2.3 METEOROLOGY

This section of the U.S. EPR FSAR is incorporated by reference with the following departures and supplements.

The U.S. EPR FSAR includes the following COL Item in Section 2.3.1:

> If a COL applicant that references the U.S. EPR design certification identifies site-specific meteorology values outside the range of the site parameters in Table 2.1-1, then the COL applicant will demonstrate the acceptability of the site-specific values in the appropriate sections of the Combined License application.

This COL Item is addressed as follows:

> {The Bell Bend Nuclear Power Plant (BBNPP) site-specific meteorology values have been reviewed and compared to determine if they are within the bounds of the assumed meteorology values for a U.S. EPR. This comparison is provided in Table 2.0-1. The BBNPP site-specific meteorology parameters are within the bounds of the conservative limiting meteorology values presented in Table 2.0-1.}

2.3.1 Regional Climatology

No departures or supplements.

2.3.1.1 Basis for Meteorological Parameters

The U.S. EPR FSAR includes the following COL Item in Section 2.3.1.1:

> A COL applicant that references the U.S. EPR design certification will provide site-specific characteristics for regional climatology.

This COL Item is addressed as follows:

{The BBNPP site is located in east-central Pennsylvania in the Susquehanna Valley. The site is in Luzerne County near the border with Columbia County, approximately 20 mi (32 km) west-southwest from Wilkes-Barre, Pennsylvania. Luzerne County is located in the Ridge and Valley Region (or Ridge and Valley Province), which lies northwest of the Piedmont and between the Blue Ridge and Allegheny Mountains. This is a region of forested ridges alternating with fertile and extensively farmed valleys. The Ridge and Valley Region is 80 to 100 mi (129 to 161 km) wide and characterized by parallel ridges and valleys oriented northeast-southwest. The mountain ridges vary from 1,300 to 1,600 ft (396 to 488 m) above sea level, with local relief from 600 to 700 ft (183 to 213 m).

The Ridge and Valley Region, while not having a true mountain climate, does have many of the characteristics of such a climate. The mountain/valley influence on air movements causes greater temperature extremes than found in southeastern Pennsylvania, and the daily range of temperature increases under the valley influences.

The effects of radiational cooling at night in the valleys and the tendency for cool air masses to flow down them at night result in a shortening of the growing season by causing freezes later in the spring and earlier in the fall than would otherwise occur. The growing (freeze-free) season in this region is longest in the middle Susquehanna Valley, where it averages about 165 days, and shortest in Schuylkill and Carbon Counties, averaging less than 130 days.

The annual precipitation in this area averages 3 to 4 in (76 to 102 mm) more than in the southeastern part of the state, but the geographic distribution is less uniform. The mountain ridges are high enough to have some deflecting influence on general storm winds, while summer showers and thunderstorms tend to follow along the valleys. Seasonal snowfall of the Ridge and Valley Region varies considerably within short distances. It is greatest in Somerset County, averaging 88 in (2,235 mm) in the vicinity of Somerset, and least in Huntingdon, Mifflin, and Juniata Counties, averaging about 37 in (940 mm).

The BBNPP site and the Wilkes-Barre/Scranton observation site are located in climate division PA-01 (Pocono Mountains), as designated by the U.S. National Climatic Data Center. A climate division represents a region within a state that is as climatically homogeneous as possible. The long term (1931-2000) annual average precipitation in the PA-01 climate division is 43.94 in (1,116 mm) (NCDC, 2002a). The long term (1931-2000) annual average temperature in the PA-01 climate division is 46.8°F (8.2°C). The long term (1931-2000) average monthly temperatures for January and July in the PA-01 climate division are 24.0°F (-4.4°C) and 69.2°F (20.7°C), respectively (NCDC, 2002b).}

2.3.1.2 Meteorological Data for Evaluating the Ultimate Heat Sink

{Section 2.3.1.2.1 and Section 2.3.1.2.2 are added as a supplement to the U.S. EPR FSAR.

2.3.1.2.1 Regional Air Quality

Background

The Clean Air Act (PL, 1977) which was last amended in 1990, requires the U.S. Environmental Protection Agency (EPA) to set National Ambient Air Quality Standards (CFR, 2007a) for pollutants considered harmful to public health and the environment. The Clean Air Act established two types of national air quality standards. Primary standards set limits to protect public health, including the health of "sensitive" populations such as asthmatics, children, and the elderly. Secondary standards set limits to protect public welfare, including protection against decreased visibility, damage to animals, crops, vegetation, and buildings.

The EPA Office of Air Quality Planning and Standards (OAQPS) has set National Ambient Air Quality Standards for six principal pollutants, which are called "criteria" pollutants. Units of measure for the standards are parts per million (ppm) by volume, milligrams per cubic meter of air (mg/m^3), and micrograms per cubic meter of air ($\mu g/m^3$). Areas are either in attainment of the air quality standards or in nonattainment. Attainment means that the air quality is better than the standard.

Luzerne County

Based on EPA data (USEPA, 2008), Luzerne County, Pennsylvania, is in attainment for all the National Ambient Air Quality Standards (NAAQS). The NAAQS are presented in Table 2.3-1. Based on Pennsylvania Department of Environmental Protection data, the BBNPP site was in attainment in 2004 for sulfur dioxide, particulate matter (2.5 microns), carbon monoxide, and ozone (PADEP, 2008).

Luzerne County is part of the Northeast Pennsylvania-Upper Delaware Valley Interstate Air Quality Control Region (AQCR) (CFR, 2008a). The attainment status of the Northeast Pennsylvania-Upper Delaware Valley Interstate AQCR with regard to national ambient air quality standards is listed as being better than national standards for sulphur dioxide, ozone (8-hr), and total suspended particulates; unclassifiable/attainment for carbon monoxide, nitrogen dioxide, and particulate matter (2.5 microns); unclassifiable for particulate matter (10 microns); nonattainment/marginal for ozone (1-hr); and not designated for lead (CFR, 2008b). Note that the 1-hour ozone standard was revoked effective June 15, 2005, for all areas in Pennsylvania.

Columbia County

Based on EPA data (USEPA, 2008), Columbia County, Pennsylvania, is in attainment for all the National Ambient Air Quality Standards (NAAQS). The NAAQS are presented in Table 2.3-1.

Columbia County is part of the Central Pennsylvania Intrastate Air Quality Control Region (AQCR) (CFR, 2008c). The attainment status of the Central Pennsylvania Intrastate AQCR with regard to national ambient air quality standards is listed as being better than national standards for sulphur dioxide, nitrogen dioxide, and total suspended particulates; unclassifiable/attainment for carbon monoxide, particulate matter (2.5 and 10 microns), and ozone (8-hr); and nonattainment/marginal for ozone (1-hr) (CFR, 2008b). Note that the 1-hour ozone standard was revoked effective June 15, 2005, for all areas in Pennsylvania.

Class 1 Federal Lands

Class 1 federal lands include areas such as national parks, national wilderness areas, and national monuments. These areas are granted special air quality protections under Section 162(a) of the federal Clean Air Act. 40 CFR Section 51.307 requires the operator of any new major stationary source or major modification located within 62 mi (100 km) of a Class I area to contact the Federal Land Managers for that area.

The closest Class 1 Federal Land to BBNPP is the Brigantine Wilderness Area, New Jersey, which was established in 1939. In 1984 Brigantine was combined with Barnegat and renamed the Edwin B. Forsythe Refuge. The distance from Bell Bend Nuclear Power Plant to the Brigantine Wilderness Area is approximately 150 mi (242 km); therefore, no action is required.

2.3.1.2.2 Severe Weather Phenomena

2.3.1.2.2.1 Tornadoes and Waterspouts

Tornadoes occur infrequently in Pennsylvania compared with areas such as the Great Plains, as can be seen in Figure 2.3-1 and Figure 2.3-2. Pennsylvania averaged ten tornadoes a year during the period from 1950-1995. Pennsylvania averaged three strong tornadoes a year during the period from 1950-1995. Figure 2.3-1 and Figure 2.3-2 (NCDC, 2000) show the annual average number of tornadoes and strong-violent tornadoes (F2-F5) respectively. No waterspouts were reported in Luzerne or Columbia County between January 1, 1950, and February 28, 2008.

In the period from January 1, 1950, through August 31, 2007 (NOAA, 2008d), 15 tornadoes were reported in Luzerne County, Pennsylvania as presented in Table 2.3-2. This corresponds to an annual average of about 0.3 tornadoes per year. The magnitude of the tornados ranged from F0 to F2, as designated by the National Weather Service. An F0 tornado has estimated wind speeds less than 73 mph (33 m/sec). An F1 tornado has estimated wind speeds between 73 and 112 mph (33 and 50 m/sec). An F2 tornado has estimated wind speeds between 113 and 157 mph (50 and 70 m/sec). The width of the paths of the 8 tornados in Luzerne County was estimated to range from 13 to 530 yards (12 to 485 m).

In the period from January 1, 1950, through August 31, 2007 (NOAA, 2008d), eight tornadoes were reported in Columbia County, Pennsylvania as presented in Table 2.3-3. This corresponds to an annual average of about 0.14 tornadoes per year. The magnitude of the tornados ranged from F0 to F2, as designated by the National Weather Service. The width of the paths of the eight tornadoes in Columbia County was estimated to range from 10 to 75 yards (9 to 69 m).

Table 5-1 of NUREG/CR-4461, Revision 2, (NRC, 2007a) presents tornado strike probabilities for the contiguous United States and for the West, Central, and East regions of the country. The listed tornado strike probability for the East region, in which BBNPP is located, is 2.58 X 10-5. This value takes into account finite building dimensions and the variation of tornado intensity along and across the tornado path.

2.3.1.2.2.2 Hurricanes and Tropical Storms

National Hurricane Center statistics (NOAA, 2008b) list 52 records of tropical storms and hurricanes that have passed within 100 statute miles (161 km) of BBNPP. Note that the Saffir-Simpson Hurricane Scale ranks hurricanes on a scale of 1-5 based on the intensity of the storm (NOAA, 2008c). In the eastern United States, hurricane season begins June 1st and ends November 30th.

Table 2.3-4 presents the year, month, day of occurrence of these 52 storm records as well as information, if available, on wind speed and atmospheric pressure. Of these storms there was one category 1 hurricane that occurred in the month of October. In addition to the hurricane and 11 tropical storms, there were 6 tropical depressions, and 8 extratropical storms that passed within 100 statute mi (161 km) of BBNPP. The tropical storms occurred in August and September.

The remnants of Hurricane Agnes dropped approximately 18 inches (457 mm) of rain in Luzerne County in June 1972. The resultant flooding destroyed nearly 25,000 homes and caused approximately one billion dollars in damage.

Table 2.3-5 shows the total and average number of tropical storms and hurricanes, by month, for the period 1851-2004 (NOAA, 2005). Note that most tropical storms and hurricanes occur in September.

2.3.1.2.2.3 Thunderstorms

From information provided by the Oklahoma Climatological Survey and presented in Figure 2.3-3, there are approximately 30 to 50 days per year during which thunderstorms occur in the vicinity of the BBNPP site. They occur in all months of the year, but the majority (75 to 80 percent) occur in May through August. They occur less than once per month from November to February. Thunderstorms are most likely to occur during the afternoon and evening hours. Table 2.3-6 presents the monthly mean number of days on which thunderstorms occurred at Wilkes-Barre/Scranton, Allentown, and Williamsport, Pennsylvania, during the period from 1950-2006 (Wilkes-Barre/Scranton), 1947-2006 (Allentown), and 1953 through 2006 (Williamsport) (NCDC, 2006a) (NCDC, 2006b) (NCDC, 2006c). The information is from certified data from the National Climatic Data Center for Wilkes-Barre/Scranton, Allentown, and Williamsport, which are the three National Weather Service primary stations closest to BBNPP. Most thunderstorms in the region occur during May through August, with about 30 thunderstorms occurring per year.

2.3.1.2.2.4 Lightning

J. L. Marshall (Marshall, 1973) presented a methodology for estimating lightning strike frequencies which includes consideration of the attractive area of structures. The method consists of determining the number of lightning flashes to earth per year per square kilometer and then defining an area over which the structure can be expected to attract a lightning strike. There are four flashes to earth per year per square kilometer in the vicinity of the proposed BBNPP. Lightning flash density for the U.S. for the five-year period 1996-2000, is shown in Figure 2.3-4 (NOAA, 2007a). Marshall defines the total attractive area, A, of a structure with length L, width W, and height H, for lightning flashes with a current magnitude of 50 percent of all lightning flashes as:

$$A = LW + 4H (L + W) + 12.57 H^2 \quad \text{Eq. 2.3-1}$$

The following building dimensions were used to estimate conservatively the attractive area of BBNPP (these values are much larger than the dimensions for the tallest building which measure approximately 58m X 58m X 60m; they are also larger than the approximate dimensions of the combined containment, the four safeguards buildings, the access building, the fuel building, and the nuclear auxiliary building):

$$L = 215 \text{ m}, W = 140\text{m}, H = 40\text{m} \quad \text{Eq. 2.3-2}$$

The total attractive area is therefore equal to 0.11 square kilometers. Consequently, the lightning strike frequency computed using Marshall's (Marshall, 1973) methodology for BBNPP is 0.44 flashes per year.

2.3.1.2.2.5 Droughts

Five drought events were listed in the National Climatic Data Center's Storm Events database for Luzerne County, Pennsylvania, from 1993-2008 (see Table 2.3-7). The following description of the latest drought event (09/01/1999) is from "Drought/Ice/Snow Events for Luzerne and Columbia Counties, PA," July 2008 (NOAA, 2008d):

> A very dry spring and summer caused major crop failures and some wells to run dry. Many streams and rivers were also brought to their lowest recorded levels. The crops most affected were corn and hay, which dealt a major blow to dairy farmers. September rains from the remnants of Hurricanes Dennis and Floyd helped to ease the summertime drought conditions although they came too late to help the vegetable and grain crops. Approximately 20 million dollars in crop damage occurred.

Five drought events were listed in the National Climatic Data Center's Storm Events database for Columbia County, Pennsylvania, from 1993-2008 (see Table 2.3-8). The following description of the latest drought event (08/01/1999) is from "Drought/Ice/Snow Events for Luzerne and Columbia Counties, PA," July 2008 (NOAA, 2008d):

> A drought emergency remained in effect for 55 of the 67 counties of Pennsylvania. In spite of the severe flash flooding in a few locations and normal or above normal precipitation in many others, water tables remained low and water usage was restricted.

2.3.1.2.2.6 High Winds

Table 2.3-9 presents occurrences of winds 50 knots or greater (58 mph or 26 m/sec) by storm type for Luzerne County. This data was retrieved from the National Climatic Data Center's Storm Events database (NOAA, 2008d). There were 52 events that occurred during the period from June 6, 1971, through August 25, 2007. Wind speeds ranged from 50 to 175 knots (58 to 201 mph; 26 to 90 m/sec). The highest value occurred on May 31, 1998, during a thunderstorm event.

There were four storm events where the wind speed was at least 75 mph (34 mps) and less than 124 mph (55 mps). These data were retrieved from the National Climatic Data Center's Storm Events database (NOAA, 2008d). These events occurred June 6, 1971, May 27, 2001, June 9, 2005, and December 1, 2006, and are listed in Table 2.3-10.

Table 2.3-11 presents occurrences of winds of 50 knots or greater (58 mph or 26 m/sec) by storm type for Columbia County. There were 56 events that occurred during the period from April 17, 1982 through August 25, 2007. Wind speeds ranged from 50 to 75 knots (58 to 86 mph; 26 to 39 m/sec). The highest value occurred on July 13, 2005.

There were two storm events in Columbia County where the wind speed was at least 75 mph (34 mps) and less than 124 mph (55 mps). These events occurred on November 13, 2003, and July 13, 2005 and are listed in Table 2.3-12.

2.3.1.2.2.7 Hail

Table 2.3-13 presents occurrences of hail events reported in Luzerne County. This data was retrieved from the National Climatic Data Center's Storm Events database (NOAA, 2008d). There were 45 events that occurred between June 1958 and August 2007. Hail stone diameters ranged from 0.75 to 2.75 in (19.1 to 69.9 mm). The largest values occurred on June 24, 1985.

Table 2.3-14 presents occurrences of hail events reported in Columbia County. This data was retrieved from the National Climatic Data Center's Storm Events database (NOAA, 2008d). There were 28 events that occurred between July 1980 and August 2007. Hail stone diameters ranged from 0.75 to 2.75 in (19.1 to 69.9 mm). The largest values occurred on, July 19, 1983.

2.3.1.2.2.8 Dust/Sand Storms

No dust or sand storms are listed during the period from January 1993 to February 2008 in the National Climatic Data Center's Storm Events database for Luzerne or Columbia County, Pennsylvania.

2.3.1.2.2.9 Ice Storms

Table 2.3-15 presents ice storm events which occurred in Luzerne County, Pennsylvania. This data was retrieved from the National Climatic Data Center's Storm Events database (NOAA, 2008d). There were 13 events that occurred between January 1999 and April 2007. Up to 0.5 in (12.7 mm) of ice accumulated during the December 13, 2000 event. For many of the ice events, the ice thickness was not recorded.

Table 2.3-16 presents ice storm events which occurred in Columbia County, Pennsylvania. This data was retrieved from the National Climatic Data Center's Storm Events database (NOAA, 2008d). There were 30 events that occurred between November 1994 and February 2008. Up to 0.25 in (6.35 mm) of ice accumulated during the December 13, 2000, December 11, 2002 and December 16, 2005 events. For many of the ice events, the ice thickness was not recorded.

2.3.1.2.2.10 Snow Storms

Table 2.3-17 presents snow storm events which occurred in Luzerne County, Pennsylvania. This data was retrieved from the National Climatic Data Center's Storm Events database (NOAA, 2008d). There were 44 events that occurred between February 1995 and April 2007. During the period, the Wilkes-Barre/Scranton Airport in Avoca, Pennsylvania, recorded the largest snowfall of up to 30 in (762 mm) during the March 31, 1997 event.

Table 2.3-18 presents snow storm events which occurred in Columbia County, Pennsylvania. This data was retrieved from the National Climatic Data Center's Storm Events database (NOAA, 2008d). There were 40 snow events that occurred between January 1995 and March 2007 disregarding ice events. Snow up to 18 in (457 mm) fell during the December 25, 2002.

2.3.1.2.2.11 High Air Pollution Potential

Major air pollution episodes are usually related to the presence of stagnating anticyclones. Such anticyclones may linger over an area four days or more. During such a period, surface wind speeds can fall to very low values. The near surface circulation is therefore insufficient to disperse accumulated pollutants. The analysis of these air stagnation events determined that approximately 10 air stagnation days occur per year, on average for 1948-1998, in the vicinity of BBNPP (NOAA, 1999). By contrast, the maximum number of air stagnation days (over the same period), averaged about 80 per year, near the border of California, Arizona, and Mexico. Most air stagnation events happen in an extended summer season from May to October as a result of weaker pressure and temperature gradients and the concomitant weaker wind circulations.

Holzworth (EPA, 1972), from a study which derived climatological statistics on morning and afternoon mixing heights and associated vertically averaged wind speeds, indicates that the mean annual morning mixing height depth over BBNPP is approximately 650 m (2,133 ft) and that the mean afternoon mixing height depth over BBNPP is approximately 1,500 m (4,921 ft). The mean annual wind speed through the morning mixing layer was found to be 5.5 m/sec (12.3 mph) and the mean annual wind speed through the afternoon mixing layer was found to be 7.5 m/sec (16.7 mph).

2.3.1.2.2.12 Snow/Loads on Roofs of Safety Related Structures

The Interim Staff Guidance on Assessment of Normal and Extreme Winter Precipitation Loads on the Roofs of Seismic Category I Structures (ISG-07) (NRC, 2009) clarified the NRC position on identifying winter precipitation events as site characteristics and site parameters for determining normal and extreme winter precipitation loads on the roofs of Seismic Category I structures. The normal winter precipitation event should be the highest ground-level weight (in lb/ft^2) among (1) the 100-year return period snow pack, (2) the historical maximum snowpack, (3) the 100-year return period snowfall event, or (4) the historical maximum snowfall event in the site region.

ISG-07 indicates that an appropriate source for the 100-year return period snow pack is the American Society of Civil Engineers (ASCE) Standard No. 7-05, "Minimum Design Loads for Buildings and Other Structures" (ASCE, 2005). Figure 7-1 of ASCE 7-05 presents a map of the continental United States showing ground snowpack values (in lb/ft^2) with a 50-year mean recurrence interval. Table C7-3 of ASCE 7-05 indicates that 1.22 is a reasonable factor to convert the 50-year value recurrence interval values to 100-year mean recurrence interval values (i.e., the 50-year value divided by 0.82).

Based on ASCE 7-05, the 50-year mean recurrence ground snow load in the BBNPP region is listed as CS, which indicates that a site-specific Case Study is required to establish ground snow loads due to extreme variations in ground snow loads in the area. However, ASCE 7-05 does indicate that at the closest isopleths to the plant site, the 50-year mean recurrence ground snow load is 30 lb/ft^2 (146.5 kg/m^2) and that the maximum value in the Commonwealth of Pennsylvania is 35 lb/ft^2 (170.9 kg/m^2). Both of these values have upper elevation limits that are higher than the site elevation of 650 ft (198 m). Therefore, a value of 35 lb/ft^2 (170.9 kg/m^2) was chosen to represent the 50-year mean recurrence ground snow load at the site. The conversion factor listed in Table C7-3 of ASCE 7-05 can be used to adjust the 50-year recurrence ground snow load to a 100-year recurrence ground snow load. Using a conversion factor of 1.22, the 100-year mean recurrence ground snow load is 42.7 lb/ft^2 (208.5 kg/m^2).

ISG-07 indicates that an appropriate source for the 100-year return period two-day snowfall event and the historical two-day maximum snowfall event is the National Climatic Data Center's (NCDC's) Snow Climatology website, which includes observations from first-order National Weather Service (NWS) stations, and NCDC cooperative network observing stations.

Table 2.3-180 presents the 100-year return period and historical maximum 2-day snowfall events from NCDC's Snow Climatology website (NOAA, 2009a). Equation 2 from ISG-07 was used to determine ground snow load values from these snowfall events. None of the ground snow load values presented in the table is greater than the 100-year mean recurrence ground snow load value of 42.7 lb/ft^2 (208.5 kg/m^2) determined using ASCE 7-05.

ISG-07 indicates that appropriate sources for the historical maximum snowpack include Local Climatological Data summaries (NOAA, 2009a), NCDC Climatology of the United States No. 20 series (NOAA, 2009b), NCDC Daily Surface Data (TD3200/3210) (NOAA, 2009c), and NCDC's on-line Storm Events data base (NOAA, 2009d). Equation 1 from ISG-07 was used to determine ground snow load values from these snowfall events.

Table 2.3-181 presents the highest daily snow depth (snowpack) taken from one of the NCDC data sources (NOAA, 2009a) (NOAA, 2009b) (NOAA, 2009c). These values are used to represent the historical maximum snowpack according to guidance from ISG-07 and were corroborated where possible by data from the other two sources. None of the ground snow load values presented in Table 2.3-181 are greater than the 100-year mean recurrence ground snow load value of 42.7 lb/ft^2 (208.5 kg/m^2) determined using ASCE 7-05.

The extreme frozen winter precipitation event should be the higher ground-level weight (in lb/ft^2) between (1) the 100-year return period snowfall event and (2) the historical maximum snowfall event in the site region (NRC, 2009). Table 2.3-180 presents these values; the higher groundlevel weight is 25.0 lb/ft^2(122.1 kg/m^2).

The extreme liquid winter precipitation event is defined as the theoretically greatest depth of precipitation (in inches of water) for a 48-hour period that is physically possible over a 10 mi^2 (25.9 km^2) area at a particular geographical location during those months with the historically highest snowpacks (NRC, 2009). This value can be determined from Hydrometeorological Report Number 53 (USWB, 1980) by plotting (using a smooth curve) the probable maximum 6-hour, 24-hour, and 72-hour precipitation during the winter months of December through February. The 6-hour, 24-hour, and 72-hour Probable Maximum Winter Precipitation (PMWP) values are provided in Table 2.3-19. The plot of the probable maximum 6-hour, 24-hour, and 72-hour precipitation is presented in Figure 2.3-5. The 10 mi^2 (25.9 km^2) 48-hour PMWP is selected for the site from the plot using the December data since it is more conservative; the value of the 48-hour PMWP is 17.3 inches (439.4 mm).

ISG-07 endorses the guidance provided in ASCE 7-05 for converting the ground snow load due to a normal winter precipitation event to a roof snow load. Using Equation 7-1 from ASCE 7-05:

$$p_f = 0.7\, C_e\, C_t\, I\, p_g$$

where p_f is the roof snow load in lb/ft^2, Ce is the exposure factor, Ct is the thermal factor, I is the importance factor, and pg is the ground snow load in lb/ft^2. The exposure factor for partially exposed, terrain category C from Table 7-2 of ASCE 7-05 was used (value of 1.0). The thermal factor and the importance factor were both set to unity according to guidance provided in ISG-07. The ground snow load is 42.7 lb/ft^2 (208.5 kg/m^2) determined using ISG-07. Therefore, the roof snow load is:

$$p_f = 0.7\ (1.0)\ (1.0)\ (1.0)\ (42.7\ \text{lb/ft}^2) = 29.9\ \text{lb/ft}^2\ (146.0\ \text{kg/m}^2)$$

This value is applied as a normal live load on the roof in all loading combinations for Seismic Category I structures except the ESWEMS Pumphouse.

Extreme winter precipitation event roof loads are based on the roof load due to the normal winter precipitation event plus the roof load due to the extreme winter precipitation event. Roof loads due to the extreme winter precipitation event shall be the higher roof load resulting from either the extreme frozen winter precipitation event or the extreme liquid winter precipitation event. Since there are no parapets on the roofs of Seismic Category I structures other than the ESWEMS Pumphouse to impede drainage, the extreme frozen winter precipitation event was chosen as the extreme winter precipitation event.

The ground load for the extreme frozen winter precipitation event is 25.0 lb/ft^2 (122.1 kg/m^2) Using Equation 7-1 from ASCE 7-05, the roof snow load due to the extreme winter precipitation event is:

$$p_f = 0.7\ (1.0)\ (1.0)\ (1.0)\ (25.0\ \text{lb/ft}^2) = 17.5\text{lb/ft}^2\ (85.4\ \text{kg/m}^2)$$

Therefore, the extreme winter precipitation live roof load is 29.9 lb/ft^2 (146.0 kg/m^2) + 17.5 lb/ft^2 (85.4 kg/m^2) = 47.4 lb/ft^2 (231.4 kg/m^2). This site-specific extreme winter precipitation live roof load is bounded by the U.S. EPR design value.

The ESWEMS Pumphouse contains parapets that are 1.0 ft higher than the roof, thus requiring a separate evaluation for snow loads. As demonstrated previously the normal roof live load from the normal winter precipitation event is calculated from Equation 7-1 from ASCE 7-05. According to ISG-07, flat roofs with parapets should be considered as a sheltered roof when determining the exposure factor Ce. Thus, the exposure factor Ce shall be taken as 1.1 for terrain category C from ASCE 7-05. The importance factor (I) and thermal factor (Ct) remain 1.0. Thus, the roof snow load for the ESWEMS Pumphouse is:

$$p_f = 0.7\ (1.1)\ (1.0)\ (1.0)\ (42.7\ \text{lb/ft}^2) = 32.9\ \text{lb/ft}^2\ (160.6\ \text{kg/m}^2)$$

The extreme winter precipitation event for the ESWEMS Pumphouse is taken from the extreme liquid winter precipitation event assuming that the scuppers in the parapets are fully blocked. The height of the parapets is 1.0 ft, thus limiting the height of the water on the roof to 12 inches instead of the 17.3 inches from the 48-hour PMWP. The weight of the extreme liquid winter precipitation event on the roof is the same as the weight on the ground (ISG-07, page 7) (NRC, 2009). Thus, the extreme liquid winter precipitation event roof load is:

$$p_f = (1.0\ \text{feet})\ (62.4\ \text{lb/ft}^3) = 62.4\ \text{lb/ft}^2\ (304.7\ \text{kg/m}^2)$$

Therefore, the extreme winter precipitation live roof load for the ESWEMS Pumphouse is 32.9 lb/ft^2 (160.6 kg/m^2) + 62.4 lb/ft^2 (304.7 kg/m ^{2}) = 95.3 lb/ft^2 (465.3 kg/m^2). This site-specific extreme winter precipitation live roof load on the ESWEMS Pumphouse is bounded by the U.S. EPR design value.

2.3.1.2.2.13 Conditions for Potential Water Freezing in the Ultimate Heat Sink

The meteorological conditions resulting in the potential for water freezing in the ultimate heat sink water storage facility should be low dry bulb temperature values and associated wind speeds. Using 30 years (1972-2001) of meteorological data from Wilkes-Barre/Scranton, Pennsylvania, the coldest month wind speed and coincident dry bulb temperature that are exceeded only 0.4% of the time per year are 24.9 mph (11.2 mps) and 32.5°F (0.3°C). The coldest month wind speed and coincident dry bulb temperature that are exceeded only 1% of the time per year are 22.6 mph (10.1 mps) and 27.9°F (-2.3°C).

2.3.1.2.2.14 Tornado Parameters

Using the methodology and values in Table 1 from Regulatory Guide 1.76 (NRC, 2007b), the design-basis tornado characteristics for BBNPP are presented in Table 2.3-20. The maximum tornado wind speed is 230 mph (103 mps), the pressure drop is 1.2 psi (83 mb), and the rate of pressure drop is 0.5 psi/s (37 mb/s).

2.3.1.2.2.15 100 Year Return Period 3 Second Wind Gust

In accordance with ASCE 7-05 (ASCE, 2006), the basic wind speed to be used in determination of design wind loads on buildings and other structures is given in Figure 6-1 of that document. This value for the BBNPP site is 90 mph (40 mps). Note that this value is the three-second wind gust for a 50-year return period. Using the appropriate conversion factor from Table C6-7 of ASCE 7-05, the 100-year return period three-second wind gust value is 90 mph X 1.07 = 96.3 mph (43.0 mps). Note, the conversion factor of 1.07 is not the importance factor; the importance factor is 1.15.

2.3.1.2.2.16 Temperature and Humidity for Heating, Ventilation and Air Conditioning

U.S. EPR FSAR Section 2.3.1.1 indicates that the U.S. EPR design is based on the 0% and 1% exceedance dry bulb and coincident wet bulb temperatures listed in U.S. EPR FSAR Table 2.1-1. Site-specific values for these parameters were determined using 45 years (1961-2005) of hourly meteorological data from Wilkes-Barre/Scranton International Airport, Pennsylvania (NOAA, 2008a) (NOAA, 1997) (NOAA, 2002a) (NOAA, 2006a).

The BBNPP site-specific annual basis 0% exceedance maximum dry bulb and coincident wet bulb temperature values are 100.0°F (37.8°C) and 71.7°F (22.1°C), respectively. The BBNPP site-specific annual-basis 0% exceedance minimum dry bulb temperature value is -17.5°F (-27.5°C). The BBNPP site-specific seasonal-basis 1% exceedance maximum dry bulb and coincident wet bulb temperature values are 89.1°F (31.7°C) and 65.1°F (18.4°C), respectively. The BBNPP site-specific seasonal-basis 1% exceedance minimum dry bulb temperature value is 1.0°F (-17.2°C). The BBNPP site-specific 0% and 1% exceedance temperature values are presented in Table 2.3-21 and Table 2.3-22. The U.S. EPR 0% annual-basis exceedance maximum dry bulb and coincident wet bulb temperature values are 115°F (46°C) and 80°F (27°C), respectively. The U.S. EPR 0% annual-basis exceedance minimum dry bulb temperature value is -40°F (-40°C). The U.S. EPR seasonal-basis 1% exceedance maximum dry bulb and coincident wet bulb temperature values are 100°F (38°C) and 77°F (25°C), respectively. The U.S. EPR seasonal-basis 1% exceedance minimum dry bulb temperature value is -10°F (-23°C). The U.S. EPR design values bound the 0% and 1% exceedance values for BBNPP.

The calculated 100-year return period values of maximum and minimum dry bulb temperature are 101.5°F (38.6°C) and -21.2°F (-29.6°C), respectively. The 100-year return period value of mean wet bulb temperature coincident with the 100-year return period value of maximum dry bulb temperature is 76.3°F (24.6°C). These values, except for the mean wet bulb temperature coincident with the 100-year return period value of the maximum dry bulb temperature, were determined using the ASHRAE (ASHRAE, 2005) methodology and the maximum two-hour average dry bulb values for each year of the same 45-year meteorological data set used to determine the BBNPP site-specific 0% and 1% exceedance temperature values.

Because the 100-year return period maximum dry bulb temperature is a calculated value, there is no wet bulb temperature measurement that is coincident with it, as there would be if it was a measured value. Therefore, a relationship between dry bulb and wet bulb temperature was determined and this value was also calculated using the ASHRAE (ASHRAE, 2005) methodology and 45 years of hourly meteorological data from Wilkes-Barre/Scranton International Airport, Pennsylvania.

A review was also conducted of historical maximum and minimum temperature values at stations within approximately 50 miles of the BBNPP site and obtained from the National Climatic Data Center (NOAA, 2002b) (NOAA, 2007b). The highest recorded maximum temperature value was 105°F (40.6°C) at Allentown on July 3, 1966 and at Palmerton, Pennsylvania on August 2, 1975. The lowest recorded minimum temperature value was -28°F (-33.3°C) at Francis E. Walter Dam, Pennsylvania, on February 18, 1979. Therefore, the highest recorded maximum temperature value of 105°F (40.6°C) is the extreme maximum annual site temperature. The lowest recorded minimum temperature value of -28°F (-33.3°C) is the extreme minimum annual site temperature. The U.S. EPR design values bound the site area extreme historic temperature values for BBNPP.

2.3.1.2.2.17 Possible Changes in Climate and Potential Impact on the Proposed Climate-Related Site Characteristics

Historical data and current literature on postulated long-term environmental changes were reviewed to provide assurance that the methods to predict weather extremes are appropriate and reasonable. Globally, reports issued by the International panel on Climate Change (IPCC, 2007) and the U.S. Global Change Research Program (GCRP, 2009) indicate that global average air temperatures are increasing. However, there is insufficient evidence to determine whether trends exist in small-scale phenomena such as tornadoes, hail, lightning, and dust storms, and there is no clear trend in the annual number of tropical storms (IPCC, 2007).

Regionally, the Pennsylvania Department of Environmental Protection reports (ENRI, 2009) that climate change could result in the following impacts in Pennsylvania:

- Temperature is projected to increase throughout the century, but is dependent on emissions scenario, especially by late century. The temperature rise for a high emission scenario at the end of the century, for instance, is nearly twice that of a low emission scenario.

- Precipitation is projected to increase during the winter, with small to no increase in summer. There is also a potential increase in heavy precipitation events. As a result, a substantial decrease in snow cover extent and duration is expected.

- Tropical and extratropical storms may increase in intensity, but there is substantial uncertainty in their future projections.

The Pennsylvania Department of Environmental Protection further reports that the potential impacts over the next 20 years do not differ between a high and low emission scenario. However, Pennsylvania's projected climate by the end of the century differs significantly between the two emissions scenarios.

As a result, the above described climate change projections have a degree of uncertainty. Although broad trends that may result as a consequence of climate change are identified, such projections are so general that an assessment of the potential impact on design site characteristics is inherently limited. However, these potential climate-related changes were considered and addressed as follows:

- The amount of air temperature increase later in the century is dependent on factors such as the mitigation of greenhouse gas emissions and cannot be predicted accurately. However, even if the high emission projected average temperature increase at the end of the century of nearly 7°F is added to the average maximum temperature in the site area of 92.4°F for the 45-year period 1961-2005, the result is comparable to the calculated 100-year return period dry-bulb temperature of 101.5°F (AREVA, 2010). The highest recorded temperature within the region of 105°F is also comparable with the 100-year projected maximum dry-bulb temperature value. Thus, the method used to calculate the extreme dry-bulb temperature is appropriate and reasonable. The calculated extreme temperature also is considerably less than the U.S. EPR design parameter of 115°F.

- The maximum rainfall rate is generally associated with tropical and extratropical storms (which include hurricanes), whose frequency and storm tracks cannot be predicted. However, for the site region (Berwick, PA), the National Weather Service calculated a 100-year annual recurrence interval of 2.46 in/hr (NOAA, 2006b). This value is considerably less than the U.S. EPR design parameter of 19.4 in/hr.

- Winter snow volumes are projected to decrease while winter precipitation amounts are projected to increase. Thus, there is likely no impact on the snow roof loads.

- There are no specific projections regarding wind speed. Although winds from tropical and extratropical storms are likely to increase, there is substantial uncertainty in their future projections, e.g., their frequency and whether storm tracks will impact the state. Thus there is no basis to assess the potential impact on the U.S. EPR design parameter, which is the ASCE 7-05 Basic Wind Speed (3-second gust).

- There is insufficient evidence to determine whether trends exist in small-scale phenomena such as tornadoes. Thus, there is no basis to assess the potential impact on the U.S. EPR design parameter for the tornado maximum wind speed.

2.3.1.2.3 References

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2.3.2 Local Meteorology

The U.S. EPR FSAR includes the following COL Item in Section 2.3.2:

> A COL applicant that references the U.S. EPR design certification will provide site-specific characteristics for local meteorology.

This COL Item is addressed as follows:

{Section 2.3.2.1 through Section 2.3.2.4 are added as a supplement to the U.S. EPR FSAR.

Section 2.3.2.1 through Section 2.3.2.3 present local summaries of meteorological data based on on-site measurements made in accordance with Regulatory Guide 1.23 and National Weather Service station summaries from appropriate nearby locations. Note that the National Climatic Data Center identifies both the BBNPP site and the NWS station at Wilkes-Barre/ Scranton as being within the same climatic division. A climate division represents a region within a state that is as climatically homogeneous as possible. As such, it is deemed acceptable to use Wilkes-Barre/Scranton climatic statistics to characterize the BBNPP site.

On-site meteorological data compiled for SSES Units 1 and 2 were used in this analysis. These data are from the existing units' on-site meteorological monitoring program which was designed, and has been operated, according to Regulatory Guide 1.23, Revision 0 (NRC, 1972). The data recovery goal of 90% was met for each of the six years of data (2001-2006) used for meteorological statistics other than the joint frequency distribution tables used to determine atmospheric dispersion and deposition factors. The data recovery goal of 90% also was met for each of the seven years of data (2001-2007) used for joint frequency distribution tables used to determine atmospheric dispersion and deposition factors.

A review of the differences between Regulatory Guide 1.23, Revision 0, and Regulatory Guide 1.23, Revision 1 (NRC, 2007), concluded that the guidance provided in the two versions of the document are sufficiently similar, and that there is no adverse impact from using the on-site meteorological data monitored for SSES Units 1 and 2 in analyses for BBNPP. The on-site meteorological measurement program is described in Section 2.3.3.

Local meteorological values used for design and operating bases are bounded by those in the U.S. EPR design certification.

2.3.2.1 Normal and Extreme Values of Meteorological Parameters

Monthly and annual summaries of meteorological data are provided in Section 2.3.2.1.1 through Section 2.3.2.1.6.

2.3.2.1.1 Wind Speed and Direction

Table 2.3-23 and Table 2.3-24 present annual joint frequency distributions (JFD's) of wind speed and direction as a function of atmospheric stability for the 33 ft (10m) and 197 ft (60 m) measurement levels derived from the 2001-2007 data from the SSES on-site meteorological monitoring program. This set of JFD tables included the latest year of meteorological data available at the time. The hourly data used to calculate these tables were used to determine the atmospheric dispersion and deposition factors presented in Section 2.3.4 and Section 2.3.5.

Table 2.3-25 and Table 2.3-26 present annual JFD's of wind speed and direction as a function of atmospheric stability for the 33 ft (10m) and 197 ft (60 m) measurement levels. Table 2.3-27 through Table 2.3-34 present seasonal JFD's of wind speed and direction as a function of atmospheric stability. Table 2.3-35 through Table 2.3-58 present monthly JFD's of wind speed and direction as a function of atmospheric stability. These tables were developed using six years of on-site meteorological data (2001-2006) following the guidance in Regulatory Guide 1.23 (NRC, 2007).

Assumptions used to determine these JFD's are:

- Maximum wind speed allowable as good data was assumed to be 90 MPH.

- Maximum allowable delta temperature value was assumed to be 18°F.
- Maximum allowable wind direction value was assumed to be 540 degrees.

Input (other than the hourly meteorological data) used to determine these JFD's is provided in Table 2.3-59.

Table 2.3-60 through Table 2.3-62 present monthly and annual wind speed and direction information for NWS locations around the BBNPP site.

Figure 2.3-6 and Figure 2.3-7 present annual wind rose plots of the SSES 2001-2006 meteorological data for the 33 ft (10 m) and 197 ft (60 m) elevations using the wind speed classes utilized for the JFD tables. Figure 2.3-8 and Figure 2.3-9 present seasonal wind rose plots of the SSES 2001-2006 meteorological data for the 33 ft (10 m) and 197 ft (60 m) elevations using the wind speed classes utilized for the JFD tables. Figure 2.3-10 through Figure 2.3-33 present monthly wind rose plots of the SSES 2001-2006 meteorological data for the 33 ft (10 m) and 197 ft (60 m) elevations using the wind speed classes utilized for the JFD tables.

Figure 2.3-34 through Figure 2.3-36 present multi-year average annual wind rose plots for National Weather Service (NWS) stations around BBNPP (Wilkes-Barre/Scranton, Allentown, and Williamsport, Pennsylvania). Meteorological data used to create the plots were received from the U.S. National Climatic Data Center and were measured at approximately 33 ft (10 m) above ground level. For all three stations, the meteorological data were from 2001 through 2006.

The annual prevailing wind direction (the direction from which the wind blows most often) at the SSES site at the 33 ft (10 m) level is from the east-northeast, approximately 15% of the time (Table 2.3-25). This is due primarily to low-speed drainage flows down the Susquehanna River Valley. The next most prevalent wind direction is from the southwest approximately 11% of the time. Winds from the north-northeast through east-northeast sectors occur approximately 32% of the time. Conversely, winds from the west through northwest sectors occur approximately 9% of the time. The annual prevailing wind direction at the SSES site at the 197 ft (60 m) level is from the north-northeast, approximately 15% of the time (Table 2.3-26). The next most prevalent wind direction is from the southwest approximately 12% of the time. Winds from the north through northeast sectors occur approximately 32% of the time. Conversely, winds from the east through southeast sectors occur approximately 10% of the time. As is normally the case, there are more observations of calm winds at the lower level than at the higher level (0.05% versus 0.01%). At both levels, winds occur most infrequently from the west-northwest (approximately 2% of the time).

The annual prevailing wind direction at Wilkes-Barre/Scranton, Pennsylvania, is from the southwest, approximately 13% of the time (Figure 2.3-34). At Allentown, Pennsylvania, the annual prevailing wind direction is from the west-southwest, approximately 13.5% of the time (Figure 2.3-35). At Williamsport, Pennsylvania, the annual prevailing wind direction is from the west, approximately 24% of the time (Figure 2.3-36).

During the winter season, the prevailing wind direction at the 33 ft (10 m) level at SSES is from the southwest, approximately 12% (Table 2.3-27). The prevailing wind direction at the 197 ft (60 m) level at SSES is from the west-southwest, approximately 16% (Table 2.3-31). During the spring season, the prevailing wind direction at the 33 ft (10 m) level is from the east-northeast, approximately 12% of the time (Table 2.3-28). The prevailing wind direction at the 197 ft (60 m) level at SSES is from the north-northeast, approximately 14% (Table 2.3-32).

During the summer season, the prevailing wind direction at the 33 ft (10 m) level at SSES is from the east-northeast, approximately 18% of the time (Table 2.3-29). The prevailing wind direction at the 197 ft (60 m) level at SSES is from the north-northeast, approximately 18% (Table 2.3-33). During the autumn season, the prevailing wind direction at the 33 ft (10 m) level is from the east-northeast, approximately 17% of the time (Table 2.3-30). At the 197 ft (60 m) level, the prevailing wind direction is from the north-northeast, approximately 18% (Table 2.3-34).

The most prevalent wind speed class at SSES on an annual basis for the 33 ft (10 m) level is the 0.5-1.0 mps (1.1-2.2 mph) class, which occurs approximately 27% of the time (Table 2.3-25). The most prevalent wind speed class on an annual basis for the 197 ft (60 m) level is the 2.1-3.0 mps (4.7-6.7 mph) class, which occurs approximately 19% of the time (Table 2.3-26).

The average wind speed at Wilkes-Barre/Scranton, Pennsylvania, is 3.72 mps (8.3 mph) and there have been observations of wind speeds up to 11 mps (25 mph) (Figure 2.3-34). At Allentown, Pennsylvania, the average wind speed is 3.79 (8.5 mph) and there have been observations of wind speeds greater than 11 mps (25 mph) (Figure 2.3-35). At Williamsport, Pennsylvania, the average wind speed is 3.87 (8.7 mph) and there have been observations of wind speeds greater than 11 mps (25 mph) (Figure 2.3-36). Note that the most prevelant wind speed class on an annual basis for the 10-meter (33-feet) level at SSES (0.5-1.0 mps (1.1-2.2 mph)) is lower than the average annual wind speeds at the same measurement height for these three NWS stations; this would lead to more conservative atmospheric dispersion estimates using the SSES onsite meterological data.

On a seasonal basis, the most prevalent wind speed class for the 33 ft (10 m) level is the 0.5-1.0 mps (1.1-2.2 mph) class, which occurs approximately 24% of the time during the winter season (Table 2.3-27), 22% of the time during the spring season (Table 2.3-28), 32% during the summer season (Table 2.3-29), and 29% during the autumn season (Table 2.3-30). At the 197 ft (60 m) level, the most prevalent wind speed class is the 2.1-3.0 mps (4.7-6.7 mph) class, which occurs approximately 16% during the winter season (Table 2.3-31), 19% during the spring season (Table 2.3-32), 21% during the summer season (Table 2.3-33), and 19% during the autumn season (Table 2.3-34).

The maximum hourly wind speed measured at the 33 ft (10 m) level during the period 2001-2006 is 11.6 mps (26.0 mph). The maximum hourly wind speed measured at the 197 ft (60 m) level during the period 2001-2006 is 17.1 mps (38.3 mph).

Table 2.3-63 through Table 2.3-76 present annual and overall wind direction persistence summaries for the 33 ft (10 m) and 197 ft (60 m) measurement levels at SSES. These tables were developed using six years of on-site meteorological data (2001-2006). Table 2.3-69 and Table 2.3-76 present an average of the six individual year summaries for the 33 ft (10 m) and 197 ft (60 m) measurement levels respectively.

The majority of the time, approximately 91%, wind direction persistence events last for less than four hours at both measurement levels. Wind direction persistence events lasting 12 hours occur 6 and 7 times per year on the average for the 33 ft (10 m) and 197 ft (60 m) levels, respectively. Wind direction persistence events lasting greater than 24 hours occur less than once per year on the average for the 33 ft (10 m) level and twice per year on the 197 ft (60 m) levels.

2.3.2.1.2 Temperature and Humidity

Daily average and extreme temperature and dew point temperature summaries from the BBNPP on-site meteorological monitoring program are presented in Table 2.3-77 and Table 2.3-78 for the period from January 2001 through December 2006. Daily average and extreme temperature and dew point temperature summaries from Williamsport, PA for the period 2000-2005 are presented in Table 2.3-79. Monthly and annual temperature summaries from the SSES on-site meteorological monitoring program are presented in Table 2.3-80 through Table 2.3-87 for the period from January 2001 through December 2006. Monthly and annual mean relative humidity summaries from the SSES on-site meteorological monitoring program is presented in Table 2.3-88 for the period from January 2001 through December 2006.

The monthly mean temperature at SSES ranges from 27.9°F (-2.3°C) in January to 71.6°F (22.0°C) in July (Table 2.3-80). The monthly mean extreme maximum temperature (defined as the highest of the maximum values for each month over the period 2001-2006) at SSES was 73.6°F (23.1°C) in July (Table 2.3-81) and the monthly mean extreme minimum temperature (defined as the lowest of the minimum values for each month over the period 2001-2006) was 21.0°F (-6.1°C) in January (Table 2.3-82). The monthly mean daily maximum temperature (defined as the highest of the daily maximum values for each month over the period 2001-2006) at SSES was 81.6°F (27.6°C) in July and August (Table 2.3-83) and the monthly mean daily minimum temperature (defined as the lowest of the daily minimum values for each month over the period 2001-2006) was 21.2°F (-6.0°C) in January (Table 2.3-84). The maximum hourly temperature at SSES was 96.8°F (36.0°C) in August (Table 2.3-85) and the minimum hourly temperature was -7.0°F (-21.7°C) in January (Table 2.3-86). The frequency of occurrence of hourly temperature values falling below the freezing point (32°F or 0°C) is approximately 18% (Table 2.3-87). The frequency of occurrence of hourly temperature values falling below 0°F (-17.8°C) is less than 0.1% (Table 2.3-87). The mean number of days with maximum hourly temperature greater than or equal to 90°F, with minimum hourly temperature less than or equal to 32°F, and with minimum hourly temperature less than or equal to 0°F for sites around BBNPP (1971-2000) are presented in Table 2.3-94, Table 2.3-95 and Table 2.3-96.

The monthly mean relative humidity at SSES ranged from 49.6% in April to 63.2% in June over the period from 2001-2006 (Table 2.3-88). The monthly mean relative humidity and the daily variation of monthly mean relative humidity for sites around BBNPP (1971-2000) are presented in Table 2.3-97 and Table 2.3-98.

Temperature and humidity statistics from National Weather Service (NWS) sites around BBNPP are presented in Table 2.3-89 through Table 2.3-93. Dry bulb temperature values are from the 30-year period from 1971-2000. Wet bulb and dew point temperature values are from the 23-year period from 1978-2000.

The monthly mean temperature values at SSES are within approximately 7% of the monthly mean temperature values measured at Wilkes-Barre/Scranton. The monthly mean temperature values at SSES are within approximately 5% of the monthly mean temperature values measured at Allentown. The monthly mean temperature values at SSES are within approximately 9% of the monthly mean temperature values measured at Williamsport.

Table 2.3-99 through Table 2.3-106 present temperature and atmospheric moisture design conditions, including the monthly design dry bulb temperature and the mean coincident wet bulb temperature, and the monthly design wet bulb temperature and the mean coincident dry bulb temperature, for locations in the vicinity of BBNPP. These wet bulb temperature values correspond to 0.4%, 1.0%, and 2.0% cumulative frequency of occurrence for the indicated month (ASHRAE, 2005). Data for Wilkes-Barre/Scranton and Allentown, Pennsylvania, are from the period 1972-2001.

2.3.2.1.3 Precipitation and Fog

The monthly and annual precipitation summary from the SSES on-site meteorological monitoring program is presented in Table 2.3-107 through Table 2.3-110 for the period 2001-2006. Precipitation statistics from NWS sites around BBNPP are presented in Table 2.3-111 through Table 2.3-113 for the period from 1971-2000. Monthly and annual summaries of heavy fog (visibility less than ¼ mi) are presented in Table 2.3-114 for sites around BBNPP for the period from 1964-2006.

Monthly average precipitation at SSES ranges from 1.88 inches (47.75 mm) in February to 4.44 inches (112.78 mm) in October (Table 2.3-107). Monthly percent frequency of occurrence of precipitation at SSES ranges from 4.55% in July to 8.58% in January (Table 2.3-108). The rainfall rate distribution presented in Table 2.3-109 indicates that heavy rainfalls occur infrequently at BBNPP. The maximum monthly precipitation measured at SSES corresponds with the values from the NWS sites around the plant. The minimum monthly precipitation measured at SSES, however, does not correspond with the values from the NWS sites around the plant; this may be due to the difference in the period of records (6 years for SSES versus 30 for the NWS sites).

Figure 2.3-37 and Figure 2.3-38 present annual precipitation wind roses at SSES for the 33 ft (10 m) and 197 ft (60 m) elevations. These precipitation wind roses portray joint frequency distributions of wind speed and direction for only the hours in which precipitation was recorded. These annual precipitation wind roses show that the most frequent wind direction during precipitation events is from the north-northeast.

Figure 2.3-39 through Figure 2.3-62 present monthly precipitation wind roses of wind speed and direction as a function of precipitation rate class (0.1-0.2 in/hr or 2.5-5.1 mm/hr) at SSES for the 33 ft (10 m) and 197 ft (60 m) elevations. These precipitation wind roses portray joint frequency distributions of wind speed and direction as a function of precipitation rate class for only the hours in which precipitation was recorded.

Snowfall statistics for NWS sites located around BBNPP are presented in Table 2.3-112 for the period 1971-2000. Annual snowfall amounts ranged from 32.3 inches (820.42 mm) at Allentown to 47.0 inches (1193.80 mm) at Wilkes-Barre/Scranton. (NCDC, 2006)

Fog observations are not made as part of the on-site meteorological monitoring program. Fog observations were made at the NWS stations at Wilkes-Barre/Scranton, Allentown, and Williamsport, Pennsylvania. The average number of days per year with heavy fog (visibility less than one-quarter mile) are 20.3 for Wilkes-Barre/Scranton, 22.5 for Allentown, and 36.4 for Williamsport (Table 2.3-114).

2.3.2.1.4 Atmospheric Stability

Depending on the amount of incoming solar radiation and other factors, the atmosphere may be more or less turbulent at any given time. Meteorologists have defined atmospheric stability classes, each representing a different degree of turbulence in the atmosphere. When moderate to strong incoming solar radiation heats air near the ground, causing it to rise and generate large eddies, the atmosphere is considered unstable, or relatively turbulent. Unstable conditions are associated with atmospheric stability classes A and B. When solar radiation is relatively weak or absent, air near the surface has a reduced tendency to rise, and less turbulence develops. In this case, the atmosphere is considered stable, or less turbulent, and the stability class would be E, F or G. Stability classes C and D represent conditions of more neutral stability, or moderate turbulence. Neutral conditions are associated with relatively strong wind speeds and moderate solar radiation.

Atmospheric stability is determined by the delta temperature method as defined in Regulatory Guide 1.23 (NRC, 2007). This methodology classifies atmospheric stability based on the temperature change with height (°C per 100 m). At SSES, atmospheric stability is classified according to the difference between the temperature measurements at the 197 ft (60 m) and 33 ft (10 m) levels.

Table 2.3-115 through Table 2.3-128 present annual and overall atmospheric stability persistence summaries at the SSES site for the 33 ft (10 m) and 197 ft (60 m) elevations. The annual tables were developed using six years of on-site meteorological data (2001-2006). Note that there are slight differences between the two elevations even though they use the same delta-temperature measurements to determine atmospheric stability. This is because the computer code used to develop the tables checks the validity of the wind speed and direction values as well as the delta-temperature values.

The majority of the time (approximately 73%), stability persistence events last for less than four hours. Stability persistence events lasting 12 hours occur 13 times per year on the average and events lasting for greater than 24 hours occur 14 times per year on the average.

Table 2.3-129 presents a monthly atmospheric stability summary at the SSES site. It was generated using six years of on-site meteorological data (2001-2006). The most prevalent atmospheric stability class is class D; the least prevalent atmospheric stability class is class B.

2.3.2.1.5 Monthly Mixing Height Data and Inversion Summary

Monthly average mixing height values for the period 1997-2007 were calculated from the daily average values for each month of each year (as data were available) based on twice daily mixing height data from the National Climatic Data Center. These data were taken from the upper air and surface National Weather Service stations closest to BBNPP (Buffalo, New York, and Wilkes-Barre, Pennsylvania, respectively). Daily average mixing height values were calculated for each day that had both a morning and afternoon mixing height value; days not having both morning and afternoon mixing height values were excluded.

Overall monthly average mixing height values were calculated from the individual monthly average values; for example, the January overall monthly average mixing height value of 935 meters is the average of all of the individual January mixing height values from 1997 through 2007. On average, the number of valid days of data per month ranged from 14 to 31 (that is, days that had both a morning and afternoon mixing height value).

Annual and monthly average mixing height values are presented in Table 2.3-130 and Table 2.3-131. The annual average mixing height was 1,055 m (3,459 ft). The monthly average mixing heights ranged from 935 m (3,067 ft) in January and September to 1,222 m (4,008 ft) in April. A graphical portrayal of the monthly average mixing height values is to be found in Figure 2.3-63.

Frequency and persistence of temperature inversion conditions at SSES are presented in Table 2.3-132 through Table 2.3-137. These tables were developed using six years (2001-2006) of meteorological data from the on-site meteorological monitoring program at SSES. The maximum temperature inversion lasted 27 hours. Approximately 75% of the inversions lasted less than 12 hours.

2.3.2.1.6 Air Quality

Based on EPA data, Luzerne County, Pennsylvania, is in attainment for all the National Ambient Air Quality Standards (NAAQS). The NAAQS are presented in Table 2.3-138. Based on Pennsylvania Department of Environmental Protection data, the site location was in attainment in 2004 (most recent Ambient Air Quality Report available on the PADEP web site as of July 03, 2008) for sulfur dioxide, particulate matter (2.5 microns), carbon monoxide, and ozone. (PADEP, 2008)

Based on EPA data, Columbia County, Pennsylvania, is in attainment for all the National Ambient Air Quality Standards (NAAQS).

Luzerne County is part of the Northeast Pennsylvania-Upper Delaware Valley Interstate Air Quality Control Region (AQCR), as designated in the U.S. Code of Federal Regulations, Title 40, Part 81, Subpart B, Section 81.55 (40 CFR 81.55). The attainment status of the Northeast Pennsylvania-Upper Delaware Valley Interstate AQCR with regard to national ambient air quality standards is listed as being better than national standards for sulphur dioxide, ozone (8-hr), and total suspended particulates, unclassifiable/attainment for carbon monoxide, nitrogen dioxide, and particulate matter (2.5 microns), nonattainment/marginal for ozone (1-hr), and particulate matter (2.5 microns), and not designated for lead (40 CFR 81.339). Note that the 1-hour ozone standard was revoked effective June 15, 2005, for all areas in Pennsylvania.

Columbia County is part of the Central Pennsylvania Intrastate Air Quality Control Region (AQCR), as designated in he U.S. Code of Federal Regulations, Title 40, Part 81, Subpart B, Section 81.104 (40 CFR 81.104). The attainment status of the Central Pennsylvania Intrastate AQCR with regard to national ambient air quality standards is listed as being better than national standards for sulphur dioxide, nitrogen dioxide, and total suspended particulates, unclassifiable/attainment for carbon dioxide, particulate matter (2.5 and 10 microns), and ozone (8-hr), nonattainment/marginal for ozone (1-hr).

2.3.2.2 Potential Influence of the Plant and its Facilities on Local Meteorology

Figure 2.3-64 presents a map which shows the topography within a 1-mile (1.6-kilometer) radius of the site, the location of the meteorological towers, and SSES Units 1 and 2. Figure 2.3-65 presents a map which shows the topography within a 5 mi (8 km) radius of the site. Figure 2.3-66 presents a map which shows the topography within a 50 mi (80 km) radius of the site. Figure 2.3-67 presents a plot of maximum elevation versus distance from the center of the plant in each of the sixteen 22.5 degree compass point sectors (centered on true north, north-northeast, northeast, etc.) radiating from the plant to a distance of 50 mi (80 km).

BBNPP will be southwest of the existing SSES Units 1 and 2. Some portions of the site will be cleared of existing vegetation and graded to accommodate the reactor building and its ancillary structures. These terrain modifications would be limited to the BBNPP site and the immediate surrounding area and, therefore, will not represent a significant alteration to the topographic character of the region around the BBNPP site.

Construction activity will meet all pertinent federal and state air quality regulations. During operation of BBNPP, the diesel generators to be used in emergencies will be run on a reduced schedule. This schedule will balance maintenance and operability requirements with the need to limit emissions.

Waste heat produced by BBNPP will be dissipated by a closed cycle cooling system. Two natural-draft cooling towers will be used. An analysis was performed to determine any cooling tower impact on local meteorology. The results of the analysis are as follows:

- The sectors of maximum occurrence of visible plumes are ENE and SSW.
- No fogging or icing will occur due to the operation of the BBNPP natural-draft cooling towers due to the height at which the release occurs.
- Maximum salt deposition rates in the vicinity of the BBNPP site and at the existing and proposed switchyards will be lower than the range of values provided in NUREG-1555, Section 5.3.3.2, to predict effects of drift deposition on plants (0.0088 to 0.0198 kg/hectare/month vs. 10 to 20 kg/hectare/month).
- The maximum number of hours, annually, in which the plume will cause shadowing (partial blocking of the sunlight from reaching the ground) was determined to be 3,050 for distances within 400 meters of the cooling tower.
- Since there are no industrial pollution sources within 2 km (1.2 mi) of the BBNPP site, the potential for vapor plume interaction with air pollutant plumes was not evaluated.
- Due to the height of release, it was determined that the cooling tower plumes will not increase ground level humidity.

The effect of the cooling tower upon local cloud and precipitation patterns is expected to be negligible. As such, the plant is not expected to cause any significant influence on local meteorology.

It is not anticipated that plant construction and operation will cause changes in the normal and extreme meteorological values presented in this report.

2.3.2.3 Local Meteorological Conditions for Design and Operating Bases

Meteorological conditions for design and operating bases are discussed in Section 2.3.1.2.

2.3.2.4 References

ASHRAE, 2005. Weather Data Viewer, version 3.0, American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE), Inc., 2005.

NCDC, 2006. U.S. Department of Commerce, NOAA/NESDIS, National Climatic Data Center, Local Climatological Data, 2006 Annual Summary with Comparative Data, Williamsport Pennsylvania (KIPT).

NRC, 1972. Onsite Meteorological Programs, Safety Guide 23 (Regulatory Guide 1.23 Revision 0), U.S. Nuclear Regulatory Commission, February 1972.

NRC, 2007. Meteorological Monitoring Programs for Nuclear Power Plants, Regulatory Guide 1.23, Revision 1, U.S. Nuclear Regulatory Commission, March 2007.

PADEP, 2008. "PA Department of Environmental Protection Air Quality Data,: March 2008.}

2.3.3 Onsite Meteorological Measurement Program

The U.S. EPR FSAR includes the following COL Item in Section 2.3.3:

> A COL applicant that references the U.S. EPR design certification will provide the site-specific, onsite meteorological measurement program.

This COL Item is addressed as follows:

{Section 2.3.3.1 through Section 2.3.3.2 are added as a supplement to the U.S. EPR FSAR.

2.3.3.1 Pre-Application and Pre-operational Meteorological Measurement Program

The pre-application and pre-operational meteorological monitoring program for BBNPP is the operational program for SSES Units 1 and 2. The SSES program was designed in accordance with the guidance provided in Regulatory Guide 1.23 (Safety Guide 23) (NRC, 1972) and complies with the requirements of the second proposed Revision 1 of Regulatory Guide 1.23 March 2007 (NRC, 1986). There are currently three monitoring locations at SSES: a primary meteorological tower, a backup tower, and a supplemental (downriver) tower. The pre-application and pre-operational meteorological monitoring program for BBNPP will only include data from the primary SSES meteorological tower.

2.3.3.1.1 Tower Location

The site is about 8 km (5 mi) ENE of Berwick, Pennsylvania. The primary meteorological tower for SSES is located on the SSES site (650 ft (198 m) msl) approximately 1,115 ft (340 m) to the southeast of the cooling towers. The area is generally level, increasing slightly in elevation to the north and west. South and east of the tower the topography slopes down towards the Susquehanna River. Vegetation in the immediate vicinity consists of low weeds with some deciduous trees in a gully to the south. The deciduous trees are approximately 40 ft (12 m) in height and are approximately 100 ft (30 m) from the tower. An ash facility exists approximately 185 ft (56 m) north of the tower. The maximum height of this structure is approximately 30 ft (9 m).

Figure 2.3-64, presents the location of the SSES and BBNPP meteorological towers as well as the topography of the BBNPP site within a 1 mi (1.6 km) radius. Figure 2.3-65, Topography Within 5-Miles of the BBNPP Site, presents the general topographic features of the region.

2.3.3.1.2 Tower Design

The primary SSES meteorological tower is a 200 ft (61 m) open-lattice steel framed tower.

The primary data recording system used for the SSES meteorological tower is a digital data acquisition system. All telemetry transmitters, translators and a data logger are housed in a weatherproof cinder block building. This building has thermostatically controlled heating and air conditioning. The secondary recording system is the SSES Control Room recorders.

2.3.3.1.3 Instrumentation

Instruments at the SSES meteorological tower monitor temperature, wind speed and direction, delta temperature, dew point and precipitation. Primary meteorological tower instrument types, specifications and accuracies are presented in Table 2.3-139.

The temperature measuring system consists of multiple thermistor composite sensors. Two sensors are mounted in motor aspirated shields at each of the 33 ft (10 m) and 197 ft (60 m) levels (above ground level). Vertical dispersion coefficients are computed from the vertical temperature differences.

Wind speed and direction are monitored at the 33 ft (10 m) and 197 ft (60 m) levels using a 3-cup anemometer and a counterbalanced lightweight vane. The standard deviation of the wind direction (sigma theta) is measured at 33 ft (10 m) and 197 ft (60 m) and is used to compute horizontal dispersion coefficients. Sigma theta calculations based on wind direction measurements are used as a backup to temperature difference readings to monitor atmospheric stability.

The dew point temperature is measured at the 33 ft (10 m) level using a sensor consisting of bifilar gold electrodes wound on a lithium chloride impregnated wick.

Precipitation is measured at the base of the tower using a heated tipping bucket rain gauge. This is a remote reading rain gauge which produces a signal proportional to total rainfall.

The wind sensors are mounted on a boom that is at least twice the length of the tower side. However, the boom is not mounted on the tower such that the instruments are approximately perpendicular to the primary two wind directions. This tower was installed before RG 1.23, Revision 1, was published.

2.3.3.1.4 Instrument Maintenance and Surveillance Schedules

Calibration schedules are specified to comply with Regulatory Guide 1.23 recommendations. Equipment checks are performed at least weekly. Charts are changed as required. Component checks and adjustments are performed when required. All meters and other equipment used in calibration are, in turn, calibrated at scheduled intervals.

Inspection and maintenance of all equipment is accomplished in accordance with procedures. Inspection is implemented by qualified technicians that are capable of performing the maintenance, if required. The results of the inspections and maintenance performed are recorded.

2.3.3.1.5 Data Reduction and Compilation

The primary data recording system is a digital data acquisition system. Both 15-minute and hourly averaged data values are produced. An analog recording system provides a backup in case of digital system failure, so that a high data recovery rate can be maintained. Data recovery rates for the SSES Units 1 and 2 meteorological monitoring program have consistently been greater than 95%.

Section 2.3.3.6 of the SSES Units 1 and 2 FSAR, Rev. 60 (June 2005) (SSES, 2005) describes the analytical data reduction procedures used to produce hourly averages and other specified meteorological compilations including the following:

- For temperature and dew point, computing hourly averages from five second sample data
- Treatment of calm wind conditions
- Computing hourly averages for wind speed and wind direction
- Replacement of invalid or missing digital data with analog data

- Substituting data from the secondary tower level (197 ft (60 m)) for unavailable data from the primary tower level (33 ft (10 m))
- Reducing the 197 ft (60 m) wind speed to the equivalent 33 ft (10 m) value utilizing the wind power law.

The hourly values of the meteorological parameters are then processed to obtain the following compilations:

- Joint frequency distributions of wind speed and stability for lower and upper levels
- Wind direction persistence summaries by stability class
- Maximum, minimum and diurnal variation of temperature and humidity
- Annual average values of relative concentration with direction and distance
- Frequency distribution of concentrations for the 0-2 hour, 0-8 hour, 8-24 hour, 1-4 day and 4-30 day time periods.

The 15-minute averaged data are available for use in determination of magnitude and continuous assessment of the impact of releases of radioactive materials to the environment during a radiological emergency. The hourly averaged data are available for use in:

- Determining radiological effluent release limits associated with normal operations can be met for any individual located off-site.
- Determining radiological dose consequences of postulated accidents meet prescribed dose limits at the Exclusion Area Boundary (EAB) and Low Population Zone (LPZ).
- Evaluating personnel exposures in the control room during radiological and airborne hazardous material accident conditions.
- Determining compliance with numerical guides for design objectives and limiting conditions for operation to meet the requirements that radioactive material in effluents released to unrestricted areas be kept as low as reasonably achievable.
- Determining compliance with dose limits for members of the public.

Annual summaries of meteorological data in the form of joint frequency distributions of wind speed and wind direction by atmospheric stability class are kept onsite and are available to the Nuclear Regulatory Commission upon request. The annual summaries used for licensing are presented in FSAR Section 2.3.2.

ER Section 2.7 indicates that the SSES meteorological data represent long-term conditions at the site by comparing site meteorological statistics with similar statistics from surrounding National Weather Service (NWS) stations (Wilkes-Barre/Scranton, Allentown, and Williamsport, PA). The comparison noted:

- Wilkes-Barre/Scranton is located in the same climatic division as the BBNPP and SSES site. (A climate division represents a region within a state that is as climatically homogeneous as possible, as determined by the U.S. National Climatic Data Center.)
- The monthly mean temperatures at the SSES site are within 0.6 degree Fahrenheit (0.3 degree Celsius) of the three NWS sites on the average. The annual mean temperature

at the SSES site is within 0.1 degree Fahrenheit (0.06 degree Celsius) of the Allentown value.

- The annual average precipitation at the SSES site is within 1.5 inches (38.1 mm) of the Wilkes-Barre/Scranton value.
- Winds are from the SW approximately 11% of the time at the SSES site and are from the SW approximately 13% of the time at Wilkes-Barre/Scranton.

2.3.3.1.6 Nearby Obstructions to Air Flow

Downwind distances from the SSES meteorological tower to nearby (within 0.5 mi (0.8 km)) obstructions to air flow were determined using U.S. Geological Survey topographical maps. Highest terrain is to the west and north. Lowest terrain is to the northeast through southeast (river valley).

Table 2.3-177 presents information on existing man-made potential obstructions to air flow for the SSES meteorological tower.

A study performed to determine the effect of the SSES Units 1 and 2 cooling towers on meteorological measurements at SSES Units 1 and 2 concluded that the impact of the cooling towers on wind speed measurements is minimal and the effect on wind direction measurements is nearly non-existent.

2.3.3.1.7 Deviations to Guidance from Regulatory Guide 1.23

The pre-operational meteorological monitoring program for BBNPP deviates from the guidance provided in Regulatory Guide 1.23, Revision 1 (NRC, 2007) The SSES meteorological tower is not at a distance at least 10 times the height of any nearby obstruction that exceeds one-half the height of the wind measurement. Further discussion is provided in ER Section 6.4.1.1. The SSES meteorological tower is not at the same elevation as the finished plant grade. The SSES tower location was selected to assure the meteorological tower was located on level, open terrain at a suitable distance from any nearby obstructions and complies with the guidance of the second proposed revision to Reguatory Guide 1.23, Revision 1 (NRC, 1986).

The tower, guyed wire, and anchor inspections are performed once every 5 years instead of an annual inspection for tower and guyed wire and an anchor inspection of once every 3 years as provided in Regulatory Guide 1.23, Revision 1.

The wind instruments are not mounted on the tower such that the instruments are approximately perpendicular to the primary two wind directions. Further discussion is provided in Section 2.3.3.1.3.

2.3.3.2 Operational Meteorological Measurement Program

The operational meteorological monitoring program for BBNPP utilizes the BBNPP meteorological tower and its instrumentation, telemetry and data recording system. This program complies with the guidance provided in Regulatory Guide 1.23, Revision 1 (NRC, 2007).

Information relating to the BBNPP meteorological tower location and support facilities for the operational meteorological monitoring program is contained in Section 2.3.3.2.1. Section 2.3.3.2.3 contains general instrument information.

Table 2.3-176 presents information on the BBNPP meteorological tower instrument specifications.The BBNPP meteorological tower instrumentation complies with regulatory guidance in Regulatory Guide 1.23, Revision 1. Information relating to operational instrument maintenance and service schedules is contained in Section 2.3.3.2.4. Data reduction and compilation is contained in Section 2.3.3.2.5.

Pertinent meteorological data is submitted to the NRC's ERDS as required in Section VI of Appendix E to 10 CFR Part 50.

2.3.3.2.1 Tower Location

The BBNPP meteorological tower and support facilities for the operational meteorological monitoring program are located approximately 4,368 ft (1,331 m) ESE of the BBNPP Reactor Building. Grade at the tower is approximately 670 ft (204 m) msl. While tower grade is not the same as plant grade, it is nonetheless acceptable, as discussed in Section 2.3.3.2.7. Figure 2.3-64 presents the location of the BBNPP meteorological tower and the topography of the BBNPP site within a 1 mi (1.6 km) radius. Figure 2.3-65, Topography Within 5-Miles of the BBNPP Site, presents the general topographic features of the region.

2.3.3.2.2 Tower Design

The BBNPP meteorological tower is an open-lattice steel tower approximately 197 ft (60 m) in height.

2.3.3.2.3 Instrumentation

Equipment includes sensors to measure wind speed, wind direction, ambient temperature, delta temperature, dew point or wet bulb temperature, and precipitation.

Sensor accuracies and resolutions will meet those presented in Table 2 of Regulatory Guide 1.23, Revision 1 (NRC, 2007). The wind sensors are mounted at a distance equal to at least twice the horizontal dimension of the tower (e.g., the side of a triangular tower). The wind sensors are mounted in a direction perpendicular to the primary two primary wind directions (up- and down-valley). Wind measurements are made at 33 ft (10 m) and 197 ft (60 m). The temperature sensors will be mounted in downward-pointing aspirated shields. The fan-aspirated shield will be at least one and one half times the tower horizontal width away from the nearest point on the tower. Delta temperature is measured between the 197 ft (60 m) and 33 ft (10 m) levels of the tower. Precipitation is measured at or near the base of the tower and will be equipped with a wind shield. BBNPP meteorological tower instrument types, specifications and accuracies are presented in Table 2.3-176.

2.3.3.2.4 Instrument Maintenance and Surveillance Schedules

Information relating to the primary meteorological tower instrument maintenance and surveillance schedules is provided in Section 2.3.3.1.4.

2.3.3.2.5 Data Reduction and Compilation

The BBNPP meteorological tower data collection uses electronic digital data acquisition systems as the primary data recording system and conforms to the guidance in Regulatory Guide 1.23, Revision 1 (NRC, 2007).

The 15-minute averaged data are available for use in the determination of magnitude and continuous assessment of the impact of releases of radioactive materials to the environment during a radiological emergency (as required in 10 CFR Part 50, Paragraphs 50.47 (b)(4), 50.47

(b)(8), and 50.47 (b)(9) as well as Section IV.E.2 of 10 CFR 50 Appendix E). The hourly averaged data are available for use to:

1. Determine radiological effluent release limits associated with normal operations can be met for any individual located off site (as required in 10 CFR 100.21 (c)(1).
2. Determine radiological dose consequences of postulated accidents meet prescribed dose limits at the Exclusion Area Boundary (EAB) and Low Population Zone (LPZ) (as required in 10 CFR 52.79 (a)(1)(vi)).
3. Evaluate personnel exposures in the control room during radiological and airborne hazardous material accident conditions (as required in 10 CFR Part 50, Appendix A).
4. Determine compliance with numerical guides for design objectives and limiting conditions for operation to meet the requirement that radioactive material in effluents released to unrestricted areas be kept as low as is reasonably achievable (as required in 10 CFR Part 50, Appendix I).
5. Determine compliance with dose limits for individual members of the public (as required in 10 CFR Part 20, Subpart D).

2.3.3.2.6 Nearby Obstructions to Air Flow

Downwind distances from the BBNPP meteorological tower to nearby (within 0.5 mile or 0.8 km) obstructions to air flow were determined using U.S. Geological Survey topographical maps. Highest terrain is to the west and north. Lowest terrain is to the northeast through southeast (river valley). Table 2.3-140 presents the distances to nearby obstructions to air flow in each downwind sector.

Table 2.3-178 presents building heights and distances from various structures to the BBNPP meteorological tower. The BBNPP cooling towers are 475 ft (145 m) tall and the SSES cooling towers are 540 ft (165 m) tall. The two tallest EPR buildings are the Reactor Building 204 ft (62 m) and the Turbine Building 160 ft (49 m). The Turbine Building is also the closest major building to the meteorological tower. Both buildings will be finished floor grade of approximately 720 ft (219 m) msl. Grade at the BBNPP meteorological tower is approximately 670 ft (204 m) msl. This difference is acceptable for the following reasons:

- It is assumed in atmospheric dispersion modeling that the plume follows the terrain, therefore, the meteorological measurements would be applicable for their primary purpose, atmospheric dispersion modeling to protect the health and safety of members of the public.
- The selected location is suitably far from man-made obstructions to air flow.
- Any potential locations closer to plant grade have significant obstructions to air flow.

All EPR buildings are greater than a factor of ten times their respective heights away from the meteorological tower, and as such are not expected to impact the meteorological measurements. The BBNPP and SSES cooling towers are closer than a factor of ten times their respective heights away from the BBNPP meteorological tower. This deviation from Regulatory Guide 1.23, Revision 1 has a minimal influence on the BBNPP meteorological tower instruments as discussed in the study described below.

A study performed to determine the effect of the SSES Unit 1 and 2 cooling towers on meteorological measurements at SSES (refer to Section 2.3.3.1.6) concluded that the impact of the cooling towers on wind speed measurements is minimal and the effect on wind direction measurements is nearly non-existent. Since the BBNPP meteorological tower is further away from the SSES cooling towers than the SSES meteorological tower, it is concluded that there will be little to no impact on wind measurements made at the BBNPP meteorological tower due to the SSES cooling towers. Similarly, since the BBNPP meteorological tower is further away from the BBNPP cooling towers than the SSES meteorological tower is to the SSES cooling towers, it is concluded that there will be little to no impact on wind measurements made at the BBNPP meteorological tower due to the BBNPP cooling towers. In addition, the predominant wind direction for the site has been from the east-northeast at the 10 m level and from the north-northeast at the 60 m level with secondary peaks at both levels from the southwest. Due to the orientation of the BBNPP meteorological tower with respect to the BBNPP and SSES cooling towers, the influence of the local meteorology will act also to minimize the impact of the cooling towers on meteorological measurements.

2.3.3.2.7 Deviations to Guidance from Regulatory Guide 1.23

The BBNPP and SSES cooling towers do not meet the distance criterion of any nearby obstructions to airflow being at least 10 times the height of the structure that exceeds one-half the height of the wind measurement away from the BBNPP meteorological tower. This deviation from Regulatory Guide 1.23, Revision 1 (NRC, 2007) has minimal influence on the BBNPP meteorological tower as discussed in the study described in Section 2.3.3.2.6.

The BBNPP meteorological tower is not at the same elevation as the finished plant grade. The difference between finished plant grade and meteorological tower grade is acceptable, for the following reasons: 1) it is assumed in atmospheric dispersion modeling that the plume follows the terrain; therefore, the meteorological measurements would be applicable for their primary purpose, atmospheric dispersion modeling to protect the health and safety of members of the public, 2) the selected location is suitably far from man-made obstructions to air flow, and 3) any potential locations closer to plant grade have significant obstructions to air flow.

2.3.3.3 References

NRC, 1972. Onsite Meteorological Programs, Safety Guide 23 (Regulatory Guide 1.23 Revision 0), U.S. Nuclear Regulatory Commission, February 1972.

NRC, 1986. Meteorological Measurement Program For Nuclear Power Plants, Regulatory Guide 1.23, Second Proposed Revision 1, U.S. Nuclear Regulatory Commission, April 1986.

NRC, 2007. Meteorological Monitoring Programs for Nuclear Power Plants, Regulatory Guide 1.23, Revision 1, U.S. Nuclear Regulatory Commission, March 2007.

SSES, 2005. Susquehanna Steam Electric Station, Final Safety Analysis Report, Rev. 60, June 2005.}

2.3.4 Short Term Atmospheric Dispersion Estimates for Accident Releases

The U.S. EPR FSAR includes the following COL Items in Section 2.3.4:

> A COL applicant that references the U.S. EPR design certification will confirm that site-specific χ/Q values, based on site-specific meteorological data, are bounded by those specified in Table 2.1-1 at the EAB, LPZ and the control room.
>
> For site-specific χ/Q values that exceed the bounding χ/Q values, a COL applicant that references the U.S. EPR design certification will demonstrate that the

radiological consequences associated with the controlling design basis accident continue to meet the dose reference values given in 10 CFR Part 50.34 and the control room operator dose limits given in GDC 19 using site-specific χ/Q values.

A COL applicant that references the U.S. EPR design certification will provide a description of the atmospheric dispersion modeling used in evaluating potential design basis events to calculate concentrations of hazardous materials (e.g., flammable or toxic clouds) outside building structures resulting from the onsite and/or offsite airborne releases of such materials.

These COL Items are addressed as follows:

{These COL Items are addressed in Section 2.3.4.2.1 through Section 2.3.4.3.

Sections 2.3.4.1 through 2.3.4.4 are added as a supplement to the U.S. EPR FSAR.

2.3.4.1 Objective

This section provides, for appropriate time periods up to 30 days after an accident, conservative estimates of atmospheric dispersion factors (χ/Q) values at the exclusion area boundary (EAB), at the outer boundary of the low population zone (LPZ), and at the control room for postulated accidental radioactive airborne releases. This section also addresses atmospheric dispersion modeling used in Section 2.2.3 to evaluate potential design basis events resulting from the onsite and/or offsite airborne releases of hazardous materials (e.g., flammable vapor clouds, toxic chemicals, and smoke from fires).

2.3.4.2 Calculations

2.3.4.2.1 Conservative Short-Term (Accident Release) Atmospheric Dispersion Estimates for EAB and LPZ

Short-term atmospheric dispersion estimate (χ/Q) values at the Exclusion Area Boundary (EAB) and Low Population Zone (LPZ) are provided in Table 2.1-1 of the U.S. EPR FSAR. Conservative estimates of site-specific atmospheric dispersion for the Bell Bend Nuclear Power Plant (BBNPP) EAB and the boundary of the site-specific LPZ were determined using computer code and seven years of meteorological data (2001-2007) from the onsite monitoring program at the existing Susquehanna Steam Electric Station (SSES) Units 1 and 2. Site-specific local meteorological data are described in Section 2.3.2, Local Meteorology.

Input details for AEOLUS3 Version 1 are provided in Section 2.3.4.3

The determination of the site-specific atmospheric dispersion for the EAB and the outer boundary of the LPZ complies with the guidance provided in Regulatory Guide 1.145, Revision 1 (NRC, 1982).

Conservative estimates of atmospheric dispersion for the EAB and the boundary of the LPZ for BBNPP are presented in Table 2.3-142. The 1-4 days and 4-30 days χ/Q values for the LPZ are bounded by the values presented in Table 2.1-1 in the U.S. EPR Final Safety Analysis Report. The 0-2 hour χ/Q value for the EAB and the 0-2 hour, 2-8 hour, and 8-24 hour χ/Q values for the LPZ are not bounded. The justification for these departures and exemptions is provided in Part 7 of the COL Application.

2.3.4.2.2 Short-Term (Accident Release) Atmospheric Dispersion Estimates for the Control Room

Short-term atmospheric dispersion estimates (χ/Q) values estimated for the control room are provided in Table 2.1-1 of the U.S. EPR FSAR. Short-term atmospheric dispersion χ/Q estimates for unfiltered inleakage into the control room are provided in Table 2.1-1 of the U.S. EPR FSAR. Conservative estimates of the site-specific atmospheric dispersion for the control room were determined using computer code ARCON96 and seven years of meteorological data (2001-2007) from the onsite monitoring program at the existing SSES Units 1 and 2. The version of the ARCON96 code which was used is the May 9, 1997 version which is endorsed in Regulatory Guide 1.194. Site-specific local meteorological data are described in Section 2.3.2, Local Meteorology.

ARCON96 implements the guidance in Regulatory Guide 1.194, "Atmospheric Relative Concentrations for Control Room Radiological Habitability Assessments at Nuclear Power Plants" (NRC, 2003). ARCON96 was specifically developed for the Nuclear Regulatory Commission (NRC, 1997). The determination of the site-specific atmospheric dispersion for the control room complies with the guidance provided in Regulatory Guide 1.194, Revision 0.

Inputs to the ARCON96 computer code are provided in Table 2.3-141.

Conservative site-specific estimates of atmospheric dispersion for the BBNPP control room are presented in Table 2.3-143 through Table 2.3-147. The values for the control room presented in Table 2.3-143 through Table 2.3-147 are bounded by those in Table 2.1-1 within the U.S. EPR Final Safety Analysis Report.

U.S. EPR FSAR Table 2.1-1 provides the locations of potential accident release pathways and their relationship to the control room. COL FSAR Figures 2.1.1-1 and 2.3.4-1 provide the BBNPP site plant and control room location.

2.3.4.2.3 Atmospheric Dispersion Modeling for Hazardous Materials

The description of the atmospheric modeling used in the evaluation of potential design basis events to calculate concentration of hazardous material is provided in Section 2.2.3.1.

2.3.4.3 Input Details for Computer Code AEOLUS3 (Version 1)

AEOLUS3 was developed and validated by Entech Engineering. It implements the guidance in Regulatory Guide 1.145, "Atmospheric Dispersion Models for Potential Accident Consequence Assessments at Nuclear Power Plants," for accidental releases (NRC, 1982).

The following assumptions were made for the short-term atmospheric dispersion analysis:

- Short-term atmospheric dispersion factors determined using AEOLUS3 assumed a ground level release. Therefore, in accordance with Regulatory Guide 1.145, the release point and receptor elevations were assumed to be the same.
- For EAB/LPZ atmospheric dispersion factors for DBAs, all post-accident release points were based on the ground level release model with no dispersion credit for building wake effects. However, plume meander, which predominates building wake effects during short time intervals, is accounted for.
- Downwind distances for which atmospheric dispersion factors for DBA analyses will be determined using computer code AEOLUS3 version 1.0 are: 402 meters (0.25 mile),

EAB, 805 meters (0.5 mile), 1207 meters (0.75 mile), 1560 meters (0.97 miles)[distance from BBNPP to SSES],1609 meters (1.0 mile), 2414 meters (1.5 miles), 3219 meters (2.0 miles), 4023 meters (2.5 miles), 4828 meters (3.0 miles), 6437 meters (4.0 miles), and 8047 meters (5.0 miles).

- The EAB has the following distances for the sixteen compass headings: N through SSW 632 meters (0.39 miles); SW 531 meters (0.33 miles); WSW through WNW 504 meters (0.31 miles); NW 546 meters (0.34 miles); NNW 632 meters (0.39 miles). The distance from Bell Bend Unit 1 Reactor Building centerline to SSES Unit 1 and 2 control room air intakes is 1560 meters (0.97 miles). The distance of 2414 meters (1.5 miles) in the above list corresponds to the LPZ. The analytical distances for the EAB (for example, 632 meters (0.39 miles) in the N through SSW sectors) are equivalent to the physical distances of the EAB measured from the containment building centerline. The difference between the physical and analytical distances (60 m) corresponds to the distance of the US EPR farthest release point from the containment building centerline; this was conservatively assumed to apply to all release points.

- There are two redundant outside air intakes for the CR/TSC envelope, one on the roof of Safeguard Building Division #2 (Building 2UJK), and another on Safeguard Building #3 (Building 3UJK). The locations for these intakes are in the corners farthest away from the containment building (on the northwest corner of Division 2 and the northeast corner of Division 3). In addition, there could be multiple/alternative release points for any given accident, such as four Main Steam Relief Trains for a postulated Steam Generator Tube Rupture accident. In the present application, it was assumed that the outside air for the CR/TSC envelope will be from a single intake.

- For the canopy and depressurization shaft releases, intervening walls and roof in the line of sight between the release points and the Control Room air intakes were conservatively ignored.

Inputs to the AEOLUS3 computer code are provided in Table 2.3-141.

2.3.4.4 References

NRC, 1982. Regulatory Guide 1.145, Revision 1, Atmospheric Dispersion Models for Potential Accident Consequence Assessments at Nuclear Power Plants, U.S. Nuclear Regulatory Commission, November 1982.

NRC, 1997. NURGE/CR-6331, Revision 1, Atmospheric Relative Concentrations in Building Wakes, U.S. Nuclear Regulatory Commission, May 1997.

NRC, 2003. Regulatory Guide 1.194, Revision 0, Atmospheric Relative Concentrations for Control Room Radiological Habitability Assessments at Nuclear Power Plants, U.S. Nuclear Regulatory Commission, June 2003.}

2.3.5 Long-term Atmospheric Dispersion Estimates For Routine Releases

The U.S. EPR FSAR includes the following COL Items in Section 2.3.5:

> A COL applicant that references the U.S. EPR design certification will provide the site-specific, long-term diffusion estimates for routine releases. In developing this information, the COL applicant should consider the guidance provided in Regulatory Guides 1.23, 1.109, 1.111, and 1.112. The maximum annual average χ/Q value at the site boundary, provided in Table 2.1-1, is used to calculate radionuclide concentrations

associated with routine gaseous effluent releases, addressed in Section 11.3, for comparison with environmental release limits and dose limits given in 10 CFR Part 20. If a reactor site has an annual average χ/Q value that exceeds the reference value, then a site-specific evaluation will be performed.

A COL applicant that references the U.S. EPR design certification will also provide estimates of annual average atmospheric dispersion (χ/Q values) and deposition (D/Q values) for 16 radial sectors to a distance of 50 mi from the plant as part of its environmental assessment.

These COL Items are addressed as follows:

{Section 2.3.5.1 through Section 2.3.5.4 are added as a supplement to U.S. EPR FSAR.

2.3.5.1 Objective

This section provides realistic estimates of annual average atmospheric dispersion (χ/Q values) and deposition (D/Q values) to a distance of 50 mi (80 km) for annual average release limit calculations and person-rem estimates.

2.3.5.2 Calculations

Realistic estimates of site-specific annual average atmospheric transport and diffusion characteristics were determined using computer code AEOLUS3 and seven years of meteorological data (2001-2007) from the onsite monitoring program at the existing Susquehanna Steam Electric Station (SSES) Units 1 and 2. Site-specific local meteorological data are described in Section 2.3.2, Local Meteorology.

AEOLUS3 was developed and validated by Entech Engineering. It implements the guidance in Regulatory Guide 1.111, "Methods for Estimating Atmospheric Transport and Dispersion of Gaseous Effluents in Routine Releases from Light-Water-Cooled Reactors," for routine releases (NRC, 1977a).

AEOLUS3 operates in a batch-input mode with various options that are user selectable. The program is based on a straight-line trajectory Gaussian plume model. The plume can be depleted by wet deposition, dry deposition, and radioactive decay. The computed ground-level concentration can be modified to account for plume recirculation or stagnation. The program computes an effective plume height which accounts for physical release height, aerodynamic downwash, plume rise, and terrain heights. Other options include plume-meander effects and wind speed extrapolation.

AEOLUS3 produced the following dispersion parameters: the concentration χ/Q, which is used for the determination of airborne concentrations and inhalation doses at offsite receptors of interest as well as gamma air doses, the gamma χ/Q, which may be employed in the computation of external gamma radiation from the ensuing finite clouds of radioactive material, and the deposition factor D/Q, which is used as a measure of the relative deposition of released radioactivity. Doses calculated due to postulated normal effluents from Bell Bend Nuclear Power Plant (BBNPP) made use of the concentration χ/Q and deposition D/Q values. The gamma χ/Q values, while not used to determine normal effluent doses for BBNPP, represent an alternative methodology to determine gamma air doses.

AEOLUS3 computes plume standard deviations in the horizontal and vertical dimensions (sy and sz, respectively) using the analytical expressions from the Nuclear Regulatory Commission sponsored computer program XOQDOQ. The onsite meteorological data used in the dispersion analysis has been shown to be representative of the region as discussed in Section 2.3.2. Thus, the atmospheric dispersion and deposition factors determined by AEOLUS3 from the site boundary to a radius of 50 mi (80 km) from the plant are appropriate for use in estimating the consequences of routine releases for BBNPP.

Meteorological data summaries used as input to AEOLUS3 are provided in Section 2.3.2. The regulatory guidance described in Regulatory Guide 1.23, Revision 1 (NRC, 2007a), was followed in the determination of appropriate onsite meteorological data. The regulatory guidance described in Regulatory Guide 1.112 (NRC, 2007b) was followed in the determination of points of routine release of radioactive materials to the atmosphere and their characteristics. The regulatory guidance described in Regulatory Guide 1.109, Revision 1 (NRC, 1977b), was followed in the determination of potential receptors of interest.

The following assumptions were made for the long-term atmospheric dispersion analysis:

- Seven years of onsite meteorological data were used (2001 through 2007),
- A mixed mode release from the stack,
- Lower level (10 m or 33 ft) wind speed and direction data were used,
- Wind speed extrapolation was performed using the XOQDOQ coefficients,
- Vertical temperature difference (temperature difference between 60 m (197 ft) and 10 m (33 ft)) data were used,
- Building wake credit was taken using a Reactor Building height of 60 m (197 ft) and cross-sectional area of 2,940 m^2 (31,630 ft^2),
- Stack height was assumed to be 62 m (203 ft),
- Stack inner diameter was assumed to be 3.8 m (12.5 ft (a conservative assumption)),
- Stack flow rate was assumed to be 242,458 ft3/min (6,865,646 l/min) (a conservative·assumption),
- Midpoint energy and relative intensity of the gamma spectrum used to determine gamma χ/Q values were 0.3 MeV and 1.0 MeV/sec,
- Twelve wind speed groups were used per Regulatory Guide 1.23, Revision 1 (with additional wind speed class breakdown at the lower wind speeds that are important for atmospheric dispersion),
- Plume rise was considered for the elevated portion of the mixed mode release,
- Plume meander was considered,
- Site-specific recirculation correction factors were used.
- Dispersion coefficients were modeled as done in NRC code XOQDOQ,
- Regulatory Guide 1.111 depletion and deposition curves were used,

- An annual average mixing height value of 900 m (2,953 ft) was used (conservative value),
- Grid receptor distances were chosen per Regulatory Guide 1.109 (NRC, 1977b), Appendix D, Section 2.6 with some additional distances,
- Special receptors were included (site boundary, nearest residents, gardens, and milk and meat animals) according to the guidance provided in Regulatory Guide 1.109 (NRC, 1977b),
- Terrain height of receptors was considered.

Inputs to the AEOLUS3 computer code are provided in Table 2.3-148.

The atmospheric transport and diffusion model used to determine the long-term atmospheric dispersion estimates for routine releases for BBNPP complies with the guidance provided in Regulatory Guide 1.111, Revision 1 (NRC, 1977a).

A mixed mode release from the BBNPP stack was modeled to determine routine release normal effluent atmospheric dispersion and deposition factors. Figure 2.3-1 of the U.S. EPR Final Safety Analysis Report indicates the location of the stack. As previously stated, seven years of meteorological data (2001-2007) from the onsite monitoring program at SSES Units 1 and 2 were used in the analysis. A summary of these data in the form of a joint frequency distribution of wind speed and direction as a function of atmospheric stability is provided in Section 2.3.2.

Credit for building wake effect was taken. The release point was 203 ft (62 m) above grade (6.6 ft (2 m) above the Reactor Building). Terrain height values for downwind receptor locations were determined using topographic maps from the U.S. Geological Survey. The annual average height of the inversion layer and the maximum allowable plume centerline height were set to 900 m (2,953 ft). This value was determined using Figures 1 and 6 from Report AP-101 (EPA, 1972). A stack flow rate of 242,458 ft3/min was used; this is a conservative value, since the actual flow rate for normal operations will be higher.

Table 2.3-149 through Table 2.3-173 present the site-specific normal effluent annual average atmospheric dispersion and deposition factors for a mixed mode release from the BBNPP stack. Locations of interest (i.e., site boundary, nearest resident, nearest garden, milk/meat animals) were derived from the SSES Annual Radiological Environmental Operating Report for 2006, and from regulatory guidance. The specific locations of the potential receptors of interest are provided in each table in terms of downwind sector and distance from the stack.

2.3.5.3 Site-Specific Evaluation of Maximum Annual Average χ/Q and D/Q

The maximum site-specific annual average χ/Q and D/Q values at or beyond the site boundary are 6.781E-06 sec/m^3 (site boundary, WSW downwind sector, 251 m) and 2.268E-08 /m^2 (site boundary, NE downwind sector, 506.8 m), respectively. The maximum annual average χ/Q at or beyond the site boundary is not bounded by the value presented in Table 2.1-1 within the U.S. EPR Final Safety Analysis Report (FSAR). This χ/Q value is a departure from the U.S. EPR FSAR. The maximum annual average D/Q at or beyond the site boundary is bounded by the value presented in Table 2.1-1 within the U.S. EPR Final Safety Analysis Report (FSAR).

2.3.5.4 References

EPA, 1972. Division of Meteorology, Report AP-101, Mixing Heights, Wind Speeds, and Potential for Urban Air Pollution Throughout the Contiguous United States, U.S. Enviromental Protection Agency, George C. Holztworth, 1972.

NRC, 1977a. Regulatory Guide 1.111, Revision 1, Methods for Estimating Atmospheric Transport and Dispersion of Gaseous Effluents in Routine Releases from Light-Water-Cooled Reactors, U.S. Nuclear Regulatory Commission, July 1977.

NRC, 1977b. Regulatory Guide 1.109, Revision 1, Calculation of Annual Dose to Man from Routine Releases of Reactor Effluents for the Purpose of Evaluating Compliance with 10 CFR Part 50, Appendix I, U.S. Nuclear Regulatory Commission, October 1977.

NRC, 2007a. Regulatory Guide 1.23, Revision 1, Meteorological Monitoring Programs for Nuclear Power Plants, U.S. Nuclear Regulatory Commission, March 2007.

NRC, 2007b. Regulatory Guide 1.112, Revision 1, Calculation of Releases of Radioactive Materials in Gaseous and Liquid Effluents from Light-Water-Cooled Power Reactors, U.S. Nuclear Regulatory Commission, March, 2007.

2.3.6 References

No departures or supplements.

Table 2.3-1— {National Ambient Air Quality Standards}

	Primary Standards		Secondary Standards	
Pollutant	Level	Averaging Time	Level	Averaging Time
Carbon Monoxide	9 ppm (10 mg/m^3)	8-hour(1)	None	
	35 ppm (40 mg/m^3)	1-hour(1)		
Lead	1.5 μg/m^3	Quarterly Average	Same as Primary	
Nitrogen Dioxide	0.053 ppm (100 μg/m^3)	Annual (Arithmetic Mean)	Same as Primary	
Particulate Matter (PM10)	150 μg/m^3	24-hour(2)	Same as Primary	
Particulate Matter (PM2.5)	15.0 μg/m^3	Annual(3) (Arithmetic Mean)	Same as Primary	
	35 μg/m^3	24-hour(4)		
Ozone	0.075 ppm (2008 std)	8-hour(5)	Same as Primary	
	0.08 ppm (1997 std)	8-hour(6)		
	0.12 ppm	1-hour(7) (Applies only in limited areas)		
Sulfur Dioxide	0.03 ppm	Annual (Arithmetic Mean)	0.5 ppm (1300 μg/m^3)	3-hour(1)
	0.14 ppm	24-hour(1)		

(1) Not to be exceeded more than once per year.
(2) Not to be exceeded more than once per year on average over 3 years.
(3) To attain this standard, the 3-year average of the weighted annual mean PM2.5 concentrations from single or multiple community-oriented monitors must not exceed 15.0 μg/m^3.
(4) To attain this standard, the 3-year average of the 98th percentile of 24-hour concentrations at each population-oriented monitor within an area must not exceed 35 μg/m^3 (effective December 17, 2006).
(5) To attain this standard, the 3-year average of the fourth-highest daily maximum 8-hour average ozone concentrations measured at each monitor within an area over each year must not exceed 0.075 ppm. (effective May 27, 2008)
(6) (a) To attain this standard, the 3-year average of the fourth-highest daily maximum 8-hour average ozone concentrations measured at each monitor within an area over each year must not exceed 0.08 ppm.
(b) The 1997 standard-and the implementation rules for that standard-will remain in place for implementation purposes as EPA undertakes rulemaking to address the transition from the 1997 ozone standard to the 2008 ozone standard.
(7) (a) The standard is attained when the expected number of days per calendar year with maximum hourly average concentrations above 0.12 ppm is < 1.
(b) As of June 15, 2005 EPA revoked the 1-hour ozone standard in all areas except the 8-hour ozone nonattainment Early Action Compact (EAC) Areas.

Table 2.3-2— {Tornadoes Reported in Luzerne County, Pennsylvania}

15 TORNADO(s) were reported in Luzerne County, Pennsylvania between 01/01/1950 and 08/31/2007					**Mag:** **Dth:** **Inj:** **PrD:** **CrD:**	**Magnitude** **Deaths** **Injuries** **Property Damage** **Crop Damage**		
Pennsylvania								
Location or County	**Date**	**Time**	**Type**	**Mag**	**Dth**	**Inj**	**PrD**	**CrD**
1 Luzerne	07/04/1960	1630	Tornado	F2	0	0	25K	0
2 Luzerne	01/27/1962	0130	Tornado	F1	0	0	250K	0
3 Luzerne	09/10/1968	1345	Tornado	F2	0	0	25K	0
4 Luzerne	06/19/1975	0930	Tornado	F1	0	0	25K	0
5 Luzerne	05/06/1980	1445	Tornado	F0	0	0	3K	0
6 Luzerne	06/21/1981	1530	Tornado	F1	0	0	25K	0
7 Luzerne	07/06/1984	1615	Tornado	F2	0	12	250K	0
8 Luzerne	05/31/1985	2045	Tornado	F1	0	0	250K	0
9 Luzerne	08/10/1986	1845	Tornado	F0	0	0	3K	0
10 Luzerne	09/20/1988	2000	Tornado	F1	0	0	25K	0
11 Bear Creek	04/16/1993	1520	Tornado	F1	0	0	500K	0
12 Duryea	06/22/1996	03:00 PM	Tornado	F0	0	0	200K	0
13 Pittston	05/31/1998	06:00 PM	Tornado	F0	0	0	50K	0
14 Dallas	07/22/2006	11:15 AM	Tornado	F0	0	0	100K	0
15 Hobbie	12/01/2006	04:52 PM	Tornado	F2	0	5	1.0M	0
				TOTALS:	0	17	2.730M	0

Table 2.3-3— {Tornadoes Reported in Columbia County, Pennsylvania}

8 TORNADO(s) were reported in Columbia County, Pennsylvania between 01/01/1950 and 08/31/2007					**Mag:** **Dth:** **Inj:** **PrD:** **CrD:**	**Magnitude** **Deaths** **Injuries** **Property Damage** **Crop Damage**		
Pennsylvania								
Location or County	**Date**	**Time**	**Type**	**Mag**	**Dth**	**Inj**	**PrD**	**CrD**
1 Columbia	03/26/1964	1230	Tornado	F1	0	0	0K	0
2 Columbia	04/17/1982	1550	Tornado	F2	0	1	25K	0
3 Columbia	07/26/1989	1615	Tornado	F1	0	0	25K	0
4 Columbia	07/15/1992	1300	Tornado	F1	0	0	0K	0
5 Bloomsburg	06/27/1994	1245	Tornado	F1	0	0	500K	0
6 Catawissa	05/27/2001	02:25 PM	Tornado	F0	0	0	0	0
7 Jerseytown	04/28/2002	04:55 PM	Tornado	F1	0	0	90K	0
8 Millville	06/17/2004	03:50 PM	Tornado	F1	0	0	0	0
TOTALS:					0	1	640K	0

Table 2.3-4— {Tropical Storms and Hurricanes Passing Within 100 Statute Miles (161 km) of BBNPP, Pennsylvania}
(Page 1 of 2)

Rec	YEAR	MONTH	DAY	STORM NAME	WIND SPEED(kts)	PRESSURE(mb)	CATEGORY
1	1878	10	23	NOT NAMED	80	975	H1
2	1878	10	23	NOT NAMED	70	0	H1
3	1885	10	13	NOT NAMED	40	0	E
4	1885	10	14	NOT NAMED	40	0	E
5	1888	8	21	NOT NAMED	45	0	TS
6	1888	8	22	NOT NAMED	40	0	TS
7	1893	8	29	NOT NAMED	55	0	TS
8	1893	8	29	NOT NAMED	55	0	TS
9	1899	11	1	NOT NAMED	50	0	E
10	1899	11	1	NOT NAMED	50	0	E
11	1903	9	16	NOT NAMED	55	0	TS
12	1903	9	17	NOT NAMED	55	0	TS
13	1903	9	17	NOT NAMED	45	0	TS
14	1915	8	4	NOT NAMED	25	0	TD
15	1915	8	4	NOT NAMED	25	0	TD
16	1923	10	24	NOT NAMED	45	0	E
17	1923	10	24	NOT NAMED	40	0	E
18	1923	10	24	NOT NAMED	35	0	E
19	1929	10	3	NOT NAMED	35	0	E
20	1929	10	3	NOT NAMED	30	0	E
21	1933	8	24	NOT NAMED	45	0	TS
22	1933	8	24	NOT NAMED	45	0	TS
23	1933	8	24	NOT NAMED	40	0	TS
24	1939	8	19	NOT NAMED	25	0	TD
25	1939	8	20	NOT NAMED	25	0	TD
26	1939	8	20	NOT NAMED	25	0	TD
27	1943	10	1	NOT NAMED	30	0	TD
28	1945	9	18	NOT NAMED	30	0	E
29	1945	9	19	NOT NAMED	25	0	E
30	1949	8	29	NOT NAMED	40	1000	TS
31	1949	8	29	NOT NAMED	35	1000	TS
32	1952	9	1	ABLE	35	0	TS
33	1954	10	15	HAZEL	80	970	E
34	1954	10	16	HAZEL	70	0	E
35	1955	8	13	CONNIE	45	982	TS
36	1955	8	13	CONNIE	35	995	TS
37	1955	8	18	DIANE	45	1004	TS
38	1955	8	19	DIANE	40	1003	TS
39	1959	10	1	GRACIE	30	0	E
40	1959	10	1	GRACIE	30	0	E
41	1979	9	6	DAVID	40	989	TS
42	1979	9	6	DAVID	40	991	TS
43	1979	9	14	FREDERIC	35	997	TS
44	1988	8	29	CHRIS	20	1010	TD
45	1992	9	26	DANIELLE	35	1010	TS
46	1994	8	18	BERYL	15	1011	TD

Table 2.3-4— {Tropical Storms and Hurricanes Passing Within 100 Statute Miles (161 km) of BBNPP, Pennsylvania}

(Page 2 of 2)

Rec	YEAR	MONTH	DAY	STORM NAME	WIND SPEED(kts)	PRESSURE(mb)	CATEGORY
47	1994	8	18	BERYL	15	1010	TD
48	1999	9	7	DENNIS	20	1009	TD
49	1999	9	7	DENNIS	20	1008	TD
50	2006	9	2	ERNESTO	40	1010	E
51	2006	9	3	ERNESTO	35	1012	E
52	2006	9	3	ERNESTO	25	1014	E

E = Extra-tropical
TD = Tropical Depression
TS = Tropical Storm
H1 = Hurricane Category 1

1 knot = 1.15 mph
1 knot = 0.514 m/sec

Table 2.3-5— {Total and Average Numbers of Tropical Storms and Hurricanes (1851-2004)}

	TROPICAL STORMS1		HURRICANES		U.S. HURRICANES	
MONTH	**Total**	**Average**	**Total**	**Average**	**Total**	**Average**
JANUARY-APRIL	5	*	1	*	0	0.00
MAY	18	0.1	4	*	0	0.00
JUNE	76	0.5	28	0.2	19	0.12
JULY	94	0.6	47	0.3	23	0.15
AUGUST	336	2.2	214	1.4	74	0.48
SEPTEMBER	448	2.9	309	2.0	102	0.67
OCTOBER	273	1.8	154	1.0	50	0.33
NOVEMBER	58	0.4	38	0.2	5	0.03
DECEMBER	8	0.1	4	*	0	0.00
YEAR	1316	8.5	799	5.2	273	1.78

1Includes subtropical storms after 1967. See Neumann et al. (1999) for details.

*Less than 0.5

Table 2.3-6— {Monthly Mean Number of Days with Thunderstorms}

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/ Scranton, PA	0.2	0.2	0.6	1.9	3.5	5.3	6.3	4.6	2.2	0.9	0.4	0.2	26.3
Allentown, PA	0.3	0.2	0.8	2.0	3.7	5.4	6.0	5.2	2.6	0.8	0.7	0.1	27.8
Williamsport, PA	0.3	0.3	0.8	2.0	4.5	6.3	7.4	5.6	2.9	0.9	0.5	0.3	31.8

Table 2.3-7— {Drought Events Reported in Luzerne County, Pennsylvania}
(Page 1 of 2)

Date	Time	Description
09/24/1993	0800	Below normal rainfall during the summer months caused reservoirs in the Upper Delaware Basin to drop significantly. Subsequently, a drought warning was issued on September 24 for the Poconos, Northeast Metropolitan, Lehigh Valley, Southeast and portions of the Lower Susquehanna Valley. Normal and above normal precipitation during September and October did allow the reservoirs to recharge in October.
03/01/1995(1)	0000	None provided.
05/01/1995(1)	0000	May 1995 was an unseasonably dry month throughout most of Northeast Pennsylvania and parts of the Middle and Lower Susquehanna Valley. Departures from normal exceeded one inch in this area (Close to two inches in Wayne, Luzerne and Lackawanna Counties). Wilkes-Barre Scranton Airport in Avoca had only 1.40 inches of rain during May. Normal is 3.65 inches.
06/01/1995(1)	0000	June 1995 continued the trend of drier than normal weather throughout most of eastern Pennsylvania except for the Western Poconos and the Middle and Lower Susquehanna Valleys. Monthly rainfall totals of 30 to 67 percent of normal occurred with the driest weather in Lackawanna, Philadelphia and Wyoming Counties. At Philadelphia International Airport, the monthly rainfall of 0.62 inches was the 5th driest June on record. At the Allentown-Bethlehem-Easton Airport, the 1.44 inches of rain was the 6th driest June on record.
09/01/1995(1)	0000	The drought, which entered its thirteenth month, continued unabated throughout Eastern Pennsylvania the first half of September. Rainfall was closer to normal during the second half of the month, especially in the extreme southeast. Consequently Bradford, Bucks, Chester, Delaware, Montgomery and Philadelphia Counties either had normal or above normal rainfall for the month. Most other counties had about 75% of normal rainfall, but precipitation deficiencies of less than 50% of normal (or around two inches below normal for the month) occurred in the Susquehanna Valley in Union, Synder, Perry and Cumberland Counties. The rain came too late to help farmers and by the end of the month, most of Eastern Pennsylvania was under a drought emergency. Harrisburg Pennsylvania set a record for the longest period without measurable precipitation, 28 days, from August 10 through September 7. September started dry and a Drought Warning was declared by the Pennsylvania Department of Environmental Protection for all of Eastern Pennsylvania on the 1st. The warning asked for voluntary conservation of non-essential water use. Tougher, mandatory restrictions were implemented during the first half of the month in some townships in Bucks and Lancaster Counties. In Lancaster County by September 13th about 80 separate brush fires were extinguished. Most were caused by cigarette butts tossed from moving cars, sparks from railroads and fires which burned out of control. Ephrata Township banned all outside burning. On September 14th the Susquehanna River Basin Commission declared a drought warning. On September 15th, the Delaware River Basin Commission declared a drought warning (first since 1993) for all or part of 17 eastern counties within the river's 13,539 square mile drainage basin. Both warnings requested voluntary curbs on non-essential water use. On September 20th, the drought warning was upgraded to a drought emergency for all of Eastern Pennsylvania except Perry, Dauphin, Lebanon, Cumberland, York and Lancaster Counties. It was the first drought emergency declared in Pennsylvania since July 1991. Mandatory restrictions were in place concerning water use on lawns, gardens, golf courses, paved surfaces, water fountains and vehicles. Crop losses caused by the drought were estimated at $300 million statewide. Corn yields averaged 106 bushels per acre versus a normal of 120 bushels per acre. Soybean yields averaged 40 bushels per acre versus a normal of 60 bushels per acre. The late soybean crop was deemed "not worth anything". In alfalfa fields, there were three cuttings instead of four. Also affected by the drought were pumpkins (smaller and matured faster than normal) and Christmas trees (smaller). The lack of water took its toll on livestock also, although the greatest damage was done during the oppressive heat wave in the middle of July.

Table 2.3-7— {Drought Events Reported in Luzerne County, Pennsylvania}
(Page 2 of 2)

Date	Time	Description
08/01/1997	12:00 AM	A very dry summer finally culminated in major crop failures come harvest time towards the end of August. Sweet corn and tomatoes, two of the major money making crops for small farmers in northeast Pennsylvania, appeared to suffer some of the worst damage. According to figures from some of the individual farmers themselves and also the Pennsylvania State Agricultural Extension Service, losses nearing 1.5 million dollars were tallied. Financial assistance was granted in many cases. Precipitation figures at the Wilkes-Barre Scranton airport and other cooperative sites across the region averaged less than 30% of normal for the period from June 1st to the end of August. At long last, a couple of more significant rainfall events began to ease the situation at the very end of August.
12/01/1998	12:00 AM	December was another very dry month across northeastern Pennsylvania. This culminated a six month period starting back in the early summer of dry conditions. During December, much of the region received between 1.0 and 1.5 inches of liquid equivalent precipitation. This equates to half or less of the normal precipitation for the month. Precipitation totals for the six month period between June and December averaged 6 to 7 inches below climatological normals for the entire region. A drought watch was issued early in the month by the Pennsylvania Department of Environmental Protection. This watch called for voluntary water conservation. The watch was upgraded to a drought warning on the 14th. The Delaware River Basin Commission followed suit with a drought warning issuance for those counties within the Delaware River Basin, including Wayne and Pike. These warnings remained in effect for the remainder of the month and called for a ten percent voluntary reduction in non-essential water usage.
09/01/1999	12:00 AM	A very dry spring and summer caused major crop failures and some wells to run dry. Many streams and rivers were also brought to their lowest recorded levels. The crops most affected were corn and hay, which dealt a major blow to dairy farmers. September rains from the remnants of Hurricanes Dennis and Floyd helped to ease the summertime drought conditions although they came too late to help the vegetable and grain crops.
Note: (1) Considered to be a single contiguous event.		

Table 2.3-8— {Drought Events Reported in Columbia County, Pennsylvania}
(Page 1 of 2)

Date	Time	Description
03/01/1995	0000(1)	None provided.
05/01/1995	0000(1)	May 1995 was an unseasonably dry month throughout most of Northeast Pennsylvania and parts of the Middle and Lower Susquehanna Valley. Departures from normal exceeded one inch in this area (Close to two inches in Wayne, Luzerne and Lackawanna Counties). Wilkes-Barre Scranton Airport in Avoca had only 1.40 inches of rain during May. Normal is 3.65 inches.
05/01/1995	0000	Three consecutive months of below normal precipitation culminated in one of the driest springs on record for the Poconos, Middle Susquehanna Valley and parts of the Philadelphia Metropolitan Area. It was the second driest spring on record at Williamsport with only 5.55 inches falling. It was the 5th driest spring on record in Philadelphia with only 6.30 inches falling.
09/01/1995	0000(1)	The drought, which entered its thirteenth month, continued unabated throughout Eastern Pennsylvania the first half of September. Rainfall was closer to normal during the second half of the month, especially in the extreme southeast. Consequently Bradford, Bucks, Chester, Delaware, Montgomery and Philadelphia Counties either had normal or above normal rainfall for the month. Most other counties had about 75% of normal rainfall, but precipitation deficiencies of less than 50% of normal (or around two inches below normal for the month) occurred in the Susquehanna Valley in Union, Synder, Perry and Cumberland Counties. The rain came too late to help farmers and by the end of the month, most of Eastern Pennsylvania was under a drought emergency. Harrisburg Pennsylvania set a record for the longest period without measurable precipitation, 28 days, from August 10 through September 7. September started dry and a Drought Warning was declared by the Pennsylvania Department of Environmental Protection for all of Eastern Pennsylvania on the 1st. The warning asked for voluntary conservation of non-essential water use. Tougher, mandatory restrictions were implemented during the first half of the month in some townships in Bucks and Lancaster Counties. In Lancaster County by September 13th about 80 separate brush fires were extinguished. Most were caused by cigarette butts tossed from moving cars, sparks from railroads and fires which burned out of control. Ephrata Township banned all outside burning. On September 14th the Susquehanna River Basin Commission declared a drought warning. On September 15th, the Delaware River Basin Commission declared a drought warning (first since 1993) for all or part of 17 eastern counties within the river's 13,539 square mile drainage basin. Both warnings requested voluntary curbs on non-essential water use. On September 20th, the drought warning was upgraded to a drought emergency for all of Eastern Pennsylvania except Perry, Dauphin, Lebanon, Cumberland, York and Lancaster Counties. It was the first drought emergency declared in Pennsylvania since July 1991. Mandatory restrictions were in place concerning water use on lawns, gardens, golf courses, paved surfaces, water fountains and vehicles. Crop losses caused by the drought were estimated at $300 million statewide. Corn yields averaged 106 bushels per acre versus a normal of 120 bushels per acre. Soybean yields averaged 40 bushels per acre versus a normal of 60 bushels per acre. The late soybean crop was deemed "not worth anything". In alfalfa fields, there were three cuttings instead of four. Also affected by the drought were pumpkins (smaller and matured faster than normal) and Christmas trees (smaller). The lack of water took its toll on livestock also, although the greatest damage was done during the oppressive heat wave in the middle of July.
10/31/1997	08:00 AM	As the growing season drew to a close, farmers assessed damage from an early season drought. Forty-six counties and their contiguous neighbors were declared agricultural disaster areas by the U.S. Department of Agriculture. Farmers in all Pennsylvania counties became eligible for disaster relief. Precipitation deficits for the growing season from April through October ranged from -1.6 inches over Cumberland County to a disastrous -8.5 inches over York County. Much of the rain over Cumberland and Mifflin Counties fell during the flash flood of September 11th, too late to be beneficial to crops.

Table 2.3-8— {Drought Events Reported in Columbia County, Pennsylvania}
(Page 2 of 2)

Date	Time	Description
12/15/1998	12:01 AM	Abnormally dry conditions through the Fall months developed into drought across all of central Pennsylvania by mid-December. Governor Tom Ridge declared drought emergency conditions in 9 central Pennsylvania counties with drought warnings in others, calling for restrictions on water use and reduced water consumption of 10 to 15 percent. Precipitation departures from normal for the 4 months leading up to the declaration totaled more than 8 inches in a number of locations, with nearly all areas in deficit by more than 4 inches. Bans were placed on outdoor burning as numerous woodland and brush fires occurred across the region.
07/01/1999	12:00 AM	Governor Ridge declared a drought emergency in 55 of the 67 counties of Pennsylvania following extended dry weather through much of the summer. Water usage was restricted. Precipitation deficits for many counties for the months of May through July averaged between 5 and 7 inches. Precipitation departures for the 365 day period ending in mid-July were over 1 foot below normal in many places. This is about one-third of total annual normal precipitation in most areas. Streams were empty, wells dried up, and the Susquehanna River hit record low flows. Hot sunny days combined with the dry weather to take a large toll on crops. Estimates by the Department of Agriculture indicated possible crop losses in excess of $500 million. The figure did not include a 20% decrease in milk production due to the drought that would also result in million dollar losses. There were some counties that experienced 70 to 100% crop loss. At least 30% losses are needed for a drought disaster declaration.
08/01/1999	12:01 AM	A drought emergency remained in effect for 55 of the 67 counties of Pennsylvania. In spite of the severe flash flooding in a few locations and normal or above normal precipitation in many others, water tables remained low and water usage was restricted.
Note: (1) Considered to be a single contiguous event.		

Table 2.3-9— {Fifty Knots or Greater High Wind Events in Luzerne County, Pennsylvania}
(Page 1 of 2)

Date	Time	Wind Speed knots (m/s)	Type
06/06/1971	1752	76 (39)	Tstm Wind
04/03/1982	1440	60 (31)	Tstm Wind
07/16/1988	1712	50 (26)	Tstm Wind
01/14/1992	0935	64 (33)	Tstm Wind
09/03/1993	1630	52 (27)	Tstm Wind
05/24/1995	1924	56 (29)	Tstm Wind
07/18/1997	04:35 PM	55 (28)	Tstm Wind
02/17/1998	04:00 PM	55 (28)	High Wind
05/31/1998	05:15 PM	175 (90)	Tstm Wind/hail
09/07/1998	11:10 AM	65 (33)	Tstm Wind
07/09/1999	09:55 PM	50 (26)	Tstm Wind
05/18/2000	04:00 PM	65 (33)	Tstm Wind
06/02/2000	04:18 PM	55 (28)	Tstm Wind
12/12/2000	05:00 AM	52 (27)	High Wind
04/09/2001	06:50 PM	52 (27)	Tstm Wind
04/09/2001	06:50 PM	52 (27)	Tstm Wind
05/27/2001	05:00 PM	80 (41)	Tstm Wind
07/01/2001	01:50 PM	55 (28)	Tstm Wind
07/10/2001	03:10 PM	50 (26)	Tstm Wind
03/09/2002	11:25 PM	60 (31)	Tstm Wind
07/21/2003	04:50 PM	55 (28)	Tstm Wind
07/21/2003	05:10 PM	55 (28)	Tstm Wind
09/19/2003	05:00 AM	50 (26)	High Wind
10/15/2003	12:00 PM	60 (31)	High Wind
11/13/2003	12:00 PM	58 (30)	High Wind
08/20/2004	03:00 PM	60 (31)	Tstm Wind
11/25/2004	08:00 AM	60 (31)	Tstm Wind
06/06/2005	12:20 PM	50 (26)	tstm Wind
06/09/2005	03:00 PM	75 (39)	Tstm Wind
07/13/2005	03:25 PM	50 (26)	Tstm Wind
08/12/2005	04:25 PM	50 (26)	Tstm Wind
08/14/2005	05:40 PM	50 (26)	Tstm Wind
11/06/2005	05:45 PM	50 (26)	Tstm Wind
11/06/2005	06:04 PM	57 (29)	Tstm Wind
11/06/2005	06:12 PM	50 (26)	Tstm Wind
11/09/2005	04:30 PM	50 (26)	Tstm Wind
11/29/2005	06:00 AM	50 (26)	Strong Wind
02/17/2006	09:25 AM	57 (29)	Tstm Wind
07/02/2006	03:35 PM	50 (26)	Tstm Wind
08/03/2006	03:35 PM	50 (26)	Tstm Wind
12/01/2006	03:00 PM	51 (26)	High Wind
12/01/2006	04:45 PM	55 (28)	Tstm Wind
12/01/2006	04:50 PM	66 (34)	Tstm Wind
12/01/2006	04:55 PM	57 (29)	Tstm Wind
06/08/2007	1:15 PM	50 (26)	Tstm Wind

Table 2.3-9— {Fifty Knots or Greater High Wind Events in Luzerne County, Pennsylvania}
(Page 2 of 2)

Date	Time	Wind Speed knots (m/s)	Type
06/19/2007	16:34 PM	50 (26)	Tstm Wind
06/19/2007	16:55 PM	50 (26)	Tstm Wind
06/19/2007	17:05 PM	50 (26)	Tstm Wind
06/27/2007	17:30 PM	52 (27)	Tstm Wind
07/27/2007	16:15 PM	52 (27)	Tstm Wind
08/07/2007	23:35 PM	50 (26)	Tstm Wind
08/25/2007	18:20 PM	50 (26)	Tstm Wind
Wind speed conversion: 1 knot = 1.15 mph = 0.515 mps			

Table 2.3-10— {Winds Greater than 75 mph and Less than 124 mph in Luzerne County, Pennsylvania}

Date	Time	Wind Speed knots (m/s)	Type
06/06/1971	1752	76 (39)	Tstm Wind
05/27/2001	05:00 PM	80 (41)	Tstm Wind
06/09/2005	03:00 PM	75 (39)	Tstm Wind
12/01/2006	16:50 PM	66 (34)	Tstm Wind
Wind speed conversion: 1 knot = 1.15 mph = 0.515 mps			

Table 2.3-11— {Fifty Knots or Greater High Wind Events in Columbia County, Pennsylvania}
(Page 1 of 2)

Date	Time	Wind Speed knots (m/s)	Type
04/17/1982	1645	60 (31)	Tstm Wind
09/23/1986	1245	52 (27)	Tstm Wind
04/23/1996	03:15 PM	52 (27)	Tstm Wind
05/03/1997	03:45 PM	51 (26)	Tstm Wind
05/06/1997	09:05 AM	51 (26)	Tstm Wind
05/19/1997	07:15 PM	51 (26)	Tstm Wind
07/18/1997	04:15 PM	51 (26)	Tstm Wind
07/18/1997	04:20 PM	51 (26)	Tstm Wind
08/16/1997	02:20 PM	51 (26)	Tstm Wind
05/29/1998	04:45 PM	51 (26)	Tstm Wind
05/31/1998	08:30 PM	51 (26)	Tstm Wind
06/02/1998	05:10 PM	51 (26)	Tstm Wind
06/16/1998	06:10 PM	51 (26)	Tstm Wind
06/16/1998	07:56 PM	51 (26)	Tstm Wind
06/16/1998	08:15 PM	51 (26)	Tstm Wind
06/30/1998	04:20 PM	51 (26)	Tstm Wind
07/17/1998	03:40 PM	51 (26)	Tstm Wind
08/25/1998	09:15 PM	51 (26)	Tstm Wind
09/16/1999	04:00 PM	60 (31)	High Wind
09/29/1999	08:00 PM	60 (31)	High Wind
04/09/2000	06:00 AM	58 (30)	High Wind
06/30/2001	07:30 PM	50 (26)	Tstm Wind
07/01/2001	02:30 PM	50 (26)	Tstm Wind
07/17/2001	04:00 PM	50 (26)	Tstm Wind
08/28/2001	02:30 PM	50 26)	Tstm Wind
10/16/2001	04:10 PM	50 (26)	Tstm Wind
03/09/2002	07:30 PM	50 (26)	High Wind
03/09/2002	11:05 PM	50 (26)	Tstm Wind
07/18/2003	05:05 PM	50 (26)	Tstm Wind
07/21/2003	04:55 PM	50 (26)	Tstm Wind
11/13/2003	05:00 AM	71 (37)	High Wind
05/26/2004	05:08 PM	50 (26)	Tstm Wind
06/17/2004	04:32 PM	50 (26)	Tstm Wind
11/25/2004	07:30 AM	50 26)	Tstm Wind
06/06/2005	12:05 PM	60 (31)	Tstm Wind
06/06/2005	12:10 PM	50 (26)	Tstm Wind
06/06/2005	12:30 PM	50 (26)	Tstm Wind
06/06/2005	12:50 PM	50 26)	Tstm Wind
07/13/2005	03:20 PM	75 (39)	Tstm Wind
07/13/2005	04:26 PM	50 (26)	Tstm Wind
07/13/2005	04:45 PM	50 (26)	Tstm Wind
07/26/2005	08:30 PM	50 (26)	Tstm Wind
07/27/2005	02:00 PM	50 (26)	Tstm Wind
11/06/2005	05:40 PM	50 (26)	Tstm Wind
05/30/2006	09:30 PM	50 (26)	Tstm Wind

Table 2.3-11— {Fifty Knots or Greater High Wind Events in Columbia County, Pennsylvania}
(Page 2 of 2)

Date	Time	Wind Speed knots (m/s)	Type
06/22/2006	08:10 PM	50 (26)	Tstm Wind
08/26/2006	12:10 AM	50 (26)	Tstm Wind
12/01/2006	16:32 PM	50 (26)	Tstm Wind
06/08/2007	20:40 PM	50 (26)	Tstm Wind
06/12/2007	17:05 PM	50 (26)	Tstm Wind
06/12/2007	17:15 PM	50 (26)	Tstm Wind
06/27/2007	12:30 PM	50 (26)	Tstm Wind
06/27/2007	17:25 PM	50 (26)	Tstm Wind
08/17/2007	12:40 PM	50 (26)	Tstm Wind
08/25/2007	16:05 PM	50 (26)	Tstm Wind
08/25/2007	17:45 PM	50 (26)	Tstm Wind
Wind speed conversion: 1 knot = 1.15 mph = 0.515 mps			

Table 2.3-12— {Winds Greater than 75 mph and Less than 124 mph in Columbia County, Pennsylvania}

Date	Time	Wind Speed knots (m/s)	Type
11/13/2003	05:00 AM	71 (37)	High Wind
07/13/2005	03:20 PM	75 (39)	Tstm Wind
Wind speed conversion: 1 knot = 1.15 mph = 0.515 mps			

Table 2.3-13— {Hail Events in Luzerne County, Pennsylvania}
(Page 1 of 2)

Location or County	Date	Time	Type	Diameter inches mm
1 LUZERNE	06/10/1958	1728	Hail	1 25.4
2 LUZERNE	06/10/1958	1728	Hail	1 25.4
3 LUZERNE	06/06/1971	1655	Hail	1.75 44
4 LUZERNE	06/06/1971	1735	Hail	1 25.4
5 LUZERNE	07/03/1975	1100	Hail	1.75 44
6 LUZERNE	07/03/1975	1145	Hail	0.75 19
7 LUZERNE	06/29/1976	1630	Hail	1.75 44
8 LUZERNE	06/30/1976	0940	Hail	1.75 44
9 LUZERNE	06/24/1985	1030	Hail	0.75 19
10 LUZERNE	06/24/1985	1030	Hail	2.75 70
11 LUZERNE	06/24/1985	1130	Hail	2.75 70
12 LUZERNE	07/12/1985	1653	Hail	1 25.4
13 LUZERNE	06/30/1990	1830	Hail	1.75 44
14 Mountaintop	08/27/1994	1450	Hail	1 25.4
15 Mountain Top	06/14/1995	1450	Hail	1 25.4
16 Mountaintop Plymouth	07/06/1995	1715	Hail	Not listed
17 Plymouth And Mountain	07/15/1995	1615	Hail	1 25.4
18 Shavertown	05/31/1998	05:15 PM	Tstm Wind/hail	Not listed
19 Dorrance	05/24/2000	02:15 PM	Hail	1.75 44
20 Huntsville	07/10/2001	03:15 PM	Hail	1 25.4
21 Plymouth	07/10/2001	03:30 PM	Tstm Wind/hail	Not listed
22 Nanticoke	07/11/2001	03:40 AM	Hail	1.75 44.
23 Plymouth	07/11/2001	03:40 AM	Tstm Wind/hail	Not listed
24 Wilkes Barre	11/25/2001	04:30 PM	Tstm Wind/hail	Not listed
25 White Haven	05/11/2003	06:55 PM	Hail	0.75 19
26 Wilkes Barre	08/16/2003	12:30 PM	Hail	0.75 19
27 Dallas	05/24/2004	02:30 PM	Hail	1 25.4

Table 2.3-13— {Hail Events in Luzerne County, Pennsylvania}
(Page 2 of 2)

Location or County	Date	Time	Type	Diameter inches mm
28 Nescopeck	06/06/2005	12:30 PM	Hail	0.75 19
29 Nanticoke	04/24/2006	04:15 AM	Hail	0.88 22
30 White Haven	05/30/2006	03:45 PM	Hail	0.75 19
31 West Wyoming	06/09/2006	04:53 PM	Hail	0.88 22
32 Hughestown	06/09/2006	05:00 PM	Hail	0.75 19
33 Hughestown	06/09/2006	05:05 PM	Hail	0.88 22
34 Hazleton	07/09/2006	06:25 PM	Hail	0.75 19
35 Hazleton	07/09/2006	06:56 PM	Hail	0.88 22
36 Mtn Top	07/09/2006	07:02 PM	Hail	0.75 19
37 Hazleton	07/09/2006	07:20 PM	Hail	0.88 22
38 West Hazleton	07/11/2006	09:21 PM	Hail	0.75 19
39 Harveys Lake	05/31/2007	14:05 PM	Hail	0.75 19
40 Wilkes Barre	07/06/2007	17:30 PM	Hail	0.75 19
41 Conyngham	08/17/2007	12:55 PM	Hail	0.75 19
42 Hazleton Municipal Airport	8/17/2007	13:00 PM	Hail	0.88 22
43 Jeanesville	08/17/2007	13:00 PM	Hail	0.75 19
44 Jeanesville	08/17/2007	13:05 PM	Hail	1.75 44
45 Jeanesville	08/17/2007	13:18 PM	Hail	1.25 32

Table 2.3-14— {Hail Events in Columbia County, Pennsylvania}
(Page 1 of 2)

Location or County	Date	Time	Type	Diameter inches mm
1 COLUMBIA	07/11/1980	1800	Hail	1.75 44
2 COLUMBIA	07/19/1983	1235	Hail	2.75 70
3 COLUMBIA	08/01/1986	1615	Hail	2.00 51
4 COLUMBIA	07/23/1991	1300	Hail	1 25.4
5 COLUMBIA	07/15/1992	1255	Hail	2.00 51
6 Orangeville	07/06/1994	1725	Hail	0.75 19
7 Bloomsburg	08/27/1994	1629	Hail	1 25.4
8 Bloomsburg	04/04/1995	1055	Hail	0.75 19.
9 Centralia	05/11/1996	02:05 PM	Hail	1.75 44
10 Centralia	06/02/1998	08:45 PM	Hail	0.75 19
11 Jerseytown	09/07/1998	10:41 AM	Hail	0.88 22
12 Benton	05/10/2000	11:10 AM	Hail	1 25.4
13 Stillwater	05/24/2000	01:45 PM	Hail	0.75 19
14 Millville	07/21/2000	02:15 PM	Hail	1.25 32
15 Millville	06/20/2001	02:15 PM	Hail	1 25.4
16 Waller	09/13/2001	05:35 PM	Hail	1.75 44
17 Millville	09/13/2001	06:15 PM	Hail	0.75 19
18 Numidia	05/26/2004	05:25 PM	Hail	0.75 19
19 Millville	06/17/2004	03:40 PM	Hail	0.88 22
20 Bloomsburg	07/14/2004	02:54 PM	Hail	0.75 19
21 Central	08/12/2005	04:15 PM	Hail	1 25.4
22 Numidia	05/30/2006	05:59 PM	Hail	1 25.4
23 Bloomsburg	06/13/2007	13:55 PM	Hail	0.75 19
24 Bloomsburg	06/19/2007	16:40 PM	Hail	0.75 19
25 Millville	08/17/2007	12:43 PM	Hail	0.88 22

Table 2.3-14— {Hail Events in Columbia County, Pennsylvania}
(Page 2 of 2)

Location or County	Date	Time	Type	Diameter inches mm
26 Bloomsburg	08/17/2007	13:16 PM	Hail	1 25.4
27 Bloomsburg	08/25/2007	16:00 PM	Hail	0.75 19
28 Orangeville	08/30/2007	16:35 PM	Hail	0.88 22

Table 2.3-15— {Ice Storm Events in Luzerne County, Pennsylvania}

Location or County	Start Date and time	End Date and Time	Ice Thickness
PAZ038>040 - 043>044 - 047>048	01/02/1999 05:00 PM	01/03/1999 09:00 AM	Not listed
PAZ038>040 - 043>044 - 047>048	01/13/1999 08:00 PM	01/15/1999 11:00 AM	Not listed
PAZ038>040 - 043>044 - 047>048	02/13/2000 05:00 PM	02/14/2000 03:00 PM	Up to 0.25 inches 6.35 mm
PAZ040 - 043>044 - 047>048	12/13/2000 11:00 PM	12/14/2000 10:00 AM	0.25 to 0.5 inches 6.35 to 12.7 mm
PAZ038>040 - 043>044 - 047>048	02/24/2001 11:00 PM	02/25/2001 12:00 PM	Not listed
PAZ038>040 - 043>044 - 047>048	01/31/2002 01:00 AM	01/31/2002 11:59 PM	Up to 0.25 inches 6.35 mm
PAZ038>040 - 043>044 - 047>048	02/01/2002 12:00 AM	02/01/2002 12:00 PM	Up to 0.25 inches 6.35 mm
PAZ038>040 - 043>044 - 047>048	12/11/2002 08:00 AM	12/12/2002 08:00 AM	Up to 0.5 inches 12.7 mm
PAZ038>040 - 043>044 - 047>048 - 072	01/06/2005 02:00 AM	01/06/2005 02:00 PM	Up to 0.25 inches 6.35 mm
PAZ038>040 - 043>044 - 047>048 - 072	10/25/2005 11:00 AM	10/25/2005 10:00 PM	Not listed
PAZ040 - 043>044 - 047>048 - 072	12/16/2005 06:00 AM	12/16/2005 08:00 AM	Up to 0.5 inches 12.7 mm
PAZ038>040 - 043>044 - 047>048 - 072	02/13/2007 03:00 PM	02/14/2007 21:00 PM	Not listed
PAZ038>040 - 043>044 - 047	04/15/2007 01:00 AM	04/16/2007 19:00 PM	Not listed

Table 2.3-16— {IceStorm Events in Columbia County, Pennsylvania}
(Page 1 of 2)

Location or County	Start Date and time	End Date and Time	Ice Thickness
PAZ037>047 - 049>054 - 056>059	11/27/1994 1500 PM	11/27/1994 2130 PM	Not listed
PAZ037>043 - 045 - 046 - 048>053 - 058	12/09/1994 1300 PM	12/09/1994 2100 PM	Not listed
PAZ037>055 - 058 - 060>062	12/31/1994 1445 PM	01/01/1995 0500	Not listed
PAZ045 - 046 - 048>055 - 058 - 060>062	01/06/1995 1900 PM	01/07/1995 0500 AM	Not listed
PAZ037>043 - 045 - 046 - 049>055 - 058-060>062	01/11/1995 1900 PM	01/12/1995 0400 AM	Not listed
PAZ037>055 - 058 - 060>062	01/31/1995 1445 PM	02/01/1995 0500 AM	Not listed
PAZ037>039 - 041>053 - 056 - 057 - 059-063>071	02/15/1995 0900 AM	02/15/1995 2100 PM	Not listed
PAZ045 - 046 - 049 - 053>059 - 063>066	02/26/1995 2200 PM	02/27/1995 0400 AM	Not listed
PAZ037>039 - 041 - 042 - 045 - 046 -049>053	02/27/1995 1000 AM	02/28/1995 0500 AM	Not listed
PAZ004 - 005 - 006 - 010 - 011 - 012- 017>019 - 024>028 - 033>037 - 041 - 042 - 045 - 046 - 049>053- 056 - 063	11/14/1995 0600 AM	Not provided	Not listed
PAZ004 - 005 - 006 010 - 011 - 012 017>019- 024>028 - 033>037 - 041 - 042 - 045 - 046 - 049>053 - 056 - 063	12/19/1995 0500 AM	12/20/1995 0300 AM	Not listed
PAZ017>019 - 024 - 026>028 - 036>037- 041>042 - 045 - 049>053 - 056>059 - 063>066	02/13/1997 12:00 PM	02/13/1997 12:00 PM	Not listed
PAZ005>006 - 010>012 - 017>019 - 024>028- 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	01/15/1998 04:00 PM	01/15/1998 0400 AM	Up to 0.25 inches 6.35 mm
PAZ006 - 012 - 018>019 - 037 - 041>042- 045>046 - 049>053	01/22/1998 10:00 PM	01/22/1998 10:00 PM	Not listed
PAZ004>006 - 010>012 - 017>019 - 024>028- 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	01/02/1999 11:00 PM	01/02/1999 11:00 PM	Not listed
PAZ004>006 - 010>012 - 017>019 - 024>028- 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	01/08/1999 08:00 PM	01/08/1999 08:00 PM	Not listed
PAZ004>006 - 010>012 - 017>019 - 024>028- 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	01/14/1999 06:00 AM	01/14/1999 06:00 AM	Not listed
PAZ005>006 - 010>012 - 018>019 - 025>028- 037 - 041>042 - 045>046 - 049>053 - 056>059 - 064>066	02/13/2000 06:00 PM	02/14/2000 08:00 AM	Not listed
PAZ005>006 - 010>012 - 017>019 - 024>028- 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	02/18/2000 08:00 AM	02/19/2000 08:00 AM	Not listed
PAZ004>006 - 010>012 - 017>019 - 024>028- 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	12/13/2000 10:00 PM	12/14/2000 10:00 AM	Up to 0.25 inches 6.35 mm
PAZ004>006 - 010>012 - 017>019 - 024>028- 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	12/10/2002 08:00 AM	12/11/2002 10:00 PM	0.25 to 0.5 inches 6.35 to12.7 mm
PAZ005>006 - 010>012 - 041>042 - 045>046- 053	01/01/2003 03:00 AM	01/02/2003 08:00 PM	Not listed for Columbia County
PAZ004>005 - 010>011 - 017>019 - 024>028- 033>036 - 042 - 049>053 - 056>059 - 063>066	02/06/2004 05:00 AM	02/06/2004 03:00 PM	0.25 to 0.5 inches 6.35 to12.7 mm
PAZ004>006 - 010>012 - 017>019 - 024>028- 034 - 037 - 041>042 - 045>046 - 049>053 - 058	01/05/2005 10:00 PM	01/06/2005 10:00 AM	Not listed for Columbia County

Table 2.3-16— {IceStorm Events in Columbia County, Pennsylvania}
(Page 2 of 2)

Location or County	Start Date and time	End Date and Time	Ice Thickness
PAZ012 - 018 - 028 - 041>042 - 053 -058	01/08/2005 01:00 AM	01/08/2005 03:50 AM	Up to 0.25 inches 6.35 mm
PAZ004>006 - 010>012 - 017>019 - 024>025-033 - 037 - 041>042 - 053 - 057>059 - 065>066	01/22/2005 12:00 PM	01/23/2005 07:00 AM	Not listed
PAZ004>006 - 010>012 - 017>019 - 024>028-033>037 - 041>042 - 045>046 - 049>053 - 056 - 058 - 063>064	12/16/2005 03:00 AM	12/16/2005 09:00 AM	0.25 inches or more 6.35mm or more
PAZ046 - 053	02/13/2007 11:00 AM	02/14/2007 2100 PM	Not listed
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>035 - 037 - 041>042 - 045>046 - 049>053 - 058	02/01/2008 03:00 AM	02/01/2008 19:00 PM	Not listed for Columbia County
PAZ028 - 046 - 049>053 - 056>059 - 063	02/12/2008 22:00 PM	02/13/2008 09:00 AM	Not listed for Columbia County

Table 2.3-17— {Snow Storm Events in Luzerne County, Pennsylvania}

(Page 1 of 2)

Location or County	Date	Snow Amount
PAZ037>055 - 058 - 060>062	02/03/1995	5 to 8 inches 127 to 203 mm
LUZERNE	02/06/1995	< 1 inch < 25.4 mm
PAZ037>056 - 058 - 063 - 064	03/08/1995	5 inches 127 mm
PAZ038>040 - 043 - 044 - 047 - 048	11/14/1995	6 to 12 inches 152 to 305 mm
PAZ038>040 - 043>044 - 047>048	01/02/1996	8 to 12 inches 203 to 305 mm
PAZ038>040 - 043>044 - 047>048	01/07/1996	Up to 21 inches 533 mm
PAZ038>040 - 043>044 - 047>048	01/12/1996	8 to 12 inches 203 to 305 mm
PAZ038>040 - 043>044 - 047>048	03/06/1996	6 to 10 inches 152 to 254 mm
PAZ039>040 - 043>044 - 047>048	03/31/1997	12 to 30 inches 305 to 762 mm
PAZ038>040 - 043>044 - 047>048	12/29/1997	6 to 14 inches 152 to 356 mm
PAZ038>040 - 043>044 - 047>048	02/23/1998	4 to 12 inches 102 to 305 mm
PAZ038>040 - 043>044 - 047>048	01/02/1999	< 1 inch < 25.4 mm
PAZ038>040 - 043>044 - 047>048	01/13/1999	5 to 9 inches 127 to 229 mm
PAZ040 - 044 - 047>048	03/14/1999	7 to 10 inches 178 to 254 mm
PAZ038>040 - 043>044 - 047	03/21/1999	6 to 12 inches 152 to 305 mm
PAZ038>040 - 043>044 - 047>048	01/20/2000	2 to 5 inches 51 to 127 mm
PAZ038>040 - 043>044 - 047>048	01/25/2000	5 to12 inches 127 to 305 mm
PAZ038>040 - 043>044 - 047>048	01/30/2000	10 to 18 inches 254 to 457 mm
PAZ038>040 - 043>044 - 047>048	02/18/2000	4 to 7 inches 102 to 178 mm
PAZ039>040 - 043>044 - 047>048	04/08/2000	4 to 8 inches 102 to 203 mm
PAZ040 - 043>044 - 047>048	12/13/2000	Up to 3 inches Up to 76 mm
PAZ039>040 - 044 - 047	12/19/2000	4 to 7 inches 102 to 178 mm
PAZ040 - 044 - 047>048	01/20/2001	4 to 7 inches 102 to 178 mm
PAZ039>040 - 043>044 - 047>048	02/05/2001	4 to 8 inches 102 to 203 mm
PAZ038>040 - 043>044 - 047>048	03/04/2001	6 to 20 inches 152 to 508 mm
PAZ038>040 - 043>044 - 047>048	01/06/2002	7 to 15 inches 178 to 381 mm

Table 2.3-17— {Snow Storm Events in Luzerne County, Pennsylvania}
(Page 2 of 2)

Location or County	Date	Snow Amount
PAZ038>040 - 043>044 - 047>0468	01/31/2002	2 inches 51 mm
PAZ038>040 - 043>044 - 047>048	02/01/2002	2 inches 51 mm
PAZ040 - 043>044 - 047>048	12/05/2002	6 to 10 inches 152 to 254 mm
PAZ038>040 - 043>044 - 047>048	12/11/2002	Up to 2 inches 51 mm
PAZ038>040 - 043>044 - 047>048	12/24/2002	9 to 14 inches 229 to 356 mm
PAZ038>040 - 043>044 - 047>048	01/03/2003	4 to 9 inches 102 to 229 mm
PAZ038>040 - 043>044 - 047>048	02/17/2003	10 to 20 inches 254 to 508 mm
PAZ038>040 - 043>044 - 047>048	12/06/2003	5 to 9 inches 127 to 229 mm
PAZ038>040 - 043>044 - 047 - 072	03/16/2004	5 to 9 inches 127 to 229 mm
PAZ038>040 - 043>044 - 047>048 - 072	01/06/2005	3 to 7 inches 76 to 178 mm
PAZ038>040 - 043>044 - 047>048 - 072	01/23/2005	6 to 12 inches 152 to 305 mm
PAZ038>040 - 043>044 - 047>048 - 072	03/01/2005	8 to 14 inches 203 to 356 mm
PAZ038>040 - 043>044 - 047>048 - 072	03/24/2005	6 to 8 inches 152 to 203 mm
PAZ038>040 - 043>044 - 047>048 - 072	10/25/2005	Up to 2 inches Up to 51 mm
PAZ039>040 - 043>044 - 047>048 - 072	12/09/2005	6 to 10 inches 152 to 254 mm
PAZ038>040 - 043>044 - 047>048 - 072	02/13/2007	12 to 24 inches 305 to 610 mm
PAZ039>040 - 043>044 - 047>048 - 072	03/16/2007	10 to 15 inches 254 to 381 mm
PAZ038>040 - 043>044 - 047	04/15/2007	Up to 2 inches Up to 51 mm

Table 2.3-18— {Snow Storm Events in Columbia County, Pennsylvania}

(Page 1 of 2)

Location or County	Date	Snow Amount
PAZ045 - 046 - 048>055 - 058 - 060>062	01/06/1995	Not listed
PAZ037>043 - 045 - 046 - 049>055 - 058 - 060>062	01/11/1995	< 1 inch < 25.4 mm
PAZ037>055 - 058 - 060>062	02/03/1995	5 to 8 inches 127 to 203 mm
PAZ037>056 - 058 - 063 - 064	03/08/1995	3 to 5 inches 76 to 127mm
PAZ42 - 053 - 065	11/11/1995	4 to 5 inches 102 to 127 mm
PAZ004 - 005 - 006 - 010 - 011 - 012 - 017>019 - 024>028 - 033>037 - 041 - 042 - 045 - 046 - 049>053 - 056 - 063	11/14/1995	Not listed for Columbia County
PAZ004 - 005 - 006 010 - 011 - 012 017>019 - 024>028 - 033>037 - 041 - 042 - 045 - 046 - 049>053 - 056 - 063	12/19/1995	17 inches 432 mm
PAZ004>006 - 010>011 - 018>019 - 037 - 041>042 - 045>046 - 049>050 - 052>053	01/02/1996	6 to 10 inches 152 to 254 mm
PAZ019 - 026>028 - 035>036 - 041>042 - 046 - 049>053 - 056>059 - 063>066	01/12/1996	Not listed for Columbia County
PAZ005>006 - 010>012 - 017>019 - 037 - 041>042 - 045>046 - 049>053	03/07/1996	6 inches 152 mm
PAZ017>019 - 024 - 026>028 - 036>037 - 041>042 - 045 - 049>053 - 056>059 - 063>066	02/13/1997	3 to 7 inches 76 to 178 mm
PAZ006 - 011>012 - 018>019 - 024 - 026>028 - 033 - 035>037 - 041>042 - 045>046 - 049>053 - 058	12/29/1997	8 to 14 inches 127 to 356 mm
PAZ006 - 011>012 - 017 - 019 - 024 - 028 - 033 - 037 - 041>042 - 049>050 - 053 - 058	02/23/1998	2 inches 51 mm
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	01/02/1999	1 to 4 inches 25.4 to 102 mm
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	01/08/1999	Not listed for Columbia County
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	01/14/1999	3 to 6 inches 76 to 152 mm
PAZ041>042 - 046 - 053	02/07/1999	6 inches 152 mm
PAZ018>019 - 024>028 - 033>036 - 049>053 - 056>059 - 063>066	03/14/1999	6 inches 152 mm
PAZ028 - 036 - 041>042 - 046 - 049>053 - 056>059 - 063>066	01/25/2000	Not listed for Columbia County
PAZ012 - 018>019 - 024>028 - 034>036 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	01/30/2000	10 to 12 inches 254 to 305 mm
PAZ005>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	02/18/2000	4 to 7 inches 102 to 178 mm
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	12/13/2000	1 to 2 inches 25.4 to 51 mm
PAZ024 - 033 - 036 - 042 - 051 - 053 - 058>059 - 064>066	01/20/2001	5 to 8 inches 127 to 203 mm
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>058 - 063>064	03/04/2001	12 to 15 inches 305 to 381 mm
PAZ005>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>065	01/06/2002	10 to 14 inches 254 to 356 mm
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	12/05/2002	5 to 8 inches 127 to 203 mm

Table 2.3-18— {Snow Storm Events in Columbia County, Pennsylvania}

(Page 2 of 2)

Location or County	Date	Snow Amount
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	12/25/2002	12 to 18 inches 305 to 457 mm
PAZ006 - 012 - 017>019 - 024>025 - 033 - 037 - 041>042 - 045>046 - 049 - 051 - 053	01/02/2003	6 to 8 inches 152 to 203 mm
PAZ012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	02/16/2003	4 to 10 inches 102 to 254 mm
PAZ017>019 - 024>028 - 033>036 - 053 - 056>059 - 063>066	12/05/2003	6 to 12 inches 152 to 305 mm
PAZ017 - 024 - 033 - 042 - 046 - 051>053	01/27/2004	5 to 8 inches 127 to 203 mm
PAZ004>006 - 010>012 - 017>019 - 027>028 - 037 - 041>042 - 045>046 - 049>053 - 058	03/16/2004	6 to 8 inches 152 to 203 mm
PAZ018>019 - 027>028 - 049>053 - 056>058 - 063	03/19/2004	5 to 8 inches 127 to 203 mm
PAZ004>006 - 010>012 - 017>019 - 024>028 - 034 - 037 - 041>042 - 045>046 - 049>053 - 058	01/05/2005	6 to 10 inches 152 to 254 mm
PAZ004>006 - 010>012 - 017>019 - 024>025 - 033 - 037 - 041>042 - 053 - 057>059 - 065>066	01/22/2005	5 to 7 inches 127 to 178 mm
PAZ010>012 - 017>019 - 024 - 028 - 033 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	03/01/2005	6 to 8 inches 152 to 203 mm
PAZ012 - 017>019 - 024>028 - 033>036 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	12/09/2005	6 to 10 inches 152 to 254 mm
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056 - 058 - 063>064	12/16/2005	3 to 6 inches 76 to 152 mm
PAZ046 - 053	02/13/2007	10 to 11 inches 254 to 279 mm
PAZ017>019 - 027>028 - 049>053 - 056>059 - 063	03/16/2007	6 to 12 inches 152 to 305 mm

Table 2.3-19— {Probable Maximum Winter Precipitation (PMWP) Values}

duration hours	PMWP depth inches	
	Jan-Feb	Dec
6	8	10
24	13	15
72	16	19

Table 2.3-20— {Design-Basis Tornado Characteristics for BBNPP}

Region	Maximum Wind Speed m/s (mi/h)	Translational Speed m/s (mi/h)	Maximum Rotational Speed m/s (mi/h)	Radius of Maximum Rotational Speed m (ft)	Pressure Drop mb (psi)	Rate of Pressure Drop mb/s (psi/s)
I	103 (230)	21 (46)	82 (184)	45.7 (150)	83 (1.2)	37 (0.5)

Table 2.3-21— {Zero Percent Exceedance Temperature Values for Wilkes-Barre/ Scranton, Pennsylvania}

Maximum Dry Bulb Temperature (°F)	Coincident Wet Bulb Temperature (°F)	Minimum Dry Bulb Temperature (°F)
100.0	71.7	-17.5

Table 2.3-22— {One Percent Exceedance Seasonal Basis Temperature Values for Wilkes-Barre/Scranton, Pennsylvania}

Maximum Dry Bulb Temperature (OF)	Coincident Wet Bulb Temperature (OF)	Non-Coincident Wet Bulb Temperature (OF)	Minimum Dry Bulb Temperature (OF)
89.1	65.1	75.0	1.0

Table 2.3-23— {SSES 33' (10-m) 2001-2007 Annual JFD}

(Page 1 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 5.01**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	2	2	14	11	13	9	5	2	2	1	0	0	0	0	0	61
(1)	.00	.00	.07	.07	.46	.36	.43	.30	.16	.07	.07	.03	.00	.00	.00	.00	.00	2.00
(2)	.00	.00	.00	.00	.02	.02	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.10
1.1- 1.5	2	13	31	36	35	36	25	25	38	35	33	15	5	3	2	4	0	338
(1)	.07	.43	1.02	1.18	1.15	1.18	.82	.82	1.25	1.15	1.08	.49	.16	.10	.07	.13	.00	11.10
(2)	.00	.02	.05	.06	.06	.06	.04	.04	.06	.06	.05	.02	.01	.00	.00	.01	.00	.56
1.6- 2.0	6	15	27	26	29	22	22	33	47	69	76	18	4	2	3	4	0	403
(1)	.20	.49	.89	.85	.95	.72	.72	1.08	1.54	2.27	2.50	.59	.13	.07	.10	.13	.00	13.23
(2)	.01	.02	.04	.04	.05	.04	.04	.05	.08	.11	.12	.03	.01	.00	.00	.01	.00	.66
2.1- 3.0	23	52	60	15	11	9	44	37	81	182	321	59	10	10	8	14	0	936
(1)	.76	1.71	1.97	.49	.36	.30	1.44	1.21	2.66	5.98	10.54	1.94	.33	.33	.26	.46	.00	30.73
(2)	.04	.09	.10	.02	.02	.01	.07	.06	.13	.30	.53	.10	.02	.02	.01	.02	.00	1.54
3.1- 4.0	58	67	22	1	1	3	21	23	52	103	306	81	24	13	10	14	0	799
(1)	1.90	2.20	.72	.03	.03	.10	.69	.76	1.71	3.38	10.05	2.66	.79	.43	.33	.46	.00	26.23
(2)	.10	.11	.04	.00	.00	.00	.03	.04	.09	.17	.50	.13	.04	.02	.02	.02	.00	1.31
4.1- 5.0	21	17	4	0	0	1	14	7	25	30	141	88	15	5	5	9	0	382
(1)	.69	.56	.13	.00	.00	.03	.46	.23	.82	.98	4.63	2.89	.49	.16	.16	.30	.00	12.54
(2)	.03	.03	.01	.00	.00	.00	.02	.01	.04	.05	.23	.14	.02	.01	.01	.01	.00	.63
5.1- 6.0	9	2	0	0	0	1	2	0	0	3	42	32	3	0	3	5	0	102
(1)	.30	.07	.00	.00	.00	.03	.07	.00	.00	.10	1.38	1.05	.10	.00	.10	.16	.00	3.35
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.05	.00	.00	.00	.01	.00	.17
6.1- 8.0	3	0	0	0	0	0	0	1	1	0	12	5	0	0	1	2	0	25

Table 2.3-23— {SSES 33' (10-m) 2001-2007 Annual JFD}

(Page 2 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 5.01**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.10	.00	.00	.00	.00	.00	.00	.03	.03	.00	.39	.16	.00	.00	.03	.07	.00	.82
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.00	.00	.00	.04
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	122	166	146	80	90	83	141	135	249	424	933	299	61	33	32	52	0	3046
(1)	4.01	5.45	4.79	2.63	2.95	2.72	4.63	4.43	8.17	13.92	30.63	9.82	2.00	1.08	1.05	1.71	.00	100.00
(2)	.20	.27	.24	.13	.15	.14	.23	.22	.41	.70	1.53	.49	.10	.05	.05	.09	.00	5.01

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-23— {SSES 33' (10-m) 2001-2007 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 2.77**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	2	0	3	2	13	11	5	3	5	2	1	1	0	1	1	0	0	50
(1)	.12	.00	.18	.12	.77	.65	.30	.18	.30	.12	.06	.06	.00	.06	.06	.00	.00	2.97
(2)	.00	.00	.00	.00	.02	.02	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.08
1.1- 1.5	8	2	17	25	18	11	11	11	18	19	13	2	0	1	0	0	0	156
(1)	.48	.12	1.01	1.49	1.07	.65	.65	.65	1.07	1.13	.77	.12	.00	.06	.00	.00	.00	9.27
(2)	.01	.00	.03	.04	.03	.02	.02	.02	.03	.03	.02	.00	.00	.00	.00	.00	.00	.26
1.6- 2.0	11	16	17	14	11	7	9	14	10	28	30	7	0	1	0	5	0	180
(1)	.65	.95	1.01	.83	.65	.42	.54	.83	.59	1.66	1.78	.42	.00	.06	.00	.30	.00	10.70
(2)	.02	.03	.03	.02	.02	.01	.01	.02	.02	.05	.05	.01	.00	.00	.00	.01	.00	.30
2.1- 3.0	12	53	43	7	7	3	20	11	27	82	124	25	10	2	10	8	0	444
(1)	.71	3.15	2.56	.42	.42	.18	1.19	.65	1.61	4.88	7.37	1.49	.59	.12	.59	.48	.00	26.40
(2)	.02	.09	.07	.01	.01	.00	.03	.02	.04	.13	.20	.04	.02	.00	.02	.01	.00	.73
3.1- 4.0	37	42	21	1	5	1	9	9	14	30	160	51	22	17	10	24	0	453
(1)	2.20	2.50	1.25	.06	.30	.06	.54	.54	.83	1.78	9.51	3.03	1.31	1.01	.59	1.43	.00	26.93
(2)	.06	.07	.03	.00	.01	.00	.01	.01	.02	.05	.26	.08	.04	.03	.02	.04	.00	.75
4.1- 5.0	21	14	6	0	2	1	3	2	4	8	92	50	19	12	9	21	0	264
(1)	1.25	.83	.36	.00	.12	.06	.18	.12	.24	.48	5.47	2.97	1.13	.71	.54	1.25	.00	15.70
(2)	.03	.02	.01	.00	.00	.00	.00	.00	.01	.01	.15	.08	.03	.02	.01	.03	.00	.43
5.1- 6.0	6	4	0	0	0	0	1	0	1	2	38	32	2	1	8	8	0	103
(1)	.36	.24	.00	.00	.00	.00	.06	.00	.06	.12	2.26	1.90	.12	.06	.48	.48	.00	6.12
(2)	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.06	.05	.00	.00	.01	.01	.00	.17
6.1- 8.0	4	0	0	0	0	0	0	0	0	0	11	9	0	0	3	3	0	30

Table 2.3-23— {SSES 33' (10-m) 2001-2007 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 2.77**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.65	.54	.00	.00	.18	.18	.00	1.78
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.00	.00	.00	.05
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.00	.00	.00	.00	.06	.00	.12
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	101	131	107	49	56	34	58	50	79	171	470	177	53	35	41	70	0	1682
(1)	6.00	7.79	6.36	2.91	3.33	2.02	3.45	2.97	4.70	10.17	27.94	10.52	3.15	2.08	2.44	4.16	.00	100.00
(2)	.17	.22	.18	.08	.09	.06	.10	.08	.13	.28	.77	.29	.09	.06	.07	.12	.00	2.77

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-23— {SSES 33' (10-m) 2001-2007 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.17**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	2	5	6	15	21	14	10	10	3	2	0	0	1	0	0	0	89
(1)	.00	.08	.20	.24	.59	.83	.55	.39	.39	.12	.08	.00	.00	.04	.00	.00	.00	3.51
(2)	.00	.00	.01	.01	.02	.03	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.15
1.1- 1.5	9	13	16	27	28	19	13	11	27	26	19	2	8	1	1	3	0	223
(1)	.36	.51	.63	1.07	1.11	.75	.51	.43	1.07	1.03	.75	.08	.32	.04	.04	.12	.00	8.80
(2)	.01	.02	.03	.04	.05	.03	.02	.02	.04	.04	.03	.00	.01	.00	.00	.00	.00	.37
1.6- 2.0	10	25	25	24	12	14	14	15	20	39	48	15	8	5	3	3	0	280
(1)	.39	.99	.99	.95	.47	.55	.55	.59	.79	1.54	1.89	.59	.32	.20	.12	.12	.00	11.05
(2)	.02	.04	.04	.04	.02	.02	.02	.02	.03	.06	.08	.02	.01	.01	.00	.00	.00	.46
2.1- 3.0	43	89	61	19	7	6	17	15	43	86	219	58	10	8	13	20	0	714
(1)	1.70	3.51	2.41	.75	.28	.24	.67	.59	1.70	3.40	8.65	2.29	.39	.32	.51	.79	.00	28.19
(2)	.07	.15	.10	.03	.01	.01	.03	.02	.07	.14	.36	.10	.02	.01	.02	.03	.00	1.17
3.1- 4.0	90	57	8	3	3	4	18	11	32	30	186	78	25	17	30	36	0	628
(1)	3.55	2.25	.32	.12	.12	.16	.71	.43	1.26	1.18	7.34	3.08	.99	.67	1.18	1.42	.00	24.79
(2)	.15	.09	.01	.00	.00	.01	.03	.02	.05	.05	.31	.13	.04	.03	.05	.06	.00	1.03
4.1- 5.0	38	15	4	0	0	2	3	4	10	9	103	89	21	14	17	38	0	367
(1)	1.50	.59	.16	.00	.00	.08	.12	.16	.39	.36	4.07	3.51	.83	.55	.67	1.50	.00	14.49
(2)	.06	.02	.01	.00	.00	.00	.00	.01	.02	.01	.17	.15	.03	.02	.03	.06	.00	.60
5.1- 6.0	10	5	0	0	0	0	1	0	1	0	36	47	19	2	20	24	0	165
(1)	.39	.20	.00	.00	.00	.00	.04	.00	.04	.00	1.42	1.86	.75	.08	.79	.95	.00	6.51
(2)	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.06	.08	.03	.00	.03	.04	.00	.27
6.1- 8.0	2	0	0	0	0	0	1	0	0	0	17	26	7	0	3	7	0	63

Table 2.3-23— {SSES 33' (10-m) 2001-2007 Annual JFD - continued}
(Page 2 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.17**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.08	.00	.00	.00	.00	.00	.04	.00	.00	.00	.67	1.03	.28	.00	.12	.28	.00	2.49
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.04	.01	.00	.00	.01	.00	.10
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.12	.00	.00	.00	.00	.00	.16
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	202	206	119	79	65	66	81	66	143	193	631	318	98	48	87	131	0	2533
(1)	7.97	8.13	4.70	3.12	2.57	2.61	3.20	2.61	5.65	7.62	24.91	12.55	3.87	1.89	3.43	5.17	.00	100.00
(2)	.33	.34	.20	.13	.11	.11	.13	.11	.24	.32	1.04	.52	.16	.08	.14	.22	.00	4.17

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-23— {SSES 33' (10-m) 2001-2007 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 40.31**

	WIND DIRECTION FROM																	
SPEED m/s	**N**	**NNE**	**NE**	**ENE**	**E**	**ESE**	**SE**	**SSE**	**S**	**SSW**	**SW**	**WSW**	**W**	**WNW**	**NW**	**NNW**	**VRBL**	**TOTAL**
LT .2	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	7
(1)	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.2- .4	0	0	4	12	13	9	6	6	4	2	1	0	0	1	1	0	0	59
(1)	.00	.00	.02	.05	.05	.04	.02	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.24
(2)	.00	.00	.01	.02	.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.10
.5- 1.0	40	141	229	271	350	324	269	178	169	98	65	28	11	5	24	20	0	2222
(1)	.16	.58	.93	1.11	1.43	1.32	1.10	.73	.69	.40	.27	.11	.04	.02	.10	.08	.00	9.07
(2)	.07	.23	.38	.45	.58	.53	.44	.29	.28	.16	.11	.05	.02	.01	.04	.03	.00	3.65
1.1- 1.5	127	346	381	261	199	184	263	232	322	359	256	108	50	44	46	37	0	3215
(1)	.52	1.41	1.55	1.06	.81	.75	1.07	.95	1.31	1.46	1.04	.44	.20	.18	.19	.15	.00	13.12
(2)	.21	.57	.63	.43	.33	.30	.43	.38	.53	.59	.42	.18	.08	.07	.08	.06	.00	5.29
1.6- 2.0	198	405	354	155	132	127	218	198	258	380	318	148	103	64	73	71	0	3202
(1)	.81	1.65	1.44	.63	.54	.52	.89	.81	1.05	1.55	1.30	.60	.42	.26	.30	.29	.00	13.06
(2)	.33	.67	.58	.25	.22	.21	.36	.33	.42	.62	.52	.24	.17	.11	.12	.12	.00	5.27
2.1- 3.0	600	719	494	134	106	179	291	263	414	572	821	347	248	242	296	374	0	6100
(1)	2.45	2.93	2.02	.55	.43	.73	1.19	1.07	1.69	2.33	3.35	1.42	1.01	.99	1.21	1.53	.00	24.89
(2)	.99	1.18	.81	.22	.17	.29	.48	.43	.68	.94	1.35	.57	.41	.40	.49	.62	.00	10.03
3.1- 4.0	569	344	146	44	40	59	136	96	139	196	752	401	271	275	480	537	0	4485
(1)	2.32	1.40	.60	.18	.16	.24	.55	.39	.57	.80	3.07	1.64	1.11	1.12	1.96	2.19	.00	18.30
(2)	.94	.57	.24	.07	.07	.10	.22	.16	.23	.32	1.24	.66	.45	.45	.79	.88	.00	7.38
4.1- 5.0	250	74	21	8	11	17	32	30	48	38	463	441	289	228	468	485	0	2903
(1)	1.02	.30	.09	.03	.04	.07	.13	.12	.20	.16	1.89	1.80	1.18	.93	1.91	1.98	.00	11.84
(2)	.41	.12	.03	.01	.02	.03	.05	.05	.08	.06	.76	.73	.48	.37	.77	.80	.00	4.77
5.1- 6.0	46	10	5	3	5	6	10	12	9	7	211	323	173	145	310	214	0	1489
(1)	.19	.04	.02	.01	.02	.02	.04	.05	.04	.03	.86	1.32	.71	.59	1.26	.87	.00	6.08
(2)	.08	.02	.01	.00	.01	.01	.02	.02	.01	.01	.35	.53	.28	.24	.51	.35	.00	2.45
6.1- 8.0	6	1	1	2	0	3	5	8	7	2	90	235	118	73	113	81	0	745

Table 2.3-23— {SSES 33' (10-m) 2001-2007 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 40.31**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.02	.00	.00	.01	.00	.01	.02	.03	.03	.01	.37	.96	.48	.30	.46	.33	.00	3.04
(2)	.01	.00	.00	.00	.00	.00	.01	.01	.01	.00	.15	.39	.19	.12	.19	.13	.00	1.23
8.1-10.0	0	0	0	0	0	0	1	0	2	0	5	47	18	4	2	2	0	81
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.02	.19	.07	.02	.01	.01	.00	.33
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.08	.03	.01	.00	.00	.00	.13
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	1837	2041	1636	892	858	908	1231	1023	1372	1654	2982	2079	1282	1081	1813	1821	0	24510
(1)	7.49	8.33	6.67	3.64	3.50	3.70	5.02	4.17	5.60	6.75	12.17	8.48	5.23	4.41	7.40	7.43	.00	100.00
(2)	3.02	3.36	2.69	1.47	1.41	1.49	2.02	1.68	2.26	2.72	4.90	3.42	2.11	1.78	2.98	2.99	.00	40.31

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-23— {SSES 33' (10-m) 2001-2007 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.44**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	3	5	3	1	0	0	0	1	0	0	0	0	0	0	0	13
(1)	.00	.00	.02	.03	.02	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.08
(2)	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	0	4	15	23	38	23	24	17	5	4	1	0	1	0	0	1	0	156
(1)	.00	.02	.09	.13	.22	.13	.14	.10	.03	.02	.01	.00	.01	.00	.00	.01	.00	.90
(2)	.00	.01	.02	.04	.06	.04	.04	.03	.01	.01	.00	.00	.00	.00	.00	.00	.00	.26
.5- 1.0	100	287	745	1287	1141	744	677	468	431	231	88	31	21	16	15	21	0	6303
(1)	.58	1.66	4.31	7.44	6.60	4.30	3.92	2.71	2.49	1.34	.51	.18	.12	.09	.09	.12	.00	36.45
(2)	.16	.47	1.23	2.12	1.88	1.22	1.11	.77	.71	.38	.14	.05	.03	.03	.02	.03	.00	10.37
1.1- 1.5	167	553	729	518	163	134	215	301	577	516	237	79	57	27	27	40	0	4340
(1)	.97	3.20	4.22	3.00	.94	.78	1.24	1.74	3.34	2.98	1.37	.46	.33	.16	.16	.23	.00	25.10
(2)	.27	.91	1.20	.85	.27	.22	.35	.50	.95	.85	.39	.13	.09	.04	.04	.07	.00	7.14
1.6- 2.0	222	436	265	85	43	49	59	139	272	510	239	116	48	32	47	45	0	2607
(1)	1.28	2.52	1.53	.49	.25	.28	.34	.80	1.57	2.95	1.38	.67	.28	.19	.27	.26	.00	15.08
(2)	.37	.72	.44	.14	.07	.08	.10	.23	.45	.84	.39	.19	.08	.05	.08	.07	.00	4.29
2.1- 3.0	240	361	193	34	35	43	60	82	225	411	413	106	65	41	97	157	0	2563
(1)	1.39	2.09	1.12	.20	.20	.25	.35	.47	1.30	2.38	2.39	.61	.38	.24	.56	.91	.00	14.82
(2)	.39	.59	.32	.06	.06	.07	.10	.13	.37	.68	.68	.17	.11	.07	.16	.26	.00	4.22
3.1- 4.0	70	98	59	17	13	17	22	33	71	88	209	65	20	18	28	67	0	895
(1)	.40	.57	.34	.10	.08	.10	.13	.19	.41	.51	1.21	.38	.12	.10	.16	.39	.00	5.18
(2)	.12	.16	.10	.03	.02	.03	.04	.05	.12	.14	.34	.11	.03	.03	.05	.11	.00	1.47
4.1- 5.0	14	15	7	2	5	4	12	20	29	27	53	22	8	6	15	16	0	255
(1)	.08	.09	.04	.01	.03	.02	.07	.12	.17	.16	.31	.13	.05	.03	.09	.09	.00	1.47
(2)	.02	.02	.01	.00	.01	.01	.02	.03	.05	.04	.09	.04	.01	.01	.02	.03	.00	.42
5.1- 6.0	4	1	5	3	1	8	9	9	16	6	11	14	3	5	3	2	0	100
(1)	.02	.01	.03	.02	.01	.05	.05	.05	.09	.03	.06	.08	.02	.03	.02	.01	.00	.58
(2)	.01	.00	.01	.00	.00	.01	.01	.01	.03	.01	.02	.02	.00	.01	.00	.00	.00	.16
6.1- 8.0	0	3	0	2	2	2	8	8	10	1	6	9	0	1	1	1	0	54

Table 2.3-23— {SSES 33' (10-m) 2001-2007 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.44**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.02	.00	.01	.01	.01	.05	.05	.06	.01	.03	.05	.00	.01	.01	.01	.00	.31
(2)	.00	.00	.00	.00	.00	.00	.01	.01	.02	.00	.01	.01	.00	.00	.00	.00	.00	.09
8.1-10.0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	3
(1)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	817	1759	2021	1976	1444	1025	1086	1077	1636	1795	1258	444	223	146	233	350	0	17290
(1)	4.73	10.17	11.69	11.43	8.35	5.93	6.28	6.23	9.46	10.38	7.28	2.57	1.29	.84	1.35	2.02	.00	100.00
(2)	1.34	2.89	3.32	3.25	2.37	1.69	1.79	1.77	2.69	2.95	2.07	.73	.37	.24	.38	.58	.00	28.44

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-23— {SSES 33' (10-m) 2001-2007 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 11.76**

	WIND DIRECTION FROM																	
SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.2- .4	1	3	4	16	28	10	7	3	2	0	2	0	1	0	0	0	0	77
(1)	.01	.04	.06	.22	.39	.14	.10	.04	.03	.00	.03	.00	.01	.00	.00	.00	.00	1.08
(2)	.00	.00	.01	.03	.05	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13
.5- 1.0	15	90	544	1896	1008	399	241	172	165	50	20	8	5	2	7	8	0	4630
(1)	.21	1.26	7.61	26.52	14.10	5.58	3.37	2.41	2.31	.70	.28	.11	.07	.03	.10	.11	.00	64.77
(2)	.02	.15	.89	3.12	1.66	.66	.40	.28	.27	.08	.03	.01	.01	.00	.01	.01	.00	7.61
1.1- 1.5	27	105	381	1062	96	24	35	64	118	90	38	6	2	3	3	7	0	2061
(1)	.38	1.47	5.33	14.86	1.34	.34	.49	.90	1.65	1.26	.53	.08	.03	.04	.04	.10	.00	28.83
(2)	.04	.17	.63	1.75	.16	.04	.06	.11	.19	.15	.06	.01	.00	.00	.00	.01	.00	3.39
1.6- 2.0	14	52	52	82	2	1	1	12	17	38	23	5	0	1	2	3	0	305
(1)	.20	.73	.73	1.15	.03	.01	.01	.17	.24	.53	.32	.07	.00	.01	.03	.04	.00	4.27
(2)	.02	.09	.09	.13	.00	.00	.00	.02	.03	.06	.04	.01	.00	.00	.00	.00	.00	.50
2.1- 3.0	5	8	2	0	0	0	0	1	3	6	23	5	2	1	1	5	0	62
(1)	.07	.11	.03	.00	.00	.00	.00	.01	.04	.08	.32	.07	.03	.01	.01	.07	.00	.87
(2)	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.04	.01	.00	.00	.00	.01	.00	.10
3.1- 4.0	2	1	1	0	0	0	0	0	0	1	0	0	0	1	1	1	0	8
(1)	.03	.01	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01	.01	.01	.00	.11
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
4.1- 5.0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-23— {SSES 33' (10-m) 2001-2007 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 11.76**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	65	260	985	3057	1135	434	284	252	305	185	106	24	10	8	14	24	0	7148
(1)	.91	3.64	13.78	42.77	15.88	6.07	3.97	3.53	4.27	2.59	1.48	.34	.14	.11	.20	.34	.00	100.00
(2)	.11	.43	1.62	5.03	1.87	.71	.47	.41	.50	.30	.17	.04	.02	.01	.02	.04	.00	11.76

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-23— {SSES 33' (10-m) 2001-2007 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.56**

	WIND DIRECTION FROM																	
SPEED m/s	**N**	**NNE**	**NE**	**ENE**	**E**	**ESE**	**SE**	**SSE**	**S**	**SSW**	**SW**	**WSW**	**W**	**WNW**	**NW**	**NNW**	**VRBL**	**TOTAL**
LT .2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	1	0	0	5	4	3	1	0	0	0	0	0	0	0	0	0	0	14
(1)	.02	.00	.00	.11	.09	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.30
(2)	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	8	42	483	1564	489	156	90	56	26	9	4	1	0	0	3	2	0	2933
(1)	.17	.91	10.51	34.03	10.64	3.39	1.96	1.22	.57	.20	.09	.02	.00	.00	.07	.04	.00	63.82
(2)	.01	.07	.79	2.57	.80	.26	.15	.09	.04	.01	.01	.00	.00	.00	.00	.00	.00	4.82
1.1- 1.5	2	15	244	1124	56	16	10	11	25	8	3	0	1	0	0	2	0	1517
(1)	.04	.33	5.31	24.46	1.22	.35	.22	.24	.54	.17	.07	.00	.02	.00	.00	.04	.00	33.01
(2)	.00	.02	.40	1.85	.09	.03	.02	.02	.04	.01	.00	.00	.00	.00	.00	.00	.00	2.49
1.6- 2.0	2	4	27	77	1	1	0	1	0	5	3	0	0	0	0	0	0	121
(1)	.04	.09	.59	1.68	.02	.02	.00	.02	.00	.11	.07	.00	.00	.00	.00	.00	.00	2.63
(2)	.00	.01	.04	.13	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.20
2.1- 3.0	0	2	2	1	0	0	2	0	0	2	0	0	0	0	0	0	0	9
(1)	.00	.04	.04	.02	.00	.00	.04	.00	.00	.04	.00	.00	.00	.00	.00	.00	.00	.20
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-23— {SSES 33' (10-m) 2001-2007 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS G — CLASS FREQUENCY (PERCENT) = 7.56

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	14	63	756	2772	550	176	103	68	51	24	10	1	1	0	3	4	0	4596
(1)	.30	1.37	16.45	60.31	11.97	3.83	2.24	1.48	1.11	.52	.22	.02	.02	.00	.07	.09	.00	100.00
(2)	.02	.10	1.24	4.56	.90	.29	.17	.11	.08	.04	.02	.00	.00	.00	.00	.01	.00	7.56

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-23— {SSES 33' (10-m) 2001-2007 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	2	2	5	9	6	1	0	0	0	1	0	0	0	0	0	0	0	26
(1)	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
(2)	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
.2- .4	2	7	23	56	83	45	38	26	11	6	4	0	2	1	1	1	0	306
(1)	.00	.01	.04	.09	.14	.07	.06	.04	.02	.01	.01	.00	.00	.00	.00	.00	.00	.50
(2)	.00	.01	.04	.09	.14	.07	.06	.04	.02	.01	.01	.00	.00	.00	.00	.00	.00	.50
.5- 1.0	165	562	2011	5028	3030	1666	1309	896	811	395	182	70	37	25	50	51	0	16288
(1)	.27	.92	3.31	8.27	4.98	2.74	2.15	1.47	1.33	.65	.30	.12	.06	.04	.08	.08	.00	26.79
(2)	.27	.92	3.31	8.27	4.98	2.74	2.15	1.47	1.33	.65	.30	.12	.06	.04	.08	.08	.00	26.79
1.1- 1.5	342	1047	1799	3053	595	424	572	655	1125	1053	599	212	123	79	79	93	0	11850
(1)	.56	1.72	2.96	5.02	.98	.70	.94	1.08	1.85	1.73	.99	.35	.20	.13	.13	.15	.00	19.49
(2)	.56	1.72	2.96	5.02	.98	.70	.94	1.08	1.85	1.73	.99	.35	.20	.13	.13	.15	.00	19.49
1.6- 2.0	463	953	767	463	230	221	323	412	624	1069	737	309	163	105	128	131	0	7098
(1)	.76	1.57	1.26	.76	.38	.36	.53	.68	1.03	1.76	1.21	.51	.27	.17	.21	.22	.00	11.67
(2)	.76	1.57	1.26	.76	.38	.36	.53	.68	1.03	1.76	1.21	.51	.27	.17	.21	.22	.00	11.67
2.1- 3.0	923	1284	855	210	166	240	434	409	793	1341	1921	600	345	304	425	578	0	10828
(1)	1.52	2.11	1.41	.35	.27	.39	.71	.67	1.30	2.21	3.16	.99	.57	.50	.70	.95	.00	17.81
(2)	1.52	2.11	1.41	.35	.27	.39	.71	.67	1.30	2.21	3.16	.99	.57	.50	.70	.95	.00	17.81
3.1- 4.0	826	609	257	66	62	84	206	172	308	448	1613	676	362	341	559	679	0	7268
(1)	1.36	1.00	.42	.11	.10	.14	.34	.28	.51	.74	2.65	1.11	.60	.56	.92	1.12	.00	11.95
(2)	1.36	1.00	.42	.11	.10	.14	.34	.28	.51	.74	2.65	1.11	.60	.56	.92	1.12	.00	11.95
4.1- 5.0	345	135	42	10	18	25	64	63	116	112	852	690	352	265	514	569	0	4172
(1)	.57	.22	.07	.02	.03	.04	.11	.10	.19	.18	1.40	1.13	.58	.44	.85	.94	.00	6.86
(2)	.57	.22	.07	.02	.03	.04	.11	.10	.19	.18	1.40	1.13	.58	.44	.85	.94	.00	6.86
5.1- 6.0	75	22	10	6	6	15	23	21	27	18	338	448	200	153	344	253	0	1959
(1)	.12	.04	.02	.01	.01	.02	.04	.03	.04	.03	.56	.74	.33	.25	.57	.42	.00	3.22
(2)	.12	.04	.02	.01	.01	.02	.04	.03	.04	.03	.56	.74	.33	.25	.57	.42	.00	3.22
6.1- 8.0	15	4	1	4	2	5	14	17	18	3	136	284	125	74	121	94	0	917

Table 2.3-23— {SSES 33' (10-m) 2001-2007 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.02	.01	.00	.01	.00	.01	.02	.03	.03	.00	.22	.47	.21	.12	.20	.15	.00	1.51
(2)	.02	.01	.00	.01	.00	.01	.02	.03	.03	.00	.22	.47	.21	.12	.20	.15	.00	1.51
8.1-10.0	0	1	0	0	0	0	1	0	2	0	8	51	18	4	2	3	0	90
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.08	.03	.01	.00	.00	.00	.15
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.08	.03	.01	.00	.00	.00	.15
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	3158	4626	5770	8905	4198	2726	2984	2671	3835	4446	6390	3342	1728	1351	2223	2452	0	60805
(1)	5.19	7.61	9.49	14.65	6.90	4.48	4.91	4.39	6.31	7.31	10.51	5.50	2.84	2.22	3.66	4.03	.00	100.00
(2)	5.19	7.61	9.49	14.65	6.90	4.48	4.91	4.39	6.31	7.31	10.51	5.50	2.84	2.22	3.66	4.03	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-24— {SSES 197' (60-m) 2001-2007 Annual JFD}

(Page 1 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 4.55

	WIND DIRECTION FROM																	
SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	2	4	8	7	11	5	2	9	2	3	0	0	0	1	0	0	54
(1)	.00	.07	.15	.30	.26	.41	.19	.07	.33	.07	.11	.00	.00	.00	.04	.00	.00	2.00
(2)	.00	.00	.01	.01	.01	.02	.01	.00	.02	.00	.01	.00	.00	.00	.00	.00	.00	.09
1.1- 1.5	1	4	23	25	13	12	11	5	18	24	19	5	1	1	1	0	0	163
(1)	.04	.15	.85	.93	.48	.45	.41	.19	.67	.89	.71	.19	.04	.04	.04	.00	.00	6.05
(2)	.00	.01	.04	.04	.02	.02	.02	.01	.03	.04	.03	.01	.00	.00	.00	.00	.00	.28
1.6- 2.0	3	16	27	28	12	12	17	14	19	37	28	9	2	2	1	0	0	227
(1)	.11	.59	1.00	1.04	.45	.45	.63	.52	.71	1.37	1.04	.33	.07	.07	.04	.00	.00	8.42
(2)	.01	.03	.05	.05	.02	.02	.03	.02	.03	.06	.05	.02	.00	.00	.00	.00	.00	.38
2.1- 3.0	7	32	49	12	11	14	20	21	27	83	121	30	1	0	5	4	0	437
(1)	.26	1.19	1.82	.45	.41	.52	.74	.78	1.00	3.08	4.49	1.11	.04	.00	.19	.15	.00	16.22
(2)	.01	.05	.08	.02	.02	.02	.03	.04	.05	.14	.20	.05	.00	.00	.01	.01	.00	.74
3.1- 4.0	21	33	37	4	3	4	16	14	24	55	159	50	11	8	6	9	0	454
(1)	.78	1.22	1.37	.15	.11	.15	.59	.52	.89	2.04	5.90	1.86	.41	.30	.22	.33	.00	16.85
(2)	.04	.06	.06	.01	.01	.01	.03	.02	.04	.09	.27	.08	.02	.01	.01	.02	.00	.77
4.1- 5.0	42	46	15	10	1	1	18	17	24	54	193	71	15	10	4	8	0	529
(1)	1.56	1.71	.56	.37	.04	.04	.67	.63	.89	2.00	7.16	2.63	.56	.37	.15	.30	.00	19.63
(2)	.07	.08	.03	.02	.00	.00	.03	.03	.04	.09	.33	.12	.03	.02	.01	.01	.00	.89
5.1- 6.0	15	40	8	3	0	1	18	14	25	40	164	93	21	3	4	5	0	454
(1)	.56	1.48	.30	.11	.00	.04	.67	.52	.93	1.48	6.09	3.45	.78	.11	.15	.19	.00	16.85
(2)	.03	.07	.01	.01	.00	.00	.03	.02	.04	.07	.28	.16	.04	.01	.01	.01	.00	.77
6.1- 8.0	11	13	2	1	0	3	4	7	28	48	93	106	6	0	4	4	0	330

Table 2.3-24— {SSES 197' (60-m) 2001-2007 Annual JFD}

(Page 2 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 4.55**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.41	.48	.07	.04	.00	.11	.15	.26	1.04	1.78	3.45	3.93	.22	.00	.15	.15	.00	12.24
(2)	.02	.02	.00	.00	.00	.01	.01	.01	.05	.08	.16	.18	.01	.00	.01	.01	.00	.56
8.1-10.0	4	1	0	0	0	1	1	1	1	9	7	16	0	0	1	0	0	42
(1)	.15	.04	.00	.00	.00	.04	.04	.04	.04	.33	.26	.59	.00	.00	.04	.00	.00	1.56
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.03	.00	.00	.00	.00	.00	.07
10.1-40.3	0	0	0	0	0	0	0	0	1	0	1	3	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.04	.11	.00	.00	.00	.00	.00	.19
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01
ALL SPEEDS	104	187	165	91	47	59	110	95	176	352	788	383	57	24	27	30	0	2695
(1)	3.86	6.94	6.12	3.38	1.74	2.19	4.08	3.53	6.53	13.06	29.24	14.21	2.12	.89	1.00	1.11	.00	100.00
(2)	.18	.32	.28	.15	.08	.10	.19	.16	.30	.59	1.33	.65	.10	.04	.05	.05	.00	4.55

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-24— {SSES 197' (60-m) 2001-2007 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 2.75**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	5	5	5	5	3	2	3	4	0	1	0	0	0	1	0	34
(1)	.00	.00	.31	.31	.31	.31	.18	.12	.18	.25	.00	.06	.00	.00	.00	.06	.00	2.08
(2)	.00	.00	.01	.01	.01	.01	.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.06
1.1- 1.5	3	6	11	10	8	8	5	3	7	11	4	1	0	0	1	0	0	78
(1)	.18	.37	.67	.61	.49	.49	.31	.18	.43	.67	.25	.06	.00	.00	.06	.00	.00	4.78
(2)	.01	.01	.02	.02	.01	.01	.01	.01	.01	.02	.01	.00	.00	.00	.00	.00	.00	.13
1.6- 2.0	3	16	21	11	1	9	2	2	6	13	16	0	1	0	1	2	0	104
(1)	.18	.98	1.29	.67	.06	.55	.12	.12	.37	.80	.98	.00	.06	.00	.06	.12	.00	6.38
(2)	.01	.03	.04	.02	.00	.02	.00	.00	.01	.02	.03	.00	.00	.00	.00	.00	.00	.18
2.1- 3.0	12	25	27	9	5	4	9	8	7	29	53	11	3	3	3	5	0	213
(1)	.74	1.53	1.66	.55	.31	.25	.55	.49	.43	1.78	3.25	.67	.18	.18	.18	.31	.00	13.06
(2)	.02	.04	.05	.02	.01	.01	.02	.01	.01	.05	.09	.02	.01	.01	.01	.01	.00	.36
3.1- 4.0	15	36	22	6	5	2	7	9	7	28	85	27	5	5	7	4	0	270
(1)	.92	2.21	1.35	.37	.31	.12	.43	.55	.43	1.72	5.21	1.66	.31	.31	.43	.25	.00	16.55
(2)	.03	.06	.04	.01	.01	.00	.01	.02	.01	.05	.14	.05	.01	.01	.01	.01	.00	.46
4.1- 5.0	20	32	16	1	4	2	8	7	14	20	110	49	21	15	10	17	0	346
(1)	1.23	1.96	.98	.06	.25	.12	.49	.43	.86	1.23	6.74	3.00	1.29	.92	.61	1.04	.00	21.21
(2)	.03	.05	.03	.00	.01	.00	.01	.01	.02	.03	.19	.08	.04	.03	.02	.03	.00	.58
5.1- 6.0	24	27	9	1	2	0	7	4	8	21	77	48	19	9	9	16	0	281
(1)	1.47	1.66	.55	.06	.12	.00	.43	.25	.49	1.29	4.72	2.94	1.16	.55	.55	.98	.00	17.23
(2)	.04	.05	.02	.00	.00	.00	.01	.01	.01	.04	.13	.08	.03	.02	.02	.03	.00	.47
6.1- 8.0	12	11	5	0	2	2	4	5	5	11	60	105	15	0	7	9	0	253

Table 2.3-24— {SSES 197' (60-m) 2001-2007 Annual JFD - continued}
(Page 2 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 2.75**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.74	.67	.31	.00	.12	.12	.25	.31	.31	.67	3.68	6.44	.92	.00	.43	.55	.00	15.51
(2)	.02	.02	.01	.00	.00	.00	.01	.01	.01	.02	.10	.18	.03	.00	.01	.02	.00	.43
8.1-10.0	4	2	0	0	0	0	0	0	1	7	8	18	1	0	3	0	0	44
(1)	.25	.12	.00	.00	.00	.00	.00	.00	.06	.43	.49	1.10	.06	.00	.18	.00	.00	2.70
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.03	.00	.00	.01	.00	.00	.07
10.1-40.3	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	1	0	8
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.31	.12	.00	.00	.00	.06	.00	.49
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01
ALL SPEEDS	93	155	116	43	32	32	45	40	58	144	418	262	65	32	41	55	0	1631
(1)	5.70	9.50	7.11	2.64	1.96	1.96	2.76	2.45	3.56	8.83	25.63	16.06	3.99	1.96	2.51	3.37	.00	100.00
(2)	.16	.26	.20	.07	.05	.05	.08	.07	.10	.24	.71	.44	.11	.05	.07	.09	.00	2.75

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-24— {SSES 197' (60-m) 2001-2007 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.16**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	2	7	11	7	3	4	3	11	3	2	0	1	1	0	0	0	55
(1)	.00	.08	.28	.45	.28	.12	.16	.12	.45	.12	.08	.00	.04	.04	.00	.00	.00	2.23
(2)	.00	.00	.01	.02	.01	.01	.01	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.09
1.1- 1.5	6	8	12	18	17	6	5	7	11	22	9	1	1	1	0	2	0	126
(1)	.24	.32	.49	.73	.69	.24	.20	.28	.45	.89	.36	.04	.04	.04	.00	.08	.00	5.11
(2)	.01	.01	.02	.03	.03	.01	.01	.01	.02	.04	.02	.00	.00	.00	.00	.00	.00	.21
1.6- 2.0	9	22	18	16	14	4	6	4	10	25	15	4	3	2	0	2	0	154
(1)	.36	.89	.73	.65	.57	.16	.24	.16	.41	1.01	.61	.16	.12	.08	.00	.08	.00	6.24
(2)	.02	.04	.03	.03	.02	.01	.01	.01	.02	.04	.03	.01	.01	.00	.00	.00	.00	.26
2.1- 3.0	13	43	39	19	2	8	9	6	16	45	90	28	5	6	6	9	0	344
(1)	.53	1.74	1.58	.77	.08	.32	.36	.24	.65	1.82	3.65	1.14	.20	.24	.24	.36	.00	13.95
(2)	.02	.07	.07	.03	.00	.01	.02	.01	.03	.08	.15	.05	.01	.01	.01	.02	.00	.58
3.1- 4.0	33	55	42	4	4	4	9	5	15	33	135	57	13	10	15	16	0	450
(1)	1.34	2.23	1.70	.16	.16	.16	.36	.20	.61	1.34	5.47	2.31	.53	.41	.61	.65	.00	18.25
(2)	.06	.09	.07	.01	.01	.01	.02	.01	.03	.06	.23	.10	.02	.02	.03	.03	.00	.76
4.1- 5.0	56	53	10	5	2	5	10	9	21	28	151	78	21	19	27	35	0	530
(1)	2.27	2.15	.41	.20	.08	.20	.41	.36	.85	1.14	6.12	3.16	.85	.77	1.09	1.42	.00	21.49
(2)	.09	.09	.02	.01	.00	.01	.02	.02	.04	.05	.25	.13	.04	.03	.05	.06	.00	.89
5.1- 6.0	37	29	2	5	1	1	10	7	15	19	57	95	26	6	16	34	0	360
(1)	1.50	1.18	.08	.20	.04	.04	.41	.28	.61	.77	2.31	3.85	1.05	.24	.65	1.38	.00	14.60
(2)	.06	.05	.00	.01	.00	.00	.02	.01	.03	.03	.10	.16	.04	.01	.03	.06	.00	.61
6.1- 8.0	19	18	3	0	0	3	2	5	15	22	57	136	31	10	22	12	0	355

Table 2.3-24— {SSES 197' (60-m) 2001-2007 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.16**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.77	.73	.12	.00	.00	.12	.08	.20	.61	.89	2.31	5.52	1.26	.41	.89	.49	.00	14.40
(2)	.03	.03	.01	.00	.00	.01	.00	.01	.03	.04	.10	.23	.05	.02	.04	.02	.00	.60
8.1-10.0	1	1	1	0	0	0	1	0	0	5	9	47	8	0	0	5	0	78
(1)	.04	.04	.04	.00	.00	.00	.04	.00	.00	.20	.36	1.91	.32	.00	.00	.20	.00	3.16
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.08	.01	.00	.00	.01	.00	.13
10.1-40.3	0	0	0	0	0	0	1	0	0	0	1	12	0	0	0	0	0	14
(1)	.00	.00	.00	.00	.00	.00	.04	.00	.00	.00	.04	.49	.00	.00	.00	.00	.00	.57
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
ALL SPEEDS	174	231	134	78	47	34	57	46	114	202	526	458	109	55	86	115	0	2466
(1)	7.06	9.37	5.43	3.16	1.91	1.38	2.31	1.87	4.62	8.19	21.33	18.57	4.42	2.23	3.49	4.66	.00	100.00
(2)	.29	.39	.23	.13	.08	.06	.10	.08	.19	.34	.89	.77	.18	.09	.15	.19	.00	4.16

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-24— {SSES 197' (60-m) 2001-2007 Annual JFD - continued}
(Page 1 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 40.94**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	3	1	2	5	1	0	2	1	1	2	0	1	0	1	0	0	20
(1)	.00	.01	.00	.01	.02	.00	.00	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.08
(2)	.00	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
.5- 1.0	30	88	168	156	110	117	109	95	98	70	47	21	10	9	7	11	0	1146
(1)	.12	.36	.69	.64	.45	.48	.45	.39	.40	.29	.19	.09	.04	.04	.03	.05	.00	4.72
(2)	.05	.15	.28	.26	.19	.20	.18	.16	.17	.12	.08	.04	.02	.02	.01	.02	.00	1.93
1.1- 1.5	64	193	228	137	82	63	89	117	148	182	159	49	13	11	12	30	0	1577
(1)	.26	.80	.94	.56	.34	.26	.37	.48	.61	.75	.66	.20	.05	.05	.05	.12	.00	6.50
(2)	.11	.33	.38	.23	.14	.11	.15	.20	.25	.31	.27	.08	.02	.02	.02	.05	.00	2.66
1.6- 2.0	83	177	169	94	89	69	77	83	113	232	279	110	29	17	18	23	0	1662
(1)	.34	.73	.70	.39	.37	.28	.32	.34	.47	.96	1.15	.45	.12	.07	.07	.09	.00	6.85
(2)	.14	.30	.29	.16	.15	.12	.13	.14	.19	.39	.47	.19	.05	.03	.03	.04	.00	2.80
2.1- 3.0	245	430	346	189	144	115	201	145	137	307	578	260	141	118	107	112	0	3575
(1)	1.01	1.77	1.43	.78	.59	.47	.83	.60	.56	1.27	2.38	1.07	.58	.49	.44	.46	.00	14.74
(2)	.41	.73	.58	.32	.24	.19	.34	.24	.23	.52	.98	.44	.24	.20	.18	.19	.00	6.03
3.1- 4.0	379	455	344	85	89	100	157	177	157	199	466	336	219	224	268	289	0	3944
(1)	1.56	1.88	1.42	.35	.37	.41	.65	.73	.65	.82	1.92	1.38	.90	.92	1.10	1.19	.00	16.26
(2)	.64	.77	.58	.14	.15	.17	.26	.30	.26	.34	.79	.57	.37	.38	.45	.49	.00	6.65
4.1- 5.0	405	414	216	61	56	92	132	136	180	176	412	481	297	284	458	468	0	4268
(1)	1.67	1.71	.89	.25	.23	.38	.54	.56	.74	.73	1.70	1.98	1.22	1.17	1.89	1.93	.00	17.59
(2)	.68	.70	.36	.10	.09	.16	.22	.23	.30	.30	.70	.81	.50	.48	.77	.79	.00	7.20
5.1- 6.0	242	300	114	21	31	49	91	79	124	170	311	592	328	265	419	389	0	3525
(1)	1.00	1.24	.47	.09	.13	.20	.38	.33	.51	.70	1.28	2.44	1.35	1.09	1.73	1.60	.00	14.53
(2)	.41	.51	.19	.04	.05	.08	.15	.13	.21	.29	.52	1.00	.55	.45	.71	.66	.00	5.95
6.1- 8.0	96	160	55	12	19	33	41	55	77	137	255	1047	467	280	417	277	0	3428

Table 2.3-24— {SSES 197' (60-m) 2001-2007 Annual JFD - continued}
(Page 2 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 40.94**

	WIND DIRECTION FROM																	
SPEED m/s	**N**	**NNE**	**NE**	**ENE**	**E**	**ESE**	**SE**	**SSE**	**S**	**SSW**	**SW**	**WSW**	**W**	**WNW**	**NW**	**NNW**	**VRBL**	**TOTAL**
(1)	.40	.66	.23	.05	.08	.14	.17	.23	.32	.56	1.05	4.32	1.92	1.15	1.72	1.14	.00	14.13
(2)	.16	.27	.09	.02	.03	.06	.07	.09	.13	.23	.43	1.77	.79	.47	.70	.47	.00	5.78
8.1-10.0	4	8	4	2	4	6	11	17	20	36	52	388	179	61	51	35	0	878
(1)	.02	.03	.02	.01	.02	.02	.05	.07	.08	.15	.21	1.60	.74	.25	.21	.14	.00	3.62
(2)	.01	.01	.01	.00	.01	.01	.02	.03	.03	.06	.09	.65	.30	.10	.09	.06	.00	1.48
10.1-40.3	1	2	1	3	1	3	3	6	9	11	4	136	48	8	1	0	0	237
(1)	.00	.01	.00	.01	.00	.01	.01	.02	.04	.05	.02	.56	.20	.03	.00	.00	.00	.98
(2)	.00	.00	.00	.01	.00	.01	.01	.01	.02	.02	.01	.23	.08	.01	.00	.00	.00	.40
ALL SPEEDS	1549	2230	1646	762	631	648	911	912	1064	1521	2565	3420	1732	1277	1759	1634	0	24261
(1)	6.38	9.19	6.78	3.14	2.60	2.67	3.75	3.76	4.39	6.27	10.57	14.10	7.14	5.26	7.25	6.74	.00	100.00
(2)	2.61	3.76	2.78	1.29	1.06	1.09	1.54	1.54	1.80	2.57	4.33	5.77	2.92	2.15	2.97	2.76	.00	40.94

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-24— {SSES 197' (60-m) 2001-2007 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.48**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	4
(1)	.00	.01	.01	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.2- .4	0	0	5	9	5	5	7	5	4	2	1	0	0	0	0	0	0	43
(1)	.00	.00	.03	.05	.03	.03	.04	.03	.02	.01	.01	.00	.00	.00	.00	.00	.00	.25
(2)	.00	.00	.01	.02	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	78	182	354	255	215	208	200	162	164	116	81	34	21	4	12	29	0	2115
(1)	.46	1.08	2.10	1.51	1.27	1.23	1.19	.96	.97	.69	.48	.20	.12	.02	.07	.17	.00	12.53
(2)	.13	.31	.60	.43	.36	.35	.34	.27	.28	.20	.14	.06	.04	.01	.02	.05	.00	3.57
1.1- 1.5	126	390	462	146	133	87	141	195	187	199	171	59	31	11	16	39	0	2393
(1)	.75	2.31	2.74	.87	.79	.52	.84	1.16	1.11	1.18	1.01	.35	.18	.07	.09	.23	.00	14.18
(2)	.21	.66	.78	.25	.22	.15	.24	.33	.32	.34	.29	.10	.05	.02	.03	.07	.00	4.04
1.6- 2.0	177	544	253	112	70	45	81	85	142	189	201	99	36	16	19	25	0	2094
(1)	1.05	3.22	1.50	.66	.41	.27	.48	.50	.84	1.12	1.19	.59	.21	.09	.11	.15	.00	12.41
(2)	.30	.92	.43	.19	.12	.08	.14	.14	.24	.32	.34	.17	.06	.03	.03	.04	.00	3.53
2.1- 3.0	329	776	362	165	108	95	102	165	191	283	436	216	100	94	59	71	0	3552
(1)	1.95	4.60	2.14	.98	.64	.56	.60	.98	1.13	1.68	2.58	1.28	.59	.56	.35	.42	.00	21.05
(2)	.56	1.31	.61	.28	.18	.16	.17	.28	.32	.48	.74	.36	.17	.16	.10	.12	.00	5.99
3.1- 4.0	189	331	271	63	63	55	81	132	200	343	396	263	90	48	92	90	0	2707
(1)	1.12	1.96	1.61	.37	.37	.33	.48	.78	1.19	2.03	2.35	1.56	.53	.28	.55	.53	.00	16.04
(2)	.32	.56	.46	.11	.11	.09	.14	.22	.34	.58	.67	.44	.15	.08	.16	.15	.00	4.57
4.1- 5.0	89	176	138	34	24	25	47	70	131	281	351	296	46	29	96	79	0	1912
(1)	.53	1.04	.82	.20	.14	.15	.28	.41	.78	1.66	2.08	1.75	.27	.17	.57	.47	.00	11.33
(2)	.15	.30	.23	.06	.04	.04	.08	.12	.22	.47	.59	.50	.08	.05	.16	.13	.00	3.23
5.1- 6.0	23	101	72	15	3	11	20	31	70	150	164	317	21	11	50	26	0	1085
(1)	.14	.60	.43	.09	.02	.07	.12	.18	.41	.89	.97	1.88	.12	.07	.30	.15	.00	6.43
(2)	.04	.17	.12	.03	.01	.02	.03	.05	.12	.25	.28	.53	.04	.02	.08	.04	.00	1.83
6.1- 8.0	6	59	30	4	15	13	16	30	76	125	59	261	23	11	15	9	0	752

Table 2.3-24— {SSES 197' (60-m) 2001-2007 Annual JFD - continued}
(Page 2 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.48**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.04	.35	.18	.02	.09	.08	.09	.18	.45	.74	.35	1.55	.14	.07	.09	.05	.00	4.46
(2)	.01	.10	.05	.01	.03	.02	.03	.05	.13	.21	.10	.44	.04	.02	.03	.02	.00	1.27
8.1-10.0	0	3	10	2	0	11	14	14	30	37	12	23	4	0	0	0	0	160
(1)	.00	.02	.06	.01	.00	.07	.08	.08	.18	.22	.07	.14	.02	.00	.00	.00	.00	.95
(2)	.00	.01	.02	.00	.00	.02	.02	.02	.05	.06	.02	.04	.01	.00	.00	.00	.00	.27
10.1-40.3	0	5	3	3	2	2	5	8	16	6	4	5	1	0	0	0	0	60
(1)	.00	.03	.02	.02	.01	.01	.03	.05	.09	.04	.02	.03	.01	.00	.00	.00	.00	.36
(2)	.00	.01	.01	.01	.00	.00	.01	.01	.03	.01	.01	.01	.00	.00	.00	.00	.00	.10
ALL SPEEDS	1017	2568	1961	809	638	557	714	898	1211	1731	1876	1573	373	224	359	368	0	16877
(1)	6.03	15.22	11.62	4.79	3.78	3.30	4.23	5.32	7.18	10.26	11.12	9.32	2.21	1.33	2.13	2.18	.00	100.00
(2)	1.72	4.33	3.31	1.37	1.08	.94	1.20	1.52	2.04	2.92	3.17	2.65	.63	.38	.61	.62	.00	28.48

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-24— {SSES 197' (60-m) 2001-2007 Annual JFD - continued}
(Page 1 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 11.56**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	1	1	6	6	3	3	0	1	0	1	0	0	0	0	0	0	0	22
(1)	.01	.01	.09	.09	.04	.04	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.32
(2)	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
.5- 1.0	31	98	226	176	145	129	110	56	50	30	14	9	9	6	8	8	0	1105
(1)	.45	1.43	3.30	2.57	2.12	1.88	1.61	.82	.73	.44	.20	.13	.13	.09	.12	.12	.00	16.12
(2)	.05	.17	.38	.30	.24	.22	.19	.09	.08	.05	.02	.02	.02	.01	.01	.01	.00	1.86
1.1- 1.5	95	455	389	133	96	70	83	82	107	59	40	14	6	3	5	12	0	1649
(1)	1.39	6.64	5.68	1.94	1.40	1.02	1.21	1.20	1.56	.86	.58	.20	.09	.04	.07	.18	.00	24.06
(2)	.16	.77	.66	.22	.16	.12	.14	.14	.18	.10	.07	.02	.01	.01	.01	.02	.00	2.78
1.6- 2.0	155	711	218	40	31	20	18	38	70	86	51	16	8	10	10	10	0	1492
(1)	2.26	10.38	3.18	.58	.45	.29	.26	.55	1.02	1.25	.74	.23	.12	.15	.15	.15	.00	21.77
(2)	.26	1.20	.37	.07	.05	.03	.03	.06	.12	.15	.09	.03	.01	.02	.02	.02	.00	2.52
2.1- 3.0	289	806	134	17	21	10	13	20	66	127	163	22	11	13	19	18	0	1749
(1)	4.22	11.76	1.96	.25	.31	.15	.19	.29	.96	1.85	2.38	.32	.16	.19	.28	.26	.00	25.52
(2)	.49	1.36	.23	.03	.04	.02	.02	.03	.11	.21	.28	.04	.02	.02	.03	.03	.00	2.95
3.1- 4.0	50	97	31	1	5	3	7	11	26	67	121	69	5	2	14	5	0	514
(1)	.73	1.42	.45	.01	.07	.04	.10	.16	.38	.98	1.77	1.01	.07	.03	.20	.07	.00	7.50
(2)	.08	.16	.05	.00	.01	.01	.01	.02	.04	.11	.20	.12	.01	.00	.02	.01	.00	.87
4.1- 5.0	7	6	3	0	0	1	0	1	10	28	44	108	0	0	4	3	0	215
(1)	.10	.09	.04	.00	.00	.01	.00	.01	.15	.41	.64	1.58	.00	.00	.06	.04	.00	3.14
(2)	.01	.01	.01	.00	.00	.00	.00	.00	.02	.05	.07	.18	.00	.00	.01	.01	.00	.36
5.1- 6.0	3	0	0	0	1	0	0	0	2	6	14	56	0	0	0	1	0	83
(1)	.04	.00	.00	.00	.01	.00	.00	.00	.03	.09	.20	.82	.00	.00	.00	.01	.00	1.21
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.09	.00	.00	.00	.00	.00	.14
6.1- 8.0	1	0	0	0	0	0	0	1	1	1	1	15	1	0	1	0	0	22

Table 2.3-24— {SSES 197' (60-m) 2001-2007 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 11.56**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.22	.01	.00	.01	.00	.00	.32
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.04
8.1-10.0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	632	2174	1008	373	302	236	231	210	332	406	448	309	40	34	61	57	0	6853
(1)	9.22	31.72	14.71	5.44	4.41	3.44	3.37	3.06	4.84	5.92	6.54	4.51	.58	.50	.89	.83	.00	100.00
(2)	1.07	3.67	1.70	.63	.51	.40	.39	.35	.56	.69	.76	.52	.07	.06	.10	.10	.00	11.56

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-24— {SSES 197' (60-m) 2001-2007 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.57**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	1	2	1	4	1	0	0	0	0	0	0	0	0	1	0	0	10
(1)	.00	.02	.04	.02	.09	.02	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.22
(2)	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	20	46	118	115	89	76	51	39	26	14	5	3	1	1	0	3	0	607
(1)	.45	1.03	2.63	2.56	1.98	1.69	1.14	.87	.58	.31	.11	.07	.02	.02	.00	.07	.00	13.54
(2)	.03	.08	.20	.19	.15	.13	.09	.07	.04	.02	.01	.01	.00	.00	.00	.01	.00	1.02
1.1- 1.5	45	280	328	123	88	71	63	59	69	41	21	4	4	5	4	6	0	1211
(1)	1.00	6.24	7.31	2.74	1.96	1.58	1.40	1.32	1.54	.91	.47	.09	.09	.11	.09	.13	.00	27.01
(2)	.08	.47	.55	.21	.15	.12	.11	.10	.12	.07	.04	.01	.01	.01	.01	.01	.00	2.04
1.6- 2.0	132	543	227	49	15	12	17	23	59	52	33	10	2	2	5	3	0	1184
(1)	2.94	12.11	5.06	1.09	.33	.27	.38	.51	1.32	1.16	.74	.22	.04	.04	.11	.07	.00	26.40
(2)	.22	.92	.38	.08	.03	.02	.03	.04	.10	.09	.06	.02	.00	.00	.01	.01	.00	2.00
2.1- 3.0	229	447	117	14	6	12	8	14	68	98	92	18	1	6	15	10	0	1155
(1)	5.11	9.97	2.61	.31	.13	.27	.18	.31	1.52	2.19	2.05	.40	.02	.13	.33	.22	.00	25.76
(2)	.39	.75	.20	.02	.01	.02	.01	.02	.11	.17	.16	.03	.00	.01	.03	.02	.00	1.95
3.1- 4.0	39	43	8	0	0	2	3	0	13	47	48	19	2	3	9	1	0	237
(1)	.87	.96	.18	.00	.00	.04	.07	.00	.29	1.05	1.07	.42	.04	.07	.20	.02	.00	5.29
(2)	.07	.07	.01	.00	.00	.00	.01	.00	.02	.08	.08	.03	.00	.01	.02	.00	.00	.40
4.1- 5.0	3	0	0	0	1	0	0	1	3	16	7	25	0	0	1	0	0	57
(1)	.07	.00	.00	.00	.02	.00	.00	.02	.07	.36	.16	.56	.00	.00	.02	.00	.00	1.27
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.01	.03	.01	.04	.00	.00	.00	.00	.00	.10
5.1- 6.0	0	0	0	0	0	0	0	1	1	4	1	8	0	0	0	0	0	15
(1)	.00	.00	.00	.00	.00	.00	.00	.02	.02	.09	.02	.18	.00	.00	.00	.00	.00	.33
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.00	.00	.00	.00	.00	.03
6.1- 8.0	0	0	0	0	0	0	0	0	0	1	1	6	0	0	0	0	0	8

Table 2.3-24— {SSES 197' (60-m) 2001-2007 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.57**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.13	.00	.00	.00	.00	.00	.18
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	468	1360	800	302	203	174	142	137	239	273	208	93	10	17	35	23	0	4484
(1)	10.44	30.33	17.84	6.74	4.53	3.88	3.17	3.06	5.33	6.09	4.64	2.07	.22	.38	.78	.51	.00	100.00
(2)	.79	2.29	1.35	.51	.34	.29	.24	.23	.40	.46	.35	.16	.02	.03	.06	.04	.00	7.57

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-24— {SSES 197' (60-m) 2001-2007 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	1	2	1	1	0	0	1	0	0	0	0	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.2- .4	1	5	14	18	17	10	7	8	5	4	3	0	1	0	2	0	0	95
(1)	.00	.01	.02	.03	.03	.02	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.16
(2)	.00	.01	.02	.03	.03	.02	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.16
.5- 1.0	159	418	882	726	578	549	482	359	361	239	152	68	42	21	28	52	0	5116
(1)	.27	.71	1.49	1.22	.98	.93	.81	.61	.61	.40	.26	.11	.07	.04	.05	.09	.00	8.63
(2)	.27	.71	1.49	1.22	.98	.93	.81	.61	.61	.40	.26	.11	.07	.04	.05	.09	.00	8.63
1.1- 1.5	340	1336	1453	592	437	317	397	468	547	538	423	133	56	32	39	89	0	7197
(1)	.57	2.25	2.45	1.00	.74	.53	.67	.79	.92	.91	.71	.22	.09	.05	.07	.15	.00	12.14
(2)	.57	2.25	2.45	1.00	.74	.53	.67	.79	.92	.91	.71	.22	.09	.05	.07	.15	.00	12.14
1.6- 2.0	562	2029	933	350	232	171	218	249	419	634	623	248	81	49	54	65	0	6917
(1)	.95	3.42	1.57	.59	.39	.29	.37	.42	.71	1.07	1.05	.42	.14	.08	.09	.11	.00	11.67
(2)	.95	3.42	1.57	.59	.39	.29	.37	.42	.71	1.07	1.05	.42	.14	.08	.09	.11	.00	11.67
2.1- 3.0	1124	2559	1074	425	297	258	362	379	512	972	1533	585	262	240	214	229	0	11025
(1)	1.90	4.32	1.81	.72	.50	.44	.61	.64	.86	1.64	2.59	.99	.44	.40	.36	.39	.00	18.60
(2)	1.90	4.32	1.81	.72	.50	.44	.61	.64	.86	1.64	2.59	.99	.44	.40	.36	.39	.00	18.60
3.1- 4.0	726	1050	755	163	169	170	280	348	442	772	1410	821	345	300	411	414	0	8576
(1)	1.22	1.77	1.27	.28	.29	.29	.47	.59	.75	1.30	2.38	1.39	.58	.51	.69	.70	.00	14.47
(2)	1.22	1.77	1.27	.28	.29	.29	.47	.59	.75	1.30	2.38	1.39	.58	.51	.69	.70	.00	14.47
4.1- 5.0	622	727	398	111	88	126	215	241	383	603	1268	1108	400	357	600	610	0	7857
(1)	1.05	1.23	.67	.19	.15	.21	.36	.41	.65	1.02	2.14	1.87	.67	.60	1.01	1.03	.00	13.26
(2)	1.05	1.23	.67	.19	.15	.21	.36	.41	.65	1.02	2.14	1.87	.67	.60	1.01	1.03	.00	13.26
5.1- 6.0	344	497	205	45	38	62	146	136	245	410	788	1209	415	294	498	471	0	5803
(1)	.58	.84	.35	.08	.06	.10	.25	.23	.41	.69	1.33	2.04	.70	.50	.84	.79	.00	9.79
(2)	.58	.84	.35	.08	.06	.10	.25	.23	.41	.69	1.33	2.04	.70	.50	.84	.79	.00	9.79
6.1- 8.0	145	261	95	17	36	54	67	103	202	345	526	1676	543	301	466	311	0	5148

Table 2.3-24— {SSES 197' (60-m) 2001-2007 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC07 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.24	.44	.16	.03	.06	.09	.11	.17	.34	.58	.89	2.83	.92	.51	.79	.52	.00	8.69
(2)	.24	.44	.16	.03	.06	.09	.11	.17	.34	.58	.89	2.83	.92	.51	.79	.52	.00	8.69
8.1-10.0	13	15	15	4	4	18	27	32	52	95	88	492	192	61	55	40	0	1203
(1)	.02	.03	.03	.01	.01	.03	.05	.05	.09	.16	.15	.83	.32	.10	.09	.07	.00	2.03
(2)	.02	.03	.03	.01	.01	.03	.05	.05	.09	.16	.15	.83	.32	.10	.09	.07	.00	2.03
10.1-40.3	1	7	4	6	3	5	9	14	26	17	15	158	49	8	1	1	0	324
(1)	.00	.01	.01	.01	.01	.01	.02	.02	.04	.03	.03	.27	.08	.01	.00	.00	.00	.55
(2)	.00	.01	.01	.01	.01	.01	.02	.02	.04	.03	.03	.27	.08	.01	.00	.00	.00	.55
ALL SPEEDS	4037	8905	5830	2458	1900	1740	2210	2338	3194	4629	6829	6498	2386	1663	2368	2282	0	59267
(1)	6.81	15.03	9.84	4.15	3.21	2.94	3.73	3.94	5.39	7.81	11.52	10.96	4.03	2.81	4.00	3.85	.00	100.00
(2)	6.81	15.03	9.84	4.15	3.21	2.94	3.73	3.94	5.39	7.81	11.52	10.96	4.03	2.81	4.00	3.85	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-25— {SSES 33' (10-m) 2001-2006 Annual JFD}

(Page 1 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 5.76**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	2	2	12	11	12	9	5	1	2	1	0	0	0	0	0	57
(1)	.00	.00	.07	.07	.40	.37	.40	.30	.17	.03	.07	.03	.00	.00	.00	.00	.00	1.90
(2)	.00	.00	.00	.00	.02	.02	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.11
1.1- 1.5	2	12	30	36	35	35	24	24	37	35	32	15	5	2	2	4	0	330
(1)	.07	.40	1.00	1.20	1.17	1.17	.80	.80	1.23	1.17	1.07	.50	.17	.07	.07	.13	.00	10.99
(2)	.00	.02	.06	.07	.07	.07	.05	.05	.07	.07	.06	.03	.01	.00	.00	.01	.00	.63
1.6- 2.0	6	15	27	26	29	22	22	33	47	68	74	18	4	2	3	4	0	400
(1)	.20	.50	.90	.87	.97	.73	.73	1.10	1.56	2.26	2.46	.60	.13	.07	.10	.13	.00	13.32
(2)	.01	.03	.05	.05	.06	.04	.04	.06	.09	.13	.14	.03	.01	.00	.01	.01	.00	.77
2.1- 3.0	23	52	60	15	11	9	44	37	81	178	313	59	10	10	8	14	0	924
(1)	.77	1.73	2.00	.50	.37	.30	1.46	1.23	2.70	5.93	10.42	1.96	.33	.33	.27	.47	.00	30.76
(2)	.04	.10	.12	.03	.02	.02	.08	.07	.16	.34	.60	.11	.02	.02	.02	.03	.00	1.77
3.1- 4.0	57	65	22	1	1	3	21	23	52	103	299	81	24	13	10	14	0	789
(1)	1.90	2.16	.73	.03	.03	.10	.70	.77	1.73	3.43	9.95	2.70	.80	.43	.33	.47	.00	26.26
(2)	.11	.12	.04	.00	.00	.01	.04	.04	.10	.20	.57	.16	.05	.02	.02	.03	.00	1.51
4.1- 5.0	21	17	4	0	0	1	14	7	25	30	138	88	15	5	5	9	0	379
(1)	.70	.57	.13	.00	.00	.03	.47	.23	.83	1.00	4.59	2.93	.50	.17	.17	.30	.00	12.62
(2)	.04	.03	.01	.00	.00	.00	.03	.01	.05	.06	.26	.17	.03	.01	.01	.02	.00	.73
5.1- 6.0	9	2	0	0	0	1	2	0	0	3	40	32	3	0	3	5	0	100
(1)	.30	.07	.00	.00	.00	.03	.07	.00	.00	.10	1.33	1.07	.10	.00	.10	.17	.00	3.33
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.01	.08	.06	.01	.00	.01	.01	.00	.19
6.1- 8.0	3	0	0	0	0	0	0	1	1	0	12	5	0	0	1	2	0	25

Table 2.3-25— {SSES 33' (10-m) 2001-2006 Annual JFD}
(Page 2 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 5.76

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.10	.00	.00	.00	.00	.00	.00	.03	.03	.00	.40	.17	.00	.00	.03	.07	.00	.83
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.00	.00	.00	.05
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	121	163	145	80	88	82	139	134	248	418	910	299	61	32	32	52	0	3004
(1)	4.03	5.43	4.83	2.66	2.93	2.73	4.63	4.46	8.26	13.91	30.29	9.95	2.03	1.07	1.07	1.73	.00	100.00
(2)	.23	.31	.28	.15	.17	.16	.27	.26	.48	.80	1.75	.57	.12	.06	.06	.10	.00	5.76

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-25— {SSES 33' (10-m) 2001-2006 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.07**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	2	0	3	2	13	11	5	3	5	2	1	1	0	1	1	0	0	50
(1)	.13	.00	.19	.13	.81	.69	.31	.19	.31	.13	.06	.06	.00	.06	.06	.00	.00	3.13
(2)	.00	.00	.01	.00	.02	.02	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.10
1.1- 1.5	7	2	17	25	17	11	11	10	18	19	13	2	0	1	0	0	0	153
(1)	.44	.13	1.06	1.56	1.06	.69	.69	.63	1.13	1.19	.81	.13	.00	.06	.00	.00	.00	9.57
(2)	.01	.00	.03	.05	.03	.02	.02	.02	.03	.04	.02	.00	.00	.00	.00	.00	.00	.29
1.6- 2.0	11	16	13	13	11	7	9	14	10	28	29	7	0	1	0	5	0	174
(1)	.69	1.00	.81	.81	.69	.44	.56	.88	.63	1.75	1.81	.44	.00	.06	.00	.31	.00	10.89
(2)	.02	.03	.02	.02	.02	.01	.02	.03	.02	.05	.06	.01	.00	.00	.00	.01	.00	.33
2.1- 3.0	10	50	41	7	7	3	20	11	25	66	118	25	10	2	10	7	0	412
(1)	.63	3.13	2.57	.44	.44	.19	1.25	.69	1.56	4.13	7.38	1.56	.63	.13	.63	.44	.00	25.78
(2)	.02	.10	.08	.01	.01	.01	.04	.02	.05	.13	.23	.05	.02	.00	.02	.01	.00	.79
3.1- 4.0	33	35	20	1	5	1	9	8	14	26	148	49	22	17	10	24	0	422
(1)	2.07	2.19	1.25	.06	.31	.06	.56	.50	.88	1.63	9.26	3.07	1.38	1.06	.63	1.50	.00	26.41
(2)	.06	.07	.04	.00	.01	.00	.02	.02	.03	.05	.28	.09	.04	.03	.02	.05	.00	.81
4.1- 5.0	19	13	2	0	2	1	3	2	4	8	91	48	19	12	9	21	0	254
(1)	1.19	.81	.13	.00	.13	.06	.19	.13	.25	.50	5.69	3.00	1.19	.75	.56	1.31	.00	15.89
(2)	.04	.02	.00	.00	.00	.00	.01	.00	.01	.02	.17	.09	.04	.02	.02	.04	.00	.49
5.1- 6.0	6	4	0	0	0	0	1	0	1	2	37	32	2	1	8	8	0	102
(1)	.38	.25	.00	.00	.00	.00	.06	.00	.06	.13	2.32	2.00	.13	.06	.50	.50	.00	6.38
(2)	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.07	.06	.00	.00	.02	.02	.00	.20
6.1- 8.0	4	0	0	0	0	0	0	0	0	0	10	9	0	0	3	3	0	29

Table 2.3-25— {SSES 33' (10-m) 2001-2006 Annual JFD - continued}
(Page 2 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.07**

	WIND DIRECTION FROM																	
SPEED m/s	**N**	**NNE**	**NE**	**ENE**	**E**	**ESE**	**SE**	**SSE**	**S**	**SSW**	**SW**	**WSW**	**W**	**WNW**	**NW**	**NNW**	**VRBL**	**TOTAL**
(1)	.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.63	.56	.00	.00	.19	.19	.00	1.81
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.01	.01	.00	.06
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.00	.00	.00	.00	.06	.00	.13
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	92	120	96	48	55	34	58	48	77	151	448	173	53	35	41	69	0	1598
(1)	5.76	7.51	6.01	3.00	3.44	2.13	3.63	3.00	4.82	9.45	28.04	10.83	3.32	2.19	2.57	4.32	.00	100.00
(2)	.18	.23	.18	.09	.11	.07	.11	.09	.15	.29	.86	.33	.10	.07	.08	.13	.00	3.07

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-25— {SSES 33' (10-m) 2001-2006 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA | STABILITY CLASS C | CLASS FREQUENCY (PERCENT) = 4.25

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	2	5	5	15	21	14	10	10	3	2	0	0	1	0	0	0	88
(1)	.00	.09	.23	.23	.68	.95	.63	.45	.45	.14	.09	.00	.00	.05	.00	.00	.00	3.97
(2)	.00	.00	.01	.01	.03	.04	.03	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.17
1.1- 1.5	7	13	14	25	27	16	13	11	27	26	19	2	8	1	1	3	0	213
(1)	.32	.59	.63	1.13	1.22	.72	.59	.50	1.22	1.17	.86	.09	.36	.05	.05	.14	.00	9.62
(2)	.01	.02	.03	.05	.05	.03	.02	.02	.05	.05	.04	.00	.02	.00	.00	.01	.00	.41
1.6- 2.0	10	22	21	21	11	14	13	15	20	34	47	14	8	5	3	3	0	261
(1)	.45	.99	.95	.95	.50	.63	.59	.68	.90	1.53	2.12	.63	.36	.23	.14	.14	.00	11.78
(2)	.02	.04	.04	.04	.02	.03	.02	.03	.04	.07	.09	.03	.02	.01	.01	.01	.00	.50
2.1- 3.0	38	70	47	13	7	6	17	15	39	73	167	55	10	8	11	16	0	592
(1)	1.72	3.16	2.12	.59	.32	.27	.77	.68	1.76	3.30	7.54	2.48	.45	.36	.50	.72	.00	26.73
(2)	.07	.13	.09	.02	.01	.01	.03	.03	.07	.14	.32	.11	.02	.02	.02	.03	.00	1.14
3.1- 4.0	73	42	6	3	3	4	18	11	30	27	148	65	22	17	28	29	0	526
(1)	3.30	1.90	.27	.14	.14	.18	.81	.50	1.35	1.22	6.68	2.93	.99	.77	1.26	1.31	.00	23.75
(2)	.14	.08	.01	.01	.01	.01	.03	.02	.06	.05	.28	.12	.04	.03	.05	.06	.00	1.01
4.1- 5.0	32	10	4	0	0	2	3	4	10	9	89	79	21	14	16	29	0	322
(1)	1.44	.45	.18	.00	.00	.09	.14	.18	.45	.41	4.02	3.57	.95	.63	.72	1.31	.00	14.54
(2)	.06	.02	.01	.00	.00	.00	.01	.01	.02	.02	.17	.15	.04	.03	.03	.06	.00	.62
5.1- 6.0	10	3	0	0	0	0	1	0	1	0	36	44	18	2	18	21	0	154
(1)	.45	.14	.00	.00	.00	.00	.05	.00	.05	.00	1.63	1.99	.81	.09	.81	.95	.00	6.95
(2)	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.07	.08	.03	.00	.03	.04	.00	.30
6.1- 8.0	2	0	0	0	0	0	1	0	0	0	14	23	7	0	3	5	0	55

Table 2.3-25— {SSES 33' (10-m) 2001-2006 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.25**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.09	.00	.00	.00	.00	.00	.05	.00	.00	.00	.63	1.04	.32	.00	.14	.23	.00	2.48
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.04	.01	.00	.01	.01	.00	.11
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.14	.00	.00	.00	.00	.00	.18
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	172	162	97	67	63	63	80	66	137	172	523	285	94	48	80	106	0	2215
(1)	7.77	7.31	4.38	3.02	2.84	2.84	3.61	2.98	6.19	7.77	23.61	12.87	4.24	2.17	3.61	4.79	.00	100.00
(2)	.33	.31	.19	.13	.12	.12	.15	.13	.26	.33	1.00	.55	.18	.09	.15	.20	.00	4.25

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-25— {SSES 33' (10-m) 2001-2006 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 38.76**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	7
(1)	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.2- .4	0	0	4	8	12	5	3	6	2	1	1	0	0	1	1	0	0	44
(1)	.00	.00	.02	.04	.06	.02	.01	.03	.01	.00	.00	.00	.00	.00	.00	.00	.00	.22
(2)	.00	.00	.01	.02	.02	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08
.5- 1.0	32	114	199	228	298	278	220	143	146	80	47	24	9	4	22	18	0	1862
(1)	.16	.56	.99	1.13	1.48	1.38	1.09	.71	.72	.40	.23	.12	.04	.02	.11	.09	.00	9.22
(2)	.06	.22	.38	.44	.57	.53	.42	.27	.28	.15	.09	.05	.02	.01	.04	.03	.00	3.57
1.1- 1.5	106	291	295	216	174	149	221	179	261	285	211	96	41	35	37	33	0	2630
(1)	.52	1.44	1.46	1.07	.86	.74	1.09	.89	1.29	1.41	1.04	.48	.20	.17	.18	.16	.00	13.02
(2)	.20	.56	.57	.41	.33	.29	.42	.34	.50	.55	.40	.18	.08	.07	.07	.06	.00	5.05
1.6- 2.0	159	317	282	131	108	116	190	162	202	303	264	124	89	55	54	61	0	2617
(1)	.79	1.57	1.40	.65	.53	.57	.94	.80	1.00	1.50	1.31	.61	.44	.27	.27	.30	.00	12.95
(2)	.31	.61	.54	.25	.21	.22	.36	.31	.39	.58	.51	.24	.17	.11	.10	.12	.00	5.02
2.1- 3.0	497	598	415	113	92	164	256	232	313	458	664	285	207	206	253	331	0	5084
(1)	2.46	2.96	2.05	.56	.46	.81	1.27	1.15	1.55	2.27	3.29	1.41	1.02	1.02	1.25	1.64	.00	25.17
(2)	.95	1.15	.80	.22	.18	.31	.49	.45	.60	.88	1.27	.55	.40	.40	.49	.64	.00	9.76
3.1- 4.0	460	281	111	40	29	47	115	86	107	158	627	323	220	233	408	456	0	3701
(1)	2.28	1.39	.55	.20	.14	.23	.57	.43	.53	.78	3.10	1.60	1.09	1.15	2.02	2.26	.00	18.32
(2)	.88	.54	.21	.08	.06	.09	.22	.17	.21	.30	1.20	.62	.42	.45	.78	.88	.00	7.10
4.1- 5.0	200	60	14	6	11	17	26	27	44	33	376	338	229	196	382	395	0	2354
(1)	.99	.30	.07	.03	.05	.08	.13	.13	.22	.16	1.86	1.67	1.13	.97	1.89	1.96	.00	11.65
(2)	.38	.12	.03	.01	.02	.03	.05	.05	.08	.06	.72	.65	.44	.38	.73	.76	.00	4.52
5.1- 6.0	40	8	5	2	4	6	10	12	9	6	170	251	128	126	251	182	0	1210
(1)	.20	.04	.02	.01	.02	.03	.05	.06	.04	.03	.84	1.24	.63	.62	1.24	.90	.00	5.99
(2)	.08	.02	.01	.00	.01	.01	.02	.02	.02	.01	.33	.48	.25	.24	.48	.35	.00	2.32
6.1- 8.0	6	1	1	2	0	3	5	8	7	2	75	192	91	66	82	72	0	613

Table 2.3-25— {SSES 33' (10-m) 2001-2006 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA | STABILITY CLASS D | CLASS FREQUENCY (PERCENT) = 38.76

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.03	.00	.00	.01	.00	.01	.02	.04	.03	.01	.37	.95	.45	.33	.41	.36	.00	3.03
(2)	.01	.00	.00	.00	.00	.01	.01	.02	.01	.00	.14	.37	.17	.13	.16	.14	.00	1.18
8.1-10.0	0	0	0	0	0	0	1	0	2	0	5	44	17	4	2	2	0	77
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.02	.22	.08	.02	.01	.01	.00	.38
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.08	.03	.01	.00	.00	.00	.15
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	1501	1671	1327	748	730	785	1047	855	1093	1326	2440	1678	1032	926	1492	1550	0	20201
(1)	7.43	8.27	6.57	3.70	3.61	3.89	5.18	4.23	5.41	6.56	12.08	8.31	5.11	4.58	7.39	7.67	.00	100.00
(2)	2.88	3.21	2.55	1.44	1.40	1.51	2.01	1.64	2.10	2.54	4.68	3.22	1.98	1.78	2.86	2.97	.00	38.76

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-25— {SSES 33' (10-m) 2001-2006 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.78**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	3	5	3	1	0	0	0	1	0	0	0	0	0	0	0	13
(1)	.00	.00	.02	.03	.02	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	0	4	13	18	34	22	21	16	5	3	1	0	1	0	0	1	0	139
(1)	.00	.03	.09	.12	.23	.15	.14	.11	.03	.02	.01	.00	.01	.00	.00	.01	.00	.93
(2)	.00	.01	.02	.03	.07	.04	.04	.03	.01	.01	.00	.00	.00	.00	.00	.00	.00	.27
.5- 1.0	86	246	662	1121	965	624	584	399	369	199	74	23	20	15	13	18	0	5418
(1)	.57	1.64	4.41	7.48	6.44	4.16	3.89	2.66	2.46	1.33	.49	.15	.13	.10	.09	.12	.00	36.13
(2)	.17	.47	1.27	2.15	1.85	1.20	1.12	.77	.71	.38	.14	.04	.04	.03	.02	.03	.00	10.40
1.1- 1.5	143	475	648	457	145	118	196	262	478	438	205	73	47	22	25	34	0	3766
(1)	.95	3.17	4.32	3.05	.97	.79	1.31	1.75	3.19	2.92	1.37	.49	.31	.15	.17	.23	.00	25.11
(2)	.27	.91	1.24	.88	.28	.23	.38	.50	.92	.84	.39	.14	.09	.04	.05	.07	.00	7.23
1.6- 2.0	188	381	240	77	38	48	54	123	227	422	209	107	41	30	38	42	0	2265
(1)	1.25	2.54	1.60	.51	.25	.32	.36	.82	1.51	2.81	1.39	.71	.27	.20	.25	.28	.00	15.10
(2)	.36	.73	.46	.15	.07	.09	.10	.24	.44	.81	.40	.21	.08	.06	.07	.08	.00	4.35
2.1- 3.0	213	327	179	30	34	43	56	78	177	336	350	91	61	36	79	133	0	2223
(1)	1.42	2.18	1.19	.20	.23	.29	.37	.52	1.18	2.24	2.33	.61	.41	.24	.53	.89	.00	14.82
(2)	.41	.63	.34	.06	.07	.08	.11	.15	.34	.64	.67	.17	.12	.07	.15	.26	.00	4.27
3.1- 4.0	67	96	57	14	12	17	19	31	62	73	173	58	17	17	26	59	0	798
(1)	.45	.64	.38	.09	.08	.11	.13	.21	.41	.49	1.15	.39	.11	.11	.17	.39	.00	5.32
(2)	.13	.18	.11	.03	.02	.03	.04	.06	.12	.14	.33	.11	.03	.03	.05	.11	.00	1.53
4.1- 5.0	13	14	7	2	5	4	12	19	27	27	48	18	6	2	11	16	0	231
(1)	.09	.09	.05	.01	.03	.03	.08	.13	.18	.18	.32	.12	.04	.01	.07	.11	.00	1.54
(2)	.02	.03	.01	.00	.01	.01	.02	.04	.05	.05	.09	.03	.01	.00	.02	.03	.00	.44
5.1- 6.0	4	1	5	3	1	8	8	8	16	6	11	10	2	4	2	2	0	91
(1)	.03	.01	.03	.02	.01	.05	.05	.05	.11	.04	.07	.07	.01	.03	.01	.01	.00	.61
(2)	.01	.00	.01	.01	.00	.02	.02	.02	.03	.01	.02	.02	.00	.01	.00	.00	.00	.17
6.1- 8.0	0	3	0	2	2	2	8	8	7	1	5	8	0	0	1	1	0	48

Table 2.3-25— {SSES 33' (10-m) 2001-2006 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.78**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.02	.00	.01	.01	.01	.05	.05	.05	.01	.03	.05	.00	.00	.01	.01	.00	.32
(2)	.00	.01	.00	.00	.00	.00	.02	.02	.01	.00	.01	.02	.00	.00	.00	.00	.00	.09
8.1-10.0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	3
(1)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	714	1548	1814	1729	1239	887	958	944	1368	1506	1077	390	195	126	195	306	0	14996
(1)	4.76	10.32	12.10	11.53	8.26	5.91	6.39	6.30	9.12	10.04	7.18	2.60	1.30	.84	1.30	2.04	.00	100.00
(2)	1.37	2.97	3.48	3.32	2.38	1.70	1.84	1.81	2.63	2.89	2.07	.75	.37	.24	.37	.59	.00	28.78

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-25— {SSES 33' (10-m) 2001-2006 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 11.95**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.02	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.2- .4	1	3	4	14	27	9	6	3	2	0	2	0	1	0	0	0	0	72
(1)	.02	.05	.06	.22	.43	.14	.10	.05	.03	.00	.03	.00	.02	.00	.00	.00	.00	1.16
(2)	.00	.01	.01	.03	.05	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
.5- 1.0	14	83	460	1654	877	346	209	152	145	42	19	7	5	2	7	6	0	4028
(1)	.22	1.33	7.39	26.56	14.08	5.56	3.36	2.44	2.33	.67	.31	.11	.08	.03	.11	.10	.00	64.68
(2)	.03	.16	.88	3.17	1.68	.66	.40	.29	.28	.08	.04	.01	.01	.00	.01	.01	.00	7.73
1.1- 1.5	24	94	324	927	85	19	29	54	111	77	30	6	2	3	3	5	0	1793
(1)	.39	1.51	5.20	14.88	1.36	.31	.47	.87	1.78	1.24	.48	.10	.03	.05	.05	.08	.00	28.79
(2)	.05	.18	.62	1.78	.16	.04	.06	.10	.21	.15	.06	.01	.00	.01	.01	.01	.00	3.44
1.6- 2.0	9	46	47	75	2	1	1	11	15	37	17	5	0	0	2	3	0	271
(1)	.14	.74	.75	1.20	.03	.02	.02	.18	.24	.59	.27	.08	.00	.00	.03	.05	.00	4.35
(2)	.02	.09	.09	.14	.00	.00	.00	.02	.03	.07	.03	.01	.00	.00	.00	.01	.00	.52
2.1- 3.0	4	8	1	0	0	0	0	1	3	5	19	5	2	1	1	3	0	53
(1)	.06	.13	.02	.00	.00	.00	.00	.02	.05	.08	.31	.08	.03	.02	.02	.05	.00	.85
(2)	.01	.02	.00	.00	.00	.00	.00	.00	.01	.01	.04	.01	.00	.00	.00	.01	.00	.10
3.1- 4.0	2	1	1	0	0	0	0	0	0	1	0	0	0	0	1	1	0	7
(1)	.03	.02	.02	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.02	.00	.11
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-25— {SSES 33' (10-m) 2001-2006 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 11.95**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	54	236	838	2671	992	375	245	221	276	162	87	23	10	6	14	18	0	6228
(1)	.87	3.79	13.46	42.89	15.93	6.02	3.93	3.55	4.43	2.60	1.40	.37	.16	.10	.22	.29	.00	100.00
(2)	.10	.45	1.61	5.13	1.90	.72	.47	.42	.53	.31	.17	.04	.02	.01	.03	.03	.00	11.95

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-25— {SSES 33' (10-m) 2001-2006 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.43**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.03	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	1	0	0	3	3	2	1	0	0	0	0	0	0	0	0	0	0	10
(1)	.03	.00	.00	.08	.08	.05	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.26
(2)	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	8	32	398	1281	403	129	71	48	24	8	4	1	0	0	2	2	0	2411
(1)	.21	.83	10.28	33.09	10.41	3.33	1.83	1.24	.62	.21	.10	.03	.00	.00	.05	.05	.00	62.28
(2)	.02	.06	.76	2.46	.77	.25	.14	.09	.05	.02	.01	.00	.00	.00	.00	.00	.00	4.63
1.1- 1.5	2	14	225	977	46	13	9	10	21	7	2	0	0	0	0	2	0	1328
(1)	.05	.36	5.81	25.24	1.19	.34	.23	.26	.54	.18	.05	.00	.00	.00	.00	.05	.00	34.31
(2)	.00	.03	.43	1.87	.09	.02	.02	.02	.04	.01	.00	.00	.00	.00	.00	.00	.00	2.55
1.6- 2.0	2	4	24	71	1	1	0	1	0	4	3	0	0	0	0	0	0	111
(1)	.05	.10	.62	1.83	.03	.03	.00	.03	.00	.10	.08	.00	.00	.00	.00	.00	.00	2.87
(2)	.00	.01	.05	.14	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.21
2.1- 3.0	0	2	2	1	0	0	2	0	0	2	0	0	0	0	0	0	0	9
(1)	.00	.05	.05	.03	.00	.00	.05	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.23
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-25— {SSES 33' (10-m) 2001-2006 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.43**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	14	52	649	2334	453	145	83	59	45	21	9	1	0	0	2	4	0	3871
(1)	.36	1.34	16.77	60.29	11.70	3.75	2.14	1.52	1.16	.54	.23	.03	.00	.00	.05	.10	.00	100.00
(2)	.03	.10	1.25	4.48	.87	.28	.16	.11	.09	.04	.02	.00	.00	.00	.00	.01	.00	7.43

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-25— {SSES 33' (10-m) 2001-2006 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	2	2	5	9	6	1	0	0	0	1	0	0	0	0	0	0	0	26
(1)	.00	.00	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
(2)	.00	.00	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
.2- .4	2	7	21	43	76	38	31	25	9	4	4	0	2	1	1	1	0	265
(1)	.00	.01	.04	.08	.15	.07	.06	.05	.02	.01	.01	.00	.00	.00	.00	.00	.00	.51
(2)	.00	.01	.04	.08	.15	.07	.06	.05	.02	.01	.01	.00	.00	.00	.00	.00	.00	.51
.5- 1.0	142	477	1729	4293	2583	1420	1115	764	704	335	149	57	34	23	45	44	0	13914
(1)	.27	.92	3.32	8.24	4.96	2.72	2.14	1.47	1.35	.64	.29	.11	.07	.04	.09	.08	.00	26.70
(2)	.27	.92	3.32	8.24	4.96	2.72	2.14	1.47	1.35	.64	.29	.11	.07	.04	.09	.08	.00	26.70
1.1- 1.5	291	901	1553	2663	529	361	503	550	953	887	512	194	103	64	68	81	0	10213
(1)	.56	1.73	2.98	5.11	1.02	.69	.97	1.06	1.83	1.70	.98	.37	.20	.12	.13	.16	.00	19.60
(2)	.56	1.73	2.98	5.11	1.02	.69	.97	1.06	1.83	1.70	.98	.37	.20	.12	.13	.16	.00	19.60
1.6- 2.0	385	801	654	414	200	209	289	359	521	896	643	275	142	93	100	118	0	6099
(1)	.74	1.54	1.25	.79	.38	.40	.55	.69	1.00	1.72	1.23	.53	.27	.18	.19	.23	.00	11.70
(2)	.74	1.54	1.25	.79	.38	.40	.55	.69	1.00	1.72	1.23	.53	.27	.18	.19	.23	.00	11.70
2.1- 3.0	785	1107	745	179	151	225	395	374	638	1118	1631	520	300	263	362	504	0	9297
(1)	1.51	2.12	1.43	.34	.29	.43	.76	.72	1.22	2.15	3.13	1.00	.58	.50	.69	.97	.00	17.84
(2)	1.51	2.12	1.43	.34	.29	.43	.76	.72	1.22	2.15	3.13	1.00	.58	.50	.69	.97	.00	17.84
3.1- 4.0	692	520	217	59	50	72	182	159	265	388	1395	576	305	297	483	583	0	6243
(1)	1.33	1.00	.42	.11	.10	.14	.35	.31	.51	.74	2.68	1.11	.59	.57	.93	1.12	.00	11.98
(2)	1.33	1.00	.42	.11	.10	.14	.35	.31	.51	.74	2.68	1.11	.59	.57	.93	1.12	.00	11.98
4.1- 5.0	285	114	31	8	18	25	58	59	110	107	742	571	290	229	423	470	0	3540
(1)	.55	.22	.06	.02	.03	.05	.11	.11	.21	.21	1.42	1.10	.56	.44	.81	.90	.00	6.79
(2)	.55	.22	.06	.02	.03	.05	.11	.11	.21	.21	1.42	1.10	.56	.44	.81	.90	.00	6.79
5.1- 6.0	69	18	10	5	5	15	22	20	27	17	294	369	153	133	282	218	0	1657
(1)	.13	.03	.02	.01	.01	.03	.04	.04	.05	.03	.56	.71	.29	.26	.54	.42	.00	3.18
(2)	.13	.03	.02	.01	.01	.03	.04	.04	.05	.03	.56	.71	.29	.26	.54	.42	.00	3.18
6.1- 8.0	15	4	1	4	2	5	14	17	15	3	116	237	98	66	90	83	0	770

Table 2.3-25— {SSES 33' (10-m) 2001-2006 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.03	.01	.00	.01	.00	.01	.03	.03	.03	.01	.22	.45	.19	.13	.17	.16	.00	1.48
(2)	.03	.01	.00	.01	.00	.01	.03	.03	.03	.01	.22	.45	.19	.13	.17	.16	.00	1.48
8.1-10.0	0	1	0	0	0	0	1	0	2	0	8	48	17	4	2	3	0	86
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.09	.03	.01	.00	.01	.00	.17
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.09	.03	.01	.00	.01	.00	.17
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
ALL SPEEDS	2668	3952	4966	7677	3620	2371	2610	2327	3244	3756	5494	2849	1445	1173	1856	2105	0	52113
(1)	5.12	7.58	9.53	14.73	6.95	4.55	5.01	4.47	6.22	7.21	10.54	5.47	2.77	2.25	3.56	4.04	.00	100.00
(2)	5.12	7.58	9.53	14.73	6.95	4.55	5.01	4.47	6.22	7.21	10.54	5.47	2.77	2.25	3.56	4.04	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-26— {SSES 197' (60-m) 2001-2006 Annual JFD}

(Page 1 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 5.24**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	2	4	7	7	10	5	2	7	2	3	0	0	0	1	0	0	50
(1)	.00	.08	.15	.26	.26	.38	.19	.08	.26	.08	.11	.00	.00	.00	.04	.00	.00	1.89
(2)	.00	.00	.01	.01	.01	.02	.01	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.10
1.1- 1.5	1	4	23	24	12	11	11	4	18	23	19	5	1	1	1	0	0	158
(1)	.04	.15	.87	.90	.45	.41	.41	.15	.68	.87	.72	.19	.04	.04	.04	.00	.00	5.96
(2)	.00	.01	.05	.05	.02	.02	.02	.01	.04	.05	.04	.01	.00	.00	.00	.00	.00	.31
1.6- 2.0	3	14	27	28	12	12	17	14	19	35	26	9	2	2	1	0	0	221
(1)	.11	.53	1.02	1.06	.45	.45	.64	.53	.72	1.32	.98	.34	.08	.08	.04	.00	.00	8.33
(2)	.01	.03	.05	.06	.02	.02	.03	.03	.04	.07	.05	.02	.00	.00	.00	.00	.00	.44
2.1- 3.0	7	32	49	12	11	14	20	21	27	83	120	30	1	0	5	4	0	436
(1)	.26	1.21	1.85	.45	.41	.53	.75	.79	1.02	3.13	4.52	1.13	.04	.00	.19	.15	.00	16.44
(2)	.01	.06	.10	.02	.02	.03	.04	.04	.05	.16	.24	.06	.00	.00	.01	.01	.00	.86
3.1- 4.0	21	33	37	4	3	4	16	14	24	54	157	50	11	8	6	9	0	451
(1)	.79	1.24	1.40	.15	.11	.15	.60	.53	.90	2.04	5.92	1.89	.41	.30	.23	.34	.00	17.01
(2)	.04	.07	.07	.01	.01	.01	.03	.03	.05	.11	.31	.10	.02	.02	.01	.02	.00	.89
4.1- 5.0	41	45	15	10	1	1	18	17	24	54	182	71	15	10	4	8	0	516
(1)	1.55	1.70	.57	.38	.04	.04	.68	.64	.90	2.04	6.86	2.68	.57	.38	.15	.30	.00	19.46
(2)	.08	.09	.03	.02	.00	.00	.04	.03	.05	.11	.36	.14	.03	.02	.01	.02	.00	1.02
5.1- 6.0	15	40	8	3	0	1	18	14	25	40	160	93	21	3	4	5	0	450
(1)	.57	1.51	.30	.11	.00	.04	.68	.53	.94	1.51	6.03	3.51	.79	.11	.15	.19	.00	16.97
(2)	.03	.08	.02	.01	.00	.00	.04	.03	.05	.08	.32	.18	.04	.01	.01	.01	.00	.89
6.1- 8.0	11	12	2	1	0	3	4	7	27	48	90	105	6	0	4	4	0	324

Table 2.3-26— {SSES 197' (60-m) 2001-2006 Annual JFD}

(Page 2 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 5.24**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.41	.45	.08	.04	.00	.11	.15	.26	1.02	1.81	3.39	3.96	.23	.00	.15	.15	.00	12.22
(2)	.02	.02	.00	.00	.00	.01	.01	.01	.05	.09	.18	.21	.01	.00	.01	.01	.00	.64
8.1-10.0	4	1	0	0	0	1	1	1	1	9	7	15	0	0	1	0	0	41
(1)	.15	.04	.00	.00	.00	.04	.04	.04	.04	.34	.26	.57	.00	.00	.04	.00	.00	1.55
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.03	.00	.00	.00	.00	.00	.08
10.1-40.3	0	0	0	0	0	0	0	0	1	0	1	3	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.04	.11	.00	.00	.00	.00	.00	.19
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01
ALL SPEEDS	103	183	165	89	46	57	110	94	173	348	765	381	57	24	27	30	0	2652
(1)	3.88	6.90	6.22	3.36	1.73	2.15	4.15	3.54	6.52	13.12	28.85	14.37	2.15	.90	1.02	1.13	.00	100.00
(2)	.20	.36	.33	.18	.09	.11	.22	.19	.34	.69	1.51	.75	.11	.05	.05	.06	.00	5.24

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-26— {SSES 197' (60-m) 2001-2006 Annual JFD - continued}
(Page 1 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.06**

	WIND DIRECTION FROM																	
SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	5	5	5	5	3	2	3	4	0	1	0	0	0	1	0	34
(1)	.00	.00	.32	.32	.32	.32	.19	.13	.19	.26	.00	.06	.00	.00	.00	.06	.00	2.20
(2)	.00	.00	.01	.01	.01	.01	.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.07
1.1- 1.5	3	6	10	10	8	8	5	3	6	11	4	1	0	0	1	0	0	76
(1)	.19	.39	.65	.65	.52	.52	.32	.19	.39	.71	.26	.06	.00	.00	.06	.00	.00	4.91
(2)	.01	.01	.02	.02	.02	.02	.01	.01	.01	.02	.01	.00	.00	.00	.00	.00	.00	.15
1.6- 2.0	3	15	21	11	1	9	2	2	6	13	15	0	1	0	1	2	0	102
(1)	.19	.97	1.36	.71	.06	.58	.13	.13	.39	.84	.97	.00	.06	.00	.06	.13	.00	6.59
(2)	.01	.03	.04	.02	.00	.02	.00	.00	.01	.03	.03	.00	.00	.00	.00	.00	.00	.20
2.1- 3.0	11	21	25	8	5	4	9	8	7	29	53	11	3	3	3	5	0	205
(1)	.71	1.36	1.61	.52	.32	.26	.58	.52	.45	1.87	3.42	.71	.19	.19	.19	.32	.00	13.24
(2)	.02	.04	.05	.02	.01	.01	.02	.02	.01	.06	.10	.02	.01	.01	.01	.01	.00	.40
3.1- 4.0	14	35	21	6	5	2	7	9	7	19	78	26	5	5	7	4	0	250
(1)	.90	2.26	1.36	.39	.32	.13	.45	.58	.45	1.23	5.04	1.68	.32	.32	.45	.26	.00	16.15
(2)	.03	.07	.04	.01	.01	.00	.01	.02	.01	.04	.15	.05	.01	.01	.01	.01	.00	.49
4.1- 5.0	18	29	15	1	4	2	8	7	13	16	99	48	21	15	10	17	0	323
(1)	1.16	1.87	.97	.06	.26	.13	.52	.45	.84	1.03	6.40	3.10	1.36	.97	.65	1.10	.00	20.87
(2)	.04	.06	.03	.00	.01	.00	.02	.01	.03	.03	.20	.09	.04	.03	.02	.03	.00	.64
5.1- 6.0	20	23	7	1	2	0	7	3	8	21	71	45	19	9	9	16	0	261
(1)	1.29	1.49	.45	.06	.13	.00	.45	.19	.52	1.36	4.59	2.91	1.23	.58	.58	1.03	.00	16.86
(2)	.04	.05	.01	.00	.00	.00	.01	.01	.02	.04	.14	.09	.04	.02	.02	.03	.00	.52
6.1- 8.0	12	10	2	0	2	2	4	5	5	11	59	103	15	0	7	9	0	246

Table 2.3-26— {SSES 197' (60-m) 2001-2006 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA | STABILITY CLASS B | CLASS FREQUENCY (PERCENT) = 3.06

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.78	.65	.13	.00	.13	.13	.26	.32	.32	.71	3.81	6.65	.97	.00	.45	.58	.00	15.89
(2)	.02	.02	.00	.00	.00	.00	.01	.01	.01	.02	.12	.20	.03	.00	.01	.02	.00	.49
8.1-10.0	4	2	0	0	0	0	0	0	1	7	8	17	1	0	3	0	0	43
(1)	.26	.13	.00	.00	.00	.00	.00	.00	.06	.45	.52	1.10	.06	.00	.19	.00	.00	2.78
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.03	.00	.00	.01	.00	.00	.08
10.1-40.3	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	1	0	8
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.32	.13	.00	.00	.00	.06	.00	.52
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.02
ALL SPEEDS	85	141	106	42	32	32	45	39	56	131	392	254	65	32	41	55	0	1548
(1)	5.49	9.11	6.85	2.71	2.07	2.07	2.91	2.52	3.62	8.46	25.32	16.41	4.20	2.07	2.65	3.55	.00	100.00
(2)	.17	.28	.21	.08	.06	.06	.09	.08	.11	.26	.77	.50	.13	.06	.08	.11	.00	3.06

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-26— {SSES 197' (60-m) 2001-2006 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.26**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	2	6	11	7	3	4	3	11	3	2	0	1	1	0	0	0	54
(1)	.00	.09	.28	.51	.32	.14	.19	.14	.51	.14	.09	.00	.05	.05	.00	.00	.00	2.50
(2)	.00	.00	.01	.02	.01	.01	.01	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.11
1.1- 1.5	5	8	10	15	16	6	5	7	11	22	9	1	1	1	0	2	0	119
(1)	.23	.37	.46	.70	.74	.28	.23	.32	.51	1.02	.42	.05	.05	.05	.00	.09	.00	5.52
(2)	.01	.02	.02	.03	.03	.01	.01	.01	.02	.04	.02	.00	.00	.00	.00	.00	.00	.24
1.6- 2.0	9	21	16	14	13	4	6	4	10	25	15	4	3	1	0	2	0	147
(1)	.42	.97	.74	.65	.60	.19	.28	.19	.46	1.16	.70	.19	.14	.05	.00	.09	.00	6.82
(2)	.02	.04	.03	.03	.03	.01	.01	.01	.02	.05	.03	.01	.01	.00	.00	.00	.00	.29
2.1- 3.0	13	39	30	18	2	8	9	6	16	42	80	28	5	6	4	7	0	313
(1)	.60	1.81	1.39	.83	.09	.37	.42	.28	.74	1.95	3.71	1.30	.23	.28	.19	.32	.00	14.52
(2)	.03	.08	.06	.04	.00	.02	.02	.01	.03	.08	.16	.06	.01	.01	.01	.01	.00	.62
3.1- 4.0	27	45	31	3	4	4	9	5	13	22	96	53	13	9	15	12	0	361
(1)	1.25	2.09	1.44	.14	.19	.19	.42	.23	.60	1.02	4.45	2.46	.60	.42	.70	.56	.00	16.74
(2)	.05	.09	.06	.01	.01	.01	.02	.01	.03	.04	.19	.10	.03	.02	.03	.02	.00	.71
4.1- 5.0	43	38	7	3	2	5	10	9	19	26	112	67	20	19	22	27	0	429
(1)	1.99	1.76	.32	.14	.09	.23	.46	.42	.88	1.21	5.19	3.11	.93	.88	1.02	1.25	.00	19.90
(2)	.08	.08	.01	.01	.00	.01	.02	.02	.04	.05	.22	.13	.04	.04	.04	.05	.00	.85
5.1- 6.0	30	26	2	5	1	1	10	7	14	19	47	82	26	6	13	30	0	319
(1)	1.39	1.21	.09	.23	.05	.05	.46	.32	.65	.88	2.18	3.80	1.21	.28	.60	1.39	.00	14.80
(2)	.06	.05	.00	.01	.00	.00	.02	.01	.03	.04	.09	.16	.05	.01	.03	.06	.00	.63
6.1- 8.0	19	13	3	0	0	3	2	5	14	22	54	128	30	10	17	11	0	331

Table 2.3-26— {SSES 197' (60-m) 2001-2006 Annual JFD - continued}
(Page 2 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.26**
WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.88	.60	.14	.00	.00	.14	.09	.23	.65	1.02	2.50	5.94	1.39	.46	.79	.51	.00	15.35
(2)	.04	.03	.01	.00	.00	.01	.00	.01	.03	.04	.11	.25	.06	.02	.03	.02	.00	.65
8.1-10.0	1	1	0	0	0	0	1	0	0	5	7	42	8	0	0	5	0	70
(1)	.05	.05	.00	.00	.00	.00	.05	.00	.00	.23	.32	1.95	.37	.00	.00	.23	.00	3.25
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.08	.02	.00	.00	.01	.00	.14
10.1-40.3	0	0	0	0	0	0	1	0	0	0	1	11	0	0	0	0	0	13
(1)	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.05	.51	.00	.00	.00	.00	.00	.60
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.03
ALL SPEEDS	147	193	105	69	45	34	57	46	108	186	423	416	107	53	71	96	0	2156
(1)	6.82	8.95	4.87	3.20	2.09	1.58	2.64	2.13	5.01	8.63	19.62	19.29	4.96	2.46	3.29	4.45	.00	100.00
(2)	.29	.38	.21	.14	.09	.07	.11	.09	.21	.37	.84	.82	.21	.10	.14	.19	.00	4.26

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-26— {SSES 197' (60-m) 2001-2006 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 39.44

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	3	1	2	4	1	0	1	1	0	2	0	1	0	1	0	0	17
(1)	.00	.02	.01	.01	.02	.01	.00	.01	.01	.00	.01	.00	.01	.00	.01	.00	.00	.09
(2)	.00	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
.5- 1.0	23	69	139	127	91	99	92	79	79	57	39	19	9	8	7	11	0	948
(1)	.12	.35	.70	.64	.46	.50	.46	.40	.40	.29	.20	.10	.05	.04	.04	.06	.00	4.75
(2)	.05	.14	.27	.25	.18	.20	.18	.16	.16	.11	.08	.04	.02	.02	.01	.02	.00	1.87
1.1- 1.5	51	163	192	113	68	50	73	93	123	145	136	41	10	10	9	27	0	1304
(1)	.26	.82	.96	.57	.34	.25	.37	.47	.62	.73	.68	.21	.05	.05	.05	.14	.00	6.53
(2)	.10	.32	.38	.22	.13	.10	.14	.18	.24	.29	.27	.08	.02	.02	.02	.05	.00	2.58
1.6- 2.0	64	147	144	70	69	60	58	65	90	176	238	88	21	13	13	19	0	1335
(1)	.32	.74	.72	.35	.35	.30	.29	.33	.45	.88	1.19	.44	.11	.07	.07	.10	.00	6.68
(2)	.13	.29	.28	.14	.14	.12	.11	.13	.18	.35	.47	.17	.04	.03	.03	.04	.00	2.64
2.1- 3.0	200	337	275	154	128	105	170	115	105	235	473	227	114	97	87	97	0	2919
(1)	1.00	1.69	1.38	.77	.64	.53	.85	.58	.53	1.18	2.37	1.14	.57	.49	.44	.49	.00	14.62
(2)	.40	.67	.54	.30	.25	.21	.34	.23	.21	.46	.93	.45	.23	.19	.17	.19	.00	5.77
3.1- 4.0	315	351	285	71	79	92	141	159	119	144	363	273	188	188	233	249	0	3250
(1)	1.58	1.76	1.43	.36	.40	.46	.71	.80	.60	.72	1.82	1.37	.94	.94	1.17	1.25	.00	16.27
(2)	.62	.69	.56	.14	.16	.18	.28	.31	.24	.28	.72	.54	.37	.37	.46	.49	.00	6.42
4.1- 5.0	322	348	192	54	45	82	118	120	144	139	337	394	253	225	397	409	0	3579
(1)	1.61	1.74	.96	.27	.23	.41	.59	.60	.72	.70	1.69	1.97	1.27	1.13	1.99	2.05	.00	17.92
(2)	.64	.69	.38	.11	.09	.16	.23	.24	.28	.27	.67	.78	.50	.44	.78	.81	.00	7.07
5.1- 6.0	205	250	86	21	20	42	76	68	90	139	259	477	269	218	344	320	0	2884
(1)	1.03	1.25	.43	.11	.10	.21	.38	.34	.45	.70	1.30	2.39	1.35	1.09	1.72	1.60	.00	14.44
(2)	.40	.49	.17	.04	.04	.08	.15	.13	.18	.27	.51	.94	.53	.43	.68	.63	.00	5.70
6.1- 8.0	84	123	46	9	17	30	34	54	65	116	210	843	354	243	331	236	0	2795

Table 2.3-26— {SSES 197' (60-m) 2001-2006 Annual JFD - continued}
(Page 2 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 39.44**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.42	.62	.23	.05	.09	.15	.17	.27	.33	.58	1.05	4.22	1.77	1.22	1.66	1.18	.00	14.00
(2)	.17	.24	.09	.02	.03	.06	.07	.11	.13	.23	.41	1.66	.70	.48	.65	.47	.00	5.52
8.1-10.0	3	7	4	1	3	6	11	17	20	34	37	313	143	51	36	34	0	720
(1)	.02	.04	.02	.01	.02	.03	.06	.09	.10	.17	.19	1.57	.72	.26	.18	.17	.00	3.61
(2)	.01	.01	.01	.00	.01	.01	.02	.03	.04	.07	.07	.62	.28	.10	.07	.07	.00	1.42
10.1-40.3	1	2	1	3	1	3	3	6	9	11	3	122	45	8	1	0	0	219
(1)	.01	.01	.01	.02	.01	.02	.02	.03	.05	.06	.02	.61	.23	.04	.01	.00	.00	1.10
(2)	.00	.00	.00	.01	.00	.01	.01	.01	.02	.02	.01	.24	.09	.02	.00	.00	.00	.43
ALL SPEEDS	1268	1800	1365	625	526	570	776	777	845	1196	2097	2797	1407	1061	1459	1402	0	19971
(1)	6.35	9.01	6.83	3.13	2.63	2.85	3.89	3.89	4.23	5.99	10.50	14.01	7.05	5.31	7.31	7.02	.00	100.00
(2)	2.50	3.56	2.70	1.23	1.04	1.13	1.53	1.53	1.67	2.36	4.14	5.52	2.78	2.10	2.88	2.77	.00	39.44

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-26— {SSES 197' (60-m) 2001-2006 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.82**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	4	7	4	5	6	5	3	2	1	0	0	0	0	0	0	37
(1)	.00	.00	.03	.05	.03	.03	.04	.03	.02	.01	.01	.00	.00	.00	.00	.00	.00	.25
(2)	.00	.00	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	68	165	294	214	184	178	169	141	140	108	68	31	19	3	8	25	0	1815
(1)	.47	1.13	2.01	1.47	1.26	1.22	1.16	.97	.96	.74	.47	.21	.13	.02	.05	.17	.00	12.44
(2)	.13	.33	.58	.42	.36	.35	.33	.28	.28	.21	.13	.06	.04	.01	.02	.05	.00	3.58
1.1- 1.5	105	321	393	124	118	73	121	166	162	164	151	55	28	11	13	32	0	2037
(1)	.72	2.20	2.69	.85	.81	.50	.83	1.14	1.11	1.12	1.03	.38	.19	.08	.09	.22	.00	13.96
(2)	.21	.63	.78	.24	.23	.14	.24	.33	.32	.32	.30	.11	.06	.02	.03	.06	.00	4.02
1.6- 2.0	157	474	230	100	62	43	70	69	120	157	176	91	34	15	16	21	0	1835
(1)	1.08	3.25	1.58	.69	.42	.29	.48	.47	.82	1.08	1.21	.62	.23	.10	.11	.14	.00	12.57
(2)	.31	.94	.45	.20	.12	.08	.14	.14	.24	.31	.35	.18	.07	.03	.03	.04	.00	3.62
2.1- 3.0	290	644	318	149	103	91	89	146	160	230	373	185	89	83	53	62	0	3065
(1)	1.99	4.41	2.18	1.02	.71	.62	.61	1.00	1.10	1.58	2.56	1.27	.61	.57	.36	.42	.00	21.00
(2)	.57	1.27	.63	.29	.20	.18	.18	.29	.32	.45	.74	.37	.18	.16	.10	.12	.00	6.05
3.1- 4.0	157	300	230	57	58	54	73	115	156	288	328	235	83	41	78	78	0	2331
(1)	1.08	2.06	1.58	.39	.40	.37	.50	.79	1.07	1.97	2.25	1.61	.57	.28	.53	.53	.00	15.97
(2)	.31	.59	.45	.11	.11	.11	.14	.23	.31	.57	.65	.46	.16	.08	.15	.15	.00	4.60
4.1- 5.0	78	162	130	30	24	25	44	63	105	232	286	265	40	24	85	69	0	1662
(1)	.53	1.11	.89	.21	.16	.17	.30	.43	.72	1.59	1.96	1.82	.27	.16	.58	.47	.00	11.39
(2)	.15	.32	.26	.06	.05	.05	.09	.12	.21	.46	.56	.52	.08	.05	.17	.14	.00	3.28
5.1- 6.0	22	97	68	12	3	10	20	31	56	127	136	282	15	8	46	24	0	957
(1)	.15	.66	.47	.08	.02	.07	.14	.21	.38	.87	.93	1.93	.10	.05	.32	.16	.00	6.56
(2)	.04	.19	.13	.02	.01	.02	.04	.06	.11	.25	.27	.56	.03	.02	.09	.05	.00	1.89
6.1- 8.0	6	57	29	4	13	13	15	29	63	105	53	214	21	5	14	8	0	649

Table 2.3-26— {SSES 197' (60-m) 2001-2006 Annual JFD - continued}
(Page 2 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA | STABILITY CLASS E | CLASS FREQUENCY (PERCENT) = 28.82

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.04	.39	.20	.03	.09	.09	.10	.20	.43	.72	.36	1.47	.14	.03	.10	.05	.00	4.45
(2)	.01	.11	.06	.01	.03	.03	.03	.06	.12	.21	.10	.42	.04	.01	.03	.02	.00	1.28
8.1-10.0	0	3	10	2	0	11	13	13	29	33	12	18	4	0	0	0	0	148
(1)	.00	.02	.07	.01	.00	.08	.09	.09	.20	.23	.08	.12	.03	.00	.00	.00	.00	1.01
(2)	.00	.01	.02	.00	.00	.02	.03	.03	.06	.07	.02	.04	.01	.00	.00	.00	.00	.29
10.1-40.3	0	5	3	3	2	2	5	8	13	6	3	5	1	0	0	0	0	56
(1)	.00	.03	.02	.02	.01	.01	.03	.05	.09	.04	.02	.03	.01	.00	.00	.00	.00	.38
(2)	.00	.01	.01	.01	.00	.00	.01	.02	.03	.01	.01	.01	.00	.00	.00	.00	.00	.11
ALL SPEEDS	883	2228	1710	703	571	505	625	786	1007	1452	1587	1381	334	190	313	319	0	14594
(1)	6.05	15.27	11.72	4.82	3.91	3.46	4.28	5.39	6.90	9.95	10.87	9.46	2.29	1.30	2.14	2.19	.00	100.00
(2)	1.74	4.40	3.38	1.39	1.13	1.00	1.23	1.55	1.99	2.87	3.13	2.73	.66	.38	.62	.63	.00	28.82

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-26— {SSES 197' (60-m) 2001-2006 Annual JFD - continued}
(Page 1 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 11.74**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	1	0	5	6	3	3	0	1	0	1	0	0	0	0	0	0	0	20
(1)	.02	.00	.08	.10	.05	.05	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.34
(2)	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
.5- 1.0	25	87	199	148	132	111	98	51	42	26	12	7	9	6	7	5	0	965
(1)	.42	1.46	3.35	2.49	2.22	1.87	1.65	.86	.71	.44	.20	.12	.15	.10	.12	.08	.00	16.24
(2)	.05	.17	.39	.29	.26	.22	.19	.10	.08	.05	.02	.01	.02	.01	.01	.01	.00	1.91
1.1- 1.5	73	377	355	114	84	64	77	69	97	52	34	11	6	2	5	9	0	1429
(1)	1.23	6.34	5.97	1.92	1.41	1.08	1.30	1.16	1.63	.88	.57	.19	.10	.03	.08	.15	.00	24.05
(2)	.14	.74	.70	.23	.17	.13	.15	.14	.19	.10	.07	.02	.01	.00	.01	.02	.00	2.82
1.6- 2.0	129	609	192	35	26	18	18	26	63	73	46	16	7	7	6	9	0	1280
(1)	2.17	10.25	3.23	.59	.44	.30	.30	.44	1.06	1.23	.77	.27	.12	.12	.10	.15	.00	21.54
(2)	.25	1.20	.38	.07	.05	.04	.04	.05	.12	.14	.09	.03	.01	.01	.01	.02	.00	2.53
2.1- 3.0	236	706	123	13	19	9	12	17	51	106	143	19	11	13	15	14	0	1507
(1)	3.97	11.88	2.07	.22	.32	.15	.20	.29	.86	1.78	2.41	.32	.19	.22	.25	.24	.00	25.36
(2)	.47	1.39	.24	.03	.04	.02	.02	.03	.10	.21	.28	.04	.02	.03	.03	.03	.00	2.98
3.1- 4.0	41	84	31	1	4	3	6	10	21	60	110	66	5	1	12	3	0	458
(1)	.69	1.41	.52	.02	.07	.05	.10	.17	.35	1.01	1.85	1.11	.08	.02	.20	.05	.00	7.71
(2)	.08	.17	.06	.00	.01	.01	.01	.02	.04	.12	.22	.13	.01	.00	.02	.01	.00	.90
4.1- 5.0	5	6	3	0	0	1	0	1	9	24	33	99	0	0	4	2	0	187
(1)	.08	.10	.05	.00	.00	.02	.00	.02	.15	.40	.56	1.67	.00	.00	.07	.03	.00	3.15
(2)	.01	.01	.01	.00	.00	.00	.00	.00	.02	.05	.07	.20	.00	.00	.01	.00	.00	.37
5.1- 6.0	2	0	0	0	1	0	0	0	1	6	12	50	0	0	0	1	0	73
(1)	.03	.00	.00	.00	.02	.00	.00	.00	.02	.10	.20	.84	.00	.00	.00	.02	.00	1.23
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.10	.00	.00	.00	.00	.00	.14
6.1- 8.0	1	0	0	0	0	0	0	1	1	1	1	15	0	0	1	0	0	21

Table 2.3-26— {SSES 197' (60-m) 2001-2006 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 11.74**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.02	.00	.00	.00	.00	.00	.00	.02	.02	.02	.02	.25	.00	.00	.02	.00	.00	.35
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.04
8.1-10.0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	513	1869	909	317	269	209	211	176	285	350	391	283	38	29	50	43	0	5942
(1)	8.63	31.45	15.30	5.33	4.53	3.52	3.55	2.96	4.80	5.89	6.58	4.76	.64	.49	.84	.72	.00	100.00
(2)	1.01	3.69	1.80	.63	.53	.41	.42	.35	.56	.69	.77	.56	.08	.06	.10	.08	.00	11.74

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-26— {SSES 197' (60-m) 2001-2006 Annual JFD - continued}
(Page 1 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.44**

	WIND DIRECTION FROM																	
SPEED m/s	**N**	**NNE**	**NE**	**ENE**	**E**	**ESE**	**SE**	**SSE**	**S**	**SSW**	**SW**	**WSW**	**W**	**WNW**	**NW**	**NNW**	**VRBL**	**TOTAL**
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	1	1	1	3	1	0	0	0	0	0	0	0	0	1	0	0	8
(1)	.00	.03	.03	.03	.08	.03	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.21
(2)	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	17	37	103	103	72	61	41	35	19	10	2	2	1	1	0	3	0	507
(1)	.45	.98	2.73	2.73	1.91	1.62	1.09	.93	.50	.27	.05	.05	.03	.03	.00	.08	.00	13.46
(2)	.03	.07	.20	.20	.14	.12	.08	.07	.04	.02	.00	.00	.00	.00	.00	.01	.00	1.00
1.1- 1.5	37	240	279	106	76	62	57	50	49	33	18	4	3	5	3	4	0	1026
(1)	.98	6.37	7.40	2.81	2.02	1.65	1.51	1.33	1.30	.88	.48	.11	.08	.13	.08	.11	.00	27.23
(2)	.07	.47	.55	.21	.15	.12	.11	.10	.10	.07	.04	.01	.01	.01	.01	.01	.00	2.03
1.6- 2.0	110	453	196	46	13	10	14	19	48	39	24	7	2	0	4	2	0	987
(1)	2.92	12.02	5.20	1.22	.35	.27	.37	.50	1.27	1.04	.64	.19	.05	.00	.11	.05	.00	26.19
(2)	.22	.89	.39	.09	.03	.02	.03	.04	.09	.08	.05	.01	.00	.00	.01	.00	.00	1.95
2.1- 3.0	200	372	106	13	6	12	8	11	53	82	77	13	1	3	13	9	0	979
(1)	5.31	9.87	2.81	.35	.16	.32	.21	.29	1.41	2.18	2.04	.35	.03	.08	.35	.24	.00	25.98
(2)	.40	.73	.21	.03	.01	.02	.02	.02	.10	.16	.15	.03	.00	.01	.03	.02	.00	1.93
3.1- 4.0	34	39	7	0	0	2	3	0	7	31	42	15	1	1	5	1	0	188
(1)	.90	1.04	.19	.00	.00	.05	.08	.00	.19	.82	1.11	.40	.03	.03	.13	.03	.00	4.99
(2)	.07	.08	.01	.00	.00	.00	.01	.00	.01	.06	.08	.03	.00	.00	.01	.00	.00	.37
4.1- 5.0	3	0	0	0	1	0	0	1	3	12	5	24	0	0	1	0	0	50
(1)	.08	.00	.00	.00	.03	.00	.00	.03	.08	.32	.13	.64	.00	.00	.03	.00	.00	1.33
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.05	.00	.00	.00	.00	.00	.10
5.1- 6.0	0	0	0	0	0	0	0	1	1	4	1	8	0	0	0	0	0	15
(1)	.00	.00	.00	.00	.00	.00	.00	.03	.03	.11	.03	.21	.00	.00	.00	.00	.00	.40
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.02	.00	.00	.00	.00	.00	.03
6.1- 8.0	0	0	0	0	0	0	0	0	0	1	1	6	0	0	0	0	0	8

Table 2.3-26— {SSES 197' (60-m) 2001-2006 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.44**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.03	.16	.00	.00	.00	.00	.00	.21
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	401	1142	692	269	171	148	123	117	180	212	170	79	8	10	27	19	0	3768
(1)	10.64	30.31	18.37	7.14	4.54	3.93	3.26	3.11	4.78	5.63	4.51	2.10	.21	.27	.72	.50	.00	100.00
(2)	.79	2.26	1.37	.53	.34	.29	.24	.23	.36	.42	.34	.16	.02	.02	.05	.04	.00	7.44

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-26— {SSES 197' (60-m) 2001-2006 Annual JFD - continued}

(Page 1 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.2- .4	1	4	11	16	14	10	6	7	4	3	3	0	1	0	2	0	0	82
(1)	.00	.01	.02	.03	.03	.02	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.16
(2)	.00	.01	.02	.03	.03	.02	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.16
.5- 1.0	133	362	750	615	498	467	412	313	301	210	126	60	39	19	23	45	0	4373
(1)	.26	.71	1.48	1.21	.98	.92	.81	.62	.59	.41	.25	.12	.08	.04	.05	.09	.00	8.64
(2)	.26	.71	1.48	1.21	.98	.92	.81	.62	.59	.41	.25	.12	.08	.04	.05	.09	.00	8.64
1.1- 1.5	275	1119	1262	506	382	274	349	392	466	450	371	118	49	30	32	74	0	6149
(1)	.54	2.21	2.49	1.00	.75	.54	.69	.77	.92	.89	.73	.23	.10	.06	.06	.15	.00	12.14
(2)	.54	2.21	2.49	1.00	.75	.54	.69	.77	.92	.89	.73	.23	.10	.06	.06	.15	.00	12.14
1.6- 2.0	475	1733	826	304	196	156	185	199	356	518	540	215	70	38	41	55	0	5907
(1)	.94	3.42	1.63	.60	.39	.31	.37	.39	.70	1.02	1.07	.42	.14	.08	.08	.11	.00	11.67
(2)	.94	3.42	1.63	.60	.39	.31	.37	.39	.70	1.02	1.07	.42	.14	.08	.08	.11	.00	11.67
2.1- 3.0	957	2151	926	367	274	243	317	324	419	807	1319	513	224	205	180	198	0	9424
(1)	1.89	4.25	1.83	.72	.54	.48	.63	.64	.83	1.59	2.61	1.01	.44	.40	.36	.39	.00	18.61
(2)	1.89	4.25	1.83	.72	.54	.48	.63	.64	.83	1.59	2.61	1.01	.44	.40	.36	.39	.00	18.61
3.1- 4.0	609	887	642	142	153	161	255	312	347	618	1174	718	306	253	356	356	0	7289
(1)	1.20	1.75	1.27	.28	.30	.32	.50	.62	.69	1.22	2.32	1.42	.60	.50	.70	.70	.00	14.40
(2)	1.20	1.75	1.27	.28	.30	.32	.50	.62	.69	1.22	2.32	1.42	.60	.50	.70	.70	.00	14.40
4.1- 5.0	510	628	362	98	77	116	198	218	317	503	1054	968	349	293	523	532	0	6746
(1)	1.01	1.24	.71	.19	.15	.23	.39	.43	.63	.99	2.08	1.91	.69	.58	1.03	1.05	.00	13.32
(2)	1.01	1.24	.71	.19	.15	.23	.39	.43	.63	.99	2.08	1.91	.69	.58	1.03	1.05	.00	13.32
5.1- 6.0	294	436	171	42	27	54	131	124	195	356	686	1037	350	244	416	396	0	4959
(1)	.58	.86	.34	.08	.05	.11	.26	.24	.39	.70	1.35	2.05	.69	.48	.82	.78	.00	9.79
(2)	.58	.86	.34	.08	.05	.11	.26	.24	.39	.70	1.35	2.05	.69	.48	.82	.78	.00	9.79
6.1- 8.0	133	215	82	14	32	51	59	101	175	304	468	1414	426	258	374	268	0	4374

Table 2.3-26— {SSES 197' (60-m) 2001-2006 Annual JFD - continued}

(Page 2 of 2)

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.26	.42	.16	.03	.06	.10	.12	.20	.35	.60	.92	2.79	.84	.51	.74	.53	.00	8.64
(2)	.26	.42	.16	.03	.06	.10	.12	.20	.35	.60	.92	2.79	.84	.51	.74	.53	.00	8.64
8.1-10.0	12	14	14	3	3	18	26	31	51	89	71	405	156	51	40	39	0	1023
(1)	.02	.03	.03	.01	.01	.04	.05	.06	.10	.18	.14	.80	.31	.10	.08	.08	.00	2.02
(2)	.02	.03	.03	.01	.01	.04	.05	.06	.10	.18	.14	.80	.31	.10	.08	.08	.00	2.02
10.1-40.3	1	7	4	6	3	5	9	14	23	17	13	143	46	8	1	1	0	301
(1)	.00	.01	.01	.01	.01	.01	.02	.03	.05	.03	.03	.28	.09	.02	.00	.00	.00	.59
(2)	.00	.01	.01	.01	.01	.01	.02	.03	.05	.03	.03	.28	.09	.02	.00	.00	.00	.59
ALL SPEEDS	3400	7556	5052	2114	1660	1555	1947	2035	2654	3875	5825	5591	2016	1399	1988	1964	0	50631
(1)	6.72	14.92	9.98	4.18	3.28	3.07	3.85	4.02	5.24	7.65	11.50	11.04	3.98	2.76	3.93	3.88	.00	100.00
(2)	6.72	14.92	9.98	4.18	3.28	3.07	3.85	4.02	5.24	7.65	11.50	11.04	3.98	2.76	3.93	3.88	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-27— {SSES 33' (10-m) 2001-2006 Winter JFD}

(Page 1 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 2.08**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.37
(2)	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
1.1- 1.5	0	1	0	0	1	2	2	3	3	4	4	1	0	1	0	0	0	22
(1)	.00	.37	.00	.00	.37	.74	.74	1.11	1.11	1.48	1.48	.37	.00	.37	.00	.00	.00	8.15
(2)	.00	.01	.00	.00	.01	.02	.02	.02	.02	.03	.03	.01	.00	.01	.00	.00	.00	.17
1.6- 2.0	0	0	1	0	3	1	0	2	8	11	10	0	0	0	0	1	0	37
(1)	.00	.00	.37	.00	1.11	.37	.00	.74	2.96	4.07	3.70	.00	.00	.00	.00	.37	.00	13.70
(2)	.00	.00	.01	.00	.02	.01	.00	.02	.06	.08	.08	.00	.00	.00	.00	.01	.00	.28
2.1- 3.0	0	1	6	3	0	1	4	1	7	22	29	3	2	3	0	0	0	82
(1)	.00	.37	2.22	1.11	.00	.37	1.48	.37	2.59	8.15	10.74	1.11	.74	1.11	.00	.00	.00	30.37
(2)	.00	.01	.05	.02	.00	.01	.03	.01	.05	.17	.22	.02	.02	.02	.00	.00	.00	.63
3.1- 4.0	0	1	1	0	0	0	4	1	3	12	28	3	2	0	0	0	0	55
(1)	.00	.37	.37	.00	.00	.00	1.48	.37	1.11	4.44	10.37	1.11	.74	.00	.00	.00	.00	20.37
(2)	.00	.01	.01	.00	.00	.00	.03	.01	.02	.09	.22	.02	.02	.00	.00	.00	.00	.42
4.1- 5.0	0	0	1	0	0	0	0	0	4	2	30	6	2	0	0	0	0	45
(1)	.00	.00	.37	.00	.00	.00	.00	.00	1.48	.74	11.11	2.22	.74	.00	.00	.00	.00	16.67
(2)	.00	.00	.01	.00	.00	.00	.00	.00	.03	.02	.23	.05	.02	.00	.00	.00	.00	.35
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	13	7	0	0	1	0	0	21
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.81	2.59	.00	.00	.37	.00	.00	7.78
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.05	.00	.00	.01	.00	.00	.16
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	7

Table 2.3-27— {SSES 33' (10-m) 2001-2006 Winter JFD}

(Page 2 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 2.08**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.85	.74	.00	.00	.00	.00	.00	2.59
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.02	.00	.00	.00	.00	.00	.05
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	3	9	3	5	4	10	7	25	51	119	22	6	4	1	1	0	270
(1)	.00	1.11	3.33	1.11	1.85	1.48	3.70	2.59	9.26	18.89	44.07	8.15	2.22	1.48	.37	.37	.00	100.00
(2)	.00	.02	.07	.02	.04	.03	.08	.05	.19	.39	.92	.17	.05	.03	.01	.01	.00	2.08

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-27— {SSES 33' (10-m) 2001-2006 Winter JFD - continued}
(Page 1 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 1.82**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	1	0	0	0	1	1	0	0	2	1	0	1	0	0	1	0	0	8
(1)	.42	.00	.00	.00	.42	.42	.00	.00	.85	.42	.00	.42	.00	.00	.42	.00	.00	3.39
(2)	.01	.00	.00	.00	.01	.01	.00	.00	.02	.01	.00	.01	.00	.00	.01	.00	.00	.06
1.1- 1.5	0	0	0	0	2	0	0	3	3	4	0	1	0	0	0	0	0	13
(1)	.00	.00	.00	.00	.85	.00	.00	1.27	1.27	1.69	.00	.42	.00	.00	.00	.00	.00	5.51
(2)	.00	.00	.00	.00	.02	.00	.00	.02	.02	.03	.00	.01	.00	.00	.00	.00	.00	.10
1.6- 2.0	0	1	3	1	1	1	1	2	2	7	5	0	0	1	0	1	0	26
(1)	.00	.42	1.27	.42	.42	.42	.42	.85	.85	2.97	2.12	.00	.00	.42	.00	.42	.00	11.02
(2)	.00	.01	.02	.01	.01	.01	.01	.02	.02	.05	.04	.00	.00	.01	.00	.01	.00	.20
2.1- 3.0	0	2	8	0	2	0	0	2	2	9	11	5	2	0	1	1	0	45
(1)	.00	.85	3.39	.00	.85	.00	.00	.85	.85	3.81	4.66	2.12	.85	.00	.42	.42	.00	19.07
(2)	.00	.02	.06	.00	.02	.00	.00	.02	.02	.07	.08	.04	.02	.00	.01	.01	.00	.35
3.1- 4.0	4	8	7	0	0	0	0	0	4	6	19	6	1	3	0	2	0	60
(1)	1.69	3.39	2.97	.00	.00	.00	.00	.00	1.69	2.54	8.05	2.54	.42	1.27	.00	.85	.00	25.42
(2)	.03	.06	.05	.00	.00	.00	.00	.00	.03	.05	.15	.05	.01	.02	.00	.02	.00	.46
4.1- 5.0	2	4	1	0	0	0	0	0	0	3	29	8	2	2	0	1	0	52
(1)	.85	1.69	.42	.00	.00	.00	.00	.00	.00	1.27	12.29	3.39	.85	.85	.00	.42	.00	22.03
(2)	.02	.03	.01	.00	.00	.00	.00	.00	.00	.02	.22	.06	.02	.02	.00	.01	.00	.40
5.1- 6.0	0	1	0	0	0	0	0	0	0	1	17	8	1	0	1	0	0	29
(1)	.00	.42	.00	.00	.00	.00	.00	.00	.00	.42	7.20	3.39	.42	.00	.42	.00	.00	12.29
(2)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01	.13	.06	.01	.00	.01	.00	.00	.22
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3

Table 2.3-27— {SSES 33' (10-m) 2001-2006 Winter JFD - continued}

(Page 2 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 1.82**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.42	.85	.00	.00	.00	.00	.00	1.27
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	7	16	19	1	6	2	1	7	13	31	82	31	6	6	3	5	0	236
(1)	2.97	6.78	8.05	.42	2.54	.85	.42	2.97	5.51	13.14	34.75	13.14	2.54	2.54	1.27	2.12	.00	100.00
(2)	.05	.12	.15	.01	.05	.02	.01	.05	.10	.24	.63	.24	.05	.05	.02	.04	.00	1.82

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-27— {SSES 33' (10-m) 2001-2006 Winter JFD - continued}

(Page 1 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 2.85**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	4	4	3	3	3	0	1	0	0	0	0	0	0	18
(1)	.00	.00	.00	.00	1.08	1.08	.81	.81	.81	.00	.27	.00	.00	.00	.00	.00	.00	4.86
(2)	.00	.00	.00	.00	.03	.03	.02	.02	.02	.00	.01	.00	.00	.00	.00	.00	.00	.14
1.1- 1.5	0	1	1	0	5	7	1	1	7	5	2	1	1	0	0	0	0	32
(1)	.00	.27	.27	.00	1.35	1.89	.27	.27	1.89	1.35	.54	.27	.27	.00	.00	.00	.00	8.65
(2)	.00	.01	.01	.00	.04	.05	.01	.01	.05	.04	.02	.01	.01	.00	.00	.00	.00	.25
1.6- 2.0	0	1	6	2	2	1	1	4	4	8	7	1	1	1	0	1	0	40
(1)	.00	.27	1.62	.54	.54	.27	.27	1.08	1.08	2.16	1.89	.27	.27	.27	.00	.27	.00	10.81
(2)	.00	.01	.05	.02	.02	.01	.01	.03	.03	.06	.05	.01	.01	.01	.00	.01	.00	.31
2.1- 3.0	3	10	7	4	0	0	2	1	8	8	20	7	1	1	2	0	0	74
(1)	.81	2.70	1.89	1.08	.00	.00	.54	.27	2.16	2.16	5.41	1.89	.27	.27	.54	.00	.00	20.00
(2)	.02	.08	.05	.03	.00	.00	.02	.01	.06	.06	.15	.05	.01	.01	.02	.00	.00	.57
3.1- 4.0	9	4	2	0	0	0	2	0	3	10	18	9	1	3	1	3	0	65
(1)	2.43	1.08	.54	.00	.00	.00	.54	.00	.81	2.70	4.86	2.43	.27	.81	.27	.81	.00	17.57
(2)	.07	.03	.02	.00	.00	.00	.02	.00	.02	.08	.14	.07	.01	.02	.01	.02	.00	.50
4.1- 5.0	8	1	3	0	0	0	0	0	2	4	38	14	3	5	4	8	0	90
(1)	2.16	.27	.81	.00	.00	.00	.00	.00	.54	1.08	10.27	3.78	.81	1.35	1.08	2.16	.00	24.32
(2)	.06	.01	.02	.00	.00	.00	.00	.00	.02	.03	.29	.11	.02	.04	.03	.06	.00	.69
5.1- 6.0	0	0	0	0	0	0	0	0	1	0	15	11	7	0	1	5	0	40
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.27	.00	4.05	2.97	1.89	.00	.27	1.35	.00	10.81
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.12	.08	.05	.00	.01	.04	.00	.31
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	4	3	4	0	0	0	0	11

Table 2.3-27— {SSES 33' (10-m) 2001-2006 Winter JFD - continued}

(Page 2 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 2.85**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.08	.81	1.08	.00	.00	.00	.00	2.97
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.02	.03	.00	.00	.00	.00	.08
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	20	17	19	6	11	12	9	9	28	35	105	46	18	10	8	17	0	370
(1)	5.41	4.59	5.14	1.62	2.97	3.24	2.43	2.43	7.57	9.46	28.38	12.43	4.86	2.70	2.16	4.59	.00	100.00
(2)	.15	.13	.15	.05	.08	.09	.07	.07	.22	.27	.81	.35	.14	.08	.06	.13	.00	2.85

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-27— {SSES 33' (10-m) 2001-2006 Winter JFD - continued}

(Page 1 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 47.66**

	WIND DIRECTION FROM																	
SPEED m/s	**N**	**NNE**	**NE**	**ENE**	**E**	**ESE**	**SE**	**SSE**	**S**	**SSW**	**SW**	**WSW**	**W**	**WNW**	**NW**	**NNW**	**VRBL**	**TOTAL**
LT .2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.2- .4	0	0	3	4	8	1	0	2	2	1	1	0	0	1	1	0	0	24
(1)	.00	.00	.05	.06	.13	.02	.00	.03	.03	.02	.02	.00	.00	.02	.02	.00	.00	.39
(2)	.00	.00	.02	.03	.06	.01	.00	.02	.02	.01	.01	.00	.00	.01	.01	.00	.00	.18
.5- 1.0	10	32	34	49	67	60	45	30	33	21	9	11	2	1	10	10	0	424
(1)	.16	.52	.55	.79	1.08	.97	.73	.48	.53	.34	.15	.18	.03	.02	.16	.16	.00	6.85
(2)	.08	.25	.26	.38	.52	.46	.35	.23	.25	.16	.07	.08	.02	.01	.08	.08	.00	3.27
1.1- 1.5	26	64	61	50	35	49	73	51	63	58	44	20	15	10	11	7	0	637
(1)	.42	1.03	.99	.81	.57	.79	1.18	.82	1.02	.94	.71	.32	.24	.16	.18	.11	.00	10.29
(2)	.20	.49	.47	.39	.27	.38	.56	.39	.49	.45	.34	.15	.12	.08	.08	.05	.00	4.91
1.6- 2.0	35	53	68	37	15	23	39	41	47	74	44	26	28	20	19	22	0	591
(1)	.57	.86	1.10	.60	.24	.37	.63	.66	.76	1.20	.71	.42	.45	.32	.31	.36	.00	9.55
(2)	.27	.41	.52	.28	.12	.18	.30	.32	.36	.57	.34	.20	.22	.15	.15	.17	.00	4.55
2.1- 3.0	144	111	111	21	14	18	49	49	87	148	142	73	70	54	78	104	0	1273
(1)	2.33	1.79	1.79	.34	.23	.29	.79	.79	1.41	2.39	2.29	1.18	1.13	.87	1.26	1.68	.00	20.57
(2)	1.11	.85	.85	.16	.11	.14	.38	.38	.67	1.14	1.09	.56	.54	.42	.60	.80	.00	9.80
3.1- 4.0	139	60	43	14	6	6	15	17	26	66	264	121	96	73	147	196	0	1289
(1)	2.25	.97	.69	.23	.10	.10	.24	.27	.42	1.07	4.27	1.96	1.55	1.18	2.38	3.17	.00	20.83
(2)	1.07	.46	.33	.11	.05	.05	.12	.13	.20	.51	2.03	.93	.74	.56	1.13	1.51	.00	9.93
4.1- 5.0	59	17	4	1	2	1	2	3	8	13	201	166	105	82	152	208	0	1024
(1)	.95	.27	.06	.02	.03	.02	.03	.05	.13	.21	3.25	2.68	1.70	1.33	2.46	3.36	.00	16.55
(2)	.45	.13	.03	.01	.02	.01	.02	.02	.06	.10	1.55	1.28	.81	.63	1.17	1.60	.00	7.89
5.1- 6.0	15	0	0	0	0	1	2	0	2	4	101	124	52	44	142	109	0	596
(1)	.24	.00	.00	.00	.00	.02	.03	.00	.03	.06	1.63	2.00	.84	.71	2.29	1.76	.00	9.63
(2)	.12	.00	.00	.00	.00	.01	.02	.00	.02	.03	.78	.96	.40	.34	1.09	.84	.00	4.59
6.1- 8.0	2	0	0	0	0	2	1	0	1	0	50	94	33	18	51	51	0	303

Table 2.3-27— {SSES 33' (10-m) 2001-2006 Winter JFD - continued}

(Page 2 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 47.66**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.03	.00	.00	.00	.00	.03	.02	.00	.02	.00	.81	1.52	.53	.29	.82	.82	.00	4.90
(2)	.02	.00	.00	.00	.00	.02	.01	.00	.01	.00	.39	.72	.25	.14	.39	.39	.00	2.33
8.1-10.0	0	0	0	0	0	0	1	0	2	0	2	13	4	1	0	1	0	24
(1)	.00	.00	.00	.00	.00	.00	.02	.00	.03	.00	.03	.21	.06	.02	.00	.02	.00	.39
(2)	.00	.00	.00	.00	.00	.00	.01	.00	.02	.00	.02	.10	.03	.01	.00	.01	.00	.18
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.03
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.02
ALL SPEEDS	430	338	324	176	147	161	227	193	271	385	858	649	406	304	611	708	0	6188
(1)	6.95	5.46	5.24	2.84	2.38	2.60	3.67	3.12	4.38	6.22	13.87	10.49	6.56	4.91	9.87	11.44	.00	100.00
(2)	3.31	2.60	2.50	1.36	1.13	1.24	1.75	1.49	2.09	2.97	6.61	5.00	3.13	2.34	4.71	5.45	.00	47.66

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-27— {SSES 33' (10-m) 2001-2006 Winter JFD - continued}

(Page 1 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.55**

	WIND DIRECTION FROM																	
SPEED m/s	**N**	**NNE**	**NE**	**ENE**	**E**	**ESE**	**SE**	**SSE**	**S**	**SSW**	**SW**	**WSW**	**W**	**WNW**	**NW**	**NNW**	**VRBL**	**TOTAL**
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	3	2	2	5	4	3	1	0	1	1	0	0	0	0	0	0	22
(1)	.00	.08	.05	.05	.13	.11	.08	.03	.00	.03	.03	.00	.00	.00	.00	.00	.00	.59
(2)	.00	.02	.02	.02	.04	.03	.02	.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.17
.5- 1.0	15	48	135	191	181	141	161	103	99	47	19	8	5	5	4	5	0	1167
(1)	.40	1.29	3.64	5.15	4.88	3.80	4.34	2.78	2.67	1.27	.51	.22	.13	.13	.11	.13	.00	31.48
(2)	.12	.37	1.04	1.47	1.39	1.09	1.24	.79	.76	.36	.15	.06	.04	.04	.03	.04	.00	8.99
1.1- 1.5	28	80	115	66	29	35	54	72	121	105	53	21	18	11	5	6	0	819
(1)	.76	2.16	3.10	1.78	.78	.94	1.46	1.94	3.26	2.83	1.43	.57	.49	.30	.13	.16	.00	22.09
(2)	.22	.62	.89	.51	.22	.27	.42	.55	.93	.81	.41	.16	.14	.08	.04	.05	.00	6.31
1.6- 2.0	50	75	51	14	9	9	12	32	60	126	57	33	10	5	13	10	0	566
(1)	1.35	2.02	1.38	.38	.24	.24	.32	.86	1.62	3.40	1.54	.89	.27	.13	.35	.27	.00	15.27
(2)	.39	.58	.39	.11	.07	.07	.09	.25	.46	.97	.44	.25	.08	.04	.10	.08	.00	4.36
2.1- 3.0	73	75	44	7	8	11	12	23	55	144	142	31	18	11	26	38	0	718
(1)	1.97	2.02	1.19	.19	.22	.30	.32	.62	1.48	3.88	3.83	.84	.49	.30	.70	1.03	.00	19.37
(2)	.56	.58	.34	.05	.06	.08	.09	.18	.42	1.11	1.09	.24	.14	.08	.20	.29	.00	5.53
3.1- 4.0	22	24	26	2	5	4	3	6	13	20	87	18	6	8	7	22	0	273
(1)	.59	.65	.70	.05	.13	.11	.08	.16	.35	.54	2.35	.49	.16	.22	.19	.59	.00	7.36
(2)	.17	.18	.20	.02	.04	.03	.02	.05	.10	.15	.67	.14	.05	.06	.05	.17	.00	2.10
4.1- 5.0	8	2	2	0	1	2	2	4	7	7	22	10	2	0	6	8	0	83
(1)	.22	.05	.05	.00	.03	.05	.05	.11	.19	.19	.59	.27	.05	.00	.16	.22	.00	2.24
(2)	.06	.02	.02	.00	.01	.02	.02	.03	.05	.05	.17	.08	.02	.00	.05	.06	.00	.64
5.1- 6.0	3	0	0	0	1	3	4	5	5	4	3	5	2	0	2	1	0	38
(1)	.08	.00	.00	.00	.03	.08	.11	.13	.13	.11	.08	.13	.05	.00	.05	.03	.00	1.03
(2)	.02	.00	.00	.00	.01	.02	.03	.04	.04	.03	.02	.04	.02	.00	.02	.01	.00	.29
6.1- 8.0	0	0	0	0	2	0	3	2	3	1	1	5	0	0	1	1	0	19

Table 2.3-27— {SSES 33' (10-m) 2001-2006 Winter JFD - continued}
(Page 2 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.55**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.05	.00	.08	.05	.08	.03	.03	.13	.00	.00	.03	.03	.00	.51
(2)	.00	.00	.00	.00	.02	.00	.02	.02	.02	.01	.01	.04	.00	.00	.01	.01	.00	.15
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.03
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.03
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01
ALL SPEEDS	199	307	375	282	241	209	254	248	363	455	385	133	61	40	64	91	0	3707
(1)	5.37	8.28	10.12	7.61	6.50	5.64	6.85	6.69	9.79	12.27	10.39	3.59	1.65	1.08	1.73	2.45	.00	100.00
(2)	1.53	2.36	2.89	2.17	1.86	1.61	1.96	1.91	2.80	3.50	2.97	1.02	.47	.31	.49	.70	.00	28.55

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-27— {SSES 33' (10-m) 2001-2006 Winter JFD - continued}
(Page 1 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 9.91**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	1	1	2	7	0	2	0	2	0	0	0	1	0	0	0	0	16
(1)	.00	.08	.08	.16	.54	.00	.16	.00	.16	.00	.00	.00	.08	.00	.00	.00	.00	1.24
(2)	.00	.01	.01	.02	.05	.00	.02	.00	.02	.00	.00	.00	.01	.00	.00	.00	.00	.12
.5- 1.0	7	19	112	281	170	96	48	55	56	10	2	1	1	1	0	1	0	860
(1)	.54	1.48	8.70	21.83	13.21	7.46	3.73	4.27	4.35	.78	.16	.08	.08	.08	.00	.08	.00	66.82
(2)	.05	.15	.86	2.16	1.31	.74	.37	.42	.43	.08	.02	.01	.01	.01	.00	.01	.00	6.62
1.1- 1.5	5	23	59	128	19	7	11	16	40	16	4	2	1	1	0	3	0	335
(1)	.39	1.79	4.58	9.95	1.48	.54	.85	1.24	3.11	1.24	.31	.16	.08	.08	.00	.23	.00	26.03
(2)	.04	.18	.45	.99	.15	.05	.08	.12	.31	.12	.03	.02	.01	.01	.00	.02	.00	2.58
1.6- 2.0	2	7	8	3	0	0	1	5	6	16	5	1	0	0	0	1	0	55
(1)	.16	.54	.62	.23	.00	.00	.08	.39	.47	1.24	.39	.08	.00	.00	.00	.08	.00	4.27
(2)	.02	.05	.06	.02	.00	.00	.01	.04	.05	.12	.04	.01	.00	.00	.00	.01	.00	.42
2.1- 3.0	1	0	0	0	0	0	0	1	1	4	6	1	1	0	1	3	0	19
(1)	.08	.00	.00	.00	.00	.00	.00	.08	.08	.31	.47	.08	.08	.00	.08	.23	.00	1.48
(2)	.01	.00	.00	.00	.00	.00	.00	.01	.01	.03	.05	.01	.01	.00	.01	.02	.00	.15
3.1- 4.0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
(1)	.08	.00	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.16
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.02
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-27— {SSES 33' (10-m) 2001-2006 Winter JFD - continued}

(Page 2 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 9.91**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	16	50	180	414	196	103	62	77	105	47	17	5	4	2	1	8	0	1287
(1)	1.24	3.89	13.99	32.17	15.23	8.00	4.82	5.98	8.16	3.65	1.32	.39	.31	.16	.08	.62	.00	100.00
(2)	.12	.39	1.39	3.19	1.51	.79	.48	.59	.81	.36	.13	.04	.03	.02	.01	.06	.00	9.91

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-27— {SSES 33' (10-m) 2001-2006 Winter JFD - continued}

(Page 1 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.13**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	.22	.22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.43
(2)	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
.5- 1.0	1	8	95	282	103	34	22	23	8	3	1	1	0	0	0	0	0	581
(1)	.11	.86	10.26	30.45	11.12	3.67	2.38	2.48	.86	.32	.11	.11	.00	.00	.00	.00	.00	62.74
(2)	.01	.06	.73	2.17	.79	.26	.17	.18	.06	.02	.01	.01	.00	.00	.00	.00	.00	4.47
1.1- 1.5	1	5	56	203	18	7	8	6	11	2	1	0	0	0	0	0	0	318
(1)	.11	.54	6.05	21.92	1.94	.76	.86	.65	1.19	.22	.11	.00	.00	.00	.00	.00	.00	34.34
(2)	.01	.04	.43	1.56	.14	.05	.06	.05	.08	.02	.01	.00	.00	.00	.00	.00	.00	2.45
1.6- 2.0	0	0	6	8	0	1	0	1	0	4	0	0	0	0	0	0	0	20
(1)	.00	.00	.65	.86	.00	.11	.00	.11	.00	.43	.00	.00	.00	.00	.00	.00	.00	2.16
(2)	.00	.00	.05	.06	.00	.01	.00	.01	.00	.03	.00	.00	.00	.00	.00	.00	.00	.15
2.1- 3.0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	3
(1)	.00	.00	.11	.00	.00	.00	.11	.00	.00	.11	.00	.00	.00	.00	.00	.00	.00	.32
(2)	.00	.00	.01	.00	.00	.00	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.02
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-27— {SSES 33' (10-m) 2001-2006 Winter JFD - continued}

(Page 2 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.13**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	2	13	158	495	123	42	31	30	19	10	2	1	0	0	0	0	0	926
(1)	.22	1.40	17.06	53.46	13.28	4.54	3.35	3.24	2.05	1.08	.22	.11	.00	.00	.00	.00	.00	100.00
(2)	.02	.10	1.22	3.81	.95	.32	.24	.23	.15	.08	.02	.01	.00	.00	.00	.00	.00	7.13

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-27— {SSES 33' (10-m) 2001-2006 Winter JFD - continued}

(Page 1 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
(2)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.2- .4	0	4	6	10	22	5	5	3	4	2	2	0	1	1	1	0	0	66
(1)	.00	.03	.05	.08	.17	.04	.04	.02	.03	.02	.02	.00	.01	.01	.01	.00	.00	.51
(2)	.00	.03	.05	.08	.17	.04	.04	.02	.03	.02	.02	.00	.01	.01	.01	.00	.00	.51
.5- 1.0	34	107	376	803	527	336	279	214	201	82	32	22	8	7	15	16	0	3059
(1)	.26	.82	2.90	6.18	4.06	2.59	2.15	1.65	1.55	.63	.25	.17	.06	.05	.12	.12	.00	23.56
(2)	.26	.82	2.90	6.18	4.06	2.59	2.15	1.65	1.55	.63	.25	.17	.06	.05	.12	.12	.00	23.56
1.1- 1.5	60	174	292	447	109	107	149	152	248	194	108	46	35	23	16	16	0	2176
(1)	.46	1.34	2.25	3.44	.84	.82	1.15	1.17	1.91	1.49	.83	.35	.27	.18	.12	.12	.00	16.76
(2)	.46	1.34	2.25	3.44	.84	.82	1.15	1.17	1.91	1.49	.83	.35	.27	.18	.12	.12	.00	16.76
1.6- 2.0	87	137	143	65	30	36	54	87	127	246	128	61	39	27	32	36	0	1335
(1)	.67	1.06	1.10	.50	.23	.28	.42	.67	.98	1.89	.99	.47	.30	.21	.25	.28	.00	10.28
(2)	.67	1.06	1.10	.50	.23	.28	.42	.67	.98	1.89	.99	.47	.30	.21	.25	.28	.00	10.28
2.1- 3.0	221	199	177	35	24	30	68	77	160	336	350	120	94	69	108	146	0	2214
(1)	1.70	1.53	1.36	.27	.18	.23	.52	.59	1.23	2.59	2.70	.92	.72	.53	.83	1.12	.00	17.05
(2)	1.70	1.53	1.36	.27	.18	.23	.52	.59	1.23	2.59	2.70	.92	.72	.53	.83	1.12	.00	17.05
3.1- 4.0	175	97	79	16	11	10	24	24	49	115	416	157	106	87	155	223	0	1744
(1)	1.35	.75	.61	.12	.08	.08	.18	.18	.38	.89	3.20	1.21	.82	.67	1.19	1.72	.00	13.43
(2)	1.35	.75	.61	.12	.08	.08	.18	.18	.38	.89	3.20	1.21	.82	.67	1.19	1.72	.00	13.43
4.1- 5.0	77	24	11	1	3	3	4	7	21	29	320	204	114	89	162	225	0	1294
(1)	.59	.18	.08	.01	.02	.02	.03	.05	.16	.22	2.46	1.57	.88	.69	1.25	1.73	.00	9.97
(2)	.59	.18	.08	.01	.02	.02	.03	.05	.16	.22	2.46	1.57	.88	.69	1.25	1.73	.00	9.97
5.1- 6.0	18	1	0	0	1	4	6	5	8	9	149	155	62	44	147	115	0	724
(1)	.14	.01	.00	.00	.01	.03	.05	.04	.06	.07	1.15	1.19	.48	.34	1.13	.89	.00	5.58
(2)	.14	.01	.00	.00	.01	.03	.05	.04	.06	.07	1.15	1.19	.48	.34	1.13	.89	.00	5.58
6.1- 8.0	2	0	0	0	2	2	4	2	4	1	61	106	37	18	52	52	0	343

Table 2.3-27— {SSES 33' (10-m) 2001-2006 Winter JFD - continued}

(Page 2 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.02	.00	.00	.00	.02	.02	.03	.02	.03	.01	.47	.82	.28	.14	.40	.40	.00	2.64
(2)	.02	.00	.00	.00	.02	.02	.03	.02	.03	.01	.47	.82	.28	.14	.40	.40	.00	2.64
8.1-10.0	0	0	0	0	0	0	1	0	2	0	2	14	4	1	0	1	0	25
(1)	.00	.00	.00	.00	.00	.00	.01	.00	.02	.00	.02	.11	.03	.01	.00	.01	.00	.19
(2)	.00	.00	.00	.00	.00	.00	.01	.00	.02	.00	.02	.11	.03	.01	.00	.01	.00	.19
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.00	.00	.02
ALL SPEEDS	674	744	1084	1377	729	533	594	571	824	1014	1568	887	501	366	688	830	0	12984
(1)	5.19	5.73	8.35	10.61	5.61	4.11	4.57	4.40	6.35	7.81	12.08	6.83	3.86	2.82	5.30	6.39	.00	100.00
(2)	5.19	5.73	8.35	10.61	5.61	4.11	4.57	4.40	6.35	7.81	12.08	6.83	3.86	2.82	5.30	6.39	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-28— {SSES 33' (10-m) 2001-2006 Spring JFD}

(Page 1 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 7.09**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.11	.00	.00	.11	.11	.00	.00	.00	.00	.00	.33
(2)	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.01	.00	.00	.00	.00	.00	.02
1.1- 1.5	1	1	4	6	7	2	3	1	7	7	7	2	1	0	1	0	0	50
(1)	.11	.11	.43	.65	.76	.22	.33	.11	.76	.76	.76	.22	.11	.00	.11	.00	.00	5.42
(2)	.01	.01	.03	.05	.05	.02	.02	.01	.05	.05	.05	.02	.01	.00	.01	.00	.00	.38
1.6- 2.0	1	2	9	7	7	11	6	10	14	11	22	3	3	1	2	0	0	109
(1)	.11	.22	.98	.76	.76	1.19	.65	1.08	1.52	1.19	2.38	.33	.33	.11	.22	.00	.00	11.81
(2)	.01	.02	.07	.05	.05	.08	.05	.08	.11	.08	.17	.02	.02	.01	.02	.00	.00	.84
2.1- 3.0	5	12	12	3	7	6	12	15	26	48	66	26	3	1	1	2	0	245
(1)	.54	1.30	1.30	.33	.76	.65	1.30	1.63	2.82	5.20	7.15	2.82	.33	.11	.11	.22	.00	26.54
(2)	.04	.09	.09	.02	.05	.05	.09	.12	.20	.37	.51	.20	.02	.01	.01	.02	.00	1.88
3.1- 4.0	16	32	14	1	1	2	10	7	35	38	64	21	5	4	4	3	0	257
(1)	1.73	3.47	1.52	.11	.11	.22	1.08	.76	3.79	4.12	6.93	2.28	.54	.43	.43	.33	.00	27.84
(2)	.12	.25	.11	.01	.01	.02	.08	.05	.27	.29	.49	.16	.04	.03	.03	.02	.00	1.97
4.1- 5.0	15	13	3	0	0	0	13	7	17	24	50	22	6	5	3	5	0	183
(1)	1.63	1.41	.33	.00	.00	.00	1.41	.76	1.84	2.60	5.42	2.38	.65	.54	.33	.54	.00	19.83
(2)	.12	.10	.02	.00	.00	.00	.10	.05	.13	.18	.38	.17	.05	.04	.02	.04	.00	1.41
5.1- 6.0	7	1	0	0	0	1	2	0	0	3	23	15	2	0	1	4	0	59
(1)	.76	.11	.00	.00	.00	.11	.22	.00	.00	.33	2.49	1.63	.22	.00	.11	.43	.00	6.39
(2)	.05	.01	.00	.00	.00	.01	.02	.00	.00	.02	.18	.12	.02	.00	.01	.03	.00	.45
6.1- 8.0	3	0	0	0	0	0	0	1	1	0	7	2	0	0	1	2	0	17

Table 2.3-28— {SSES 33' (10-m) 2001-2006 Spring JFD}

(Page 2 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 7.09**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.33	.00	.00	.00	.00	.00	.00	.11	.11	.00	.76	.22	.00	.00	.11	.22	.00	1.84
(2)	.02	.00	.00	.00	.00	.00	.00	.01	.01	.00	.05	.02	.00	.00	.01	.02	.00	.13
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	48	61	42	17	22	22	46	42	100	131	240	92	20	11	13	16	0	923
(1)	5.20	6.61	4.55	1.84	2.38	2.38	4.98	4.55	10.83	14.19	26.00	9.97	2.17	1.19	1.41	1.73	.00	100.00
(2)	.37	.47	.32	.13	.17	.17	.35	.32	.77	1.01	1.84	.71	.15	.08	.10	.12	.00	7.09

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-28— {SSES 33' (10-m) 2001-2006 Spring JFD - continued}

(Page 1 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.59**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	2	1	2	1	1	0	1	0	0	0	0	0	0	8
(1)	.00	.00	.00	.00	.43	.21	.43	.21	.21	.00	.21	.00	.00	.00	.00	.00	.00	1.71
(2)	.00	.00	.00	.00	.02	.01	.02	.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.06
1.1- 1.5	0	2	5	3	4	4	1	3	4	5	1	0	0	1	0	0	0	33
(1)	.00	.43	1.07	.64	.86	.86	.21	.64	.86	1.07	.21	.00	.00	.21	.00	.00	.00	7.07
(2)	.00	.02	.04	.02	.03	.03	.01	.02	.03	.04	.01	.00	.00	.01	.00	.00	.00	.25
1.6- 2.0	2	2	2	3	7	4	2	3	2	4	7	0	0	0	0	0	0	38
(1)	.43	.43	.43	.64	1.50	.86	.43	.64	.43	.86	1.50	.00	.00	.00	.00	.00	.00	8.14
(2)	.02	.02	.02	.02	.05	.03	.02	.02	.02	.03	.05	.00	.00	.00	.00	.00	.00	.29
2.1- 3.0	3	10	9	2	3	3	8	6	7	19	16	8	3	0	1	1	0	99
(1)	.64	2.14	1.93	.43	.64	.64	1.71	1.28	1.50	4.07	3.43	1.71	.64	.00	.21	.21	.00	21.20
(2)	.02	.08	.07	.02	.02	.02	.06	.05	.05	.15	.12	.06	.02	.00	.01	.01	.00	.76
3.1- 4.0	9	11	8	1	5	0	3	6	8	7	29	7	1	6	3	6	0	110
(1)	1.93	2.36	1.71	.21	1.07	.00	.64	1.28	1.71	1.50	6.21	1.50	.21	1.28	.64	1.28	.00	23.55
(2)	.07	.08	.06	.01	.04	.00	.02	.05	.06	.05	.22	.05	.01	.05	.02	.05	.00	.84
4.1- 5.0	12	6	1	0	2	1	3	1	0	4	28	18	5	7	7	14	0	109
(1)	2.57	1.28	.21	.00	.43	.21	.64	.21	.00	.86	6.00	3.85	1.07	1.50	1.50	3.00	.00	23.34
(2)	.09	.05	.01	.00	.02	.01	.02	.01	.00	.03	.22	.14	.04	.05	.05	.11	.00	.84
5.1- 6.0	3	3	0	0	0	0	1	0	1	1	9	15	1	1	7	7	0	49
(1)	.64	.64	.00	.00	.00	.00	.21	.00	.21	.21	1.93	3.21	.21	.21	1.50	1.50	.00	10.49
(2)	.02	.02	.00	.00	.00	.00	.01	.00	.01	.01	.07	.12	.01	.01	.05	.05	.00	.38
6.1- 8.0	3	0	0	0	0	0	0	0	0	0	6	6	0	0	3	2	0	20

Table 2.3-28— {SSES 33' (10-m) 2001-2006 Spring JFD - continued}

(Page 2 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.59**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.64	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.28	1.28	.00	.00	.64	.43	.00	4.28
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.05	.00	.00	.02	.02	.00	.15
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.21	.00	.00	.00	.00	.00	.00	.21
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	32	34	25	9	23	13	20	20	23	40	98	54	10	15	21	30	0	467
(1)	6.85	7.28	5.35	1.93	4.93	2.78	4.28	4.28	4.93	8.57	20.99	11.56	2.14	3.21	4.50	6.42	.00	100.00
(2)	.25	.26	.19	.07	.18	.10	.15	.15	.18	.31	.75	.41	.08	.12	.16	.23	.00	3.59

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-28— {SSES 33' (10-m) 2001-2006 Spring JFD - continued}

(Page 1 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.85**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	3	1	5	2	3	0	0	1	0	0	1	0	0	0	16
(1)	.00	.00	.00	.47	.16	.79	.32	.47	.00	.00	.16	.00	.00	.16	.00	.00	.00	2.53
(2)	.00	.00	.00	.02	.01	.04	.02	.02	.00	.00	.01	.00	.00	.01	.00	.00	.00	.12
1.1- 1.5	1	1	3	4	5	2	4	1	7	4	4	0	1	0	0	1	0	38
(1)	.16	.16	.47	.63	.79	.32	.63	.16	1.11	.63	.63	.00	.16	.00	.00	.16	.00	6.01
(2)	.01	.01	.02	.03	.04	.02	.03	.01	.05	.03	.03	.00	.01	.00	.00	.01	.00	.29
1.6- 2.0	2	2	3	4	6	4	2	1	5	9	7	1	1	0	0	1	0	48
(1)	.32	.32	.47	.63	.95	.63	.32	.16	.79	1.42	1.11	.16	.16	.00	.00	.16	.00	7.59
(2)	.02	.02	.02	.03	.05	.03	.02	.01	.04	.07	.05	.01	.01	.00	.00	.01	.00	.37
2.1- 3.0	8	16	16	5	6	3	8	5	10	17	32	18	3	0	0	4	0	151
(1)	1.27	2.53	2.53	.79	.95	.47	1.27	.79	1.58	2.69	5.06	2.85	.47	.00	.00	.63	.00	23.89
(2)	.06	.12	.12	.04	.05	.02	.06	.04	.08	.13	.25	.14	.02	.00	.00	.03	.00	1.16
3.1- 4.0	25	19	3	3	2	4	9	5	11	7	35	18	6	6	9	7	0	169
(1)	3.96	3.01	.47	.47	.32	.63	1.42	.79	1.74	1.11	5.54	2.85	.95	.95	1.42	1.11	.00	26.74
(2)	.19	.15	.02	.02	.02	.03	.07	.04	.08	.05	.27	.14	.05	.05	.07	.05	.00	1.30
4.1- 5.0	12	6	1	0	0	2	2	3	7	2	19	22	6	6	6	12	0	106
(1)	1.90	.95	.16	.00	.00	.32	.32	.47	1.11	.32	3.01	3.48	.95	.95	.95	1.90	.00	16.77
(2)	.09	.05	.01	.00	.00	.02	.02	.02	.05	.02	.15	.17	.05	.05	.05	.09	.00	.81
5.1- 6.0	6	2	0	0	0	0	1	0	0	0	9	18	10	2	12	11	0	71
(1)	.95	.32	.00	.00	.00	.00	.16	.00	.00	.00	1.42	2.85	1.58	.32	1.90	1.74	.00	11.23
(2)	.05	.02	.00	.00	.00	.00	.01	.00	.00	.00	.07	.14	.08	.02	.09	.08	.00	.55
6.1- 8.0	2	0	0	0	0	0	1	0	0	0	6	13	3	0	2	3	0	30

Table 2.3-28— {SSES 33' (10-m) 2001-2006 Spring JFD - continued}

(Page 2 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.85**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.32	.00	.00	.00	.00	.00	.16	.00	.00	.00	.95	2.06	.47	.00	.32	.47	.00	4.75
(2)	.02	.00	.00	.00	.00	.00	.01	.00	.00	.00	.05	.10	.02	.00	.02	.02	.00	.23
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16	.32	.00	.00	.00	.00	.00	.47
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.00	.00	.00	.00	.00	.02
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	56	46	26	19	20	20	29	18	40	39	114	92	30	15	29	39	0	632
(1)	8.86	7.28	4.11	3.01	3.16	3.16	4.59	2.85	6.33	6.17	18.04	14.56	4.75	2.37	4.59	6.17	.00	100.00
(2)	.43	.35	.20	.15	.15	.15	.22	.14	.31	.30	.88	.71	.23	.12	.22	.30	.00	4.85

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-28— {SSES 33' (10-m) 2001-2006 Spring JFD - continued}
(Page 1 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 42.13**

	WIND DIRECTION FROM																	
SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	1	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	5
(1)	.02	.00	.02	.02	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
(2)	.01	.00	.01	.01	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
.2- .4	0	0	0	2	0	1	2	1	0	0	0	0	0	0	0	0	0	6
(1)	.00	.00	.00	.04	.00	.02	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11
(2)	.00	.00	.00	.02	.00	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
.5- 1.0	6	16	34	30	53	50	37	21	29	9	5	3	3	3	3	2	0	304
(1)	.11	.29	.62	.55	.97	.91	.67	.38	.53	.16	.09	.05	.05	.05	.05	.04	.00	5.54
(2)	.05	.12	.26	.23	.41	.38	.28	.16	.22	.07	.04	.02	.02	.02	.02	.02	.00	2.33
1.1- 1.5	21	63	60	42	47	26	40	37	50	53	41	19	11	8	9	13	0	540
(1)	.38	1.15	1.09	.77	.86	.47	.73	.67	.91	.97	.75	.35	.20	.15	.16	.24	.00	9.84
(2)	.16	.48	.46	.32	.36	.20	.31	.28	.38	.41	.31	.15	.08	.06	.07	.10	.00	4.15
1.6- 2.0	37	72	83	44	44	44	47	34	38	56	57	26	30	9	18	11	0	650
(1)	.67	1.31	1.51	.80	.80	.80	.86	.62	.69	1.02	1.04	.47	.55	.16	.33	.20	.00	11.85
(2)	.28	.55	.64	.34	.34	.34	.36	.26	.29	.43	.44	.20	.23	.07	.14	.08	.00	4.99
2.1- 3.0	135	196	145	55	52	71	84	71	67	93	156	70	54	80	88	81	0	1498
(1)	2.46	3.57	2.64	1.00	.95	1.29	1.53	1.29	1.22	1.70	2.84	1.28	.98	1.46	1.60	1.48	.00	27.31
(2)	1.04	1.51	1.11	.42	.40	.55	.65	.55	.51	.71	1.20	.54	.41	.61	.68	.62	.00	11.50
3.1- 4.0	170	118	55	19	21	32	55	54	47	37	108	81	57	97	119	125	0	1195
(1)	3.10	2.15	1.00	.35	.38	.58	1.00	.98	.86	.67	1.97	1.48	1.04	1.77	2.17	2.28	.00	21.78
(2)	1.31	.91	.42	.15	.16	.25	.42	.41	.36	.28	.83	.62	.44	.74	.91	.96	.00	9.18
4.1- 5.0	90	36	10	4	9	16	10	11	22	11	69	80	68	67	132	104	0	739
(1)	1.64	.66	.18	.07	.16	.29	.18	.20	.40	.20	1.26	1.46	1.24	1.22	2.41	1.90	.00	13.47
(2)	.69	.28	.08	.03	.07	.12	.08	.08	.17	.08	.53	.61	.52	.51	1.01	.80	.00	5.68
5.1- 6.0	17	8	4	1	4	5	1	3	2	1	33	62	57	65	67	40	0	370
(1)	.31	.15	.07	.02	.07	.09	.02	.05	.04	.02	.60	1.13	1.04	1.18	1.22	.73	.00	6.74
(2)	.13	.06	.03	.01	.03	.04	.01	.02	.02	.01	.25	.48	.44	.50	.51	.31	.00	2.84
6.1- 8.0	3	1	1	0	0	1	2	0	1	2	10	42	47	26	19	13	0	168

Table 2.3-28— {SSES 33' (10-m) 2001-2006 Spring JFD - continued}

(Page 2 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 42.13**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.05	.02	.02	.00	.00	.02	.04	.00	.02	.04	.18	.77	.86	.47	.35	.24	.00	3.06
(2)	.02	.01	.01	.00	.00	.01	.02	.00	.01	.02	.08	.32	.36	.20	.15	.10	.00	1.29
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	5	4	0	0	1	0	11
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.09	.07	.00	.00	.02	.00	.20
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.04	.03	.00	.00	.01	.00	.08
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	480	510	393	198	232	246	278	232	256	262	480	388	331	355	455	390	0	5486
(1)	8.75	9.30	7.16	3.61	4.23	4.48	5.07	4.23	4.67	4.78	8.75	7.07	6.03	6.47	8.29	7.11	.00	100.00
(2)	3.69	3.92	3.02	1.52	1.78	1.89	2.14	1.78	1.97	2.01	3.69	2.98	2.54	2.73	3.49	3.00	.00	42.13

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-28— {SSES 33' (10-m) 2001-2006 Spring JFD - continued}

(Page 1 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 24.88**

	WIND DIRECTION FROM																	
SPEED m/s	**N**	**NNE**	**NE**	**ENE**	**E**	**ESE**	**SE**	**SSE**	**S**	**SSW**	**SW**	**WSW**	**W**	**WNW**	**NW**	**NNW**	**VRBL**	**TOTAL**
LT .2	0	0	3	3	2	1	0	0	0	1	0	0	0	0	0	0	0	10
(1)	.00	.00	.09	.09	.06	.03	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.31
(2)	.00	.00	.02	.02	.02	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.08
.2- .4	0	1	4	1	2	2	1	2	2	2	0	0	0	0	0	1	0	18
(1)	.00	.03	.12	.03	.06	.06	.03	.06	.06	.06	.00	.00	.00	.00	.00	.03	.00	.56
(2)	.00	.01	.03	.01	.02	.02	.01	.02	.02	.02	.00	.00	.00	.00	.00	.01	.00	.14
.5- 1.0	23	60	128	200	156	113	97	78	65	58	27	8	5	3	4	7	0	1032
(1)	.71	1.85	3.95	6.17	4.82	3.49	2.99	2.41	2.01	1.79	.83	.25	.15	.09	.12	.22	.00	31.86
(2)	.18	.46	.98	1.54	1.20	.87	.74	.60	.50	.45	.21	.06	.04	.02	.03	.05	.00	7.93
1.1- 1.5	38	106	114	73	34	26	46	45	81	89	47	20	15	4	7	15	0	760
(1)	1.17	3.27	3.52	2.25	1.05	.80	1.42	1.39	2.50	2.75	1.45	.62	.46	.12	.22	.46	.00	23.46
(2)	.29	.81	.88	.56	.26	.20	.35	.35	.62	.68	.36	.15	.12	.03	.05	.12	.00	5.84
1.6- 2.0	44	95	67	22	12	11	12	38	36	72	50	21	15	12	10	9	0	526
(1)	1.36	2.93	2.07	.68	.37	.34	.37	1.17	1.11	2.22	1.54	.65	.46	.37	.31	.28	.00	16.24
(2)	.34	.73	.51	.17	.09	.08	.09	.29	.28	.55	.38	.16	.12	.09	.08	.07	.00	4.04
2.1- 3.0	58	85	77	14	21	19	20	20	52	53	65	30	19	6	18	33	0	590
(1)	1.79	2.62	2.38	.43	.65	.59	.62	.62	1.61	1.64	2.01	.93	.59	.19	.56	1.02	.00	18.22
(2)	.45	.65	.59	.11	.16	.15	.15	.15	.40	.41	.50	.23	.15	.05	.14	.25	.00	4.53
3.1- 4.0	26	32	19	7	4	6	2	5	23	24	34	12	4	4	10	14	0	226
(1)	.80	.99	.59	.22	.12	.19	.06	.15	.71	.74	1.05	.37	.12	.12	.31	.43	.00	6.98
(2)	.20	.25	.15	.05	.03	.05	.02	.04	.18	.18	.26	.09	.03	.03	.08	.11	.00	1.74
4.1- 5.0	4	4	1	0	4	1	1	1	5	10	12	4	3	2	2	2	0	56
(1)	.12	.12	.03	.00	.12	.03	.03	.03	.15	.31	.37	.12	.09	.06	.06	.06	.00	1.73
(2)	.03	.03	.01	.00	.03	.01	.01	.01	.04	.08	.09	.03	.02	.02	.02	.02	.00	.43
5.1- 6.0	1	0	0	0	0	0	0	0	2	0	6	0	0	4	0	1	0	14
(1)	.03	.00	.00	.00	.00	.00	.00	.00	.06	.00	.19	.00	.00	.12	.00	.03	.00	.43
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.02	.00	.05	.00	.00	.03	.00	.01	.00	.11
6.1- 8.0	0	0	0	0	0	0	1	0	3	0	2	0	0	0	0	0	0	6

Table 2.3-28— {SSES 33' (10-m) 2001-2006 Spring JFD - continued}

(Page 2 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 24.88**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.03	.00	.09	.00	.06	.00	.00	.00	.00	.00	.00	.19
(2)	.00	.00	.00	.00	.00	.00	.01	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.05
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.03
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	194	383	413	320	235	179	180	189	269	309	244	95	61	35	51	82	0	3239
(1)	5.99	11.82	12.75	9.88	7.26	5.53	5.56	5.84	8.31	9.54	7.53	2.93	1.88	1.08	1.57	2.53	.00	100.00
(2)	1.49	2.94	3.17	2.46	1.80	1.37	1.38	1.45	2.07	2.37	1.87	.73	.47	.27	.39	.63	.00	24.88

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-28— {SSES 33' (10-m) 2001-2006 Spring JFD - continued}
(Page 1 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 9.46**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.08	.08	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24
(2)	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	0	2	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	5
(1)	.00	.16	.00	.08	.08	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.41
(2)	.00	.02	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
.5- 1.0	4	25	115	311	166	71	49	31	30	16	10	2	3	1	3	0	0	837
(1)	.32	2.03	9.33	25.24	13.47	5.76	3.98	2.52	2.44	1.30	.81	.16	.24	.08	.24	.00	.00	67.94
(2)	.03	.19	.88	2.39	1.27	.55	.38	.24	.23	.12	.08	.02	.02	.01	.02	.00	.00	6.43
1.1- 1.5	6	17	77	116	11	4	5	14	16	13	15	3	1	0	1	0	0	299
(1)	.49	1.38	6.25	9.42	.89	.32	.41	1.14	1.30	1.06	1.22	.24	.08	.00	.08	.00	.00	24.27
(2)	.05	.13	.59	.89	.08	.03	.04	.11	.12	.10	.12	.02	.01	.00	.01	.00	.00	2.30
1.6- 2.0	3	10	13	10	1	1	0	3	4	8	6	3	0	0	2	0	0	64
(1)	.24	.81	1.06	.81	.08	.08	.00	.24	.32	.65	.49	.24	.00	.00	.16	.00	.00	5.19
(2)	.02	.08	.10	.08	.01	.01	.00	.02	.03	.06	.05	.02	.00	.00	.02	.00	.00	.49
2.1- 3.0	3	3	1	0	0	0	0	0	2	0	8	2	1	1	0	0	0	21
(1)	.24	.24	.08	.00	.00	.00	.00	.00	.16	.00	.65	.16	.08	.08	.00	.00	.00	1.70
(2)	.02	.02	.01	.00	.00	.00	.00	.00	.02	.00	.06	.02	.01	.01	.00	.00	.00	.16
3.1- 4.0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.08	.08	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24
(2)	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-28— {SSES 33' (10-m) 2001-2006 Spring JFD - continued}

(Page 2 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 9.46**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	17	58	208	439	180	77	54	48	52	37	39	10	5	2	6	0	0	1232
(1)	1.38	4.71	16.88	35.63	14.61	6.25	4.38	3.90	4.22	3.00	3.17	.81	.41	.16	.49	.00	.00	100.00
(2)	.13	.45	1.60	3.37	1.38	.59	.41	.37	.40	.28	.30	.08	.04	.02	.05	.00	.00	9.46

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-28— {SSES 33' (10-m) 2001-2006 Spring JFD - continued}

(Page 1 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 8.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10
(2)	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.2- .4	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.10	.10	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.29
(2)	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	2	12	128	326	96	30	19	14	5	3	0	0	0	0	0	0	0	635
(1)	.19	1.15	12.28	31.29	9.21	2.88	1.82	1.34	.48	.29	.00	.00	.00	.00	.00	.00	.00	60.94
(2)	.02	.09	.98	2.50	.74	.23	.15	.11	.04	.02	.00	.00	.00	.00	.00	.00	.00	4.88
1.1- 1.5	1	4	86	245	7	5	0	1	5	2	0	0	0	0	0	1	0	357
(1)	.10	.38	8.25	23.51	.67	.48	.00	.10	.48	.19	.00	.00	.00	.00	.00	.10	.00	34.26
(2)	.01	.03	.66	1.88	.05	.04	.00	.01	.04	.02	.00	.00	.00	.00	.00	.01	.00	2.74
1.6- 2.0	0	3	11	26	0	0	0	0	0	0	1	0	0	0	0	0	0	41
(1)	.00	.29	1.06	2.50	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00	3.93
(2)	.00	.02	.08	.20	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.31
2.1- 3.0	0	2	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	5
(1)	.00	.19	.10	.10	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.48
(2)	.00	.02	.01	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-28— {SSES 33' (10-m) 2001-2006 Spring JFD - continued}

(Page 2 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 8.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	3	21	226	599	104	36	21	15	10	5	1	0	0	0	0	1	0	1042
(1)	.29	2.02	21.69	57.49	9.98	3.45	2.02	1.44	.96	.48	.10	.00	.00	.00	.00	.10	.00	100.00
(2)	.02	.16	1.74	4.60	.80	.28	.16	.12	.08	.04	.01	.00	.00	.00	.00	.01	.00	8.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-28— {SSES 33' (10-m) 2001-2006 Spring JFD - continued}

(Page 1 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS ALL — CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	1	0	5	6	5	1	0	0	0	1	0	0	0	0	0	0	0	19
(1)	.01	.00	.04	.05	.04	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.15
(2)	.01	.00	.04	.05	.04	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.15
.2- .4	0	3	4	4	4	5	4	3	2	2	0	0	0	0	0	1	0	32
(1)	.00	.02	.03	.03	.03	.04	.03	.02	.02	.02	.00	.00	.00	.00	.00	.01	.00	.25
(2)	.00	.02	.03	.03	.03	.04	.03	.02	.02	.02	.00	.00	.00	.00	.00	.01	.00	.25
.5- 1.0	35	113	405	870	474	270	206	149	130	86	45	14	11	8	10	9	0	2835
(1)	.27	.87	3.11	6.68	3.64	2.07	1.58	1.14	1.00	.66	.35	.11	.08	.06	.08	.07	.00	21.77
(2)	.27	.87	3.11	6.68	3.64	2.07	1.58	1.14	1.00	.66	.35	.11	.08	.06	.08	.07	.00	21.77
1.1- 1.5	68	194	349	489	115	69	99	102	170	173	115	44	29	13	18	30	0	2077
(1)	.52	1.49	2.68	3.76	.88	.53	.76	.78	1.31	1.33	.88	.34	.22	.10	.14	.23	.00	15.95
(2)	.52	1.49	2.68	3.76	.88	.53	.76	.78	1.31	1.33	.88	.34	.22	.10	.14	.23	.00	15.95
1.6- 2.0	89	186	188	116	77	75	69	89	99	160	150	54	49	22	32	21	0	1476
(1)	.68	1.43	1.44	.89	.59	.58	.53	.68	.76	1.23	1.15	.41	.38	.17	.25	.16	.00	11.34
(2)	.68	1.43	1.44	.89	.59	.58	.53	.68	.76	1.23	1.15	.41	.38	.17	.25	.16	.00	11.34
2.1- 3.0	212	324	261	80	89	102	133	117	164	230	343	154	83	88	108	121	0	2609
(1)	1.63	2.49	2.00	.61	.68	.78	1.02	.90	1.26	1.77	2.63	1.18	.64	.68	.83	.93	.00	20.04
(2)	1.63	2.49	2.00	.61	.68	.78	1.02	.90	1.26	1.77	2.63	1.18	.64	.68	.83	.93	.00	20.04
3.1- 4.0	247	213	100	31	33	44	79	77	124	113	270	139	73	117	145	155	0	1960
(1)	1.90	1.64	.77	.24	.25	.34	.61	.59	.95	.87	2.07	1.07	.56	.90	1.11	1.19	.00	15.05
(2)	1.90	1.64	.77	.24	.25	.34	.61	.59	.95	.87	2.07	1.07	.56	.90	1.11	1.19	.00	15.05
4.1- 5.0	133	65	16	4	15	20	29	23	51	51	178	146	88	87	150	137	0	1193
(1)	1.02	.50	.12	.03	.12	.15	.22	.18	.39	.39	1.37	1.12	.68	.67	1.15	1.05	.00	9.16
(2)	1.02	.50	.12	.03	.12	.15	.22	.18	.39	.39	1.37	1.12	.68	.67	1.15	1.05	.00	9.16
5.1- 6.0	34	14	4	1	4	6	5	3	5	5	80	110	70	72	87	63	0	563
(1)	.26	.11	.03	.01	.03	.05	.04	.02	.04	.04	.61	.84	.54	.55	.67	.48	.00	4.32
(2)	.26	.11	.03	.01	.03	.05	.04	.02	.04	.04	.61	.84	.54	.55	.67	.48	.00	4.32
6.1- 8.0	11	1	1	0	0	1	4	1	5	2	31	63	50	26	25	20	0	241

Table 2.3-28— {SSES 33' (10-m) 2001-2006 Spring JFD - continued}

(Page 2 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.08	.01	.01	.00	.00	.01	.03	.01	.04	.02	.24	.48	.38	.20	.19	.15	.00	1.85
(2)	.08	.01	.01	.00	.00	.01	.03	.01	.04	.02	.24	.48	.38	.20	.19	.15	.00	1.85
8.1-10.0	0	0	0	0	0	0	0	0	0	0	4	7	4	0	0	1	0	16
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.05	.03	.00	.00	.01	.00	.12
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.05	.03	.00	.00	.01	.00	.12
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	830	1113	1333	1601	816	593	628	564	750	823	1216	731	457	433	575	558	0	13021
(1)	6.37	8.55	10.24	12.30	6.27	4.55	4.82	4.33	5.76	6.32	9.34	5.61	3.51	3.33	4.42	4.29	.00	100.00
(2)	6.37	8.55	10.24	12.30	6.27	4.55	4.82	4.33	5.76	6.32	9.34	5.61	3.51	3.33	4.42	4.29	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-29— {SSES 33' (10-m) 2001-2006 Summer JFD}

(Page 1 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 10.27**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	1	1	7	6	10	6	4	0	0	0	0	0	0	0	0	35
(1)	.00	.00	.07	.07	.51	.44	.74	.44	.29	.00	.00	.00	.00	.00	.00	.00	.00	2.57
(2)	.00	.00	.01	.01	.05	.05	.08	.05	.03	.00	.00	.00	.00	.00	.00	.00	.00	.26
1.1- 1.5	1	5	22	26	20	19	11	15	21	20	15	5	3	1	0	2	0	186
(1)	.07	.37	1.62	1.91	1.47	1.40	.81	1.10	1.54	1.47	1.10	.37	.22	.07	.00	.15	.00	13.68
(2)	.01	.04	.17	.20	.15	.14	.08	.11	.16	.15	.11	.04	.02	.01	.00	.02	.00	1.40
1.6- 2.0	3	10	9	15	15	8	13	14	14	34	31	10	1	1	1	3	0	182
(1)	.22	.74	.66	1.10	1.10	.59	.96	1.03	1.03	2.50	2.28	.74	.07	.07	.07	.22	.00	13.38
(2)	.02	.08	.07	.11	.11	.06	.10	.11	.11	.26	.23	.08	.01	.01	.01	.02	.00	1.37
2.1- 3.0	15	29	33	8	3	2	20	10	30	82	172	22	4	6	2	10	0	448
(1)	1.10	2.13	2.43	.59	.22	.15	1.47	.74	2.21	6.03	12.65	1.62	.29	.44	.15	.74	.00	32.94
(2)	.11	.22	.25	.06	.02	.02	.15	.08	.23	.62	1.30	.17	.03	.05	.02	.08	.00	3.38
3.1- 4.0	32	27	1	0	0	1	4	2	6	41	172	48	15	7	6	7	0	369
(1)	2.35	1.99	.07	.00	.00	.07	.29	.15	.44	3.01	12.65	3.53	1.10	.51	.44	.51	.00	27.13
(2)	.24	.20	.01	.00	.00	.01	.03	.02	.05	.31	1.30	.36	.11	.05	.05	.05	.00	2.79
4.1- 5.0	4	4	0	0	0	1	1	0	0	0	43	54	7	0	2	4	0	120
(1)	.29	.29	.00	.00	.00	.07	.07	.00	.00	.00	3.16	3.97	.51	.00	.15	.29	.00	8.82
(2)	.03	.03	.00	.00	.00	.01	.01	.00	.00	.00	.32	.41	.05	.00	.02	.03	.00	.91
5.1- 6.0	2	1	0	0	0	0	0	0	0	0	3	10	1	0	1	1	0	19
(1)	.15	.07	.00	.00	.00	.00	.00	.00	.00	.00	.22	.74	.07	.00	.07	.07	.00	1.40
(2)	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.02	.08	.01	.00	.01	.01	.00	.14
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1

Table 2.3-29— {SSES 33' (10-m) 2001-2006 Summer JFD}

(Page 2 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 10.27**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	57	76	66	50	45	37	59	47	75	177	436	150	31	15	12	27	0	1360
(1)	4.19	5.59	4.85	3.68	3.31	2.72	4.34	3.46	5.51	13.01	32.06	11.03	2.28	1.10	.88	1.99	.00	100.00
(2)	.43	.57	.50	.38	.34	.28	.45	.35	.57	1.34	3.29	1.13	.23	.11	.09	.20	.00	10.27

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-29— {SSES 33' (10-m) 2001-2006 Summer JFD - continued}
(Page 1 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 4.32**

	WIND DIRECTION FROM																	
SPEED m/s	**N**	**NNE**	**NE**	**ENE**	**E**	**ESE**	**SE**	**SSE**	**S**	**SSW**	**SW**	**WSW**	**W**	**WNW**	**NW**	**NNW**	**VRBL**	**TOTAL**
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	1	0	1	2	6	8	1	2	1	0	0	0	0	0	0	0	0	22
(1)	.17	.00	.17	.35	1.05	1.40	.17	.35	.17	.00	.00	.00	.00	.00	.00	.00	.00	3.85
(2)	.01	.00	.01	.02	.05	.06	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.17
1.1- 1.5	4	0	8	15	7	4	8	3	7	3	5	1	0	0	0	0	0	65
(1)	.70	.00	1.40	2.62	1.22	.70	1.40	.52	1.22	.52	.87	.17	.00	.00	.00	.00	.00	11.36
(2)	.03	.00	.06	.11	.05	.03	.06	.02	.05	.02	.04	.01	.00	.00	.00	.00	.00	.49
1.6- 2.0	6	10	6	7	3	2	5	5	3	11	8	3	0	0	0	4	0	73
(1)	1.05	1.75	1.05	1.22	.52	.35	.87	.87	.52	1.92	1.40	.52	.00	.00	.00	.70	.00	12.76
(2)	.05	.08	.05	.05	.02	.02	.04	.04	.02	.08	.06	.02	.00	.00	.00	.03	.00	.55
2.1- 3.0	6	30	18	4	2	0	6	2	8	28	55	9	4	1	4	2	0	179
(1)	1.05	5.24	3.15	.70	.35	.00	1.05	.35	1.40	4.90	9.62	1.57	.70	.17	.70	.35	.00	31.29
(2)	.05	.23	.14	.03	.02	.00	.05	.02	.06	.21	.42	.07	.03	.01	.03	.02	.00	1.35
3.1- 4.0	16	6	2	0	0	1	1	0	0	10	76	23	13	6	4	10	0	168
(1)	2.80	1.05	.35	.00	.00	.17	.17	.00	.00	1.75	13.29	4.02	2.27	1.05	.70	1.75	.00	29.37
(2)	.12	.05	.02	.00	.00	.01	.01	.00	.00	.08	.57	.17	.10	.05	.03	.08	.00	1.27
4.1- 5.0	5	3	0	0	0	0	0	0	0	0	19	11	8	0	2	4	0	52
(1)	.87	.52	.00	.00	.00	.00	.00	.00	.00	.00	3.32	1.92	1.40	.00	.35	.70	.00	9.09
(2)	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.14	.08	.06	.00	.02	.03	.00	.39
5.1- 6.0	3	0	0	0	0	0	0	0	0	0	2	6	0	0	0	1	0	12
(1)	.52	.00	.00	.00	.00	.00	.00	.00	.00	.00	.35	1.05	.00	.00	.00	.17	.00	2.10
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.00	.00	.00	.01	.00	.09
6.1- 8.0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Table 2.3-29— {SSES 33' (10-m) 2001-2006 Summer JFD - continued}

(Page 2 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA | **STABILITY CLASS B** | **CLASS FREQUENCY (PERCENT) = 4.32**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.17
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	42	49	35	28	18	15	21	12	19	52	165	53	25	7	10	21	0	572
(1)	7.34	8.57	6.12	4.90	3.15	2.62	3.67	2.10	3.32	9.09	28.85	9.27	4.37	1.22	1.75	3.67	.00	100.00
(2)	.32	.37	.26	.21	.14	.11	.16	.09	.14	.39	1.25	.40	.19	.05	.08	.16	.00	4.32

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-29— {SSES 33' (10-m) 2001-2006 Summer JFD - continued}

(Page 1 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA   STABILITY CLASS C   CLASS FREQUENCY (PERCENT) = 5.43

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	2	4	1	8	9	7	3	5	3	0	0	0	0	0	0	0	42
(1)	.00	.28	.56	.14	1.11	1.25	.97	.42	.70	.42	.00	.00	.00	.00	.00	.00	.00	5.84
(2)	.00	.02	.03	.01	.06	.07	.05	.02	.04	.02	.00	.00	.00	.00	.00	.00	.00	.32
1.1- 1.5	5	10	6	15	13	3	5	4	10	10	6	0	3	0	1	1	0	92
(1)	.70	1.39	.83	2.09	1.81	.42	.70	.56	1.39	1.39	.83	.00	.42	.00	.14	.14	.00	12.80
(2)	.04	.08	.05	.11	.10	.02	.04	.03	.08	.08	.05	.00	.02	.00	.01	.01	.00	.69
1.6- 2.0	8	10	9	9	3	5	8	5	7	9	17	6	3	3	3	1	0	106
(1)	1.11	1.39	1.25	1.25	.42	.70	1.11	.70	.97	1.25	2.36	.83	.42	.42	.42	.14	.00	14.74
(2)	.06	.08	.07	.07	.02	.04	.06	.04	.05	.07	.13	.05	.02	.02	.02	.01	.00	.80
2.1- 3.0	24	24	11	3	1	2	2	4	8	36	68	17	4	3	8	10	0	225
(1)	3.34	3.34	1.53	.42	.14	.28	.28	.56	1.11	5.01	9.46	2.36	.56	.42	1.11	1.39	.00	31.29
(2)	.18	.18	.08	.02	.01	.02	.02	.03	.06	.27	.51	.13	.03	.02	.06	.08	.00	1.70
3.1- 4.0	19	4	0	0	0	0	2	0	5	8	60	26	9	2	13	13	0	161
(1)	2.64	.56	.00	.00	.00	.00	.28	.00	.70	1.11	8.34	3.62	1.25	.28	1.81	1.81	.00	22.39
(2)	.14	.03	.00	.00	.00	.00	.02	.00	.04	.06	.45	.20	.07	.02	.10	.10	.00	1.22
4.1- 5.0	3	1	0	0	0	0	0	0	0	0	21	27	5	3	4	3	0	67
(1)	.42	.14	.00	.00	.00	.00	.00	.00	.00	.00	2.92	3.76	.70	.42	.56	.42	.00	9.32
(2)	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.16	.20	.04	.02	.03	.02	.00	.51
5.1- 6.0	2	1	0	0	0	0	0	0	0	0	5	6	0	0	5	4	0	23
(1)	.28	.14	.00	.00	.00	.00	.00	.00	.00	.00	.70	.83	.00	.00	.70	.56	.00	3.20
(2)	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.04	.05	.00	.00	.04	.03	.00	.17
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3

Table 2.3-29— {SSES 33' (10-m) 2001-2006 Summer JFD - continued}

(Page 2 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 5.43**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.42	.00	.00	.00	.00	.00	.42
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	61	52	30	28	25	19	24	16	35	66	177	85	24	11	34	32	0	719
(1)	8.48	7.23	4.17	3.89	3.48	2.64	3.34	2.23	4.87	9.18	24.62	11.82	3.34	1.53	4.73	4.45	.00	100.00
(2)	.46	.39	.23	.21	.19	.14	.18	.12	.26	.50	1.34	.64	.18	.08	.26	.24	.00	5.43

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-29— {SSES 33' (10-m) 2001-2006 Summer JFD - continued}

(Page 1 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 29.75**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	0	1	1	0	2	0	0	0	0	0	0	0	0	0	5
(1)	.00	.00	.03	.00	.03	.03	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13
(2)	.00	.00	.01	.00	.01	.01	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
.5- 1.0	6	37	76	87	107	84	78	44	49	28	23	5	4	0	3	2	0	633
(1)	.15	.94	1.93	2.21	2.72	2.13	1.98	1.12	1.24	.71	.58	.13	.10	.00	.08	.05	.00	16.06
(2)	.05	.28	.57	.66	.81	.63	.59	.33	.37	.21	.17	.04	.03	.00	.02	.02	.00	4.78
1.1- 1.5	39	82	98	76	49	41	58	47	90	108	76	29	8	7	8	8	0	824
(1)	.99	2.08	2.49	1.93	1.24	1.04	1.47	1.19	2.28	2.74	1.93	.74	.20	.18	.20	.20	.00	20.91
(2)	.29	.62	.74	.57	.37	.31	.44	.35	.68	.82	.57	.22	.06	.05	.06	.06	.00	6.22
1.6- 2.0	47	103	55	27	28	31	55	46	61	104	97	32	14	11	9	16	0	736
(1)	1.19	2.61	1.40	.69	.71	.79	1.40	1.17	1.55	2.64	2.46	.81	.36	.28	.23	.41	.00	18.68
(2)	.35	.78	.42	.20	.21	.23	.42	.35	.46	.79	.73	.24	.11	.08	.07	.12	.00	5.56
2.1- 3.0	101	106	55	14	14	34	49	55	85	143	224	72	22	25	33	69	0	1101
(1)	2.56	2.69	1.40	.36	.36	.86	1.24	1.40	2.16	3.63	5.68	1.83	.56	.63	.84	1.75	.00	27.94
(2)	.76	.80	.42	.11	.11	.26	.37	.42	.64	1.08	1.69	.54	.17	.19	.25	.52	.00	8.31
3.1- 4.0	55	34	2	0	1	4	6	1	12	15	160	59	24	13	42	50	0	478
(1)	1.40	.86	.05	.00	.03	.10	.15	.03	.30	.38	4.06	1.50	.61	.33	1.07	1.27	.00	12.13
(2)	.42	.26	.02	.00	.01	.03	.05	.01	.09	.11	1.21	.45	.18	.10	.32	.38	.00	3.61
4.1- 5.0	11	0	0	0	0	0	0	0	1	2	37	36	7	3	17	23	0	137
(1)	.28	.00	.00	.00	.00	.00	.00	.00	.03	.05	.94	.91	.18	.08	.43	.58	.00	3.48
(2)	.08	.00	.00	.00	.00	.00	.00	.00	.01	.02	.28	.27	.05	.02	.13	.17	.00	1.03
5.1- 6.0	2	0	0	0	0	0	0	0	0	0	8	14	0	0	0	1	0	25
(1)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20	.36	.00	.00	.00	.03	.00	.63
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.11	.00	.00	.00	.01	.00	.19
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2

Table 2.3-29— {SSES 33' (10-m) 2001-2006 Summer JFD - continued}
(Page 2 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 29.75**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	261	362	287	204	200	195	246	195	298	400	625	249	79	59	112	169	0	3941
(1)	6.62	9.19	7.28	5.18	5.07	4.95	6.24	4.95	7.56	10.15	15.86	6.32	2.00	1.50	2.84	4.29	.00	100.00
(2)	1.97	2.73	2.17	1.54	1.51	1.47	1.86	1.47	2.25	3.02	4.72	1.88	.60	.45	.85	1.28	.00	29.75

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-29— {SSES 33' (10-m) 2001-2006 Summer JFD - continued}

(Page 1 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 30.03**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	3	12	3	3	4	1	0	0	0	0	0	0	0	0	27
(1)	.00	.00	.03	.08	.30	.08	.08	.10	.03	.00	.00	.00	.00	.00	.00	.00	.00	.68
(2)	.00	.00	.01	.02	.09	.02	.02	.03	.01	.00	.00	.00	.00	.00	.00	.00	.00	.20
.5- 1.0	24	65	228	445	376	211	184	115	111	37	11	2	4	6	2	3	0	1824
(1)	.60	1.63	5.73	11.19	9.45	5.30	4.63	2.89	2.79	.93	.28	.05	.10	.15	.05	.08	.00	45.85
(2)	.18	.49	1.72	3.36	2.84	1.59	1.39	.87	.84	.28	.08	.02	.03	.05	.02	.02	.00	13.77
1.1- 1.5	38	143	243	181	40	34	55	70	153	147	41	17	7	4	8	4	0	1185
(1)	.96	3.59	6.11	4.55	1.01	.85	1.38	1.76	3.85	3.70	1.03	.43	.18	.10	.20	.10	.00	29.79
(2)	.29	1.08	1.83	1.37	.30	.26	.42	.53	1.16	1.11	.31	.13	.05	.03	.06	.03	.00	8.95
1.6- 2.0	52	104	47	19	7	17	18	17	57	113	51	15	3	6	4	10	0	540
(1)	1.31	2.61	1.18	.48	.18	.43	.45	.43	1.43	2.84	1.28	.38	.08	.15	.10	.25	.00	13.57
(2)	.39	.79	.35	.14	.05	.13	.14	.13	.43	.85	.39	.11	.02	.05	.03	.08	.00	4.08
2.1- 3.0	38	47	7	2	2	3	7	8	16	52	71	9	4	6	15	29	0	316
(1)	.96	1.18	.18	.05	.05	.08	.18	.20	.40	1.31	1.78	.23	.10	.15	.38	.73	.00	7.94
(2)	.29	.35	.05	.02	.02	.02	.05	.06	.12	.39	.54	.07	.03	.05	.11	.22	.00	2.39
3.1- 4.0	9	8	1	0	0	0	6	2	4	4	15	4	5	4	4	10	0	76
(1)	.23	.20	.03	.00	.00	.00	.15	.05	.10	.10	.38	.10	.13	.10	.10	.25	.00	1.91
(2)	.07	.06	.01	.00	.00	.00	.05	.02	.03	.03	.11	.03	.04	.03	.03	.08	.00	.57
4.1- 5.0	0	0	0	0	0	0	0	2	1	0	3	0	0	0	1	2	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.05	.03	.00	.08	.00	.00	.00	.03	.05	.00	.23
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.02	.00	.00	.00	.01	.02	.00	.07
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.03
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-29— {SSES 33' (10-m) 2001-2006 Summer JFD - continued}
(Page 2 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 30.03**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	161	367	527	650	437	268	273	218	343	353	193	47	23	26	34	58	0	3978
(1)	4.05	9.23	13.25	16.34	10.99	6.74	6.86	5.48	8.62	8.87	4.85	1.18	.58	.65	.85	1.46	.00	100.00
(2)	1.22	2.77	3.98	4.91	3.30	2.02	2.06	1.65	2.59	2.66	1.46	.35	.17	.20	.26	.44	.00	30.03

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-29— {SSES 33' (10-m) 2001-2006 Summer JFD - continued}

(Page 1 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 15.10

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	2	7	3	2	0	0	0	0	0	0	0	0	0	0	15
(1)	.00	.00	.05	.10	.35	.15	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.75
(2)	.00	.00	.01	.02	.05	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11
.5- 1.0	1	18	105	614	335	106	62	27	26	5	4	1	0	0	2	1	0	1307
(1)	.05	.90	5.25	30.70	16.75	5.30	3.10	1.35	1.30	.25	.20	.05	.00	.00	.10	.05	.00	65.35
(2)	.01	.14	.79	4.64	2.53	.80	.47	.20	.20	.04	.03	.01	.00	.00	.02	.01	.00	9.87
1.1- 1.5	6	26	96	391	18	4	8	11	23	27	5	0	0	1	1	2	0	619
(1)	.30	1.30	4.80	19.55	.90	.20	.40	.55	1.15	1.35	.25	.00	.00	.05	.05	.10	.00	30.95
(2)	.05	.20	.72	2.95	.14	.03	.06	.08	.17	.20	.04	.00	.00	.01	.01	.02	.00	4.67
1.6- 2.0	3	12	9	23	1	0	0	0	0	3	4	0	0	0	0	1	0	56
(1)	.15	.60	.45	1.15	.05	.00	.00	.00	.00	.15	.20	.00	.00	.00	.00	.05	.00	2.80
(2)	.02	.09	.07	.17	.01	.00	.00	.00	.00	.02	.03	.00	.00	.00	.00	.01	.00	.42
2.1- 3.0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.05
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-29— {SSES 33' (10-m) 2001-2006 Summer JFD - continued}

(Page 2 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 15.10**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	10	58	211	1030	361	113	72	38	49	35	13	1	0	1	4	4	0	2000
(1)	.50	2.90	10.55	51.50	18.05	5.65	3.60	1.90	2.45	1.75	.65	.05	.00	.05	.20	.20	.00	100.00
(2)	.08	.44	1.59	7.78	2.73	.85	.54	.29	.37	.26	.10	.01	.00	.01	.03	.03	.00	15.10

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-29— {SSES 33' (10-m) 2001-2006 Summer JFD - continued}

(Page 1 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 5.10**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.15
(2)	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.5- 1.0	0	2	61	253	70	24	8	3	3	0	0	0	0	0	1	0	0	425
(1)	.00	.30	9.02	37.43	10.36	3.55	1.18	.44	.44	.00	.00	.00	.00	.00	.15	.00	.00	62.87
(2)	.00	.02	.46	1.91	.53	.18	.06	.02	.02	.00	.00	.00	.00	.00	.01	.00	.00	3.21
1.1- 1.5	0	3	26	194	7	0	0	2	2	1	0	0	0	0	0	1	0	236
(1)	.00	.44	3.85	28.70	1.04	.00	.00	.30	.30	.15	.00	.00	.00	.00	.00	.15	.00	34.91
(2)	.00	.02	.20	1.46	.05	.00	.00	.02	.02	.01	.00	.00	.00	.00	.00	.01	.00	1.78
1.6- 2.0	1	0	0	10	0	0	0	0	0	0	2	0	0	0	0	0	0	13
(1)	.15	.00	.00	1.48	.00	.00	.00	.00	.00	.00	.30	.00	.00	.00	.00	.00	.00	1.92
(2)	.01	.00	.00	.08	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.10
2.1- 3.0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.15	.00	.00	.00	.00	.00	.00	.00	.15
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-29— {SSES 33' (10-m) 2001-2006 Summer JFD - continued}
(Page 2 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 5.10**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	1	5	87	458	77	24	8	5	5	2	2	0	0	0	1	1	0	676
(1)	.15	.74	12.87	67.75	11.39	3.55	1.18	.74	.74	.30	.30	.00	.00	.00	.15	.15	.00	100.00
(2)	.01	.04	.66	3.46	.58	.18	.06	.04	.04	.02	.02	.00	.00	.00	.01	.01	.00	5.10

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-29— {SSES 33' (10-m) 2001-2006 Summer JFD - continued}

(Page 1 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	3	6	20	7	5	6	1	0	0	0	0	0	0	0	0	48
(1)	.00	.00	.02	.05	.15	.05	.04	.05	.01	.00	.00	.00	.00	.00	.00	.00	.00	.36
(2)	.00	.00	.02	.05	.15	.05	.04	.05	.01	.00	.00	.00	.00	.00	.00	.00	.00	.36
.5- 1.0	32	124	476	1403	909	448	350	200	199	73	38	8	8	6	8	6	0	4288
(1)	.24	.94	3.59	10.59	6.86	3.38	2.64	1.51	1.50	.55	.29	.06	.06	.05	.06	.05	.00	32.37
(2)	.24	.94	3.59	10.59	6.86	3.38	2.64	1.51	1.50	.55	.29	.06	.06	.05	.06	.05	.00	32.37
1.1- 1.5	93	269	499	898	154	105	145	152	306	316	148	52	21	13	18	18	0	3207
(1)	.70	2.03	3.77	6.78	1.16	.79	1.09	1.15	2.31	2.39	1.12	.39	.16	.10	.14	.14	.00	24.21
(2)	.70	2.03	3.77	6.78	1.16	.79	1.09	1.15	2.31	2.39	1.12	.39	.16	.10	.14	.14	.00	24.21
1.6- 2.0	120	249	135	110	57	63	99	87	142	274	210	66	21	21	17	35	0	1706
(1)	.91	1.88	1.02	.83	.43	.48	.75	.66	1.07	2.07	1.59	.50	.16	.16	.13	.26	.00	12.88
(2)	.91	1.88	1.02	.83	.43	.48	.75	.66	1.07	2.07	1.59	.50	.16	.16	.13	.26	.00	12.88
2.1- 3.0	184	238	124	31	22	41	84	79	147	342	590	129	38	41	62	120	0	2272
(1)	1.39	1.80	.94	.23	.17	.31	.63	.60	1.11	2.58	4.45	.97	.29	.31	.47	.91	.00	17.15
(2)	1.39	1.80	.94	.23	.17	.31	.63	.60	1.11	2.58	4.45	.97	.29	.31	.47	.91	.00	17.15
3.1- 4.0	131	79	6	0	1	6	19	5	27	78	483	160	66	32	70	90	0	1253
(1)	.99	.60	.05	.00	.01	.05	.14	.04	.20	.59	3.65	1.21	.50	.24	.53	.68	.00	9.46
(2)	.99	.60	.05	.00	.01	.05	.14	.04	.20	.59	3.65	1.21	.50	.24	.53	.68	.00	9.46
4.1- 5.0	23	8	0	0	0	1	1	2	2	2	123	128	27	6	26	36	0	385
(1)	.17	.06	.00	.00	.00	.01	.01	.02	.02	.02	.93	.97	.20	.05	.20	.27	.00	2.91
(2)	.17	.06	.00	.00	.00	.01	.01	.02	.02	.02	.93	.97	.20	.05	.20	.27	.00	2.91
5.1- 6.0	9	2	0	0	0	0	0	0	0	0	19	36	1	0	6	7	0	80
(1)	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.14	.27	.01	.00	.05	.05	.00	.60
(2)	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.14	.27	.01	.00	.05	.05	.00	.60
6.1- 8.0	1	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	7

Table 2.3-29— {SSES 33' (10-m) 2001-2006 Summer JFD - continued}

(Page 2 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	593	969	1243	2448	1163	671	703	531	824	1085	1611	585	182	119	207	312	0	13246
(1)	4.48	7.32	9.38	18.48	8.78	5.07	5.31	4.01	6.22	8.19	12.16	4.42	1.37	.90	1.56	2.36	.00	100.00
(2)	4.48	7.32	9.38	18.48	8.78	5.07	5.31	4.01	6.22	8.19	12.16	4.42	1.37	.90	1.56	2.36	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-30— {SSES 33' (10-m) 2001-2006 Autumn JFD}
(Page 1 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 3.51**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	1	1	4	5	2	2	1	1	1	0	0	0	0	0	0	18
(1)	.00	.00	.22	.22	.89	1.11	.44	.44	.22	.22	.22	.00	.00	.00	.00	.00	.00	3.99
(2)	.00	.00	.01	.01	.03	.04	.02	.02	.01	.01	.01	.00	.00	.00	.00	.00	.00	.14
1.1- 1.5	0	5	4	4	7	12	8	5	6	4	6	7	1	0	1	2	0	72
(1)	.00	1.11	.89	.89	1.55	2.66	1.77	1.11	1.33	.89	1.33	1.55	.22	.00	.22	.44	.00	15.96
(2)	.00	.04	.03	.03	.05	.09	.06	.04	.05	.03	.05	.05	.01	.00	.01	.02	.00	.56
1.6- 2.0	2	3	8	4	4	2	3	7	11	12	11	5	0	0	0	0	0	72
(1)	.44	.67	1.77	.89	.89	.44	.67	1.55	2.44	2.66	2.44	1.11	.00	.00	.00	.00	.00	15.96
(2)	.02	.02	.06	.03	.03	.02	.02	.05	.09	.09	.09	.04	.00	.00	.00	.00	.00	.56
2.1- 3.0	3	10	9	1	1	0	8	11	18	26	46	8	1	0	5	2	0	149
(1)	.67	2.22	2.00	.22	.22	.00	1.77	2.44	3.99	5.76	10.20	1.77	.22	.00	1.11	.44	.00	33.04
(2)	.02	.08	.07	.01	.01	.00	.06	.09	.14	.20	.36	.06	.01	.00	.04	.02	.00	1.16
3.1- 4.0	9	5	6	0	0	0	3	13	8	12	35	9	2	2	0	4	0	108
(1)	2.00	1.11	1.33	.00	.00	.00	.67	2.88	1.77	2.66	7.76	2.00	.44	.44	.00	.89	.00	23.95
(2)	.07	.04	.05	.00	.00	.00	.02	.10	.06	.09	.27	.07	.02	.02	.00	.03	.00	.84
4.1- 5.0	2	0	0	0	0	0	0	0	4	4	15	6	0	0	0	0	0	31
(1)	.44	.00	.00	.00	.00	.00	.00	.00	.89	.89	3.33	1.33	.00	.00	.00	.00	.00	6.87
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.03	.03	.12	.05	.00	.00	.00	.00	.00	.24
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.22	.00	.00	.00	.00	.00	.00	.22
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-30— {SSES 33' (10-m) 2001-2006 Autumn JFD}

(Page 2 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 3.51**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	16	23	28	10	16	19	24	38	48	59	115	35	4	2	6	8	0	451
(1)	3.55	5.10	6.21	2.22	3.55	4.21	5.32	8.43	10.64	13.08	25.50	7.76	.89	.44	1.33	1.77	.00	100.00
(2)	.12	.18	.22	.08	.12	.15	.19	.30	.37	.46	.89	.27	.03	.02	.05	.06	.00	3.51

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-30— {SSES 33' (10-m) 2001-2006 Autumn JFD - continued}
(Page 1 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 2.51**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	2	0	4	1	2	0	1	1	0	0	0	1	0	0	0	12
(1)	.00	.00	.62	.00	1.24	.31	.62	.00	.31	.31	.00	.00	.00	.31	.00	.00	.00	3.72
(2)	.00	.00	.02	.00	.03	.01	.02	.00	.01	.01	.00	.00	.00	.01	.00	.00	.00	.09
1.1- 1.5	3	0	4	7	4	3	2	1	4	7	7	0	0	0	0	0	0	42
(1)	.93	.00	1.24	2.17	1.24	.93	.62	.31	1.24	2.17	2.17	.00	.00	.00	.00	.00	.00	13.00
(2)	.02	.00	.03	.05	.03	.02	.02	.01	.03	.05	.05	.00	.00	.00	.00	.00	.00	.33
1.6- 2.0	3	3	2	2	0	0	1	4	3	6	9	4	0	0	0	0	0	37
(1)	.93	.93	.62	.62	.00	.00	.31	1.24	.93	1.86	2.79	1.24	.00	.00	.00	.00	.00	11.46
(2)	.02	.02	.02	.02	.00	.00	.01	.03	.02	.05	.07	.03	.00	.00	.00	.00	.00	.29
2.1- 3.0	1	8	6	1	0	0	6	1	8	10	36	3	1	1	4	3	0	89
(1)	.31	2.48	1.86	.31	.00	.00	1.86	.31	2.48	3.10	11.15	.93	.31	.31	1.24	.93	.00	27.55
(2)	.01	.06	.05	.01	.00	.00	.05	.01	.06	.08	.28	.02	.01	.01	.03	.02	.00	.69
3.1- 4.0	4	10	3	0	0	0	5	2	2	3	24	13	7	2	3	6	0	84
(1)	1.24	3.10	.93	.00	.00	.00	1.55	.62	.62	.93	7.43	4.02	2.17	.62	.93	1.86	.00	26.01
(2)	.03	.08	.02	.00	.00	.00	.04	.02	.02	.02	.19	.10	.05	.02	.02	.05	.00	.65
4.1- 5.0	0	0	0	0	0	0	0	1	4	1	15	11	4	3	0	2	0	41
(1)	.00	.00	.00	.00	.00	.00	.00	.31	1.24	.31	4.64	3.41	1.24	.93	.00	.62	.00	12.69
(2)	.00	.00	.00	.00	.00	.00	.00	.01	.03	.01	.12	.09	.03	.02	.00	.02	.00	.32
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	9	3	0	0	0	0	0	12
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.79	.93	.00	.00	.00	.00	.00	3.72
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.02	.00	.00	.00	.00	.00	.09
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	1	0	5

Table 2.3-30— {SSES 33' (10-m) 2001-2006 Autumn JFD - continued}
(Page 2 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 2.51**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.93	.31	.00	.00	.00	.31	.00	1.55
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.00	.01	.00	.04
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.31	.00	.31
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	11	21	17	10	8	4	16	9	22	28	103	35	12	7	7	13	0	323
(1)	3.41	6.50	5.26	3.10	2.48	1.24	4.95	2.79	6.81	8.67	31.89	10.84	3.72	2.17	2.17	4.02	.00	100.00
(2)	.09	.16	.13	.08	.06	.03	.12	.07	.17	.22	.80	.27	.09	.05	.05	.10	.00	2.51

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-30— {SSES 33' (10-m) 2001-2006 Autumn JFD - continued}

(Page 1 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 3.84**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	1	1	2	3	2	1	2	0	0	0	0	0	0	0	0	12
(1)	.00	.00	.20	.20	.40	.61	.40	.20	.40	.00	.00	.00	.00	.00	.00	.00	.00	2.43
(2)	.00	.00	.01	.01	.02	.02	.02	.01	.02	.00	.00	.00	.00	.00	.00	.00	.00	.09
1.1- 1.5	1	1	4	6	4	4	3	5	3	7	7	1	3	1	0	1	0	51
(1)	.20	.20	.81	1.21	.81	.81	.61	1.01	.61	1.42	1.42	.20	.61	.20	.00	.20	.00	10.32
(2)	.01	.01	.03	.05	.03	.03	.02	.04	.02	.05	.05	.01	.02	.01	.00	.01	.00	.40
1.6- 2.0	0	9	3	6	0	4	2	5	4	8	16	6	3	1	0	0	0	67
(1)	.00	1.82	.61	1.21	.00	.81	.40	1.01	.81	1.62	3.24	1.21	.61	.20	.00	.00	.00	13.56
(2)	.00	.07	.02	.05	.00	.03	.02	.04	.03	.06	.12	.05	.02	.01	.00	.00	.00	.52
2.1- 3.0	3	20	13	1	0	1	5	5	13	12	47	13	2	4	1	2	0	142
(1)	.61	4.05	2.63	.20	.00	.20	1.01	1.01	2.63	2.43	9.51	2.63	.40	.81	.20	.40	.00	28.74
(2)	.02	.16	.10	.01	.00	.01	.04	.04	.10	.09	.37	.10	.02	.03	.01	.02	.00	1.10
3.1- 4.0	20	15	1	0	1	0	5	6	11	2	35	12	6	6	5	6	0	131
(1)	4.05	3.04	.20	.00	.20	.00	1.01	1.21	2.23	.40	7.09	2.43	1.21	1.21	1.01	1.21	.00	26.52
(2)	.16	.12	.01	.00	.01	.00	.04	.05	.09	.02	.27	.09	.05	.05	.04	.05	.00	1.02
4.1- 5.0	9	2	0	0	0	0	1	1	1	3	11	16	7	0	2	6	0	59
(1)	1.82	.40	.00	.00	.00	.00	.20	.20	.20	.61	2.23	3.24	1.42	.00	.40	1.21	.00	11.94
(2)	.07	.02	.00	.00	.00	.00	.01	.01	.01	.02	.09	.12	.05	.00	.02	.05	.00	.46
5.1- 6.0	2	0	0	0	0	0	0	0	0	0	7	9	1	0	0	1	0	20
(1)	.40	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.42	1.82	.20	.00	.00	.20	.00	4.05
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.07	.01	.00	.00	.01	.00	.16
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	4	4	0	0	1	2	0	11

Table 2.3-30— {SSES 33' (10-m) 2001-2006 Autumn JFD - continued}
(Page 2 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 3.84**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.81	.81	.00	.00	.20	.40	.00	2.23
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.03	.00	.00	.01	.02	.00	.09
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20	.00	.00	.00	.00	.00	.20
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	35	47	22	14	7	12	18	23	34	32	127	62	22	12	9	18	0	494
(1)	7.09	9.51	4.45	2.83	1.42	2.43	3.64	4.66	6.88	6.48	25.71	12.55	4.45	2.43	1.82	3.64	.00	100.00
(2)	.27	.37	.17	.11	.05	.09	.14	.18	.26	.25	.99	.48	.17	.09	.07	.14	.00	3.84

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-30— {SSES 33' (10-m) 2001-2006 Autumn JFD - continued}

(Page 1 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 35.66**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.2- .4	0	0	0	2	3	2	1	1	0	0	0	0	0	0	0	0	0	9
(1)	.00	.00	.00	.04	.07	.04	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20
(2)	.00	.00	.00	.02	.02	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	10	29	55	62	71	84	60	48	35	22	10	5	0	0	6	4	0	501
(1)	.22	.63	1.20	1.35	1.55	1.83	1.31	1.05	.76	.48	.22	.11	.00	.00	.13	.09	.00	10.92
(2)	.08	.23	.43	.48	.55	.65	.47	.37	.27	.17	.08	.04	.00	.00	.05	.03	.00	3.90
1.1- 1.5	20	82	76	48	43	33	50	44	58	66	50	28	7	10	9	5	0	629
(1)	.44	1.79	1.66	1.05	.94	.72	1.09	.96	1.26	1.44	1.09	.61	.15	.22	.20	.11	.00	13.72
(2)	.16	.64	.59	.37	.33	.26	.39	.34	.45	.51	.39	.22	.05	.08	.07	.04	.00	4.89
1.6- 2.0	40	89	76	23	21	18	49	41	56	69	66	40	17	15	8	12	0	640
(1)	.87	1.94	1.66	.50	.46	.39	1.07	.89	1.22	1.50	1.44	.87	.37	.33	.17	.26	.00	13.96
(2)	.31	.69	.59	.18	.16	.14	.38	.32	.44	.54	.51	.31	.13	.12	.06	.09	.00	4.98
2.1- 3.0	117	185	104	23	12	41	74	57	74	74	142	70	61	47	54	77	0	1212
(1)	2.55	4.03	2.27	.50	.26	.89	1.61	1.24	1.61	1.61	3.10	1.53	1.33	1.02	1.18	1.68	.00	26.43
(2)	.91	1.44	.81	.18	.09	.32	.58	.44	.58	.58	1.10	.54	.47	.37	.42	.60	.00	9.42
3.1- 4.0	96	69	11	7	1	5	39	14	22	40	95	62	43	50	100	85	0	739
(1)	2.09	1.50	.24	.15	.02	.11	.85	.31	.48	.87	2.07	1.35	.94	1.09	2.18	1.85	.00	16.11
(2)	.75	.54	.09	.05	.01	.04	.30	.11	.17	.31	.74	.48	.33	.39	.78	.66	.00	5.75
4.1- 5.0	40	7	0	1	0	0	14	13	13	7	69	56	49	44	81	60	0	454
(1)	.87	.15	.00	.02	.00	.00	.31	.28	.28	.15	1.50	1.22	1.07	.96	1.77	1.31	.00	9.90
(2)	.31	.05	.00	.01	.00	.00	.11	.10	.10	.05	.54	.44	.38	.34	.63	.47	.00	3.53
5.1- 6.0	6	0	1	1	0	0	7	9	5	1	28	51	19	17	42	32	0	219
(1)	.13	.00	.02	.02	.00	.00	.15	.20	.11	.02	.61	1.11	.41	.37	.92	.70	.00	4.78
(2)	.05	.00	.01	.01	.00	.00	.05	.07	.04	.01	.22	.40	.15	.13	.33	.25	.00	1.70
6.1- 8.0	1	0	0	2	0	0	2	8	5	0	15	54	11	22	12	8	0	140

Table 2.3-30— {SSES 33' (10-m) 2001-2006 Autumn JFD - continued}

(Page 2 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 35.66**

	WIND DIRECTION FROM																	
SPEED m/s	**N**	**NNE**	**NE**	**ENE**	**E**	**ESE**	**SE**	**SSE**	**S**	**SSW**	**SW**	**WSW**	**W**	**WNW**	**NW**	**NNW**	**VRBL**	**TOTAL**
(1)	.02	.00	.00	.04	.00	.00	.04	.17	.11	.00	.33	1.18	.24	.48	.26	.17	.00	3.05
(2)	.01	.00	.00	.02	.00	.00	.02	.06	.04	.00	.12	.42	.09	.17	.09	.06	.00	1.09
8.1-10.0	0	0	0	0	0	0	0	0	0	0	2	26	9	3	2	0	0	42
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.57	.20	.07	.04	.00	.00	.92
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.20	.07	.02	.02	.00	.00	.33
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	330	461	323	170	151	183	296	235	268	279	477	392	216	208	314	283	0	4586
(1)	7.20	10.05	7.04	3.71	3.29	3.99	6.45	5.12	5.84	6.08	10.40	8.55	4.71	4.54	6.85	6.17	.00	100.00
(2)	2.57	3.58	2.51	1.32	1.17	1.42	2.30	1.83	2.08	2.17	3.71	3.05	1.68	1.62	2.44	2.20	.00	35.66

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-30— {SSES 33' (10-m) 2001-2006 Autumn JFD - continued}

(Page 1 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 31.66**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.05	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.00	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	0	0	6	12	15	13	14	9	2	0	0	0	1	0	0	0	0	72
(1)	.00	.00	.15	.29	.37	.32	.34	.22	.05	.00	.00	.00	.02	.00	.00	.00	.00	1.77
(2)	.00	.00	.05	.09	.12	.10	.11	.07	.02	.00	.00	.00	.01	.00	.00	.00	.00	.56
.5- 1.0	24	73	171	285	252	159	142	103	94	57	17	5	6	1	3	3	0	1395
(1)	.59	1.79	4.20	7.00	6.19	3.90	3.49	2.53	2.31	1.40	.42	.12	.15	.02	.07	.07	.00	34.26
(2)	.19	.57	1.33	2.22	1.96	1.24	1.10	.80	.73	.44	.13	.04	.05	.01	.02	.02	.00	10.85
1.1- 1.5	39	146	176	137	42	23	41	75	123	97	64	15	7	3	5	9	0	1002
(1)	.96	3.59	4.32	3.36	1.03	.56	1.01	1.84	3.02	2.38	1.57	.37	.17	.07	.12	.22	.00	24.61
(2)	.30	1.14	1.37	1.07	.33	.18	.32	.58	.96	.75	.50	.12	.05	.02	.04	.07	.00	7.79
1.6- 2.0	42	107	75	22	10	11	12	36	74	111	51	38	13	7	11	13	0	633
(1)	1.03	2.63	1.84	.54	.25	.27	.29	.88	1.82	2.73	1.25	.93	.32	.17	.27	.32	.00	15.55
(2)	.33	.83	.58	.17	.08	.09	.09	.28	.58	.86	.40	.30	.10	.05	.09	.10	.00	4.92
2.1- 3.0	44	120	51	7	3	10	17	27	54	87	72	21	20	13	20	33	0	599
(1)	1.08	2.95	1.25	.17	.07	.25	.42	.66	1.33	2.14	1.77	.52	.49	.32	.49	.81	.00	14.71
(2)	.34	.93	.40	.05	.02	.08	.13	.21	.42	.68	.56	.16	.16	.10	.16	.26	.00	4.66
3.1- 4.0	10	32	11	5	3	7	8	18	22	25	37	24	2	1	5	13	0	223
(1)	.25	.79	.27	.12	.07	.17	.20	.44	.54	.61	.91	.59	.05	.02	.12	.32	.00	5.48
(2)	.08	.25	.09	.04	.02	.05	.06	.14	.17	.19	.29	.19	.02	.01	.04	.10	.00	1.73
4.1- 5.0	1	8	4	2	0	1	9	12	14	10	11	4	1	0	2	4	0	83
(1)	.02	.20	.10	.05	.00	.02	.22	.29	.34	.25	.27	.10	.02	.00	.05	.10	.00	2.04
(2)	.01	.06	.03	.02	.00	.01	.07	.09	.11	.08	.09	.03	.01	.00	.02	.03	.00	.65
5.1- 6.0	0	1	5	3	0	5	4	3	9	2	1	5	0	0	0	0	0	38
(1)	.00	.02	.12	.07	.00	.12	.10	.07	.22	.05	.02	.12	.00	.00	.00	.00	.00	.93
(2)	.00	.01	.04	.02	.00	.04	.03	.02	.07	.02	.01	.04	.00	.00	.00	.00	.00	.30
6.1- 8.0	0	3	0	2	0	2	4	6	1	0	2	3	0	0	0	0	0	23

Table 2.3-30— {SSES 33' (10-m) 2001-2006 Autumn JFD - continued}

(Page 2 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 31.66**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.07	.00	.05	.00	.05	.10	.15	.02	.00	.05	.07	.00	.00	.00	.00	.00	.56
(2)	.00	.02	.00	.02	.00	.02	.03	.05	.01	.00	.02	.02	.00	.00	.00	.00	.00	.18
8.1-10.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	160	491	499	477	326	231	251	289	393	389	255	115	50	25	46	75	0	4072
(1)	3.93	12.06	12.25	11.71	8.01	5.67	6.16	7.10	9.65	9.55	6.26	2.82	1.23	.61	1.13	1.84	.00	100.00
(2)	1.24	3.82	3.88	3.71	2.53	1.80	1.95	2.25	3.06	3.02	1.98	.89	.39	.19	.36	.58	.00	31.66

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-30— {SSES 33' (10-m) 2001-2006 Autumn JFD - continued}

(Page 1 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 13.29**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06
(2)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.2- .4	1	0	2	9	12	5	2	3	0	0	2	0	0	0	0	0	0	36
(1)	.06	.00	.12	.53	.70	.29	.12	.18	.00	.00	.12	.00	.00	.00	.00	.00	.00	2.11
(2)	.01	.00	.02	.07	.09	.04	.02	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.28
.5- 1.0	2	21	128	448	206	73	50	39	33	11	3	3	1	0	2	4	0	1024
(1)	.12	1.23	7.49	26.21	12.05	4.27	2.93	2.28	1.93	.64	.18	.18	.06	.00	.12	.23	.00	59.92
(2)	.02	.16	1.00	3.48	1.60	.57	.39	.30	.26	.09	.02	.02	.01	.00	.02	.03	.00	7.96
1.1- 1.5	7	28	92	292	37	4	5	13	32	21	6	1	0	1	1	0	0	540
(1)	.41	1.64	5.38	17.09	2.17	.23	.29	.76	1.87	1.23	.35	.06	.00	.06	.06	.00	.00	31.60
(2)	.05	.22	.72	2.27	.29	.03	.04	.10	.25	.16	.05	.01	.00	.01	.01	.00	.00	4.20
1.6- 2.0	1	17	17	39	0	0	0	3	5	10	2	1	0	0	0	1	0	96
(1)	.06	.99	.99	2.28	.00	.00	.00	.18	.29	.59	.12	.06	.00	.00	.00	.06	.00	5.62
(2)	.01	.13	.13	.30	.00	.00	.00	.02	.04	.08	.02	.01	.00	.00	.00	.01	.00	.75
2.1- 3.0	0	3	0	0	0	0	0	0	0	1	5	2	0	0	0	0	0	11
(1)	.00	.18	.00	.00	.00	.00	.00	.00	.00	.06	.29	.12	.00	.00	.00	.00	.00	.64
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.01	.04	.02	.00	.00	.00	.00	.00	.09
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.00	.06
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-30— {SSES 33' (10-m) 2001-2006 Autumn JFD - continued}
(Page 2 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA | **STABILITY CLASS F** | **CLASS FREQUENCY (PERCENT) = 13.29**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	11	70	239	788	255	82	57	58	70	43	18	7	1	1	3	6	0	1709
(1)	.64	4.10	13.98	46.11	14.92	4.80	3.34	3.39	4.10	2.52	1.05	.41	.06	.06	.18	.35	.00	100.00
(2)	.09	.54	1.86	6.13	1.98	.64	.44	.45	.54	.33	.14	.05	.01	.01	.02	.05	.00	13.29

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-30— {SSES 33' (10-m) 2001-2006 Autumn JFD - continued}

(Page 1 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 9.54**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.2- .4	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.08	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16
(2)	.01	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	5	10	114	420	134	41	22	8	8	2	3	0	0	0	1	2	0	770
(1)	.41	.81	9.29	34.23	10.92	3.34	1.79	.65	.65	.16	.24	.00	.00	.00	.08	.16	.00	62.75
(2)	.04	.08	.89	3.27	1.04	.32	.17	.06	.06	.02	.02	.00	.00	.00	.01	.02	.00	5.99
1.1- 1.5	0	2	57	335	14	1	1	1	3	2	1	0	0	0	0	0	0	417
(1)	.00	.16	4.65	27.30	1.14	.08	.08	.08	.24	.16	.08	.00	.00	.00	.00	.00	.00	33.99
(2)	.00	.02	.44	2.60	.11	.01	.01	.01	.02	.02	.01	.00	.00	.00	.00	.00	.00	3.24
1.6- 2.0	1	1	7	27	1	0	0	0	0	0	0	0	0	0	0	0	0	37
(1)	.08	.08	.57	2.20	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.02
(2)	.01	.01	.05	.21	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.29
2.1- 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-30— {SSES 33' (10-m) 2001-2006 Autumn JFD - continued}

(Page 2 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 9.54**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	8	13	178	782	149	43	23	9	11	4	4	0	0	0	1	2	0	1227
(1)	.65	1.06	14.51	63.73	12.14	3.50	1.87	.73	.90	.33	.33	.00	.00	.00	.08	.16	.00	100.00
(2)	.06	.10	1.38	6.08	1.16	.33	.18	.07	.09	.03	.03	.00	.00	.00	.01	.02	.00	9.54

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-30— {SSES 33' (10-m) 2001-2006 Autumn JFD - continued}

(Page 1 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS ALL — CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	1	1	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	6
(1)	.01	.01	.00	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
(2)	.01	.01	.00	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
.2- .4	2	0	8	23	30	21	17	13	2	0	2	0	1	0	0	0	0	119
(1)	.02	.00	.06	.18	.23	.16	.13	.10	.02	.00	.02	.00	.01	.00	.00	.00	.00	.93
(2)	.02	.00	.06	.18	.23	.16	.13	.10	.02	.00	.02	.00	.01	.00	.00	.00	.00	.93
.5- 1.0	41	133	472	1217	673	366	280	201	174	94	34	13	7	2	12	13	0	3732
(1)	.32	1.03	3.67	9.46	5.23	2.85	2.18	1.56	1.35	.73	.26	.10	.05	.02	.09	.10	.00	29.02
(2)	.32	1.03	3.67	9.46	5.23	2.85	2.18	1.56	1.35	.73	.26	.10	.05	.02	.09	.10	.00	29.02
1.1- 1.5	70	264	413	829	151	80	110	144	229	204	141	52	18	15	16	17	0	2753
(1)	.54	2.05	3.21	6.45	1.17	.62	.86	1.12	1.78	1.59	1.10	.40	.14	.12	.12	.13	.00	21.40
(2)	.54	2.05	3.21	6.45	1.17	.62	.86	1.12	1.78	1.59	1.10	.40	.14	.12	.12	.13	.00	21.40
1.6- 2.0	89	229	188	123	36	35	67	96	153	216	155	94	33	23	19	26	0	1582
(1)	.69	1.78	1.46	.96	.28	.27	.52	.75	1.19	1.68	1.21	.73	.26	.18	.15	.20	.00	12.30
(2)	.69	1.78	1.46	.96	.28	.27	.52	.75	1.19	1.68	1.21	.73	.26	.18	.15	.20	.00	12.30
2.1- 3.0	168	346	183	33	16	52	110	101	167	210	348	117	85	65	84	117	0	2202
(1)	1.31	2.69	1.42	.26	.12	.40	.86	.79	1.30	1.63	2.71	.91	.66	.51	.65	.91	.00	17.12
(2)	1.31	2.69	1.42	.26	.12	.40	.86	.79	1.30	1.63	2.71	.91	.66	.51	.65	.91	.00	17.12
3.1- 4.0	139	131	32	12	5	12	60	53	65	82	226	120	60	61	113	115	0	1286
(1)	1.08	1.02	.25	.09	.04	.09	.47	.41	.51	.64	1.76	.93	.47	.47	.88	.89	.00	10.00
(2)	1.08	1.02	.25	.09	.04	.09	.47	.41	.51	.64	1.76	.93	.47	.47	.88	.89	.00	10.00
4.1- 5.0	52	17	4	3	0	1	24	27	36	25	121	93	61	47	85	72	0	668
(1)	.40	.13	.03	.02	.00	.01	.19	.21	.28	.19	.94	.72	.47	.37	.66	.56	.00	5.19
(2)	.40	.13	.03	.02	.00	.01	.19	.21	.28	.19	.94	.72	.47	.37	.66	.56	.00	5.19
5.1- 6.0	8	1	6	4	0	5	11	12	14	3	46	68	20	17	42	33	0	290
(1)	.06	.01	.05	.03	.00	.04	.09	.09	.11	.02	.36	.53	.16	.13	.33	.26	.00	2.25
(2)	.06	.01	.05	.03	.00	.04	.09	.09	.11	.02	.36	.53	.16	.13	.33	.26	.00	2.25
6.1- 8.0	1	3	0	4	0	2	6	14	6	0	24	62	11	22	13	11	0	179

Table 2.3-30— {SSES 33' (10-m) 2001-2006 Autumn JFD - continued}

(Page 2 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.01	.02	.00	.03	.00	.02	.05	.11	.05	.00	.19	.48	.09	.17	.10	.09	.00	1.39
(2)	.01	.02	.00	.03	.00	.02	.05	.11	.05	.00	.19	.48	.09	.17	.10	.09	.00	1.39
8.1-10.0	0	1	0	0	0	0	0	0	0	0	2	27	9	3	2	1	0	45
(1)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.02	.21	.07	.02	.02	.01	.00	.35
(2)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.02	.21	.07	.02	.02	.01	.00	.35
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	571	1126	1306	2251	912	574	685	661	846	834	1099	646	305	255	386	405	0	12862
(1)	4.44	8.75	10.15	17.50	7.09	4.46	5.33	5.14	6.58	6.48	8.54	5.02	2.37	1.98	3.00	3.15	.00	100.00
(2)	4.44	8.75	10.15	17.50	7.09	4.46	5.33	5.14	6.58	6.48	8.54	5.02	2.37	1.98	3.00	3.15	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-31— {SSES 197' (60-m) 2001-2006 Winter JFD}

(Page 1 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 2.08**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.37
(2)	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
1.1- 1.5	0	0	1	2	1	0	1	1	2	1	1	2	0	0	0	0	0	12
(1)	.00	.00	.37	.74	.37	.00	.37	.37	.74	.37	.37	.74	.00	.00	.00	.00	.00	4.44
(2)	.00	.00	.01	.02	.01	.00	.01	.01	.02	.01	.01	.02	.00	.00	.00	.00	.00	.09
1.6- 2.0	0	0	2	0	1	0	1	0	2	13	6	0	0	0	0	0	0	25
(1)	.00	.00	.74	.00	.37	.00	.37	.00	.74	4.81	2.22	.00	.00	.00	.00	.00	.00	9.26
(2)	.00	.00	.02	.00	.01	.00	.01	.00	.02	.10	.05	.00	.00	.00	.00	.00	.00	.19
2.1- 3.0	0	1	3	0	0	2	1	2	4	15	18	2	0	0	0	0	0	48
(1)	.00	.37	1.11	.00	.00	.74	.37	.74	1.48	5.56	6.67	.74	.00	.00	.00	.00	.00	17.78
(2)	.00	.01	.02	.00	.00	.02	.01	.02	.03	.12	.14	.02	.00	.00	.00	.00	.00	.37
3.1- 4.0	0	0	4	1	0	0	0	1	0	8	23	3	3	0	0	0	0	43
(1)	.00	.00	1.48	.37	.00	.00	.00	.37	.00	2.96	8.52	1.11	1.11	.00	.00	.00	.00	15.93
(2)	.00	.00	.03	.01	.00	.00	.00	.01	.00	.06	.18	.02	.02	.00	.00	.00	.00	.33
4.1- 5.0	0	0	1	0	0	0	3	2	0	4	15	5	0	0	0	0	0	30
(1)	.00	.00	.37	.00	.00	.00	1.11	.74	.00	1.48	5.56	1.85	.00	.00	.00	.00	.00	11.11
(2)	.00	.00	.01	.00	.00	.00	.02	.02	.00	.03	.12	.04	.00	.00	.00	.00	.00	.23
5.1- 6.0	0	1	0	0	0	0	0	1	1	3	27	9	4	1	0	0	0	47
(1)	.00	.37	.00	.00	.00	.00	.00	.37	.37	1.11	10.00	3.33	1.48	.37	.00	.00	.00	17.41
(2)	.00	.01	.00	.00	.00	.00	.00	.01	.01	.02	.21	.07	.03	.01	.00	.00	.00	.36
6.1- 8.0	0	2	0	0	0	0	0	0	3	4	19	24	2	0	0	0	0	54

Table 2.3-31— {SSES 197' (60-m) 2001-2006 Winter JFD}

(Page 2 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 2.08**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.74	.00	.00	.00	.00	.00	.00	1.11	1.48	7.04	8.89	.74	.00	.00	.00	.00	20.00
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.02	.03	.15	.18	.02	.00	.00	.00	.00	.42
8.1-10.0	0	0	0	0	0	0	0	0	0	1	0	9	0	0	0	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.37	.00	3.33	.00	.00	.00	.00	.00	3.70
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.07	.00	.00	.00	.00	.00	.08
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	4	11	3	2	3	6	7	12	49	109	54	9	1	0	0	0	270
(1)	.00	1.48	4.07	1.11	.74	1.11	2.22	2.59	4.44	18.15	40.37	20.00	3.33	.37	.00	.00	.00	100.00
(2)	.00	.03	.08	.02	.02	.02	.05	.05	.09	.38	.84	.42	.07	.01	.00	.00	.00	2.08

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-31— {SSES 197' (60-m) 2001-2006 Winter JFD - continued}

(Page 1 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 1.82

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	1	0	5
(1)	.00	.00	.00	.00	.42	.42	.00	.00	.42	.42	.00	.00	.00	.00	.00	.42	.00	2.12
(2)	.00	.00	.00	.00	.01	.01	.00	.00	.01	.01	.00	.00	.00	.00	.00	.01	.00	.04
1.1- 1.5	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	8
(1)	.00	.00	.42	.42	.42	.00	.42	.42	.42	.42	.42	.00	.00	.00	.00	.00	.00	3.39
(2)	.00	.00	.01	.01	.01	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.06
1.6- 2.0	0	0	2	0	0	1	1	1	1	4	4	0	0	0	0	0	0	14
(1)	.00	.00	.85	.00	.00	.42	.42	.42	.42	1.69	1.69	.00	.00	.00	.00	.00	.00	5.93
(2)	.00	.00	.02	.00	.00	.01	.01	.01	.01	.03	.03	.00	.00	.00	.00	.00	.00	.11
2.1- 3.0	0	1	4	0	1	0	1	0	0	5	13	4	0	1	1	1	0	32
(1)	.00	.42	1.69	.00	.42	.00	.42	.00	.00	2.12	5.51	1.69	.00	.42	.42	.42	.00	13.56
(2)	.00	.01	.03	.00	.01	.00	.01	.00	.00	.04	.10	.03	.00	.01	.01	.01	.00	.25
3.1- 4.0	1	2	4	0	1	0	0	1	1	1	8	2	1	0	1	0	0	23
(1)	.42	.85	1.69	.00	.42	.00	.00	.42	.42	.42	3.39	.85	.42	.00	.42	.00	.00	9.75
(2)	.01	.02	.03	.00	.01	.00	.00	.01	.01	.01	.06	.02	.01	.00	.01	.00	.00	.18
4.1- 5.0	4	1	5	0	0	0	0	0	0	0	16	6	3	0	2	0	0	37
(1)	1.69	.42	2.12	.00	.00	.00	.00	.00	.00	.00	6.78	2.54	1.27	.00	.85	.00	.00	15.68
(2)	.03	.01	.04	.00	.00	.00	.00	.00	.00	.00	.12	.05	.02	.00	.02	.00	.00	.28
5.1- 6.0	2	11	3	0	0	0	0	0	1	3	15	9	5	1	0	0	0	50
(1)	.85	4.66	1.27	.00	.00	.00	.00	.00	.42	1.27	6.36	3.81	2.12	.42	.00	.00	.00	21.19
(2)	.02	.08	.02	.00	.00	.00	.00	.00	.01	.02	.12	.07	.04	.01	.00	.00	.00	.39
6.1- 8.0	0	2	1	0	0	0	0	0	0	3	18	34	1	0	0	0	0	59

Table 2.3-31— {SSES 197' (60-m) 2001-2006 Winter JFD - continued}

(Page 2 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 1.82**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.85	.42	.00	.00	.00	.00	.00	.00	1.27	7.63	14.41	.42	.00	.00	.00	.00	25.00
(2)	.00	.02	.01	.00	.00	.00	.00	.00	.00	.02	.14	.26	.01	.00	.00	.00	.00	.45
8.1-10.0	0	0	0	0	0	0	0	0	0	2	1	4	1	0	0	0	0	8
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.85	.42	1.69	.42	.00	.00	.00	.00	3.39
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.03	.01	.00	.00	.00	.00	.06
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	7	17	20	1	4	2	3	3	5	20	76	59	11	2	4	2	0	236
(1)	2.97	7.20	8.47	.42	1.69	.85	1.27	1.27	2.12	8.47	32.20	25.00	4.66	.85	1.69	.85	.00	100.00
(2)	.05	.13	.15	.01	.03	.02	.02	.02	.04	.15	.59	.45	.08	.02	.03	.02	.00	1.82

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-31— {SSES 197' (60-m) 2001-2006 Winter JFD - continued}
(Page 1 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA | STABILITY CLASS C | CLASS FREQUENCY (PERCENT) = 2.85

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	1	3	0	1	2	3	1	1	0	0	0	0	0	0	0	0	12
(1)	.00	.27	.81	.00	.27	.54	.81	.27	.27	.00	.00	.00	.00	.00	.00	.00	.00	3.24
(2)	.00	.01	.02	.00	.01	.02	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.09
1.1- 1.5	0	0	2	1	4	2	0	1	3	6	3	0	1	0	0	0	0	23
(1)	.00	.00	.54	.27	1.08	.54	.00	.27	.81	1.62	.81	.00	.27	.00	.00	.00	.00	6.22
(2)	.00	.00	.02	.01	.03	.02	.00	.01	.02	.05	.02	.00	.01	.00	.00	.00	.00	.18
1.6- 2.0	0	2	3	3	3	0	0	0	2	2	4	1	1	0	0	0	0	21
(1)	.00	.54	.81	.81	.81	.00	.00	.00	.54	.54	1.08	.27	.27	.00	.00	.00	.00	5.68
(2)	.00	.02	.02	.02	.02	.00	.00	.00	.02	.02	.03	.01	.01	.00	.00	.00	.00	.16
2.1- 3.0	1	5	3	3	1	0	2	0	4	9	18	3	0	2	0	2	0	53
(1)	.27	1.35	.81	.81	.27	.00	.54	.00	1.08	2.43	4.86	.81	.00	.54	.00	.54	.00	14.32
(2)	.01	.04	.02	.02	.01	.00	.02	.00	.03	.07	.14	.02	.00	.02	.00	.02	.00	.41
3.1- 4.0	1	11	3	2	0	0	1	0	2	0	11	7	2	0	0	0	0	40
(1)	.27	2.97	.81	.54	.00	.00	.27	.00	.54	.00	2.97	1.89	.54	.00	.00	.00	.00	10.81
(2)	.01	.08	.02	.02	.00	.00	.01	.00	.02	.00	.08	.05	.02	.00	.00	.00	.00	.31
4.1- 5.0	4	7	1	0	0	0	0	0	2	4	15	10	1	2	2	6	0	54
(1)	1.08	1.89	.27	.00	.00	.00	.00	.00	.54	1.08	4.05	2.70	.27	.54	.54	1.62	.00	14.59
(2)	.03	.05	.01	.00	.00	.00	.00	.00	.02	.03	.12	.08	.01	.02	.02	.05	.00	.42
5.1- 6.0	6	2	1	0	0	0	2	0	1	2	10	19	4	1	3	7	0	58
(1)	1.62	.54	.27	.00	.00	.00	.54	.00	.27	.54	2.70	5.14	1.08	.27	.81	1.89	.00	15.68
(2)	.05	.02	.01	.00	.00	.00	.02	.00	.01	.02	.08	.15	.03	.01	.02	.05	.00	.45
6.1- 8.0	1	0	3	0	0	0	0	0	1	3	22	43	12	2	1	3	0	91

Table 2.3-31— {SSES 197' (60-m) 2001-2006 Winter JFD - continued}

(Page 2 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 2.85**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.27	.00	.81	.00	.00	.00	.00	.00	.27	.81	5.95	11.62	3.24	.54	.27	.81	.00	24.59
(2)	.01	.00	.02	.00	.00	.00	.00	.00	.01	.02	.17	.33	.09	.02	.01	.02	.00	.70
8.1-10.0	0	0	0	0	0	0	0	0	0	3	0	10	4	0	0	0	0	17
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.81	.00	2.70	1.08	.00	.00	.00	.00	4.59
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.08	.03	.00	.00	.00	.00	.13
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.27	.00	.00	.00	.00	.00	.27
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01
ALL SPEEDS	13	28	19	9	9	4	8	2	16	29	83	94	25	7	6	18	0	370
(1)	3.51	7.57	5.14	2.43	2.43	1.08	2.16	.54	4.32	7.84	22.43	25.41	6.76	1.89	1.62	4.86	.00	100.00
(2)	.10	.22	.15	.07	.07	.03	.06	.02	.12	.22	.64	.72	.19	.05	.05	.14	.00	2.85

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-31— {SSES 197' (60-m) 2001-2006 Winter JFD - continued}

(Page 1 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 47.66**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	1	0	0	1	0	0	1	0	1	0	0	0	0	4
(1)	.00	.00	.00	.00	.02	.00	.00	.02	.00	.00	.02	.00	.02	.00	.00	.00	.00	.06
(2)	.00	.00	.00	.00	.01	.00	.00	.01	.00	.00	.01	.00	.01	.00	.00	.00	.00	.03
.5- 1.0	6	14	24	23	12	21	26	16	16	16	15	2	3	1	3	3	0	201
(1)	.10	.23	.39	.37	.19	.34	.42	.26	.26	.26	.24	.03	.05	.02	.05	.05	.00	3.25
(2)	.05	.11	.18	.18	.09	.16	.20	.12	.12	.12	.12	.02	.02	.01	.02	.02	.00	1.55
1.1- 1.5	11	28	29	30	14	8	22	34	32	42	31	7	3	3	1	5	0	300
(1)	.18	.45	.47	.48	.23	.13	.36	.55	.52	.68	.50	.11	.05	.05	.02	.08	.00	4.85
(2)	.08	.22	.22	.23	.11	.06	.17	.26	.25	.32	.24	.05	.02	.02	.01	.04	.00	2.31
1.6- 2.0	13	29	25	16	17	12	9	13	25	38	69	24	9	7	3	5	0	314
(1)	.21	.47	.40	.26	.27	.19	.15	.21	.40	.61	1.12	.39	.15	.11	.05	.08	.00	5.07
(2)	.10	.22	.19	.12	.13	.09	.07	.10	.19	.29	.53	.18	.07	.05	.02	.04	.00	2.42
2.1- 3.0	57	67	71	43	25	18	48	24	19	55	119	63	35	26	22	20	0	712
(1)	.92	1.08	1.15	.69	.40	.29	.78	.39	.31	.89	1.92	1.02	.57	.42	.36	.32	.00	11.51
(2)	.44	.52	.55	.33	.19	.14	.37	.18	.15	.42	.92	.49	.27	.20	.17	.15	.00	5.48
3.1- 4.0	87	69	72	19	12	17	29	37	30	34	80	70	68	57	81	75	0	837
(1)	1.41	1.12	1.16	.31	.19	.27	.47	.60	.48	.55	1.29	1.13	1.10	.92	1.31	1.21	.00	13.53
(2)	.67	.53	.55	.15	.09	.13	.22	.28	.23	.26	.62	.54	.52	.44	.62	.58	.00	6.45
4.1- 5.0	100	66	50	8	7	8	18	26	21	42	82	110	99	71	164	172	0	1044
(1)	1.62	1.07	.81	.13	.11	.13	.29	.42	.34	.68	1.33	1.78	1.60	1.15	2.65	2.78	.00	16.87
(2)	.77	.51	.39	.06	.05	.06	.14	.20	.16	.32	.63	.85	.76	.55	1.26	1.32	.00	8.04
5.1- 6.0	51	56	23	5	6	7	9	9	8	43	99	227	133	93	151	154	0	1074
(1)	.82	.90	.37	.08	.10	.11	.15	.15	.13	.69	1.60	3.67	2.15	1.50	2.44	2.49	.00	17.36
(2)	.39	.43	.18	.04	.05	.05	.07	.07	.06	.33	.76	1.75	1.02	.72	1.16	1.19	.00	8.27
6.1- 8.0	21	29	12	0	2	1	5	8	10	32	87	511	150	111	172	147	0	1298

Table 2.3-31— {SSES 197' (60-m) 2001-2006 Winter JFD - continued}

(Page 2 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 47.66**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.34	.47	.19	.00	.03	.02	.08	.13	.16	.52	1.41	8.26	2.42	1.79	2.78	2.38	.00	20.98
(2)	.16	.22	.09	.00	.02	.01	.04	.06	.08	.25	.67	3.94	1.16	.85	1.32	1.13	.00	10.00
8.1-10.0	2	0	1	0	0	1	1	0	0	10	11	173	65	15	22	25	0	326
(1)	.03	.00	.02	.00	.00	.02	.02	.00	.00	.16	.18	2.80	1.05	.24	.36	.40	.00	5.27
(2)	.02	.00	.01	.00	.00	.01	.01	.00	.00	.08	.08	1.33	.50	.12	.17	.19	.00	2.51
10.1-40.3	0	0	0	0	0	2	1	0	2	5	1	50	15	2	0	0	0	78
(1)	.00	.00	.00	.00	.00	.03	.02	.00	.03	.08	.02	.81	.24	.03	.00	.00	.00	1.26
(2)	.00	.00	.00	.00	.00	.02	.01	.00	.02	.04	.01	.39	.12	.02	.00	.00	.00	.60
ALL SPEEDS	348	358	307	144	96	95	168	168	163	317	595	1237	581	386	619	606	0	6188
(1)	5.62	5.79	4.96	2.33	1.55	1.54	2.71	2.71	2.63	5.12	9.62	19.99	9.39	6.24	10.00	9.79	.00	100.00
(2)	2.68	2.76	2.36	1.11	.74	.73	1.29	1.29	1.26	2.44	4.58	9.53	4.47	2.97	4.77	4.67	.00	47.66

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-31— {SSES 197' (60-m) 2001-2006 Winter JFD - continued}
(Page 1 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 28.55

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.03	.03	.00	.03	.03	.00	.00	.00	.00	.00	.00	.00	.00	.11
(2)	.00	.00	.00	.00	.01	.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.03
.5- 1.0	12	22	47	33	26	40	34	36	37	24	14	8	6	1	2	9	0	351
(1)	.32	.59	1.27	.89	.70	1.08	.92	.97	1.00	.65	.38	.22	.16	.03	.05	.24	.00	9.47
(2)	.09	.17	.36	.25	.20	.31	.26	.28	.28	.18	.11	.06	.05	.01	.02	.07	.00	2.70
1.1- 1.5	18	49	74	28	24	18	36	57	46	45	48	14	8	2	5	8	0	480
(1)	.49	1.32	2.00	.76	.65	.49	.97	1.54	1.24	1.21	1.29	.38	.22	.05	.13	.22	.00	12.95
(2)	.14	.38	.57	.22	.18	.14	.28	.44	.35	.35	.37	.11	.06	.02	.04	.06	.00	3.70
1.6- 2.0	32	63	34	22	12	10	19	10	39	61	46	18	11	4	3	9	0	393
(1)	.86	1.70	.92	.59	.32	.27	.51	.27	1.05	1.65	1.24	.49	.30	.11	.08	.24	.00	10.60
(2)	.25	.49	.26	.17	.09	.08	.15	.08	.30	.47	.35	.14	.08	.03	.02	.07	.00	3.03
2.1- 3.0	59	90	67	30	24	27	22	27	31	69	116	54	31	31	17	14	0	709
(1)	1.59	2.43	1.81	.81	.65	.73	.59	.73	.84	1.86	3.13	1.46	.84	.84	.46	.38	.00	19.13
(2)	.45	.69	.52	.23	.18	.21	.17	.21	.24	.53	.89	.42	.24	.24	.13	.11	.00	5.46
3.1- 4.0	47	57	49	12	15	15	14	26	28	53	117	74	25	14	33	24	0	603
(1)	1.27	1.54	1.32	.32	.40	.40	.38	.70	.76	1.43	3.16	2.00	.67	.38	.89	.65	.00	16.27
(2)	.36	.44	.38	.09	.12	.12	.11	.20	.22	.41	.90	.57	.19	.11	.25	.18	.00	4.64
4.1- 5.0	23	26	33	8	2	1	6	15	11	54	138	106	10	9	34	24	0	500
(1)	.62	.70	.89	.22	.05	.03	.16	.40	.30	1.46	3.72	2.86	.27	.24	.92	.65	.00	13.49
(2)	.18	.20	.25	.06	.02	.01	.05	.12	.08	.42	1.06	.82	.08	.07	.26	.18	.00	3.85
5.1- 6.0	9	23	28	4	1	4	3	8	8	33	59	137	6	0	18	9	0	350
(1)	.24	.62	.76	.11	.03	.11	.08	.22	.22	.89	1.59	3.70	.16	.00	.49	.24	.00	9.44
(2)	.07	.18	.22	.03	.01	.03	.02	.06	.06	.25	.45	1.06	.05	.00	.14	.07	.00	2.70
6.1- 8.0	1	16	7	0	3	4	3	3	6	33	22	129	11	1	10	2	0	251

Table 2.3-31— {SSES 197' (60-m) 2001-2006 Winter JFD - continued}

(Page 2 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.55**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.03	.43	.19	.00	.08	.11	.08	.08	.16	.89	.59	3.48	.30	.03	.27	.05	.00	6.77
(2)	.01	.12	.05	.00	.02	.03	.02	.02	.05	.25	.17	.99	.08	.01	.08	.02	.00	1.93
8.1-10.0	0	2	0	0	0	4	6	6	4	9	5	8	4	0	0	0	0	48
(1)	.00	.05	.00	.00	.00	.11	.16	.16	.11	.24	.13	.22	.11	.00	.00	.00	.00	1.29
(2)	.00	.02	.00	.00	.00	.03	.05	.05	.03	.07	.04	.06	.03	.00	.00	.00	.00	.37
10.1-40.3	0	0	0	0	1	1	1	1	4	5	0	4	1	0	0	0	0	18
(1)	.00	.00	.00	.00	.03	.03	.03	.03	.11	.13	.00	.11	.03	.00	.00	.00	.00	.49
(2)	.00	.00	.00	.00	.01	.01	.01	.01	.03	.04	.00	.03	.01	.00	.00	.00	.00	.14
ALL SPEEDS	201	348	339	137	109	125	144	190	215	386	565	552	113	62	122	99	0	3707
(1)	5.42	9.39	9.14	3.70	2.94	3.37	3.88	5.13	5.80	10.41	15.24	14.89	3.05	1.67	3.29	2.67	.00	100.00
(2)	1.55	2.68	2.61	1.06	.84	.96	1.11	1.46	1.66	2.97	4.35	4.25	.87	.48	.94	.76	.00	28.55

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-31— {SSES 197' (60-m) 2001-2006 Winter JFD - continued}

(Page 1 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 9.91**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.08	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16
(2)	.00	.00	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	5	18	36	33	32	24	17	11	6	11	1	1	2	0	2	1	0	200
(1)	.39	1.40	2.80	2.56	2.49	1.86	1.32	.85	.47	.85	.08	.08	.16	.00	.16	.08	.00	15.54
(2)	.04	.14	.28	.25	.25	.18	.13	.08	.05	.08	.01	.01	.02	.00	.02	.01	.00	1.54
1.1- 1.5	14	61	72	29	24	14	11	20	24	13	6	3	1	1	1	1	0	295
(1)	1.09	4.74	5.59	2.25	1.86	1.09	.85	1.55	1.86	1.01	.47	.23	.08	.08	.08	.08	.00	22.92
(2)	.11	.47	.55	.22	.18	.11	.08	.15	.18	.10	.05	.02	.01	.01	.01	.01	.00	2.27
1.6- 2.0	25	105	37	9	5	3	4	10	26	20	13	3	0	2	1	4	0	267
(1)	1.94	8.16	2.87	.70	.39	.23	.31	.78	2.02	1.55	1.01	.23	.00	.16	.08	.31	.00	20.75
(2)	.19	.81	.28	.07	.04	.02	.03	.08	.20	.15	.10	.02	.00	.02	.01	.03	.00	2.06
2.1- 3.0	43	80	31	1	3	2	4	2	23	34	49	6	1	4	4	5	0	292
(1)	3.34	6.22	2.41	.08	.23	.16	.31	.16	1.79	2.64	3.81	.47	.08	.31	.31	.39	.00	22.69
(2)	.33	.62	.24	.01	.02	.02	.03	.02	.18	.26	.38	.05	.01	.03	.03	.04	.00	2.25
3.1- 4.0	3	15	8	0	0	0	2	1	4	17	47	19	1	1	6	1	0	125
(1)	.23	1.17	.62	.00	.00	.00	.16	.08	.31	1.32	3.65	1.48	.08	.08	.47	.08	.00	9.71
(2)	.02	.12	.06	.00	.00	.00	.02	.01	.03	.13	.36	.15	.01	.01	.05	.01	.00	.96
4.1- 5.0	0	0	0	0	0	0	0	0	3	7	13	38	0	0	1	1	0	63
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.23	.54	1.01	2.95	.00	.00	.08	.08	.00	4.90
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.10	.29	.00	.00	.01	.01	.00	.49
5.1- 6.0	0	0	0	0	0	0	0	0	1	1	5	23	0	0	0	1	0	31
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.08	.08	.39	1.79	.00	.00	.00	.08	.00	2.41
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.04	.18	.00	.00	.00	.01	.00	.24
6.1- 8.0	0	0	0	0	0	0	0	0	1	1	1	8	0	0	0	0	0	11

Table 2.3-31— {SSES 197' (60-m) 2001-2006 Winter JFD - continued}
(Page 2 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 9.91**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.08	.08	.08	.62	.00	.00	.00	.00	.00	.85
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.06	.00	.00	.00	.00	.00	.08
8.1-10.0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.08
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	90	279	185	72	64	44	38	44	88	105	135	101	5	8	15	14	0	1287
(1)	6.99	21.68	14.37	5.59	4.97	3.42	2.95	3.42	6.84	8.16	10.49	7.85	.39	.62	1.17	1.09	.00	100.00
(2)	.69	2.15	1.42	.55	.49	.34	.29	.34	.68	.81	1.04	.78	.04	.06	.12	.11	.00	9.91

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-31— {SSES 197' (60-m) 2001-2006 Winter JFD - continued}

(Page 1 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.13**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	5	6	21	33	18	15	9	8	5	1	0	0	0	0	0	0	0	121
(1)	.54	.65	2.27	3.56	1.94	1.62	.97	.86	.54	.11	.00	.00	.00	.00	.00	.00	.00	13.07
(2)	.04	.05	.16	.25	.14	.12	.07	.06	.04	.01	.00	.00	.00	.00	.00	.00	.00	.93
1.1- 1.5	5	50	63	28	21	24	12	15	12	6	5	1	2	1	1	2	0	248
(1)	.54	5.40	6.80	3.02	2.27	2.59	1.30	1.62	1.30	.65	.54	.11	.22	.11	.11	.22	.00	26.78
(2)	.04	.39	.49	.22	.16	.18	.09	.12	.09	.05	.04	.01	.02	.01	.01	.02	.00	1.91
1.6- 2.0	37	88	46	9	5	2	4	10	16	16	7	1	0	0	1	1	0	243
(1)	4.00	9.50	4.97	.97	.54	.22	.43	1.08	1.73	1.73	.76	.11	.00	.00	.11	.11	.00	26.24
(2)	.28	.68	.35	.07	.04	.02	.03	.08	.12	.12	.05	.01	.00	.00	.01	.01	.00	1.87
2.1- 3.0	45	69	19	3	3	3	1	2	17	26	22	6	0	0	1	2	0	219
(1)	4.86	7.45	2.05	.32	.32	.32	.11	.22	1.84	2.81	2.38	.65	.00	.00	.11	.22	.00	23.65
(2)	.35	.53	.15	.02	.02	.02	.01	.02	.13	.20	.17	.05	.00	.00	.01	.02	.00	1.69
3.1- 4.0	6	5	0	0	0	1	0	0	3	11	20	5	1	0	3	0	0	55
(1)	.65	.54	.00	.00	.00	.11	.00	.00	.32	1.19	2.16	.54	.11	.00	.32	.00	.00	5.94
(2)	.05	.04	.00	.00	.00	.01	.00	.00	.02	.08	.15	.04	.01	.00	.02	.00	.00	.42
4.1- 5.0	0	0	0	0	0	0	0	0	2	8	1	13	0	0	0	0	0	24
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.22	.86	.11	1.40	.00	.00	.00	.00	.00	2.59
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.06	.01	.10	.00	.00	.00	.00	.00	.18
5.1- 6.0	0	0	0	0	0	0	0	0	1	3	0	4	0	0	0	0	0	8
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.11	.32	.00	.43	.00	.00	.00	.00	.00	.86
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.00	.03	.00	.00	.00	.00	.00	.06
6.1- 8.0	0	0	0	0	0	0	0	0	0	1	1	6	0	0	0	0	0	8

Table 2.3-31— {SSES 197' (60-m) 2001-2006 Winter JFD - continued}

(Page 2 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.13**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.11	.65	.00	.00	.00	.00	.00	.86
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.05	.00	.00	.00	.00	.00	.06
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	98	218	149	73	47	45	26	35	56	72	56	36	3	1	6	5	0	926
(1)	10.58	23.54	16.09	7.88	5.08	4.86	2.81	3.78	6.05	7.78	6.05	3.89	.32	.11	.65	.54	.00	100.00
(2)	.75	1.68	1.15	.56	.36	.35	.20	.27	.43	.55	.43	.28	.02	.01	.05	.04	.00	7.13

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-31— {SSES 197' (60-m) 2001-2006 Winter JFD - continued}

(Page 1 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	0	2	2	0	2	1	0	1	0	1	0	0	0	0	10
(1)	.00	.00	.01	.00	.02	.02	.00	.02	.01	.00	.01	.00	.01	.00	.00	.00	.00	.08
(2)	.00	.00	.01	.00	.02	.02	.00	.02	.01	.00	.01	.00	.01	.00	.00	.00	.00	.08
.5- 1.0	28	61	131	122	90	104	89	72	66	53	30	11	11	2	7	14	0	891
(1)	.22	.47	1.01	.94	.69	.80	.69	.55	.51	.41	.23	.08	.08	.02	.05	.11	.00	6.86
(2)	.22	.47	1.01	.94	.69	.80	.69	.55	.51	.41	.23	.08	.08	.02	.05	.11	.00	6.86
1.1- 1.5	48	188	242	119	89	66	83	129	120	114	95	27	15	7	8	16	0	1366
(1)	.37	1.45	1.86	.92	.69	.51	.64	.99	.92	.88	.73	.21	.12	.05	.06	.12	.00	10.52
(2)	.37	1.45	1.86	.92	.69	.51	.64	.99	.92	.88	.73	.21	.12	.05	.06	.12	.00	10.52
1.6- 2.0	107	287	149	59	43	28	38	44	111	154	149	47	21	13	8	19	0	1277
(1)	.82	2.21	1.15	.45	.33	.22	.29	.34	.85	1.19	1.15	.36	.16	.10	.06	.15	.00	9.84
(2)	.82	2.21	1.15	.45	.33	.22	.29	.34	.85	1.19	1.15	.36	.16	.10	.06	.15	.00	9.84
2.1- 3.0	205	313	198	80	57	52	79	57	98	213	355	138	67	64	45	44	0	2065
(1)	1.58	2.41	1.52	.62	.44	.40	.61	.44	.75	1.64	2.73	1.06	.52	.49	.35	.34	.00	15.90
(2)	1.58	2.41	1.52	.62	.44	.40	.61	.44	.75	1.64	2.73	1.06	.52	.49	.35	.34	.00	15.90
3.1- 4.0	145	159	140	34	28	33	46	66	68	124	306	180	101	72	124	100	0	1726
(1)	1.12	1.22	1.08	.26	.22	.25	.35	.51	.52	.96	2.36	1.39	.78	.55	.96	.77	.00	13.29
(2)	1.12	1.22	1.08	.26	.22	.25	.35	.51	.52	.96	2.36	1.39	.78	.55	.96	.77	.00	13.29
4.1- 5.0	131	100	90	16	9	9	27	43	39	119	280	288	113	82	203	203	0	1752
(1)	1.01	.77	.69	.12	.07	.07	.21	.33	.30	.92	2.16	2.22	.87	.63	1.56	1.56	.00	13.49
(2)	1.01	.77	.69	.12	.07	.07	.21	.33	.30	.92	2.16	2.22	.87	.63	1.56	1.56	.00	13.49
5.1- 6.0	68	93	55	9	7	11	14	18	21	88	215	428	152	96	172	171	0	1618
(1)	.52	.72	.42	.07	.05	.08	.11	.14	.16	.68	1.66	3.30	1.17	.74	1.32	1.32	.00	12.46
(2)	.52	.72	.42	.07	.05	.08	.11	.14	.16	.68	1.66	3.30	1.17	.74	1.32	1.32	.00	12.46
6.1- 8.0	23	49	23	0	5	5	8	11	21	77	170	755	176	114	183	152	0	1772

Table 2.3-31— {SSES 197' (60-m) 2001-2006 Winter JFD - continued}
(Page 2 of 2)

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.18	.38	.18	.00	.04	.04	.06	.08	.16	.59	1.31	5.81	1.36	.88	1.41	1.17	.00	13.65
(2)	.18	.38	.18	.00	.04	.04	.06	.08	.16	.59	1.31	5.81	1.36	.88	1.41	1.17	.00	13.65
8.1-10.0	2	2	1	0	0	5	7	6	4	26	17	204	74	15	22	25	0	410
(1)	.02	.02	.01	.00	.00	.04	.05	.05	.03	.20	.13	1.57	.57	.12	.17	.19	.00	3.16
(2)	.02	.02	.01	.00	.00	.04	.05	.05	.03	.20	.13	1.57	.57	.12	.17	.19	.00	3.16
10.1-40.3	0	0	0	0	1	3	2	1	6	10	1	55	16	2	0	0	0	97
(1)	.00	.00	.00	.00	.01	.02	.02	.01	.05	.08	.01	.42	.12	.02	.00	.00	.00	.75
(2)	.00	.00	.00	.00	.01	.02	.02	.01	.05	.08	.01	.42	.12	.02	.00	.00	.00	.75
ALL SPEEDS	757	1252	1030	439	331	318	393	449	555	978	1619	2133	747	467	772	744	0	12984
(1)	5.83	9.64	7.93	3.38	2.55	2.45	3.03	3.46	4.27	7.53	12.47	16.43	5.75	3.60	5.95	5.73	.00	100.00
(2)	5.83	9.64	7.93	3.38	2.55	2.45	3.03	3.46	4.27	7.53	12.47	16.43	5.75	3.60	5.95	5.73	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-32— {SSES 197' (60-m) 2001-2006 Spring JFD}
(Page 1 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 6.97**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.11	.00	.11	.22	.00	.00	.00	.00	.00	.00	.00	.00	.44
(2)	.00	.00	.00	.00	.00	.01	.00	.01	.02	.00	.00	.00	.00	.00	.00	.00	.00	.03
1.1- 1.5	0	0	1	6	1	4	3	0	2	4	7	2	1	0	0	0	0	31
(1)	.00	.00	.11	.67	.11	.44	.33	.00	.22	.44	.78	.22	.11	.00	.00	.00	.00	3.44
(2)	.00	.00	.01	.05	.01	.03	.02	.00	.02	.03	.05	.02	.01	.00	.00	.00	.00	.24
1.6- 2.0	0	2	6	6	1	4	3	3	6	6	5	3	1	1	1	0	0	48
(1)	.00	.22	.67	.67	.11	.44	.33	.33	.67	.67	.55	.33	.11	.11	.11	.00	.00	5.33
(2)	.00	.02	.05	.05	.01	.03	.02	.02	.05	.05	.04	.02	.01	.01	.01	.00	.00	.37
2.1- 3.0	1	5	13	5	8	7	5	7	11	30	38	12	0	0	1	3	0	146
(1)	.11	.55	1.44	.55	.89	.78	.55	.78	1.22	3.33	4.22	1.33	.00	.00	.11	.33	.00	16.20
(2)	.01	.04	.10	.04	.06	.05	.04	.05	.09	.23	.29	.09	.00	.00	.01	.02	.00	1.13
3.1- 4.0	2	15	11	2	2	4	5	6	13	25	44	22	3	4	1	1	0	160
(1)	.22	1.66	1.22	.22	.22	.44	.55	.67	1.44	2.77	4.88	2.44	.33	.44	.11	.11	.00	17.76
(2)	.02	.12	.09	.02	.02	.03	.04	.05	.10	.19	.34	.17	.02	.03	.01	.01	.00	1.24
4.1- 5.0	12	24	7	1	1	1	8	5	8	19	35	20	2	4	2	3	0	152
(1)	1.33	2.66	.78	.11	.11	.11	.89	.55	.89	2.11	3.88	2.22	.22	.44	.22	.33	.00	16.87
(2)	.09	.19	.05	.01	.01	.01	.06	.04	.06	.15	.27	.15	.02	.03	.02	.02	.00	1.18
5.1- 6.0	7	22	3	2	0	1	13	5	11	24	41	23	6	2	3	3	0	166
(1)	.78	2.44	.33	.22	.00	.11	1.44	.55	1.22	2.66	4.55	2.55	.67	.22	.33	.33	.00	18.42
(2)	.05	.17	.02	.02	.00	.01	.10	.04	.09	.19	.32	.18	.05	.02	.02	.02	.00	1.28
6.1- 8.0	9	9	2	0	0	0	4	4	12	30	42	44	3	0	2	3	0	164

Table 2.3-32— {SSES 197' (60-m) 2001-2006 Spring JFD}

(Page 2 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 6.97**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	1.00	1.00	.22	.00	.00	.00	.44	.44	1.33	3.33	4.66	4.88	.33	.00	.22	.33	.00	18.20
(2)	.07	.07	.02	.00	.00	.00	.03	.03	.09	.23	.32	.34	.02	.00	.02	.02	.00	1.27
8.1-10.0	4	1	0	0	0	1	0	1	1	5	5	6	0	0	1	0	0	25
(1)	.44	.11	.00	.00	.00	.11	.00	.11	.11	.55	.55	.67	.00	.00	.11	.00	.00	2.77
(2)	.03	.01	.00	.00	.00	.01	.00	.01	.01	.04	.04	.05	.00	.00	.01	.00	.00	.19
10.1-40.3	0	0	0	0	0	0	0	0	1	0	1	3	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.11	.00	.11	.33	.00	.00	.00	.00	.00	.55
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.02	.00	.00	.00	.00	.00	.04
ALL SPEEDS	35	78	43	22	13	23	41	32	67	143	218	135	16	11	11	13	0	901
(1)	3.88	8.66	4.77	2.44	1.44	2.55	4.55	3.55	7.44	15.87	24.20	14.98	1.78	1.22	1.22	1.44	.00	100.00
(2)	.27	.60	.33	.17	.10	.18	.32	.25	.52	1.11	1.69	1.04	.12	.09	.09	.10	.00	6.97

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-32— {SSES 197' (60-m) 2001-2006 Spring JFD - continued}
(Page 1 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.61**
WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	2	0	2	0	1	0	0	0	0	0	0	0	0	0	0	5
(1)	.00	.00	.43	.00	.43	.00	.21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.07
(2)	.00	.00	.02	.00	.02	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
1.1- 1.5	0	1	1	0	2	3	1	1	4	4	2	0	0	0	0	0	0	19
(1)	.00	.21	.21	.00	.43	.64	.21	.21	.86	.86	.43	.00	.00	.00	.00	.00	.00	4.08
(2)	.00	.01	.01	.00	.02	.02	.01	.01	.03	.03	.02	.00	.00	.00	.00	.00	.00	.15
1.6- 2.0	0	3	8	4	1	3	0	1	2	3	2	0	1	0	0	0	0	28
(1)	.00	.64	1.72	.86	.21	.64	.00	.21	.43	.64	.43	.00	.21	.00	.00	.00	.00	6.01
(2)	.00	.02	.06	.03	.01	.02	.00	.01	.02	.02	.02	.00	.01	.00	.00	.00	.00	.22
2.1- 3.0	4	2	5	0	2	2	3	5	1	10	5	3	1	1	1	0	0	45
(1)	.86	.43	1.07	.00	.43	.43	.64	1.07	.21	2.15	1.07	.64	.21	.21	.21	.00	.00	9.66
(2)	.03	.02	.04	.00	.02	.02	.02	.04	.01	.08	.04	.02	.01	.01	.01	.00	.00	.35
3.1- 4.0	2	10	6	1	4	2	3	4	3	4	10	9	1	1	2	2	0	64
(1)	.43	2.15	1.29	.21	.86	.43	.64	.86	.64	.86	2.15	1.93	.21	.21	.43	.43	.00	13.73
(2)	.02	.08	.05	.01	.03	.02	.02	.03	.02	.03	.08	.07	.01	.01	.02	.02	.00	.50
4.1- 5.0	4	10	5	1	3	2	3	3	4	8	19	11	2	7	3	5	0	90
(1)	.86	2.15	1.07	.21	.64	.43	.64	.64	.86	1.72	4.08	2.36	.43	1.50	.64	1.07	.00	19.31
(2)	.03	.08	.04	.01	.02	.02	.02	.02	.03	.06	.15	.09	.02	.05	.02	.04	.00	.70
5.1- 6.0	9	4	4	1	2	0	4	2	4	6	15	9	2	6	7	9	0	84
(1)	1.93	.86	.86	.21	.43	.00	.86	.43	.86	1.29	3.22	1.93	.43	1.29	1.50	1.93	.00	18.03
(2)	.07	.03	.03	.01	.02	.00	.03	.02	.03	.05	.12	.07	.02	.05	.05	.07	.00	.65
6.1- 8.0	9	6	1	0	2	1	3	1	4	1	21	35	8	0	7	8	0	107

Table 2.3-32— {SSES 197' (60-m) 2001-2006 Spring JFD - continued}

(Page 2 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA | **STABILITY CLASS B** | **CLASS FREQUENCY (PERCENT) = 3.61**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	1.93	1.29	.21	.00	.43	.21	.64	.21	.86	.21	4.51	7.51	1.72	.00	1.50	1.72	.00	22.96
(2)	.07	.05	.01	.00	.02	.01	.02	.01	.03	.01	.16	.27	.06	.00	.05	.06	.00	.83
8.1-10.0	3	2	0	0	0	0	0	0	1	1	1	8	0	0	2	0	0	18
(1)	.64	.43	.00	.00	.00	.00	.00	.00	.21	.21	.21	1.72	.00	.00	.43	.00	.00	3.86
(2)	.02	.02	.00	.00	.00	.00	.00	.00	.01	.01	.01	.06	.00	.00	.02	.00	.00	.14
10.1-40.3	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.07	.21	.00	.00	.00	.00	.00	1.29
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.01	.00	.00	.00	.00	.00	.05
ALL SPEEDS	31	38	32	7	18	13	18	17	23	37	80	76	15	15	22	24	0	466
(1)	6.65	8.15	6.87	1.50	3.86	2.79	3.86	3.65	4.94	7.94	17.17	16.31	3.22	3.22	4.72	5.15	.00	100.00
(2)	.24	.29	.25	.05	.14	.10	.14	.13	.18	.29	.62	.59	.12	.12	.17	.19	.00	3.61

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-32— {SSES 197' (60-m) 2001-2006 Spring JFD - continued}

(Page 1 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.87**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	1	0	4	1	0	0	1	2	1	0	0	1	0	0	0	0	11
(1)	.00	.16	.00	.64	.16	.00	.00	.16	.32	.16	.00	.00	.16	.00	.00	.00	.00	1.75
(2)	.00	.01	.00	.03	.01	.00	.00	.01	.02	.01	.00	.00	.01	.00	.00	.00	.00	.09
1.1- 1.5	0	2	1	4	2	0	1	1	1	5	1	0	0	0	0	1	0	19
(1)	.00	.32	.16	.64	.32	.00	.16	.16	.16	.79	.16	.00	.00	.00	.00	.16	.00	3.02
(2)	.00	.02	.01	.03	.02	.00	.01	.01	.01	.04	.01	.00	.00	.00	.00	.01	.00	.15
1.6- 2.0	3	3	2	2	4	1	4	0	1	6	0	0	0	0	0	0	0	26
(1)	.48	.48	.32	.32	.64	.16	.64	.00	.16	.95	.00	.00	.00	.00	.00	.00	.00	4.13
(2)	.02	.02	.02	.02	.03	.01	.03	.00	.01	.05	.00	.00	.00	.00	.00	.00	.00	.20
2.1- 3.0	2	6	12	4	1	4	2	1	5	13	13	10	3	0	0	0	0	76
(1)	.32	.95	1.91	.64	.16	.64	.32	.16	.79	2.07	2.07	1.59	.48	.00	.00	.00	.00	12.08
(2)	.02	.05	.09	.03	.01	.03	.02	.01	.04	.10	.10	.08	.02	.00	.00	.00	.00	.59
3.1- 4.0	9	15	11	1	3	2	2	3	5	9	16	15	4	1	3	1	0	100
(1)	1.43	2.38	1.75	.16	.48	.32	.32	.48	.79	1.43	2.54	2.38	.64	.16	.48	.16	.00	15.90
(2)	.07	.12	.09	.01	.02	.02	.02	.02	.04	.07	.12	.12	.03	.01	.02	.01	.00	.77
4.1- 5.0	15	15	3	2	2	3	8	2	1	6	25	21	9	4	9	7	0	132
(1)	2.38	2.38	.48	.32	.32	.48	1.27	.32	.16	.95	3.97	3.34	1.43	.64	1.43	1.11	.00	20.99
(2)	.12	.12	.02	.02	.02	.02	.06	.02	.01	.05	.19	.16	.07	.03	.07	.05	.00	1.02
5.1- 6.0	9	10	1	4	1	1	5	3	7	7	10	20	6	4	6	12	0	106
(1)	1.43	1.59	.16	.64	.16	.16	.79	.48	1.11	1.11	1.59	3.18	.95	.64	.95	1.91	.00	16.85
(2)	.07	.08	.01	.03	.01	.01	.04	.02	.05	.05	.08	.15	.05	.03	.05	.09	.00	.82
6.1- 8.0	15	5	0	0	0	3	1	3	8	6	11	32	13	5	9	5	0	116

Table 2.3-32— {SSES 197' (60-m) 2001-2006 Spring JFD - continued}
(Page 2 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.87**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	2.38	.79	.00	.00	.00	.48	.16	.48	1.27	.95	1.75	5.09	2.07	.79	1.43	.79	.00	18.44
(2)	.12	.04	.00	.00	.00	.02	.01	.02	.06	.05	.09	.25	.10	.04	.07	.04	.00	.90
8.1-10.0	1	1	0	0	0	0	1	0	0	1	5	19	4	0	0	3	0	35
(1)	.16	.16	.00	.00	.00	.00	.16	.00	.00	.16	.79	3.02	.64	.00	.00	.48	.00	5.56
(2)	.01	.01	.00	.00	.00	.00	.01	.00	.00	.01	.04	.15	.03	.00	.00	.02	.00	.27
10.1-40.3	0	0	0	0	0	0	1	0	0	0	1	6	0	0	0	0	0	8
(1)	.00	.00	.00	.00	.00	.00	.16	.00	.00	.00	.16	.95	.00	.00	.00	.00	.00	1.27
(2)	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01	.05	.00	.00	.00	.00	.00	.06
ALL SPEEDS	54	58	30	21	14	14	25	14	30	54	82	123	40	14	27	29	0	629
(1)	8.59	9.22	4.77	3.34	2.23	2.23	3.97	2.23	4.77	8.59	13.04	19.55	6.36	2.23	4.29	4.61	.00	100.00
(2)	.42	.45	.23	.16	.11	.11	.19	.11	.23	.42	.63	.95	.31	.11	.21	.22	.00	4.87

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-32— {SSES 197' (60-m) 2001-2006 Spring JFD - continued}

(Page 1 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 42.30**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.04
(2)	.00	.00	.00	.01	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	5	14	14	16	19	17	18	13	7	4	3	3	3	4	1	2	0	143
(1)	.09	.26	.26	.29	.35	.31	.33	.24	.13	.07	.05	.05	.05	.07	.02	.04	.00	2.62
(2)	.04	.11	.11	.12	.15	.13	.14	.10	.05	.03	.02	.02	.02	.03	.01	.02	.00	1.11
1.1- 1.5	11	28	42	24	12	14	15	18	17	25	22	9	0	2	3	9	0	251
(1)	.20	.51	.77	.44	.22	.26	.27	.33	.31	.46	.40	.16	.00	.04	.05	.16	.00	4.59
(2)	.09	.22	.32	.19	.09	.11	.12	.14	.13	.19	.17	.07	.00	.02	.02	.07	.00	1.94
1.6- 2.0	10	27	37	20	15	19	20	17	13	31	56	15	3	3	5	4	0	295
(1)	.18	.49	.68	.37	.27	.35	.37	.31	.24	.57	1.02	.27	.05	.05	.09	.07	.00	5.40
(2)	.08	.21	.29	.15	.12	.15	.15	.13	.10	.24	.43	.12	.02	.02	.04	.03	.00	2.28
2.1- 3.0	44	82	90	53	37	41	38	36	39	54	96	64	33	31	35	28	0	801
(1)	.80	1.50	1.65	.97	.68	.75	.70	.66	.71	.99	1.76	1.17	.60	.57	.64	.51	.00	14.65
(2)	.34	.63	.70	.41	.29	.32	.29	.28	.30	.42	.74	.50	.26	.24	.27	.22	.00	6.20
3.1- 4.0	89	92	96	33	36	30	44	42	29	29	83	65	51	65	69	70	0	923
(1)	1.63	1.68	1.76	.60	.66	.55	.80	.77	.53	.53	1.52	1.19	.93	1.19	1.26	1.28	.00	16.88
(2)	.69	.71	.74	.26	.28	.23	.34	.32	.22	.22	.64	.50	.39	.50	.53	.54	.00	7.14
4.1- 5.0	114	115	69	34	25	42	50	38	34	24	66	90	69	87	108	110	0	1075
(1)	2.09	2.10	1.26	.62	.46	.77	.91	.70	.62	.44	1.21	1.65	1.26	1.59	1.98	2.01	.00	19.66
(2)	.88	.89	.53	.26	.19	.32	.39	.29	.26	.19	.51	.70	.53	.67	.84	.85	.00	8.32
5.1- 6.0	95	97	45	11	10	26	38	31	31	26	56	90	67	71	104	92	0	890
(1)	1.74	1.77	.82	.20	.18	.48	.70	.57	.57	.48	1.02	1.65	1.23	1.30	1.90	1.68	.00	16.28
(2)	.74	.75	.35	.09	.08	.20	.29	.24	.24	.20	.43	.70	.52	.55	.80	.71	.00	6.89
6.1- 8.0	42	67	28	7	13	25	11	21	36	26	43	144	129	92	93	52	0	829

Table 2.3-32— {SSES 197' (60-m) 2001-2006 Spring JFD - continued}

(Page 2 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 42.30**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.77	1.23	.51	.13	.24	.46	.20	.38	.66	.48	.79	2.63	2.36	1.68	1.70	.95	.00	15.16
(2)	.32	.52	.22	.05	.10	.19	.09	.16	.28	.20	.33	1.11	1.00	.71	.72	.40	.00	6.41
8.1-10.0	1	7	2	1	3	5	2	4	12	9	14	63	62	17	8	6	0	216
(1)	.02	.13	.04	.02	.05	.09	.04	.07	.22	.16	.26	1.15	1.13	.31	.15	.11	.00	3.95
(2)	.01	.05	.02	.01	.02	.04	.02	.03	.09	.07	.11	.49	.48	.13	.06	.05	.00	1.67
10.1-40.3	1	2	1	0	1	1	0	0	0	3	2	14	16	1	0	0	0	42
(1)	.02	.04	.02	.00	.02	.02	.00	.00	.00	.05	.04	.26	.29	.02	.00	.00	.00	.77
(2)	.01	.02	.01	.00	.01	.01	.00	.00	.00	.02	.02	.11	.12	.01	.00	.00	.00	.32
ALL SPEEDS	412	531	424	200	171	220	236	220	219	231	441	557	433	373	426	373	0	5467
(1)	7.54	9.71	7.76	3.66	3.13	4.02	4.32	4.02	4.01	4.23	8.07	10.19	7.92	6.82	7.79	6.82	.00	100.00
(2)	3.19	4.11	3.28	1.55	1.32	1.70	1.83	1.70	1.69	1.79	3.41	4.31	3.35	2.89	3.30	2.89	.00	42.30

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-32— {SSES 197' (60-m) 2001-2006 Spring JFD - continued}

(Page 1 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 24.90**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.06	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	21	31	60	44	38	20	27	27	24	27	19	10	6	1	3	6	0	364
(1)	.65	.96	1.86	1.37	1.18	.62	.84	.84	.75	.84	.59	.31	.19	.03	.09	.19	.00	11.31
(2)	.16	.24	.46	.34	.29	.15	.21	.21	.19	.21	.15	.08	.05	.01	.02	.05	.00	2.82
1.1- 1.5	21	64	73	25	20	14	23	21	28	32	38	16	8	5	5	8	0	401
(1)	.65	1.99	2.27	.78	.62	.44	.71	.65	.87	.99	1.18	.50	.25	.16	.16	.25	.00	12.46
(2)	.16	.50	.56	.19	.15	.11	.18	.16	.22	.25	.29	.12	.06	.04	.04	.06	.00	3.10
1.6- 2.0	35	70	37	26	12	13	14	19	19	25	32	27	11	6	7	6	0	359
(1)	1.09	2.18	1.15	.81	.37	.40	.44	.59	.59	.78	.99	.84	.34	.19	.22	.19	.00	11.16
(2)	.27	.54	.29	.20	.09	.10	.11	.15	.15	.19	.25	.21	.09	.05	.05	.05	.00	2.78
2.1- 3.0	71	111	78	48	24	26	25	41	37	48	74	44	32	27	12	17	0	715
(1)	2.21	3.45	2.42	1.49	.75	.81	.78	1.27	1.15	1.49	2.30	1.37	.99	.84	.37	.53	.00	22.22
(2)	.55	.86	.60	.37	.19	.20	.19	.32	.29	.37	.57	.34	.25	.21	.09	.13	.00	5.53
3.1- 4.0	40	75	69	23	17	14	22	28	35	60	56	59	25	7	16	22	0	568
(1)	1.24	2.33	2.14	.71	.53	.44	.68	.87	1.09	1.86	1.74	1.83	.78	.22	.50	.68	.00	17.65
(2)	.31	.58	.53	.18	.13	.11	.17	.22	.27	.46	.43	.46	.19	.05	.12	.17	.00	4.39
4.1- 5.0	23	49	41	16	14	11	14	18	23	41	38	52	11	6	16	22	0	395
(1)	.71	1.52	1.27	.50	.44	.34	.44	.56	.71	1.27	1.18	1.62	.34	.19	.50	.68	.00	12.27
(2)	.18	.38	.32	.12	.11	.09	.11	.14	.18	.32	.29	.40	.09	.05	.12	.17	.00	3.06
5.1- 6.0	6	39	19	5	2	4	2	8	20	34	27	44	5	4	10	5	0	234
(1)	.19	1.21	.59	.16	.06	.12	.06	.25	.62	1.06	.84	1.37	.16	.12	.31	.16	.00	7.27
(2)	.05	.30	.15	.04	.02	.03	.02	.06	.15	.26	.21	.34	.04	.03	.08	.04	.00	1.81
6.1- 8.0	4	17	11	1	6	7	4	1	26	28	14	29	5	4	1	1	0	159

Table 2.3-32— {SSES 197' (60-m) 2001-2006 Spring JFD - continued}

(Page 2 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 24.90**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.12	.53	.34	.03	.19	.22	.12	.03	.81	.87	.44	.90	.16	.12	.03	.03	.00	4.94
(2)	.03	.13	.09	.01	.05	.05	.03	.01	.20	.22	.11	.22	.04	.03	.01	.01	.00	1.23
8.1-10.0	0	0	1	0	0	0	1	0	1	4	4	3	0	0	0	0	0	14
(1)	.00	.00	.03	.00	.00	.00	.03	.00	.03	.12	.12	.09	.00	.00	.00	.00	.00	.44
(2)	.00	.00	.01	.00	.00	.00	.01	.00	.01	.03	.03	.02	.00	.00	.00	.00	.00	.11
10.1-40.3	0	0	0	0	0	0	0	0	4	0	2	0	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.12	.00	.06	.00	.00	.00	.00	.00	.00	.19
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.02	.00	.00	.00	.00	.00	.00	.05
ALL SPEEDS	221	456	389	188	133	109	134	164	217	299	304	284	103	60	70	87	0	3218
(1)	6.87	14.17	12.09	5.84	4.13	3.39	4.16	5.10	6.74	9.29	9.45	8.83	3.20	1.86	2.18	2.70	.00	100.00
(2)	1.71	3.53	3.01	1.45	1.03	.84	1.04	1.27	1.68	2.31	2.35	2.20	.80	.46	.54	.67	.00	24.90

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-32— {SSES 197' (60-m) 2001-2006 Spring JFD - continued}

(Page 1 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 9.32

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	3
(1)	.08	.00	.00	.08	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.25
(2)	.01	.00	.00	.01	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	9	17	40	31	27	19	28	10	14	8	4	1	4	5	1	2	0	220
(1)	.75	1.41	3.32	2.57	2.24	1.58	2.32	.83	1.16	.66	.33	.08	.33	.41	.08	.17	.00	18.26
(2)	.07	.13	.31	.24	.21	.15	.22	.08	.11	.06	.03	.01	.03	.04	.01	.02	.00	1.70
1.1- 1.5	27	77	74	18	12	11	20	12	15	11	14	3	3	0	3	0	0	300
(1)	2.24	6.39	6.14	1.49	1.00	.91	1.66	1.00	1.24	.91	1.16	.25	.25	.00	.25	.00	.00	24.90
(2)	.21	.60	.57	.14	.09	.09	.15	.09	.12	.09	.11	.02	.02	.00	.02	.00	.00	2.32
1.6- 2.0	26	85	42	9	9	6	5	3	7	14	17	3	3	3	2	1	0	235
(1)	2.16	7.05	3.49	.75	.75	.50	.41	.25	.58	1.16	1.41	.25	.25	.25	.17	.08	.00	19.50
(2)	.20	.66	.32	.07	.07	.05	.04	.02	.05	.11	.13	.02	.02	.02	.02	.01	.00	1.82
2.1- 3.0	35	113	43	2	3	3	6	10	9	17	28	7	4	2	5	4	0	291
(1)	2.90	9.38	3.57	.17	.25	.25	.50	.83	.75	1.41	2.32	.58	.33	.17	.41	.33	.00	24.15
(2)	.27	.87	.33	.02	.02	.02	.05	.08	.07	.13	.22	.05	.03	.02	.04	.03	.00	2.25
3.1- 4.0	11	19	6	0	2	1	3	3	5	7	17	21	3	0	4	1	0	103
(1)	.91	1.58	.50	.00	.17	.08	.25	.25	.41	.58	1.41	1.74	.25	.00	.33	.08	.00	8.55
(2)	.09	.15	.05	.00	.02	.01	.02	.02	.04	.05	.13	.16	.02	.00	.03	.01	.00	.80
4.1- 5.0	1	3	2	0	0	0	0	0	0	5	2	15	0	0	0	1	0	29
(1)	.08	.25	.17	.00	.00	.00	.00	.00	.00	.41	.17	1.24	.00	.00	.00	.08	.00	2.41
(2)	.01	.02	.02	.00	.00	.00	.00	.00	.00	.04	.02	.12	.00	.00	.00	.01	.00	.22
5.1- 6.0	1	0	0	0	1	0	0	0	0	2	3	15	0	0	0	0	0	22
(1)	.08	.00	.00	.00	.08	.00	.00	.00	.00	.17	.25	1.24	.00	.00	.00	.00	.00	1.83
(2)	.01	.00	.00	.00	.01	.00	.00	.00	.00	.02	.02	.12	.00	.00	.00	.00	.00	.17
6.1- 8.0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2

Table 2.3-32— {SSES 197' (60-m) 2001-2006 Spring JFD - continued}

(Page 2 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 9.32**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.17
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	112	314	207	61	54	40	62	38	50	65	85	66	17	10	15	9	0	1205
(1)	9.29	26.06	17.18	5.06	4.48	3.32	5.15	3.15	4.15	5.39	7.05	5.48	1.41	.83	1.24	.75	.00	100.00
(2)	.87	2.43	1.60	.47	.42	.31	.48	.29	.39	.50	.66	.51	.13	.08	.12	.07	.00	9.32

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-32— {SSES 197' (60-m) 2001-2006 Spring JFD - continued}

(Page 1 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 8.03**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	3
(1)	.00	.00	.00	.10	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.00	.29
(2)	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.02
.5- 1.0	6	11	38	26	16	17	11	9	6	3	1	2	1	1	0	2	0	150
(1)	.58	1.06	3.66	2.50	1.54	1.64	1.06	.87	.58	.29	.10	.19	.10	.10	.00	.19	.00	14.45
(2)	.05	.09	.29	.20	.12	.13	.09	.07	.05	.02	.01	.02	.01	.01	.00	.02	.00	1.16
1.1- 1.5	13	53	75	23	16	12	13	11	8	9	5	1	1	0	0	2	0	242
(1)	1.25	5.11	7.23	2.22	1.54	1.16	1.25	1.06	.77	.87	.48	.10	.10	.00	.00	.19	.00	23.31
(2)	.10	.41	.58	.18	.12	.09	.10	.09	.06	.07	.04	.01	.01	.00	.00	.02	.00	1.87
1.6- 2.0	31	116	45	17	4	2	3	3	15	8	6	1	1	0	0	1	0	253
(1)	2.99	11.18	4.34	1.64	.39	.19	.29	.29	1.45	.77	.58	.10	.10	.00	.00	.10	.00	24.37
(2)	.24	.90	.35	.13	.03	.02	.02	.02	.12	.06	.05	.01	.01	.00	.00	.01	.00	1.96
2.1- 3.0	67	129	47	4	2	5	3	4	9	14	21	5	0	1	4	5	0	320
(1)	6.45	12.43	4.53	.39	.19	.48	.29	.39	.87	1.35	2.02	.48	.00	.10	.39	.48	.00	30.83
(2)	.52	1.00	.36	.03	.02	.04	.02	.03	.07	.11	.16	.04	.00	.01	.03	.04	.00	2.48
3.1- 4.0	11	14	5	0	0	0	3	0	2	9	6	2	0	0	0	1	0	53
(1)	1.06	1.35	.48	.00	.00	.00	.29	.00	.19	.87	.58	.19	.00	.00	.00	.10	.00	5.11
(2)	.09	.11	.04	.00	.00	.00	.02	.00	.02	.07	.05	.02	.00	.00	.00	.01	.00	.41
4.1- 5.0	3	0	0	0	0	0	0	1	1	2	0	5	0	0	0	0	0	12
(1)	.29	.00	.00	.00	.00	.00	.00	.10	.10	.19	.00	.48	.00	.00	.00	.00	.00	1.16
(2)	.02	.00	.00	.00	.00	.00	.00	.01	.01	.02	.00	.04	.00	.00	.00	.00	.00	.09
5.1- 6.0	0	0	0	0	0	0	0	1	0	1	1	2	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.10	.00	.10	.10	.19	.00	.00	.00	.00	.00	.48
(2)	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.01	.02	.00	.00	.00	.00	.00	.04
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-32— {SSES 197' (60-m) 2001-2006 Spring JFD - continued}
(Page 2 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 8.03**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	131	323	210	71	39	36	33	29	41	46	40	18	3	2	5	11	0	1038
(1)	12.62	31.12	20.23	6.84	3.76	3.47	3.18	2.79	3.95	4.43	3.85	1.73	.29	.19	.48	1.06	.00	100.00
(2)	1.01	2.50	1.62	.55	.30	.28	.26	.22	.32	.36	.31	.14	.02	.02	.04	.09	.00	8.03

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-32— {SSES 197' (60-m) 2001-2006 Spring JFD - continued}

(Page 1 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	1	0	0	3	1	0	2	1	1	1	0	0	0	0	1	0	0	11
(1)	.01	.00	.00	.02	.01	.00	.02	.01	.01	.01	.00	.00	.00	.00	.01	.00	.00	.09
(2)	.01	.00	.00	.02	.01	.00	.02	.01	.01	.01	.00	.00	.00	.00	.01	.00	.00	.09
.5- 1.0	41	74	154	121	103	74	85	61	55	43	27	16	15	11	5	12	0	897
(1)	.32	.57	1.19	.94	.80	.57	.66	.47	.43	.33	.21	.12	.12	.09	.04	.09	.00	6.94
(2)	.32	.57	1.19	.94	.80	.57	.66	.47	.43	.33	.21	.12	.12	.09	.04	.09	.00	6.94
1.1- 1.5	72	225	267	100	65	58	76	64	75	90	89	31	13	7	11	20	0	1263
(1)	.56	1.74	2.07	.77	.50	.45	.59	.50	.58	.70	.69	.24	.10	.05	.09	.15	.00	9.77
(2)	.56	1.74	2.07	.77	.50	.45	.59	.50	.58	.70	.69	.24	.10	.05	.09	.15	.00	9.77
1.6- 2.0	105	306	177	84	46	48	49	46	63	93	118	49	20	13	15	12	0	1244
(1)	.81	2.37	1.37	.65	.36	.37	.38	.36	.49	.72	.91	.38	.15	.10	.12	.09	.00	9.63
(2)	.81	2.37	1.37	.65	.36	.37	.38	.36	.49	.72	.91	.38	.15	.10	.12	.09	.00	9.63
2.1- 3.0	224	448	288	116	77	88	82	104	111	186	275	145	73	62	58	57	0	2394
(1)	1.73	3.47	2.23	.90	.60	.68	.63	.80	.86	1.44	2.13	1.12	.56	.48	.45	.44	.00	18.52
(2)	1.73	3.47	2.23	.90	.60	.68	.63	.80	.86	1.44	2.13	1.12	.56	.48	.45	.44	.00	18.52
3.1- 4.0	164	240	204	60	64	53	82	86	92	143	232	193	87	78	95	98	0	1971
(1)	1.27	1.86	1.58	.46	.50	.41	.63	.67	.71	1.11	1.80	1.49	.67	.60	.74	.76	.00	15.25
(2)	1.27	1.86	1.58	.46	.50	.41	.63	.67	.71	1.11	1.80	1.49	.67	.60	.74	.76	.00	15.25
4.1- 5.0	172	216	127	54	45	59	83	67	71	105	185	214	93	108	138	148	0	1885
(1)	1.33	1.67	.98	.42	.35	.46	.64	.52	.55	.81	1.43	1.66	.72	.84	1.07	1.15	.00	14.59
(2)	1.33	1.67	.98	.42	.35	.46	.64	.52	.55	.81	1.43	1.66	.72	.84	1.07	1.15	.00	14.59
5.1- 6.0	127	172	72	23	16	32	62	50	73	100	153	203	86	87	130	121	0	1507
(1)	.98	1.33	.56	.18	.12	.25	.48	.39	.56	.77	1.18	1.57	.67	.67	1.01	.94	.00	11.66
(2)	.98	1.33	.56	.18	.12	.25	.48	.39	.56	.77	1.18	1.57	.67	.67	1.01	.94	.00	11.66
6.1- 8.0	80	104	42	8	21	36	23	30	86	91	131	285	158	101	112	69	0	1377

Table 2.3-32— {SSES 197' (60-m) 2001-2006 Spring JFD - continued}
(Page 2 of 2)

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.62	.80	.32	.06	.16	.28	.18	.23	.67	.70	1.01	2.21	1.22	.78	.87	.53	.00	10.65
(2)	.62	.80	.32	.06	.16	.28	.18	.23	.67	.70	1.01	2.21	1.22	.78	.87	.53	.00	10.65
8.1-10.0	9	11	3	1	3	6	4	5	15	20	29	99	66	17	11	9	0	308
(1)	.07	.09	.02	.01	.02	.05	.03	.04	.12	.15	.22	.77	.51	.13	.09	.07	.00	2.38
(2)	.07	.09	.02	.01	.02	.05	.03	.04	.12	.15	.22	.77	.51	.13	.09	.07	.00	2.38
10.1-40.3	1	2	1	0	1	1	1	0	5	3	11	24	16	1	0	0	0	67
(1)	.01	.02	.01	.00	.01	.01	.01	.00	.04	.02	.09	.19	.12	.01	.00	.00	.00	.52
(2)	.01	.02	.01	.00	.01	.01	.01	.00	.04	.02	.09	.19	.12	.01	.00	.00	.00	.52
ALL SPEEDS	996	1798	1335	570	442	455	549	514	647	875	1250	1259	627	485	576	546	0	12924
(1)	7.71	13.91	10.33	4.41	3.42	3.52	4.25	3.98	5.01	6.77	9.67	9.74	4.85	3.75	4.46	4.22	.00	100.00
(2)	7.71	13.91	10.33	4.41	3.42	3.52	4.25	3.98	5.01	6.77	9.67	9.74	4.85	3.75	4.46	4.22	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-33— {SSES 197' (60-m) 2001-2006 Summer JFD}
(Page 1 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA | STABILITY CLASS A | CLASS FREQUENCY (PERCENT) = 8.67

	WIND DIRECTION FROM																	
SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	2	2	4	4	5	3	0	2	0	2	0	0	0	0	0	0	24
(1)	.00	.19	.19	.39	.39	.48	.29	.00	.19	.00	.19	.00	.00	.00	.00	.00	.00	2.33
(2)	.00	.02	.02	.03	.03	.04	.03	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.20
1.1- 1.5	0	2	17	10	7	4	6	1	8	14	7	1	0	1	1	0	0	79
(1)	.00	.19	1.65	.97	.68	.39	.58	.10	.78	1.36	.68	.10	.00	.10	.10	.00	.00	7.66
(2)	.00	.02	.14	.08	.06	.03	.05	.01	.07	.12	.06	.01	.00	.01	.01	.00	.00	.66
1.6- 2.0	3	6	14	16	8	6	9	5	7	8	7	2	1	1	0	0	0	93
(1)	.29	.58	1.36	1.55	.78	.58	.87	.48	.68	.78	.68	.19	.10	.10	.00	.00	.00	9.02
(2)	.03	.05	.12	.13	.07	.05	.08	.04	.06	.07	.06	.02	.01	.01	.00	.00	.00	.78
2.1- 3.0	5	15	24	5	2	4	11	4	7	27	43	11	1	0	2	0	0	161
(1)	.48	1.45	2.33	.48	.19	.39	1.07	.39	.68	2.62	4.17	1.07	.10	.00	.19	.00	.00	15.62
(2)	.04	.13	.20	.04	.02	.03	.09	.03	.06	.23	.36	.09	.01	.00	.02	.00	.00	1.35
3.1- 4.0	17	14	18	1	1	0	8	3	8	7	59	19	3	4	2	5	0	169
(1)	1.65	1.36	1.75	.10	.10	.00	.78	.29	.78	.68	5.72	1.84	.29	.39	.19	.48	.00	16.39
(2)	.14	.12	.15	.01	.01	.00	.07	.03	.07	.06	.50	.16	.03	.03	.02	.04	.00	1.42
4.1- 5.0	23	13	5	9	0	0	7	4	5	18	104	38	12	4	2	3	0	247
(1)	2.23	1.26	.48	.87	.00	.00	.68	.39	.48	1.75	10.09	3.69	1.16	.39	.19	.29	.00	23.96
(2)	.19	.11	.04	.08	.00	.00	.06	.03	.04	.15	.87	.32	.10	.03	.02	.03	.00	2.08
5.1- 6.0	6	14	1	1	0	0	5	2	6	8	72	53	11	0	1	2	0	182
(1)	.58	1.36	.10	.10	.00	.00	.48	.19	.58	.78	6.98	5.14	1.07	.00	.10	.19	.00	17.65
(2)	.05	.12	.01	.01	.00	.00	.04	.02	.05	.07	.61	.45	.09	.00	.01	.02	.00	1.53
6.1- 8.0	2	1	0	1	0	3	0	1	5	7	20	30	1	0	2	1	0	74

Table 2.3-33— {SSES 197' (60-m) 2001-2006 Summer JFD}

(Page 2 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 8.67**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.19	.10	.00	.10	.00	.29	.00	.10	.48	.68	1.94	2.91	.10	.00	.19	.10	.00	7.18
(2)	.02	.01	.00	.01	.00	.03	.00	.01	.04	.06	.17	.25	.01	.00	.02	.01	.00	.62
8.1-10.0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19	.00	.00	.00	.00	.00	.00	.19
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	56	67	81	47	22	22	49	20	48	89	316	154	29	10	10	11	0	1031
(1)	5.43	6.50	7.86	4.56	2.13	2.13	4.75	1.94	4.66	8.63	30.65	14.94	2.81	.97	.97	1.07	.00	100.00
(2)	.47	.56	.68	.40	.18	.18	.41	.17	.40	.75	2.66	1.29	.24	.08	.08	.09	.00	8.67

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-33— {SSES 197' (60-m) 2001-2006 Summer JFD - continued}

(Page 1 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 4.40**

	WIND DIRECTION FROM																	
SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	1	4	2	3	2	1	1	1	0	0	0	0	0	0	0	15
(1)	.00	.00	.19	.76	.38	.57	.38	.19	.19	.19	.00	.00	.00	.00	.00	.00	.00	2.87
(2)	.00	.00	.01	.03	.02	.03	.02	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.13
1.1- 1.5	1	3	6	6	5	2	1	1	1	2	1	1	0	0	1	0	0	31
(1)	.19	.57	1.15	1.15	.96	.38	.19	.19	.19	.38	.19	.19	.00	.00	.19	.00	.00	5.93
(2)	.01	.03	.05	.05	.04	.02	.01	.01	.01	.02	.01	.01	.00	.00	.01	.00	.00	.26
1.6- 2.0	2	8	7	4	0	4	1	0	0	2	5	0	0	0	1	2	0	36
(1)	.38	1.53	1.34	.76	.00	.76	.19	.00	.00	.38	.96	.00	.00	.00	.19	.38	.00	6.88
(2)	.02	.07	.06	.03	.00	.03	.01	.00	.00	.02	.04	.00	.00	.00	.01	.02	.00	.30
2.1- 3.0	5	16	10	7	2	1	3	2	3	6	19	1	1	1	1	1	0	79
(1)	.96	3.06	1.91	1.34	.38	.19	.57	.38	.57	1.15	3.63	.19	.19	.19	.19	.19	.00	15.11
(2)	.04	.13	.08	.06	.02	.01	.03	.02	.03	.05	.16	.01	.01	.01	.01	.01	.00	.66
3.1- 4.0	9	18	7	5	0	0	4	1	2	9	36	11	1	3	1	2	0	109
(1)	1.72	3.44	1.34	.96	.00	.00	.76	.19	.38	1.72	6.88	2.10	.19	.57	.19	.38	.00	20.84
(2)	.08	.15	.06	.04	.00	.00	.03	.01	.02	.08	.30	.09	.01	.03	.01	.02	.00	.92
4.1- 5.0	7	10	2	0	1	0	2	3	5	4	45	19	12	4	3	6	0	123
(1)	1.34	1.91	.38	.00	.19	.00	.38	.57	.96	.76	8.60	3.63	2.29	.76	.57	1.15	.00	23.52
(2)	.06	.08	.02	.00	.01	.00	.02	.03	.04	.03	.38	.16	.10	.03	.03	.05	.00	1.03
5.1- 6.0	8	4	0	0	0	0	2	0	1	9	28	19	5	0	2	6	0	84
(1)	1.53	.76	.00	.00	.00	.00	.38	.00	.19	1.72	5.35	3.63	.96	.00	.38	1.15	.00	16.06
(2)	.07	.03	.00	.00	.00	.00	.02	.00	.01	.08	.24	.16	.04	.00	.02	.05	.00	.71
6.1- 8.0	3	2	0	0	0	1	0	0	1	5	10	17	3	0	0	1	0	43

Table 2.3-33— {SSES 197' (60-m) 2001-2006 Summer JFD - continued}

(Page 2 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 4.40**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.57	.38	.00	.00	.00	.19	.00	.00	.19	.96	1.91	3.25	.57	.00	.00	.19	.00	8.22
(2)	.03	.02	.00	.00	.00	.01	.00	.00	.01	.04	.08	.14	.03	.00	.00	.01	.00	.36
8.1-10.0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	3
(1)	.19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19	.19	.00	.00	.00	.00	.00	.57
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.03
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	36	61	33	26	10	11	15	8	14	38	145	69	22	8	9	18	0	523
(1)	6.88	11.66	6.31	4.97	1.91	2.10	2.87	1.53	2.68	7.27	27.72	13.19	4.21	1.53	1.72	3.44	.00	100.00
(2)	.30	.51	.28	.22	.08	.09	.13	.07	.12	.32	1.22	.58	.18	.07	.08	.15	.00	4.40

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-33— {SSES 197' (60-m) 2001-2006 Summer JFD - continued}

(Page 1 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 5.57**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	3	6	4	0	0	0	6	2	2	0	0	0	0	0	0	23
(1)	.00	.00	.45	.91	.60	.00	.00	.00	.91	.30	.30	.00	.00	.00	.00	.00	.00	3.47
(2)	.00	.00	.03	.05	.03	.00	.00	.00	.05	.02	.02	.00	.00	.00	.00	.00	.00	.19
1.1- 1.5	1	5	4	6	7	4	2	3	2	7	3	1	0	1	0	1	0	47
(1)	.15	.76	.60	.91	1.06	.60	.30	.45	.30	1.06	.45	.15	.00	.15	.00	.15	.00	7.10
(2)	.01	.04	.03	.05	.06	.03	.02	.03	.02	.06	.03	.01	.00	.01	.00	.01	.00	.40
1.6- 2.0	5	12	7	6	5	1	1	1	4	8	6	1	2	0	0	2	0	61
(1)	.76	1.81	1.06	.91	.76	.15	.15	.15	.60	1.21	.91	.15	.30	.00	.00	.30	.00	9.21
(2)	.04	.10	.06	.05	.04	.01	.01	.01	.03	.07	.05	.01	.02	.00	.00	.02	.00	.51
2.1- 3.0	8	17	8	8	0	2	4	3	5	11	22	8	1	4	3	5	0	109
(1)	1.21	2.57	1.21	1.21	.00	.30	.60	.45	.76	1.66	3.32	1.21	.15	.60	.45	.76	.00	16.47
(2)	.07	.14	.07	.07	.00	.02	.03	.03	.04	.09	.18	.07	.01	.03	.03	.04	.00	.92
3.1- 4.0	14	11	8	0	1	1	3	1	2	11	37	20	3	3	9	7	0	131
(1)	2.11	1.66	1.21	.00	.15	.15	.45	.15	.30	1.66	5.59	3.02	.45	.45	1.36	1.06	.00	19.79
(2)	.12	.09	.07	.00	.01	.01	.03	.01	.02	.09	.31	.17	.03	.03	.08	.06	.00	1.10
4.1- 5.0	13	4	2	1	0	2	1	1	8	9	50	22	6	5	9	8	0	141
(1)	1.96	.60	.30	.15	.00	.30	.15	.15	1.21	1.36	7.55	3.32	.91	.76	1.36	1.21	.00	21.30
(2)	.11	.03	.02	.01	.00	.02	.01	.01	.07	.08	.42	.18	.05	.04	.08	.07	.00	1.19
5.1- 6.0	3	3	0	0	0	0	1	2	2	5	16	23	8	1	4	6	0	74
(1)	.45	.45	.00	.00	.00	.00	.15	.30	.30	.76	2.42	3.47	1.21	.15	.60	.91	.00	11.18
(2)	.03	.03	.00	.00	.00	.00	.01	.02	.02	.04	.13	.19	.07	.01	.03	.05	.00	.62
6.1- 8.0	1	4	0	0	0	0	0	0	1	6	15	32	1	3	6	2	0	71

Table 2.3-33— {SSES 197' (60-m) 2001-2006 Summer JFD - continued}
(Page 2 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 5.57**
WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.15	.60	.00	.00	.00	.00	.00	.00	.15	.91	2.27	4.83	.15	.45	.91	.30	.00	10.73
(2)	.01	.03	.00	.00	.00	.00	.00	.00	.01	.05	.13	.27	.01	.03	.05	.02	.00	.60
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.15	.60	.00	.00	.00	.00	.00	.76
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.03	.00	.00	.00	.00	.00	.04
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	45	56	32	27	17	10	12	11	30	59	152	111	21	17	31	31	0	662
(1)	6.80	8.46	4.83	4.08	2.57	1.51	1.81	1.66	4.53	8.91	22.96	16.77	3.17	2.57	4.68	4.68	.00	100.00
(2)	.38	.47	.27	.23	.14	.08	.10	.09	.25	.50	1.28	.93	.18	.14	.26	.26	.00	5.57

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-33— {SSES 197' (60-m) 2001-2006 Summer JFD - continued}

(Page 1 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 31.42**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
(2)	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.2- .4	0	2	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	6
(1)	.00	.05	.00	.03	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16
(2)	.00	.02	.00	.01	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
.5- 1.0	6	27	50	44	31	30	28	26	31	15	15	10	1	1	2	3	0	320
(1)	.16	.72	1.34	1.18	.83	.80	.75	.70	.83	.40	.40	.27	.03	.03	.05	.08	.00	8.56
(2)	.05	.23	.42	.37	.26	.25	.24	.22	.26	.13	.13	.08	.01	.01	.02	.03	.00	2.69
1.1- 1.5	14	57	64	34	23	17	19	19	36	43	44	17	5	3	3	7	0	405
(1)	.37	1.52	1.71	.91	.62	.45	.51	.51	.96	1.15	1.18	.45	.13	.08	.08	.19	.00	10.83
(2)	.12	.48	.54	.29	.19	.14	.16	.16	.30	.36	.37	.14	.04	.03	.03	.06	.00	3.40
1.6- 2.0	25	49	43	27	22	17	17	19	24	63	70	33	4	1	3	6	0	423
(1)	.67	1.31	1.15	.72	.59	.45	.45	.51	.64	1.69	1.87	.88	.11	.03	.08	.16	.00	11.32
(2)	.21	.41	.36	.23	.18	.14	.14	.16	.20	.53	.59	.28	.03	.01	.03	.05	.00	3.56
2.1- 3.0	57	92	57	39	37	27	39	27	29	81	156	44	16	20	19	26	0	766
(1)	1.52	2.46	1.52	1.04	.99	.72	1.04	.72	.78	2.17	4.17	1.18	.43	.54	.51	.70	.00	20.49
(2)	.48	.77	.48	.33	.31	.23	.33	.23	.24	.68	1.31	.37	.13	.17	.16	.22	.00	6.44
3.1- 4.0	58	65	42	10	15	19	31	38	29	49	121	71	25	19	41	41	0	674
(1)	1.55	1.74	1.12	.27	.40	.51	.83	1.02	.78	1.31	3.24	1.90	.67	.51	1.10	1.10	.00	18.03
(2)	.49	.55	.35	.08	.13	.16	.26	.32	.24	.41	1.02	.60	.21	.16	.34	.34	.00	5.67
4.1- 5.0	36	60	26	1	8	19	14	23	53	39	131	94	20	19	39	45	0	627
(1)	.96	1.61	.70	.03	.21	.51	.37	.62	1.42	1.04	3.50	2.51	.54	.51	1.04	1.20	.00	16.77
(2)	.30	.50	.22	.01	.07	.16	.12	.19	.45	.33	1.10	.79	.17	.16	.33	.38	.00	5.27
5.1- 6.0	16	32	4	0	3	6	6	9	29	35	66	73	13	4	17	21	0	334
(1)	.43	.86	.11	.00	.08	.16	.16	.24	.78	.94	1.77	1.95	.35	.11	.45	.56	.00	8.94
(2)	.13	.27	.03	.00	.03	.05	.05	.08	.24	.29	.55	.61	.11	.03	.14	.18	.00	2.81
6.1- 8.0	4	7	1	0	2	3	2	1	9	20	38	63	5	1	4	5	0	165

Table 2.3-33— {SSES 197' (60-m) 2001-2006 Summer JFD - continued}
(Page 2 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 31.42**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.11	.19	.03	.00	.05	.08	.05	.03	.24	.54	1.02	1.69	.13	.03	.11	.13	.00	4.41
(2)	.03	.06	.01	.00	.02	.03	.02	.01	.08	.17	.32	.53	.04	.01	.03	.04	.00	1.39
8.1-10.0	0	0	0	0	0	0	0	0	1	2	3	11	0	0	0	0	0	17
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.03	.05	.08	.29	.00	.00	.00	.00	.00	.45
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.03	.09	.00	.00	.00	.00	.00	.14
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	216	391	287	156	145	138	156	162	241	347	644	416	89	68	128	154	0	3738
(1)	5.78	10.46	7.68	4.17	3.88	3.69	4.17	4.33	6.45	9.28	17.23	11.13	2.38	1.82	3.42	4.12	.00	100.00
(2)	1.82	3.29	2.41	1.31	1.22	1.16	1.31	1.36	2.03	2.92	5.41	3.50	.75	.57	1.08	1.29	.00	31.42

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-33— {SSES 197' (60-m) 2001-2006 Summer JFD - continued}
(Page 1 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 30.29**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
(2)	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.2- .4	0	0	2	3	2	3	3	2	0	1	0	0	0	0	0	0	0	16
(1)	.00	.00	.06	.08	.06	.08	.08	.06	.00	.03	.00	.00	.00	.00	.00	.00	.00	.44
(2)	.00	.00	.02	.03	.02	.03	.03	.02	.00	.01	.00	.00	.00	.00	.00	.00	.00	.13
.5- 1.0	17	57	118	69	61	56	49	37	43	22	15	7	1	1	3	6	0	562
(1)	.47	1.58	3.28	1.92	1.69	1.55	1.36	1.03	1.19	.61	.42	.19	.03	.03	.08	.17	.00	15.60
(2)	.14	.48	.99	.58	.51	.47	.41	.31	.36	.18	.13	.06	.01	.01	.03	.05	.00	4.72
1.1- 1.5	26	119	154	44	43	23	38	35	45	44	31	15	7	4	2	5	0	635
(1)	.72	3.30	4.27	1.22	1.19	.64	1.05	.97	1.25	1.22	.86	.42	.19	.11	.06	.14	.00	17.62
(2)	.22	1.00	1.29	.37	.36	.19	.32	.29	.38	.37	.26	.13	.06	.03	.02	.04	.00	5.34
1.6- 2.0	45	205	87	21	20	12	23	21	34	40	45	13	4	4	4	4	0	582
(1)	1.25	5.69	2.41	.58	.56	.33	.64	.58	.94	1.11	1.25	.36	.11	.11	.11	.11	.00	16.15
(2)	.38	1.72	.73	.18	.17	.10	.19	.18	.29	.34	.38	.11	.03	.03	.03	.03	.00	4.89
2.1- 3.0	87	227	81	37	27	20	28	38	44	57	108	40	5	9	9	13	0	830
(1)	2.41	6.30	2.25	1.03	.75	.56	.78	1.05	1.22	1.58	3.00	1.11	.14	.25	.25	.36	.00	23.04
(2)	.73	1.91	.68	.31	.23	.17	.24	.32	.37	.48	.91	.34	.04	.08	.08	.11	.00	6.98
3.1- 4.0	29	62	52	5	12	9	22	33	44	87	81	45	8	7	10	15	0	521
(1)	.80	1.72	1.44	.14	.33	.25	.61	.92	1.22	2.41	2.25	1.25	.22	.19	.28	.42	.00	14.46
(2)	.24	.52	.44	.04	.10	.08	.18	.28	.37	.73	.68	.38	.07	.06	.08	.13	.00	4.38
4.1- 5.0	13	19	10	1	2	5	8	6	33	57	53	48	2	3	13	10	0	283
(1)	.36	.53	.28	.03	.06	.14	.22	.17	.92	1.58	1.47	1.33	.06	.08	.36	.28	.00	7.85
(2)	.11	.16	.08	.01	.02	.04	.07	.05	.28	.48	.45	.40	.02	.03	.11	.08	.00	2.38
5.1- 6.0	2	11	1	0	0	0	4	3	10	16	22	38	2	2	10	5	0	126
(1)	.06	.31	.03	.00	.00	.00	.11	.08	.28	.44	.61	1.05	.06	.06	.28	.14	.00	3.50
(2)	.02	.09	.01	.00	.00	.00	.03	.03	.08	.13	.18	.32	.02	.02	.08	.04	.00	1.06
6.1- 8.0	1	3	2	0	0	0	0	4	6	7	9	4	1	0	1	2	0	40

Table 2.3-33— {SSES 197' (60-m) 2001-2006 Summer JFD - continued}

(Page 2 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 30.29**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.03	.08	.06	.00	.00	.00	.00	.11	.17	.19	.25	.11	.03	.00	.03	.06	.00	1.11
(2)	.01	.03	.02	.00	.00	.00	.00	.03	.05	.06	.08	.03	.01	.00	.01	.02	.00	.34
8.1-10.0	0	0	0	0	0	0	0	1	5	0	0	1	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.00	.03	.14	.00	.00	.03	.00	.00	.00	.00	.00	.19
(2)	.00	.00	.00	.00	.00	.00	.00	.01	.04	.00	.00	.01	.00	.00	.00	.00	.00	.06
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	220	703	508	180	167	128	175	180	264	331	364	211	30	30	52	60	0	3603
(1)	6.11	19.51	14.10	5.00	4.64	3.55	4.86	5.00	7.33	9.19	10.10	5.86	.83	.83	1.44	1.67	.00	100.00
(2)	1.85	5.91	4.27	1.51	1.40	1.08	1.47	1.51	2.22	2.78	3.06	1.77	.25	.25	.44	.50	.00	30.29

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-33— {SSES 197' (60-m) 2001-2006 Summer JFD - continued}

(Page 1 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 14.71**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	3	3	0	1	0	1	0	0	0	0	0	0	0	0	0	8
(1)	.00	.00	.17	.17	.00	.06	.00	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.46
(2)	.00	.00	.03	.03	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	6	26	63	43	38	39	29	19	8	3	5	4	2	0	1	1	0	287
(1)	.34	1.49	3.60	2.46	2.17	2.23	1.66	1.09	.46	.17	.29	.23	.11	.00	.06	.06	.00	16.40
(2)	.05	.22	.53	.36	.32	.33	.24	.16	.07	.03	.04	.03	.02	.00	.01	.01	.00	2.41
1.1- 1.5	19	135	114	40	32	23	24	26	40	14	5	1	1	1	1	3	0	479
(1)	1.09	7.71	6.51	2.29	1.83	1.31	1.37	1.49	2.29	.80	.29	.06	.06	.06	.06	.17	.00	27.37
(2)	.16	1.13	.96	.34	.27	.19	.20	.22	.34	.12	.04	.01	.01	.01	.01	.03	.00	4.03
1.6- 2.0	30	216	68	10	6	5	6	6	13	21	8	5	1	0	0	1	0	396
(1)	1.71	12.34	3.89	.57	.34	.29	.34	.34	.74	1.20	.46	.29	.06	.00	.00	.06	.00	22.63
(2)	.25	1.82	.57	.08	.05	.04	.05	.05	.11	.18	.07	.04	.01	.00	.00	.01	.00	3.33
2.1- 3.0	69	260	19	0	6	3	1	2	7	24	32	5	1	3	5	2	0	439
(1)	3.94	14.86	1.09	.00	.34	.17	.06	.11	.40	1.37	1.83	.29	.06	.17	.29	.11	.00	25.09
(2)	.58	2.19	.16	.00	.05	.03	.01	.02	.06	.20	.27	.04	.01	.03	.04	.02	.00	3.69
3.1- 4.0	12	15	3	0	2	1	1	3	1	11	26	14	1	0	1	0	0	91
(1)	.69	.86	.17	.00	.11	.06	.06	.17	.06	.63	1.49	.80	.06	.00	.06	.00	.00	5.20
(2)	.10	.13	.03	.00	.02	.01	.01	.03	.01	.09	.22	.12	.01	.00	.01	.00	.00	.77
4.1- 5.0	3	1	1	0	0	0	0	0	2	2	9	23	0	0	2	0	0	43
(1)	.17	.06	.06	.00	.00	.00	.00	.00	.11	.11	.51	1.31	.00	.00	.11	.00	.00	2.46
(2)	.03	.01	.01	.00	.00	.00	.00	.00	.02	.02	.08	.19	.00	.00	.02	.00	.00	.36
5.1- 6.0	0	0	0	0	0	0	0	0	0	1	1	4	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.06	.23	.00	.00	.00	.00	.00	.34
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.03	.00	.00	.00	.00	.00	.05
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

Table 2.3-33— {SSES 197' (60-m) 2001-2006 Summer JFD - continued}

(Page 2 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 14.71**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.00	.00	.06
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	139	653	271	96	84	72	61	57	71	76	86	56	6	4	11	7	0	1750
(1)	7.94	37.31	15.49	5.49	4.80	4.11	3.49	3.26	4.06	4.34	4.91	3.20	.34	.23	.63	.40	.00	100.00
(2)	1.17	5.49	2.28	.81	.71	.61	.51	.48	.60	.64	.72	.47	.05	.03	.09	.06	.00	14.71

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-33— {SSES 197' (60-m) 2001-2006 Summer JFD - continued}

(Page 1 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 4.94**

	WIND DIRECTION FROM																	
SPEED m/s	**N**	**NNE**	**NE**	**ENE**	**E**	**ESE**	**SE**	**SSE**	**S**	**SSW**	**SW**	**WSW**	**W**	**WNW**	**NW**	**NNW**	**VRBL**	**TOTAL**
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.17
(2)	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.5- 1.0	3	5	9	19	12	14	5	11	1	1	1	0	0	0	0	1	0	82
(1)	.51	.85	1.53	3.23	2.04	2.38	.85	1.87	.17	.17	.17	.00	.00	.00	.00	.17	.00	13.95
(2)	.03	.04	.08	.16	.10	.12	.04	.09	.01	.01	.01	.00	.00	.00	.00	.01	.00	.69
1.1- 1.5	4	45	54	19	10	10	13	9	11	8	5	0	0	1	1	0	0	190
(1)	.68	7.65	9.18	3.23	1.70	1.70	2.21	1.53	1.87	1.36	.85	.00	.00	.17	.17	.00	.00	32.31
(2)	.03	.38	.45	.16	.08	.08	.11	.08	.09	.07	.04	.00	.00	.01	.01	.00	.00	1.60
1.6- 2.0	9	78	31	5	1	2	2	0	4	8	6	1	0	0	1	0	0	148
(1)	1.53	13.27	5.27	.85	.17	.34	.34	.00	.68	1.36	1.02	.17	.00	.00	.17	.00	.00	25.17
(2)	.08	.66	.26	.04	.01	.02	.02	.00	.03	.07	.05	.01	.00	.00	.01	.00	.00	1.24
2.1- 3.0	24	65	13	0	0	0	0	0	3	15	11	1	0	1	2	1	0	136
(1)	4.08	11.05	2.21	.00	.00	.00	.00	.00	.51	2.55	1.87	.17	.00	.17	.34	.17	.00	23.13
(2)	.20	.55	.11	.00	.00	.00	.00	.00	.03	.13	.09	.01	.00	.01	.02	.01	.00	1.14
3.1- 4.0	9	6	0	0	0	0	0	0	0	3	5	4	0	1	1	0	0	29
(1)	1.53	1.02	.00	.00	.00	.00	.00	.00	.00	.51	.85	.68	.00	.17	.17	.00	.00	4.93
(2)	.08	.05	.00	.00	.00	.00	.00	.00	.00	.03	.04	.03	.00	.01	.01	.00	.00	.24
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.17	.00	.00	.17	.00	.00	.34
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.00	.00	.02
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-33— {SSES 197' (60-m) 2001-2006 Summer JFD - continued}

(Page 2 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 4.94**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	49	199	107	43	23	27	20	20	19	35	28	7	0	3	6	2	0	588
(1)	8.33	33.84	18.20	7.31	3.91	4.59	3.40	3.40	3.23	5.95	4.76	1.19	.00	.51	1.02	.34	.00	100.00
(2)	.41	1.67	.90	.36	.19	.23	.17	.17	.16	.29	.24	.06	.00	.03	.05	.02	.00	4.94

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-33— {SSES 197' (60-m) 2001-2006 Summer JFD - continued}

(Page 1 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	0	2	5	7	5	5	3	3	0	1	0	0	0	0	0	0	0	31
(1)	.00	.02	.04	.06	.04	.04	.03	.03	.00	.01	.00	.00	.00	.00	.00	.00	.00	.26
(2)	.00	.02	.04	.06	.04	.04	.03	.03	.00	.01	.00	.00	.00	.00	.00	.00	.00	.26
.5- 1.0	32	117	246	189	152	147	116	94	92	44	40	21	4	2	6	11	0	1313
(1)	.27	.98	2.07	1.59	1.28	1.24	.98	.79	.77	.37	.34	.18	.03	.02	.05	.09	.00	11.04
(2)	.27	.98	2.07	1.59	1.28	1.24	.98	.79	.77	.37	.34	.18	.03	.02	.05	.09	.00	11.04
1.1- 1.5	65	366	413	159	127	83	103	94	143	132	96	36	13	11	9	16	0	1866
(1)	.55	3.08	3.47	1.34	1.07	.70	.87	.79	1.20	1.11	.81	.30	.11	.09	.08	.13	.00	15.69
(2)	.55	3.08	3.47	1.34	1.07	.70	.87	.79	1.20	1.11	.81	.30	.11	.09	.08	.13	.00	15.69
1.6- 2.0	119	574	257	89	62	47	59	52	86	150	147	55	12	6	9	15	0	1739
(1)	1.00	4.83	2.16	.75	.52	.40	.50	.44	.72	1.26	1.24	.46	.10	.05	.08	.13	.00	14.62
(2)	1.00	4.83	2.16	.75	.52	.40	.50	.44	.72	1.26	1.24	.46	.10	.05	.08	.13	.00	14.62
2.1- 3.0	255	692	212	96	74	57	86	76	98	221	391	110	25	38	41	48	0	2520
(1)	2.14	5.82	1.78	.81	.62	.48	.72	.64	.82	1.86	3.29	.92	.21	.32	.34	.40	.00	21.19
(2)	2.14	5.82	1.78	.81	.62	.48	.72	.64	.82	1.86	3.29	.92	.21	.32	.34	.40	.00	21.19
3.1- 4.0	148	191	130	21	31	30	69	79	86	177	365	184	41	37	65	70	0	1724
(1)	1.24	1.61	1.09	.18	.26	.25	.58	.66	.72	1.49	3.07	1.55	.34	.31	.55	.59	.00	14.49
(2)	1.24	1.61	1.09	.18	.26	.25	.58	.66	.72	1.49	3.07	1.55	.34	.31	.55	.59	.00	14.49
4.1- 5.0	95	107	46	12	11	26	32	37	106	129	392	245	52	35	69	72	0	1466
(1)	.80	.90	.39	.10	.09	.22	.27	.31	.89	1.08	3.30	2.06	.44	.29	.58	.61	.00	12.32
(2)	.80	.90	.39	.10	.09	.22	.27	.31	.89	1.08	3.30	2.06	.44	.29	.58	.61	.00	12.32
5.1- 6.0	35	64	6	1	3	6	18	16	48	74	205	210	39	7	34	40	0	806
(1)	.29	.54	.05	.01	.03	.05	.15	.13	.40	.62	1.72	1.77	.33	.06	.29	.34	.00	6.78
(2)	.29	.54	.05	.01	.03	.05	.15	.13	.40	.62	1.72	1.77	.33	.06	.29	.34	.00	6.78
6.1- 8.0	11	17	3	1	2	7	2	6	22	45	92	146	11	4	14	11	0	394

Table 2.3-33— {SSES 197' (60-m) 2001-2006 Summer JFD - continued}

(Page 2 of 2)

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.09	.14	.03	.01	.02	.06	.02	.05	.18	.38	.77	1.23	.09	.03	.12	.09	.00	3.31
(2)	.09	.14	.03	.01	.02	.06	.02	.05	.18	.38	.77	1.23	.09	.03	.12	.09	.00	3.31
8.1-10.0	1	0	0	0	0	0	0	1	6	2	7	17	0	0	0	0	0	34
(1)	.01	.00	.00	.00	.00	.00	.00	.01	.05	.02	.06	.14	.00	.00	.00	.00	.00	.29
(2)	.01	.00	.00	.00	.00	.00	.00	.01	.05	.02	.06	.14	.00	.00	.00	.00	.00	.29
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	761	2130	1319	575	468	408	488	458	687	975	1735	1024	197	140	247	283	0	11895
(1)	6.40	17.91	11.09	4.83	3.93	3.43	4.10	3.85	5.78	8.20	14.59	8.61	1.66	1.18	2.08	2.38	.00	100.00
(2)	6.40	17.91	11.09	4.83	3.93	3.43	4.10	3.85	5.78	8.20	14.59	8.61	1.66	1.18	2.08	2.38	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-34— {SSES 197' (60-m) 2001-2006 Autumn JFD}

(Page 1 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 3.51**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	2	3	3	3	2	1	3	2	1	0	0	0	1	0	0	21
(1)	.00	.00	.44	.67	.67	.67	.44	.22	.67	.44	.22	.00	.00	.00	.22	.00	.00	4.67
(2)	.00	.00	.02	.02	.02	.02	.02	.01	.02	.02	.01	.00	.00	.00	.01	.00	.00	.16
1.1- 1.5	1	2	4	6	3	3	1	2	6	4	4	0	0	0	0	0	0	36
(1)	.22	.44	.89	1.33	.67	.67	.22	.44	1.33	.89	.89	.00	.00	.00	.00	.00	.00	8.00
(2)	.01	.02	.03	.05	.02	.02	.01	.02	.05	.03	.03	.00	.00	.00	.00	.00	.00	.28
1.6- 2.0	0	6	5	6	2	2	4	6	4	8	8	4	0	0	0	0	0	55
(1)	.00	1.33	1.11	1.33	.44	.44	.89	1.33	.89	1.78	1.78	.89	.00	.00	.00	.00	.00	12.22
(2)	.00	.05	.04	.05	.02	.02	.03	.05	.03	.06	.06	.03	.00	.00	.00	.00	.00	.43
2.1- 3.0	1	11	9	2	1	1	3	8	5	11	21	5	0	0	2	1	0	81
(1)	.22	2.44	2.00	.44	.22	.22	.67	1.78	1.11	2.44	4.67	1.11	.00	.00	.44	.22	.00	18.00
(2)	.01	.09	.07	.02	.01	.01	.02	.06	.04	.09	.16	.04	.00	.00	.02	.01	.00	.63
3.1- 4.0	2	4	4	0	0	0	3	4	3	14	31	6	2	0	3	3	0	79
(1)	.44	.89	.89	.00	.00	.00	.67	.89	.67	3.11	6.89	1.33	.44	.00	.67	.67	.00	17.56
(2)	.02	.03	.03	.00	.00	.00	.02	.03	.02	.11	.24	.05	.02	.00	.02	.02	.00	.62
4.1- 5.0	6	8	2	0	0	0	0	6	11	13	28	8	1	2	0	2	0	87
(1)	1.33	1.78	.44	.00	.00	.00	.00	1.33	2.44	2.89	6.22	1.78	.22	.44	.00	.44	.00	19.33
(2)	.05	.06	.02	.00	.00	.00	.00	.05	.09	.10	.22	.06	.01	.02	.00	.02	.00	.68
5.1- 6.0	2	3	4	0	0	0	0	6	7	5	20	8	0	0	0	0	0	55
(1)	.44	.67	.89	.00	.00	.00	.00	1.33	1.56	1.11	4.44	1.78	.00	.00	.00	.00	.00	12.22
(2)	.02	.02	.03	.00	.00	.00	.00	.05	.05	.04	.16	.06	.00	.00	.00	.00	.00	.43
6.1- 8.0	0	0	0	0	0	0	0	2	7	7	9	7	0	0	0	0	0	32

Table 2.3-34— {SSES 197' (60-m) 2001-2006 Autumn JFD}

(Page 2 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 3.51**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.44	1.56	1.56	2.00	1.56	.00	.00	.00	.00	.00	7.11
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.05	.05	.07	.05	.00	.00	.00	.00	.00	.25
8.1-10.0	0	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.22	.00	.00	.67	.00	.00	.00	.00	.00	.00	.00	.89
(2)	.00	.00	.00	.00	.00	.00	.01	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.03
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	12	34	30	17	9	9	14	35	46	67	122	38	3	2	6	6	0	450
(1)	2.67	7.56	6.67	3.78	2.00	2.00	3.11	7.78	10.22	14.89	27.11	8.44	.67	.44	1.33	1.33	.00	100.00
(2)	.09	.27	.23	.13	.07	.07	.11	.27	.36	.52	.95	.30	.02	.02	.05	.05	.00	3.51

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-34— {SSES 197' (60-m) 2001-2006 Autumn JFD - continued}

(Page 1 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 2.52**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	2	1	0	1	0	1	1	2	0	1	0	0	0	0	0	9
(1)	.00	.00	.62	.31	.00	.31	.00	.31	.31	.62	.00	.31	.00	.00	.00	.00	.00	2.79
(2)	.00	.00	.02	.01	.00	.01	.00	.01	.01	.02	.00	.01	.00	.00	.00	.00	.00	.07
1.1- 1.5	2	2	2	3	0	3	2	0	0	4	0	0	0	0	0	0	0	18
(1)	.62	.62	.62	.93	.00	.93	.62	.00	.00	1.24	.00	.00	.00	.00	.00	.00	.00	5.57
(2)	.02	.02	.02	.02	.00	.02	.02	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.14
1.6- 2.0	1	4	4	3	0	1	0	0	3	4	4	0	0	0	0	0	0	24
(1)	.31	1.24	1.24	.93	.00	.31	.00	.00	.93	1.24	1.24	.00	.00	.00	.00	.00	.00	7.43
(2)	.01	.03	.03	.02	.00	.01	.00	.00	.02	.03	.03	.00	.00	.00	.00	.00	.00	.19
2.1- 3.0	2	2	6	1	0	1	2	1	3	8	16	3	1	0	0	3	0	49
(1)	.62	.62	1.86	.31	.00	.31	.62	.31	.93	2.48	4.95	.93	.31	.00	.00	.93	.00	15.17
(2)	.02	.02	.05	.01	.00	.01	.02	.01	.02	.06	.12	.02	.01	.00	.00	.02	.00	.38
3.1- 4.0	2	5	4	0	0	0	0	3	1	5	24	4	2	1	3	0	0	54
(1)	.62	1.55	1.24	.00	.00	.00	.00	.93	.31	1.55	7.43	1.24	.62	.31	.93	.00	.00	16.72
(2)	.02	.04	.03	.00	.00	.00	.00	.02	.01	.04	.19	.03	.02	.01	.02	.00	.00	.42
4.1- 5.0	3	8	3	0	0	0	3	1	4	4	19	12	4	4	2	6	0	73
(1)	.93	2.48	.93	.00	.00	.00	.93	.31	1.24	1.24	5.88	3.72	1.24	1.24	.62	1.86	.00	22.60
(2)	.02	.06	.02	.00	.00	.00	.02	.01	.03	.03	.15	.09	.03	.03	.02	.05	.00	.57
5.1- 6.0	1	4	0	0	0	0	1	1	2	3	13	8	7	2	0	1	0	43
(1)	.31	1.24	.00	.00	.00	.00	.31	.31	.62	.93	4.02	2.48	2.17	.62	.00	.31	.00	13.31
(2)	.01	.03	.00	.00	.00	.00	.01	.01	.02	.02	.10	.06	.05	.02	.00	.01	.00	.34
6.1- 8.0	0	0	0	0	0	0	1	4	0	2	10	17	3	0	0	0	0	37

Table 2.3-34— {SSES 197' (60-m) 2001-2006 Autumn JFD - continued}

(Page 2 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 2.52**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.31	1.24	.00	.62	3.10	5.26	.93	.00	.00	.00	.00	11.46
(2)	.00	.00	.00	.00	.00	.00	.01	.03	.00	.02	.08	.13	.02	.00	.00	.00	.00	.29
8.1-10.0	0	0	0	0	0	0	0	0	0	4	5	4	0	0	1	0	0	14
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.24	1.55	1.24	.00	.00	.31	.00	.00	4.33
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.04	.03	.00	.00	.01	.00	.00	.11
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.31	.00	.00	.00	.31	.00	.62
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01	.00	.02
ALL SPEEDS	11	25	21	8	0	6	9	11	14	36	91	50	17	7	6	11	0	323
(1)	3.41	7.74	6.50	2.48	.00	1.86	2.79	3.41	4.33	11.15	28.17	15.48	5.26	2.17	1.86	3.41	.00	100.00
(2)	.09	.19	.16	.06	.00	.05	.07	.09	.11	.28	.71	.39	.13	.05	.05	.09	.00	2.52

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-34— {SSES 197' (60-m) 2001-2006 Autumn JFD - continued}

(Page 1 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 3.86

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	1	1	1	1	1	2	0	0	0	0	1	0	0	0	8
(1)	.00	.00	.00	.20	.20	.20	.20	.20	.40	.00	.00	.00	.00	.20	.00	.00	.00	1.62
(2)	.00	.00	.00	.01	.01	.01	.01	.01	.02	.00	.00	.00	.00	.01	.00	.00	.00	.06
1.1- 1.5	4	1	3	4	3	0	2	2	5	4	2	0	0	0	0	0	0	30
(1)	.81	.20	.61	.81	.61	.00	.40	.40	1.01	.81	.40	.00	.00	.00	.00	.00	.00	6.06
(2)	.03	.01	.02	.03	.02	.00	.02	.02	.04	.03	.02	.00	.00	.00	.00	.00	.00	.23
1.6- 2.0	1	4	4	3	1	2	1	3	3	9	5	2	0	1	0	0	0	39
(1)	.20	.81	.81	.61	.20	.40	.20	.61	.61	1.82	1.01	.40	.00	.20	.00	.00	.00	7.88
(2)	.01	.03	.03	.02	.01	.02	.01	.02	.02	.07	.04	.02	.00	.01	.00	.00	.00	.30
2.1- 3.0	2	11	7	3	0	2	1	2	2	9	27	7	1	0	1	0	0	75
(1)	.40	2.22	1.41	.61	.00	.40	.20	.40	.40	1.82	5.45	1.41	.20	.00	.20	.00	.00	15.15
(2)	.02	.09	.05	.02	.00	.02	.01	.02	.02	.07	.21	.05	.01	.00	.01	.00	.00	.58
3.1- 4.0	3	8	9	0	0	1	3	1	4	2	32	11	4	5	3	4	0	90
(1)	.61	1.62	1.82	.00	.00	.20	.61	.20	.81	.40	6.46	2.22	.81	1.01	.61	.81	.00	18.18
(2)	.02	.06	.07	.00	.00	.01	.02	.01	.03	.02	.25	.09	.03	.04	.02	.03	.00	.70
4.1- 5.0	11	12	1	0	0	0	1	6	8	7	22	14	4	8	2	6	0	102
(1)	2.22	2.42	.20	.00	.00	.00	.20	1.21	1.62	1.41	4.44	2.83	.81	1.62	.40	1.21	.00	20.61
(2)	.09	.09	.01	.00	.00	.00	.01	.05	.06	.05	.17	.11	.03	.06	.02	.05	.00	.80
5.1- 6.0	12	11	0	1	0	0	2	2	4	5	11	20	8	0	0	5	0	81
(1)	2.42	2.22	.00	.20	.00	.00	.40	.40	.81	1.01	2.22	4.04	1.62	.00	.00	1.01	.00	16.36
(2)	.09	.09	.00	.01	.00	.00	.02	.02	.03	.04	.09	.16	.06	.00	.00	.04	.00	.63
6.1- 8.0	2	4	0	0	0	0	1	2	4	7	6	21	4	0	1	1	0	53

Table 2.3-34— {SSES 197' (60-m) 2001-2006 Autumn JFD - continued}
(Page 2 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 3.86**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.40	.81	.00	.00	.00	.00	.20	.40	.81	1.41	1.21	4.24	.81	.00	.20	.20	.00	10.71
(2)	.02	.03	.00	.00	.00	.00	.01	.02	.03	.05	.05	.16	.03	.00	.01	.01	.00	.41
8.1-10.0	0	0	0	0	0	0	0	0	0	1	1	9	0	0	0	2	0	13
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20	.20	1.82	.00	.00	.00	.40	.00	2.63
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.07	.00	.00	.00	.02	.00	.10
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.81	.00	.00	.00	.00	.00	.81
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.03
ALL SPEEDS	35	51	24	12	5	6	12	19	32	44	106	88	21	15	7	18	0	495
(1)	7.07	10.30	4.85	2.42	1.01	1.21	2.42	3.84	6.46	8.89	21.41	17.78	4.24	3.03	1.41	3.64	.00	100.00
(2)	.27	.40	.19	.09	.04	.05	.09	.15	.25	.34	.83	.69	.16	.12	.05	.14	.00	3.86

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-34— {SSES 197' (60-m) 2001-2006 Autumn JFD - continued}

(Page 1 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 35.69

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	1	1	0	0	1	0	0	0	0	1	0	0	0	1	0	0	5
(1)	.00	.02	.02	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.00	.02	.00	.00	.11
(2)	.00	.01	.01	.00	.00	.01	.00	.00	.00	.00	.01	.00	.00	.00	.01	.00	.00	.04
.5- 1.0	6	14	51	44	29	31	20	24	25	22	6	4	2	2	1	3	0	284
(1)	.13	.31	1.11	.96	.63	.68	.44	.52	.55	.48	.13	.09	.04	.04	.02	.07	.00	6.20
(2)	.05	.11	.40	.34	.23	.24	.16	.19	.19	.17	.05	.03	.02	.02	.01	.02	.00	2.21
1.1- 1.5	15	50	57	25	19	11	17	22	38	35	39	8	2	2	2	6	0	348
(1)	.33	1.09	1.25	.55	.42	.24	.37	.48	.83	.76	.85	.17	.04	.04	.04	.13	.00	7.60
(2)	.12	.39	.44	.19	.15	.09	.13	.17	.30	.27	.30	.06	.02	.02	.02	.05	.00	2.71
1.6- 2.0	16	42	39	7	15	12	12	16	28	44	43	16	5	2	2	4	0	303
(1)	.35	.92	.85	.15	.33	.26	.26	.35	.61	.96	.94	.35	.11	.04	.04	.09	.00	6.62
(2)	.12	.33	.30	.05	.12	.09	.09	.12	.22	.34	.34	.12	.04	.02	.02	.03	.00	2.36
2.1- 3.0	42	96	57	19	29	19	45	28	18	45	102	56	30	20	11	23	0	640
(1)	.92	2.10	1.25	.42	.63	.42	.98	.61	.39	.98	2.23	1.22	.66	.44	.24	.50	.00	13.98
(2)	.33	.75	.44	.15	.23	.15	.35	.22	.14	.35	.80	.44	.23	.16	.09	.18	.00	4.99
3.1- 4.0	81	125	75	9	16	26	37	42	31	32	79	67	44	47	42	63	0	816
(1)	1.77	2.73	1.64	.20	.35	.57	.81	.92	.68	.70	1.73	1.46	.96	1.03	.92	1.38	.00	17.82
(2)	.63	.97	.58	.07	.12	.20	.29	.33	.24	.25	.62	.52	.34	.37	.33	.49	.00	6.36
4.1- 5.0	72	107	47	11	5	13	36	33	36	34	58	100	65	48	86	82	0	833
(1)	1.57	2.34	1.03	.24	.11	.28	.79	.72	.79	.74	1.27	2.18	1.42	1.05	1.88	1.79	.00	18.20
(2)	.56	.83	.37	.09	.04	.10	.28	.26	.28	.27	.45	.78	.51	.37	.67	.64	.00	6.49
5.1- 6.0	43	65	14	5	1	3	23	19	22	35	38	87	56	50	72	53	0	586
(1)	.94	1.42	.31	.11	.02	.07	.50	.42	.48	.76	.83	1.90	1.22	1.09	1.57	1.16	.00	12.80
(2)	.34	.51	.11	.04	.01	.02	.18	.15	.17	.27	.30	.68	.44	.39	.56	.41	.00	4.57
6.1- 8.0	17	20	5	2	0	1	16	24	10	38	42	125	70	39	62	32	0	503

Table 2.3-34— {SSES 197' (60-m) 2001-2006 Autumn JFD - continued}

(Page 2 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 35.69**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.37	.44	.11	.04	.00	.02	.35	.52	.22	.83	.92	2.73	1.53	.85	1.35	.70	.00	10.99
(2)	.13	.16	.04	.02	.00	.01	.12	.19	.08	.30	.33	.97	.55	.30	.48	.25	.00	3.92
8.1-10.0	0	0	1	0	0	0	8	13	7	13	9	66	16	19	6	3	0	161
(1)	.00	.00	.02	.00	.00	.00	.17	.28	.15	.28	.20	1.44	.35	.42	.13	.07	.00	3.52
(2)	.00	.00	.01	.00	.00	.00	.06	.10	.05	.10	.07	.51	.12	.15	.05	.02	.00	1.26
10.1-40.3	0	0	0	3	0	0	2	6	7	3	0	58	14	5	1	0	0	99
(1)	.00	.00	.00	.07	.00	.00	.04	.13	.15	.07	.00	1.27	.31	.11	.02	.00	.00	2.16
(2)	.00	.00	.00	.02	.00	.00	.02	.05	.05	.02	.00	.45	.11	.04	.01	.00	.00	.77
ALL SPEEDS	292	520	347	125	114	117	216	227	222	301	417	587	304	234	286	269	0	4578
(1)	6.38	11.36	7.58	2.73	2.49	2.56	4.72	4.96	4.85	6.57	9.11	12.82	6.64	5.11	6.25	5.88	.00	100.00
(2)	2.28	4.05	2.71	.97	.89	.91	1.68	1.77	1.73	2.35	3.25	4.58	2.37	1.82	2.23	2.10	.00	35.69

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-34— {SSES 197' (60-m) 2001-2006 Autumn JFD - continued}

(Page 1 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 31.70**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.2- .4	0	0	2	4	1	1	1	1	2	1	1	0	0	0	0	0	0	14
(1)	.00	.00	.05	.10	.02	.02	.02	.02	.05	.02	.02	.00	.00	.00	.00	.00	.00	.34
(2)	.00	.00	.02	.03	.01	.01	.01	.01	.02	.01	.01	.00	.00	.00	.00	.00	.00	.11
.5- 1.0	18	55	69	68	59	62	59	41	36	35	20	6	6	0	0	4	0	538
(1)	.44	1.35	1.70	1.67	1.45	1.52	1.45	1.01	.89	.86	.49	.15	.15	.00	.00	.10	.00	13.23
(2)	.14	.43	.54	.53	.46	.48	.46	.32	.28	.27	.16	.05	.05	.00	.00	.03	.00	4.19
1.1- 1.5	40	89	92	27	31	18	24	53	43	43	34	10	5	0	1	11	0	521
(1)	.98	2.19	2.26	.66	.76	.44	.59	1.30	1.06	1.06	.84	.25	.12	.00	.02	.27	.00	12.81
(2)	.31	.69	.72	.21	.24	.14	.19	.41	.34	.34	.27	.08	.04	.00	.01	.09	.00	4.06
1.6- 2.0	45	136	72	31	18	8	14	19	28	31	53	33	8	1	2	2	0	501
(1)	1.11	3.34	1.77	.76	.44	.20	.34	.47	.69	.76	1.30	.81	.20	.02	.05	.05	.00	12.32
(2)	.35	1.06	.56	.24	.14	.06	.11	.15	.22	.24	.41	.26	.06	.01	.02	.02	.00	3.91
2.1- 3.0	73	216	92	34	28	18	14	40	48	56	75	47	21	16	15	18	0	811
(1)	1.80	5.31	2.26	.84	.69	.44	.34	.98	1.18	1.38	1.84	1.16	.52	.39	.37	.44	.00	19.95
(2)	.57	1.68	.72	.27	.22	.14	.11	.31	.37	.44	.58	.37	.16	.12	.12	.14	.00	6.32
3.1- 4.0	41	106	60	17	14	16	15	28	49	88	74	57	25	13	19	17	0	639
(1)	1.01	2.61	1.48	.42	.34	.39	.37	.69	1.21	2.16	1.82	1.40	.61	.32	.47	.42	.00	15.72
(2)	.32	.83	.47	.13	.11	.12	.12	.22	.38	.69	.58	.44	.19	.10	.15	.13	.00	4.98
4.1- 5.0	19	68	46	5	6	8	16	24	38	80	57	59	17	6	22	13	0	484
(1)	.47	1.67	1.13	.12	.15	.20	.39	.59	.93	1.97	1.40	1.45	.42	.15	.54	.32	.00	11.90
(2)	.15	.53	.36	.04	.05	.06	.12	.19	.30	.62	.44	.46	.13	.05	.17	.10	.00	3.77
5.1- 6.0	5	24	20	3	0	2	11	12	18	44	28	63	2	2	8	5	0	247
(1)	.12	.59	.49	.07	.00	.05	.27	.30	.44	1.08	.69	1.55	.05	.05	.20	.12	.00	6.07
(2)	.04	.19	.16	.02	.00	.02	.09	.09	.14	.34	.22	.49	.02	.02	.06	.04	.00	1.93
6.1- 8.0	0	21	9	3	4	2	8	21	25	37	8	52	4	0	2	3	0	199

Table 2.3-34— {SSES 197' (60-m) 2001-2006 Autumn JFD - continued}

(Page 2 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 31.70**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.52	.22	.07	.10	.05	.20	.52	.61	.91	.20	1.28	.10	.00	.05	.07	.00	4.89
(2)	.00	.16	.07	.02	.03	.02	.06	.16	.19	.29	.06	.41	.03	.00	.02	.02	.00	1.55
8.1-10.0	0	1	9	2	0	7	6	6	19	20	3	6	0	0	0	0	0	79
(1)	.00	.02	.22	.05	.00	.17	.15	.15	.47	.49	.07	.15	.00	.00	.00	.00	.00	1.94
(2)	.00	.01	.07	.02	.00	.05	.05	.05	.15	.16	.02	.05	.00	.00	.00	.00	.00	.62
10.1-40.3	0	5	3	3	1	1	4	7	5	1	1	1	0	0	0	0	0	32
(1)	.00	.12	.07	.07	.02	.02	.10	.17	.12	.02	.02	.02	.00	.00	.00	.00	.00	.79
(2)	.00	.04	.02	.02	.01	.01	.03	.05	.04	.01	.01	.01	.00	.00	.00	.00	.00	.25
ALL SPEEDS	241	721	474	198	162	143	172	252	311	436	354	334	88	38	69	73	0	4066
(1)	5.93	17.73	11.66	4.87	3.98	3.52	4.23	6.20	7.65	10.72	8.71	8.21	2.16	.93	1.70	1.80	.00	100.00
(2)	1.88	5.62	3.70	1.54	1.26	1.11	1.34	1.96	2.42	3.40	2.76	2.60	.69	.30	.54	.57	.00	31.70

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-34— {SSES 197' (60-m) 2001-2006 Autumn JFD - continued}

(Page 1 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 13.25**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06
(2)	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
.2- .4	0	0	1	2	3	1	0	0	0	0	0	0	0	0	0	0	0	7
(1)	.00	.00	.06	.12	.18	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.41
(2)	.00	.00	.01	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
.5- 1.0	5	26	60	41	35	29	24	11	14	4	2	1	1	1	3	1	0	258
(1)	.29	1.53	3.53	2.41	2.06	1.71	1.41	.65	.82	.24	.12	.06	.06	.06	.18	.06	.00	15.18
(2)	.04	.20	.47	.32	.27	.23	.19	.09	.11	.03	.02	.01	.01	.01	.02	.01	.00	2.01
1.1- 1.5	13	104	95	27	16	16	22	11	18	14	9	4	1	0	0	5	0	355
(1)	.76	6.12	5.59	1.59	.94	.94	1.29	.65	1.06	.82	.53	.24	.06	.00	.00	.29	.00	20.88
(2)	.10	.81	.74	.21	.12	.12	.17	.09	.14	.11	.07	.03	.01	.00	.00	.04	.00	2.77
1.6- 2.0	48	203	45	7	6	4	3	7	17	18	8	5	3	2	3	3	0	382
(1)	2.82	11.94	2.65	.41	.35	.24	.18	.41	1.00	1.06	.47	.29	.18	.12	.18	.18	.00	22.47
(2)	.37	1.58	.35	.05	.05	.03	.02	.05	.13	.14	.06	.04	.02	.02	.02	.02	.00	2.98
2.1- 3.0	89	253	30	10	7	1	1	3	12	31	34	1	5	4	1	3	0	485
(1)	5.24	14.88	1.76	.59	.41	.06	.06	.18	.71	1.82	2.00	.06	.29	.24	.06	.18	.00	28.53
(2)	.69	1.97	.23	.08	.05	.01	.01	.02	.09	.24	.27	.01	.04	.03	.01	.02	.00	3.78
3.1- 4.0	15	35	14	1	0	1	0	3	11	25	20	12	0	0	1	1	0	139
(1)	.88	2.06	.82	.06	.00	.06	.00	.18	.65	1.47	1.18	.71	.00	.00	.06	.06	.00	8.18
(2)	.12	.27	.11	.01	.00	.01	.00	.02	.09	.19	.16	.09	.00	.00	.01	.01	.00	1.08
4.1- 5.0	1	2	0	0	0	1	0	1	4	10	9	23	0	0	1	0	0	52
(1)	.06	.12	.00	.00	.00	.06	.00	.06	.24	.59	.53	1.35	.00	.00	.06	.00	.00	3.06
(2)	.01	.02	.00	.00	.00	.01	.00	.01	.03	.08	.07	.18	.00	.00	.01	.00	.00	.41
5.1- 6.0	1	0	0	0	0	0	0	0	0	2	3	8	0	0	0	0	0	14
(1)	.06	.00	.00	.00	.00	.00	.00	.00	.00	.12	.18	.47	.00	.00	.00	.00	.00	.82
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.06	.00	.00	.00	.00	.00	.11
6.1- 8.0	0	0	0	0	0	0	0	1	0	0	0	6	0	0	0	0	0	7

Table 2.3-34— {SSES 197' (60-m) 2001-2006 Autumn JFD - continued}

(Page 2 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 13.25**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.06	.00	.00	.00	.35	.00	.00	.00	.00	.00	.41
(2)	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	172	623	246	88	67	53	50	37	76	104	85	60	10	7	9	13	0	1700
(1)	10.12	36.65	14.47	5.18	3.94	3.12	2.94	2.18	4.47	6.12	5.00	3.53	.59	.41	.53	.76	.00	100.00
(2)	1.34	4.86	1.92	.69	.52	.41	.39	.29	.59	.81	.66	.47	.08	.05	.07	.10	.00	13.25

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-34— {SSES 197' (60-m) 2001-2006 Autumn JFD - continued}

(Page 1 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 9.48**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.08	.08	.00	.16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.33
(2)	.00	.01	.01	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
.5- 1.0	3	15	35	25	26	15	16	7	7	5	0	0	0	0	0	0	0	154
(1)	.25	1.23	2.88	2.06	2.14	1.23	1.32	.58	.58	.41	.00	.00	.00	.00	.00	.00	.00	12.66
(2)	.02	.12	.27	.19	.20	.12	.12	.05	.05	.04	.00	.00	.00	.00	.00	.00	.00	1.20
1.1- 1.5	15	92	87	36	29	16	19	15	18	10	3	2	0	3	1	0	0	346
(1)	1.23	7.57	7.15	2.96	2.38	1.32	1.56	1.23	1.48	.82	.25	.16	.00	.25	.08	.00	.00	28.45
(2)	.12	.72	.68	.28	.23	.12	.15	.12	.14	.08	.02	.02	.00	.02	.01	.00	.00	2.70
1.6- 2.0	33	171	74	15	3	4	5	6	13	7	5	4	1	0	2	0	0	343
(1)	2.71	14.06	6.09	1.23	.25	.33	.41	.49	1.07	.58	.41	.33	.08	.00	.16	.00	.00	28.21
(2)	.26	1.33	.58	.12	.02	.03	.04	.05	.10	.05	.04	.03	.01	.00	.02	.00	.00	2.67
2.1- 3.0	64	109	27	6	1	4	4	5	24	27	23	1	1	1	6	1	0	304
(1)	5.26	8.96	2.22	.49	.08	.33	.33	.41	1.97	2.22	1.89	.08	.08	.08	.49	.08	.00	25.00
(2)	.50	.85	.21	.05	.01	.03	.03	.04	.19	.21	.18	.01	.01	.01	.05	.01	.00	2.37
3.1- 4.0	8	14	2	0	0	1	0	0	2	8	11	4	0	0	1	0	0	51
(1)	.66	1.15	.16	.00	.00	.08	.00	.00	.16	.66	.90	.33	.00	.00	.08	.00	.00	4.19
(2)	.06	.11	.02	.00	.00	.01	.00	.00	.02	.06	.09	.03	.00	.00	.01	.00	.00	.40
4.1- 5.0	0	0	0	0	1	0	0	0	0	2	4	5	0	0	0	0	0	12
(1)	.00	.00	.00	.00	.08	.00	.00	.00	.00	.16	.33	.41	.00	.00	.00	.00	.00	.99
(2)	.00	.00	.00	.00	.01	.00	.00	.00	.00	.02	.03	.04	.00	.00	.00	.00	.00	.09
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16	.00	.00	.00	.00	.00	.16
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-34— {SSES 197' (60-m) 2001-2006 Autumn JFD - continued}
(Page 2 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 9.48**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	123	402	226	82	62	40	44	33	64	59	46	18	2	4	10	1	0	1216
(1)	10.12	33.06	18.59	6.74	5.10	3.29	3.62	2.71	5.26	4.85	3.78	1.48	.16	.33	.82	.08	.00	100.00
(2)	.96	3.13	1.76	.64	.48	.31	.34	.26	.50	.46	.36	.14	.02	.03	.08	.01	.00	9.48

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-34— {SSES 197' (60-m) 2001-2006 Autumn JFD - continued}

(Page 1 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	0	2	5	6	6	3	1	1	2	1	2	0	0	0	1	0	0	30
(1)	.00	.02	.04	.05	.05	.02	.01	.01	.02	.01	.02	.00	.00	.00	.01	.00	.00	.23
(2)	.00	.02	.04	.05	.05	.02	.01	.01	.02	.01	.02	.00	.00	.00	.01	.00	.00	.23
.5- 1.0	32	110	219	183	153	142	122	86	88	70	29	12	9	4	5	8	0	1272
(1)	.25	.86	1.71	1.43	1.19	1.11	.95	.67	.69	.55	.23	.09	.07	.03	.04	.06	.00	9.92
(2)	.25	.86	1.71	1.43	1.19	1.11	.95	.67	.69	.55	.23	.09	.07	.03	.04	.06	.00	9.92
1.1- 1.5	90	340	340	128	101	67	87	105	128	114	91	24	8	5	4	22	0	1654
(1)	.70	2.65	2.65	1.00	.79	.52	.68	.82	1.00	.89	.71	.19	.06	.04	.03	.17	.00	12.89
(2)	.70	2.65	2.65	1.00	.79	.52	.68	.82	1.00	.89	.71	.19	.06	.04	.03	.17	.00	12.89
1.6- 2.0	144	566	243	72	45	33	39	57	96	121	126	64	17	6	9	9	0	1647
(1)	1.12	4.41	1.89	.56	.35	.26	.30	.44	.75	.94	.98	.50	.13	.05	.07	.07	.00	12.84
(2)	1.12	4.41	1.89	.56	.35	.26	.30	.44	.75	.94	.98	.50	.13	.05	.07	.07	.00	12.84
2.1- 3.0	273	698	228	75	66	46	70	87	112	187	298	120	59	41	36	49	0	2445
(1)	2.13	5.44	1.78	.58	.51	.36	.55	.68	.87	1.46	2.32	.94	.46	.32	.28	.38	.00	19.06
(2)	2.13	5.44	1.78	.58	.51	.36	.55	.68	.87	1.46	2.32	.94	.46	.32	.28	.38	.00	19.06
3.1- 4.0	152	297	168	27	30	45	58	81	101	174	271	161	77	66	72	88	0	1868
(1)	1.18	2.32	1.31	.21	.23	.35	.45	.63	.79	1.36	2.11	1.26	.60	.51	.56	.69	.00	14.56
(2)	1.18	2.32	1.31	.21	.23	.35	.45	.63	.79	1.36	2.11	1.26	.60	.51	.56	.69	.00	14.56
4.1- 5.0	112	205	99	16	12	22	56	71	101	150	197	221	91	68	113	109	0	1643
(1)	.87	1.60	.77	.12	.09	.17	.44	.55	.79	1.17	1.54	1.72	.71	.53	.88	.85	.00	12.81
(2)	.87	1.60	.77	.12	.09	.17	.44	.55	.79	1.17	1.54	1.72	.71	.53	.88	.85	.00	12.81
5.1- 6.0	64	107	38	9	1	5	37	40	53	94	113	196	73	54	80	64	0	1028
(1)	.50	.83	.30	.07	.01	.04	.29	.31	.41	.73	.88	1.53	.57	.42	.62	.50	.00	8.01
(2)	.50	.83	.30	.07	.01	.04	.29	.31	.41	.73	.88	1.53	.57	.42	.62	.50	.00	8.01
6.1- 8.0	19	45	14	5	4	3	26	54	46	91	75	228	81	39	65	36	0	831

Table 2.3-34— {SSES 197' (60-m) 2001-2006 Autumn JFD - continued}

(Page 2 of 2)

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.15	.35	.11	.04	.03	.02	.20	.42	.36	.71	.58	1.78	.63	.30	.51	.28	.00	6.48
(2)	.15	.35	.11	.04	.03	.02	.20	.42	.36	.71	.58	1.78	.63	.30	.51	.28	.00	6.48
8.1-10.0	0	1	10	2	0	7	15	19	26	41	18	85	16	19	7	5	0	271
(1)	.00	.01	.08	.02	.00	.05	.12	.15	.20	.32	.14	.66	.12	.15	.05	.04	.00	2.11
(2)	.00	.01	.08	.02	.00	.05	.12	.15	.20	.32	.14	.66	.12	.15	.05	.04	.00	2.11
10.1-40.3	0	5	3	6	1	1	6	13	12	4	1	64	14	5	1	1	0	137
(1)	.00	.04	.02	.05	.01	.01	.05	.10	.09	.03	.01	.50	.11	.04	.01	.01	.00	1.07
(2)	.00	.04	.02	.05	.01	.01	.05	.10	.09	.03	.01	.50	.11	.04	.01	.01	.00	1.07
ALL SPEEDS	886	2376	1368	530	419	374	517	614	765	1047	1221	1175	445	307	393	391	0	12828
(1)	6.91	18.52	10.66	4.13	3.27	2.92	4.03	4.79	5.96	8.16	9.52	9.16	3.47	2.39	3.06	3.05	.00	100.00
(2)	6.91	18.52	10.66	4.13	3.27	2.92	4.03	4.79	5.96	8.16	9.52	9.16	3.47	2.39	3.06	3.05	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-35— {SSES 33' (10-m) 2001-2006 January JFD}

(Page 1 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 1.84**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
1.1- 1.5	0	0	0	0	1	1	1	2	0	1	1	0	0	0	0	0	0	7
(1)	.00	.00	.00	.00	1.22	1.22	1.22	2.44	.00	1.22	1.22	.00	.00	.00	.00	.00	.00	8.54
(2)	.00	.00	.00	.00	.02	.02	.02	.04	.00	.02	.02	.00	.00	.00	.00	.00	.00	.16
1.6- 2.0	0	0	0	0	1	0	0	1	4	4	0	0	0	0	0	0	0	10
(1)	.00	.00	.00	.00	1.22	.00	.00	1.22	4.88	4.88	.00	.00	.00	.00	.00	.00	.00	12.20
(2)	.00	.00	.00	.00	.02	.00	.00	.02	.09	.09	.00	.00	.00	.00	.00	.00	.00	.22
2.1- 3.0	0	0	0	0	0	0	1	0	5	7	8	2	1	1	0	0	0	25
(1)	.00	.00	.00	.00	.00	.00	1.22	.00	6.10	8.54	9.76	2.44	1.22	1.22	.00	.00	.00	30.49
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.11	.16	.18	.04	.02	.02	.00	.00	.00	.56
3.1- 4.0	0	0	0	0	0	0	0	0	0	6	11	1	1	0	0	0	0	19
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.32	13.41	1.22	1.22	.00	.00	.00	.00	23.17
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13	.25	.02	.02	.00	.00	.00	.00	.43
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	4	2	1	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.88	2.44	1.22	.00	.00	.00	.00	8.54
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.04	.02	.00	.00	.00	.00	.16
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	5	7	0	0	0	0	0	12
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.10	8.54	.00	.00	.00	.00	.00	14.63
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.16	.00	.00	.00	.00	.00	.27
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2

Table 2.3-35— {SSES 33' (10-m) 2001-2006 January JFD}

(Page 2 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 1.84**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.44	.00	.00	.00	.00	.00	2.44
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00	.04
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	0	0	0	2	1	2	3	9	18	29	14	3	1	0	0	0	82
(1)	.00	.00	.00	.00	2.44	1.22	2.44	3.66	10.98	21.95	35.37	17.07	3.66	1.22	.00	.00	.00	100.00
(2)	.00	.00	.00	.00	.04	.02	.04	.07	.20	.40	.65	.31	.07	.02	.00	.00	.00	1.84

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-35— {SSES 33' (10-m) 2001-2006 January JFD - continued}
(Page 1 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 1.66

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.35	.00	.00	1.35
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02
1.1- 1.5	0	0	0	0	1	0	0	2	0	1	0	1	0	0	0	0	0	5
(1)	.00	.00	.00	.00	1.35	.00	.00	2.70	.00	1.35	.00	1.35	.00	.00	.00	.00	.00	6.76
(2)	.00	.00	.00	.00	.02	.00	.00	.04	.00	.02	.00	.02	.00	.00	.00	.00	.00	.11
1.6- 2.0	0	1	1	0	0	1	0	2	1	2	2	0	0	1	0	0	0	11
(1)	.00	1.35	1.35	.00	.00	1.35	.00	2.70	1.35	2.70	2.70	.00	.00	1.35	.00	.00	.00	14.86
(2)	.00	.02	.02	.00	.00	.02	.00	.04	.02	.04	.04	.00	.00	.02	.00	.00	.00	.25
2.1- 3.0	0	0	0	0	0	0	0	0	1	1	2	1	2	0	1	0	0	8
(1)	.00	.00	.00	.00	.00	.00	.00	.00	1.35	1.35	2.70	1.35	2.70	.00	1.35	.00	.00	10.81
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.04	.02	.04	.00	.02	.00	.00	.18
3.1- 4.0	1	4	2	0	0	0	0	0	0	2	4	1	0	3	0	1	0	18
(1)	1.35	5.41	2.70	.00	.00	.00	.00	.00	.00	2.70	5.41	1.35	.00	4.05	.00	1.35	.00	24.32
(2)	.02	.09	.04	.00	.00	.00	.00	.00	.00	.04	.09	.02	.00	.07	.00	.02	.00	.40
4.1- 5.0	1	3	0	0	0	0	0	0	0	0	7	6	1	2	0	0	0	20
(1)	1.35	4.05	.00	.00	.00	.00	.00	.00	.00	.00	9.46	8.11	1.35	2.70	.00	.00	.00	27.03
(2)	.02	.07	.00	.00	.00	.00	.00	.00	.00	.00	.16	.13	.02	.04	.00	.00	.00	.45
5.1- 6.0	0	1	0	0	0	0	0	0	0	0	4	3	1	0	1	0	0	10
(1)	.00	1.35	.00	.00	.00	.00	.00	.00	.00	.00	5.41	4.05	1.35	.00	1.35	.00	.00	13.51
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.09	.07	.02	.00	.02	.00	.00	.22
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1

Table 2.3-35— {SSES 33' (10-m) 2001-2006 January JFD - continued}

(Page 2 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 1.66**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.35	.00	.00	.00	.00	.00	1.35
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	2	9	3	0	1	1	0	4	2	6	19	13	4	6	3	1	0	74
(1)	2.70	12.16	4.05	.00	1.35	1.35	.00	5.41	2.70	8.11	25.68	17.57	5.41	8.11	4.05	1.35	.00	100.00
(2)	.04	.20	.07	.00	.02	.02	.00	.09	.04	.13	.43	.29	.09	.13	.07	.02	.00	1.66

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-35— {SSES 33' (10-m) 2001-2006 January JFD - continued}

(Page 1 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 2.49**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	1	2	2	0	1	0	0	0	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.90	1.80	1.80	.00	.90	.00	.00	.00	.00	.00	.00	.00	.00	5.41
(2)	.00	.00	.00	.00	.02	.04	.04	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.13
1.1- 1.5	0	0	0	0	0	2	0	0	3	2	1	0	0	0	0	0	0	8
(1)	.00	.00	.00	.00	.00	1.80	.00	.00	2.70	1.80	.90	.00	.00	.00	.00	.00	.00	7.21
(2)	.00	.00	.00	.00	.00	.04	.00	.00	.07	.04	.02	.00	.00	.00	.00	.00	.00	.18
1.6- 2.0	0	0	0	0	1	0	0	2	2	1	2	0	0	1	0	1	0	10
(1)	.00	.00	.00	.00	.90	.00	.00	1.80	1.80	.90	1.80	.00	.00	.90	.00	.90	.00	9.01
(2)	.00	.00	.00	.00	.02	.00	.00	.04	.04	.02	.04	.00	.00	.02	.00	.02	.00	.22
2.1- 3.0	1	1	2	0	0	0	0	1	1	0	6	2	1	1	1	0	0	17
(1)	.90	.90	1.80	.00	.00	.00	.00	.90	.90	.00	5.41	1.80	.90	.90	.90	.00	.00	15.32
(2)	.02	.02	.04	.00	.00	.00	.00	.02	.02	.00	.13	.04	.02	.02	.02	.00	.00	.38
3.1- 4.0	4	3	0	0	0	0	0	0	0	1	5	4	0	2	1	1	0	21
(1)	3.60	2.70	.00	.00	.00	.00	.00	.00	.00	.90	4.50	3.60	.00	1.80	.90	.90	.00	18.92
(2)	.09	.07	.00	.00	.00	.00	.00	.00	.00	.02	.11	.09	.00	.04	.02	.02	.00	.47
4.1- 5.0	3	1	0	0	0	0	0	0	0	0	16	5	0	2	3	3	0	33
(1)	2.70	.90	.00	.00	.00	.00	.00	.00	.00	.00	14.41	4.50	.00	1.80	2.70	2.70	.00	29.73
(2)	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.36	.11	.00	.04	.07	.07	.00	.74
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	3	5	4	0	0	2	0	14
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.70	4.50	3.60	.00	.00	1.80	.00	12.61
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.11	.09	.00	.00	.04	.00	.31
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2

Table 2.3-35— {SSES 33' (10-m) 2001-2006 January JFD - continued}

(Page 2 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 2.49**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.90	.90	.00	.00	.00	.00	1.80
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.04
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	8	5	2	0	2	4	2	3	7	4	33	17	6	6	5	7	0	111
(1)	7.21	4.50	1.80	.00	1.80	3.60	1.80	2.70	6.31	3.60	29.73	15.32	5.41	5.41	4.50	6.31	.00	100.00
(2)	.18	.11	.04	.00	.04	.09	.04	.07	.16	.09	.74	.38	.13	.13	.11	.16	.00	2.49

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-35— {SSES 33' (10-m) 2001-2006 January JFD - continued}
(Page 1 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 50.31**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	2	5	0	0	1	2	1	1	0	0	1	1	0	0	15
(1)	.00	.00	.04	.09	.22	.00	.00	.04	.09	.04	.04	.00	.00	.04	.04	.00	.00	.67
(2)	.00	.00	.02	.04	.11	.00	.00	.02	.04	.02	.02	.00	.00	.02	.02	.00	.00	.34
.5- 1.0	3	7	16	26	34	19	18	7	17	11	4	7	0	1	2	4	0	176
(1)	.13	.31	.71	1.16	1.51	.85	.80	.31	.76	.49	.18	.31	.00	.04	.09	.18	.00	7.84
(2)	.07	.16	.36	.58	.76	.43	.40	.16	.38	.25	.09	.16	.00	.02	.04	.09	.00	3.94
1.1- 1.5	10	31	29	21	9	19	33	25	28	23	19	3	5	5	5	1	0	266
(1)	.45	1.38	1.29	.93	.40	.85	1.47	1.11	1.25	1.02	.85	.13	.22	.22	.22	.04	.00	11.84
(2)	.22	.69	.65	.47	.20	.43	.74	.56	.63	.52	.43	.07	.11	.11	.11	.02	.00	5.96
1.6- 2.0	19	22	28	7	3	4	21	14	14	29	21	13	9	11	8	7	0	230
(1)	.85	.98	1.25	.31	.13	.18	.93	.62	.62	1.29	.93	.58	.40	.49	.36	.31	.00	10.24
(2)	.43	.49	.63	.16	.07	.09	.47	.31	.31	.65	.47	.29	.20	.25	.18	.16	.00	5.15
2.1- 3.0	71	51	48	4	4	6	13	12	30	57	50	22	26	27	38	43	0	502
(1)	3.16	2.27	2.14	.18	.18	.27	.58	.53	1.34	2.54	2.23	.98	1.16	1.20	1.69	1.91	.00	22.35
(2)	1.59	1.14	1.08	.09	.09	.13	.29	.27	.67	1.28	1.12	.49	.58	.60	.85	.96	.00	11.25
3.1- 4.0	74	19	25	4	1	2	2	6	9	21	102	39	24	25	43	77	0	473
(1)	3.29	.85	1.11	.18	.04	.09	.09	.27	.40	.93	4.54	1.74	1.07	1.11	1.91	3.43	.00	21.06
(2)	1.66	.43	.56	.09	.02	.04	.04	.13	.20	.47	2.28	.87	.54	.56	.96	1.72	.00	10.60
4.1- 5.0	27	7	1	0	0	0	1	1	0	2	70	57	32	19	34	66	0	317
(1)	1.20	.31	.04	.00	.00	.00	.04	.04	.00	.09	3.12	2.54	1.42	.85	1.51	2.94	.00	14.11
(2)	.60	.16	.02	.00	.00	.00	.02	.02	.00	.04	1.57	1.28	.72	.43	.76	1.48	.00	7.10
5.1- 6.0	7	0	0	0	0	0	1	0	0	1	29	36	13	14	42	28	0	171
(1)	.31	.00	.00	.00	.00	.00	.04	.00	.00	.04	1.29	1.60	.58	.62	1.87	1.25	.00	7.61
(2)	.16	.00	.00	.00	.00	.00	.02	.00	.00	.02	.65	.81	.29	.31	.94	.63	.00	3.83
6.1- 8.0	2	0	0	0	0	2	1	0	0	0	4	31	10	4	15	24	0	93

Table 2.3-35— {SSES 33' (10-m) 2001-2006 January JFD - continued}

(Page 2 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 50.31**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.09	.00	.00	.00	.00	.09	.04	.00	.00	.00	.18	1.38	.45	.18	.67	1.07	.00	4.14
(2)	.04	.00	.00	.00	.00	.04	.02	.00	.00	.00	.09	.69	.22	.09	.34	.54	.00	2.08
8.1-10.0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	3
(1)	.00	.00	.00	.00	.00	.00	.04	.00	.00	.00	.00	.04	.00	.00	.00	.04	.00	.13
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.00	.02	.00	.07
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	213	137	148	64	56	52	91	66	100	145	300	209	119	107	188	251	0	2246
(1)	9.48	6.10	6.59	2.85	2.49	2.32	4.05	2.94	4.45	6.46	13.36	9.31	5.30	4.76	8.37	11.18	.00	100.00
(2)	4.77	3.07	3.32	1.43	1.25	1.16	2.04	1.48	2.24	3.25	6.72	4.68	2.67	2.40	4.21	5.62	.00	50.31

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-35— {SSES 33' (10-m) 2001-2006 January JFD - continued}
(Page 1 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.49**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	1	3	2	1	0	0	1	1	0	0	0	0	0	0	10
(1)	.00	.00	.08	.08	.24	.16	.08	.00	.00	.08	.08	.00	.00	.00	.00	.00	.00	.79
(2)	.00	.00	.02	.02	.07	.04	.02	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.22
.5- 1.0	7	26	50	71	48	49	54	34	39	21	3	3	2	3	4	1	0	415
(1)	.55	2.04	3.93	5.58	3.77	3.85	4.25	2.67	3.07	1.65	.24	.24	.16	.24	.31	.08	.00	32.63
(2)	.16	.58	1.12	1.59	1.08	1.10	1.21	.76	.87	.47	.07	.07	.04	.07	.09	.02	.00	9.30
1.1- 1.5	9	28	40	14	8	14	22	27	55	29	9	8	10	6	3	2	0	284
(1)	.71	2.20	3.14	1.10	.63	1.10	1.73	2.12	4.32	2.28	.71	.63	.79	.47	.24	.16	.00	22.33
(2)	.20	.63	.90	.31	.18	.31	.49	.60	1.23	.65	.20	.18	.22	.13	.07	.04	.00	6.36
1.6- 2.0	23	41	27	6	5	4	1	4	19	38	23	10	5	1	7	7	0	221
(1)	1.81	3.22	2.12	.47	.39	.31	.08	.31	1.49	2.99	1.81	.79	.39	.08	.55	.55	.00	17.37
(2)	.52	.92	.60	.13	.11	.09	.02	.09	.43	.85	.52	.22	.11	.02	.16	.16	.00	4.95
2.1- 3.0	27	30	22	0	4	6	0	4	13	37	49	7	7	3	4	12	0	225
(1)	2.12	2.36	1.73	.00	.31	.47	.00	.31	1.02	2.91	3.85	.55	.55	.24	.31	.94	.00	17.69
(2)	.60	.67	.49	.00	.09	.13	.00	.09	.29	.83	1.10	.16	.16	.07	.09	.27	.00	5.04
3.1- 4.0	8	5	10	0	0	1	0	0	3	6	23	6	1	2	2	5	0	72
(1)	.63	.39	.79	.00	.00	.08	.00	.00	.24	.47	1.81	.47	.08	.16	.16	.39	.00	5.66
(2)	.18	.11	.22	.00	.00	.02	.00	.00	.07	.13	.52	.13	.02	.04	.04	.11	.00	1.61
4.1- 5.0	3	0	2	0	0	0	0	1	1	4	7	4	1	0	1	2	0	26
(1)	.24	.00	.16	.00	.00	.00	.00	.08	.08	.31	.55	.31	.08	.00	.08	.16	.00	2.04
(2)	.07	.00	.04	.00	.00	.00	.00	.02	.02	.09	.16	.09	.02	.00	.02	.04	.00	.58
5.1- 6.0	3	0	0	0	0	0	0	1	5	2	0	2	1	0	1	0	0	15
(1)	.24	.00	.00	.00	.00	.00	.00	.08	.39	.16	.00	.16	.08	.00	.08	.00	.00	1.18
(2)	.07	.00	.00	.00	.00	.00	.00	.02	.11	.04	.00	.04	.02	.00	.02	.00	.00	.34
6.1- 8.0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	4

Table 2.3-35— {SSES 33' (10-m) 2001-2006 January JFD - continued}

(Page 2 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.49**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.08	.08	.08	.00	.00	.08	.00	.00	.00	.00	.00	.31
(2)	.00	.00	.00	.00	.00	.00	.02	.02	.02	.00	.00	.02	.00	.00	.00	.00	.00	.09
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	80	130	152	92	68	76	79	72	136	138	115	41	27	15	22	29	0	1272
(1)	6.29	10.22	11.95	7.23	5.35	5.97	6.21	5.66	10.69	10.85	9.04	3.22	2.12	1.18	1.73	2.28	.00	100.00
(2)	1.79	2.91	3.41	2.06	1.52	1.70	1.77	1.61	3.05	3.09	2.58	.92	.60	.34	.49	.65	.00	28.49

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-35— {SSES 33' (10-m) 2001-2006 January JFD - continued}
(Page 1 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 8.49

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	1	3	0	0	0	1	0	0	0	0	0	0	0	0	5
(1)	.00	.00	.00	.26	.79	.00	.00	.00	.26	.00	.00	.00	.00	.00	.00	.00	.00	1.32
(2)	.00	.00	.00	.02	.07	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.11
.5- 1.0	2	4	33	85	55	29	18	16	19	3	1	1	0	1	0	0	0	267
(1)	.53	1.06	8.71	22.43	14.51	7.65	4.75	4.22	5.01	.79	.26	.26	.00	.26	.00	.00	.00	70.45
(2)	.04	.09	.74	1.90	1.23	.65	.40	.36	.43	.07	.02	.02	.00	.02	.00	.00	.00	5.98
1.1- 1.5	2	6	18	26	6	1	2	5	15	6	3	0	0	0	0	1	0	91
(1)	.53	1.58	4.75	6.86	1.58	.26	.53	1.32	3.96	1.58	.79	.00	.00	.00	.00	.26	.00	24.01
(2)	.04	.13	.40	.58	.13	.02	.04	.11	.34	.13	.07	.00	.00	.00	.00	.02	.00	2.04
1.6- 2.0	0	0	1	0	0	0	0	3	2	3	2	0	0	0	0	0	0	11
(1)	.00	.00	.26	.00	.00	.00	.00	.79	.53	.79	.53	.00	.00	.00	.00	.00	.00	2.90
(2)	.00	.00	.02	.00	.00	.00	.00	.07	.04	.07	.04	.00	.00	.00	.00	.00	.00	.25
2.1- 3.0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	1	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.26	.26	.26	.00	.26	.00	.00	.26	.00	1.32
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.00	.02	.00	.00	.02	.00	.11
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-35— {SSES 33' (10-m) 2001-2006 January JFD - continued}
(Page 2 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 8.49

	WIND DIRECTION FROM																	
SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	4	10	52	112	64	30	20	24	38	13	7	1	1	1	0	2	0	379
(1)	1.06	2.64	13.72	29.55	16.89	7.92	5.28	6.33	10.03	3.43	1.85	.26	.26	.26	.00	.53	.00	100.00
(2)	.09	.22	1.16	2.51	1.43	.67	.45	.54	.85	.29	.16	.02	.02	.02	.00	.04	.00	8.49

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-35— {SSES 33' (10-m) 2001-2006 January JFD - continued}

(Page 1 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 6.72**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.33	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.33
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	1	2	31	82	30	11	6	8	2	0	0	1	0	0	0	0	0	174
(1)	.33	.67	10.33	27.33	10.00	3.67	2.00	2.67	.67	.00	.00	.33	.00	.00	.00	.00	.00	58.00
(2)	.02	.04	.69	1.84	.67	.25	.13	.18	.04	.00	.00	.02	.00	.00	.00	.00	.00	3.90
1.1- 1.5	0	2	14	74	6	3	4	3	6	2	0	0	0	0	0	0	0	114
(1)	.00	.67	4.67	24.67	2.00	1.00	1.33	1.00	2.00	.67	.00	.00	.00	.00	.00	.00	.00	38.00
(2)	.00	.04	.31	1.66	.13	.07	.09	.07	.13	.04	.00	.00	.00	.00	.00	.00	.00	2.55
1.6- 2.0	0	0	2	3	0	0	0	0	0	4	0	0	0	0	0	0	0	9
(1)	.00	.00	.67	1.00	.00	.00	.00	.00	.00	1.33	.00	.00	.00	.00	.00	.00	.00	3.00
(2)	.00	.00	.04	.07	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.20
2.1- 3.0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
(1)	.00	.00	.33	.00	.00	.00	.00	.00	.00	.33	.00	.00	.00	.00	.00	.00	.00	.67
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.04
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-35— {SSES 33' (10-m) 2001-2006 January JFD - continued}

(Page 2 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 6.72**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	1	4	48	159	37	14	10	11	8	7	0	1	0	0	0	0	0	300
(1)	.33	1.33	16.00	53.00	12.33	4.67	3.33	3.67	2.67	2.33	.00	.33	.00	.00	.00	.00	.00	100.00
(2)	.02	.09	1.08	3.56	.83	.31	.22	.25	.18	.16	.00	.02	.00	.00	.00	.00	.00	6.72

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-35— {SSES 33' (10-m) 2001-2006 January JFD - continued}

(Page 1 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS ALL — CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	2	4	12	2	1	1	3	2	2	0	0	1	1	0	0	31
(1)	.00	.00	.04	.09	.27	.04	.02	.02	.07	.04	.04	.00	.00	.02	.02	.00	.00	.69
(2)	.00	.00	.04	.09	.27	.04	.02	.02	.07	.04	.04	.00	.00	.02	.02	.00	.00	.69
.5- 1.0	13	39	130	264	168	110	98	65	78	35	8	12	2	5	7	5	0	1039
(1)	.29	.87	2.91	5.91	3.76	2.46	2.20	1.46	1.75	.78	.18	.27	.04	.11	.16	.11	.00	23.28
(2)	.29	.87	2.91	5.91	3.76	2.46	2.20	1.46	1.75	.78	.18	.27	.04	.11	.16	.11	.00	23.28
1.1- 1.5	21	67	101	135	31	40	62	64	107	64	33	12	15	11	8	4	0	775
(1)	.47	1.50	2.26	3.02	.69	.90	1.39	1.43	2.40	1.43	.74	.27	.34	.25	.18	.09	.00	17.36
(2)	.47	1.50	2.26	3.02	.69	.90	1.39	1.43	2.40	1.43	.74	.27	.34	.25	.18	.09	.00	17.36
1.6- 2.0	42	64	59	16	10	9	22	26	42	81	50	23	14	14	15	15	0	502
(1)	.94	1.43	1.32	.36	.22	.20	.49	.58	.94	1.81	1.12	.52	.31	.31	.34	.34	.00	11.25
(2)	.94	1.43	1.32	.36	.22	.20	.49	.58	.94	1.81	1.12	.52	.31	.31	.34	.34	.00	11.25
2.1- 3.0	99	82	73	4	8	12	14	17	51	104	116	34	38	32	44	56	0	784
(1)	2.22	1.84	1.64	.09	.18	.27	.31	.38	1.14	2.33	2.60	.76	.85	.72	.99	1.25	.00	17.56
(2)	2.22	1.84	1.64	.09	.18	.27	.31	.38	1.14	2.33	2.60	.76	.85	.72	.99	1.25	.00	17.56
3.1- 4.0	87	31	37	4	1	3	2	6	12	36	145	51	26	32	46	84	0	603
(1)	1.95	.69	.83	.09	.02	.07	.04	.13	.27	.81	3.25	1.14	.58	.72	1.03	1.88	.00	13.51
(2)	1.95	.69	.83	.09	.02	.07	.04	.13	.27	.81	3.25	1.14	.58	.72	1.03	1.88	.00	13.51
4.1- 5.0	34	11	3	0	0	0	1	2	1	6	104	74	35	23	38	71	0	403
(1)	.76	.25	.07	.00	.00	.00	.02	.04	.02	.13	2.33	1.66	.78	.52	.85	1.59	.00	9.03
(2)	.76	.25	.07	.00	.00	.00	.02	.04	.02	.13	2.33	1.66	.78	.52	.85	1.59	.00	9.03
5.1- 6.0	10	1	0	0	0	0	1	1	5	3	41	53	19	14	44	30	0	222
(1)	.22	.02	.00	.00	.00	.00	.02	.02	.11	.07	.92	1.19	.43	.31	.99	.67	.00	4.97
(2)	.22	.02	.00	.00	.00	.00	.02	.02	.11	.07	.92	1.19	.43	.31	.99	.67	.00	4.97
6.1- 8.0	2	0	0	0	0	2	2	1	1	0	4	36	11	4	15	24	0	102

Table 2.3-35— {SSES 33' (10-m) 2001-2006 January JFD - continued}

(Page 2 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.04	.00	.00	.00	.00	.04	.04	.02	.02	.00	.09	.81	.25	.09	.34	.54	.00	2.28
(2)	.04	.00	.00	.00	.00	.04	.04	.02	.02	.00	.09	.81	.25	.09	.34	.54	.00	2.28
8.1-10.0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	3
(1)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.00	.02	.00	.07
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.00	.02	.00	.07
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	308	295	405	427	230	178	204	183	300	331	503	296	160	136	218	290	0	4464
(1)	6.90	6.61	9.07	9.57	5.15	3.99	4.57	4.10	6.72	7.41	11.27	6.63	3.58	3.05	4.88	6.50	.00	100.00
(2)	6.90	6.61	9.07	9.57	5.15	3.99	4.57	4.10	6.72	7.41	11.27	6.63	3.58	3.05	4.88	6.50	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-36— {SSES 33' (10-m) 2001-2006 February JFD}

(Page 1 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 3.77

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.65	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.65
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
1.1- 1.5	0	1	0	0	0	1	0	0	3	2	1	1	0	0	0	0	0	9
(1)	.00	.65	.00	.00	.00	.65	.00	.00	1.96	1.31	.65	.65	.00	.00	.00	.00	.00	5.88
(2)	.00	.02	.00	.00	.00	.02	.00	.00	.07	.05	.02	.02	.00	.00	.00	.00	.00	.22
1.6- 2.0	0	0	1	0	1	1	0	1	2	7	6	0	0	0	0	1	0	20
(1)	.00	.00	.65	.00	.65	.65	.00	.65	1.31	4.58	3.92	.00	.00	.00	.00	.65	.00	13.07
(2)	.00	.00	.02	.00	.02	.02	.00	.02	.05	.17	.15	.00	.00	.00	.00	.02	.00	.49
2.1- 3.0	0	1	6	3	0	1	2	0	1	11	17	1	0	2	0	0	0	45
(1)	.00	.65	3.92	1.96	.00	.65	1.31	.00	.65	7.19	11.11	.65	.00	1.31	.00	.00	.00	29.41
(2)	.00	.02	.15	.07	.00	.02	.05	.00	.02	.27	.42	.02	.00	.05	.00	.00	.00	1.11
3.1- 4.0	0	1	1	0	0	0	4	1	3	5	12	2	1	0	0	0	0	30
(1)	.00	.65	.65	.00	.00	.00	2.61	.65	1.96	3.27	7.84	1.31	.65	.00	.00	.00	.00	19.61
(2)	.00	.02	.02	.00	.00	.00	.10	.02	.07	.12	.30	.05	.02	.00	.00	.00	.00	.74
4.1- 5.0	0	0	1	0	0	0	0	0	4	2	23	4	1	0	0	0	0	35
(1)	.00	.00	.65	.00	.00	.00	.00	.00	2.61	1.31	15.03	2.61	.65	.00	.00	.00	.00	22.88
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.10	.05	.57	.10	.02	.00	.00	.00	.00	.86
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	1	0	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.23	.00	.00	.00	.65	.00	.00	5.88
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20	.00	.00	.00	.02	.00	.00	.22
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4

Table 2.3-36— {SSES 33' (10-m) 2001-2006 February JFD}

(Page 2 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 3.77**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.61	.00	.00	.00	.00	.00	.00	2.61
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00	.10
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	3	9	3	2	3	6	2	13	27	71	8	2	2	1	1	0	153
(1)	.00	1.96	5.88	1.96	1.31	1.96	3.92	1.31	8.50	17.65	46.41	5.23	1.31	1.31	.65	.65	.00	100.00
(2)	.00	.07	.22	.07	.05	.07	.15	.05	.32	.67	1.75	.20	.05	.05	.02	.02	.00	3.77

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-36— {SSES 33' (10-m) 2001-2006 February JFD - continued}

(Page 1 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 3.16

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	1	0	0	0	1	1	0	0	2	0	0	1	0	0	0	0	0	6
(1)	.78	.00	.00	.00	.78	.78	.00	.00	1.56	.00	.00	.78	.00	.00	.00	.00	.00	4.69
(2)	.02	.00	.00	.00	.02	.02	.00	.00	.05	.00	.00	.02	.00	.00	.00	.00	.00	.15
1.1- 1.5	0	0	0	0	1	0	0	1	1	2	0	0	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.78	.00	.00	.78	.78	1.56	.00	.00	.00	.00	.00	.00	.00	3.91
(2)	.00	.00	.00	.00	.02	.00	.00	.02	.02	.05	.00	.00	.00	.00	.00	.00	.00	.12
1.6- 2.0	0	0	2	1	1	0	1	0	1	3	2	0	0	0	0	1	0	12
(1)	.00	.00	1.56	.78	.78	.00	.78	.00	.78	2.34	1.56	.00	.00	.00	.00	.78	.00	9.38
(2)	.00	.00	.05	.02	.02	.00	.02	.00	.02	.07	.05	.00	.00	.00	.00	.02	.00	.30
2.1- 3.0	0	2	7	0	2	0	0	2	1	3	5	2	0	0	0	1	0	25
(1)	.00	1.56	5.47	.00	1.56	.00	.00	1.56	.78	2.34	3.91	1.56	.00	.00	.00	.78	.00	19.53
(2)	.00	.05	.17	.00	.05	.00	.00	.05	.02	.07	.12	.05	.00	.00	.00	.02	.00	.62
3.1- 4.0	3	4	5	0	0	0	0	0	4	1	8	4	1	0	0	0	0	30
(1)	2.34	3.13	3.91	.00	.00	.00	.00	.00	3.13	.78	6.25	3.13	.78	.00	.00	.00	.00	23.44
(2)	.07	.10	.12	.00	.00	.00	.00	.00	.10	.02	.20	.10	.02	.00	.00	.00	.00	.74
4.1- 5.0	1	1	1	0	0	0	0	0	0	3	20	2	1	0	0	1	0	30
(1)	.78	.78	.78	.00	.00	.00	.00	.00	.00	2.34	15.63	1.56	.78	.00	.00	.78	.00	23.44
(2)	.02	.02	.02	.00	.00	.00	.00	.00	.00	.07	.49	.05	.02	.00	.00	.02	.00	.74
5.1- 6.0	0	0	0	0	0	0	0	0	0	1	13	4	0	0	0	0	0	18
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.78	10.16	3.13	.00	.00	.00	.00	.00	14.06
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.32	.10	.00	.00	.00	.00	.00	.44
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2

Table 2.3-36— {SSES 33' (10-m) 2001-2006 February JFD - continued}
(Page 2 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.16**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.78	.78	.00	.00	.00	.00	.00	1.56
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.05
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	5	7	15	1	5	1	1	3	9	13	49	14	2	0	0	3	0	128
(1)	3.91	5.47	11.72	.78	3.91	.78	.78	2.34	7.03	10.16	38.28	10.94	1.56	.00	.00	2.34	.00	100.00
(2)	.12	.17	.37	.02	.12	.02	.02	.07	.22	.32	1.21	.35	.05	.00	.00	.07	.00	3.16

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-36— {SSES 33' (10-m) 2001-2006 February JFD - continued}

(Page 1 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.14**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	2	2	1	1	1	0	0	0	0	0	0	0	0	7
(1)	.00	.00	.00	.00	1.19	1.19	.60	.60	.60	.00	.00	.00	.00	.00	.00	.00	.00	4.17
(2)	.00	.00	.00	.00	.05	.05	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.17
1.1- 1.5	0	1	1	0	5	3	1	1	3	2	1	0	1	0	0	0	0	19
(1)	.00	.60	.60	.00	2.98	1.79	.60	.60	1.79	1.19	.60	.00	.60	.00	.00	.00	.00	11.31
(2)	.00	.02	.02	.00	.12	.07	.02	.02	.07	.05	.02	.00	.02	.00	.00	.00	.00	.47
1.6- 2.0	0	1	3	2	1	1	1	0	0	4	4	0	1	0	0	0	0	18
(1)	.00	.60	1.79	1.19	.60	.60	.60	.00	.00	2.38	2.38	.00	.60	.00	.00	.00	.00	10.71
(2)	.00	.02	.07	.05	.02	.02	.02	.00	.00	.10	.10	.00	.02	.00	.00	.00	.00	.44
2.1- 3.0	1	7	3	4	0	0	2	0	5	6	7	4	0	0	1	0	0	40
(1)	.60	4.17	1.79	2.38	.00	.00	1.19	.00	2.98	3.57	4.17	2.38	.00	.00	.60	.00	.00	23.81
(2)	.02	.17	.07	.10	.00	.00	.05	.00	.12	.15	.17	.10	.00	.00	.02	.00	.00	.99
3.1- 4.0	4	1	1	0	0	0	1	0	2	6	4	2	1	0	0	0	0	22
(1)	2.38	.60	.60	.00	.00	.00	.60	.00	1.19	3.57	2.38	1.19	.60	.00	.00	.00	.00	13.10
(2)	.10	.02	.02	.00	.00	.00	.02	.00	.05	.15	.10	.05	.02	.00	.00	.00	.00	.54
4.1- 5.0	3	0	3	0	0	0	0	0	1	3	13	6	3	3	1	2	0	38
(1)	1.79	.00	1.79	.00	.00	.00	.00	.00	.60	1.79	7.74	3.57	1.79	1.79	.60	1.19	.00	22.62
(2)	.07	.00	.07	.00	.00	.00	.00	.00	.02	.07	.32	.15	.07	.07	.02	.05	.00	.94
5.1- 6.0	0	0	0	0	0	0	0	0	1	0	9	0	3	0	1	3	0	17
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.60	.00	5.36	.00	1.79	.00	.60	1.79	.00	10.12
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.22	.00	.07	.00	.02	.07	.00	.42
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	3	1	3	0	0	0	0	7

Table 2.3-36— {SSES 33' (10-m) 2001-2006 February JFD - continued}
(Page 2 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.14**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.79	.60	1.79	.00	.00	.00	.00	4.17
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.02	.07	.00	.00	.00	.00	.17
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	8	10	11	6	8	6	6	2	13	21	41	13	12	3	3	5	0	168
(1)	4.76	5.95	6.55	3.57	4.76	3.57	3.57	1.19	7.74	12.50	24.40	7.74	7.14	1.79	1.79	2.98	.00	100.00
(2)	.20	.25	.27	.15	.20	.15	.15	.05	.32	.52	1.01	.32	.30	.07	.07	.12	.00	4.14

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-36— {SSES 33' (10-m) 2001-2006 February JFD - continued}

(Page 1 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 46.57**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	0	0	1	1	2	1	0	1	0	0	0	0	0	0	0	0	0	6
(1)	.00	.00	.05	.05	.11	.05	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.32
(2)	.00	.00	.02	.02	.05	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.15
.5- 1.0	6	18	16	14	10	13	12	10	9	5	5	2	1	0	5	5	0	131
(1)	.32	.95	.85	.74	.53	.69	.64	.53	.48	.26	.26	.11	.05	.00	.26	.26	.00	6.93
(2)	.15	.44	.39	.35	.25	.32	.30	.25	.22	.12	.12	.05	.02	.00	.12	.12	.00	3.23
1.1- 1.5	8	16	18	13	13	16	14	9	9	15	12	9	2	1	3	2	0	160
(1)	.42	.85	.95	.69	.69	.85	.74	.48	.48	.79	.64	.48	.11	.05	.16	.11	.00	8.47
(2)	.20	.39	.44	.32	.32	.39	.35	.22	.22	.37	.30	.22	.05	.02	.07	.05	.00	3.94
1.6- 2.0	6	14	21	15	5	13	5	14	10	15	9	5	8	5	6	9	0	160
(1)	.32	.74	1.11	.79	.26	.69	.26	.74	.53	.79	.48	.26	.42	.26	.32	.48	.00	8.47
(2)	.15	.35	.52	.37	.12	.32	.12	.35	.25	.37	.22	.12	.20	.12	.15	.22	.00	3.94
2.1- 3.0	34	31	34	10	5	7	15	24	24	31	28	19	17	17	21	35	0	352
(1)	1.80	1.64	1.80	.53	.26	.37	.79	1.27	1.27	1.64	1.48	1.01	.90	.90	1.11	1.85	.00	18.63
(2)	.84	.76	.84	.25	.12	.17	.37	.59	.59	.76	.69	.47	.42	.42	.52	.86	.00	8.68
3.1- 4.0	33	27	11	3	4	2	8	8	13	20	55	47	33	25	52	62	0	403
(1)	1.75	1.43	.58	.16	.21	.11	.42	.42	.69	1.06	2.91	2.49	1.75	1.32	2.75	3.28	.00	21.33
(2)	.81	.67	.27	.07	.10	.05	.20	.20	.32	.49	1.36	1.16	.81	.62	1.28	1.53	.00	9.94
4.1- 5.0	15	5	1	1	1	0	0	2	5	7	47	43	39	26	66	80	0	338
(1)	.79	.26	.05	.05	.05	.00	.00	.11	.26	.37	2.49	2.28	2.06	1.38	3.49	4.24	.00	17.89
(2)	.37	.12	.02	.02	.02	.00	.00	.05	.12	.17	1.16	1.06	.96	.64	1.63	1.97	.00	8.33
5.1- 6.0	5	0	0	0	0	1	0	0	0	2	30	29	17	20	61	32	0	197
(1)	.26	.00	.00	.00	.00	.05	.00	.00	.00	.11	1.59	1.54	.90	1.06	3.23	1.69	.00	10.43
(2)	.12	.00	.00	.00	.00	.02	.00	.00	.00	.05	.74	.71	.42	.49	1.50	.79	.00	4.86
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	33	26	16	9	21	22	0	127

Table 2.3-36— {SSES 33' (10-m) 2001-2006 February JFD - continued}

(Page 2 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 46.57**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.75	1.38	.85	.48	1.11	1.16	.00	6.72
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.81	.64	.39	.22	.52	.54	.00	3.13
8.1-10.0	0	0	0	0	0	0	0	0	0	0	2	5	4	1	0	0	0	12
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.26	.21	.05	.00	.00	.00	.64
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.12	.10	.02	.00	.00	.00	.30
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.05	.00	.00	.00	.00	.11
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.05
ALL SPEEDS	107	112	102	57	40	53	54	68	70	95	221	186	138	104	235	247	0	1889
(1)	5.66	5.93	5.40	3.02	2.12	2.81	2.86	3.60	3.71	5.03	11.70	9.85	7.31	5.51	12.44	13.08	.00	100.00
(2)	2.64	2.76	2.51	1.41	.99	1.31	1.33	1.68	1.73	2.34	5.45	4.59	3.40	2.56	5.79	6.09	.00	46.57

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-36— {SSES 33' (10-m) 2001-2006 February JFD - continued}

(Page 1 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 26.38**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.09	.00	.09	.00	.09	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.37
(2)	.00	.00	.02	.00	.02	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10
.5- 1.0	3	11	44	47	65	41	36	24	19	11	3	0	0	1	0	2	0	307
(1)	.28	1.03	4.11	4.39	6.07	3.83	3.36	2.24	1.78	1.03	.28	.00	.00	.09	.00	.19	.00	28.69
(2)	.07	.27	1.08	1.16	1.60	1.01	.89	.59	.47	.27	.07	.00	.00	.02	.00	.05	.00	7.57
1.1- 1.5	10	22	35	22	9	7	16	19	33	36	22	10	3	2	1	2	0	249
(1)	.93	2.06	3.27	2.06	.84	.65	1.50	1.78	3.08	3.36	2.06	.93	.28	.19	.09	.19	.00	23.27
(2)	.25	.54	.86	.54	.22	.17	.39	.47	.81	.89	.54	.25	.07	.05	.02	.05	.00	6.14
1.6- 2.0	15	13	10	4	2	3	6	8	16	43	16	10	4	2	3	3	0	158
(1)	1.40	1.21	.93	.37	.19	.28	.56	.75	1.50	4.02	1.50	.93	.37	.19	.28	.28	.00	14.77
(2)	.37	.32	.25	.10	.05	.07	.15	.20	.39	1.06	.39	.25	.10	.05	.07	.07	.00	3.90
2.1- 3.0	26	12	8	4	4	4	8	12	21	46	45	8	2	4	12	13	0	229
(1)	2.43	1.12	.75	.37	.37	.37	.75	1.12	1.96	4.30	4.21	.75	.19	.37	1.12	1.21	.00	21.40
(2)	.64	.30	.20	.10	.10	.10	.20	.30	.52	1.13	1.11	.20	.05	.10	.30	.32	.00	5.65
3.1- 4.0	8	3	10	1	2	0	1	2	4	8	31	8	2	0	1	7	0	88
(1)	.75	.28	.93	.09	.19	.00	.09	.19	.37	.75	2.90	.75	.19	.00	.09	.65	.00	8.22
(2)	.20	.07	.25	.02	.05	.00	.02	.05	.10	.20	.76	.20	.05	.00	.02	.17	.00	2.17
4.1- 5.0	2	2	0	0	0	0	0	1	5	3	5	2	1	0	0	2	0	23
(1)	.19	.19	.00	.00	.00	.00	.00	.09	.47	.28	.47	.19	.09	.00	.00	.19	.00	2.15
(2)	.05	.05	.00	.00	.00	.00	.00	.02	.12	.07	.12	.05	.02	.00	.00	.05	.00	.57
5.1- 6.0	0	0	0	0	0	0	2	1	0	2	1	1	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.19	.09	.00	.19	.09	.09	.00	.00	.00	.00	.00	.65
(2)	.00	.00	.00	.00	.00	.00	.05	.02	.00	.05	.02	.02	.00	.00	.00	.00	.00	.17
6.1- 8.0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	1	0	5

Table 2.3-36— {SSES 33' (10-m) 2001-2006 February JFD - continued}

(Page 2 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 26.38**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.09	.09	.00	.00	.09	.09	.00	.47
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.02	.02	.00	.00	.02	.02	.00	.12
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	64	63	108	78	83	55	71	68	98	149	124	40	12	9	18	30	0	1070
(1)	5.98	5.89	10.09	7.29	7.76	5.14	6.64	6.36	9.16	13.93	11.59	3.74	1.12	.84	1.68	2.80	.00	100.00
(2)	1.58	1.55	2.66	1.92	2.05	1.36	1.75	1.68	2.42	3.67	3.06	.99	.30	.22	.44	.74	.00	26.38

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-36— {SSES 33' (10-m) 2001-2006 February JFD - continued}

(Page 1 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 9.54**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	1	0	1	0	0	1	0	1	0	0	0	1	0	0	0	0	5
(1)	.00	.26	.00	.26	.00	.00	.26	.00	.26	.00	.00	.00	.26	.00	.00	.00	.00	1.29
(2)	.00	.02	.00	.02	.00	.00	.02	.00	.02	.00	.00	.00	.02	.00	.00	.00	.00	.12
.5- 1.0	2	6	33	86	47	32	14	11	15	4	0	0	0	0	0	0	0	250
(1)	.52	1.55	8.53	22.22	12.14	8.27	3.62	2.84	3.88	1.03	.00	.00	.00	.00	.00	.00	.00	64.60
(2)	.05	.15	.81	2.12	1.16	.79	.35	.27	.37	.10	.00	.00	.00	.00	.00	.00	.00	6.16
1.1- 1.5	1	8	20	54	5	0	5	5	6	2	0	1	1	0	0	0	0	108
(1)	.26	2.07	5.17	13.95	1.29	.00	1.29	1.29	1.55	.52	.00	.26	.26	.00	.00	.00	.00	27.91
(2)	.02	.20	.49	1.33	.12	.00	.12	.12	.15	.05	.00	.02	.02	.00	.00	.00	.00	2.66
1.6- 2.0	0	5	3	2	0	0	0	0	2	3	1	1	0	0	0	0	0	17
(1)	.00	1.29	.78	.52	.00	.00	.00	.00	.52	.78	.26	.26	.00	.00	.00	.00	.00	4.39
(2)	.00	.12	.07	.05	.00	.00	.00	.00	.05	.07	.02	.02	.00	.00	.00	.00	.00	.42
2.1- 3.0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	5
(1)	.26	.00	.00	.00	.00	.00	.00	.26	.00	.00	.00	.26	.00	.00	.00	.52	.00	1.29
(2)	.02	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.02	.00	.00	.00	.05	.00	.12
3.1- 4.0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
(1)	.26	.00	.00	.00	.00	.00	.00	.00	.00	.26	.00	.00	.00	.00	.00	.00	.00	.52
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.05
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-36— {SSES 33' (10-m) 2001-2006 February JFD - continued}
(Page 2 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 9.54**
WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	5	20	56	143	52	32	20	17	24	10	1	3	2	0	0	2	0	387
(1)	1.29	5.17	14.47	36.95	13.44	8.27	5.17	4.39	6.20	2.58	.26	.78	.52	.00	.00	.52	.00	100.00
(2)	.12	.49	1.38	3.53	1.28	.79	.49	.42	.59	.25	.02	.07	.05	.00	.00	.05	.00	9.54

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-36— {SSES 33' (10-m) 2001-2006 February JFD - continued}
(Page 1 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 6.43**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	1	27	88	30	6	7	3	1	1	0	0	0	0	0	0	0	164
(1)	.00	.38	10.34	33.72	11.49	2.30	2.68	1.15	.38	.38	.00	.00	.00	.00	.00	.00	.00	62.84
(2)	.00	.02	.67	2.17	.74	.15	.17	.07	.02	.02	.00	.00	.00	.00	.00	.00	.00	4.04
1.1- 1.5	0	1	16	61	5	3	3	1	2	0	0	0	0	0	0	0	0	92
(1)	.00	.38	6.13	23.37	1.92	1.15	1.15	.38	.77	.00	.00	.00	.00	.00	.00	.00	.00	35.25
(2)	.00	.02	.39	1.50	.12	.07	.07	.02	.05	.00	.00	.00	.00	.00	.00	.00	.00	2.27
1.6- 2.0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5
(1)	.00	.00	.77	1.15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.92
(2)	.00	.00	.05	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12
2.1- 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-36— {SSES 33' (10-m) 2001-2006 February JFD - continued}
(Page 2 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 6.43**
WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	2	45	152	35	9	10	4	3	1	0	0	0	0	0	0	0	261
(1)	.00	.77	17.24	58.24	13.41	3.45	3.83	1.53	1.15	.38	.00	.00	.00	.00	.00	.00	.00	100.00
(2)	.00	.05	1.11	3.75	.86	.22	.25	.10	.07	.02	.00	.00	.00	.00	.00	.00	.00	6.43

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-36— {SSES 33' (10-m) 2001-2006 February JFD - continued}
(Page 1 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	0	1	2	2	3	1	2	2	1	0	0	0	1	0	0	0	0	15
(1)	.00	.02	.05	.05	.07	.02	.05	.05	.02	.00	.00	.00	.02	.00	.00	.00	.00	.37
(2)	.00	.02	.05	.05	.07	.02	.05	.05	.02	.00	.00	.00	.02	.00	.00	.00	.00	.37
.5- 1.0	12	36	120	235	156	95	70	49	47	21	8	3	1	1	5	7	0	866
(1)	.30	.89	2.96	5.79	3.85	2.34	1.73	1.21	1.16	.52	.20	.07	.02	.02	.12	.17	.00	21.35
(2)	.30	.89	2.96	5.79	3.85	2.34	1.73	1.21	1.16	.52	.20	.07	.02	.02	.12	.17	.00	21.35
1.1- 1.5	19	49	90	150	38	30	39	36	57	59	36	21	7	3	4	4	0	642
(1)	.47	1.21	2.22	3.70	.94	.74	.96	.89	1.41	1.45	.89	.52	.17	.07	.10	.10	.00	15.83
(2)	.47	1.21	2.22	3.70	.94	.74	.96	.89	1.41	1.45	.89	.52	.17	.07	.10	.10	.00	15.83
1.6- 2.0	21	33	42	27	10	18	13	23	31	75	38	16	13	7	9	14	0	390
(1)	.52	.81	1.04	.67	.25	.44	.32	.57	.76	1.85	.94	.39	.32	.17	.22	.35	.00	9.62
(2)	.52	.81	1.04	.67	.25	.44	.32	.57	.76	1.85	.94	.39	.32	.17	.22	.35	.00	9.62
2.1- 3.0	62	53	58	21	11	12	27	39	52	97	102	35	19	23	34	51	0	696
(1)	1.53	1.31	1.43	.52	.27	.30	.67	.96	1.28	2.39	2.51	.86	.47	.57	.84	1.26	.00	17.16
(2)	1.53	1.31	1.43	.52	.27	.30	.67	.96	1.28	2.39	2.51	.86	.47	.57	.84	1.26	.00	17.16
3.1- 4.0	49	36	28	4	6	2	14	11	26	41	110	63	38	25	53	69	0	575
(1)	1.21	.89	.69	.10	.15	.05	.35	.27	.64	1.01	2.71	1.55	.94	.62	1.31	1.70	.00	14.18
(2)	1.21	.89	.69	.10	.15	.05	.35	.27	.64	1.01	2.71	1.55	.94	.62	1.31	1.70	.00	14.18
4.1- 5.0	21	8	6	1	1	0	0	3	15	18	108	57	45	29	67	85	0	464
(1)	.52	.20	.15	.02	.02	.00	.00	.07	.37	.44	2.66	1.41	1.11	.71	1.65	2.10	.00	11.44
(2)	.52	.20	.15	.02	.02	.00	.00	.07	.37	.44	2.66	1.41	1.11	.71	1.65	2.10	.00	11.44
5.1- 6.0	5	0	0	0	0	1	2	1	1	5	61	34	20	20	63	35	0	248
(1)	.12	.00	.00	.00	.00	.02	.05	.02	.02	.12	1.50	.84	.49	.49	1.55	.86	.00	6.11
(2)	.12	.00	.00	.00	.00	.02	.05	.02	.02	.12	1.50	.84	.49	.49	1.55	.86	.00	6.11
6.1- 8.0	0	0	0	0	0	0	1	0	0	0	42	29	19	9	22	23	0	145

Table 2.3-36— {SSES 33' (10-m) 2001-2006 February JFD - continued}

(Page 2 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	1.04	.71	.47	.22	.54	.57	.00	3.57
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	1.04	.71	.47	.22	.54	.57	.00	3.57
8.1-10.0	0	0	0	0	0	0	0	0	0	0	2	5	4	1	0	0	0	12
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.12	.10	.02	.00	.00	.00	.30
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.12	.10	.02	.00	.00	.00	.30
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.05
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.05
ALL SPEEDS	189	217	346	440	225	159	168	164	230	316	507	264	168	118	257	288	0	4056
(1)	4.66	5.35	8.53	10.85	5.55	3.92	4.14	4.04	5.67	7.79	12.50	6.51	4.14	2.91	6.34	7.10	.00	100.00
(2)	4.66	5.35	8.53	10.85	5.55	3.92	4.14	4.04	5.67	7.79	12.50	6.51	4.14	2.91	6.34	7.10	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-37— {SSES 33' (10-m) 2001-2006 March JFD}

(Page 1 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 5.69**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.39	.00	.00	.39	.00	.00	.00	.00	.00	.00	.79
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.04
1.1- 1.5	0	1	1	1	2	0	2	1	2	3	3	0	1	0	0	0	0	17
(1)	.00	.39	.39	.39	.79	.00	.79	.39	.79	1.18	1.18	.00	.39	.00	.00	.00	.00	6.69
(2)	.00	.02	.02	.02	.04	.00	.04	.02	.04	.07	.07	.00	.02	.00	.00	.00	.00	.38
1.6- 2.0	1	0	3	2	0	2	0	2	2	4	8	1	0	0	1	0	0	26
(1)	.39	.00	1.18	.79	.00	.79	.00	.79	.79	1.57	3.15	.39	.00	.00	.39	.00	.00	10.24
(2)	.02	.00	.07	.04	.00	.04	.00	.04	.04	.09	.18	.02	.00	.00	.02	.00	.00	.58
2.1- 3.0	1	1	1	1	1	1	2	2	6	9	17	14	3	0	1	0	0	60
(1)	.39	.39	.39	.39	.39	.39	.79	.79	2.36	3.54	6.69	5.51	1.18	.00	.39	.00	.00	23.62
(2)	.02	.02	.02	.02	.02	.02	.04	.04	.13	.20	.38	.31	.07	.00	.02	.00	.00	1.34
3.1- 4.0	0	3	2	1	0	1	9	2	8	12	10	6	4	2	1	1	0	62
(1)	.00	1.18	.79	.39	.00	.39	3.54	.79	3.15	4.72	3.94	2.36	1.57	.79	.39	.39	.00	24.41
(2)	.00	.07	.04	.02	.00	.02	.20	.04	.18	.27	.22	.13	.09	.04	.02	.02	.00	1.39
4.1- 5.0	0	0	0	0	0	0	8	1	11	12	16	3	3	0	2	0	0	56
(1)	.00	.00	.00	.00	.00	.00	3.15	.39	4.33	4.72	6.30	1.18	1.18	.00	.79	.00	.00	22.05
(2)	.00	.00	.00	.00	.00	.00	.18	.02	.25	.27	.36	.07	.07	.00	.04	.00	.00	1.25
5.1- 6.0	0	0	0	0	0	0	0	0	0	3	11	5	2	0	1	2	0	24
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.18	4.33	1.97	.79	.00	.39	.79	.00	9.45
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.25	.11	.04	.00	.02	.04	.00	.54
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	1	0	7

Table 2.3-37— {SSES 33' (10-m) 2001-2006 March JFD}

(Page 2 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 5.69**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.97	.39	.00	.00	.00	.39	.00	2.76
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.02	.00	.00	.00	.02	.00	.16
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	2	5	7	5	3	4	21	9	29	43	71	30	13	2	6	4	0	254
(1)	.79	1.97	2.76	1.97	1.18	1.57	8.27	3.54	11.42	16.93	27.95	11.81	5.12	.79	2.36	1.57	.00	100.00
(2)	.04	.11	.16	.11	.07	.09	.47	.20	.65	.96	1.59	.67	.29	.04	.13	.09	.00	5.69

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-37— {SSES 33' (10-m) 2001-2006 March JFD - continued}

(Page 1 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.23**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
1.1- 1.5	0	0	2	1	1	2	0	2	3	2	0	0	0	1	0	0	0	14
(1)	.00	.00	1.39	.69	.69	1.39	.00	1.39	2.08	1.39	.00	.00	.00	.69	.00	.00	.00	9.72
(2)	.00	.00	.04	.02	.02	.04	.00	.04	.07	.04	.00	.00	.00	.02	.00	.00	.00	.31
1.6- 2.0	2	1	0	1	0	1	0	2	0	1	0	0	0	0	0	0	0	8
(1)	1.39	.69	.00	.69	.00	.69	.00	1.39	.00	.69	.00	.00	.00	.00	.00	.00	.00	5.56
(2)	.04	.02	.00	.02	.00	.02	.00	.04	.00	.02	.00	.00	.00	.00	.00	.00	.00	.18
2.1- 3.0	1	1	3	0	0	1	3	3	7	7	5	3	2	0	0	1	0	37
(1)	.69	.69	2.08	.00	.00	.69	2.08	2.08	4.86	4.86	3.47	2.08	1.39	.00	.00	.69	.00	25.69
(2)	.02	.02	.07	.00	.00	.02	.07	.07	.16	.16	.11	.07	.04	.00	.00	.02	.00	.83
3.1- 4.0	2	0	0	0	2	0	1	3	2	2	5	3	0	1	2	3	0	26
(1)	1.39	.00	.00	.00	1.39	.00	.69	2.08	1.39	1.39	3.47	2.08	.00	.69	1.39	2.08	.00	18.06
(2)	.04	.00	.00	.00	.04	.00	.02	.07	.04	.04	.11	.07	.00	.02	.04	.07	.00	.58
4.1- 5.0	1	0	0	0	0	0	1	0	0	3	7	6	4	3	1	7	0	33
(1)	.69	.00	.00	.00	.00	.00	.69	.00	.00	2.08	4.86	4.17	2.78	2.08	.69	4.86	.00	22.92
(2)	.02	.00	.00	.00	.00	.00	.02	.00	.00	.07	.16	.13	.09	.07	.02	.16	.00	.74
5.1- 6.0	0	0	0	0	0	0	0	0	0	1	6	8	0	1	3	0	0	19
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.69	4.17	5.56	.00	.69	2.08	.00	.00	13.19
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.13	.18	.00	.02	.07	.00	.00	.43
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	6

Table 2.3-37— {SSES 33' (10-m) 2001-2006 March JFD - continued}
(Page 2 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.23**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.08	2.08	.00	.00	.00	.00	.00	4.17
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.07	.00	.00	.00	.00	.00	.13
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.69	.00	.00	.00	.00	.00	.00	.69
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	6	2	5	2	3	4	5	10	12	16	27	23	6	6	6	11	0	144
(1)	4.17	1.39	3.47	1.39	2.08	2.78	3.47	6.94	8.33	11.11	18.75	15.97	4.17	4.17	4.17	7.64	.00	100.00
(2)	.13	.04	.11	.04	.07	.09	.11	.22	.27	.36	.60	.52	.13	.13	.13	.25	.00	3.23

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-37— {SSES 33' (10-m) 2001-2006 March JFD - continued}

(Page 1 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 3.92

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	2	0	1	0	1	0	0	1	0	0	1	0	0	0	6
(1)	.00	.00	.00	1.14	.00	.57	.00	.57	.00	.00	.57	.00	.00	.57	.00	.00	.00	3.43
(2)	.00	.00	.00	.04	.00	.02	.00	.02	.00	.00	.02	.00	.00	.02	.00	.00	.00	.13
1.1- 1.5	0	0	2	1	1	0	1	0	3	3	1	0	1	0	0	0	0	13
(1)	.00	.00	1.14	.57	.57	.00	.57	.00	1.71	1.71	.57	.00	.57	.00	.00	.00	.00	7.43
(2)	.00	.00	.04	.02	.02	.00	.02	.00	.07	.07	.02	.00	.02	.00	.00	.00	.00	.29
1.6- 2.0	1	0	1	0	1	0	0	0	0	3	3	0	1	0	0	1	0	11
(1)	.57	.00	.57	.00	.57	.00	.00	.00	.00	1.71	1.71	.00	.57	.00	.00	.57	.00	6.29
(2)	.02	.00	.02	.00	.02	.00	.00	.00	.00	.07	.07	.00	.02	.00	.00	.02	.00	.25
2.1- 3.0	1	7	5	1	1	0	2	1	1	2	5	9	1	0	0	0	0	36
(1)	.57	4.00	2.86	.57	.57	.00	1.14	.57	.57	1.14	2.86	5.14	.57	.00	.00	.00	.00	20.57
(2)	.02	.16	.11	.02	.02	.00	.04	.02	.02	.04	.11	.20	.02	.00	.00	.00	.00	.81
3.1- 4.0	4	1	1	0	0	0	3	1	4	0	10	7	3	1	5	4	0	44
(1)	2.29	.57	.57	.00	.00	.00	1.71	.57	2.29	.00	5.71	4.00	1.71	.57	2.86	2.29	.00	25.14
(2)	.09	.02	.02	.00	.00	.00	.07	.02	.09	.00	.22	.16	.07	.02	.11	.09	.00	.99
4.1- 5.0	4	0	0	0	0	0	1	1	4	1	4	5	4	1	4	5	0	34
(1)	2.29	.00	.00	.00	.00	.00	.57	.57	2.29	.57	2.29	2.86	2.29	.57	2.29	2.86	.00	19.43
(2)	.09	.00	.00	.00	.00	.00	.02	.02	.09	.02	.09	.11	.09	.02	.09	.11	.00	.76
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	3	5	2	1	6	2	0	19
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.71	2.86	1.14	.57	3.43	1.14	.00	10.86
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.11	.04	.02	.13	.04	.00	.43
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	3	3	1	0	2	1	0	10

Table 2.3-37— {SSES 33' (10-m) 2001-2006 March JFD - continued}

(Page 2 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 3.92**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.71	1.71	.57	.00	1.14	.57	.00	5.71
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.07	.02	.00	.04	.02	.00	.22
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.57	.57	.00	.00	.00	.00	.00	1.14
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.04
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	10	8	9	4	3	1	7	4	12	9	31	30	13	4	17	13	0	175
(1)	5.71	4.57	5.14	2.29	1.71	.57	4.00	2.29	6.86	5.14	17.71	17.14	7.43	2.29	9.71	7.43	.00	100.00
(2)	.22	.18	.20	.09	.07	.02	.16	.09	.27	.20	.69	.67	.29	.09	.38	.29	.00	3.92

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-37— {SSES 33' (10-m) 2001-2006 March JFD - continued}

(Page 1 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 46.53**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.05	.00	.00	.05	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
(2)	.00	.00	.00	.02	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	4	9	8	10	22	13	13	7	15	1	3	0	0	1	0	2	0	108
(1)	.19	.43	.39	.48	1.06	.63	.63	.34	.72	.05	.14	.00	.00	.05	.00	.10	.00	5.20
(2)	.09	.20	.18	.22	.49	.29	.29	.16	.34	.02	.07	.00	.00	.02	.00	.04	.00	2.42
1.1- 1.5	7	17	17	9	14	8	11	10	15	16	10	5	4	5	6	7	0	161
(1)	.34	.82	.82	.43	.67	.39	.53	.48	.72	.77	.48	.24	.19	.24	.29	.34	.00	7.75
(2)	.16	.38	.38	.20	.31	.18	.25	.22	.34	.36	.22	.11	.09	.11	.13	.16	.00	3.61
1.6- 2.0	18	21	20	21	14	12	8	7	9	20	23	11	17	7	12	4	0	224
(1)	.87	1.01	.96	1.01	.67	.58	.39	.34	.43	.96	1.11	.53	.82	.34	.58	.19	.00	10.78
(2)	.40	.47	.45	.47	.31	.27	.18	.16	.20	.45	.52	.25	.38	.16	.27	.09	.00	5.02
2.1- 3.0	53	61	51	17	16	17	33	22	18	17	45	25	24	43	51	55	0	548
(1)	2.55	2.94	2.46	.82	.77	.82	1.59	1.06	.87	.82	2.17	1.20	1.16	2.07	2.46	2.65	.00	26.38
(2)	1.19	1.37	1.14	.38	.36	.38	.74	.49	.40	.38	1.01	.56	.54	.96	1.14	1.23	.00	12.28
3.1- 4.0	56	26	23	8	3	4	17	21	18	15	22	38	25	54	59	52	0	441
(1)	2.70	1.25	1.11	.39	.14	.19	.82	1.01	.87	.72	1.06	1.83	1.20	2.60	2.84	2.50	.00	21.23
(2)	1.25	.58	.52	.18	.07	.09	.38	.47	.40	.34	.49	.85	.56	1.21	1.32	1.16	.00	9.88
4.1- 5.0	27	8	6	1	1	4	3	8	10	5	16	45	34	40	62	41	0	311
(1)	1.30	.39	.29	.05	.05	.19	.14	.39	.48	.24	.77	2.17	1.64	1.93	2.99	1.97	.00	14.97
(2)	.60	.18	.13	.02	.02	.09	.07	.18	.22	.11	.36	1.01	.76	.90	1.39	.92	.00	6.97
5.1- 6.0	3	0	3	0	0	2	0	1	2	1	4	27	29	41	37	22	0	172
(1)	.14	.00	.14	.00	.00	.10	.00	.05	.10	.05	.19	1.30	1.40	1.97	1.78	1.06	.00	8.28
(2)	.07	.00	.07	.00	.00	.04	.00	.02	.04	.02	.09	.60	.65	.92	.83	.49	.00	3.85
6.1- 8.0	1	0	1	0	0	0	0	0	0	2	4	27	33	15	9	8	0	100

Table 2.3-37— {SSES 33' (10-m) 2001-2006 March JFD - continued}

(Page 2 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 46.53**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.05	.00	.05	.00	.00	.00	.00	.00	.00	.10	.19	1.30	1.59	.72	.43	.39	.00	4.81
(2)	.02	.00	.02	.00	.00	.00	.00	.00	.00	.04	.09	.60	.74	.34	.20	.18	.00	2.24
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	4	4	0	0	0	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.19	.19	.00	.00	.00	.00	.43
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.09	.09	.00	.00	.00	.00	.20
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	169	142	129	67	70	60	86	77	87	77	128	182	170	206	236	191	0	2077
(1)	8.14	6.84	6.21	3.23	3.37	2.89	4.14	3.71	4.19	3.71	6.16	8.76	8.18	9.92	11.36	9.20	.00	100.00
(2)	3.79	3.18	2.89	1.50	1.57	1.34	1.93	1.72	1.95	1.72	2.87	4.08	3.81	4.61	5.29	4.28	.00	46.53

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-37— {SSES 33' (10-m) 2001-2006 March JFD - continued}

(Page 1 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 23.77**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	0	1	2	1	1	1	1	1	1	0	0	0	0	0	0	1	0	10
(1)	.00	.09	.19	.09	.09	.09	.09	.09	.09	.00	.00	.00	.00	.00	.00	.09	.00	.94
(2)	.00	.02	.04	.02	.02	.02	.02	.02	.02	.00	.00	.00	.00	.00	.00	.02	.00	.22
.5- 1.0	11	16	38	57	43	38	35	29	25	22	15	6	2	1	2	2	0	342
(1)	1.04	1.51	3.58	5.37	4.05	3.58	3.30	2.73	2.36	2.07	1.41	.57	.19	.09	.19	.19	.00	32.23
(2)	.25	.36	.85	1.28	.96	.85	.78	.65	.56	.49	.34	.13	.04	.02	.04	.04	.00	7.66
1.1- 1.5	19	27	27	16	13	6	15	15	12	29	23	9	8	3	2	4	0	228
(1)	1.79	2.54	2.54	1.51	1.23	.57	1.41	1.41	1.13	2.73	2.17	.85	.75	.28	.19	.38	.00	21.49
(2)	.43	.60	.60	.36	.29	.13	.34	.34	.27	.65	.52	.20	.18	.07	.04	.09	.00	5.11
1.6- 2.0	13	31	15	3	2	5	0	9	9	17	20	13	6	7	3	4	0	157
(1)	1.23	2.92	1.41	.28	.19	.47	.00	.85	.85	1.60	1.89	1.23	.57	.66	.28	.38	.00	14.80
(2)	.29	.69	.34	.07	.04	.11	.00	.20	.20	.38	.45	.29	.13	.16	.07	.09	.00	3.52
2.1- 3.0	22	34	27	2	7	6	6	7	12	19	26	9	11	3	7	6	0	204
(1)	2.07	3.20	2.54	.19	.66	.57	.57	.66	1.13	1.79	2.45	.85	1.04	.28	.66	.57	.00	19.23
(2)	.49	.76	.60	.04	.16	.13	.13	.16	.27	.43	.58	.20	.25	.07	.16	.13	.00	4.57
3.1- 4.0	6	17	7	1	1	2	1	4	6	8	12	4	3	2	6	2	0	82
(1)	.57	1.60	.66	.09	.09	.19	.09	.38	.57	.75	1.13	.38	.28	.19	.57	.19	.00	7.73
(2)	.13	.38	.16	.02	.02	.04	.02	.09	.13	.18	.27	.09	.07	.04	.13	.04	.00	1.84
4.1- 5.0	3	4	0	0	0	1	0	1	5	4	4	1	0	1	0	0	0	24
(1)	.28	.38	.00	.00	.00	.09	.00	.09	.47	.38	.38	.09	.00	.09	.00	.00	.00	2.26
(2)	.07	.09	.00	.00	.00	.02	.00	.02	.11	.09	.09	.02	.00	.02	.00	.00	.00	.54
5.1- 6.0	1	0	0	0	0	0	0	0	1	0	1	0	0	4	0	1	0	8
(1)	.09	.00	.00	.00	.00	.00	.00	.00	.09	.00	.09	.00	.00	.38	.00	.09	.00	.75
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.09	.00	.02	.00	.18
6.1- 8.0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0	4

Table 2.3-37— {SSES 33' (10-m) 2001-2006 March JFD - continued}

(Page 2 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 23.77**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.09	.00	.28	.00	.00	.00	.00	.00	.00	.00	.00	.38
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.07	.00	.00	.00	.00	.00	.00	.00	.00	.09
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	75	130	117	80	67	59	59	66	74	99	102	42	30	21	20	20	0	1061
(1)	7.07	12.25	11.03	7.54	6.31	5.56	5.56	6.22	6.97	9.33	9.61	3.96	2.83	1.98	1.89	1.89	.00	100.00
(2)	1.68	2.91	2.62	1.79	1.50	1.32	1.32	1.48	1.66	2.22	2.28	.94	.67	.47	.45	.45	.00	23.77

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-37— {SSES 33' (10-m) 2001-2006 March JFD - continued}

(Page 1 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 9.12**

	WIND DIRECTION FROM																	
SPEED m/s	**N**	**NNE**	**NE**	**ENE**	**E**	**ESE**	**SE**	**SSE**	**S**	**SSW**	**SW**	**WSW**	**W**	**WNW**	**NW**	**NNW**	**VRBL**	**TOTAL**
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	1	14	53	92	51	28	14	11	13	5	2	0	0	0	2	0	0	286
(1)	.25	3.44	13.02	22.60	12.53	6.88	3.44	2.70	3.19	1.23	.49	.00	.00	.00	.49	.00	.00	70.27
(2)	.02	.31	1.19	2.06	1.14	.63	.31	.25	.29	.11	.04	.00	.00	.00	.04	.00	.00	6.41
1.1- 1.5	5	4	24	28	5	2	2	5	1	3	2	1	0	0	1	0	0	83
(1)	1.23	.98	5.90	6.88	1.23	.49	.49	1.23	.25	.74	.49	.25	.00	.00	.25	.00	.00	20.39
(2)	.11	.09	.54	.63	.11	.04	.04	.11	.02	.07	.04	.02	.00	.00	.02	.00	.00	1.86
1.6- 2.0	0	5	6	4	0	0	0	2	1	3	4	1	0	0	1	0	0	27
(1)	.00	1.23	1.47	.98	.00	.00	.00	.49	.25	.74	.98	.25	.00	.00	.25	.00	.00	6.63
(2)	.00	.11	.13	.09	.00	.00	.00	.04	.02	.07	.09	.02	.00	.00	.02	.00	.00	.60
2.1- 3.0	1	1	0	0	0	0	0	0	1	0	5	2	0	1	0	0	0	11
(1)	.25	.25	.00	.00	.00	.00	.00	.00	.25	.00	1.23	.49	.00	.25	.00	.00	.00	2.70
(2)	.02	.02	.00	.00	.00	.00	.00	.00	.02	.00	.11	.04	.00	.02	.00	.00	.00	.25
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-37— {SSES 33' (10-m) 2001-2006 March JFD - continued}

(Page 2 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 9.12**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	7	24	83	124	56	30	16	18	16	11	13	4	0	1	4	0	0	407
(1)	1.72	5.90	20.39	30.47	13.76	7.37	3.93	4.42	3.93	2.70	3.19	.98	.00	.25	.98	.00	.00	100.00
(2)	.16	.54	1.86	2.78	1.25	.67	.36	.40	.36	.25	.29	.09	.00	.02	.09	.00	.00	9.12

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-37— {SSES 33' (10-m) 2001-2006 March JFD - continued}

(Page 1 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.75**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	2	5	51	102	24	7	12	5	3	0	0	0	0	0	0	0	0	211
(1)	.58	1.45	14.74	29.48	6.94	2.02	3.47	1.45	.87	.00	.00	.00	.00	.00	.00	.00	.00	60.98
(2)	.04	.11	1.14	2.28	.54	.16	.27	.11	.07	.00	.00	.00	.00	.00	.00	.00	.00	4.73
1.1- 1.5	1	1	29	77	2	2	0	0	2	1	0	0	0	0	0	0	0	115
(1)	.29	.29	8.38	22.25	.58	.58	.00	.00	.58	.29	.00	.00	.00	.00	.00	.00	.00	33.24
(2)	.02	.02	.65	1.72	.04	.04	.00	.00	.04	.02	.00	.00	.00	.00	.00	.00	.00	2.58
1.6- 2.0	0	1	6	9	0	0	0	0	0	0	1	0	0	0	0	0	0	17
(1)	.00	.29	1.73	2.60	.00	.00	.00	.00	.00	.00	.29	.00	.00	.00	.00	.00	.00	4.91
(2)	.00	.02	.13	.20	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.38
2.1- 3.0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.29	.29	.00	.00	.29	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.87
(2)	.00	.00	.02	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-37— {SSES 33' (10-m) 2001-2006 March JFD - continued}
(Page 2 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.75**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	3	7	87	189	26	9	13	5	5	1	1	0	0	0	0	0	0	346
(1)	.87	2.02	25.14	54.62	7.51	2.60	3.76	1.45	1.45	.29	.29	.00	.00	.00	.00	.00	.00	100.00
(2)	.07	.16	1.95	4.23	.58	.20	.29	.11	.11	.02	.02	.00	.00	.00	.00	.00	.00	7.75

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-37— {SSES 33' (10-m) 2001-2006 March JFD - continued}

(Page 1 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS ALL — CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	0	1	2	2	1	1	2	2	1	0	0	0	0	0	0	1	0	13
(1)	.00	.02	.04	.04	.02	.02	.04	.04	.02	.00	.00	.00	.00	.00	.00	.02	.00	.29
(2)	.00	.02	.04	.04	.02	.02	.04	.04	.02	.00	.00	.00	.00	.00	.00	.02	.00	.29
.5- 1.0	18	44	150	263	140	87	74	54	56	28	22	6	2	3	4	4	0	955
(1)	.40	.99	3.36	5.89	3.14	1.95	1.66	1.21	1.25	.63	.49	.13	.04	.07	.09	.09	.00	21.39
(2)	.40	.99	3.36	5.89	3.14	1.95	1.66	1.21	1.25	.63	.49	.13	.04	.07	.09	.09	.00	21.39
1.1- 1.5	32	50	102	133	38	20	31	33	38	57	39	15	14	9	9	11	0	631
(1)	.72	1.12	2.28	2.98	.85	.45	.69	.74	.85	1.28	.87	.34	.31	.20	.20	.25	.00	14.14
(2)	.72	1.12	2.28	2.98	.85	.45	.69	.74	.85	1.28	.87	.34	.31	.20	.20	.25	.00	14.14
1.6- 2.0	35	59	51	40	17	20	8	22	21	48	59	26	24	14	17	9	0	470
(1)	.78	1.32	1.14	.90	.38	.45	.18	.49	.47	1.08	1.32	.58	.54	.31	.38	.20	.00	10.53
(2)	.78	1.32	1.14	.90	.38	.45	.18	.49	.47	1.08	1.32	.58	.54	.31	.38	.20	.00	10.53
2.1- 3.0	79	105	88	22	25	25	47	35	45	54	103	62	41	47	59	62	0	899
(1)	1.77	2.35	1.97	.49	.56	.56	1.05	.78	1.01	1.21	2.31	1.39	.92	1.05	1.32	1.39	.00	20.14
(2)	1.77	2.35	1.97	.49	.56	.56	1.05	.78	1.01	1.21	2.31	1.39	.92	1.05	1.32	1.39	.00	20.14
3.1- 4.0	68	47	33	10	6	7	31	31	38	37	59	58	35	60	73	62	0	655
(1)	1.52	1.05	.74	.22	.13	.16	.69	.69	.85	.83	1.32	1.30	.78	1.34	1.64	1.39	.00	14.67
(2)	1.52	1.05	.74	.22	.13	.16	.69	.69	.85	.83	1.32	1.30	.78	1.34	1.64	1.39	.00	14.67
4.1- 5.0	35	12	6	1	1	5	13	11	30	25	47	60	45	45	69	53	0	458
(1)	.78	.27	.13	.02	.02	.11	.29	.25	.67	.56	1.05	1.34	1.01	1.01	1.55	1.19	.00	10.26
(2)	.78	.27	.13	.02	.02	.11	.29	.25	.67	.56	1.05	1.34	1.01	1.01	1.55	1.19	.00	10.26
5.1- 6.0	4	0	3	0	0	2	0	1	3	5	25	45	33	47	47	27	0	242
(1)	.09	.00	.07	.00	.00	.04	.00	.02	.07	.11	.56	1.01	.74	1.05	1.05	.60	.00	5.42
(2)	.09	.00	.07	.00	.00	.04	.00	.02	.07	.11	.56	1.01	.74	1.05	1.05	.60	.00	5.42
6.1- 8.0	1	0	1	0	0	0	1	0	3	2	15	34	34	15	11	10	0	127

Table 2.3-37— {SSES 33' (10-m) 2001-2006 March JFD - continued}

(Page 2 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.02	.00	.02	.00	.00	.00	.02	.00	.07	.04	.34	.76	.76	.34	.25	.22	.00	2.84
(2)	.02	.00	.02	.00	.00	.00	.02	.00	.07	.04	.34	.76	.76	.34	.25	.22	.00	2.84
8.1-10.0	0	0	0	0	0	0	0	0	0	0	4	5	4	0	0	0	0	13
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.11	.09	.00	.00	.00	.00	.29
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.11	.09	.00	.00	.00	.00	.29
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	272	318	437	471	228	167	207	189	235	256	373	311	232	240	289	239	0	4464
(1)	6.09	7.12	9.79	10.55	5.11	3.74	4.64	4.23	5.26	5.73	8.36	6.97	5.20	5.38	6.47	5.35	.00	100.00
(2)	6.09	7.12	9.79	10.55	5.11	3.74	4.64	4.23	5.26	5.73	8.36	6.97	5.20	5.38	6.47	5.35	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-38— {SSES 33' (10-m) 2001-2006 April JFD}

(Page 1 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 8.77**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.26	.00	.00	.00	.00	.00	.26
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
1.1- 1.5	1	0	0	2	5	1	1	0	1	4	3	1	0	0	0	0	0	19
(1)	.26	.00	.00	.53	1.32	.26	.26	.00	.26	1.06	.79	.26	.00	.00	.00	.00	.00	5.03
(2)	.02	.00	.00	.05	.12	.02	.02	.00	.02	.09	.07	.02	.00	.00	.00	.00	.00	.44
1.6- 2.0	0	0	1	3	4	3	3	2	9	3	4	1	1	1	1	0	0	36
(1)	.00	.00	.26	.79	1.06	.79	.79	.53	2.38	.79	1.06	.26	.26	.26	.26	.00	.00	9.52
(2)	.00	.00	.02	.07	.09	.07	.07	.05	.21	.07	.09	.02	.02	.02	.02	.00	.00	.83
2.1- 3.0	4	5	5	1	3	3	2	3	15	21	24	8	0	0	0	0	0	94
(1)	1.06	1.32	1.32	.26	.79	.79	.53	.79	3.97	5.56	6.35	2.12	.00	.00	.00	.00	.00	24.87
(2)	.09	.12	.12	.02	.07	.07	.05	.07	.35	.49	.56	.19	.00	.00	.00	.00	.00	2.18
3.1- 4.0	10	24	11	0	0	0	1	3	8	16	27	6	1	2	2	1	0	112
(1)	2.65	6.35	2.91	.00	.00	.00	.26	.79	2.12	4.23	7.14	1.59	.26	.53	.53	.26	.00	29.63
(2)	.23	.56	.26	.00	.00	.00	.02	.07	.19	.37	.63	.14	.02	.05	.05	.02	.00	2.60
4.1- 5.0	6	9	2	0	0	0	5	5	5	10	22	11	2	3	1	4	0	85
(1)	1.59	2.38	.53	.00	.00	.00	1.32	1.32	1.32	2.65	5.82	2.91	.53	.79	.26	1.06	.00	22.49
(2)	.14	.21	.05	.00	.00	.00	.12	.12	.12	.23	.51	.26	.05	.07	.02	.09	.00	1.97
5.1- 6.0	2	1	0	0	0	1	2	0	0	0	10	8	0	0	0	2	0	26
(1)	.53	.26	.00	.00	.00	.26	.53	.00	.00	.00	2.65	2.12	.00	.00	.00	.53	.00	6.88
(2)	.05	.02	.00	.00	.00	.02	.05	.00	.00	.00	.23	.19	.00	.00	.00	.05	.00	.60
6.1- 8.0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	0	0	5

Table 2.3-38— {SSES 33' (10-m) 2001-2006 April JFD}
(Page 2 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 8.77**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.26	.26	.00	.26	.26	.00	.00	.26	.00	.00	1.32
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.02	.02	.00	.00	.02	.00	.00	.12
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	23	39	19	6	12	8	14	14	39	54	91	37	4	6	5	7	0	378
(1)	6.08	10.32	5.03	1.59	3.17	2.12	3.70	3.70	10.32	14.29	24.07	9.79	1.06	1.59	1.32	1.85	.00	100.00
(2)	.53	.90	.44	.14	.28	.19	.32	.32	.90	1.25	2.11	.86	.09	.14	.12	.16	.00	8.77

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-38— {SSES 33' (10-m) 2001-2006 April JFD - continued}

(Page 1 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.64**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	2	1	1	0	1	0	0	0	0	0	0	0	0	5
(1)	.00	.00	.00	.00	1.27	.64	.64	.00	.64	.00	.00	.00	.00	.00	.00	.00	.00	3.18
(2)	.00	.00	.00	.00	.05	.02	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.12
1.1- 1.5	0	1	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	5
(1)	.00	.64	.00	.00	.00	.64	.00	.64	.64	.64	.00	.00	.00	.00	.00	.00	.00	3.18
(2)	.00	.02	.00	.00	.00	.02	.00	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.12
1.6- 2.0	0	0	1	2	3	1	2	0	0	0	3	0	0	0	0	0	0	12
(1)	.00	.00	.64	1.27	1.91	.64	1.27	.00	.00	.00	1.91	.00	.00	.00	.00	.00	.00	7.64
(2)	.00	.00	.02	.05	.07	.02	.05	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00	.28
2.1- 3.0	2	6	2	0	0	1	1	0	0	7	7	2	0	0	0	0	0	28
(1)	1.27	3.82	1.27	.00	.00	.64	.64	.00	.00	4.46	4.46	1.27	.00	.00	.00	.00	.00	17.83
(2)	.05	.14	.05	.00	.00	.02	.02	.00	.00	.16	.16	.05	.00	.00	.00	.00	.00	.65
3.1- 4.0	3	8	5	0	1	0	1	0	5	1	7	2	0	2	0	2	0	37
(1)	1.91	5.10	3.18	.00	.64	.00	.64	.00	3.18	.64	4.46	1.27	.00	1.27	.00	1.27	.00	23.57
(2)	.07	.19	.12	.00	.02	.00	.02	.00	.12	.02	.16	.05	.00	.05	.00	.05	.00	.86
4.1- 5.0	3	6	1	0	1	1	2	1	0	0	8	6	1	2	5	2	0	39
(1)	1.91	3.82	.64	.00	.64	.64	1.27	.64	.00	.00	5.10	3.82	.64	1.27	3.18	1.27	.00	24.84
(2)	.07	.14	.02	.00	.02	.02	.05	.02	.00	.00	.19	.14	.02	.05	.12	.05	.00	.90
5.1- 6.0	2	1	0	0	0	0	1	0	1	0	1	6	1	0	4	4	0	21
(1)	1.27	.64	.00	.00	.00	.00	.64	.00	.64	.00	.64	3.82	.64	.00	2.55	2.55	.00	13.38
(2)	.05	.02	.00	.00	.00	.00	.02	.00	.02	.00	.02	.14	.02	.00	.09	.09	.00	.49
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	3	2	0	10

Table 2.3-38— {SSES 33' (10-m) 2001-2006 April JFD - continued}

(Page 2 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.64**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.91	1.27	.00	.00	1.91	1.27	.00	6.37
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.05	.00	.00	.07	.05	.00	.23
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	10	22	9	2	7	5	8	2	8	9	29	18	2	4	12	10	0	157
(1)	6.37	14.01	5.73	1.27	4.46	3.18	5.10	1.27	5.10	5.73	18.47	11.46	1.27	2.55	7.64	6.37	.00	100.00
(2)	.23	.51	.21	.05	.16	.12	.19	.05	.19	.21	.67	.42	.05	.09	.28	.23	.00	3.64

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-38— {SSES 33' (10-m) 2001-2006 April JFD - continued}

(Page 1 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.96**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	1	3	2	0	0	0	0	0	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.47	1.40	.93	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.80
(2)	.00	.00	.00	.00	.02	.07	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
1.1- 1.5	0	0	0	1	2	0	2	0	3	0	1	0	0	0	0	0	0	9
(1)	.00	.00	.00	.47	.93	.00	.93	.00	1.40	.00	.47	.00	.00	.00	.00	.00	.00	4.21
(2)	.00	.00	.00	.02	.05	.00	.05	.00	.07	.00	.02	.00	.00	.00	.00	.00	.00	.21
1.6- 2.0	0	2	1	2	3	2	1	0	1	1	1	0	0	0	0	0	0	14
(1)	.00	.93	.47	.93	1.40	.93	.47	.00	.47	.47	.47	.00	.00	.00	.00	.00	.00	6.54
(2)	.00	.05	.02	.05	.07	.05	.02	.00	.02	.02	.02	.00	.00	.00	.00	.00	.00	.32
2.1- 3.0	4	6	6	1	1	1	2	3	6	1	6	6	1	0	0	1	0	45
(1)	1.87	2.80	2.80	.47	.47	.47	.93	1.40	2.80	.47	2.80	2.80	.47	.00	.00	.47	.00	21.03
(2)	.09	.14	.14	.02	.02	.02	.05	.07	.14	.02	.14	.14	.02	.00	.00	.02	.00	1.04
3.1- 4.0	13	14	1	1	0	1	0	1	4	5	9	6	1	1	1	2	0	60
(1)	6.07	6.54	.47	.47	.00	.47	.00	.47	1.87	2.34	4.21	2.80	.47	.47	.47	.93	.00	28.04
(2)	.30	.32	.02	.02	.00	.02	.00	.02	.09	.12	.21	.14	.02	.02	.02	.05	.00	1.39
4.1- 5.0	5	4	1	0	0	2	1	1	3	0	5	9	1	2	2	1	0	37
(1)	2.34	1.87	.47	.00	.00	.93	.47	.47	1.40	.00	2.34	4.21	.47	.93	.93	.47	.00	17.29
(2)	.12	.09	.02	.00	.00	.05	.02	.02	.07	.00	.12	.21	.02	.05	.05	.02	.00	.86
5.1- 6.0	3	1	0	0	0	0	1	0	0	0	4	7	6	1	5	4	0	32
(1)	1.40	.47	.00	.00	.00	.00	.47	.00	.00	.00	1.87	3.27	2.80	.47	2.34	1.87	.00	14.95
(2)	.07	.02	.00	.00	.00	.00	.02	.00	.00	.00	.09	.16	.14	.02	.12	.09	.00	.74
6.1- 8.0	1	0	0	0	0	0	1	0	0	0	2	3	2	0	0	1	0	10

Table 2.3-38— {SSES 33' (10-m) 2001-2006 April JFD - continued}

(Page 2 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.96**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.47	.00	.00	.00	.00	.00	.47	.00	.00	.00	.93	1.40	.93	.00	.00	.47	.00	4.67
(2)	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.05	.07	.05	.00	.00	.02	.00	.23
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.47	.00	.00	.00	.00	.00	.47
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	26	27	9	5	7	9	10	5	17	7	28	32	11	4	8	9	0	214
(1)	12.15	12.62	4.21	2.34	3.27	4.21	4.67	2.34	7.94	3.27	13.08	14.95	5.14	1.87	3.74	4.21	.00	100.00
(2)	.60	.63	.21	.12	.16	.21	.23	.12	.39	.16	.65	.74	.26	.09	.19	.21	.00	4.96

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-38— {SSES 33' (10-m) 2001-2006 April JFD - continued}

(Page 1 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 40.89

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	1	1	13	6	10	18	8	6	2	4	1	2	3	1	2	0	0	78
(1)	.06	.06	.74	.34	.57	1.02	.45	.34	.11	.23	.06	.11	.17	.06	.11	.00	.00	4.42
(2)	.02	.02	.30	.14	.23	.42	.19	.14	.05	.09	.02	.05	.07	.02	.05	.00	.00	1.81
1.1- 1.5	12	32	12	17	10	10	11	10	11	9	6	7	4	1	1	5	0	158
(1)	.68	1.82	.68	.96	.57	.57	.62	.57	.62	.51	.34	.40	.23	.06	.06	.28	.00	8.96
(2)	.28	.74	.28	.39	.23	.23	.26	.23	.26	.21	.14	.16	.09	.02	.02	.12	.00	3.66
1.6- 2.0	8	24	25	9	12	14	14	12	13	11	15	5	7	0	2	5	0	176
(1)	.45	1.36	1.42	.51	.68	.79	.79	.68	.74	.62	.85	.28	.40	.00	.11	.28	.00	9.98
(2)	.19	.56	.58	.21	.28	.32	.32	.28	.30	.26	.35	.12	.16	.00	.05	.12	.00	4.08
2.1- 3.0	43	79	59	14	16	22	28	23	29	26	51	19	16	22	22	12	0	481
(1)	2.44	4.48	3.35	.79	.91	1.25	1.59	1.30	1.64	1.47	2.89	1.08	.91	1.25	1.25	.68	.00	27.28
(2)	1.00	1.83	1.37	.32	.37	.51	.65	.53	.67	.60	1.18	.44	.37	.51	.51	.28	.00	11.15
3.1- 4.0	69	59	31	8	9	17	25	20	14	15	38	15	13	28	35	45	0	441
(1)	3.91	3.35	1.76	.45	.51	.96	1.42	1.13	.79	.85	2.16	.85	.74	1.59	1.99	2.55	.00	25.01
(2)	1.60	1.37	.72	.19	.21	.39	.58	.46	.32	.35	.88	.35	.30	.65	.81	1.04	.00	10.23
4.1- 5.0	40	17	4	2	1	7	7	1	6	5	17	18	22	20	51	41	0	259
(1)	2.27	.96	.23	.11	.06	.40	.40	.06	.34	.28	.96	1.02	1.25	1.13	2.89	2.33	.00	14.69
(2)	.93	.39	.09	.05	.02	.16	.16	.02	.14	.12	.39	.42	.51	.46	1.18	.95	.00	6.01
5.1- 6.0	12	7	1	0	0	0	1	1	0	0	17	18	14	16	27	14	0	128
(1)	.68	.40	.06	.00	.00	.00	.06	.06	.00	.00	.96	1.02	.79	.91	1.53	.79	.00	7.26
(2)	.28	.16	.02	.00	.00	.00	.02	.02	.00	.00	.39	.42	.32	.37	.63	.32	.00	2.97
6.1- 8.0	2	1	0	0	0	0	2	0	0	0	5	7	9	2	8	4	0	40

Table 2.3-38— {SSES 33' (10-m) 2001-2006 April JFD - continued}
(Page 2 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 40.89**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.11	.06	.00	.00	.00	.00	.11	.00	.00	.00	.28	.40	.51	.11	.45	.23	.00	2.27
(2)	.05	.02	.00	.00	.00	.00	.05	.00	.00	.00	.12	.16	.21	.05	.19	.09	.00	.93
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.00	.00	.00	.06	.00	.11
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.02	.00	.05
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	187	220	145	56	58	88	96	73	75	70	150	92	88	90	148	127	0	1763
(1)	10.61	12.48	8.22	3.18	3.29	4.99	5.45	4.14	4.25	3.97	8.51	5.22	4.99	5.10	8.39	7.20	.00	100.00
(2)	4.34	5.10	3.36	1.30	1.35	2.04	2.23	1.69	1.74	1.62	3.48	2.13	2.04	2.09	3.43	2.95	.00	40.89

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-38— {SSES 33' (10-m) 2001-2006 April JFD - continued}

(Page 1 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 24.79**

	WIND DIRECTION FROM																	
SPEED m/s	**N**	**NNE**	**NE**	**ENE**	**E**	**ESE**	**SE**	**SSE**	**S**	**SSW**	**SW**	**WSW**	**W**	**WNW**	**NW**	**NNW**	**VRBL**	**TOTAL**
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.09	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.00	.19
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.05
.5- 1.0	5	27	41	49	37	25	24	19	23	22	7	1	2	0	1	2	0	285
(1)	.47	2.53	3.84	4.58	3.46	2.34	2.25	1.78	2.15	2.06	.65	.09	.19	.00	.09	.19	.00	26.66
(2)	.12	.63	.95	1.14	.86	.58	.56	.44	.53	.51	.16	.02	.05	.00	.02	.05	.00	6.61
1.1- 1.5	11	46	28	17	7	9	13	17	15	27	12	7	3	0	4	7	0	223
(1)	1.03	4.30	2.62	1.59	.65	.84	1.22	1.59	1.40	2.53	1.12	.65	.28	.00	.37	.65	.00	20.86
(2)	.26	1.07	.65	.39	.16	.21	.30	.39	.35	.63	.28	.16	.07	.00	.09	.16	.00	5.17
1.6- 2.0	17	37	29	8	6	4	5	12	14	25	14	5	5	5	4	2	0	192
(1)	1.59	3.46	2.71	.75	.56	.37	.47	1.12	1.31	2.34	1.31	.47	.47	.47	.37	.19	.00	17.96
(2)	.39	.86	.67	.19	.14	.09	.12	.28	.32	.58	.32	.12	.12	.12	.09	.05	.00	4.45
2.1- 3.0	21	36	37	9	7	9	6	8	26	24	22	11	3	1	4	10	0	234
(1)	1.96	3.37	3.46	.84	.65	.84	.56	.75	2.43	2.25	2.06	1.03	.28	.09	.37	.94	.00	21.89
(2)	.49	.83	.86	.21	.16	.21	.14	.19	.60	.56	.51	.26	.07	.02	.09	.23	.00	5.43
3.1- 4.0	16	10	11	6	3	3	0	1	11	13	16	6	0	1	0	4	0	101
(1)	1.50	.94	1.03	.56	.28	.28	.00	.09	1.03	1.22	1.50	.56	.00	.09	.00	.37	.00	9.45
(2)	.37	.23	.26	.14	.07	.07	.00	.02	.26	.30	.37	.14	.00	.02	.00	.09	.00	2.34
4.1- 5.0	1	0	1	0	2	0	1	0	0	5	8	2	2	1	2	1	0	26
(1)	.09	.00	.09	.00	.19	.00	.09	.00	.00	.47	.75	.19	.19	.09	.19	.09	.00	2.43
(2)	.02	.00	.02	.00	.05	.00	.02	.00	.00	.12	.19	.05	.05	.02	.05	.02	.00	.60
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.47	.00	.00	.00	.00	.00	.00	.47
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12	.00	.00	.00	.00	.00	.00	.12
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1

Table 2.3-38— {SSES 33' (10-m) 2001-2006 April JFD - continued}

(Page 2 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 24.79**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	71	156	148	89	62	50	49	57	90	116	85	32	15	8	15	26	0	1069
(1)	6.64	14.59	13.84	8.33	5.80	4.68	4.58	5.33	8.42	10.85	7.95	2.99	1.40	.75	1.40	2.43	.00	100.00
(2)	1.65	3.62	3.43	2.06	1.44	1.16	1.14	1.32	2.09	2.69	1.97	.74	.35	.19	.35	.60	.00	24.79

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-38— {SSES 33' (10-m) 2001-2006 April JFD - continued}
(Page 1 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 7.33**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	2	4	27	97	39	11	16	9	3	5	7	2	0	1	0	0	0	223
(1)	.63	1.27	8.54	30.70	12.34	3.48	5.06	2.85	.95	1.58	2.22	.63	.00	.32	.00	.00	.00	70.57
(2)	.05	.09	.63	2.25	.90	.26	.37	.21	.07	.12	.16	.05	.00	.02	.00	.00	.00	5.17
1.1- 1.5	0	6	16	23	4	1	0	2	8	5	5	1	1	0	0	0	0	72
(1)	.00	1.90	5.06	7.28	1.27	.32	.00	.63	2.53	1.58	1.58	.32	.32	.00	.00	.00	.00	22.78
(2)	.00	.14	.37	.53	.09	.02	.00	.05	.19	.12	.12	.02	.02	.00	.00	.00	.00	1.67
1.6- 2.0	1	3	2	1	0	1	0	0	3	2	0	2	0	0	0	0	0	15
(1)	.32	.95	.63	.32	.00	.32	.00	.00	.95	.63	.00	.63	.00	.00	.00	.00	.00	4.75
(2)	.02	.07	.05	.02	.00	.02	.00	.00	.07	.05	.00	.05	.00	.00	.00	.00	.00	.35
2.1- 3.0	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	4
(1)	.32	.32	.00	.00	.00	.00	.00	.00	.32	.00	.32	.00	.00	.00	.00	.00	.00	1.27
(2)	.02	.02	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.09
3.1- 4.0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.32	.32	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.63
(2)	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-38— {SSES 33' (10-m) 2001-2006 April JFD - continued}
(Page 2 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 7.33**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	4	15	46	121	43	13	16	11	15	12	13	5	1	1	0	0	0	316
(1)	1.27	4.75	14.56	38.29	13.61	4.11	5.06	3.48	4.75	3.80	4.11	1.58	.32	.32	.00	.00	.00	100.00
(2)	.09	.35	1.07	2.81	1.00	.30	.37	.26	.35	.28	.30	.12	.02	.02	.00	.00	.00	7.33

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-38— {SSES 33' (10-m) 2001-2006 April JFD - continued}

(Page 1 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 9.62**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	6	54	130	37	11	2	5	1	1	0	0	0	0	0	0	0	247
(1)	.00	1.45	13.01	31.33	8.92	2.65	.48	1.20	.24	.24	.00	.00	.00	.00	.00	.00	.00	59.52
(2)	.00	.14	1.25	3.01	.86	.26	.05	.12	.02	.02	.00	.00	.00	.00	.00	.00	.00	5.73
1.1- 1.5	0	3	43	94	4	3	0	1	0	0	0	0	0	0	0	0	0	148
(1)	.00	.72	10.36	22.65	.96	.72	.00	.24	.00	.00	.00	.00	.00	.00	.00	.00	.00	35.66
(2)	.00	.07	1.00	2.18	.09	.07	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.43
1.6- 2.0	0	2	2	16	0	0	0	0	0	0	0	0	0	0	0	0	0	20
(1)	.00	.48	.48	3.86	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.82
(2)	.00	.05	.05	.37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.46
2.1- 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-38— {SSES 33' (10-m) 2001-2006 April JFD - continued}
(Page 2 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 9.62

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	11	99	240	41	14	2	6	1	1	0	0	0	0	0	0	0	415
(1)	.00	2.65	23.86	57.83	9.88	3.37	.48	1.45	.24	.24	.00	.00	.00	.00	.00	.00	.00	100.00
(2)	.00	.26	2.30	5.57	.95	.32	.05	.14	.02	.02	.00	.00	.00	.00	.00	.00	.00	9.62

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-38— {SSES 33' (10-m) 2001-2006 April JFD - continued}

(Page 1 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS ALL — CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.05
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.05
.5- 1.0	8	38	135	282	126	69	53	39	30	32	15	6	5	2	3	2	0	845
(1)	.19	.88	3.13	6.54	2.92	1.60	1.23	.90	.70	.74	.35	.14	.12	.05	.07	.05	.00	19.60
(2)	.19	.88	3.13	6.54	2.92	1.60	1.23	.90	.70	.74	.35	.14	.12	.05	.07	.05	.00	19.60
1.1- 1.5	24	88	99	154	32	25	27	31	39	46	27	16	8	1	5	12	0	634
(1)	.56	2.04	2.30	3.57	.74	.58	.63	.72	.90	1.07	.63	.37	.19	.02	.12	.28	.00	14.70
(2)	.56	2.04	2.30	3.57	.74	.58	.63	.72	.90	1.07	.63	.37	.19	.02	.12	.28	.00	14.70
1.6- 2.0	26	68	61	41	28	25	25	26	40	42	37	13	13	6	7	7	0	465
(1)	.60	1.58	1.41	.95	.65	.58	.58	.60	.93	.97	.86	.30	.30	.14	.16	.16	.00	10.78
(2)	.60	1.58	1.41	.95	.65	.58	.58	.60	.93	.97	.86	.30	.30	.14	.16	.16	.00	10.78
2.1- 3.0	75	133	109	25	27	36	39	37	77	79	111	46	20	23	26	23	0	886
(1)	1.74	3.08	2.53	.58	.63	.83	.90	.86	1.79	1.83	2.57	1.07	.46	.53	.60	.53	.00	20.55
(2)	1.74	3.08	2.53	.58	.63	.83	.90	.86	1.79	1.83	2.57	1.07	.46	.53	.60	.53	.00	20.55
3.1- 4.0	111	116	60	15	13	21	27	25	42	50	97	35	15	34	38	54	0	753
(1)	2.57	2.69	1.39	.35	.30	.49	.63	.58	.97	1.16	2.25	.81	.35	.79	.88	1.25	.00	17.46
(2)	2.57	2.69	1.39	.35	.30	.49	.63	.58	.97	1.16	2.25	.81	.35	.79	.88	1.25	.00	17.46
4.1- 5.0	55	36	9	2	4	10	16	8	14	20	60	46	28	28	61	49	0	446
(1)	1.28	.83	.21	.05	.09	.23	.37	.19	.32	.46	1.39	1.07	.65	.65	1.41	1.14	.00	10.34
(2)	1.28	.83	.21	.05	.09	.23	.37	.19	.32	.46	1.39	1.07	.65	.65	1.41	1.14	.00	10.34
5.1- 6.0	19	10	1	0	0	1	5	1	1	0	37	39	21	17	36	24	0	212
(1)	.44	.23	.02	.00	.00	.02	.12	.02	.02	.00	.86	.90	.49	.39	.83	.56	.00	4.92
(2)	.44	.23	.02	.00	.00	.02	.12	.02	.02	.00	.86	.90	.49	.39	.83	.56	.00	4.92
6.1- 8.0	3	1	0	0	0	0	3	1	1	0	12	13	11	2	12	7	0	66

Table 2.3-38— {SSES 33' (10-m) 2001-2006 April JFD - continued}

(Page 2 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.07	.02	.00	.00	.00	.00	.07	.02	.02	.00	.28	.30	.26	.05	.28	.16	.00	1.53
(2)	.07	.02	.00	.00	.00	.00	.07	.02	.02	.00	.28	.30	.26	.05	.28	.16	.00	1.53
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.02	.00	.07
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.02	.00	.07
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	321	490	475	519	230	187	195	168	245	269	396	216	121	113	188	179	0	4312
(1)	7.44	11.36	11.02	12.04	5.33	4.34	4.52	3.90	5.68	6.24	9.18	5.01	2.81	2.62	4.36	4.15	.00	100.00
(2)	7.44	11.36	11.02	12.04	5.33	4.34	4.52	3.90	5.68	6.24	9.18	5.01	2.81	2.62	4.36	4.15	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-39— {SSES 33' (10-m) 2001-2006 May JFD}

(Page 1 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 6.86**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
1.1- 1.5	0	0	3	3	0	1	0	0	4	0	1	1	0	0	1	0	0	14
(1)	.00	.00	1.03	1.03	.00	.34	.00	.00	1.37	.00	.34	.34	.00	.00	.34	.00	.00	4.81
(2)	.00	.00	.07	.07	.00	.02	.00	.00	.09	.00	.02	.02	.00	.00	.02	.00	.00	.33
1.6- 2.0	0	2	5	2	3	6	3	6	3	4	10	1	2	0	0	0	0	47
(1)	.00	.69	1.72	.69	1.03	2.06	1.03	2.06	1.03	1.37	3.44	.34	.69	.00	.00	.00	.00	16.15
(2)	.00	.05	.12	.05	.07	.14	.07	.14	.07	.09	.24	.02	.05	.00	.00	.00	.00	1.11
2.1- 3.0	0	6	6	1	3	2	8	10	5	18	25	4	0	1	0	2	0	91
(1)	.00	2.06	2.06	.34	1.03	.69	2.75	3.44	1.72	6.19	8.59	1.37	.00	.34	.00	.69	.00	31.27
(2)	.00	.14	.14	.02	.07	.05	.19	.24	.12	.42	.59	.09	.00	.02	.00	.05	.00	2.14
3.1- 4.0	6	5	1	0	1	1	0	2	19	10	27	9	0	0	1	1	0	83
(1)	2.06	1.72	.34	.00	.34	.34	.00	.69	6.53	3.44	9.28	3.09	.00	.00	.34	.34	.00	28.52
(2)	.14	.12	.02	.00	.02	.02	.00	.05	.45	.24	.64	.21	.00	.00	.02	.02	.00	1.96
4.1- 5.0	9	4	1	0	0	0	0	1	1	2	12	8	1	2	0	1	0	42
(1)	3.09	1.37	.34	.00	.00	.00	.00	.34	.34	.69	4.12	2.75	.34	.69	.00	.34	.00	14.43
(2)	.21	.09	.02	.00	.00	.00	.00	.02	.02	.05	.28	.19	.02	.05	.00	.02	.00	.99
5.1- 6.0	5	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	9
(1)	1.72	.00	.00	.00	.00	.00	.00	.00	.00	.00	.69	.69	.00	.00	.00	.00	.00	3.09
(2)	.12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.05	.00	.00	.00	.00	.00	.21
6.1- 8.0	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	5

Table 2.3-39— {SSES 33' (10-m) 2001-2006 May JFD}

(Page 2 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 6.86**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	1.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.34	.00	.00	.00	.00	.34	.00	1.72
(2)	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.00	.12
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	23	17	16	6	7	10	11	19	32	34	78	25	3	3	2	5	0	291
(1)	7.90	5.84	5.50	2.06	2.41	3.44	3.78	6.53	11.00	11.68	26.80	8.59	1.03	1.03	.69	1.72	.00	100.00
(2)	.54	.40	.38	.14	.16	.24	.26	.45	.75	.80	1.84	.59	.07	.07	.05	.12	.00	6.86

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-39— {SSES 33' (10-m) 2001-2006 May JFD - continued}

(Page 1 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.91**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.60	.60	.00	.00	.60	.00	.00	.00	.00	.00	.00	1.81
(2)	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.07
1.1- 1.5	0	1	3	2	3	1	1	0	0	2	1	0	0	0	0	0	0	14
(1)	.00	.60	1.81	1.20	1.81	.60	.60	.00	.00	1.20	.60	.00	.00	.00	.00	.00	.00	8.43
(2)	.00	.02	.07	.05	.07	.02	.02	.00	.00	.05	.02	.00	.00	.00	.00	.00	.00	.33
1.6- 2.0	0	1	1	0	4	2	0	1	2	3	4	0	0	0	0	0	0	18
(1)	.00	.60	.60	.00	2.41	1.20	.00	.60	1.20	1.81	2.41	.00	.00	.00	.00	.00	.00	10.84
(2)	.00	.02	.02	.00	.09	.05	.00	.02	.05	.07	.09	.00	.00	.00	.00	.00	.00	.42
2.1- 3.0	0	3	4	2	3	1	4	3	0	5	4	3	1	0	1	0	0	34
(1)	.00	1.81	2.41	1.20	1.81	.60	2.41	1.81	.00	3.01	2.41	1.81	.60	.00	.60	.00	.00	20.48
(2)	.00	.07	.09	.05	.07	.02	.09	.07	.00	.12	.09	.07	.02	.00	.02	.00	.00	.80
3.1- 4.0	4	3	3	1	2	0	1	3	1	4	17	2	1	3	1	1	0	47
(1)	2.41	1.81	1.81	.60	1.20	.00	.60	1.81	.60	2.41	10.24	1.20	.60	1.81	.60	.60	.00	28.31
(2)	.09	.07	.07	.02	.05	.00	.02	.07	.02	.09	.40	.05	.02	.07	.02	.02	.00	1.11
4.1- 5.0	8	0	0	0	1	0	0	0	0	1	13	6	0	2	1	5	0	37
(1)	4.82	.00	.00	.00	.60	.00	.00	.00	.00	.60	7.83	3.61	.00	1.20	.60	3.01	.00	22.29
(2)	.19	.00	.00	.00	.02	.00	.00	.00	.00	.02	.31	.14	.00	.05	.02	.12	.00	.87
5.1- 6.0	1	2	0	0	0	0	0	0	0	0	2	1	0	0	0	3	0	9
(1)	.60	1.20	.00	.00	.00	.00	.00	.00	.00	.00	1.20	.60	.00	.00	.00	1.81	.00	5.42
(2)	.02	.05	.00	.00	.00	.00	.00	.00	.00	.00	.05	.02	.00	.00	.00	.07	.00	.21
6.1- 8.0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4

Table 2.3-39— {SSES 33' (10-m) 2001-2006 May JFD - continued}

(Page 2 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.91**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	1.81	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.60	.00	.00	.00	.00	.00	2.41
(2)	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.09
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	16	10	11	5	13	4	7	8	3	15	42	13	2	5	3	9	0	166
(1)	9.64	6.02	6.63	3.01	7.83	2.41	4.22	4.82	1.81	9.04	25.30	7.83	1.20	3.01	1.81	5.42	.00	100.00
(2)	.38	.24	.26	.12	.31	.09	.16	.19	.07	.35	.99	.31	.05	.12	.07	.21	.00	3.91

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-39— {SSES 33' (10-m) 2001-2006 May JFD - continued}

(Page 1 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 5.72

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	.41	.00	.41	.00	.82	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.65
(2)	.00	.00	.00	.02	.00	.02	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
1.1- 1.5	1	1	1	2	2	2	1	1	1	1	2	0	0	0	0	1	0	16
(1)	.41	.41	.41	.82	.82	.82	.41	.41	.41	.41	.82	.00	.00	.00	.00	.41	.00	6.58
(2)	.02	.02	.02	.05	.05	.05	.02	.02	.02	.02	.05	.00	.00	.00	.00	.02	.00	.38
1.6- 2.0	1	0	1	2	2	2	1	1	4	5	3	1	0	0	0	0	0	23
(1)	.41	.00	.41	.82	.82	.82	.41	.41	1.65	2.06	1.23	.41	.00	.00	.00	.00	.00	9.47
(2)	.02	.00	.02	.05	.05	.05	.02	.02	.09	.12	.07	.02	.00	.00	.00	.00	.00	.54
2.1- 3.0	3	3	5	3	4	2	4	1	3	14	21	3	1	0	0	3	0	70
(1)	1.23	1.23	2.06	1.23	1.65	.82	1.65	.41	1.23	5.76	8.64	1.23	.41	.00	.00	1.23	.00	28.81
(2)	.07	.07	.12	.07	.09	.05	.09	.02	.07	.33	.49	.07	.02	.00	.00	.07	.00	1.65
3.1- 4.0	8	4	1	2	2	3	6	3	3	2	16	5	2	4	3	1	0	65
(1)	3.29	1.65	.41	.82	.82	1.23	2.47	1.23	1.23	.82	6.58	2.06	.82	1.65	1.23	.41	.00	26.75
(2)	.19	.09	.02	.05	.05	.07	.14	.07	.07	.05	.38	.12	.05	.09	.07	.02	.00	1.53
4.1- 5.0	3	2	0	0	0	0	0	1	0	1	10	8	1	3	0	6	0	35
(1)	1.23	.82	.00	.00	.00	.00	.00	.41	.00	.41	4.12	3.29	.41	1.23	.00	2.47	.00	14.40
(2)	.07	.05	.00	.00	.00	.00	.00	.02	.00	.02	.24	.19	.02	.07	.00	.14	.00	.82
5.1- 6.0	3	1	0	0	0	0	0	0	0	0	2	6	2	0	1	5	0	20
(1)	1.23	.41	.00	.00	.00	.00	.00	.00	.00	.00	.82	2.47	.82	.00	.41	2.06	.00	8.23
(2)	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.05	.14	.05	.00	.02	.12	.00	.47
6.1- 8.0	1	0	0	0	0	0	0	0	0	0	1	7	0	0	0	1	0	10

Table 2.3-39— {SSES 33' (10-m) 2001-2006 May JFD - continued}

(Page 2 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 5.72**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.41	2.88	.00	.00	.00	.41	.00	4.12
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.16	.00	.00	.00	.02	.00	.24
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	20	11	8	10	10	10	12	9	11	23	55	30	6	7	4	17	0	243
(1)	8.23	4.53	3.29	4.12	4.12	4.12	4.94	3.70	4.53	9.47	22.63	12.35	2.47	2.88	1.65	7.00	.00	100.00
(2)	.47	.26	.19	.24	.24	.24	.28	.21	.26	.54	1.30	.71	.14	.16	.09	.40	.00	5.72

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-39— {SSES 33' (10-m) 2001-2006 May JFD - continued}

(Page 1 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 38.78

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	1	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	5
(1)	.06	.00	.06	.06	.12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.30
(2)	.02	.00	.02	.02	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12
.2- .4	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.06	.00	.06	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18
(2)	.00	.00	.00	.02	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	1	6	13	14	21	19	16	8	12	4	1	1	0	1	1	0	0	118
(1)	.06	.36	.79	.85	1.28	1.15	.97	.49	.73	.24	.06	.06	.00	.06	.06	.00	.00	7.17
(2)	.02	.14	.31	.33	.49	.45	.38	.19	.28	.09	.02	.02	.00	.02	.02	.00	.00	2.78
1.1- 1.5	2	14	31	16	23	8	18	17	24	28	25	7	3	2	2	1	0	221
(1)	.12	.85	1.88	.97	1.40	.49	1.09	1.03	1.46	1.70	1.52	.43	.18	.12	.12	.06	.00	13.43
(2)	.05	.33	.73	.38	.54	.19	.42	.40	.57	.66	.59	.16	.07	.05	.05	.02	.00	5.21
1.6- 2.0	11	27	38	14	18	18	25	15	16	25	19	10	6	2	4	2	0	250
(1)	.67	1.64	2.31	.85	1.09	1.09	1.52	.91	.97	1.52	1.15	.61	.36	.12	.24	.12	.00	15.19
(2)	.26	.64	.90	.33	.42	.42	.59	.35	.38	.59	.45	.24	.14	.05	.09	.05	.00	5.89
2.1- 3.0	39	56	35	24	20	32	23	26	20	50	60	26	14	15	15	14	0	469
(1)	2.37	3.40	2.13	1.46	1.22	1.94	1.40	1.58	1.22	3.04	3.65	1.58	.85	.91	.91	.85	.00	28.49
(2)	.92	1.32	.82	.57	.47	.75	.54	.61	.47	1.18	1.41	.61	.33	.35	.35	.33	.00	11.05
3.1- 4.0	45	33	1	3	9	11	13	13	15	7	48	28	19	15	25	28	0	313
(1)	2.73	2.00	.06	.18	.55	.67	.79	.79	.91	.43	2.92	1.70	1.15	.91	1.52	1.70	.00	19.02
(2)	1.06	.78	.02	.07	.21	.26	.31	.31	.35	.16	1.13	.66	.45	.35	.59	.66	.00	7.37
4.1- 5.0	23	11	0	1	7	5	0	2	6	1	36	17	12	7	19	22	0	169
(1)	1.40	.67	.00	.06	.43	.30	.00	.12	.36	.06	2.19	1.03	.73	.43	1.15	1.34	.00	10.27
(2)	.54	.26	.00	.02	.16	.12	.00	.05	.14	.02	.85	.40	.28	.16	.45	.52	.00	3.98
5.1- 6.0	2	1	0	1	4	3	0	1	0	0	12	17	14	8	3	4	0	70
(1)	.12	.06	.00	.06	.24	.18	.00	.06	.00	.00	.73	1.03	.85	.49	.18	.24	.00	4.25
(2)	.05	.02	.00	.02	.09	.07	.00	.02	.00	.00	.28	.40	.33	.19	.07	.09	.00	1.65
6.1- 8.0	0	0	0	0	0	1	0	0	1	0	1	8	5	9	2	1	0	28

Table 2.3-39— {SSES 33' (10-m) 2001-2006 May JFD - continued}

(Page 2 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 38.78**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.06	.00	.00	.06	.00	.06	.49	.30	.55	.12	.06	.00	1.70
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.02	.00	.02	.19	.12	.21	.05	.02	.00	.66
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	124	148	119	75	104	98	96	82	94	115	202	114	73	59	71	72	0	1646
(1)	7.53	8.99	7.23	4.56	6.32	5.95	5.83	4.98	5.71	6.99	12.27	6.93	4.43	3.58	4.31	4.37	.00	100.00
(2)	2.92	3.49	2.80	1.77	2.45	2.31	2.26	1.93	2.21	2.71	4.76	2.69	1.72	1.39	1.67	1.70	.00	38.78

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-39— {SSES 33' (10-m) 2001-2006 May JFD - continued}
(Page 1 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 26.12**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	2	3	2	1	0	0	0	1	0	0	0	0	0	0	0	9
(1)	.00	.00	.18	.27	.18	.09	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.81
(2)	.00	.00	.05	.07	.05	.02	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.21
.2- .4	0	0	1	0	1	1	0	1	0	2	0	0	0	0	0	0	0	6
(1)	.00	.00	.09	.00	.09	.09	.00	.09	.00	.18	.00	.00	.00	.00	.00	.00	.00	.54
(2)	.00	.00	.02	.00	.02	.02	.00	.02	.00	.05	.00	.00	.00	.00	.00	.00	.00	.14
.5- 1.0	7	17	49	94	76	50	38	30	17	14	5	1	1	2	1	3	0	405
(1)	.63	1.53	4.42	8.48	6.85	4.51	3.43	2.71	1.53	1.26	.45	.09	.09	.18	.09	.27	.00	36.52
(2)	.16	.40	1.15	2.21	1.79	1.18	.90	.71	.40	.33	.12	.02	.02	.05	.02	.07	.00	9.54
1.1- 1.5	8	33	59	40	14	11	18	13	54	33	12	4	4	1	1	4	0	309
(1)	.72	2.98	5.32	3.61	1.26	.99	1.62	1.17	4.87	2.98	1.08	.36	.36	.09	.09	.36	.00	27.86
(2)	.19	.78	1.39	.94	.33	.26	.42	.31	1.27	.78	.28	.09	.09	.02	.02	.09	.00	7.28
1.6- 2.0	14	27	23	11	4	2	7	17	13	30	16	3	4	0	3	3	0	177
(1)	1.26	2.43	2.07	.99	.36	.18	.63	1.53	1.17	2.71	1.44	.27	.36	.00	.27	.27	.00	15.96
(2)	.33	.64	.54	.26	.09	.05	.16	.40	.31	.71	.38	.07	.09	.00	.07	.07	.00	4.17
2.1- 3.0	15	15	13	3	7	4	8	5	14	10	17	10	5	2	7	17	0	152
(1)	1.35	1.35	1.17	.27	.63	.36	.72	.45	1.26	.90	1.53	.90	.45	.18	.63	1.53	.00	13.71
(2)	.35	.35	.31	.07	.16	.09	.19	.12	.33	.24	.40	.24	.12	.05	.16	.40	.00	3.58
3.1- 4.0	4	5	1	0	0	1	1	0	6	3	6	2	1	1	4	8	0	43
(1)	.36	.45	.09	.00	.00	.09	.09	.00	.54	.27	.54	.18	.09	.09	.36	.72	.00	3.88
(2)	.09	.12	.02	.00	.00	.02	.02	.00	.14	.07	.14	.05	.02	.02	.09	.19	.00	1.01
4.1- 5.0	0	0	0	0	2	0	0	0	0	1	0	1	1	0	0	1	0	6
(1)	.00	.00	.00	.00	.18	.00	.00	.00	.00	.09	.00	.09	.09	.00	.00	.09	.00	.54
(2)	.00	.00	.00	.00	.05	.00	.00	.00	.00	.02	.00	.02	.02	.00	.00	.02	.00	.14
5.1- 6.0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.02
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1

Table 2.3-39— {SSES 33' (10-m) 2001-2006 May JFD - continued}

(Page 2 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 26.12**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	48	97	148	151	106	70	72	66	105	94	57	21	16	6	16	36	0	1109
(1)	4.33	8.75	13.35	13.62	9.56	6.31	6.49	5.95	9.47	8.48	5.14	1.89	1.44	.54	1.44	3.25	.00	100.00
(2)	1.13	2.29	3.49	3.56	2.50	1.65	1.70	1.55	2.47	2.21	1.34	.49	.38	.14	.38	.85	.00	26.12

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-39— {SSES 33' (10-m) 2001-2006 May JFD - continued}

(Page 1 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 11.99**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.20	.20	.20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.59
(2)	.00	.00	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
.2- .4	0	2	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	5
(1)	.00	.39	.00	.20	.20	.20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.98
(2)	.00	.05	.00	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12
.5- 1.0	1	7	35	122	76	32	19	11	14	6	1	0	3	0	1	0	0	328
(1)	.20	1.38	6.88	23.97	14.93	6.29	3.73	2.16	2.75	1.18	.20	.00	.59	.00	.20	.00	.00	64.44
(2)	.02	.16	.82	2.87	1.79	.75	.45	.26	.33	.14	.02	.00	.07	.00	.02	.00	.00	7.73
1.1- 1.5	1	7	37	65	2	1	3	7	7	5	8	1	0	0	0	0	0	144
(1)	.20	1.38	7.27	12.77	.39	.20	.59	1.38	1.38	.98	1.57	.20	.00	.00	.00	.00	.00	28.29
(2)	.02	.16	.87	1.53	.05	.02	.07	.16	.16	.12	.19	.02	.00	.00	.00	.00	.00	3.39
1.6- 2.0	2	2	5	5	1	0	0	1	0	3	2	0	0	0	1	0	0	22
(1)	.39	.39	.98	.98	.20	.00	.00	.20	.00	.59	.39	.00	.00	.00	.20	.00	.00	4.32
(2)	.05	.05	.12	.12	.02	.00	.00	.02	.00	.07	.05	.00	.00	.00	.02	.00	.00	.52
2.1- 3.0	1	1	1	0	0	0	0	0	0	0	2	0	1	0	0	0	0	6
(1)	.20	.20	.20	.00	.00	.00	.00	.00	.00	.00	.39	.00	.20	.00	.00	.00	.00	1.18
(2)	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.05	.00	.02	.00	.00	.00	.00	.14
3.1- 4.0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-39— {SSES 33' (10-m) 2001-2006 May JFD - continued}

(Page 2 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 11.99**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	6	19	79	194	81	34	22	19	21	14	13	1	4	0	2	0	0	509
(1)	1.18	3.73	15.52	38.11	15.91	6.68	4.32	3.73	4.13	2.75	2.55	.20	.79	.00	.39	.00	.00	100.00
(2)	.14	.45	1.86	4.57	1.91	.80	.52	.45	.49	.33	.31	.02	.09	.00	.05	.00	.00	11.99

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-39— {SSES 33' (10-m) 2001-2006 May JFD - continued}

(Page 1 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS G — CLASS FREQUENCY (PERCENT) = 6.62

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.36
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.36	.36	.36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.07
(2)	.00	.00	.00	.00	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	0	1	23	94	35	12	5	4	1	2	0	0	0	0	0	0	0	177
(1)	.00	.36	8.19	33.45	12.46	4.27	1.78	1.42	.36	.71	.00	.00	.00	.00	.00	.00	.00	62.99
(2)	.00	.02	.54	2.21	.82	.28	.12	.09	.02	.05	.00	.00	.00	.00	.00	.00	.00	4.17
1.1- 1.5	0	0	14	74	1	0	0	0	3	1	0	0	0	0	0	1	0	94
(1)	.00	.00	4.98	26.33	.36	.00	.00	.00	1.07	.36	.00	.00	.00	.00	.00	.36	.00	33.45
(2)	.00	.00	.33	1.74	.02	.00	.00	.00	.07	.02	.00	.00	.00	.00	.00	.02	.00	2.21
1.6- 2.0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.00	1.07	.36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.42
(2)	.00	.00	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
2.1- 3.0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.71	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.71
(2)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-39— {SSES 33' (10-m) 2001-2006 May JFD - continued}

(Page 2 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 6.62**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	3	40	170	37	13	6	4	4	3	0	0	0	0	0	1	0	281
(1)	.00	1.07	14.23	60.50	13.17	4.63	2.14	1.42	1.42	1.07	.00	.00	.00	.00	.00	.36	.00	100.00
(2)	.00	.07	.94	4.00	.87	.31	.14	.09	.09	.07	.00	.00	.00	.00	.00	.02	.00	6.62

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-39— {SSES 33' (10-m) 2001-2006 May JFD - continued}

(Page 1 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	1	0	4	6	5	1	0	0	0	1	0	0	0	0	0	0	0	18
(1)	.02	.00	.09	.14	.12	.02	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.42
(2)	.02	.00	.09	.14	.12	.02	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.42
.2- .4	0	2	1	2	3	4	2	1	0	2	0	0	0	0	0	0	0	17
(1)	.00	.05	.02	.05	.07	.09	.05	.02	.00	.05	.00	.00	.00	.00	.00	.00	.00	.40
(2)	.00	.05	.02	.05	.07	.09	.05	.02	.00	.05	.00	.00	.00	.00	.00	.00	.00	.40
.5- 1.0	9	31	120	325	208	114	79	56	44	26	8	2	4	3	3	3	0	1035
(1)	.21	.73	2.83	7.66	4.90	2.69	1.86	1.32	1.04	.61	.19	.05	.09	.07	.07	.07	.00	24.38
(2)	.21	.73	2.83	7.66	4.90	2.69	1.86	1.32	1.04	.61	.19	.05	.09	.07	.07	.07	.00	24.38
1.1- 1.5	12	56	148	202	45	24	41	38	93	70	49	13	7	3	4	7	0	812
(1)	.28	1.32	3.49	4.76	1.06	.57	.97	.90	2.19	1.65	1.15	.31	.16	.07	.09	.16	.00	19.13
(2)	.28	1.32	3.49	4.76	1.06	.57	.97	.90	2.19	1.65	1.15	.31	.16	.07	.09	.16	.00	19.13
1.6- 2.0	28	59	76	35	32	30	36	41	38	70	54	15	12	2	8	5	0	541
(1)	.66	1.39	1.79	.82	.75	.71	.85	.97	.90	1.65	1.27	.35	.28	.05	.19	.12	.00	12.74
(2)	.66	1.39	1.79	.82	.75	.71	.85	.97	.90	1.65	1.27	.35	.28	.05	.19	.12	.00	12.74
2.1- 3.0	58	86	64	33	37	41	47	45	42	97	129	46	22	18	23	36	0	824
(1)	1.37	2.03	1.51	.78	.87	.97	1.11	1.06	.99	2.29	3.04	1.08	.52	.42	.54	.85	.00	19.41
(2)	1.37	2.03	1.51	.78	.87	.97	1.11	1.06	.99	2.29	3.04	1.08	.52	.42	.54	.85	.00	19.41
3.1- 4.0	68	50	7	6	14	16	21	21	44	26	114	46	23	23	34	39	0	552
(1)	1.60	1.18	.16	.14	.33	.38	.49	.49	1.04	.61	2.69	1.08	.54	.54	.80	.92	.00	13.00
(2)	1.60	1.18	.16	.14	.33	.38	.49	.49	1.04	.61	2.69	1.08	.54	.54	.80	.92	.00	13.00
4.1- 5.0	43	17	1	1	10	5	0	4	7	6	71	40	15	14	20	35	0	289
(1)	1.01	.40	.02	.02	.24	.12	.00	.09	.16	.14	1.67	.94	.35	.33	.47	.82	.00	6.81
(2)	1.01	.40	.02	.02	.24	.12	.00	.09	.16	.14	1.67	.94	.35	.33	.47	.82	.00	6.81
5.1- 6.0	11	4	0	1	4	3	0	1	1	0	18	26	16	8	4	12	0	109
(1)	.26	.09	.00	.02	.09	.07	.00	.02	.02	.00	.42	.61	.38	.19	.09	.28	.00	2.57
(2)	.26	.09	.00	.02	.09	.07	.00	.02	.02	.00	.42	.61	.38	.19	.09	.28	.00	2.57
6.1- 8.0	7	0	0	0	0	1	0	0	1	0	4	16	5	9	2	3	0	48

Table 2.3-39— {SSES 33' (10-m) 2001-2006 May JFD - continued}
(Page 2 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.16	.00	.00	.00	.00	.02	.00	.00	.02	.00	.09	.38	.12	.21	.05	.07	.00	1.13
(2)	.16	.00	.00	.00	.00	.02	.00	.00	.02	.00	.09	.38	.12	.21	.05	.07	.00	1.13
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	237	305	421	611	358	239	226	207	270	298	447	204	104	80	98	140	0	4245
(1)	5.58	7.18	9.92	14.39	8.43	5.63	5.32	4.88	6.36	7.02	10.53	4.81	2.45	1.88	2.31	3.30	.00	100.00
(2)	5.58	7.18	9.92	14.39	8.43	5.63	5.32	4.88	6.36	7.02	10.53	4.81	2.45	1.88	2.31	3.30	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-40— {SSES 33' (10-m) 2001-2006 June JFD}

(Page 1 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 8.43**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	1	1	4	2	0	0	0	0	0	0	0	0	0	8
(1)	.00	.00	.00	.00	.27	.27	1.10	.55	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.20
(2)	.00	.00	.00	.00	.02	.02	.09	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19
1.1- 1.5	0	2	2	1	2	7	3	7	5	7	3	1	2	0	0	1	0	43
(1)	.00	.55	.55	.27	.55	1.92	.82	1.92	1.37	1.92	.82	.27	.55	.00	.00	.27	.00	11.81
(2)	.00	.05	.05	.02	.05	.16	.07	.16	.12	.16	.07	.02	.05	.00	.00	.02	.00	1.00
1.6- 2.0	1	1	1	3	7	1	5	6	1	8	7	3	1	0	0	2	0	47
(1)	.27	.27	.27	.82	1.92	.27	1.37	1.65	.27	2.20	1.92	.82	.27	.00	.00	.55	.00	12.91
(2)	.02	.02	.02	.07	.16	.02	.12	.14	.02	.19	.16	.07	.02	.00	.00	.05	.00	1.09
2.1- 3.0	2	6	11	3	2	1	5	0	4	25	53	7	3	1	0	1	0	124
(1)	.55	1.65	3.02	.82	.55	.27	1.37	.00	1.10	6.87	14.56	1.92	.82	.27	.00	.27	.00	34.07
(2)	.05	.14	.25	.07	.05	.02	.12	.00	.09	.58	1.23	.16	.07	.02	.00	.02	.00	2.87
3.1- 4.0	0	1	0	0	0	0	4	1	1	15	57	14	2	0	2	0	0	97
(1)	.00	.27	.00	.00	.00	.00	1.10	.27	.27	4.12	15.66	3.85	.55	.00	.55	.00	.00	26.65
(2)	.00	.02	.00	.00	.00	.00	.09	.02	.02	.35	1.32	.32	.05	.00	.05	.00	.00	2.25
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	16	14	3	0	1	1	0	35
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.40	3.85	.82	.00	.27	.27	.00	9.62
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.37	.32	.07	.00	.02	.02	.00	.81
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	1	5	1	0	1	1	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.27	1.37	.27	.00	.27	.27	.00	2.47
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.12	.02	.00	.02	.02	.00	.21
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1

Table 2.3-40— {SSES 33' (10-m) 2001-2006 June JFD}

(Page 2 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 8.43**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.27	.00	.00	.00	.00	.00	.27
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	3	10	14	7	12	10	21	16	11	55	137	45	12	1	4	6	0	364
(1)	.82	2.75	3.85	1.92	3.30	2.75	5.77	4.40	3.02	15.11	37.64	12.36	3.30	.27	1.10	1.65	.00	100.00
(2)	.07	.23	.32	.16	.28	.23	.49	.37	.25	1.27	3.17	1.04	.28	.02	.09	.14	.00	8.43

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-40— {SSES 33' (10-m) 2001-2006 June JFD - continued}

(Page 1 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 4.54**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	1	0	1	1	2	3	1	0	1	0	0	0	0	0	0	0	0	10
(1)	.51	.00	.51	.51	1.02	1.53	.51	.00	.51	.00	.00	.00	.00	.00	.00	.00	.00	5.10
(2)	.02	.00	.02	.02	.05	.07	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.23
1.1- 1.5	1	0	1	6	2	2	4	2	4	1	3	1	0	0	0	0	0	27
(1)	.51	.00	.51	3.06	1.02	1.02	2.04	1.02	2.04	.51	1.53	.51	.00	.00	.00	.00	.00	13.78
(2)	.02	.00	.02	.14	.05	.05	.09	.05	.09	.02	.07	.02	.00	.00	.00	.00	.00	.62
1.6- 2.0	3	1	1	1	0	0	3	2	0	3	2	0	0	0	0	1	0	17
(1)	1.53	.51	.51	.51	.00	.00	1.53	1.02	.00	1.53	1.02	.00	.00	.00	.00	.51	.00	8.67
(2)	.07	.02	.02	.02	.00	.00	.07	.05	.00	.07	.05	.00	.00	.00	.00	.02	.00	.39
2.1- 3.0	2	7	10	2	1	0	2	0	2	12	18	5	2	0	0	0	0	63
(1)	1.02	3.57	5.10	1.02	.51	.00	1.02	.00	1.02	6.12	9.18	2.55	1.02	.00	.00	.00	.00	32.14
(2)	.05	.16	.23	.05	.02	.00	.05	.00	.05	.28	.42	.12	.05	.00	.00	.00	.00	1.46
3.1- 4.0	3	0	0	0	0	0	0	0	0	0	34	8	5	1	2	4	0	57
(1)	1.53	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.35	4.08	2.55	.51	1.02	2.04	.00	29.08
(2)	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.79	.19	.12	.02	.05	.09	.00	1.32
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	8	3	4	0	0	1	0	16
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.08	1.53	2.04	.00	.00	.51	.00	8.16
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19	.07	.09	.00	.00	.02	.00	.37
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	1	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.51	2.04	.00	.00	.00	.51	.00	3.06
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.09	.00	.00	.00	.02	.00	.14
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-40— {SSES 33' (10-m) 2001-2006 June JFD - continued}

(Page 2 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 4.54**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	10	8	13	10	5	5	10	4	7	16	66	21	11	1	2	7	0	196
(1)	5.10	4.08	6.63	5.10	2.55	2.55	5.10	2.04	3.57	8.16	33.67	10.71	5.61	.51	1.02	3.57	.00	100.00
(2)	.23	.19	.30	.23	.12	.12	.23	.09	.16	.37	1.53	.49	.25	.02	.05	.16	.00	4.54

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-40— {SSES 33' (10-m) 2001-2006 June JFD - continued}

(Page 1 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 5.37**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	1	2	0	2	4	0	1	0	1	0	0	0	0	0	0	0	11
(1)	.00	.43	.86	.00	.86	1.72	.00	.43	.00	.43	.00	.00	.00	.00	.00	.00	.00	4.74
(2)	.00	.02	.05	.00	.05	.09	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.25
1.1- 1.5	1	4	0	4	3	0	3	1	3	3	1	0	0	0	0	1	0	24
(1)	.43	1.72	.00	1.72	1.29	.00	1.29	.43	1.29	1.29	.43	.00	.00	.00	.00	.43	.00	10.34
(2)	.02	.09	.00	.09	.07	.00	.07	.02	.07	.07	.02	.00	.00	.00	.00	.02	.00	.56
1.6- 2.0	2	4	7	3	1	1	1	1	1	4	6	1	1	2	0	1	0	36
(1)	.86	1.72	3.02	1.29	.43	.43	.43	.43	.43	1.72	2.59	.43	.43	.86	.00	.43	.00	15.52
(2)	.05	.09	.16	.07	.02	.02	.02	.02	.02	.09	.14	.02	.02	.05	.00	.02	.00	.83
2.1- 3.0	6	4	1	3	0	2	0	1	2	7	27	6	2	0	1	6	0	68
(1)	2.59	1.72	.43	1.29	.00	.86	.00	.43	.86	3.02	11.64	2.59	.86	.00	.43	2.59	.00	29.31
(2)	.14	.09	.02	.07	.00	.05	.00	.02	.05	.16	.63	.14	.05	.00	.02	.14	.00	1.57
3.1- 4.0	2	0	0	0	0	0	0	0	1	2	30	6	2	0	1	4	0	48
(1)	.86	.00	.00	.00	.00	.00	.00	.00	.43	.86	12.93	2.59	.86	.00	.43	1.72	.00	20.69
(2)	.05	.00	.00	.00	.00	.00	.00	.00	.02	.05	.69	.14	.05	.00	.02	.09	.00	1.11
4.1- 5.0	1	0	0	0	0	0	0	0	0	0	8	12	4	1	3	2	0	31
(1)	.43	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.45	5.17	1.72	.43	1.29	.86	.00	13.36
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19	.28	.09	.02	.07	.05	.00	.72
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	5	4	0	14
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.29	.86	.00	.00	2.16	1.72	.00	6.03
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.05	.00	.00	.12	.09	.00	.32
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-40— {SSES 33' (10-m) 2001-2006 June JFD - continued}

(Page 2 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 5.37**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	12	13	10	10	6	7	4	4	7	17	75	27	9	3	10	18	0	232
(1)	5.17	5.60	4.31	4.31	2.59	3.02	1.72	1.72	3.02	7.33	32.33	11.64	3.88	1.29	4.31	7.76	.00	100.00
(2)	.28	.30	.23	.23	.14	.16	.09	.09	.16	.39	1.74	.62	.21	.07	.23	.42	.00	5.37

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-40— {SSES 33' (10-m) 2001-2006 June JFD - continued}

(Page 1 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA | STABILITY CLASS D | CLASS FREQUENCY (PERCENT) = 33.24

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	2	4	25	31	42	27	30	11	14	14	9	0	1	0	2	0	0	212
(1)	.14	.28	1.74	2.16	2.92	1.88	2.09	.77	.97	.97	.63	.00	.07	.00	.14	.00	.00	14.76
(2)	.05	.09	.58	.72	.97	.63	.69	.25	.32	.32	.21	.00	.02	.00	.05	.00	.00	4.91
1.1- 1.5	17	31	37	28	20	12	19	17	33	44	27	8	3	3	3	2	0	304
(1)	1.18	2.16	2.58	1.95	1.39	.84	1.32	1.18	2.30	3.06	1.88	.56	.21	.21	.21	.14	.00	21.17
(2)	.39	.72	.86	.65	.46	.28	.44	.39	.76	1.02	.63	.19	.07	.07	.07	.05	.00	7.04
1.6- 2.0	26	36	21	6	7	13	20	14	17	43	42	12	9	2	2	6	0	276
(1)	1.81	2.51	1.46	.42	.49	.91	1.39	.97	1.18	2.99	2.92	.84	.63	.14	.14	.42	.00	19.22
(2)	.60	.83	.49	.14	.16	.30	.46	.32	.39	1.00	.97	.28	.21	.05	.05	.14	.00	6.39
2.1- 3.0	29	32	27	7	6	5	20	25	25	47	80	28	8	12	12	31	0	394
(1)	2.02	2.23	1.88	.49	.42	.35	1.39	1.74	1.74	3.27	5.57	1.95	.56	.84	.84	2.16	.00	27.44
(2)	.67	.74	.63	.16	.14	.12	.46	.58	.58	1.09	1.85	.65	.19	.28	.28	.72	.00	9.12
3.1- 4.0	10	12	2	0	0	1	1	0	1	4	59	27	15	5	21	16	0	174
(1)	.70	.84	.14	.00	.00	.07	.07	.00	.07	.28	4.11	1.88	1.04	.35	1.46	1.11	.00	12.12
(2)	.23	.28	.05	.00	.00	.02	.02	.00	.02	.09	1.37	.63	.35	.12	.49	.37	.00	4.03
4.1- 5.0	3	0	0	0	0	0	0	0	0	0	11	19	2	1	13	16	0	65
(1)	.21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.77	1.32	.14	.07	.91	1.11	.00	4.53
(2)	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.25	.44	.05	.02	.30	.37	.00	1.50
5.1- 6.0	2	0	0	0	0	0	0	0	0	0	2	4	0	0	0	1	0	9
(1)	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.28	.00	.00	.00	.07	.00	.63
(2)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.09	.00	.00	.00	.02	.00	.21
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1

Table 2.3-40— {SSES 33' (10-m) 2001-2006 June JFD - continued}

(Page 2 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 33.24**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	89	115	112	72	75	59	90	67	90	152	230	99	38	23	53	72	0	1436
(1)	6.20	8.01	7.80	5.01	5.22	4.11	6.27	4.67	6.27	10.58	16.02	6.89	2.65	1.60	3.69	5.01	.00	100.00
(2)	2.06	2.66	2.59	1.67	1.74	1.37	2.08	1.55	2.08	3.52	5.32	2.29	.88	.53	1.23	1.67	.00	33.24

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-40— {SSES 33' (10-m) 2001-2006 June JFD - continued}

(Page 1 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.13**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	4	2	0	1	0	0	0	0	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.33	.16	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.58
(2)	.00	.00	.00	.00	.09	.05	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16
.5- 1.0	10	24	63	105	94	62	49	31	36	10	5	2	1	4	0	1	0	497
(1)	.82	1.98	5.19	8.64	7.74	5.10	4.03	2.55	2.96	.82	.41	.16	.08	.33	.00	.08	.00	40.91
(2)	.23	.56	1.46	2.43	2.18	1.44	1.13	.72	.83	.23	.12	.05	.02	.09	.00	.02	.00	11.50
1.1- 1.5	12	45	61	44	13	10	24	24	50	55	18	9	2	1	4	1	0	373
(1)	.99	3.70	5.02	3.62	1.07	.82	1.98	1.98	4.12	4.53	1.48	.74	.16	.08	.33	.08	.00	30.70
(2)	.28	1.04	1.41	1.02	.30	.23	.56	.56	1.16	1.27	.42	.21	.05	.02	.09	.02	.00	8.63
1.6- 2.0	16	36	18	7	1	5	4	7	19	40	12	5	2	1	2	5	0	180
(1)	1.32	2.96	1.48	.58	.08	.41	.33	.58	1.56	3.29	.99	.41	.16	.08	.16	.41	.00	14.81
(2)	.37	.83	.42	.16	.02	.12	.09	.16	.44	.93	.28	.12	.05	.02	.05	.12	.00	4.17
2.1- 3.0	17	26	1	0	0	0	4	4	5	18	23	2	2	5	5	9	0	121
(1)	1.40	2.14	.08	.00	.00	.00	.33	.33	.41	1.48	1.89	.16	.16	.41	.41	.74	.00	9.96
(2)	.39	.60	.02	.00	.00	.00	.09	.09	.12	.42	.53	.05	.05	.12	.12	.21	.00	2.80
3.1- 4.0	4	4	1	0	0	0	1	0	0	1	9	2	2	2	1	5	0	32
(1)	.33	.33	.08	.00	.00	.00	.08	.00	.00	.08	.74	.16	.16	.16	.08	.41	.00	2.63
(2)	.09	.09	.02	.00	.00	.00	.02	.00	.00	.02	.21	.05	.05	.05	.02	.12	.00	.74
4.1- 5.0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	1	1	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.16	.00	.00	.00	.08	.08	.00	.41
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.05	.00	.00	.00	.02	.02	.00	.12
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-40— {SSES 33' (10-m) 2001-2006 June JFD - continued}

(Page 2 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.13**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	59	135	144	156	112	79	82	68	110	124	69	20	9	13	13	22	0	1215
(1)	4.86	11.11	11.85	12.84	9.22	6.50	6.75	5.60	9.05	10.21	5.68	1.65	.74	1.07	1.07	1.81	.00	100.00
(2)	1.37	3.13	3.33	3.61	2.59	1.83	1.90	1.57	2.55	2.87	1.60	.46	.21	.30	.30	.51	.00	28.12

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-40— {SSES 33' (10-m) 2001-2006 June JFD - continued}
(Page 1 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 14.31**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	2	3	0	2	0	0	0	0	0	0	0	0	0	0	7
(1)	.00	.00	.00	.32	.49	.00	.32	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.13
(2)	.00	.00	.00	.05	.07	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16
.5- 1.0	1	5	31	204	104	28	19	9	8	2	0	0	0	0	1	0	0	412
(1)	.16	.81	5.02	33.01	16.83	4.53	3.07	1.46	1.29	.32	.00	.00	.00	.00	.16	.00	.00	66.67
(2)	.02	.12	.72	4.72	2.41	.65	.44	.21	.19	.05	.00	.00	.00	.00	.02	.00	.00	9.54
1.1- 1.5	3	8	24	114	4	0	2	5	7	12	1	0	0	1	1	0	0	182
(1)	.49	1.29	3.88	18.45	.65	.00	.32	.81	1.13	1.94	.16	.00	.00	.16	.16	.00	.00	29.45
(2)	.07	.19	.56	2.64	.09	.00	.05	.12	.16	.28	.02	.00	.00	.02	.02	.00	.00	4.21
1.6- 2.0	3	1	2	7	0	0	0	0	0	0	2	0	0	0	0	0	0	15
(1)	.49	.16	.32	1.13	.00	.00	.00	.00	.00	.00	.32	.00	.00	.00	.00	.00	.00	2.43
(2)	.07	.02	.05	.16	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.35
2.1- 3.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16	.00	.00	.16
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-40— {SSES 33' (10-m) 2001-2006 June JFD - continued}
(Page 2 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 14.31**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	7	15	57	327	111	28	23	14	15	14	3	0	0	1	3	0	0	618
(1)	1.13	2.43	9.22	52.91	17.96	4.53	3.72	2.27	2.43	2.27	.49	.00	.00	.16	.49	.00	.00	100.00
(2)	.16	.35	1.32	7.57	2.57	.65	.53	.32	.35	.32	.07	.00	.00	.02	.07	.00	.00	14.31

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-40— {SSES 33' (10-m) 2001-2006 June JFD - continued}

(Page 1 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 6.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	1	36	101	22	8	7	1	2	0	0	0	0	0	1	0	0	179
(1)	.00	.39	13.90	39.00	8.49	3.09	2.70	.39	.77	.00	.00	.00	.00	.00	.39	.00	.00	69.11
(2)	.00	.02	.83	2.34	.51	.19	.16	.02	.05	.00	.00	.00	.00	.00	.02	.00	.00	4.14
1.1- 1.5	0	0	7	61	2	0	0	2	1	0	0	0	0	0	0	0	0	73
(1)	.00	.00	2.70	23.55	.77	.00	.00	.77	.39	.00	.00	.00	.00	.00	.00	.00	.00	28.19
(2)	.00	.00	.16	1.41	.05	.00	.00	.05	.02	.00	.00	.00	.00	.00	.00	.00	.00	1.69
1.6- 2.0	0	0	0	4	0	0	0	0	0	0	2	0	0	0	0	0	0	6
(1)	.00	.00	.00	1.54	.00	.00	.00	.00	.00	.00	.77	.00	.00	.00	.00	.00	.00	2.32
(2)	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.14
2.1- 3.0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.39	.00	.00	.00	.00	.00	.00	.00	.39
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-40— {SSES 33' (10-m) 2001-2006 June JFD - continued}
(Page 2 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 6.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	1	43	166	24	8	7	3	3	1	2	0	0	0	1	0	0	259
(1)	.00	.39	16.60	64.09	9.27	3.09	2.70	1.16	1.16	.39	.77	.00	.00	.00	.39	.00	.00	100.00
(2)	.00	.02	1.00	3.84	.56	.19	.16	.07	.07	.02	.05	.00	.00	.00	.02	.00	.00	6.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-40— {SSES 33' (10-m) 2001-2006 June JFD - continued}

(Page 1 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	2	7	3	2	1	0	0	0	0	0	0	0	0	0	15
(1)	.00	.00	.00	.05	.16	.07	.05	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.35
(2)	.00	.00	.00	.05	.16	.07	.05	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.35
.5- 1.0	14	35	158	442	267	133	110	55	61	27	14	2	2	4	4	1	0	1329
(1)	.32	.81	3.66	10.23	6.18	3.08	2.55	1.27	1.41	.63	.32	.05	.05	.09	.09	.02	.00	30.76
(2)	.32	.81	3.66	10.23	6.18	3.08	2.55	1.27	1.41	.63	.32	.05	.05	.09	.09	.02	.00	30.76
1.1- 1.5	34	90	132	258	46	31	55	58	103	122	53	19	7	5	8	5	0	1026
(1)	.79	2.08	3.06	5.97	1.06	.72	1.27	1.34	2.38	2.82	1.23	.44	.16	.12	.19	.12	.00	23.75
(2)	.79	2.08	3.06	5.97	1.06	.72	1.27	1.34	2.38	2.82	1.23	.44	.16	.12	.19	.12	.00	23.75
1.6- 2.0	51	79	50	31	16	20	33	30	38	98	73	21	13	5	4	15	0	577
(1)	1.18	1.83	1.16	.72	.37	.46	.76	.69	.88	2.27	1.69	.49	.30	.12	.09	.35	.00	13.36
(2)	1.18	1.83	1.16	.72	.37	.46	.76	.69	.88	2.27	1.69	.49	.30	.12	.09	.35	.00	13.36
2.1- 3.0	56	76	50	15	9	8	31	30	38	110	201	48	17	18	18	47	0	772
(1)	1.30	1.76	1.16	.35	.21	.19	.72	.69	.88	2.55	4.65	1.11	.39	.42	.42	1.09	.00	17.87
(2)	1.30	1.76	1.16	.35	.21	.19	.72	.69	.88	2.55	4.65	1.11	.39	.42	.42	1.09	.00	17.87
3.1- 4.0	19	17	3	0	0	1	6	1	3	22	189	57	26	8	28	29	0	409
(1)	.44	.39	.07	.00	.00	.02	.14	.02	.07	.51	4.38	1.32	.60	.19	.65	.67	.00	9.47
(2)	.44	.39	.07	.00	.00	.02	.14	.02	.07	.51	4.38	1.32	.60	.19	.65	.67	.00	9.47
4.1- 5.0	4	0	0	0	0	0	0	1	0	0	45	48	13	2	18	21	0	152
(1)	.09	.00	.00	.00	.00	.00	.00	.02	.00	.00	1.04	1.11	.30	.05	.42	.49	.00	3.52
(2)	.09	.00	.00	.00	.00	.00	.00	.02	.00	.00	1.04	1.11	.30	.05	.42	.49	.00	3.52
5.1- 6.0	2	0	0	0	0	0	0	0	0	0	7	15	1	0	6	7	0	38
(1)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16	.35	.02	.00	.14	.16	.00	.88
(2)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16	.35	.02	.00	.14	.16	.00	.88
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2

Table 2.3-40— {SSES 33' (10-m) 2001-2006 June JFD - continued}
(Page 2 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	180	297	393	748	345	196	237	176	243	379	582	212	79	42	86	125	0	4320
(1)	4.17	6.88	9.10	17.31	7.99	4.54	5.49	4.07	5.63	8.77	13.47	4.91	1.83	.97	1.99	2.89	.00	100.00
(2)	4.17	6.88	9.10	17.31	7.99	4.54	5.49	4.07	5.63	8.77	13.47	4.91	1.83	.97	1.99	2.89	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-41— {SSES 33' (10-m) 2001-2006 July JFD}

(Page 1 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 11.16**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	1	1	4	2	2	1	3	0	0	0	0	0	0	0	0	14
(1)	.00	.00	.20	.20	.80	.40	.40	.20	.60	.00	.00	.00	.00	.00	.00	.00	.00	2.81
(2)	.00	.00	.02	.02	.09	.04	.04	.02	.07	.00	.00	.00	.00	.00	.00	.00	.00	.31
1.1- 1.5	1	1	11	12	11	6	4	4	7	9	7	2	0	0	0	1	0	76
(1)	.20	.20	2.21	2.41	2.21	1.20	.80	.80	1.41	1.81	1.41	.40	.00	.00	.00	.20	.00	15.26
(2)	.02	.02	.25	.27	.25	.13	.09	.09	.16	.20	.16	.04	.00	.00	.00	.02	.00	1.70
1.6- 2.0	2	4	3	6	4	4	1	2	7	11	15	5	0	1	0	1	0	66
(1)	.40	.80	.60	1.20	.80	.80	.20	.40	1.41	2.21	3.01	1.00	.00	.20	.00	.20	.00	13.25
(2)	.04	.09	.07	.13	.09	.09	.02	.04	.16	.25	.34	.11	.00	.02	.00	.02	.00	1.48
2.1- 3.0	4	12	5	4	1	0	13	5	11	33	71	8	1	1	1	5	0	175
(1)	.80	2.41	1.00	.80	.20	.00	2.61	1.00	2.21	6.63	14.26	1.61	.20	.20	.20	1.00	.00	35.14
(2)	.09	.27	.11	.09	.02	.00	.29	.11	.25	.74	1.59	.18	.02	.02	.02	.11	.00	3.92
3.1- 4.0	19	12	1	0	0	0	0	0	2	6	55	18	6	1	1	1	0	122
(1)	3.82	2.41	.20	.00	.00	.00	.00	.00	.40	1.20	11.04	3.61	1.20	.20	.20	.20	.00	24.50
(2)	.43	.27	.02	.00	.00	.00	.00	.00	.04	.13	1.23	.40	.13	.02	.02	.02	.00	2.73
4.1- 5.0	4	1	0	0	0	0	0	0	0	0	14	17	1	0	1	3	0	41
(1)	.80	.20	.00	.00	.00	.00	.00	.00	.00	.00	2.81	3.41	.20	.00	.20	.60	.00	8.23
(2)	.09	.02	.00	.00	.00	.00	.00	.00	.00	.00	.31	.38	.02	.00	.02	.07	.00	.92
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.80	.00	.00	.00	.00	.00	.80
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.09
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-41— {SSES 33' (10-m) 2001-2006 July JFD}
(Page 2 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 11.16**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	30	30	21	23	20	12	20	12	30	59	162	54	8	3	3	11	0	498
(1)	6.02	6.02	4.22	4.62	4.02	2.41	4.02	2.41	6.02	11.85	32.53	10.84	1.61	.60	.60	2.21	.00	100.00
(2)	.67	.67	.47	.52	.45	.27	.45	.27	.67	1.32	3.63	1.21	.18	.07	.07	.25	.00	11.16

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-41— {SSES 33' (10-m) 2001-2006 July JFD - continued}

(Page 1 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 4.57**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.49	.49	.00	.98	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.96
(2)	.00	.00	.00	.00	.02	.02	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
1.1- 1.5	2	0	3	2	2	0	2	0	2	1	1	0	0	0	0	0	0	15
(1)	.98	.00	1.47	.98	.98	.00	.98	.00	.98	.49	.49	.00	.00	.00	.00	.00	.00	7.35
(2)	.04	.00	.07	.04	.04	.00	.04	.00	.04	.02	.02	.00	.00	.00	.00	.00	.00	.34
1.6- 2.0	3	7	3	2	1	0	1	2	2	2	4	3	0	0	0	1	0	31
(1)	1.47	3.43	1.47	.98	.49	.00	.49	.98	.98	.98	1.96	1.47	.00	.00	.00	.49	.00	15.20
(2)	.07	.16	.07	.04	.02	.00	.02	.04	.04	.04	.09	.07	.00	.00	.00	.02	.00	.69
2.1- 3.0	1	12	3	1	0	0	3	1	5	12	21	3	2	1	2	1	0	68
(1)	.49	5.88	1.47	.49	.00	.00	1.47	.49	2.45	5.88	10.29	1.47	.98	.49	.98	.49	.00	33.33
(2)	.02	.27	.07	.02	.00	.00	.07	.02	.11	.27	.47	.07	.04	.02	.04	.02	.00	1.52
3.1- 4.0	6	4	1	0	0	0	1	0	0	2	23	9	5	2	1	3	0	57
(1)	2.94	1.96	.49	.00	.00	.00	.49	.00	.00	.98	11.27	4.41	2.45	.98	.49	1.47	.00	27.94
(2)	.13	.09	.02	.00	.00	.00	.02	.00	.00	.04	.52	.20	.11	.04	.02	.07	.00	1.28
4.1- 5.0	5	3	0	0	0	0	0	0	0	0	8	6	3	0	1	2	0	28
(1)	2.45	1.47	.00	.00	.00	.00	.00	.00	.00	.00	3.92	2.94	1.47	.00	.49	.98	.00	13.73
(2)	.11	.07	.00	.00	.00	.00	.00	.00	.00	.00	.18	.13	.07	.00	.02	.04	.00	.63
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.49	.00	.00	.00	.00	.00	.00	.49
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-41— {SSES 33' (10-m) 2001-2006 July JFD - continued}
(Page 2 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 4.57**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	17	26	10	5	4	1	7	5	9	17	58	21	10	3	4	7	0	204
(1)	8.33	12.75	4.90	2.45	1.96	.49	3.43	2.45	4.41	8.33	28.43	10.29	4.90	1.47	1.96	3.43	.00	100.00
(2)	.38	.58	.22	.11	.09	.02	.16	.11	.20	.38	1.30	.47	.22	.07	.09	.16	.00	4.57

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-41— {SSES 33' (10-m) 2001-2006 July JFD - continued}

(Page 1 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 6.03

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	1	0	1	4	4	1	1	1	0	0	0	0	0	0	0	0	13
(1)	.00	.37	.00	.37	1.49	1.49	.37	.37	.37	.00	.00	.00	.00	.00	.00	.00	.00	4.83
(2)	.00	.02	.00	.02	.09	.09	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.29
1.1- 1.5	1	5	2	5	4	2	1	1	4	4	3	0	2	0	1	0	0	35
(1)	.37	1.86	.74	1.86	1.49	.74	.37	.37	1.49	1.49	1.12	.00	.74	.00	.37	.00	.00	13.01
(2)	.02	.11	.04	.11	.09	.04	.02	.02	.09	.09	.07	.00	.04	.00	.02	.00	.00	.78
1.6- 2.0	4	1	0	4	1	3	6	2	3	3	6	5	1	1	1	0	0	41
(1)	1.49	.37	.00	1.49	.37	1.12	2.23	.74	1.12	1.12	2.23	1.86	.37	.37	.37	.00	.00	15.24
(2)	.09	.02	.00	.09	.02	.07	.13	.04	.07	.07	.13	.11	.02	.02	.02	.00	.00	.92
2.1- 3.0	11	6	3	0	0	0	1	3	2	18	24	8	2	2	6	2	0	88
(1)	4.09	2.23	1.12	.00	.00	.00	.37	1.12	.74	6.69	8.92	2.97	.74	.74	2.23	.74	.00	32.71
(2)	.25	.13	.07	.00	.00	.00	.02	.07	.04	.40	.54	.18	.04	.04	.13	.04	.00	1.97
3.1- 4.0	11	1	0	0	0	0	0	0	4	1	14	11	4	2	9	6	0	63
(1)	4.09	.37	.00	.00	.00	.00	.00	.00	1.49	.37	5.20	4.09	1.49	.74	3.35	2.23	.00	23.42
(2)	.25	.02	.00	.00	.00	.00	.00	.00	.09	.02	.31	.25	.09	.04	.20	.13	.00	1.41
4.1- 5.0	2	1	0	0	0	0	0	0	0	0	6	14	1	0	0	1	0	25
(1)	.74	.37	.00	.00	.00	.00	.00	.00	.00	.00	2.23	5.20	.37	.00	.00	.37	.00	9.29
(2)	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.13	.31	.02	.00	.00	.02	.00	.56
5.1- 6.0	0	1	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	4
(1)	.00	.37	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.12	.00	.00	.00	.00	.00	1.49
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.09
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-41— {SSES 33' (10-m) 2001-2006 July JFD - continued}

(Page 2 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 6.03**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	29	16	5	10	9	9	9	7	14	26	53	41	10	5	17	9	0	269
(1)	10.78	5.95	1.86	3.72	3.35	3.35	3.35	2.60	5.20	9.67	19.70	15.24	3.72	1.86	6.32	3.35	.00	100.00
(2)	.65	.36	.11	.22	.20	.20	.20	.16	.31	.58	1.19	.92	.22	.11	.38	.20	.00	6.03

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-41— {SSES 33' (10-m) 2001-2006 July JFD - continued}

(Page 1 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 28.88

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	1	10	21	27	26	28	21	15	14	5	6	3	0	0	1	2	0	180
(1)	.08	.78	1.63	2.09	2.02	2.17	1.63	1.16	1.09	.39	.47	.23	.00	.00	.08	.16	.00	13.96
(2)	.02	.22	.47	.60	.58	.63	.47	.34	.31	.11	.13	.07	.00	.00	.02	.04	.00	4.03
1.1- 1.5	6	24	26	29	19	17	19	17	29	36	28	11	3	2	3	2	0	271
(1)	.47	1.86	2.02	2.25	1.47	1.32	1.47	1.32	2.25	2.79	2.17	.85	.23	.16	.23	.16	.00	21.02
(2)	.13	.54	.58	.65	.43	.38	.43	.38	.65	.81	.63	.25	.07	.04	.07	.04	.00	6.07
1.6- 2.0	8	34	11	12	11	10	23	20	25	33	32	6	2	3	4	7	0	241
(1)	.62	2.64	.85	.93	.85	.78	1.78	1.55	1.94	2.56	2.48	.47	.16	.23	.31	.54	.00	18.70
(2)	.18	.76	.25	.27	.25	.22	.52	.45	.56	.74	.72	.13	.04	.07	.09	.16	.00	5.40
2.1- 3.0	33	33	9	6	3	11	21	13	38	56	62	30	8	6	11	23	0	363
(1)	2.56	2.56	.70	.47	.23	.85	1.63	1.01	2.95	4.34	4.81	2.33	.62	.47	.85	1.78	.00	28.16
(2)	.74	.74	.20	.13	.07	.25	.47	.29	.85	1.25	1.39	.67	.18	.13	.25	.52	.00	8.13
3.1- 4.0	16	11	0	0	0	0	4	1	4	6	61	25	6	4	13	18	0	169
(1)	1.24	.85	.00	.00	.00	.00	.31	.08	.31	.47	4.73	1.94	.47	.31	1.01	1.40	.00	13.11
(2)	.36	.25	.00	.00	.00	.00	.09	.02	.09	.13	1.37	.56	.13	.09	.29	.40	.00	3.79
4.1- 5.0	4	0	0	0	0	0	0	0	1	2	22	14	2	1	2	0	0	48
(1)	.31	.00	.00	.00	.00	.00	.00	.00	.08	.16	1.71	1.09	.16	.08	.16	.00	.00	3.72
(2)	.09	.00	.00	.00	.00	.00	.00	.00	.02	.04	.49	.31	.04	.02	.04	.00	.00	1.08
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	6	10	0	0	0	0	0	16
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.47	.78	.00	.00	.00	.00	.00	1.24
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13	.22	.00	.00	.00	.00	.00	.36
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1

Table 2.3-41— {SSES 33' (10-m) 2001-2006 July JFD - continued}

(Page 2 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 28.88**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.08
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	68	112	67	74	59	66	88	66	111	138	217	100	21	16	34	52	0	1289
(1)	5.28	8.69	5.20	5.74	4.58	5.12	6.83	5.12	8.61	10.71	16.83	7.76	1.63	1.24	2.64	4.03	.00	100.00
(2)	1.52	2.51	1.50	1.66	1.32	1.48	1.97	1.48	2.49	3.09	4.86	2.24	.47	.36	.76	1.16	.00	28.88

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-41— {SSES 33' (10-m) 2001-2006 July JFD - continued}

(Page 1 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 29.79

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	2	5	0	0	1	0	0	0	0	0	0	0	0	0	9
(1)	.00	.00	.08	.15	.38	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.68
(2)	.00	.00	.02	.04	.11	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20
.5- 1.0	5	19	86	162	135	75	71	37	33	10	4	0	1	2	0	0	0	640
(1)	.38	1.43	6.47	12.18	10.15	5.64	5.34	2.78	2.48	.75	.30	.00	.08	.15	.00	.00	.00	48.12
(2)	.11	.43	1.93	3.63	3.02	1.68	1.59	.83	.74	.22	.09	.00	.02	.04	.00	.00	.00	14.34
1.1- 1.5	10	50	81	57	10	14	19	19	45	53	11	5	0	0	4	0	0	378
(1)	.75	3.76	6.09	4.29	.75	1.05	1.43	1.43	3.38	3.98	.83	.38	.00	.00	.30	.00	.00	28.42
(2)	.22	1.12	1.81	1.28	.22	.31	.43	.43	1.01	1.19	.25	.11	.00	.00	.09	.00	.00	8.47
1.6- 2.0	14	33	8	5	4	9	8	3	21	37	19	5	1	0	1	3	0	171
(1)	1.05	2.48	.60	.38	.30	.68	.60	.23	1.58	2.78	1.43	.38	.08	.00	.08	.23	.00	12.86
(2)	.31	.74	.18	.11	.09	.20	.18	.07	.47	.83	.43	.11	.02	.00	.02	.07	.00	3.83
2.1- 3.0	9	7	3	2	1	3	3	1	7	17	28	5	2	0	10	13	0	111
(1)	.68	.53	.23	.15	.08	.23	.23	.08	.53	1.28	2.11	.38	.15	.00	.75	.98	.00	8.35
(2)	.20	.16	.07	.04	.02	.07	.07	.02	.16	.38	.63	.11	.04	.00	.22	.29	.00	2.49
3.1- 4.0	2	0	0	0	0	0	1	0	0	0	3	2	3	2	2	3	0	18
(1)	.15	.00	.00	.00	.00	.00	.08	.00	.00	.00	.23	.15	.23	.15	.15	.23	.00	1.35
(2)	.04	.00	.00	.00	.00	.00	.02	.00	.00	.00	.07	.04	.07	.04	.04	.07	.00	.40
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.08	.00	.15
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.00	.04
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.00	.08
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-41— {SSES 33' (10-m) 2001-2006 July JFD - continued}
(Page 2 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 29.79**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	40	109	179	228	155	101	102	61	106	117	67	17	7	4	17	20	0	1330
(1)	3.01	8.20	13.46	17.14	11.65	7.59	7.67	4.59	7.97	8.80	5.04	1.28	.53	.30	1.28	1.50	.00	100.00
(2)	.90	2.44	4.01	5.11	3.47	2.26	2.28	1.37	2.37	2.62	1.50	.38	.16	.09	.38	.45	.00	29.79

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-41— {SSES 33' (10-m) 2001-2006 July JFD - continued}

(Page 1 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 15.59**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.29	.29	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.57
(2)	.00	.00	.00	.00	.04	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
.5- 1.0	0	8	31	206	123	50	18	12	6	2	2	0	0	0	1	1	0	460
(1)	.00	1.15	4.45	29.60	17.67	7.18	2.59	1.72	.86	.29	.29	.00	.00	.00	.14	.14	.00	66.09
(2)	.00	.18	.69	4.61	2.76	1.12	.40	.27	.13	.04	.04	.00	.00	.00	.02	.02	.00	10.30
1.1- 1.5	0	9	31	136	11	2	3	2	8	9	1	0	0	0	0	1	0	213
(1)	.00	1.29	4.45	19.54	1.58	.29	.43	.29	1.15	1.29	.14	.00	.00	.00	.00	.14	.00	30.60
(2)	.00	.20	.69	3.05	.25	.04	.07	.04	.18	.20	.02	.00	.00	.00	.00	.02	.00	4.77
1.6- 2.0	0	3	2	9	1	0	0	0	0	2	0	0	0	0	0	1	0	18
(1)	.00	.43	.29	1.29	.14	.00	.00	.00	.00	.29	.00	.00	.00	.00	.00	.14	.00	2.59
(2)	.00	.07	.04	.20	.02	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00	.02	.00	.40
2.1- 3.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-41— {SSES 33' (10-m) 2001-2006 July JFD - continued}
(Page 2 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 15.59**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	21	64	351	137	54	21	14	14	13	3	0	0	0	1	3	0	696
(1)	.00	3.02	9.20	50.43	19.68	7.76	3.02	2.01	2.01	1.87	.43	.00	.00	.00	.14	.43	.00	100.00
(2)	.00	.47	1.43	7.86	3.07	1.21	.47	.31	.31	.29	.07	.00	.00	.00	.02	.07	.00	15.59

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-41— {SSES 33' (10-m) 2001-2006 July JFD - continued}

(Page 1 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 3.99

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	11	68	25	9	0	2	0	0	0	0	0	0	0	0	0	115
(1)	.00	.00	6.18	38.20	14.04	5.06	.00	1.12	.00	.00	.00	.00	.00	.00	.00	.00	.00	64.61
(2)	.00	.00	.25	1.52	.56	.20	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.58
1.1- 1.5	0	1	8	46	2	0	0	0	0	0	0	0	0	0	0	1	0	58
(1)	.00	.56	4.49	25.84	1.12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.56	.00	32.58
(2)	.00	.02	.18	1.03	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	1.30
1.6- 2.0	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	5
(1)	.56	.00	.00	2.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.81
(2)	.02	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11
2.1- 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-41— {SSES 33' (10-m) 2001-2006 July JFD - continued}

(Page 2 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 3.99**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	1	1	19	118	27	9	0	2	0	0	0	0	0	0	0	1	0	178
(1)	.56	.56	10.67	66.29	15.17	5.06	.00	1.12	.00	.00	.00	.00	.00	.00	.00	.56	.00	100.00
(2)	.02	.02	.43	2.64	.60	.20	.00	.04	.00	.00	.00	.00	.00	.00	.00	.02	.00	3.99

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-41— {SSES 33' (10-m) 2001-2006 July JFD - continued}

(Page 1 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	2	7	2	0	1	0	0	0	0	0	0	0	0	0	13
(1)	.00	.00	.02	.04	.16	.04	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.29
(2)	.00	.00	.02	.04	.16	.04	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.29
.5- 1.0	6	38	150	465	318	169	113	70	57	17	12	3	1	2	2	3	0	1426
(1)	.13	.85	3.36	10.42	7.12	3.79	2.53	1.57	1.28	.38	.27	.07	.02	.04	.04	.07	.00	31.94
(2)	.13	.85	3.36	10.42	7.12	3.79	2.53	1.57	1.28	.38	.27	.07	.02	.04	.04	.07	.00	31.94
1.1- 1.5	20	90	162	287	59	41	48	43	95	112	51	18	5	2	8	5	0	1046
(1)	.45	2.02	3.63	6.43	1.32	.92	1.08	.96	2.13	2.51	1.14	.40	.11	.04	.18	.11	.00	23.43
(2)	.45	2.02	3.63	6.43	1.32	.92	1.08	.96	2.13	2.51	1.14	.40	.11	.04	.18	.11	.00	23.43
1.6- 2.0	32	82	27	42	22	26	39	29	58	88	76	24	4	5	6	13	0	573
(1)	.72	1.84	.60	.94	.49	.58	.87	.65	1.30	1.97	1.70	.54	.09	.11	.13	.29	.00	12.84
(2)	.72	1.84	.60	.94	.49	.58	.87	.65	1.30	1.97	1.70	.54	.09	.11	.13	.29	.00	12.84
2.1- 3.0	58	71	23	13	5	14	41	23	63	136	206	54	15	10	30	44	0	806
(1)	1.30	1.59	.52	.29	.11	.31	.92	.52	1.41	3.05	4.61	1.21	.34	.22	.67	.99	.00	18.06
(2)	1.30	1.59	.52	.29	.11	.31	.92	.52	1.41	3.05	4.61	1.21	.34	.22	.67	.99	.00	18.06
3.1- 4.0	54	28	2	0	0	0	6	1	10	15	156	65	24	11	26	31	0	429
(1)	1.21	.63	.04	.00	.00	.00	.13	.02	.22	.34	3.49	1.46	.54	.25	.58	.69	.00	9.61
(2)	1.21	.63	.04	.00	.00	.00	.13	.02	.22	.34	3.49	1.46	.54	.25	.58	.69	.00	9.61
4.1- 5.0	15	5	0	0	0	0	0	0	1	2	51	51	7	1	4	7	0	144
(1)	.34	.11	.00	.00	.00	.00	.00	.00	.02	.04	1.14	1.14	.16	.02	.09	.16	.00	3.23
(2)	.34	.11	.00	.00	.00	.00	.00	.00	.02	.04	1.14	1.14	.16	.02	.09	.16	.00	3.23
5.1- 6.0	0	1	0	0	0	0	0	0	0	0	8	17	0	0	0	0	0	26
(1)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.18	.38	.00	.00	.00	.00	.00	.58
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.18	.38	.00	.00	.00	.00	.00	.58
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1

Table 2.3-41— {SSES 33' (10-m) 2001-2006 July JFD - continued}
(Page 2 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	185	315	365	809	411	252	247	167	284	370	560	233	56	31	76	103	0	4464
(1)	4.14	7.06	8.18	18.12	9.21	5.65	5.53	3.74	6.36	8.29	12.54	5.22	1.25	.69	1.70	2.31	.00	100.00
(2)	4.14	7.06	8.18	18.12	9.21	5.65	5.53	3.74	6.36	8.29	12.54	5.22	1.25	.69	1.70	2.31	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-42— {SSES 33' (10-m) 2001-2006 August JFD}

(Page 1 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 11.16**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	2	3	4	3	1	0	0	0	0	0	0	0	0	13
(1)	.00	.00	.00	.00	.40	.60	.80	.60	.20	.00	.00	.00	.00	.00	.00	.00	.00	2.61
(2)	.00	.00	.00	.00	.04	.07	.09	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.29
1.1- 1.5	0	2	9	13	7	6	4	4	9	4	5	2	1	1	0	0	0	67
(1)	.00	.40	1.81	2.61	1.41	1.20	.80	.80	1.81	.80	1.00	.40	.20	.20	.00	.00	.00	13.45
(2)	.00	.04	.20	.29	.16	.13	.09	.09	.20	.09	.11	.04	.02	.02	.00	.00	.00	1.50
1.6- 2.0	0	5	5	6	4	3	7	6	6	15	9	2	0	0	1	0	0	69
(1)	.00	1.00	1.00	1.20	.80	.60	1.41	1.20	1.20	3.01	1.81	.40	.00	.00	.20	.00	.00	13.86
(2)	.00	.11	.11	.13	.09	.07	.16	.13	.13	.34	.20	.04	.00	.00	.02	.00	.00	1.55
2.1- 3.0	9	11	17	1	0	1	2	5	15	24	48	7	0	4	1	4	0	149
(1)	1.81	2.21	3.41	.20	.00	.20	.40	1.00	3.01	4.82	9.64	1.41	.00	.80	.20	.80	.00	29.92
(2)	.20	.25	.38	.02	.00	.02	.04	.11	.34	.54	1.08	.16	.00	.09	.02	.09	.00	3.34
3.1- 4.0	13	14	0	0	0	1	0	1	3	20	60	16	7	6	3	6	0	150
(1)	2.61	2.81	.00	.00	.00	.20	.00	.20	.60	4.02	12.05	3.21	1.41	1.20	.60	1.20	.00	30.12
(2)	.29	.31	.00	.00	.00	.02	.00	.02	.07	.45	1.34	.36	.16	.13	.07	.13	.00	3.36
4.1- 5.0	0	3	0	0	0	1	1	0	0	0	13	23	3	0	0	0	0	44
(1)	.00	.60	.00	.00	.00	.20	.20	.00	.00	.00	2.61	4.62	.60	.00	.00	.00	.00	8.84
(2)	.00	.07	.00	.00	.00	.02	.02	.00	.00	.00	.29	.52	.07	.00	.00	.00	.00	.99
5.1- 6.0	2	1	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	6
(1)	.40	.20	.00	.00	.00	.00	.00	.00	.00	.00	.40	.20	.00	.00	.00	.00	.00	1.20
(2)	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.04	.02	.00	.00	.00	.00	.00	.13
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-42— {SSES 33' (10-m) 2001-2006 August JFD}

(Page 2 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 11.16**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	24	36	31	20	13	15	18	19	34	63	137	51	11	11	5	10	0	498
(1)	4.82	7.23	6.22	4.02	2.61	3.01	3.61	3.82	6.83	12.65	27.51	10.24	2.21	2.21	1.00	2.01	.00	100.00
(2)	.54	.81	.69	.45	.29	.34	.40	.43	.76	1.41	3.07	1.14	.25	.25	.11	.22	.00	11.16

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-42— {SSES 33' (10-m) 2001-2006 August JFD - continued}

(Page 1 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.85**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	1	3	4	0	0	0	0	0	0	0	0	0	0	0	8
(1)	.00	.00	.00	.58	1.74	2.33	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.65
(2)	.00	.00	.00	.02	.07	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18
1.1- 1.5	1	0	4	7	3	2	2	1	1	1	1	0	0	0	0	0	0	23
(1)	.58	.00	2.33	4.07	1.74	1.16	1.16	.58	.58	.58	.58	.00	.00	.00	.00	.00	.00	13.37
(2)	.02	.00	.09	.16	.07	.04	.04	.02	.02	.02	.02	.00	.00	.00	.00	.00	.00	.52
1.6- 2.0	0	2	2	4	2	2	1	1	1	6	2	0	0	0	0	2	0	25
(1)	.00	1.16	1.16	2.33	1.16	1.16	.58	.58	.58	3.49	1.16	.00	.00	.00	.00	1.16	.00	14.53
(2)	.00	.04	.04	.09	.04	.04	.02	.02	.02	.13	.04	.00	.00	.00	.00	.04	.00	.56
2.1- 3.0	3	11	5	1	1	0	1	1	1	4	16	1	0	0	2	1	0	48
(1)	1.74	6.40	2.91	.58	.58	.00	.58	.58	.58	2.33	9.30	.58	.00	.00	1.16	.58	.00	27.91
(2)	.07	.25	.11	.02	.02	.00	.02	.02	.02	.09	.36	.02	.00	.00	.04	.02	.00	1.08
3.1- 4.0	7	2	1	0	0	1	0	0	0	8	19	6	3	3	1	3	0	54
(1)	4.07	1.16	.58	.00	.00	.58	.00	.00	.00	4.65	11.05	3.49	1.74	1.74	.58	1.74	.00	31.40
(2)	.16	.04	.02	.00	.00	.02	.00	.00	.00	.18	.43	.13	.07	.07	.02	.07	.00	1.21
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	3	2	1	0	1	1	0	8
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.74	1.16	.58	.00	.58	.58	.00	4.65
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.04	.02	.00	.02	.02	.00	.18
5.1- 6.0	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	5
(1)	1.74	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.16	.00	.00	.00	.00	.00	2.91
(2)	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00	.11
6.1- 8.0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Table 2.3-42— {SSES 33' (10-m) 2001-2006 August JFD - continued}

(Page 2 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 3.85

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.58	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.58
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	15	15	12	13	9	9	4	3	3	19	41	11	4	3	4	7	0	172
(1)	8.72	8.72	6.98	7.56	5.23	5.23	2.33	1.74	1.74	11.05	23.84	6.40	2.33	1.74	2.33	4.07	.00	100.00
(2)	.34	.34	.27	.29	.20	.20	.09	.07	.07	.43	.92	.25	.09	.07	.09	.16	.00	3.85

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-42— {SSES 33' (10-m) 2001-2006 August JFD - continued}

(Page 1 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.89**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	2	0	2	1	6	1	4	2	0	0	0	0	0	0	0	18
(1)	.00	.00	.92	.00	.92	.46	2.75	.46	1.83	.92	.00	.00	.00	.00	.00	.00	.00	8.26
(2)	.00	.00	.04	.00	.04	.02	.13	.02	.09	.04	.00	.00	.00	.00	.00	.00	.00	.40
1.1- 1.5	3	1	4	6	6	1	1	2	3	3	2	0	1	0	0	0	0	33
(1)	1.38	.46	1.83	2.75	2.75	.46	.46	.92	1.38	1.38	.92	.00	.46	.00	.00	.00	.00	15.14
(2)	.07	.02	.09	.13	.13	.02	.02	.04	.07	.07	.04	.00	.02	.00	.00	.00	.00	.74
1.6- 2.0	2	5	2	2	1	1	1	2	3	2	5	0	1	0	2	0	0	29
(1)	.92	2.29	.92	.92	.46	.46	.46	.92	1.38	.92	2.29	.00	.46	.00	.92	.00	.00	13.30
(2)	.04	.11	.04	.04	.02	.02	.02	.04	.07	.04	.11	.00	.02	.00	.04	.00	.00	.65
2.1- 3.0	7	14	7	0	1	0	1	0	4	11	17	3	0	1	1	2	0	69
(1)	3.21	6.42	3.21	.00	.46	.00	.46	.00	1.83	5.05	7.80	1.38	.00	.46	.46	.92	.00	31.65
(2)	.16	.31	.16	.00	.02	.00	.02	.00	.09	.25	.38	.07	.00	.02	.02	.04	.00	1.55
3.1- 4.0	6	3	0	0	0	0	2	0	0	5	16	9	3	0	3	3	0	50
(1)	2.75	1.38	.00	.00	.00	.00	.92	.00	.00	2.29	7.34	4.13	1.38	.00	1.38	1.38	.00	22.94
(2)	.13	.07	.00	.00	.00	.00	.04	.00	.00	.11	.36	.20	.07	.00	.07	.07	.00	1.12
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	7	1	0	2	1	0	0	11
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.21	.46	.00	.92	.46	.00	.00	5.05
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16	.02	.00	.04	.02	.00	.00	.25
5.1- 6.0	2	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	5
(1)	.92	.00	.00	.00	.00	.00	.00	.00	.00	.00	.92	.46	.00	.00	.00	.00	.00	2.29
(2)	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.02	.00	.00	.00	.00	.00	.11
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3

Table 2.3-42— {SSES 33' (10-m) 2001-2006 August JFD - continued}

(Page 2 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.89**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.38	.00	.00	.00	.00	.00	1.38
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.07
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	20	23	15	8	10	3	11	5	14	23	49	17	5	3	7	5	0	218
(1)	9.17	10.55	6.88	3.67	4.59	1.38	5.05	2.29	6.42	10.55	22.48	7.80	2.29	1.38	3.21	2.29	.00	100.00
(2)	.45	.52	.34	.18	.22	.07	.25	.11	.31	.52	1.10	.38	.11	.07	.16	.11	.00	4.89

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-42— {SSES 33' (10-m) 2001-2006 August JFD - continued}

(Page 1 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 27.25**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	0	1	0	0	2	0	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.08	.00	.08	.00	.00	.16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.33
(2)	.00	.00	.02	.00	.02	.00	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
.5- 1.0	3	23	30	29	39	29	27	18	21	9	8	2	3	0	0	0	0	241
(1)	.25	1.89	2.47	2.38	3.21	2.38	2.22	1.48	1.73	.74	.66	.16	.25	.00	.00	.00	.00	19.82
(2)	.07	.52	.67	.65	.87	.65	.61	.40	.47	.20	.18	.04	.07	.00	.00	.00	.00	5.40
1.1- 1.5	16	27	35	19	10	12	20	13	28	28	21	10	2	2	2	4	0	249
(1)	1.32	2.22	2.88	1.56	.82	.99	1.64	1.07	2.30	2.30	1.73	.82	.16	.16	.16	.33	.00	20.48
(2)	.36	.61	.78	.43	.22	.27	.45	.29	.63	.63	.47	.22	.04	.04	.04	.09	.00	5.58
1.6- 2.0	13	33	23	9	10	8	12	12	19	28	23	14	3	6	3	3	0	219
(1)	1.07	2.71	1.89	.74	.82	.66	.99	.99	1.56	2.30	1.89	1.15	.25	.49	.25	.25	.00	18.01
(2)	.29	.74	.52	.20	.22	.18	.27	.27	.43	.63	.52	.31	.07	.13	.07	.07	.00	4.91
2.1- 3.0	39	41	19	1	5	18	8	17	22	40	82	14	6	7	10	15	0	344
(1)	3.21	3.37	1.56	.08	.41	1.48	.66	1.40	1.81	3.29	6.74	1.15	.49	.58	.82	1.23	.00	28.29
(2)	.87	.92	.43	.02	.11	.40	.18	.38	.49	.90	1.84	.31	.13	.16	.22	.34	.00	7.71
3.1- 4.0	29	11	0	0	1	3	1	0	7	5	40	7	3	4	8	16	0	135
(1)	2.38	.90	.00	.00	.08	.25	.08	.00	.58	.41	3.29	.58	.25	.33	.66	1.32	.00	11.10
(2)	.65	.25	.00	.00	.02	.07	.02	.00	.16	.11	.90	.16	.07	.09	.18	.36	.00	3.03
4.1- 5.0	4	0	0	0	0	0	0	0	0	0	4	3	3	1	2	7	0	24
(1)	.33	.00	.00	.00	.00	.00	.00	.00	.00	.00	.33	.25	.25	.08	.16	.58	.00	1.97
(2)	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.07	.07	.02	.04	.16	.00	.54
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-42— {SSES 33' (10-m) 2001-2006 August JFD - continued}

(Page 2 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 27.25**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	104	135	108	58	66	70	68	62	97	110	178	50	20	20	25	45	0	1216
(1)	8.55	11.10	8.88	4.77	5.43	5.76	5.59	5.10	7.98	9.05	14.64	4.11	1.64	1.64	2.06	3.70	.00	100.00
(2)	2.33	3.03	2.42	1.30	1.48	1.57	1.52	1.39	2.17	2.47	3.99	1.12	.45	.45	.56	1.01	.00	27.25

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-42— {SSES 33' (10-m) 2001-2006 August JFD - continued}

(Page 1 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 32.12**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	1	3	1	3	2	1	0	0	0	0	0	0	0	0	11
(1)	.00	.00	.00	.07	.21	.07	.21	.14	.07	.00	.00	.00	.00	.00	.00	.00	.00	.77
(2)	.00	.00	.00	.02	.07	.02	.07	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.25
.5- 1.0	9	22	79	178	147	74	64	47	42	17	2	0	2	0	2	2	0	687
(1)	.63	1.54	5.51	12.42	10.26	5.16	4.47	3.28	2.93	1.19	.14	.00	.14	.00	.14	.14	.00	47.94
(2)	.20	.49	1.77	3.99	3.29	1.66	1.43	1.05	.94	.38	.04	.00	.04	.00	.04	.04	.00	15.40
1.1- 1.5	16	48	101	80	17	10	12	27	58	39	12	3	5	3	0	3	0	434
(1)	1.12	3.35	7.05	5.58	1.19	.70	.84	1.88	4.05	2.72	.84	.21	.35	.21	.00	.21	.00	30.29
(2)	.36	1.08	2.26	1.79	.38	.22	.27	.61	1.30	.87	.27	.07	.11	.07	.00	.07	.00	9.73
1.6- 2.0	22	35	21	7	2	3	6	7	17	36	20	5	0	5	1	2	0	189
(1)	1.54	2.44	1.47	.49	.14	.21	.42	.49	1.19	2.51	1.40	.35	.00	.35	.07	.14	.00	13.19
(2)	.49	.78	.47	.16	.04	.07	.13	.16	.38	.81	.45	.11	.00	.11	.02	.04	.00	4.24
2.1- 3.0	12	14	3	0	1	0	0	3	4	17	20	2	0	1	0	7	0	84
(1)	.84	.98	.21	.00	.07	.00	.00	.21	.28	1.19	1.40	.14	.00	.07	.00	.49	.00	5.86
(2)	.27	.31	.07	.00	.02	.00	.00	.07	.09	.38	.45	.04	.00	.02	.00	.16	.00	1.88
3.1- 4.0	3	4	0	0	0	0	4	2	4	3	3	0	0	0	1	2	0	26
(1)	.21	.28	.00	.00	.00	.00	.28	.14	.28	.21	.21	.00	.00	.00	.07	.14	.00	1.81
(2)	.07	.09	.00	.00	.00	.00	.09	.04	.09	.07	.07	.00	.00	.00	.02	.04	.00	.58
4.1- 5.0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.07	.07	.00	.00	.00	.00	.00	.00	.00	.00	.14
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.04
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-42— {SSES 33' (10-m) 2001-2006 August JFD - continued}
(Page 2 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 32.12

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	62	123	204	266	170	88	89	89	127	112	57	10	7	9	4	16	0	1433
(1)	4.33	8.58	14.24	18.56	11.86	6.14	6.21	6.21	8.86	7.82	3.98	.70	.49	.63	.28	1.12	.00	100.00
(2)	1.39	2.76	4.57	5.96	3.81	1.97	1.99	1.99	2.85	2.51	1.28	.22	.16	.20	.09	.36	.00	32.12

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-42— {SSES 33' (10-m) 2001-2006 August JFD - continued}

(Page 1 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 15.37**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.15	.00	.29	.15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.58
(2)	.00	.00	.02	.00	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
.5- 1.0	0	5	43	204	108	28	25	6	12	1	2	1	0	0	0	0	0	435
(1)	.00	.73	6.27	29.74	15.74	4.08	3.64	.87	1.75	.15	.29	.15	.00	.00	.00	.00	.00	63.41
(2)	.00	.11	.96	4.57	2.42	.63	.56	.13	.27	.02	.04	.02	.00	.00	.00	.00	.00	9.75
1.1- 1.5	3	9	41	141	3	2	3	4	8	6	3	0	0	0	0	1	0	224
(1)	.44	1.31	5.98	20.55	.44	.29	.44	.58	1.17	.87	.44	.00	.00	.00	.00	.15	.00	32.65
(2)	.07	.20	.92	3.16	.07	.04	.07	.09	.18	.13	.07	.00	.00	.00	.00	.02	.00	5.02
1.6- 2.0	0	8	5	7	0	0	0	0	0	1	2	0	0	0	0	0	0	23
(1)	.00	1.17	.73	1.02	.00	.00	.00	.00	.00	.15	.29	.00	.00	.00	.00	.00	.00	3.35
(2)	.00	.18	.11	.16	.00	.00	.00	.00	.00	.02	.04	.00	.00	.00	.00	.00	.00	.52
2.1- 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-42— {SSES 33' (10-m) 2001-2006 August JFD - continued}

(Page 2 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 15.37**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	3	22	90	352	113	31	28	10	20	8	7	1	0	0	0	1	0	686
(1)	.44	3.21	13.12	51.31	16.47	4.52	4.08	1.46	2.92	1.17	1.02	.15	.00	.00	.00	.15	.00	100.00
(2)	.07	.49	2.02	7.89	2.53	.69	.63	.22	.45	.18	.16	.02	.00	.00	.00	.02	.00	15.37

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-42— {SSES 33' (10-m) 2001-2006 August JFD - continued}
(Page 1 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 5.36**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.42
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	0	1	14	84	23	7	1	0	1	0	0	0	0	0	0	0	0	131
(1)	.00	.42	5.86	35.15	9.62	2.93	.42	.00	.42	.00	.00	.00	.00	.00	.00	.00	.00	54.81
(2)	.00	.02	.31	1.88	.52	.16	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	2.94
1.1- 1.5	0	2	11	87	3	0	0	0	1	1	0	0	0	0	0	0	0	105
(1)	.00	.84	4.60	36.40	1.26	.00	.00	.00	.42	.42	.00	.00	.00	.00	.00	.00	.00	43.93
(2)	.00	.04	.25	1.95	.07	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	2.35
1.6- 2.0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.84	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.84
(2)	.00	.00	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
2.1- 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-42— {SSES 33' (10-m) 2001-2006 August JFD - continued}

(Page 2 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 5.36**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	3	25	174	26	7	1	0	2	1	0	0	0	0	0	0	0	239
(1)	.00	1.26	10.46	72.80	10.88	2.93	.42	.00	.84	.42	.00	.00	.00	.00	.00	.00	.00	100.00
(2)	.00	.07	.56	3.90	.58	.16	.02	.00	.04	.02	.00	.00	.00	.00	.00	.00	.00	5.36

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-42— {SSES 33' (10-m) 2001-2006 August JFD - continued}
(Page 1 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	2	2	6	2	3	4	1	0	0	0	0	0	0	0	0	20
(1)	.00	.00	.04	.04	.13	.04	.07	.09	.02	.00	.00	.00	.00	.00	.00	.00	.00	.45
(2)	.00	.00	.04	.04	.13	.04	.07	.09	.02	.00	.00	.00	.00	.00	.00	.00	.00	.45
.5- 1.0	12	51	168	496	324	146	127	75	81	29	12	3	5	0	2	2	0	1533
(1)	.27	1.14	3.77	11.12	7.26	3.27	2.85	1.68	1.82	.65	.27	.07	.11	.00	.04	.04	.00	34.36
(2)	.27	1.14	3.77	11.12	7.26	3.27	2.85	1.68	1.82	.65	.27	.07	.11	.00	.04	.04	.00	34.36
1.1- 1.5	39	89	205	353	49	33	42	51	108	82	44	15	9	6	2	8	0	1135
(1)	.87	1.99	4.59	7.91	1.10	.74	.94	1.14	2.42	1.84	.99	.34	.20	.13	.04	.18	.00	25.44
(2)	.87	1.99	4.59	7.91	1.10	.74	.94	1.14	2.42	1.84	.99	.34	.20	.13	.04	.18	.00	25.44
1.6- 2.0	37	88	58	37	19	17	27	28	46	88	61	21	4	11	7	7	0	556
(1)	.83	1.97	1.30	.83	.43	.38	.61	.63	1.03	1.97	1.37	.47	.09	.25	.16	.16	.00	12.46
(2)	.83	1.97	1.30	.83	.43	.38	.61	.63	1.03	1.97	1.37	.47	.09	.25	.16	.16	.00	12.46
2.1- 3.0	70	91	51	3	8	19	12	26	46	96	183	27	6	13	14	29	0	694
(1)	1.57	2.04	1.14	.07	.18	.43	.27	.58	1.03	2.15	4.10	.61	.13	.29	.31	.65	.00	15.55
(2)	1.57	2.04	1.14	.07	.18	.43	.27	.58	1.03	2.15	4.10	.61	.13	.29	.31	.65	.00	15.55
3.1- 4.0	58	34	1	0	1	5	7	3	14	41	138	38	16	13	16	30	0	415
(1)	1.30	.76	.02	.00	.02	.11	.16	.07	.31	.92	3.09	.85	.36	.29	.36	.67	.00	9.30
(2)	1.30	.76	.02	.00	.02	.11	.16	.07	.31	.92	3.09	.85	.36	.29	.36	.67	.00	9.30
4.1- 5.0	4	3	0	0	0	1	1	1	1	0	27	29	7	3	4	8	0	89
(1)	.09	.07	.00	.00	.00	.02	.02	.02	.02	.00	.61	.65	.16	.07	.09	.18	.00	1.99
(2)	.09	.07	.00	.00	.00	.02	.02	.02	.02	.00	.61	.65	.16	.07	.09	.18	.00	1.99
5.1- 6.0	7	1	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	16
(1)	.16	.02	.00	.00	.00	.00	.00	.00	.00	.00	.09	.09	.00	.00	.00	.00	.00	.36
(2)	.16	.02	.00	.00	.00	.00	.00	.00	.00	.00	.09	.09	.00	.00	.00	.00	.00	.36
6.1- 8.0	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	4

Table 2.3-42— {SSES 33' (10-m) 2001-2006 August JFD - continued}

(Page 2 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.09
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.09
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	228	357	485	891	407	223	219	188	297	336	469	140	47	46	45	84	0	4462
(1)	5.11	8.00	10.87	19.97	9.12	5.00	4.91	4.21	6.66	7.53	10.51	3.14	1.05	1.03	1.01	1.88	.00	100.00
(2)	5.11	8.00	10.87	19.97	9.12	5.00	4.91	4.21	6.66	7.53	10.51	3.14	1.05	1.03	1.01	1.88	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-43— {SSES 33' (10-m) 2001-2006 September JFD}

(Page 1 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 7.01

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	1	3	5	1	1	0	1	1	0	0	0	0	0	0	13
(1)	.00	.00	.00	.33	.99	1.65	.33	.33	.00	.33	.33	.00	.00	.00	.00	.00	.00	4.29
(2)	.00	.00	.00	.02	.07	.12	.02	.02	.00	.02	.02	.00	.00	.00	.00	.00	.00	.30
1.1- 1.5	0	4	4	4	7	9	5	4	3	4	5	3	1	0	0	1	0	54
(1)	.00	1.32	1.32	1.32	2.31	2.97	1.65	1.32	.99	1.32	1.65	.99	.33	.00	.00	.33	.00	17.82
(2)	.00	.09	.09	.09	.16	.21	.12	.09	.07	.09	.12	.07	.02	.00	.00	.02	.00	1.25
1.6- 2.0	2	3	7	3	4	2	2	4	6	4	7	2	0	0	0	0	0	46
(1)	.66	.99	2.31	.99	1.32	.66	.66	1.32	1.98	1.32	2.31	.66	.00	.00	.00	.00	.00	15.18
(2)	.05	.07	.16	.07	.09	.05	.05	.09	.14	.09	.16	.05	.00	.00	.00	.00	.00	1.06
2.1- 3.0	2	9	5	1	1	0	8	8	8	20	24	6	1	0	5	2	0	100
(1)	.66	2.97	1.65	.33	.33	.00	2.64	2.64	2.64	6.60	7.92	1.98	.33	.00	1.65	.66	.00	33.00
(2)	.05	.21	.12	.02	.02	.00	.19	.19	.19	.46	.56	.14	.02	.00	.12	.05	.00	2.31
3.1- 4.0	9	2	5	0	0	0	1	12	5	11	16	6	2	2	0	2	0	73
(1)	2.97	.66	1.65	.00	.00	.00	.33	3.96	1.65	3.63	5.28	1.98	.66	.66	.00	.66	.00	24.09
(2)	.21	.05	.12	.00	.00	.00	.02	.28	.12	.25	.37	.14	.05	.05	.00	.05	.00	1.69
4.1- 5.0	2	0	0	0	0	0	0	0	2	2	7	4	0	0	0	0	0	17
(1)	.66	.00	.00	.00	.00	.00	.00	.00	.66	.66	2.31	1.32	.00	.00	.00	.00	.00	5.61
(2)	.05	.00	.00	.00	.00	.00	.00	.00	.05	.05	.16	.09	.00	.00	.00	.00	.00	.39
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-43— {SSES 33' (10-m) 2001-2006 September JFD}

(Page 2 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 7.01**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	15	18	21	9	15	16	17	29	24	42	60	21	4	2	5	5	0	303
(1)	4.95	5.94	6.93	2.97	4.95	5.28	5.61	9.57	7.92	13.86	19.80	6.93	1.32	.66	1.65	1.65	.00	100.00
(2)	.35	.42	.49	.21	.35	.37	.39	.67	.56	.97	1.39	.49	.09	.05	.12	.12	.00	7.01

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-43— {SSES 33' (10-m) 2001-2006 September JFD - continued}

(Page 1 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.73**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	2	1	1	0	1	1	0	0	0	0	0	0	0	6
(1)	.00	.00	.00	.00	1.24	.62	.62	.00	.62	.62	.00	.00	.00	.00	.00	.00	.00	3.73
(2)	.00	.00	.00	.00	.05	.02	.02	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.14
1.1- 1.5	1	0	4	5	3	3	1	1	3	4	7	0	0	0	0	0	0	32
(1)	.62	.00	2.48	3.11	1.86	1.86	.62	.62	1.86	2.48	4.35	.00	.00	.00	.00	.00	.00	19.88
(2)	.02	.00	.09	.12	.07	.07	.02	.02	.07	.09	.16	.00	.00	.00	.00	.00	.00	.74
1.6- 2.0	2	3	2	1	0	0	1	2	2	3	7	2	0	0	0	0	0	25
(1)	1.24	1.86	1.24	.62	.00	.00	.62	1.24	1.24	1.86	4.35	1.24	.00	.00	.00	.00	.00	15.53
(2)	.05	.07	.05	.02	.00	.00	.02	.05	.05	.07	.16	.05	.00	.00	.00	.00	.00	.58
2.1- 3.0	1	5	4	0	0	0	2	0	3	5	15	1	1	1	4	2	0	44
(1)	.62	3.11	2.48	.00	.00	.00	1.24	.00	1.86	3.11	9.32	.62	.62	.62	2.48	1.24	.00	27.33
(2)	.02	.12	.09	.00	.00	.00	.05	.00	.07	.12	.35	.02	.02	.02	.09	.05	.00	1.02
3.1- 4.0	3	7	1	0	0	0	3	1	1	0	8	3	4	2	3	6	0	42
(1)	1.86	4.35	.62	.00	.00	.00	1.86	.62	.62	.00	4.97	1.86	2.48	1.24	1.86	3.73	.00	26.09
(2)	.07	.16	.02	.00	.00	.00	.07	.02	.02	.00	.19	.07	.09	.05	.07	.14	.00	.97
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	2	2	1	3	0	2	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.24	1.24	.62	1.86	.00	1.24	.00	6.21
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.05	.02	.07	.00	.05	.00	.23
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1

Table 2.3-43— {SSES 33' (10-m) 2001-2006 September JFD - continued}
(Page 2 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.73**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.62	.00	.62
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.62	.00	.62
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	7	15	11	6	5	4	8	4	10	13	39	8	6	6	7	12	0	161
(1)	4.35	9.32	6.83	3.73	3.11	2.48	4.97	2.48	6.21	8.07	24.22	4.97	3.73	3.73	4.35	7.45	.00	100.00
(2)	.16	.35	.25	.14	.12	.09	.19	.09	.23	.30	.90	.19	.14	.14	.16	.28	.00	3.73

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-43— {SSES 33' (10-m) 2001-2006 September JFD - continued}

(Page 1 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA | **STABILITY CLASS C** | **CLASS FREQUENCY (PERCENT) = 5.09**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	1	1	2	1	1	0	1	0	0	0	0	0	0	0	0	7
(1)	.00	.00	.45	.45	.91	.45	.45	.00	.45	.00	.00	.00	.00	.00	.00	.00	.00	3.18
(2)	.00	.00	.02	.02	.05	.02	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.16
1.1- 1.5	0	1	3	5	3	4	3	3	2	4	4	1	3	1	0	1	0	38
(1)	.00	.45	1.36	2.27	1.36	1.82	1.36	1.36	.91	1.82	1.82	.45	1.36	.45	.00	.45	.00	17.27
(2)	.00	.02	.07	.12	.07	.09	.07	.07	.05	.09	.09	.02	.07	.02	.00	.02	.00	.88
1.6- 2.0	0	7	2	3	0	2	1	3	2	3	10	3	2	0	0	0	0	38
(1)	.00	3.18	.91	1.36	.00	.91	.45	1.36	.91	1.36	4.55	1.36	.91	.00	.00	.00	.00	17.27
(2)	.00	.16	.05	.07	.00	.05	.02	.07	.05	.07	.23	.07	.05	.00	.00	.00	.00	.88
2.1- 3.0	1	13	6	0	0	1	2	3	7	5	18	6	1	3	1	2	0	69
(1)	.45	5.91	2.73	.00	.00	.45	.91	1.36	3.18	2.27	8.18	2.73	.45	1.36	.45	.91	.00	31.36
(2)	.02	.30	.14	.00	.00	.02	.05	.07	.16	.12	.42	.14	.02	.07	.02	.05	.00	1.60
3.1- 4.0	14	9	1	0	1	0	2	0	1	1	7	3	2	5	4	4	0	54
(1)	6.36	4.09	.45	.00	.45	.00	.91	.00	.45	.45	3.18	1.36	.91	2.27	1.82	1.82	.00	24.55
(2)	.32	.21	.02	.00	.02	.00	.05	.00	.02	.02	.16	.07	.05	.12	.09	.09	.00	1.25
4.1- 5.0	3	1	0	0	0	0	0	0	0	0	0	2	0	0	1	3	0	10
(1)	1.36	.45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.91	.00	.00	.45	1.36	.00	4.55
(2)	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.02	.07	.00	.23
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.91	.00	.00	.00	.00	.00	.91
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2

Table 2.3-43— {SSES 33' (10-m) 2001-2006 September JFD - continued}
(Page 2 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 5.09**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.91	.00	.91
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.05
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	18	31	13	9	6	8	9	9	13	13	39	17	8	9	6	12	0	220
(1)	8.18	14.09	5.91	4.09	2.73	3.64	4.09	4.09	5.91	5.91	17.73	7.73	3.64	4.09	2.73	5.45	.00	100.00
(2)	.42	.72	.30	.21	.14	.19	.21	.21	.30	.30	.90	.39	.19	.21	.14	.28	.00	5.09

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-43— {SSES 33' (10-m) 2001-2006 September JFD - continued}
(Page 1 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA | STABILITY CLASS D | CLASS FREQUENCY (PERCENT) = 29.05

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.08	.16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24
(2)	.00	.00	.00	.00	.02	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	2	6	24	34	27	37	30	15	12	6	5	2	0	0	5	1	0	206
(1)	.16	.48	1.91	2.71	2.15	2.95	2.39	1.20	.96	.48	.40	.16	.00	.00	.40	.08	.00	16.41
(2)	.05	.14	.56	.79	.63	.86	.69	.35	.28	.14	.12	.05	.00	.00	.12	.02	.00	4.77
1.1- 1.5	10	30	36	25	17	10	9	10	23	19	19	9	4	3	5	2	0	231
(1)	.80	2.39	2.87	1.99	1.35	.80	.72	.80	1.83	1.51	1.51	.72	.32	.24	.40	.16	.00	18.41
(2)	.23	.69	.83	.58	.39	.23	.21	.23	.53	.44	.44	.21	.09	.07	.12	.05	.00	5.35
1.6- 2.0	14	42	25	11	7	7	15	14	27	30	22	11	4	1	3	5	0	238
(1)	1.12	3.35	1.99	.88	.56	.56	1.20	1.12	2.15	2.39	1.75	.88	.32	.08	.24	.40	.00	18.96
(2)	.32	.97	.58	.25	.16	.16	.35	.32	.63	.69	.51	.25	.09	.02	.07	.12	.00	5.51
2.1- 3.0	32	63	16	8	3	21	20	16	29	26	46	20	10	8	14	24	0	356
(1)	2.55	5.02	1.27	.64	.24	1.67	1.59	1.27	2.31	2.07	3.67	1.59	.80	.64	1.12	1.91	.00	28.37
(2)	.74	1.46	.37	.19	.07	.49	.46	.37	.67	.60	1.06	.46	.23	.19	.32	.56	.00	8.24
3.1- 4.0	24	26	2	6	0	1	2	3	8	8	23	9	4	5	15	15	0	151
(1)	1.91	2.07	.16	.48	.00	.08	.16	.24	.64	.64	1.83	.72	.32	.40	1.20	1.20	.00	12.03
(2)	.56	.60	.05	.14	.00	.02	.05	.07	.19	.19	.53	.21	.09	.12	.35	.35	.00	3.50
4.1- 5.0	3	2	0	1	0	0	0	0	5	2	10	11	4	2	3	4	0	47
(1)	.24	.16	.00	.08	.00	.00	.00	.00	.40	.16	.80	.88	.32	.16	.24	.32	.00	3.75
(2)	.07	.05	.00	.02	.00	.00	.00	.00	.12	.05	.23	.25	.09	.05	.07	.09	.00	1.09
5.1- 6.0	0	0	1	1	0	0	0	0	0	0	2	1	1	1	3	4	0	14
(1)	.00	.00	.08	.08	.00	.00	.00	.00	.00	.00	.16	.08	.08	.08	.24	.32	.00	1.12
(2)	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.05	.02	.02	.02	.07	.09	.00	.32
6.1- 8.0	0	0	0	2	0	0	1	0	2	0	0	0	1	0	2	1	0	9

Table 2.3-43— {SSES 33' (10-m) 2001-2006 September JFD - continued}

(Page 2 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 29.05**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.16	.00	.00	.08	.00	.16	.00	.00	.00	.08	.00	.16	.08	.00	.72
(2)	.00	.00	.00	.05	.00	.00	.02	.00	.05	.00	.00	.00	.02	.00	.05	.02	.00	.21
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	85	169	104	88	55	78	77	58	106	91	127	63	28	20	50	56	0	1255
(1)	6.77	13.47	8.29	7.01	4.38	6.22	6.14	4.62	8.45	7.25	10.12	5.02	2.23	1.59	3.98	4.46	.00	100.00
(2)	1.97	3.91	2.41	2.04	1.27	1.81	1.78	1.34	2.45	2.11	2.94	1.46	.65	.46	1.16	1.30	.00	29.05

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-43— {SSES 33' (10-m) 2001-2006 September JFD - continued}

(Page 1 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 31.48

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	3	2	3	6	1	0	0	0	0	0	0	0	0	0	15
(1)	.00	.00	.00	.22	.15	.22	.44	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.10
(2)	.00	.00	.00	.07	.05	.07	.14	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.35
.5- 1.0	7	17	66	120	104	52	41	32	28	16	6	1	1	0	0	0	0	491
(1)	.51	1.25	4.85	8.82	7.65	3.82	3.01	2.35	2.06	1.18	.44	.07	.07	.00	.00	.00	.00	36.10
(2)	.16	.39	1.53	2.78	2.41	1.20	.95	.74	.65	.37	.14	.02	.02	.00	.00	.00	.00	11.37
1.1- 1.5	9	53	69	60	18	8	6	32	39	27	15	2	2	1	3	2	0	346
(1)	.66	3.90	5.07	4.41	1.32	.59	.44	2.35	2.87	1.99	1.10	.15	.15	.07	.22	.15	.00	25.44
(2)	.21	1.23	1.60	1.39	.42	.19	.14	.74	.90	.63	.35	.05	.05	.02	.07	.05	.00	8.01
1.6- 2.0	16	40	29	8	4	8	5	20	23	36	12	11	3	0	6	6	0	227
(1)	1.18	2.94	2.13	.59	.29	.59	.37	1.47	1.69	2.65	.88	.81	.22	.00	.44	.44	.00	16.69
(2)	.37	.93	.67	.19	.09	.19	.12	.46	.53	.83	.28	.25	.07	.00	.14	.14	.00	5.25
2.1- 3.0	16	39	20	6	1	5	6	9	14	16	16	4	7	3	4	11	0	177
(1)	1.18	2.87	1.47	.44	.07	.37	.44	.66	1.03	1.18	1.18	.29	.51	.22	.29	.81	.00	13.01
(2)	.37	.90	.46	.14	.02	.12	.14	.21	.32	.37	.37	.09	.16	.07	.09	.25	.00	4.10
3.1- 4.0	2	14	1	4	3	2	2	5	6	4	2	3	0	0	1	3	0	52
(1)	.15	1.03	.07	.29	.22	.15	.15	.37	.44	.29	.15	.22	.00	.00	.07	.22	.00	3.82
(2)	.05	.32	.02	.09	.07	.05	.05	.12	.14	.09	.05	.07	.00	.00	.02	.07	.00	1.20
4.1- 5.0	0	8	4	2	0	0	3	3	5	1	1	1	0	0	0	1	0	29
(1)	.00	.59	.29	.15	.00	.00	.22	.22	.37	.07	.07	.07	.00	.00	.00	.07	.00	2.13
(2)	.00	.19	.09	.05	.00	.00	.07	.07	.12	.02	.02	.02	.00	.00	.00	.02	.00	.67
5.1- 6.0	0	1	5	3	0	0	1	0	0	0	0	0	0	0	0	0	0	10
(1)	.00	.07	.37	.22	.00	.00	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.74
(2)	.00	.02	.12	.07	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.23
6.1- 8.0	0	3	0	2	0	2	4	0	0	0	1	0	0	0	0	0	0	12

Table 2.3-43— {SSES 33' (10-m) 2001-2006 September JFD - continued}
(Page 2 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 31.48**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.22	.00	.15	.00	.15	.29	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00	.88
(2)	.00	.07	.00	.05	.00	.05	.09	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.28
8.1-10.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	50	176	194	208	132	80	74	102	115	100	53	22	13	4	14	23	0	1360
(1)	3.68	12.94	14.26	15.29	9.71	5.88	5.44	7.50	8.46	7.35	3.90	1.62	.96	.29	1.03	1.69	.00	100.00
(2)	1.16	4.07	4.49	4.81	3.06	1.85	1.71	2.36	2.66	2.31	1.23	.51	.30	.09	.32	.53	.00	31.48

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-43— {SSES 33' (10-m) 2001-2006 September JFD - continued}

(Page 1 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 16.25**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	3	0	1	1	0	0	0	0	0	0	0	0	0	0	5
(1)	.00	.00	.00	.43	.00	.14	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.71
(2)	.00	.00	.00	.07	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12
.5- 1.0	2	5	38	191	75	30	13	18	10	3	0	0	0	0	0	0	0	385
(1)	.28	.71	5.41	27.21	10.68	4.27	1.85	2.56	1.42	.43	.00	.00	.00	.00	.00	.00	.00	54.84
(2)	.05	.12	.88	4.42	1.74	.69	.30	.42	.23	.07	.00	.00	.00	.00	.00	.00	.00	8.91
1.1- 1.5	3	10	46	159	22	1	1	7	11	5	1	1	0	0	1	0	0	268
(1)	.43	1.42	6.55	22.65	3.13	.14	.14	1.00	1.57	.71	.14	.14	.00	.00	.14	.00	.00	38.18
(2)	.07	.23	1.06	3.68	.51	.02	.02	.16	.25	.12	.02	.02	.00	.00	.02	.00	.00	6.20
1.6- 2.0	1	9	3	22	0	0	0	1	2	2	1	0	0	0	0	1	0	42
(1)	.14	1.28	.43	3.13	.00	.00	.00	.14	.28	.28	.14	.00	.00	.00	.00	.14	.00	5.98
(2)	.02	.21	.07	.51	.00	.00	.00	.02	.05	.05	.02	.00	.00	.00	.00	.02	.00	.97
2.1- 3.0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.28
(2)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-43— {SSES 33' (10-m) 2001-2006 September JFD - continued}

(Page 2 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 16.25**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	6	26	87	375	97	32	15	26	23	10	2	1	0	0	1	1	0	702
(1)	.85	3.70	12.39	53.42	13.82	4.56	2.14	3.70	3.28	1.42	.28	.14	.00	.00	.14	.14	.00	100.00
(2)	.14	.60	2.01	8.68	2.25	.74	.35	.60	.53	.23	.05	.02	.00	.00	.02	.02	.00	16.25

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-43— {SSES 33' (10-m) 2001-2006 September JFD - continued}

(Page 1 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.38**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	2	3	22	105	40	10	3	2	2	0	0	0	0	0	0	0	0	189
(1)	.63	.94	6.90	32.92	12.54	3.13	.94	.63	.63	.00	.00	.00	.00	.00	.00	.00	.00	59.25
(2)	.05	.07	.51	2.43	.93	.23	.07	.05	.05	.00	.00	.00	.00	.00	.00	.00	.00	4.38
1.1- 1.5	0	0	21	103	1	0	0	0	1	0	0	0	0	0	0	0	0	126
(1)	.00	.00	6.58	32.29	.31	.00	.00	.00	.31	.00	.00	.00	.00	.00	.00	.00	.00	39.50
(2)	.00	.00	.49	2.38	.02	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	2.92
1.6- 2.0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	1.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.25
(2)	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
2.1- 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-43— {SSES 33' (10-m) 2001-2006 September JFD - continued}

(Page 2 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.38**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	2	3	43	212	41	10	3	2	3	0	0	0	0	0	0	0	0	319
(1)	.63	.94	13.48	66.46	12.85	3.13	.94	.63	.94	.00	.00	.00	.00	.00	.00	.00	.00	100.00
(2)	.05	.07	1.00	4.91	.95	.23	.07	.05	.07	.00	.00	.00	.00	.00	.00	.00	.00	7.38

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-43— {SSES 33' (10-m) 2001-2006 September JFD - continued}

(Page 1 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	6	3	6	7	1	0	0	0	0	0	0	0	0	0	23
(1)	.00	.00	.00	.14	.07	.14	.16	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.53
(2)	.00	.00	.00	.14	.07	.14	.16	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.53
.5- 1.0	13	31	151	452	253	136	90	68	54	27	12	3	1	0	5	1	0	1297
(1)	.30	.72	3.50	10.46	5.86	3.15	2.08	1.57	1.25	.63	.28	.07	.02	.00	.12	.02	.00	30.02
(2)	.30	.72	3.50	10.46	5.86	3.15	2.08	1.57	1.25	.63	.28	.07	.02	.00	.12	.02	.00	30.02
1.1- 1.5	23	98	183	361	71	35	25	57	82	63	51	16	10	5	9	6	0	1095
(1)	.53	2.27	4.24	8.36	1.64	.81	.58	1.32	1.90	1.46	1.18	.37	.23	.12	.21	.14	.00	25.35
(2)	.53	2.27	4.24	8.36	1.64	.81	.58	1.32	1.90	1.46	1.18	.37	.23	.12	.21	.14	.00	25.35
1.6- 2.0	35	104	68	52	15	19	24	44	62	78	59	29	9	1	9	12	0	620
(1)	.81	2.41	1.57	1.20	.35	.44	.56	1.02	1.44	1.81	1.37	.67	.21	.02	.21	.28	.00	14.35
(2)	.81	2.41	1.57	1.20	.35	.44	.56	1.02	1.44	1.81	1.37	.67	.21	.02	.21	.28	.00	14.35
2.1- 3.0	52	131	51	15	5	27	38	36	61	72	119	37	20	15	28	41	0	748
(1)	1.20	3.03	1.18	.35	.12	.63	.88	.83	1.41	1.67	2.75	.86	.46	.35	.65	.95	.00	17.31
(2)	1.20	3.03	1.18	.35	.12	.63	.88	.83	1.41	1.67	2.75	.86	.46	.35	.65	.95	.00	17.31
3.1- 4.0	52	58	10	10	4	3	10	21	21	24	56	24	12	14	23	30	0	372
(1)	1.20	1.34	.23	.23	.09	.07	.23	.49	.49	.56	1.30	.56	.28	.32	.53	.69	.00	8.61
(2)	1.20	1.34	.23	.23	.09	.07	.23	.49	.49	.56	1.30	.56	.28	.32	.53	.69	.00	8.61
4.1- 5.0	8	11	4	3	0	0	3	3	12	5	20	20	5	5	4	10	0	113
(1)	.19	.25	.09	.07	.00	.00	.07	.07	.28	.12	.46	.46	.12	.12	.09	.23	.00	2.62
(2)	.19	.25	.09	.07	.00	.00	.07	.07	.28	.12	.46	.46	.12	.12	.09	.23	.00	2.62
5.1- 6.0	0	1	6	4	0	0	1	0	0	0	2	3	1	1	3	4	0	26
(1)	.00	.02	.14	.09	.00	.00	.02	.00	.00	.00	.05	.07	.02	.02	.07	.09	.00	.60
(2)	.00	.02	.14	.09	.00	.00	.02	.00	.00	.00	.05	.07	.02	.02	.07	.09	.00	.60
6.1- 8.0	0	3	0	4	0	2	5	0	2	0	1	0	1	0	2	4	0	24

Table 2.3-43— {SSES 33' (10-m) 2001-2006 September JFD - continued}

(Page 2 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.07	.00	.09	.00	.05	.12	.00	.05	.00	.02	.00	.02	.00	.05	.09	.00	.56
(2)	.00	.07	.00	.09	.00	.05	.12	.00	.05	.00	.02	.00	.02	.00	.05	.09	.00	.56
8.1-10.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
(1)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.05
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.05
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	183	438	473	907	351	228	203	230	294	269	320	132	59	41	83	109	0	4320
(1)	4.24	10.14	10.95	21.00	8.12	5.28	4.70	5.32	6.81	6.23	7.41	3.06	1.37	.95	1.92	2.52	.00	100.00
(2)	4.24	10.14	10.95	21.00	8.12	5.28	4.70	5.32	6.81	6.23	7.41	3.06	1.37	.95	1.92	2.52	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-44— {SSES 33' (10-m) 2001-2006 October JFD}

(Page 1 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 2.55**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	1	0	1	0	1	1	1	0	0	0	0	0	0	0	0	5
(1)	.00	.00	.89	.00	.89	.00	.89	.89	.89	.00	.00	.00	.00	.00	.00	.00	.00	4.46
(2)	.00	.00	.02	.00	.02	.00	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.11
1.1- 1.5	0	1	0	0	0	3	3	1	2	0	1	4	0	0	1	1	0	17
(1)	.00	.89	.00	.00	.00	2.68	2.68	.89	1.79	.00	.89	3.57	.00	.00	.89	.89	.00	15.18
(2)	.00	.02	.00	.00	.00	.07	.07	.02	.05	.00	.02	.09	.00	.00	.02	.02	.00	.39
1.6- 2.0	0	0	1	1	0	0	1	3	1	6	3	3	0	0	0	0	0	19
(1)	.00	.00	.89	.89	.00	.00	.89	2.68	.89	5.36	2.68	2.68	.00	.00	.00	.00	.00	16.96
(2)	.00	.00	.02	.02	.00	.00	.02	.07	.02	.14	.07	.07	.00	.00	.00	.00	.00	.43
2.1- 3.0	0	1	4	0	0	0	0	3	7	4	17	2	0	0	0	0	0	38
(1)	.00	.89	3.57	.00	.00	.00	.00	2.68	6.25	3.57	15.18	1.79	.00	.00	.00	.00	.00	33.93
(2)	.00	.02	.09	.00	.00	.00	.00	.07	.16	.09	.39	.05	.00	.00	.00	.00	.00	.87
3.1- 4.0	0	3	1	0	0	0	2	1	1	0	11	3	0	0	0	0	0	22
(1)	.00	2.68	.89	.00	.00	.00	1.79	.89	.89	.00	9.82	2.68	.00	.00	.00	.00	.00	19.64
(2)	.00	.07	.02	.00	.00	.00	.05	.02	.02	.00	.25	.07	.00	.00	.00	.00	.00	.50
4.1- 5.0	0	0	0	0	0	0	0	0	0	1	7	2	0	0	0	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.89	6.25	1.79	.00	.00	.00	.00	.00	8.93
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.16	.05	.00	.00	.00	.00	.00	.23
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.89	.00	.00	.00	.00	.00	.00	.89
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-44— {SSES 33' (10-m) 2001-2006 October JFD}

(Page 2 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 2.55**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	5	7	1	1	3	7	9	12	11	40	14	0	0	1	1	0	112
(1)	.00	4.46	6.25	.89	.89	2.68	6.25	8.04	10.71	9.82	35.71	12.50	.00	.00	.89	.89	.00	100.00
(2)	.00	.11	.16	.02	.02	.07	.16	.21	.27	.25	.91	.32	.00	.00	.02	.02	.00	2.55

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-44— {SSES 33' (10-m) 2001-2006 October JFD - continued}

(Page 1 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 2.39**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	2	0	2	0	1	0	0	0	0	0	0	1	0	0	0	6
(1)	.00	.00	1.90	.00	1.90	.00	.95	.00	.00	.00	.00	.00	.00	.95	.00	.00	.00	5.71
(2)	.00	.00	.05	.00	.05	.00	.02	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.14
1.1- 1.5	2	0	0	2	1	0	1	0	1	2	0	0	0	0	0	0	0	9
(1)	1.90	.00	.00	1.90	.95	.00	.95	.00	.95	1.90	.00	.00	.00	.00	.00	.00	.00	8.57
(2)	.05	.00	.00	.05	.02	.00	.02	.00	.02	.05	.00	.00	.00	.00	.00	.00	.00	.21
1.6- 2.0	1	0	0	1	0	0	0	1	1	2	2	1	0	0	0	0	0	9
(1)	.95	.00	.00	.95	.00	.00	.00	.95	.95	1.90	1.90	.95	.00	.00	.00	.00	.00	8.57
(2)	.02	.00	.00	.02	.00	.00	.00	.02	.02	.05	.05	.02	.00	.00	.00	.00	.00	.21
2.1- 3.0	0	3	1	1	0	0	4	0	2	1	13	2	0	0	0	1	0	28
(1)	.00	2.86	.95	.95	.00	.00	3.81	.00	1.90	.95	12.38	1.90	.00	.00	.00	.95	.00	26.67
(2)	.00	.07	.02	.02	.00	.00	.09	.00	.05	.02	.30	.05	.00	.00	.00	.02	.00	.64
3.1- 4.0	1	3	2	0	0	0	2	1	0	1	9	6	2	0	0	0	0	27
(1)	.95	2.86	1.90	.00	.00	.00	1.90	.95	.00	.95	8.57	5.71	1.90	.00	.00	.00	.00	25.71
(2)	.02	.07	.05	.00	.00	.00	.05	.02	.00	.02	.21	.14	.05	.00	.00	.00	.00	.62
4.1- 5.0	0	0	0	0	0	0	0	0	2	0	7	6	2	0	0	0	0	17
(1)	.00	.00	.00	.00	.00	.00	.00	.00	1.90	.00	6.67	5.71	1.90	.00	.00	.00	.00	16.19
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.16	.14	.05	.00	.00	.00	.00	.39
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.90	2.86	.00	.00	.00	.00	.00	4.76
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.07	.00	.00	.00	.00	.00	.11
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4

Table 2.3-44— {SSES 33' (10-m) 2001-2006 October JFD - continued}

(Page 2 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 2.39**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.86	.95	.00	.00	.00	.00	.00	3.81
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.02	.00	.00	.00	.00	.00	.09
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	4	6	5	4	3	0	8	2	6	6	36	19	4	1	0	1	0	105
(1)	3.81	5.71	4.76	3.81	2.86	.00	7.62	1.90	5.71	5.71	34.29	18.10	3.81	.95	.00	.95	.00	100.00
(2)	.09	.14	.11	.09	.07	.00	.18	.05	.14	.14	.82	.43	.09	.02	.00	.02	.00	2.39

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-44— {SSES 33' (10-m) 2001-2006 October JFD - continued}

(Page 1 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 3.69

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	1.23	.00	.00	.62	.00	.00	.00	.00	.00	.00	.00	.00	1.85
(2)	.00	.00	.00	.00	.00	.05	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.07
1.1- 1.5	1	0	1	1	0	0	0	0	0	2	3	0	0	0	0	0	0	8
(1)	.62	.00	.62	.62	.00	.00	.00	.00	.00	1.23	1.85	.00	.00	.00	.00	.00	.00	4.94
(2)	.02	.00	.02	.02	.00	.00	.00	.00	.00	.05	.07	.00	.00	.00	.00	.00	.00	.18
1.6- 2.0	0	2	0	3	0	2	1	2	1	1	3	3	1	1	0	0	0	20
(1)	.00	1.23	.00	1.85	.00	1.23	.62	1.23	.62	.62	1.85	1.85	.62	.62	.00	.00	.00	12.35
(2)	.00	.05	.00	.07	.00	.05	.02	.05	.02	.02	.07	.07	.02	.02	.00	.00	.00	.46
2.1- 3.0	2	5	5	1	0	0	2	2	3	3	19	5	1	0	0	0	0	48
(1)	1.23	3.09	3.09	.62	.00	.00	1.23	1.23	1.85	1.85	11.73	3.09	.62	.00	.00	.00	.00	29.63
(2)	.05	.11	.11	.02	.00	.00	.05	.05	.07	.07	.43	.11	.02	.00	.00	.00	.00	1.09
3.1- 4.0	5	6	0	0	0	0	2	1	6	1	17	5	4	1	1	2	0	51
(1)	3.09	3.70	.00	.00	.00	.00	1.23	.62	3.70	.62	10.49	3.09	2.47	.62	.62	1.23	.00	31.48
(2)	.11	.14	.00	.00	.00	.00	.05	.02	.14	.02	.39	.11	.09	.02	.02	.05	.00	1.16
4.1- 5.0	2	1	0	0	0	0	0	0	1	1	4	7	7	0	0	0	0	23
(1)	1.23	.62	.00	.00	.00	.00	.00	.00	.62	.62	2.47	4.32	4.32	.00	.00	.00	.00	14.20
(2)	.05	.02	.00	.00	.00	.00	.00	.00	.02	.02	.09	.16	.16	.00	.00	.00	.00	.52
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.62	.62	.62	.00	.00	.00	.00	1.85
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.00	.00	.00	.00	.07
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	5

Table 2.3-44— {SSES 33' (10-m) 2001-2006 October JFD - continued}

(Page 2 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 3.69**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.62	2.47	.00	.00	.00	.00	.00	3.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.09	.00	.00	.00	.00	.00	.11
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.62	.00	.00	.00	.00	.00	.62
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	10	14	6	5	0	4	5	5	12	8	48	26	14	2	1	2	0	162
(1)	6.17	8.64	3.70	3.09	.00	2.47	3.09	3.09	7.41	4.94	29.63	16.05	8.64	1.23	.62	1.23	.00	100.00
(2)	.23	.32	.14	.11	.00	.09	.11	.11	.27	.18	1.09	.59	.32	.05	.02	.05	.00	3.69

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-44— {SSES 33' (10-m) 2001-2006 October JFD - continued}
(Page 1 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — **STABILITY CLASS D** — **CLASS FREQUENCY (PERCENT) = 37.57**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	0	0	0	2	2	0	1	1	0	0	0	0	0	0	0	0	0	6
(1)	.00	.00	.00	.12	.12	.00	.06	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.36
(2)	.00	.00	.00	.05	.05	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
.5- 1.0	6	13	21	23	32	33	19	23	12	11	2	3	0	0	1	2	0	201
(1)	.36	.79	1.27	1.39	1.94	2.00	1.15	1.39	.73	.67	.12	.18	.00	.00	.06	.12	.00	12.19
(2)	.14	.30	.48	.52	.73	.75	.43	.52	.27	.25	.05	.07	.00	.00	.02	.05	.00	4.58
1.1- 1.5	7	39	22	14	16	10	12	15	14	21	24	10	1	1	2	2	0	210
(1)	.42	2.37	1.33	.85	.97	.61	.73	.91	.85	1.27	1.46	.61	.06	.06	.12	.12	.00	12.73
(2)	.16	.89	.50	.32	.36	.23	.27	.34	.32	.48	.55	.23	.02	.02	.05	.05	.00	4.78
1.6- 2.0	16	29	28	9	11	6	21	14	11	18	26	13	7	10	3	4	0	226
(1)	.97	1.76	1.70	.55	.67	.36	1.27	.85	.67	1.09	1.58	.79	.42	.61	.18	.24	.00	13.71
(2)	.36	.66	.64	.21	.25	.14	.48	.32	.25	.41	.59	.30	.16	.23	.07	.09	.00	5.15
2.1- 3.0	46	71	39	10	3	15	21	14	22	27	53	28	24	16	17	24	0	430
(1)	2.79	4.31	2.37	.61	.18	.91	1.27	.85	1.33	1.64	3.21	1.70	1.46	.97	1.03	1.46	.00	26.08
(2)	1.05	1.62	.89	.23	.07	.34	.48	.32	.50	.62	1.21	.64	.55	.36	.39	.55	.00	9.80
3.1- 4.0	34	26	2	1	0	1	11	3	6	12	31	31	21	18	36	29	0	262
(1)	2.06	1.58	.12	.06	.00	.06	.67	.18	.36	.73	1.88	1.88	1.27	1.09	2.18	1.76	.00	15.89
(2)	.77	.59	.05	.02	.00	.02	.25	.07	.14	.27	.71	.71	.48	.41	.82	.66	.00	5.97
4.1- 5.0	13	2	0	0	0	0	1	0	4	1	17	10	31	28	47	17	0	171
(1)	.79	.12	.00	.00	.00	.00	.06	.00	.24	.06	1.03	.61	1.88	1.70	2.85	1.03	.00	10.37
(2)	.30	.05	.00	.00	.00	.00	.02	.00	.09	.02	.39	.23	.71	.64	1.07	.39	.00	3.90
5.1- 6.0	1	0	0	0	0	0	2	0	0	0	10	23	8	9	10	2	0	65
(1)	.06	.00	.00	.00	.00	.00	.12	.00	.00	.00	.61	1.39	.49	.55	.61	.12	.00	3.94
(2)	.02	.00	.00	.00	.00	.00	.05	.00	.00	.00	.23	.52	.18	.21	.23	.05	.00	1.48
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	10	42	3	2	1	0	0	58

Table 2.3-44— {SSES 33' (10-m) 2001-2006 October JFD - continued}

(Page 2 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 37.57**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.61	2.55	.18	.12	.06	.00	.00	3.52
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.23	.96	.07	.05	.02	.00	.00	1.32
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	13	5	0	0	0	0	19
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.79	.30	.00	.00	.00	.00	1.15
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.30	.11	.00	.00	.00	.00	.43
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	123	180	112	60	64	65	88	70	69	90	174	173	100	84	117	80	0	1649
(1)	7.46	10.92	6.79	3.64	3.88	3.94	5.34	4.24	4.18	5.46	10.55	10.49	6.06	5.09	7.10	4.85	.00	100.00
(2)	2.80	4.10	2.55	1.37	1.46	1.48	2.01	1.59	1.57	2.05	3.96	3.94	2.28	1.91	2.67	1.82	.00	37.57

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-44— {SSES 33' (10-m) 2001-2006 October JFD - continued}

(Page 1 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 32.38**

	WIND DIRECTION FROM																	
SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.14	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.21
(2)	.00	.00	.00	.05	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
.2- .4	0	0	5	6	8	7	3	5	1	0	0	0	1	0	0	0	0	36
(1)	.00	.00	.35	.42	.56	.49	.21	.35	.07	.00	.00	.00	.07	.00	.00	.00	.00	2.53
(2)	.00	.00	.11	.14	.18	.16	.07	.11	.02	.00	.00	.00	.02	.00	.00	.00	.00	.82
.5- 1.0	10	30	48	90	70	57	50	39	33	20	7	3	1	1	2	2	0	463
(1)	.70	2.11	3.38	6.33	4.93	4.01	3.52	2.74	2.32	1.41	.49	.21	.07	.07	.14	.14	.00	32.58
(2)	.23	.68	1.09	2.05	1.59	1.30	1.14	.89	.75	.46	.16	.07	.02	.02	.05	.05	.00	10.55
1.1- 1.5	16	52	66	48	10	6	18	17	44	42	20	9	4	2	1	4	0	359
(1)	1.13	3.66	4.64	3.38	.70	.42	1.27	1.20	3.10	2.96	1.41	.63	.28	.14	.07	.28	.00	25.26
(2)	.36	1.18	1.50	1.09	.23	.14	.41	.39	1.00	.96	.46	.21	.09	.05	.02	.09	.00	8.18
1.6- 2.0	16	35	31	9	3	0	2	6	25	38	21	13	4	6	2	3	0	214
(1)	1.13	2.46	2.18	.63	.21	.00	.14	.42	1.76	2.67	1.48	.91	.28	.42	.14	.21	.00	15.06
(2)	.36	.80	.71	.21	.07	.00	.05	.14	.57	.87	.48	.30	.09	.14	.05	.07	.00	4.88
2.1- 3.0	9	62	22	1	2	4	7	8	19	32	31	10	9	5	11	9	0	241
(1)	.63	4.36	1.55	.07	.14	.28	.49	.56	1.34	2.25	2.18	.70	.63	.35	.77	.63	.00	16.96
(2)	.21	1.41	.50	.02	.05	.09	.16	.18	.43	.73	.71	.23	.21	.11	.25	.21	.00	5.49
3.1- 4.0	4	13	5	0	0	4	5	8	3	7	19	10	2	0	1	5	0	86
(1)	.28	.91	.35	.00	.00	.28	.35	.56	.21	.49	1.34	.70	.14	.00	.07	.35	.00	6.05
(2)	.09	.30	.11	.00	.00	.09	.11	.18	.07	.16	.43	.23	.05	.00	.02	.11	.00	1.96
4.1- 5.0	0	0	0	0	0	1	3	0	0	1	4	1	0	0	1	1	0	12
(1)	.00	.00	.00	.00	.00	.07	.21	.00	.00	.07	.28	.07	.00	.00	.07	.07	.00	.84
(2)	.00	.00	.00	.00	.00	.02	.07	.00	.00	.02	.09	.02	.00	.00	.02	.02	.00	.27
5.1- 6.0	0	0	0	0	0	0	1	0	1	0	1	2	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.07	.00	.07	.00	.07	.14	.00	.00	.00	.00	.00	.35
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.02	.05	.00	.00	.00	.00	.00	.11
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2

Table 2.3-44— {SSES 33' (10-m) 2001-2006 October JFD - continued}

(Page 2 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 32.38**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.00	.00	.00	.00	.00	.14
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	55	192	177	156	94	79	89	83	126	140	103	50	21	14	18	24	0	1421
(1)	3.87	13.51	12.46	10.98	6.62	5.56	6.26	5.84	8.87	9.85	7.25	3.52	1.48	.99	1.27	1.69	.00	100.00
(2)	1.25	4.37	4.03	3.55	2.14	1.80	2.03	1.89	2.87	3.19	2.35	1.14	.48	.32	.41	.55	.00	32.38

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-44— {SSES 33' (10-m) 2001-2006 October JFD - continued}

(Page 1 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 12.28**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	1	0	2	4	9	3	1	3	0	0	2	0	0	0	0	0	0	25
(1)	.19	.00	.37	.74	1.67	.56	.19	.56	.00	.00	.37	.00	.00	.00	.00	.00	.00	4.64
(2)	.02	.00	.05	.09	.21	.07	.02	.07	.00	.00	.05	.00	.00	.00	.00	.00	.00	.57
.5- 1.0	0	3	42	136	69	23	17	11	13	3	2	3	1	0	2	2	0	327
(1)	.00	.56	7.79	25.23	12.80	4.27	3.15	2.04	2.41	.56	.37	.56	.19	.00	.37	.37	.00	60.67
(2)	.00	.07	.96	3.10	1.57	.52	.39	.25	.30	.07	.05	.07	.02	.00	.05	.05	.00	7.45
1.1- 1.5	1	11	23	83	11	1	1	4	8	9	3	0	0	1	0	0	0	156
(1)	.19	2.04	4.27	15.40	2.04	.19	.19	.74	1.48	1.67	.56	.00	.00	.19	.00	.00	.00	28.94
(2)	.02	.25	.52	1.89	.25	.02	.02	.09	.18	.21	.07	.00	.00	.02	.00	.00	.00	3.55
1.6- 2.0	0	4	5	13	0	0	0	2	1	4	1	0	0	0	0	0	0	30
(1)	.00	.74	.93	2.41	.00	.00	.00	.37	.19	.74	.19	.00	.00	.00	.00	.00	.00	5.57
(2)	.00	.09	.11	.30	.00	.00	.00	.05	.02	.09	.02	.00	.00	.00	.00	.00	.00	.68
2.1- 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-44— {SSES 33' (10-m) 2001-2006 October JFD - continued}

(Page 2 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 12.28**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	2	19	72	236	89	27	19	20	22	16	8	3	1	1	2	2	0	539
(1)	.37	3.53	13.36	43.78	16.51	5.01	3.53	3.71	4.08	2.97	1.48	.56	.19	.19	.37	.37	.00	100.00
(2)	.05	.43	1.64	5.38	2.03	.62	.43	.46	.50	.36	.18	.07	.02	.02	.05	.05	.00	12.28

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-44— {SSES 33' (10-m) 2001-2006 October JFD - continued}

(Page 1 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS G — CLASS FREQUENCY (PERCENT) = 9.14

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.25
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.25
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	1	4	37	128	47	13	9	4	2	1	0	0	0	0	1	0	0	247
(1)	.25	1.00	9.23	31.92	11.72	3.24	2.24	1.00	.50	.25	.00	.00	.00	.00	.25	.00	.00	61.60
(2)	.02	.09	.84	2.92	1.07	.30	.21	.09	.05	.02	.00	.00	.00	.00	.02	.00	.00	5.63
1.1- 1.5	0	2	12	116	8	0	0	0	1	1	0	0	0	0	0	0	0	140
(1)	.00	.50	2.99	28.93	2.00	.00	.00	.00	.25	.25	.00	.00	.00	.00	.00	.00	.00	34.91
(2)	.00	.05	.27	2.64	.18	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	3.19
1.6- 2.0	0	0	1	10	1	0	0	0	0	0	0	0	0	0	0	0	0	12
(1)	.00	.00	.25	2.49	.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.99
(2)	.00	.00	.02	.23	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.27
2.1- 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-44— {SSES 33' (10-m) 2001-2006 October JFD - continued}

(Page 2 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 9.14**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	3	6	50	254	56	13	9	4	3	2	0	0	0	0	1	0	0	401
(1)	.75	1.50	12.47	63.34	13.97	3.24	2.24	1.00	.75	.50	.00	.00	.00	.00	.25	.00	.00	100.00
(2)	.07	.14	1.14	5.79	1.28	.30	.21	.09	.07	.05	.00	.00	.00	.00	.02	.00	.00	9.14

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-44— {SSES 33' (10-m) 2001-2006 October JFD - continued}

(Page 1 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS ALL — CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	1	1	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	6
(1)	.02	.02	.00	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
(2)	.02	.02	.00	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
.2- .4	2	0	7	12	19	10	5	9	1	0	2	0	1	0	0	0	0	68
(1)	.05	.00	.16	.27	.43	.23	.11	.21	.02	.00	.05	.00	.02	.00	.00	.00	.00	1.55
(2)	.05	.00	.16	.27	.43	.23	.11	.21	.02	.00	.05	.00	.02	.00	.00	.00	.00	1.55
.5- 1.0	17	50	151	377	221	128	97	78	62	35	11	9	2	2	6	6	0	1252
(1)	.39	1.14	3.44	8.59	5.04	2.92	2.21	1.78	1.41	.80	.25	.21	.05	.05	.14	.14	.00	28.53
(2)	.39	1.14	3.44	8.59	5.04	2.92	2.21	1.78	1.41	.80	.25	.21	.05	.05	.14	.14	.00	28.53
1.1- 1.5	27	105	124	264	46	20	35	37	70	77	51	23	5	4	4	7	0	899
(1)	.62	2.39	2.83	6.02	1.05	.46	.80	.84	1.59	1.75	1.16	.52	.11	.09	.09	.16	.00	20.48
(2)	.62	2.39	2.83	6.02	1.05	.46	.80	.84	1.59	1.75	1.16	.52	.11	.09	.09	.16	.00	20.48
1.6- 2.0	33	70	66	46	15	8	25	28	40	69	56	33	12	17	5	7	0	530
(1)	.75	1.59	1.50	1.05	.34	.18	.57	.64	.91	1.57	1.28	.75	.27	.39	.11	.16	.00	12.08
(2)	.75	1.59	1.50	1.05	.34	.18	.57	.64	.91	1.57	1.28	.75	.27	.39	.11	.16	.00	12.08
2.1- 3.0	57	142	71	13	5	19	34	27	53	67	133	47	34	21	28	34	0	785
(1)	1.30	3.24	1.62	.30	.11	.43	.77	.62	1.21	1.53	3.03	1.07	.77	.48	.64	.77	.00	17.89
(2)	1.30	3.24	1.62	.30	.11	.43	.77	.62	1.21	1.53	3.03	1.07	.77	.48	.64	.77	.00	17.89
3.1- 4.0	44	51	10	1	0	5	22	14	16	21	87	55	29	19	38	36	0	448
(1)	1.00	1.16	.23	.02	.00	.11	.50	.32	.36	.48	1.98	1.25	.66	.43	.87	.82	.00	10.21
(2)	1.00	1.16	.23	.02	.00	.11	.50	.32	.36	.48	1.98	1.25	.66	.43	.87	.82	.00	10.21
4.1- 5.0	15	3	0	0	0	1	4	0	7	4	39	26	40	28	48	18	0	233
(1)	.34	.07	.00	.00	.00	.02	.09	.00	.16	.09	.89	.59	.91	.64	1.09	.41	.00	5.31
(2)	.34	.07	.00	.00	.00	.02	.09	.00	.16	.09	.89	.59	.91	.64	1.09	.41	.00	5.31
5.1- 6.0	1	0	0	0	0	0	3	0	1	0	15	29	9	9	10	2	0	79
(1)	.02	.00	.00	.00	.00	.00	.07	.00	.02	.00	.34	.66	.21	.21	.23	.05	.00	1.80
(2)	.02	.00	.00	.00	.00	.00	.07	.00	.02	.00	.34	.66	.21	.21	.23	.05	.00	1.80
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	14	49	3	2	1	0	0	69

Table 2.3-44— {SSES 33' (10-m) 2001-2006 October JFD - continued}

(Page 2 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.32	1.12	.07	.05	.02	.00	.00	1.57
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.32	1.12	.07	.05	.02	.00	.00	1.57
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	14	5	0	0	0	0	20
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.32	.11	.00	.00	.00	.00	.46
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.32	.11	.00	.00	.00	.00	.46
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	197	422	429	716	307	191	225	193	250	273	409	285	140	102	140	110	0	4389
(1)	4.49	9.61	9.77	16.31	6.99	4.35	5.13	4.40	5.70	6.22	9.32	6.49	3.19	2.32	3.19	2.51	.00	100.00
(2)	4.49	9.61	9.77	16.31	6.99	4.35	5.13	4.40	5.70	6.22	9.32	6.49	3.19	2.32	3.19	2.51	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-45— {SSES 33' (10-m) 2001-2006 November JFD}

(Page 1 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = .87**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
1.1- 1.5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	2.78	.00	.00	.00	.00	.00	.00	.00	.00	2.78
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.02
1.6- 2.0	0	0	0	0	0	0	0	0	4	2	1	0	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.00	.00	11.11	5.56	2.78	.00	.00	.00	.00	.00	.00	19.44
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.10	.05	.02	.00	.00	.00	.00	.00	.00	.17
2.1- 3.0	1	0	0	0	0	0	0	0	3	2	5	0	0	0	0	0	0	11
(1)	2.78	.00	.00	.00	.00	.00	.00	.00	8.33	5.56	13.89	.00	.00	.00	.00	.00	.00	30.56
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.07	.05	.12	.00	.00	.00	.00	.00	.00	.26
3.1- 4.0	0	0	0	0	0	0	0	0	2	1	8	0	0	0	0	2	0	13
(1)	.00	.00	.00	.00	.00	.00	.00	.00	5.56	2.78	22.22	.00	.00	.00	.00	5.56	.00	36.11
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.05	.02	.19	.00	.00	.00	.00	.05	.00	.31
4.1- 5.0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	5.56	2.78	2.78	.00	.00	.00	.00	.00	.00	11.11
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.05	.02	.02	.00	.00	.00	.00	.00	.00	.10
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-45— {SSES 33' (10-m) 2001-2006 November JFD}

(Page 2 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = .87**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	1	0	0	0	0	0	0	0	12	6	15	0	0	0	0	2	0	36
(1)	2.78	.00	.00	.00	.00	.00	.00	.00	33.33	16.67	41.67	.00	.00	.00	.00	5.56	.00	100.00
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.29	.14	.36	.00	.00	.00	.00	.05	.00	.87

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-45— {SSES 33' (10-m) 2001-2006 November JFD - continued}

(Page 1 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 1.37**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
1.1- 1.5	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.75	.00	.00	.00	.00	.00	.00	.00	1.75
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
1.6- 2.0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	1.75	.00	1.75	.00	1.75	.00	.00	.00	.00	.00	5.26
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.02	.00	.00	.00	.00	.00	.07
2.1- 3.0	0	0	1	0	0	0	0	1	3	4	8	0	0	0	0	0	0	17
(1)	.00	.00	1.75	.00	.00	.00	.00	1.75	5.26	7.02	14.04	.00	.00	.00	.00	.00	.00	29.82
(2)	.00	.00	.02	.00	.00	.00	.00	.02	.07	.10	.19	.00	.00	.00	.00	.00	.00	.41
3.1- 4.0	0	0	0	0	0	0	0	0	1	2	7	4	1	0	0	0	0	15
(1)	.00	.00	.00	.00	.00	.00	.00	.00	1.75	3.51	12.28	7.02	1.75	.00	.00	.00	.00	26.32
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.17	.10	.02	.00	.00	.00	.00	.36
4.1- 5.0	0	0	0	0	0	0	0	1	2	1	6	3	1	0	0	0	0	14
(1)	.00	.00	.00	.00	.00	.00	.00	1.75	3.51	1.75	10.53	5.26	1.75	.00	.00	.00	.00	24.56
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.05	.02	.14	.07	.02	.00	.00	.00	.00	.34
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	12.28	.00	.00	.00	.00	.00	.00	12.28
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.17	.00	.00	.00	.00	.00	.00	.17
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-45— {SSES 33' (10-m) 2001-2006 November JFD - continued}
(Page 2 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 1.37**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	0	1	0	0	0	0	3	6	9	28	8	2	0	0	0	0	57
(1)	.00	.00	1.75	.00	.00	.00	.00	5.26	10.53	15.79	49.12	14.04	3.51	.00	.00	.00	.00	100.00
(2)	.00	.00	.02	.00	.00	.00	.00	.07	.14	.22	.67	.19	.05	.00	.00	.00	.00	1.37

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-45— {SSES 33' (10-m) 2001-2006 November JFD - continued}

(Page 1 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 2.70**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.89	.89	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.79
(2)	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
1.1- 1.5	0	0	0	0	1	0	0	2	1	1	0	0	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.89	.00	.00	1.79	.89	.89	.00	.00	.00	.00	.00	.00	.00	4.46
(2)	.00	.00	.00	.00	.02	.00	.00	.05	.02	.02	.00	.00	.00	.00	.00	.00	.00	.12
1.6- 2.0	0	0	1	0	0	0	0	0	1	4	3	0	0	0	0	0	0	9
(1)	.00	.00	.89	.00	.00	.00	.00	.00	.89	3.57	2.68	.00	.00	.00	.00	.00	.00	8.04
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.02	.10	.07	.00	.00	.00	.00	.00	.00	.22
2.1- 3.0	0	2	2	0	0	0	1	0	3	4	10	2	0	1	0	0	0	25
(1)	.00	1.79	1.79	.00	.00	.00	.89	.00	2.68	3.57	8.93	1.79	.00	.89	.00	.00	.00	22.32
(2)	.00	.05	.05	.00	.00	.00	.02	.00	.07	.10	.24	.05	.00	.02	.00	.00	.00	.60
3.1- 4.0	1	0	0	0	0	0	1	5	4	0	11	4	0	0	0	0	0	26
(1)	.89	.00	.00	.00	.00	.00	.89	4.46	3.57	.00	9.82	3.57	.00	.00	.00	.00	.00	23.21
(2)	.02	.00	.00	.00	.00	.00	.02	.12	.10	.00	.26	.10	.00	.00	.00	.00	.00	.63
4.1- 5.0	4	0	0	0	0	0	1	1	0	2	7	7	0	0	1	3	0	26
(1)	3.57	.00	.00	.00	.00	.00	.89	.89	.00	1.79	6.25	6.25	.00	.00	.89	2.68	.00	23.21
(2)	.10	.00	.00	.00	.00	.00	.02	.02	.00	.05	.17	.17	.00	.00	.02	.07	.00	.63
5.1- 6.0	2	0	0	0	0	0	0	0	0	0	6	6	0	0	0	1	0	15
(1)	1.79	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.36	5.36	.00	.00	.00	.89	.00	13.39
(2)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.14	.00	.00	.00	.02	.00	.36
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	4

Table 2.3-45— {SSES 33' (10-m) 2001-2006 November JFD - continued}

(Page 2 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 2.70

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.68	.00	.00	.00	.89	.00	.00	3.57
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.02	.00	.00	.10
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	7	2	3	0	1	0	4	9	9	11	40	19	0	1	2	4	0	112
(1)	6.25	1.79	2.68	.00	.89	.00	3.57	8.04	8.04	9.82	35.71	16.96	.00	.89	1.79	3.57	.00	100.00
(2)	.17	.05	.07	.00	.02	.00	.10	.22	.22	.26	.96	.46	.00	.02	.05	.10	.00	2.70

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-45— {SSES 33' (10-m) 2001-2006 November JFD - continued}
(Page 1 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 40.50**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	2	10	10	5	12	14	11	10	11	5	3	0	0	0	0	1	0	94
(1)	.12	.59	.59	.30	.71	.83	.65	.59	.65	.30	.18	.00	.00	.00	.00	.06	.00	5.59
(2)	.05	.24	.24	.12	.29	.34	.26	.24	.26	.12	.07	.00	.00	.00	.00	.02	.00	2.26
1.1- 1.5	3	13	18	9	10	13	29	19	21	26	7	9	2	6	2	1	0	188
(1)	.18	.77	1.07	.54	.59	.77	1.72	1.13	1.25	1.55	.42	.54	.12	.36	.12	.06	.00	11.18
(2)	.07	.31	.43	.22	.24	.31	.70	.46	.51	.63	.17	.22	.05	.14	.05	.02	.00	4.53
1.6- 2.0	10	18	23	3	3	5	13	13	18	21	18	16	6	4	2	3	0	176
(1)	.59	1.07	1.37	.18	.18	.30	.77	.77	1.07	1.25	1.07	.95	.36	.24	.12	.18	.00	10.46
(2)	.24	.43	.55	.07	.07	.12	.31	.31	.43	.51	.43	.39	.14	.10	.05	.07	.00	4.24
2.1- 3.0	39	51	49	5	6	5	33	27	23	21	43	22	27	23	23	29	0	426
(1)	2.32	3.03	2.91	.30	.36	.30	1.96	1.61	1.37	1.25	2.56	1.31	1.61	1.37	1.37	1.72	.00	25.33
(2)	.94	1.23	1.18	.12	.14	.12	.79	.65	.55	.51	1.04	.53	.65	.55	.55	.70	.00	10.26
3.1- 4.0	38	17	7	0	1	3	26	8	8	20	41	22	18	27	49	41	0	326
(1)	2.26	1.01	.42	.00	.06	.18	1.55	.48	.48	1.19	2.44	1.31	1.07	1.61	2.91	2.44	.00	19.38
(2)	.92	.41	.17	.00	.02	.07	.63	.19	.19	.48	.99	.53	.43	.65	1.18	.99	.00	7.85
4.1- 5.0	24	3	0	0	0	0	13	13	4	4	42	35	14	14	31	39	0	236
(1)	1.43	.18	.00	.00	.00	.00	.77	.77	.24	.24	2.50	2.08	.83	.83	1.84	2.32	.00	14.03
(2)	.58	.07	.00	.00	.00	.00	.31	.31	.10	.10	1.01	.84	.34	.34	.75	.94	.00	5.68
5.1- 6.0	5	0	0	0	0	0	5	9	5	1	16	27	10	7	29	26	0	140
(1)	.30	.00	.00	.00	.00	.00	.30	.54	.30	.06	.95	1.61	.59	.42	1.72	1.55	.00	8.32
(2)	.12	.00	.00	.00	.00	.00	.12	.22	.12	.02	.39	.65	.24	.17	.70	.63	.00	3.37
6.1- 8.0	1	0	0	0	0	0	1	8	3	0	5	12	7	20	9	7	0	73

Table 2.3-45— {SSES 33' (10-m) 2001-2006 November JFD - continued}

(Page 2 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 40.50**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.06	.00	.00	.00	.00	.00	.06	.48	.18	.00	.30	.71	.42	1.19	.54	.42	.00	4.34
(2)	.02	.00	.00	.00	.00	.00	.02	.19	.07	.00	.12	.29	.17	.48	.22	.17	.00	1.76
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	13	4	3	2	0	0	23
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.77	.24	.18	.12	.00	.00	1.37
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.31	.10	.07	.05	.00	.00	.55
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	122	112	107	22	32	40	131	107	93	98	176	156	88	104	147	147	0	1682
(1)	7.25	6.66	6.36	1.31	1.90	2.38	7.79	6.36	5.53	5.83	10.46	9.27	5.23	6.18	8.74	8.74	.00	100.00
(2)	2.94	2.70	2.58	.53	.77	.96	3.15	2.58	2.24	2.36	4.24	3.76	2.12	2.50	3.54	3.54	.00	40.50

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-45— {SSES 33' (10-m) 2001-2006 November JFD - continued}

(Page 1 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 31.09**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	3	5	3	5	3	1	0	0	0	0	0	0	0	0	21
(1)	.00	.00	.08	.23	.39	.23	.39	.23	.08	.00	.00	.00	.00	.00	.00	.00	.00	1.63
(2)	.00	.00	.02	.07	.12	.07	.12	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.51
.5- 1.0	7	26	57	75	78	50	51	32	33	21	4	1	4	0	1	1	0	441
(1)	.54	2.01	4.42	5.81	6.04	3.87	3.95	2.48	2.56	1.63	.31	.08	.31	.00	.08	.08	.00	34.16
(2)	.17	.63	1.37	1.81	1.88	1.20	1.23	.77	.79	.51	.10	.02	.10	.00	.02	.02	.00	10.62
1.1- 1.5	14	41	41	29	14	9	17	26	40	28	29	4	1	0	1	3	0	297
(1)	1.08	3.18	3.18	2.25	1.08	.70	1.32	2.01	3.10	2.17	2.25	.31	.08	.00	.08	.23	.00	23.01
(2)	.34	.99	.99	.70	.34	.22	.41	.63	.96	.67	.70	.10	.02	.00	.02	.07	.00	7.15
1.6- 2.0	10	32	15	5	3	3	5	10	26	37	18	14	6	1	3	4	0	192
(1)	.77	2.48	1.16	.39	.23	.23	.39	.77	2.01	2.87	1.39	1.08	.46	.08	.23	.31	.00	14.87
(2)	.24	.77	.36	.12	.07	.07	.12	.24	.63	.89	.43	.34	.14	.02	.07	.10	.00	4.62
2.1- 3.0	19	19	9	0	0	1	4	10	21	39	25	7	4	5	5	13	0	181
(1)	1.47	1.47	.70	.00	.00	.08	.31	.77	1.63	3.02	1.94	.54	.31	.39	.39	1.01	.00	14.02
(2)	.46	.46	.22	.00	.00	.02	.10	.24	.51	.94	.60	.17	.10	.12	.12	.31	.00	4.36
3.1- 4.0	4	5	5	1	0	1	1	5	13	14	16	11	0	1	3	5	0	85
(1)	.31	.39	.39	.08	.00	.08	.08	.39	1.01	1.08	1.24	.85	.00	.08	.23	.39	.00	6.58
(2)	.10	.12	.12	.02	.00	.02	.02	.12	.31	.34	.39	.26	.00	.02	.07	.12	.00	2.05
4.1- 5.0	1	0	0	0	0	0	3	9	9	8	6	2	1	0	1	2	0	42
(1)	.08	.00	.00	.00	.00	.00	.23	.70	.70	.62	.46	.15	.08	.00	.08	.15	.00	3.25
(2)	.02	.00	.00	.00	.00	.00	.07	.22	.22	.19	.14	.05	.02	.00	.02	.05	.00	1.01
5.1- 6.0	0	0	0	0	0	5	2	3	8	2	0	3	0	0	0	0	0	23
(1)	.00	.00	.00	.00	.00	.39	.15	.23	.62	.15	.00	.23	.00	.00	.00	.00	.00	1.78
(2)	.00	.00	.00	.00	.00	.12	.05	.07	.19	.05	.00	.07	.00	.00	.00	.00	.00	.55
6.1- 8.0	0	0	0	0	0	0	0	6	1	0	1	1	0	0	0	0	0	9

Table 2.3-45— {SSES 33' (10-m) 2001-2006 November JFD - continued}

(Page 2 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 31.09**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.46	.08	.00	.08	.08	.00	.00	.00	.00	.00	.70
(2)	.00	.00	.00	.00	.00	.00	.00	.14	.02	.00	.02	.02	.00	.00	.00	.00	.00	.22
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	55	123	128	113	100	72	88	104	152	149	99	43	16	7	14	28	0	1291
(1)	4.26	9.53	9.91	8.75	7.75	5.58	6.82	8.06	11.77	11.54	7.67	3.33	1.24	.54	1.08	2.17	.00	100.00
(2)	1.32	2.96	3.08	2.72	2.41	1.73	2.12	2.50	3.66	3.59	2.38	1.04	.39	.17	.34	.67	.00	31.09

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-45— {SSES 33' (10-m) 2001-2006 November JFD - continued}

(Page 1 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 11.27

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	2	3	1	0	0	0	0	0	0	0	0	0	0	0	6
(1)	.00	.00	.00	.43	.64	.21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.28
(2)	.00	.00	.00	.05	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
.5- 1.0	0	13	48	121	62	20	20	10	10	5	1	0	0	0	0	2	0	312
(1)	.00	2.78	10.26	25.85	13.25	4.27	4.27	2.14	2.14	1.07	.21	.00	.00	.00	.00	.43	.00	66.67
(2)	.00	.31	1.16	2.91	1.49	.48	.48	.24	.24	.12	.02	.00	.00	.00	.00	.05	.00	7.51
1.1- 1.5	3	7	23	50	4	2	3	2	13	7	2	0	0	0	0	0	0	116
(1)	.64	1.50	4.91	10.68	.85	.43	.64	.43	2.78	1.50	.43	.00	.00	.00	.00	.00	.00	24.79
(2)	.07	.17	.55	1.20	.10	.05	.07	.05	.31	.17	.05	.00	.00	.00	.00	.00	.00	2.79
1.6- 2.0	0	4	9	4	0	0	0	0	2	4	0	1	0	0	0	0	0	24
(1)	.00	.85	1.92	.85	.00	.00	.00	.00	.43	.85	.00	.21	.00	.00	.00	.00	.00	5.13
(2)	.00	.10	.22	.10	.00	.00	.00	.00	.05	.10	.00	.02	.00	.00	.00	.00	.00	.58
2.1- 3.0	0	1	0	0	0	0	0	0	0	1	5	2	0	0	0	0	0	9
(1)	.00	.21	.00	.00	.00	.00	.00	.00	.00	.21	1.07	.43	.00	.00	.00	.00	.00	1.92
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02	.12	.05	.00	.00	.00	.00	.00	.22
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.21	.00	.21
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-45— {SSES 33' (10-m) 2001-2006 November JFD - continued}

(Page 2 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 11.27**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	3	25	80	177	69	23	23	12	25	17	8	3	0	0	0	3	0	468
(1)	.64	5.34	17.09	37.82	14.74	4.91	4.91	2.56	5.34	3.63	1.71	.64	.00	.00	.00	.64	.00	100.00
(2)	.07	.60	1.93	4.26	1.66	.55	.55	.29	.60	.41	.19	.07	.00	.00	.00	.07	.00	11.27

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-45— {SSES 33' (10-m) 2001-2006 November JFD - continued}

(Page 1 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 12.21**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	2	3	55	187	47	18	10	2	4	1	3	0	0	0	0	2	0	334
(1)	.39	.59	10.85	36.88	9.27	3.55	1.97	.39	.79	.20	.59	.00	.00	.00	.00	.39	.00	65.88
(2)	.05	.07	1.32	4.50	1.13	.43	.24	.05	.10	.02	.07	.00	.00	.00	.00	.05	.00	8.04
1.1- 1.5	0	0	24	116	5	1	1	1	1	1	1	0	0	0	0	0	0	151
(1)	.00	.00	4.73	22.88	.99	.20	.20	.20	.20	.20	.20	.00	.00	.00	.00	.00	.00	29.78
(2)	.00	.00	.58	2.79	.12	.02	.02	.02	.02	.02	.02	.00	.00	.00	.00	.00	.00	3.64
1.6- 2.0	1	1	6	13	0	0	0	0	0	0	0	0	0	0	0	0	0	21
(1)	.20	.20	1.18	2.56	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.14
(2)	.02	.02	.14	.31	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.51
2.1- 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-45— {SSES 33' (10-m) 2001-2006 November JFD - continued}

(Page 2 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 12.21**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	3	4	85	316	52	20	11	3	5	2	4	0	0	0	0	2	0	507
(1)	.59	.79	16.77	62.33	10.26	3.94	2.17	.59	.99	.39	.79	.00	.00	.00	.00	.39	.00	100.00
(2)	.07	.10	2.05	7.61	1.25	.48	.26	.07	.12	.05	.10	.00	.00	.00	.00	.05	.00	12.21

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-45— {SSES 33' (10-m) 2001-2006 November JFD - continued}
(Page 1 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS ALL — CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	5	8	5	5	3	1	0	0	0	0	0	0	0	0	28
(1)	.00	.00	.02	.12	.19	.12	.12	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.67
(2)	.00	.00	.02	.12	.19	.12	.12	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.67
.5- 1.0	11	52	170	388	199	102	93	55	58	32	11	1	4	0	1	6	0	1183
(1)	.26	1.25	4.09	9.34	4.79	2.46	2.24	1.32	1.40	.77	.26	.02	.10	.00	.02	.14	.00	28.49
(2)	.26	1.25	4.09	9.34	4.79	2.46	2.24	1.32	1.40	.77	.26	.02	.10	.00	.02	.14	.00	28.49
1.1- 1.5	20	61	106	204	34	25	50	50	77	64	39	13	3	6	3	4	0	759
(1)	.48	1.47	2.55	4.91	.82	.60	1.20	1.20	1.85	1.54	.94	.31	.07	.14	.07	.10	.00	18.28
(2)	.48	1.47	2.55	4.91	.82	.60	1.20	1.20	1.85	1.54	.94	.31	.07	.14	.07	.10	.00	18.28
1.6- 2.0	21	55	54	25	6	8	18	24	51	69	40	32	12	5	5	7	0	432
(1)	.51	1.32	1.30	.60	.14	.19	.43	.58	1.23	1.66	.96	.77	.29	.12	.12	.17	.00	10.40
(2)	.51	1.32	1.30	.60	.14	.19	.43	.58	1.23	1.66	.96	.77	.29	.12	.12	.17	.00	10.40
2.1- 3.0	59	73	61	5	6	6	38	38	53	71	96	33	31	29	28	42	0	669
(1)	1.42	1.76	1.47	.12	.14	.14	.92	.92	1.28	1.71	2.31	.79	.75	.70	.67	1.01	.00	16.11
(2)	1.42	1.76	1.47	.12	.14	.14	.92	.92	1.28	1.71	2.31	.79	.75	.70	.67	1.01	.00	16.11
3.1- 4.0	43	22	12	1	1	4	28	18	28	37	83	41	19	28	52	49	0	466
(1)	1.04	.53	.29	.02	.02	.10	.67	.43	.67	.89	2.00	.99	.46	.67	1.25	1.18	.00	11.22
(2)	1.04	.53	.29	.02	.02	.10	.67	.43	.67	.89	2.00	.99	.46	.67	1.25	1.18	.00	11.22
4.1- 5.0	29	3	0	0	0	0	17	24	17	16	62	47	16	14	33	44	0	322
(1)	.70	.07	.00	.00	.00	.00	.41	.58	.41	.39	1.49	1.13	.39	.34	.79	1.06	.00	7.75
(2)	.70	.07	.00	.00	.00	.00	.41	.58	.41	.39	1.49	1.13	.39	.34	.79	1.06	.00	7.75
5.1- 6.0	7	0	0	0	0	5	7	12	13	3	29	36	10	7	29	27	0	185
(1)	.17	.00	.00	.00	.00	.12	.17	.29	.31	.07	.70	.87	.24	.17	.70	.65	.00	4.45
(2)	.17	.00	.00	.00	.00	.12	.17	.29	.31	.07	.70	.87	.24	.17	.70	.65	.00	4.45
6.1- 8.0	1	0	0	0	0	0	1	14	4	0	9	13	7	20	10	7	0	86

Table 2.3-45— {SSES 33' (10-m) 2001-2006 November JFD - continued}

(Page 2 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.02	.00	.00	.00	.00	.00	.02	.34	.10	.00	.22	.31	.17	.48	.24	.17	.00	2.07
(2)	.02	.00	.00	.00	.00	.00	.02	.34	.10	.00	.22	.31	.17	.48	.24	.17	.00	2.07
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	13	4	3	2	0	0	23
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.31	.10	.07	.05	.00	.00	.55
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.31	.10	.07	.05	.00	.00	.55
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	191	266	404	628	254	155	257	238	302	292	370	229	106	112	163	186	0	4153
(1)	4.60	6.41	9.73	15.12	6.12	3.73	6.19	5.73	7.27	7.03	8.91	5.51	2.55	2.70	3.92	4.48	.00	100.00
(2)	4.60	6.41	9.73	15.12	6.12	3.73	6.19	5.73	7.27	7.03	8.91	5.51	2.55	2.70	3.92	4.48	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-46— {SSES 33' (10-m) 2001-2006 December JFD}

(Page 1 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = .78**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
1.1- 1.5	0	0	0	0	0	0	1	1	0	1	2	0	0	1	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	2.86	2.86	.00	2.86	5.71	.00	.00	2.86	.00	.00	.00	17.14
(2)	.00	.00	.00	.00	.00	.00	.02	.02	.00	.02	.04	.00	.00	.02	.00	.00	.00	.13
1.6- 2.0	0	0	0	0	1	0	0	0	2	0	4	0	0	0	0	0	0	7
(1)	.00	.00	.00	.00	2.86	.00	.00	.00	5.71	.00	11.43	.00	.00	.00	.00	.00	.00	20.00
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.04	.00	.09	.00	.00	.00	.00	.00	.00	.16
2.1- 3.0	0	0	0	0	0	0	1	1	1	4	4	0	1	0	0	0	0	12
(1)	.00	.00	.00	.00	.00	.00	2.86	2.86	2.86	11.43	11.43	.00	2.86	.00	.00	.00	.00	34.29
(2)	.00	.00	.00	.00	.00	.00	.02	.02	.02	.09	.09	.00	.02	.00	.00	.00	.00	.27
3.1- 4.0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.86	14.29	.00	.00	.00	.00	.00	.00	17.14
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.11	.00	.00	.00	.00	.00	.00	.13
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.57	.00	.00	.00	.00	.00	.00	8.57
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00	.07
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1

Table 2.3-46— {SSES 33' (10-m) 2001-2006 December JFD}

(Page 2 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = .78**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.86	.00	.00	.00	.00	.00	.00	2.86
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	0	0	0	1	0	2	2	3	6	19	0	1	1	0	0	0	35
(1)	.00	.00	.00	.00	2.86	.00	5.71	5.71	8.57	17.14	54.29	.00	2.86	2.86	.00	.00	.00	100.00
(2)	.00	.00	.00	.00	.02	.00	.04	.04	.07	.13	.43	.00	.02	.02	.00	.00	.00	.78

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-46— {SSES 33' (10-m) 2001-2006 December JFD - continued}
(Page 1 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = .76**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.94	.00	.00	.00	.00	.00	.00	.00	2.94
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
1.1- 1.5	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	5.88	2.94	.00	.00	.00	.00	.00	.00	.00	8.82
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.04	.02	.00	.00	.00	.00	.00	.00	.00	.07
1.6- 2.0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.88	2.94	.00	.00	.00	.00	.00	.00	8.82
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.02	.00	.00	.00	.00	.00	.00	.07
2.1- 3.0	0	0	1	0	0	0	0	0	0	5	4	2	0	0	0	0	0	12
(1)	.00	.00	2.94	.00	.00	.00	.00	.00	.00	14.71	11.76	5.88	.00	.00	.00	.00	.00	35.29
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.11	.09	.04	.00	.00	.00	.00	.00	.27
3.1- 4.0	0	0	0	0	0	0	0	0	0	3	7	1	0	0	0	1	0	12
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.82	20.59	2.94	.00	.00	.00	2.94	.00	35.29
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.16	.02	.00	.00	.00	.02	.00	.27
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.88	.00	.00	.00	.00	.00	.00	5.88
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00	.00	.04
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.94	.00	.00	.00	.00	.00	2.94
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-46— {SSES 33' (10-m) 2001-2006 December JFD - continued}

(Page 2 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = .76**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	0	1	0	0	0	0	0	2	12	14	4	0	0	0	1	0	34
(1)	.00	.00	2.94	.00	.00	.00	.00	.00	5.88	35.29	41.18	11.76	.00	.00	.00	2.94	.00	100.00
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.04	.27	.31	.09	.00	.00	.00	.02	.00	.76

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-46— {SSES 33' (10-m) 2001-2006 December JFD - continued}

(Page 1 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 2.04**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	1	0	0	2	1	0	1	0	0	0	0	0	0	5
(1)	.00	.00	.00	.00	1.10	.00	.00	2.20	1.10	.00	1.10	.00	.00	.00	.00	.00	.00	5.49
(2)	.00	.00	.00	.00	.02	.00	.00	.04	.02	.00	.02	.00	.00	.00	.00	.00	.00	.11
1.1- 1.5	0	0	0	0	0	2	0	0	1	1	0	1	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	2.20	.00	.00	1.10	1.10	.00	1.10	.00	.00	.00	.00	.00	5.49
(2)	.00	.00	.00	.00	.00	.04	.00	.00	.02	.02	.00	.02	.00	.00	.00	.00	.00	.11
1.6- 2.0	0	0	3	0	0	0	0	2	2	3	1	1	0	0	0	0	0	12
(1)	.00	.00	3.30	.00	.00	.00	.00	2.20	2.20	3.30	1.10	1.10	.00	.00	.00	.00	.00	13.19
(2)	.00	.00	.07	.00	.00	.00	.00	.04	.04	.07	.02	.02	.00	.00	.00	.00	.00	.27
2.1- 3.0	1	2	2	0	0	0	0	0	2	2	7	1	0	0	0	0	0	17
(1)	1.10	2.20	2.20	.00	.00	.00	.00	.00	2.20	2.20	7.69	1.10	.00	.00	.00	.00	.00	18.68
(2)	.02	.04	.04	.00	.00	.00	.00	.00	.04	.04	.16	.02	.00	.00	.00	.00	.00	.38
3.1- 4.0	1	0	1	0	0	0	1	0	1	3	9	3	0	1	0	2	0	22
(1)	1.10	.00	1.10	.00	.00	.00	1.10	.00	1.10	3.30	9.89	3.30	.00	1.10	.00	2.20	.00	24.18
(2)	.02	.00	.02	.00	.00	.00	.02	.00	.02	.07	.20	.07	.00	.02	.00	.04	.00	.49
4.1- 5.0	2	0	0	0	0	0	0	0	1	1	9	3	0	0	0	3	0	19
(1)	2.20	.00	.00	.00	.00	.00	.00	.00	1.10	1.10	9.89	3.30	.00	.00	.00	3.30	.00	20.88
(2)	.04	.00	.00	.00	.00	.00	.00	.00	.02	.02	.20	.07	.00	.00	.00	.07	.00	.43
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.30	6.59	.00	.00	.00	.00	.00	9.89
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.13	.00	.00	.00	.00	.00	.20
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2

Table 2.3-46— {SSES 33' (10-m) 2001-2006 December JFD - continued}

(Page 2 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 2.04**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.10	1.10	.00	.00	.00	.00	.00	2.20
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.04
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	4	2	6	0	1	2	1	4	8	10	31	16	0	1	0	5	0	91
(1)	4.40	2.20	6.59	.00	1.10	2.20	1.10	4.40	8.79	10.99	34.07	17.58	.00	1.10	.00	5.49	.00	100.00
(2)	.09	.04	.13	.00	.02	.04	.02	.09	.18	.22	.69	.36	.00	.02	.00	.11	.00	2.04

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-46— {SSES 33' (10-m) 2001-2006 December JFD - continued}

(Page 1 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 45.99

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.05	.05	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.15
(2)	.00	.00	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	1	7	2	9	23	28	15	13	7	5	0	2	1	0	3	1	0	117
(1)	.05	.34	.10	.44	1.12	1.36	.73	.63	.34	.24	.00	.10	.05	.00	.15	.05	.00	5.70
(2)	.02	.16	.04	.20	.52	.63	.34	.29	.16	.11	.00	.04	.02	.00	.07	.02	.00	2.62
1.1- 1.5	8	17	14	16	13	14	26	17	26	20	13	8	8	4	3	4	0	211
(1)	.39	.83	.68	.78	.63	.68	1.27	.83	1.27	.97	.63	.39	.39	.19	.15	.19	.00	10.28
(2)	.18	.38	.31	.36	.29	.31	.58	.38	.58	.45	.29	.18	.18	.09	.07	.09	.00	4.73
1.6- 2.0	10	17	19	15	7	6	13	13	23	30	14	8	11	4	5	6	0	201
(1)	.49	.83	.93	.73	.34	.29	.63	.63	1.12	1.46	.68	.39	.54	.19	.24	.29	.00	9.79
(2)	.22	.38	.43	.34	.16	.13	.29	.29	.52	.67	.31	.18	.25	.09	.11	.13	.00	4.50
2.1- 3.0	39	29	29	7	5	5	21	13	33	60	64	32	27	10	19	26	0	419
(1)	1.90	1.41	1.41	.34	.24	.24	1.02	.63	1.61	2.92	3.12	1.56	1.32	.49	.93	1.27	.00	20.41
(2)	.87	.65	.65	.16	.11	.11	.47	.29	.74	1.34	1.43	.72	.60	.22	.43	.58	.00	9.39
3.1- 4.0	32	14	7	7	1	2	5	3	4	25	107	35	39	23	52	57	0	413
(1)	1.56	.68	.34	.34	.05	.10	.24	.15	.19	1.22	5.21	1.70	1.90	1.12	2.53	2.78	.00	20.12
(2)	.72	.31	.16	.16	.02	.04	.11	.07	.09	.56	2.40	.78	.87	.52	1.16	1.28	.00	9.25
4.1- 5.0	17	5	2	0	1	1	1	0	3	4	84	66	34	37	52	62	0	369
(1)	.83	.24	.10	.00	.05	.05	.05	.00	.15	.19	4.09	3.21	1.66	1.80	2.53	3.02	.00	17.97
(2)	.38	.11	.04	.00	.02	.02	.02	.00	.07	.09	1.88	1.48	.76	.83	1.16	1.39	.00	8.27
5.1- 6.0	3	0	0	0	0	0	1	0	2	1	42	59	22	10	39	49	0	228
(1)	.15	.00	.00	.00	.00	.00	.05	.00	.10	.05	2.05	2.87	1.07	.49	1.90	2.39	.00	11.11
(2)	.07	.00	.00	.00	.00	.00	.02	.00	.04	.02	.94	1.32	.49	.22	.87	1.10	.00	5.11
6.1- 8.0	0	0	0	0	0	0	0	0	1	0	13	37	7	5	15	5	0	83

Table 2.3-46— {SSES 33' (10-m) 2001-2006 December JFD - continued}

(Page 2 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 45.99**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.63	1.80	.34	.24	.73	.24	.00	4.04
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.29	.83	.16	.11	.34	.11	.00	1.86
8.1-10.0	0	0	0	0	0	0	0	0	2	0	0	7	0	0	0	0	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.00	.34	.00	.00	.00	.00	.00	.44
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.16	.00	.00	.00	.00	.00	.20
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	110	89	74	55	51	56	82	59	101	145	337	254	149	93	188	210	0	2053
(1)	5.36	4.34	3.60	2.68	2.48	2.73	3.99	2.87	4.92	7.06	16.42	12.37	7.26	4.53	9.16	10.23	.00	100.00
(2)	2.46	1.99	1.66	1.23	1.14	1.25	1.84	1.32	2.26	3.25	7.55	5.69	3.34	2.08	4.21	4.70	.00	45.99

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-46— {SSES 33' (10-m) 2001-2006 December JFD - continued}

(Page 1 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 30.58**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	3	0	1	1	2	1	0	0	0	0	0	0	0	0	0	0	8
(1)	.00	.22	.00	.07	.07	.15	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.59
(2)	.00	.07	.00	.02	.02	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18
.5- 1.0	5	11	41	73	68	51	71	45	41	15	13	5	3	1	0	2	0	445
(1)	.37	.81	3.00	5.35	4.98	3.74	5.20	3.30	3.00	1.10	.95	.37	.22	.07	.00	.15	.00	32.60
(2)	.11	.25	.92	1.64	1.52	1.14	1.59	1.01	.92	.34	.29	.11	.07	.02	.00	.04	.00	9.97
1.1- 1.5	9	30	40	30	12	14	16	26	33	40	22	3	5	3	1	2	0	286
(1)	.66	2.20	2.93	2.20	.88	1.03	1.17	1.90	2.42	2.93	1.61	.22	.37	.22	.07	.15	.00	20.95
(2)	.20	.67	.90	.67	.27	.31	.36	.58	.74	.90	.49	.07	.11	.07	.02	.04	.00	6.41
1.6- 2.0	12	21	14	4	2	2	5	20	25	45	18	13	1	2	3	0	0	187
(1)	.88	1.54	1.03	.29	.15	.15	.37	1.47	1.83	3.30	1.32	.95	.07	.15	.22	.00	.00	13.70
(2)	.27	.47	.31	.09	.04	.04	.11	.45	.56	1.01	.40	.29	.02	.04	.07	.00	.00	4.19
2.1- 3.0	20	33	14	3	0	1	4	7	21	61	48	16	9	4	10	13	0	264
(1)	1.47	2.42	1.03	.22	.00	.07	.29	.51	1.54	4.47	3.52	1.17	.66	.29	.73	.95	.00	19.34
(2)	.45	.74	.31	.07	.00	.02	.09	.16	.47	1.37	1.08	.36	.20	.09	.22	.29	.00	5.91
3.1- 4.0	6	16	6	1	3	3	2	4	6	6	33	4	3	6	4	10	0	113
(1)	.44	1.17	.44	.07	.22	.22	.15	.29	.44	.44	2.42	.29	.22	.44	.29	.73	.00	8.28
(2)	.13	.36	.13	.02	.07	.07	.04	.09	.13	.13	.74	.09	.07	.13	.09	.22	.00	2.53
4.1- 5.0	3	0	0	0	1	2	2	2	1	0	10	4	0	0	5	4	0	34
(1)	.22	.00	.00	.00	.07	.15	.15	.15	.07	.00	.73	.29	.00	.00	.37	.29	.00	2.49
(2)	.07	.00	.00	.00	.02	.04	.04	.04	.02	.00	.22	.09	.00	.00	.11	.09	.00	.76
5.1- 6.0	0	0	0	0	1	3	2	3	0	0	2	2	1	0	1	1	0	16
(1)	.00	.00	.00	.00	.07	.22	.15	.22	.00	.00	.15	.15	.07	.00	.07	.07	.00	1.17
(2)	.00	.00	.00	.00	.02	.07	.04	.07	.00	.00	.04	.04	.02	.00	.02	.02	.00	.36
6.1- 8.0	0	0	0	0	2	0	1	1	2	1	0	3	0	0	0	0	0	10

Table 2.3-46— {SSES 33' (10-m) 2001-2006 December JFD - continued}
(Page 2 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 30.58**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.15	.00	.07	.07	.15	.07	.00	.22	.00	.00	.00	.00	.00	.73
(2)	.00	.00	.00	.00	.04	.00	.02	.02	.04	.02	.00	.07	.00	.00	.00	.00	.00	.22
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
ALL SPEEDS	55	114	115	112	90	78	104	108	129	168	146	52	22	16	24	32	0	1365
(1)	4.03	8.35	8.42	8.21	6.59	5.71	7.62	7.91	9.45	12.31	10.70	3.81	1.61	1.17	1.76	2.34	.00	100.00
(2)	1.23	2.55	2.58	2.51	2.02	1.75	2.33	2.42	2.89	3.76	3.27	1.16	.49	.36	.54	.72	.00	30.58

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-46— {SSES 33' (10-m) 2001-2006 December JFD - continued}

(Page 1 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 11.67**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	0	4	0	1	0	0	0	0	0	0	0	0	0	0	6
(1)	.00	.00	.19	.00	.77	.00	.19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.15
(2)	.00	.00	.02	.00	.09	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13
.5- 1.0	3	9	46	110	68	35	16	28	22	3	1	0	1	0	0	1	0	343
(1)	.58	1.73	8.83	21.11	13.05	6.72	3.07	5.37	4.22	.58	.19	.00	.19	.00	.00	.19	.00	65.83
(2)	.07	.20	1.03	2.46	1.52	.78	.36	.63	.49	.07	.02	.00	.02	.00	.00	.02	.00	7.68
1.1- 1.5	2	9	21	48	8	6	4	6	19	8	1	1	0	1	0	2	0	136
(1)	.38	1.73	4.03	9.21	1.54	1.15	.77	1.15	3.65	1.54	.19	.19	.00	.19	.00	.38	.00	26.10
(2)	.04	.20	.47	1.08	.18	.13	.09	.13	.43	.18	.02	.02	.00	.02	.00	.04	.00	3.05
1.6- 2.0	2	2	4	1	0	0	1	2	2	10	2	0	0	0	0	1	0	27
(1)	.38	.38	.77	.19	.00	.00	.19	.38	.38	1.92	.38	.00	.00	.00	.00	.19	.00	5.18
(2)	.04	.04	.09	.02	.00	.00	.02	.04	.04	.22	.04	.00	.00	.00	.00	.02	.00	.60
2.1- 3.0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	1	0	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.58	.96	.00	.00	.00	.19	.00	.00	1.73
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.11	.00	.00	.00	.02	.00	.00	.20
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-46— {SSES 33' (10-m) 2001-2006 December JFD - continued}

(Page 2 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 11.67**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	7	20	72	159	80	41	22	36	43	24	9	1	1	1	1	4	0	521
(1)	1.34	3.84	13.82	30.52	15.36	7.87	4.22	6.91	8.25	4.61	1.73	.19	.19	.19	.19	.77	.00	100.00
(2)	.16	.45	1.61	3.56	1.79	.92	.49	.81	.96	.54	.20	.02	.02	.02	.02	.09	.00	11.67

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-46— {SSES 33' (10-m) 2001-2006 December JFD - continued}

(Page 1 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 8.18**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.55	.27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.82
(2)	.00	.00	.00	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	0	5	37	112	43	17	9	12	5	2	1	0	0	0	0	0	0	243
(1)	.00	1.37	10.14	30.68	11.78	4.66	2.47	3.29	1.37	.55	.27	.00	.00	.00	.00	.00	.00	66.58
(2)	.00	.11	.83	2.51	.96	.38	.20	.27	.11	.04	.02	.00	.00	.00	.00	.00	.00	5.44
1.1- 1.5	1	2	26	68	7	1	1	2	3	0	1	0	0	0	0	0	0	112
(1)	.27	.55	7.12	18.63	1.92	.27	.27	.55	.82	.00	.27	.00	.00	.00	.00	.00	.00	30.68
(2)	.02	.04	.58	1.52	.16	.02	.02	.04	.07	.00	.02	.00	.00	.00	.00	.00	.00	2.51
1.6- 2.0	0	0	2	2	0	1	0	1	0	0	0	0	0	0	0	0	0	6
(1)	.00	.00	.55	.55	.00	.27	.00	.27	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.64
(2)	.00	.00	.04	.04	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13
2.1- 3.0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.27
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-46— {SSES 33' (10-m) 2001-2006 December JFD - continued}

(Page 2 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 8.18**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	1	7	65	184	51	19	11	15	8	2	2	0	0	0	0	0	0	365
(1)	.27	1.92	17.81	50.41	13.97	5.21	3.01	4.11	2.19	.55	.55	.00	.00	.00	.00	.00	.00	100.00
(2)	.02	.16	1.46	4.12	1.14	.43	.25	.34	.18	.04	.04	.00	.00	.00	.00	.00	.00	8.18

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-46— {SSES 33' (10-m) 2001-2006 December JFD - continued}

(Page 1 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	3	2	4	7	2	2	0	0	0	0	0	0	0	0	0	0	20
(1)	.00	.07	.04	.09	.16	.04	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.45
(2)	.00	.07	.04	.09	.16	.04	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.45
.5- 1.0	9	32	126	304	203	131	111	100	76	26	16	7	5	1	3	4	0	1154
(1)	.20	.72	2.82	6.81	4.55	2.93	2.49	2.24	1.70	.58	.36	.16	.11	.02	.07	.09	.00	25.85
(2)	.20	.72	2.82	6.81	4.55	2.93	2.49	2.24	1.70	.58	.36	.16	.11	.02	.07	.09	.00	25.85
1.1- 1.5	20	58	101	162	40	37	48	52	84	71	39	13	13	9	4	8	0	759
(1)	.45	1.30	2.26	3.63	.90	.83	1.08	1.16	1.88	1.59	.87	.29	.29	.20	.09	.18	.00	17.00
(2)	.45	1.30	2.26	3.63	.90	.83	1.08	1.16	1.88	1.59	.87	.29	.29	.20	.09	.18	.00	17.00
1.6- 2.0	24	40	42	22	10	9	19	38	54	90	40	22	12	6	8	7	0	443
(1)	.54	.90	.94	.49	.22	.20	.43	.85	1.21	2.02	.90	.49	.27	.13	.18	.16	.00	9.92
(2)	.54	.90	.94	.49	.22	.20	.43	.85	1.21	2.02	.90	.49	.27	.13	.18	.16	.00	9.92
2.1- 3.0	60	64	46	10	5	6	27	21	57	135	132	51	37	14	30	39	0	734
(1)	1.34	1.43	1.03	.22	.11	.13	.60	.47	1.28	3.02	2.96	1.14	.83	.31	.67	.87	.00	16.44
(2)	1.34	1.43	1.03	.22	.11	.13	.60	.47	1.28	3.02	2.96	1.14	.83	.31	.67	.87	.00	16.44
3.1- 4.0	39	30	14	8	4	5	8	7	11	38	161	43	42	30	56	70	0	566
(1)	.87	.67	.31	.18	.09	.11	.18	.16	.25	.85	3.61	.96	.94	.67	1.25	1.57	.00	12.68
(2)	.87	.67	.31	.18	.09	.11	.18	.16	.25	.85	3.61	.96	.94	.67	1.25	1.57	.00	12.68
4.1- 5.0	22	5	2	0	2	3	3	2	5	5	108	73	34	37	57	69	0	427
(1)	.49	.11	.04	.00	.04	.07	.07	.04	.11	.11	2.42	1.64	.76	.83	1.28	1.55	.00	9.57
(2)	.49	.11	.04	.00	.04	.07	.07	.04	.11	.11	2.42	1.64	.76	.83	1.28	1.55	.00	9.57
5.1- 6.0	3	0	0	0	1	3	3	3	2	1	47	68	23	10	40	50	0	254
(1)	.07	.00	.00	.00	.02	.07	.07	.07	.04	.02	1.05	1.52	.52	.22	.90	1.12	.00	5.69
(2)	.07	.00	.00	.00	.02	.07	.07	.07	.04	.02	1.05	1.52	.52	.22	.90	1.12	.00	5.69
6.1- 8.0	0	0	0	0	2	0	1	1	3	1	15	41	7	5	15	5	0	96

Table 2.3-46— {SSES 33' (10-m) 2001-2006 December JFD - continued}

(Page 2 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.04	.00	.02	.02	.07	.02	.34	.92	.16	.11	.34	.11	.00	2.15
(2)	.00	.00	.00	.00	.04	.00	.02	.02	.07	.02	.34	.92	.16	.11	.34	.11	.00	2.15
8.1-10.0	0	0	0	0	0	0	0	0	2	0	0	8	0	0	0	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.18	.00	.00	.00	.00	.00	.22
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.18	.00	.00	.00	.00	.00	.22
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
ALL SPEEDS	177	232	333	510	274	196	222	224	294	367	558	327	173	112	213	252	0	4464
(1)	3.97	5.20	7.46	11.42	6.14	4.39	4.97	5.02	6.59	8.22	12.50	7.33	3.88	2.51	4.77	5.65	.00	100.00
(2)	3.97	5.20	7.46	11.42	6.14	4.39	4.97	5.02	6.59	8.22	12.50	7.33	3.88	2.51	4.77	5.65	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-47— {SSES 197' (60-m) 2001-2006 January JFD}

(Page 1 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 1.84**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
1.1- 1.5	0	0	1	1	1	0	1	1	1	0	0	1	0	0	0	0	0	7
(1)	.00	.00	1.22	1.22	1.22	.00	1.22	1.22	1.22	.00	.00	1.22	.00	.00	.00	.00	.00	8.54
(2)	.00	.00	.02	.02	.02	.00	.02	.02	.02	.00	.00	.02	.00	.00	.00	.00	.00	.16
1.6- 2.0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	1.22	3.66	1.22	.00	.00	.00	.00	.00	.00	6.10
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.07	.02	.00	.00	.00	.00	.00	.00	.11
2.1- 3.0	0	0	0	0	0	0	0	1	1	4	7	1	0	0	0	0	0	14
(1)	.00	.00	.00	.00	.00	.00	.00	1.22	1.22	4.88	8.54	1.22	.00	.00	.00	.00	.00	17.07
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.02	.09	.16	.02	.00	.00	.00	.00	.00	.31
3.1- 4.0	0	0	0	0	0	0	0	0	0	5	6	1	0	0	0	0	0	12
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.10	7.32	1.22	.00	.00	.00	.00	.00	14.63
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.13	.02	.00	.00	.00	.00	.00	.27
4.1- 5.0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.44	2.44	1.22	.00	.00	.00	.00	.00	6.10
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.04	.02	.00	.00	.00	.00	.00	.11
5.1- 6.0	0	0	0	0	0	0	0	0	0	1	14	3	1	0	0	0	0	19
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.22	17.07	3.66	1.22	.00	.00	.00	.00	23.17
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.31	.07	.02	.00	.00	.00	.00	.43
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	4	10	2	0	0	0	0	16

Table 2.3-47— {SSES 197' (60-m) 2001-2006 January JFD}

(Page 2 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 1.84**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.88	12.20	2.44	.00	.00	.00	.00	19.51
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.22	.04	.00	.00	.00	.00	.36
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.88	.00	.00	.00	.00	.00	4.88
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.09
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	0	1	1	1	0	1	2	3	15	34	21	3	0	0	0	0	82
(1)	.00	.00	1.22	1.22	1.22	.00	1.22	2.44	3.66	18.29	41.46	25.61	3.66	.00	.00	.00	.00	100.00
(2)	.00	.00	.02	.02	.02	.00	.02	.04	.07	.34	.76	.47	.07	.00	.00	.00	.00	1.84

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-47— {SSES 197' (60-m) 2001-2006 January JFD - continued}

(Page 1 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 1.66**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.35	.00	1.35
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02
1.1- 1.5	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	1.35	.00	.00	1.35	.00	1.35	.00	.00	.00	.00	.00	.00	.00	4.05
(2)	.00	.00	.00	.00	.02	.00	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.07
1.6- 2.0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	1.35	.00	1.35	1.35	.00	1.35	.00	.00	.00	.00	.00	.00	5.41
(2)	.00	.00	.00	.00	.00	.02	.00	.02	.02	.00	.02	.00	.00	.00	.00	.00	.00	.09
2.1- 3.0	0	0	2	0	0	0	0	0	0	2	4	2	0	1	0	0	0	11
(1)	.00	.00	2.70	.00	.00	.00	.00	.00	.00	2.70	5.41	2.70	.00	1.35	.00	.00	.00	14.86
(2)	.00	.00	.04	.00	.00	.00	.00	.00	.00	.04	.09	.04	.00	.02	.00	.00	.00	.25
3.1- 4.0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.35	1.35	1.35	1.35	.00	1.35	.00	.00	6.76
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.02	.00	.02	.00	.00	.11
4.1- 5.0	1	0	1	0	0	0	0	0	0	0	3	0	3	0	0	0	0	8
(1)	1.35	.00	1.35	.00	.00	.00	.00	.00	.00	.00	4.05	.00	4.05	.00	.00	.00	.00	10.81
(2)	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.07	.00	.07	.00	.00	.00	.00	.18
5.1- 6.0	1	6	1	0	0	0	0	0	0	0	5	2	3	1	0	0	0	19
(1)	1.35	8.11	1.35	.00	.00	.00	.00	.00	.00	.00	6.76	2.70	4.05	1.35	.00	.00	.00	25.68
(2)	.02	.13	.02	.00	.00	.00	.00	.00	.00	.00	.11	.04	.07	.02	.00	.00	.00	.43
6.1- 8.0	0	2	0	0	0	0	0	0	0	0	2	17	1	0	0	0	0	22

Table 2.3-47— {SSES 197' (60-m) 2001-2006 January JFD - continued}
(Page 2 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 1.66

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	2.70	.00	.00	.00	.00	.00	.00	.00	.00	2.70	22.97	1.35	.00	.00	.00	.00	29.73
(2)	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00	.04	.38	.02	.00	.00	.00	.00	.49
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.35	.00	.00	.00	.00	1.35
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	2	8	4	0	1	1	0	2	1	4	16	22	9	2	1	1	0	74
(1)	2.70	10.81	5.41	.00	1.35	1.35	.00	2.70	1.35	5.41	21.62	29.73	12.16	2.70	1.35	1.35	.00	100.00
(2)	.04	.18	.09	.00	.02	.02	.00	.04	.02	.09	.36	.49	.20	.04	.02	.02	.00	1.66

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-47— {SSES 197' (60-m) 2001-2006 January JFD - continued}

(Page 1 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 2.49**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.90	.00	.00	.90	.90	.90	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.60
(2)	.00	.02	.00	.00	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
1.1- 1.5	0	0	0	0	0	1	0	0	2	4	1	0	0	0	0	0	0	8
(1)	.00	.00	.00	.00	.00	.90	.00	.00	1.80	3.60	.90	.00	.00	.00	.00	.00	.00	7.21
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.04	.09	.02	.00	.00	.00	.00	.00	.00	.18
1.6- 2.0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.90	.00	.00	.00	.00	.00	.90	.00	.00	.00	.00	.00	.00	1.80
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.04
2.1- 3.0	0	1	1	0	0	0	0	0	2	4	4	1	0	1	0	2	0	16
(1)	.00	.90	.90	.00	.00	.00	.00	.00	1.80	3.60	3.60	.90	.00	.90	.00	1.80	.00	14.41
(2)	.00	.02	.02	.00	.00	.00	.00	.00	.04	.09	.09	.02	.00	.02	.00	.04	.00	.36
3.1- 4.0	0	3	0	0	0	0	0	0	0	0	3	2	1	0	0	0	0	9
(1)	.00	2.70	.00	.00	.00	.00	.00	.00	.00	.00	2.70	1.80	.90	.00	.00	.00	.00	8.11
(2)	.00	.07	.00	.00	.00	.00	.00	.00	.00	.00	.07	.04	.02	.00	.00	.00	.00	.20
4.1- 5.0	2	3	0	0	0	0	0	0	0	0	2	5	1	2	1	2	0	18
(1)	1.80	2.70	.00	.00	.00	.00	.00	.00	.00	.00	1.80	4.50	.90	1.80	.90	1.80	.00	16.22
(2)	.04	.07	.00	.00	.00	.00	.00	.00	.00	.00	.04	.11	.02	.04	.02	.04	.00	.40
5.1- 6.0	3	2	0	0	0	0	0	0	0	0	5	5	1	0	1	3	0	20
(1)	2.70	1.80	.00	.00	.00	.00	.00	.00	.00	.00	4.50	4.50	.90	.00	.90	2.70	.00	18.02
(2)	.07	.04	.00	.00	.00	.00	.00	.00	.00	.00	.11	.11	.02	.00	.02	.07	.00	.45
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	7	16	7	1	0	1	0	32

Table 2.3-47— {SSES 197' (60-m) 2001-2006 January JFD - continued}
(Page 2 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 2.49**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.31	14.41	6.31	.90	.00	.90	.00	28.83
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16	.36	.16	.02	.00	.02	.00	.72
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.90	.90	.00	.00	.00	.00	1.80
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.04
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	5	10	1	0	2	2	1	0	4	8	23	30	11	4	2	8	0	111
(1)	4.50	9.01	.90	.00	1.80	1.80	.90	.00	3.60	7.21	20.72	27.03	9.91	3.60	1.80	7.21	.00	100.00
(2)	.11	.22	.02	.00	.04	.04	.02	.00	.09	.18	.52	.67	.25	.09	.04	.18	.00	2.49

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-47— {SSES 197' (60-m) 2001-2006 January JFD - continued}

(Page 1 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 50.31**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	3
(1)	.00	.00	.00	.00	.04	.00	.00	.04	.00	.00	.00	.00	.04	.00	.00	.00	.00	.13
(2)	.00	.00	.00	.00	.02	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.00	.00	.07
.5- 1.0	2	4	12	12	6	13	9	5	7	10	9	1	0	0	1	1	0	92
(1)	.09	.18	.53	.53	.27	.58	.40	.22	.31	.45	.40	.04	.00	.00	.04	.04	.00	4.10
(2)	.04	.09	.27	.27	.13	.29	.20	.11	.16	.22	.20	.02	.00	.00	.02	.02	.00	2.06
1.1- 1.5	2	9	11	9	7	3	6	14	16	13	12	2	0	2	1	2	0	109
(1)	.09	.40	.49	.40	.31	.13	.27	.62	.71	.58	.53	.09	.00	.09	.04	.09	.00	4.85
(2)	.04	.20	.25	.20	.16	.07	.13	.31	.36	.29	.27	.04	.00	.04	.02	.04	.00	2.44
1.6- 2.0	6	8	14	6	5	4	5	5	14	17	21	11	5	1	1	4	0	127
(1)	.27	.36	.62	.27	.22	.18	.22	.22	.62	.76	.93	.49	.22	.04	.04	.18	.00	5.65
(2)	.13	.18	.31	.13	.11	.09	.11	.11	.31	.38	.47	.25	.11	.02	.02	.09	.00	2.84
2.1- 3.0	27	32	22	8	5	5	19	7	10	24	55	21	16	14	7	11	0	283
(1)	1.20	1.42	.98	.36	.22	.22	.85	.31	.45	1.07	2.45	.93	.71	.62	.31	.49	.00	12.60
(2)	.60	.72	.49	.18	.11	.11	.43	.16	.22	.54	1.23	.47	.36	.31	.16	.25	.00	6.34
3.1- 4.0	51	29	36	6	5	5	5	12	7	16	27	25	30	27	31	36	0	348
(1)	2.27	1.29	1.60	.27	.22	.22	.22	.53	.31	.71	1.20	1.11	1.34	1.20	1.38	1.60	.00	15.49
(2)	1.14	.65	.81	.13	.11	.11	.11	.27	.16	.36	.60	.56	.67	.60	.69	.81	.00	7.80
4.1- 5.0	54	27	21	2	2	3	4	7	8	21	39	41	29	21	45	68	0	392
(1)	2.40	1.20	.93	.09	.09	.13	.18	.31	.36	.93	1.74	1.83	1.29	.93	2.00	3.03	.00	17.45
(2)	1.21	.60	.47	.04	.04	.07	.09	.16	.18	.47	.87	.92	.65	.47	1.01	1.52	.00	8.78
5.1- 6.0	21	26	14	0	0	3	1	2	2	19	32	91	36	35	42	52	0	376
(1)	.93	1.16	.62	.00	.00	.13	.04	.09	.09	.85	1.42	4.05	1.60	1.56	1.87	2.32	.00	16.74
(2)	.47	.58	.31	.00	.00	.07	.02	.04	.04	.43	.72	2.04	.81	.78	.94	1.16	.00	8.42
6.1- 8.0	13	9	7	0	0	0	3	3	0	9	23	176	43	24	55	41	0	406

Table 2.3-47— {SSES 197' (60-m) 2001-2006 January JFD - continued}
(Page 2 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 50.31**
WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.58	.40	.31	.00	.00	.00	.13	.13	.00	.40	1.02	7.84	1.91	1.07	2.45	1.83	.00	18.08
(2)	.29	.20	.16	.00	.00	.00	.07	.07	.00	.20	.52	3.94	.96	.54	1.23	.92	.00	9.09
8.1-10.0	2	0	0	0	0	0	1	0	0	1	2	49	18	2	4	16	0	95
(1)	.09	.00	.00	.00	.00	.00	.04	.00	.00	.04	.09	2.18	.80	.09	.18	.71	.00	4.23
(2)	.04	.00	.00	.00	.00	.00	.02	.00	.00	.02	.04	1.10	.40	.04	.09	.36	.00	2.13
10.1-40.3	0	0	0	0	0	2	1	0	0	1	1	8	1	1	0	0	0	15
(1)	.00	.00	.00	.00	.00	.09	.04	.00	.00	.04	.04	.36	.04	.04	.00	.00	.00	.67
(2)	.00	.00	.00	.00	.00	.04	.02	.00	.00	.02	.02	.18	.02	.02	.00	.00	.00	.34
ALL SPEEDS	178	144	137	43	31	38	54	56	64	131	221	425	179	127	187	231	0	2246
(1)	7.93	6.41	6.10	1.91	1.38	1.69	2.40	2.49	2.85	5.83	9.84	18.92	7.97	5.65	8.33	10.28	.00	100.00
(2)	3.99	3.23	3.07	.96	.69	.85	1.21	1.25	1.43	2.93	4.95	9.52	4.01	2.84	4.19	5.17	.00	50.31

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-47— {SSES 197' (60-m) 2001-2006 January JFD - continued}

(Page 1 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.49**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	1	8	15	7	7	15	15	8	17	8	4	3	4	0	2	3	0	117
(1)	.08	.63	1.18	.55	.55	1.18	1.18	.63	1.34	.63	.31	.24	.31	.00	.16	.24	.00	9.20
(2)	.02	.18	.34	.16	.16	.34	.34	.18	.38	.18	.09	.07	.09	.00	.04	.07	.00	2.62
1.1- 1.5	8	15	19	9	7	10	16	25	20	11	13	3	4	0	3	4	0	167
(1)	.63	1.18	1.49	.71	.55	.79	1.26	1.97	1.57	.86	1.02	.24	.31	.00	.24	.31	.00	13.13
(2)	.18	.34	.43	.20	.16	.22	.36	.56	.45	.25	.29	.07	.09	.00	.07	.09	.00	3.74
1.6- 2.0	14	17	11	9	6	6	8	6	19	20	17	7	4	0	2	4	0	150
(1)	1.10	1.34	.86	.71	.47	.47	.63	.47	1.49	1.57	1.34	.55	.31	.00	.16	.31	.00	11.79
(2)	.31	.38	.25	.20	.13	.13	.18	.13	.43	.45	.38	.16	.09	.00	.04	.09	.00	3.36
2.1- 3.0	23	41	25	12	8	6	8	6	14	26	40	11	16	13	9	5	0	263
(1)	1.81	3.22	1.97	.94	.63	.47	.63	.47	1.10	2.04	3.14	.86	1.26	1.02	.71	.39	.00	20.68
(2)	.52	.92	.56	.27	.18	.13	.18	.13	.31	.58	.90	.25	.36	.29	.20	.11	.00	5.89
3.1- 4.0	15	29	19	4	8	7	3	1	9	18	33	28	11	3	12	12	0	212
(1)	1.18	2.28	1.49	.31	.63	.55	.24	.08	.71	1.42	2.59	2.20	.86	.24	.94	.94	.00	16.67
(2)	.34	.65	.43	.09	.18	.16	.07	.02	.20	.40	.74	.63	.25	.07	.27	.27	.00	4.75
4.1- 5.0	10	12	11	1	1	1	0	4	1	15	40	35	4	2	7	11	0	155
(1)	.79	.94	.86	.08	.08	.08	.00	.31	.08	1.18	3.14	2.75	.31	.16	.55	.86	.00	12.19
(2)	.22	.27	.25	.02	.02	.02	.00	.09	.02	.34	.90	.78	.09	.04	.16	.25	.00	3.47
5.1- 6.0	5	12	9	0	0	1	0	0	3	5	18	50	1	0	6	1	0	111
(1)	.39	.94	.71	.00	.00	.08	.00	.00	.24	.39	1.42	3.93	.08	.00	.47	.08	.00	8.73
(2)	.11	.27	.20	.00	.00	.02	.00	.00	.07	.11	.40	1.12	.02	.00	.13	.02	.00	2.49
6.1- 8.0	1	5	5	0	0	0	0	1	3	10	13	32	4	1	0	0	0	75

Table 2.3-47— {SSES 197' (60-m) 2001-2006 January JFD - continued}

(Page 2 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.49**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.08	.39	.39	.00	.00	.00	.00	.08	.24	.79	1.02	2.52	.31	.08	.00	.00	.00	5.90
(2)	.02	.11	.11	.00	.00	.00	.00	.02	.07	.22	.29	.72	.09	.02	.00	.00	.00	1.68
8.1-10.0	0	2	0	0	0	0	0	1	1	3	2	2	3	0	0	0	0	14
(1)	.00	.16	.00	.00	.00	.00	.00	.08	.08	.24	.16	.16	.24	.00	.00	.00	.00	1.10
(2)	.00	.04	.00	.00	.00	.00	.00	.02	.02	.07	.04	.04	.07	.00	.00	.00	.00	.31
10.1-40.3	0	0	0	0	0	0	1	1	2	3	0	0	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.08	.08	.16	.24	.00	.00	.00	.00	.00	.00	.00	.55
(2)	.00	.00	.00	.00	.00	.00	.02	.02	.04	.07	.00	.00	.00	.00	.00	.00	.00	.16
ALL SPEEDS	77	141	114	42	37	47	51	53	89	119	180	171	51	19	41	40	0	1272
(1)	6.05	11.08	8.96	3.30	2.91	3.69	4.01	4.17	7.00	9.36	14.15	13.44	4.01	1.49	3.22	3.14	.00	100.00
(2)	1.72	3.16	2.55	.94	.83	1.05	1.14	1.19	1.99	2.67	4.03	3.83	1.14	.43	.92	.90	.00	28.49

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-47— {SSES 197' (60-m) 2001-2006 January JFD - continued}

(Page 1 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 8.49**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	3	10	8	10	8	8	8	2	0	3	0	1	1	0	0	1	0	63
(1)	.79	2.64	2.11	2.64	2.11	2.11	2.11	.53	.00	.79	.00	.26	.26	.00	.00	.26	.00	16.62
(2)	.07	.22	.18	.22	.18	.18	.18	.04	.00	.07	.00	.02	.02	.00	.00	.02	.00	1.41
1.1- 1.5	8	18	29	10	10	5	3	3	6	5	2	1	1	0	0	1	0	102
(1)	2.11	4.75	7.65	2.64	2.64	1.32	.79	.79	1.58	1.32	.53	.26	.26	.00	.00	.26	.00	26.91
(2)	.18	.40	.65	.22	.22	.11	.07	.07	.13	.11	.04	.02	.02	.00	.00	.02	.00	2.28
1.6- 2.0	5	24	10	5	2	1	1	1	9	6	2	1	0	0	1	2	0	70
(1)	1.32	6.33	2.64	1.32	.53	.26	.26	.26	2.37	1.58	.53	.26	.00	.00	.26	.53	.00	18.47
(2)	.11	.54	.22	.11	.04	.02	.02	.02	.20	.13	.04	.02	.00	.00	.02	.04	.00	1.57
2.1- 3.0	7	21	6	0	1	0	1	2	7	5	18	1	1	2	1	0	0	73
(1)	1.85	5.54	1.58	.00	.26	.00	.26	.53	1.85	1.32	4.75	.26	.26	.53	.26	.00	.00	19.26
(2)	.16	.47	.13	.00	.02	.00	.02	.04	.16	.11	.40	.02	.02	.04	.02	.00	.00	1.64
3.1- 4.0	0	1	1	0	0	0	0	0	0	5	18	6	1	1	1	0	0	34
(1)	.00	.26	.26	.00	.00	.00	.00	.00	.00	1.32	4.75	1.58	.26	.26	.26	.00	.00	8.97
(2)	.00	.02	.02	.00	.00	.00	.00	.00	.00	.11	.40	.13	.02	.02	.02	.00	.00	.76
4.1- 5.0	0	0	0	0	0	0	0	0	2	0	6	14	0	0	1	0	0	23
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.53	.00	1.58	3.69	.00	.00	.26	.00	.00	6.07
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.13	.31	.00	.00	.02	.00	.00	.52
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	2	6	0	0	0	0	0	8
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.53	1.58	.00	.00	.00	.00	.00	2.11
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.13	.00	.00	.00	.00	.00	.18
6.1- 8.0	0	0	0	0	0	0	0	0	1	0	1	4	0	0	0	0	0	6

Table 2.3-47— {SSES 197' (60-m) 2001-2006 January JFD - continued}
(Page 2 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 8.49**
WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.26	.00	.26	1.06	.00	.00	.00	.00	.00	1.58
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.09	.00	.00	.00	.00	.00	.13
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	23	74	54	25	21	14	13	8	25	24	49	34	4	3	4	4	0	379
(1)	6.07	19.53	14.25	6.60	5.54	3.69	3.43	2.11	6.60	6.33	12.93	8.97	1.06	.79	1.06	1.06	.00	100.00
(2)	.52	1.66	1.21	.56	.47	.31	.29	.18	.56	.54	1.10	.76	.09	.07	.09	.09	.00	8.49

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-47— {SSES 197' (60-m) 2001-2006 January JFD - continued}

(Page 1 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS G — CLASS FREQUENCY (PERCENT) = 6.72

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	2	2	4	6	2	2	4	2	1	0	0	0	0	0	0	0	0	25
(1)	.67	.67	1.33	2.00	.67	.67	1.33	.67	.33	.00	.00	.00	.00	.00	.00	.00	.00	8.33
(2)	.04	.04	.09	.13	.04	.04	.09	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.56
1.1- 1.5	0	21	26	5	6	10	4	5	4	2	0	1	0	1	0	0	0	85
(1)	.00	7.00	8.67	1.67	2.00	3.33	1.33	1.67	1.33	.67	.00	.33	.00	.33	.00	.00	.00	28.33
(2)	.00	.47	.58	.11	.13	.22	.09	.11	.09	.04	.00	.02	.00	.02	.00	.00	.00	1.90
1.6- 2.0	15	37	14	2	0	0	2	4	7	6	3	0	0	0	0	0	0	90
(1)	5.00	12.33	4.67	.67	.00	.00	.67	1.33	2.33	2.00	1.00	.00	.00	.00	.00	.00	.00	30.00
(2)	.34	.83	.31	.04	.00	.00	.04	.09	.16	.13	.07	.00	.00	.00	.00	.00	.00	2.02
2.1- 3.0	14	15	3	1	0	1	0	1	7	9	7	1	0	0	0	0	0	59
(1)	4.67	5.00	1.00	.33	.00	.33	.00	.33	2.33	3.00	2.33	.33	.00	.00	.00	.00	.00	19.67
(2)	.31	.34	.07	.02	.00	.02	.00	.02	.16	.20	.16	.02	.00	.00	.00	.00	.00	1.32
3.1- 4.0	2	0	0	0	0	0	0	0	1	6	6	3	0	0	1	0	0	19
(1)	.67	.00	.00	.00	.00	.00	.00	.00	.33	2.00	2.00	1.00	.00	.00	.33	.00	.00	6.33
(2)	.04	.00	.00	.00	.00	.00	.00	.00	.02	.13	.13	.07	.00	.00	.02	.00	.00	.43
4.1- 5.0	0	0	0	0	0	0	0	0	1	5	1	4	0	0	0	0	0	11
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.33	1.67	.33	1.33	.00	.00	.00	.00	.00	3.67
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.11	.02	.09	.00	.00	.00	.00	.00	.25
5.1- 6.0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.33	.33	.00	.67	.00	.00	.00	.00	.00	1.33
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.04	.00	.00	.00	.00	.00	.09
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	1	6	0	0	0	0	0	7

Table 2.3-47— {SSES 197' (60-m) 2001-2006 January JFD - continued}

(Page 2 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 6.72**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.33	2.00	.00	.00	.00	.00	.00	2.33
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.13	.00	.00	.00	.00	.00	.16
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	33	75	47	14	8	13	10	12	22	29	18	17	0	1	1	0	0	300
(1)	11.00	25.00	15.67	4.67	2.67	4.33	3.33	4.00	7.33	9.67	6.00	5.67	.00	.33	.33	.00	.00	100.00
(2)	.74	1.68	1.05	.31	.18	.29	.22	.27	.49	.65	.40	.38	.00	.02	.02	.00	.00	6.72

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-47— {SSES 197' (60-m) 2001-2006 January JFD - continued}
(Page 1 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	1	1	0	1	0	0	0	0	1	0	0	0	0	4
(1)	.00	.00	.00	.00	.02	.02	.00	.02	.00	.00	.00	.00	.02	.00	.00	.00	.00	.09
(2)	.00	.00	.00	.00	.02	.02	.00	.02	.00	.00	.00	.00	.02	.00	.00	.00	.00	.09
.5- 1.0	8	25	39	35	24	39	37	17	25	21	13	5	5	0	3	6	0	302
(1)	.18	.56	.87	.78	.54	.87	.83	.38	.56	.47	.29	.11	.11	.00	.07	.13	.00	6.77
(2)	.18	.56	.87	.78	.54	.87	.83	.38	.56	.47	.29	.11	.11	.00	.07	.13	.00	6.77
1.1- 1.5	18	63	86	34	32	29	30	49	49	36	28	8	5	3	4	7	0	481
(1)	.40	1.41	1.93	.76	.72	.65	.67	1.10	1.10	.81	.63	.18	.11	.07	.09	.16	.00	10.78
(2)	.40	1.41	1.93	.76	.72	.65	.67	1.10	1.10	.81	.63	.18	.11	.07	.09	.16	.00	10.78
1.6- 2.0	40	86	49	22	14	12	16	17	51	52	46	19	9	1	4	10	0	448
(1)	.90	1.93	1.10	.49	.31	.27	.36	.38	1.14	1.16	1.03	.43	.20	.02	.09	.22	.00	10.04
(2)	.90	1.93	1.10	.49	.31	.27	.36	.38	1.14	1.16	1.03	.43	.20	.02	.09	.22	.00	10.04
2.1- 3.0	71	110	59	21	14	12	28	17	41	74	135	38	33	31	17	18	0	719
(1)	1.59	2.46	1.32	.47	.31	.27	.63	.38	.92	1.66	3.02	.85	.74	.69	.38	.40	.00	16.11
(2)	1.59	2.46	1.32	.47	.31	.27	.63	.38	.92	1.66	3.02	.85	.74	.69	.38	.40	.00	16.11
3.1- 4.0	68	62	56	10	13	12	8	13	17	51	94	66	44	31	46	48	0	639
(1)	1.52	1.39	1.25	.22	.29	.27	.18	.29	.38	1.14	2.11	1.48	.99	.69	1.03	1.08	.00	14.31
(2)	1.52	1.39	1.25	.22	.29	.27	.18	.29	.38	1.14	2.11	1.48	.99	.69	1.03	1.08	.00	14.31
4.1- 5.0	67	42	33	3	3	4	4	11	12	43	93	100	37	25	54	81	0	612
(1)	1.50	.94	.74	.07	.07	.09	.09	.25	.27	.96	2.08	2.24	.83	.56	1.21	1.81	.00	13.71
(2)	1.50	.94	.74	.07	.07	.09	.09	.25	.27	.96	2.08	2.24	.83	.56	1.21	1.81	.00	13.71
5.1- 6.0	30	46	24	0	0	4	1	2	6	26	76	159	42	36	49	56	0	557
(1)	.67	1.03	.54	.00	.00	.09	.02	.04	.13	.58	1.70	3.56	.94	.81	1.10	1.25	.00	12.48
(2)	.67	1.03	.54	.00	.00	.09	.02	.04	.13	.58	1.70	3.56	.94	.81	1.10	1.25	.00	12.48
6.1- 8.0	14	16	12	0	0	0	3	4	4	19	51	261	57	26	55	42	0	564

Table 2.3-47— {SSES 197' (60-m) 2001-2006 January JFD - continued}
(Page 2 of 2)

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**
WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.31	.36	.27	.00	.00	.00	.07	.09	.09	.43	1.14	5.85	1.28	.58	1.23	.94	.00	12.63
(2)	.31	.36	.27	.00	.00	.00	.07	.09	.09	.43	1.14	5.85	1.28	.58	1.23	.94	.00	12.63
8.1-10.0	2	2	0	0	0	0	1	1	1	4	4	56	23	2	4	16	0	116
(1)	.04	.04	.00	.00	.00	.00	.02	.02	.02	.09	.09	1.25	.52	.04	.09	.36	.00	2.60
(2)	.04	.04	.00	.00	.00	.00	.02	.02	.02	.09	.09	1.25	.52	.04	.09	.36	.00	2.60
10.1-40.3	0	0	0	0	0	2	2	1	2	4	1	8	1	1	0	0	0	22
(1)	.00	.00	.00	.00	.00	.04	.04	.02	.04	.09	.02	.18	.02	.02	.00	.00	.00	.49
(2)	.00	.00	.00	.00	.00	.04	.04	.02	.04	.09	.02	.18	.02	.02	.00	.00	.00	.49
ALL SPEEDS	318	452	358	125	101	115	130	133	208	330	541	720	257	156	236	284	0	4464
(1)	7.12	10.13	8.02	2.80	2.26	2.58	2.91	2.98	4.66	7.39	12.12	16.13	5.76	3.49	5.29	6.36	.00	100.00
(2)	7.12	10.13	8.02	2.80	2.26	2.58	2.91	2.98	4.66	7.39	12.12	16.13	5.76	3.49	5.29	6.36	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-48— {SSES 197' (60-m) 2001-2006 February JFD}

(Page 1 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA   STABILITY CLASS A   CLASS FREQUENCY (PERCENT) = 3.77

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.65	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.65
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
1.1- 1.5	0	0	0	1	0	0	0	0	1	1	0	1	0	0	0	0	0	4
(1)	.00	.00	.00	.65	.00	.00	.00	.00	.65	.65	.00	.65	.00	.00	.00	.00	.00	2.61
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.02	.02	.00	.02	.00	.00	.00	.00	.00	.10
1.6- 2.0	0	0	2	0	0	0	1	0	0	5	4	0	0	0	0	0	0	12
(1)	.00	.00	1.31	.00	.00	.00	.65	.00	.00	3.27	2.61	.00	.00	.00	.00	.00	.00	7.84
(2)	.00	.00	.05	.00	.00	.00	.02	.00	.00	.12	.10	.00	.00	.00	.00	.00	.00	.30
2.1- 3.0	0	1	3	0	0	2	1	1	1	9	9	1	0	0	0	0	0	28
(1)	.00	.65	1.96	.00	.00	1.31	.65	.65	.65	5.88	5.88	.65	.00	.00	.00	.00	.00	18.30
(2)	.00	.02	.07	.00	.00	.05	.02	.02	.02	.22	.22	.02	.00	.00	.00	.00	.00	.69
3.1- 4.0	0	0	4	1	0	0	0	1	0	1	14	1	3	0	0	0	0	25
(1)	.00	.00	2.61	.65	.00	.00	.00	.65	.00	.65	9.15	.65	1.96	.00	.00	.00	.00	16.34
(2)	.00	.00	.10	.02	.00	.00	.00	.02	.00	.02	.35	.02	.07	.00	.00	.00	.00	.62
4.1- 5.0	0	0	1	0	0	0	2	2	0	1	9	3	0	0	0	0	0	18
(1)	.00	.00	.65	.00	.00	.00	1.31	1.31	.00	.65	5.88	1.96	.00	.00	.00	.00	.00	11.76
(2)	.00	.00	.02	.00	.00	.00	.05	.05	.00	.02	.22	.07	.00	.00	.00	.00	.00	.44
5.1- 6.0	0	1	0	0	0	0	0	1	1	2	9	5	3	1	0	0	0	23
(1)	.00	.65	.00	.00	.00	.00	.00	.65	.65	1.31	5.88	3.27	1.96	.65	.00	.00	.00	15.03
(2)	.00	.02	.00	.00	.00	.00	.00	.02	.02	.05	.22	.12	.07	.02	.00	.00	.00	.57
6.1- 8.0	0	2	0	0	0	0	0	0	3	4	14	14	0	0	0	0	0	37

Table 2.3-48— {SSES 197' (60-m) 2001-2006 February JFD}

(Page 2 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 3.77**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	1.31	.00	.00	.00	.00	.00	.00	1.96	2.61	9.15	9.15	.00	.00	.00	.00	.00	24.18
(2)	.00	.05	.00	.00	.00	.00	.00	.00	.07	.10	.35	.35	.00	.00	.00	.00	.00	.91
8.1-10.0	0	0	0	0	0	0	0	0	0	1	0	4	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.65	.00	2.61	.00	.00	.00	.00	.00	3.27
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.10	.00	.00	.00	.00	.00	.12
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	4	10	2	0	3	4	5	6	24	59	29	6	1	0	0	0	153
(1)	.00	2.61	6.54	1.31	.00	1.96	2.61	3.27	3.92	15.69	38.56	18.95	3.92	.65	.00	.00	.00	100.00
(2)	.00	.10	.25	.05	.00	.07	.10	.12	.15	.59	1.45	.71	.15	.02	.00	.00	.00	3.77

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-48— {SSES 197' (60-m) 2001-2006 February JFD - continued}
(Page 1 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.16**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.78	.78	.00	.00	.78	.78	.00	.00	.00	.00	.00	.00	.00	3.13
(2)	.00	.00	.00	.00	.02	.02	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.10
1.1- 1.5	0	0	1	1	0	0	1	0	1	0	1	0	0	0	0	0	0	5
(1)	.00	.00	.78	.78	.00	.00	.78	.00	.78	.00	.78	.00	.00	.00	.00	.00	.00	3.91
(2)	.00	.00	.02	.02	.00	.00	.02	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.12
1.6- 2.0	0	0	2	0	0	0	1	0	0	2	1	0	0	0	0	0	0	6
(1)	.00	.00	1.56	.00	.00	.00	.78	.00	.00	1.56	.78	.00	.00	.00	.00	.00	.00	4.69
(2)	.00	.00	.05	.00	.00	.00	.02	.00	.00	.05	.02	.00	.00	.00	.00	.00	.00	.15
2.1- 3.0	0	1	2	0	1	0	1	0	0	2	5	1	0	0	1	1	0	15
(1)	.00	.78	1.56	.00	.78	.00	.78	.00	.00	1.56	3.91	.78	.00	.00	.78	.78	.00	11.72
(2)	.00	.02	.05	.00	.02	.00	.02	.00	.00	.05	.12	.02	.00	.00	.02	.02	.00	.37
3.1- 4.0	1	2	4	0	1	0	0	1	1	0	1	1	0	0	0	0	0	12
(1)	.78	1.56	3.13	.00	.78	.00	.00	.78	.78	.00	.78	.78	.00	.00	.00	.00	.00	9.38
(2)	.02	.05	.10	.00	.02	.00	.00	.02	.02	.00	.02	.02	.00	.00	.00	.00	.00	.30
4.1- 5.0	3	1	3	0	0	0	0	0	0	0	8	3	0	0	1	0	0	19
(1)	2.34	.78	2.34	.00	.00	.00	.00	.00	.00	.00	6.25	2.34	.00	.00	.78	.00	.00	14.84
(2)	.07	.02	.07	.00	.00	.00	.00	.00	.00	.00	.20	.07	.00	.00	.02	.00	.00	.47
5.1- 6.0	1	5	2	0	0	0	0	0	1	3	4	7	2	0	0	0	0	25
(1)	.78	3.91	1.56	.00	.00	.00	.00	.00	.78	2.34	3.13	5.47	1.56	.00	.00	.00	.00	19.53
(2)	.02	.12	.05	.00	.00	.00	.00	.00	.02	.07	.10	.17	.05	.00	.00	.00	.00	.62
6.1- 8.0	0	0	1	0	0	0	0	0	0	3	15	17	0	0	0	0	0	36

Table 2.3-48— {SSES 197' (60-m) 2001-2006 February JFD - continued}

(Page 2 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.16**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.78	.00	.00	.00	.00	.00	.00	2.34	11.72	13.28	.00	.00	.00	.00	.00	28.13
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.07	.37	.42	.00	.00	.00	.00	.00	.89
8.1-10.0	0	0	0	0	0	0	0	0	0	2	1	3	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.56	.78	2.34	.00	.00	.00	.00	.00	4.69
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.02	.07	.00	.00	.00	.00	.00	.15
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	5	9	15	1	3	1	3	1	4	13	36	32	2	0	2	1	0	128
(1)	3.91	7.03	11.72	.78	2.34	.78	2.34	.78	3.13	10.16	28.13	25.00	1.56	.00	1.56	.78	.00	100.00
(2)	.12	.22	.37	.02	.07	.02	.07	.02	.10	.32	.89	.79	.05	.00	.05	.02	.00	3.16

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-48— {SSES 197' (60-m) 2001-2006 February JFD - continued}

(Page 1 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 4.14

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.60	.00	.00	.60	.00	.60	.60	.00	.00	.00	.00	.00	.00	.00	.00	2.38
(2)	.00	.00	.02	.00	.00	.02	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.10
1.1- 1.5	0	0	1	1	4	0	0	1	1	1	1	0	1	0	0	0	0	11
(1)	.00	.00	.60	.60	2.38	.00	.00	.60	.60	.60	.60	.00	.60	.00	.00	.00	.00	6.55
(2)	.00	.00	.02	.02	.10	.00	.00	.02	.02	.02	.02	.00	.02	.00	.00	.00	.00	.27
1.6- 2.0	0	2	2	3	2	0	0	0	1	1	2	0	1	0	0	0	0	14
(1)	.00	1.19	1.19	1.79	1.19	.00	.00	.00	.60	.60	1.19	.00	.60	.00	.00	.00	.00	8.33
(2)	.00	.05	.05	.07	.05	.00	.00	.00	.02	.02	.05	.00	.02	.00	.00	.00	.00	.35
2.1- 3.0	1	3	1	3	1	0	2	0	1	3	6	1	0	1	0	0	0	23
(1)	.60	1.79	.60	1.79	.60	.00	1.19	.00	.60	1.79	3.57	.60	.00	.60	.00	.00	.00	13.69
(2)	.02	.07	.02	.07	.02	.00	.05	.00	.02	.07	.15	.02	.00	.02	.00	.00	.00	.57
3.1- 4.0	0	6	1	2	0	0	1	0	2	0	7	4	0	0	0	0	0	23
(1)	.00	3.57	.60	1.19	.00	.00	.60	.00	1.19	.00	4.17	2.38	.00	.00	.00	.00	.00	13.69
(2)	.00	.15	.02	.05	.00	.00	.02	.00	.05	.00	.17	.10	.00	.00	.00	.00	.00	.57
4.1- 5.0	2	4	1	0	0	0	0	0	1	4	5	2	0	0	1	0	0	20
(1)	1.19	2.38	.60	.00	.00	.00	.00	.00	.60	2.38	2.98	1.19	.00	.00	.60	.00	.00	11.90
(2)	.05	.10	.02	.00	.00	.00	.00	.00	.02	.10	.12	.05	.00	.00	.02	.00	.00	.49
5.1- 6.0	3	0	0	0	0	0	1	0	1	2	3	8	3	1	1	1	0	24
(1)	1.79	.00	.00	.00	.00	.00	.60	.00	.60	1.19	1.79	4.76	1.79	.60	.60	.60	.00	14.29
(2)	.07	.00	.00	.00	.00	.00	.02	.00	.02	.05	.07	.20	.07	.02	.02	.02	.00	.59
6.1- 8.0	1	0	3	0	0	0	0	0	1	1	9	14	5	1	1	2	0	38

Table 2.3-48— {SSES 197' (60-m) 2001-2006 February JFD - continued}

(Page 2 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.14**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.60	.00	1.79	.00	.00	.00	.00	.00	.60	.60	5.36	8.33	2.98	.60	.60	1.19	.00	22.62
(2)	.02	.00	.07	.00	.00	.00	.00	.00	.02	.02	.22	.35	.12	.02	.02	.05	.00	.94
8.1-10.0	0	0	0	0	0	0	0	0	0	3	0	4	3	0	0	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.79	.00	2.38	1.79	.00	.00	.00	.00	5.95
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.10	.07	.00	.00	.00	.00	.25
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.60	.00	.00	.00	.00	.00	.60
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
ALL SPEEDS	7	15	10	9	7	1	4	2	9	15	33	34	13	3	3	3	0	168
(1)	4.17	8.93	5.95	5.36	4.17	.60	2.38	1.19	5.36	8.93	19.64	20.24	7.74	1.79	1.79	1.79	.00	100.00
(2)	.17	.37	.25	.22	.17	.02	.10	.05	.22	.37	.81	.84	.32	.07	.07	.07	.00	4.14

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-48— {SSES 197' (60-m) 2001-2006 February JFD - continued}

(Page 1 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 46.57**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.05
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	3	9	5	8	3	1	9	5	5	3	4	0	1	1	0	0	0	57
(1)	.16	.48	.26	.42	.16	.05	.48	.26	.26	.16	.21	.00	.05	.05	.00	.00	.00	3.02
(2)	.07	.22	.12	.20	.07	.02	.22	.12	.12	.07	.10	.00	.02	.02	.00	.00	.00	1.41
1.1- 1.5	7	9	10	11	4	4	7	8	6	9	9	2	0	0	0	2	0	88
(1)	.37	.48	.53	.58	.21	.21	.37	.42	.32	.48	.48	.11	.00	.00	.00	.11	.00	4.66
(2)	.17	.22	.25	.27	.10	.10	.17	.20	.15	.22	.22	.05	.00	.00	.00	.05	.00	2.17
1.6- 2.0	6	13	5	6	7	4	3	2	5	6	24	5	2	2	1	0	0	91
(1)	.32	.69	.26	.32	.37	.21	.16	.11	.26	.32	1.27	.26	.11	.11	.05	.00	.00	4.82
(2)	.15	.32	.12	.15	.17	.10	.07	.05	.12	.15	.59	.12	.05	.05	.02	.00	.00	2.24
2.1- 3.0	14	15	28	16	10	9	10	6	5	9	22	16	7	5	8	6	0	186
(1)	.74	.79	1.48	.85	.53	.48	.53	.32	.26	.48	1.16	.85	.37	.26	.42	.32	.00	9.85
(2)	.35	.37	.69	.39	.25	.22	.25	.15	.12	.22	.54	.39	.17	.12	.20	.15	.00	4.59
3.1- 4.0	19	22	21	5	4	7	9	15	11	6	16	15	19	19	31	21	0	240
(1)	1.01	1.16	1.11	.26	.21	.37	.48	.79	.58	.32	.85	.79	1.01	1.01	1.64	1.11	.00	12.71
(2)	.47	.54	.52	.12	.10	.17	.22	.37	.27	.15	.39	.37	.47	.47	.76	.52	.00	5.92
4.1- 5.0	24	22	13	1	1	2	7	13	7	10	12	25	29	26	65	55	0	312
(1)	1.27	1.16	.69	.05	.05	.11	.37	.69	.37	.53	.64	1.32	1.54	1.38	3.44	2.91	.00	16.52
(2)	.59	.54	.32	.02	.02	.05	.17	.32	.17	.25	.30	.62	.71	.64	1.60	1.36	.00	7.69
5.1- 6.0	13	21	7	3	4	2	5	5	6	13	26	62	54	22	63	49	0	355
(1)	.69	1.11	.37	.16	.21	.11	.26	.26	.32	.69	1.38	3.28	2.86	1.16	3.34	2.59	.00	18.79
(2)	.32	.52	.17	.07	.10	.05	.12	.12	.15	.32	.64	1.53	1.33	.54	1.55	1.21	.00	8.75
6.1- 8.0	5	12	2	0	1	0	1	2	10	10	34	105	51	45	72	47	0	397

Table 2.3-48— {SSES 197' (60-m) 2001-2006 February JFD - continued}
(Page 2 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA | STABILITY CLASS D | CLASS FREQUENCY (PERCENT) = 46.57

	WIND DIRECTION FROM																	
SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.26	.64	.11	.00	.05	.00	.05	.11	.53	.53	1.80	5.56	2.70	2.38	3.81	2.49	.00	21.02
(2)	.12	.30	.05	.00	.02	.00	.02	.05	.25	.25	.84	2.59	1.26	1.11	1.78	1.16	.00	9.79
8.1-10.0	0	0	0	0	0	1	0	0	0	5	6	62	24	8	14	8	0	128
(1)	.00	.00	.00	.00	.00	.05	.00	.00	.00	.26	.32	3.28	1.27	.42	.74	.42	.00	6.78
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.00	.12	.15	1.53	.59	.20	.35	.20	.00	3.16
10.1-40.3	0	0	0	0	0	0	0	0	0	1	0	24	8	1	0	0	0	34
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	1.27	.42	.05	.00	.00	.00	1.80
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.59	.20	.02	.00	.00	.00	.84
ALL SPEEDS	91	123	91	50	34	30	51	56	55	72	154	316	195	129	254	188	0	1889
(1)	4.82	6.51	4.82	2.65	1.80	1.59	2.70	2.96	2.91	3.81	8.15	16.73	10.32	6.83	13.45	9.95	.00	100.00
(2)	2.24	3.03	2.24	1.23	.84	.74	1.26	1.38	1.36	1.78	3.80	7.79	4.81	3.18	6.26	4.64	.00	46.57

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-48— {SSES 197' (60-m) 2001-2006 February JFD - continued}

(Page 1 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 26.38

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	3	5	15	8	7	7	5	6	5	8	3	4	0	1	0	2	0	79
(1)	.28	.47	1.40	.75	.65	.65	.47	.56	.47	.75	.28	.37	.00	.09	.00	.19	.00	7.38
(2)	.07	.12	.37	.20	.17	.17	.12	.15	.12	.20	.07	.10	.00	.02	.00	.05	.00	1.95
1.1- 1.5	7	13	20	11	8	6	6	8	9	15	18	6	2	1	1	2	0	133
(1)	.65	1.21	1.87	1.03	.75	.56	.56	.75	.84	1.40	1.68	.56	.19	.09	.09	.19	.00	12.43
(2)	.17	.32	.49	.27	.20	.15	.15	.20	.22	.37	.44	.15	.05	.02	.02	.05	.00	3.28
1.6- 2.0	11	25	14	9	3	2	4	2	10	21	12	3	3	0	0	1	0	120
(1)	1.03	2.34	1.31	.84	.28	.19	.37	.19	.93	1.96	1.12	.28	.28	.00	.00	.09	.00	11.21
(2)	.27	.62	.35	.22	.07	.05	.10	.05	.25	.52	.30	.07	.07	.00	.00	.02	.00	2.96
2.1- 3.0	11	25	19	8	9	9	5	10	9	19	30	16	8	9	6	4	0	197
(1)	1.03	2.34	1.78	.75	.84	.84	.47	.93	.84	1.78	2.80	1.50	.75	.84	.56	.37	.00	18.41
(2)	.27	.62	.47	.20	.22	.22	.12	.25	.22	.47	.74	.39	.20	.22	.15	.10	.00	4.86
3.1- 4.0	20	11	13	4	5	5	9	12	7	16	47	21	5	3	15	5	0	198
(1)	1.87	1.03	1.21	.37	.47	.47	.84	1.12	.65	1.50	4.39	1.96	.47	.28	1.40	.47	.00	18.50
(2)	.49	.27	.32	.10	.12	.12	.22	.30	.17	.39	1.16	.52	.12	.07	.37	.12	.00	4.88
4.1- 5.0	8	6	4	3	0	0	5	6	5	11	47	30	2	1	11	6	0	145
(1)	.75	.56	.37	.28	.00	.00	.47	.56	.47	1.03	4.39	2.80	.19	.09	1.03	.56	.00	13.55
(2)	.20	.15	.10	.07	.00	.00	.12	.15	.12	.27	1.16	.74	.05	.02	.27	.15	.00	3.57
5.1- 6.0	2	3	6	3	0	0	1	4	4	14	19	45	2	0	6	3	0	112
(1)	.19	.28	.56	.28	.00	.00	.09	.37	.37	1.31	1.78	4.21	.19	.00	.56	.28	.00	10.47
(2)	.05	.07	.15	.07	.00	.00	.02	.10	.10	.35	.47	1.11	.05	.00	.15	.07	.00	2.76
6.1- 8.0	0	5	0	0	1	1	1	0	1	12	8	34	3	0	2	0	0	68

Table 2.3-48— {SSES 197' (60-m) 2001-2006 February JFD - continued}

(Page 2 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 26.38**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.47	.00	.00	.09	.09	.09	.00	.09	1.12	.75	3.18	.28	.00	.19	.00	.00	6.36
(2)	.00	.12	.00	.00	.02	.02	.02	.00	.02	.30	.20	.84	.07	.00	.05	.00	.00	1.68
8.1-10.0	0	0	0	0	0	0	3	1	2	6	0	4	0	0	0	0	0	16
(1)	.00	.00	.00	.00	.00	.00	.28	.09	.19	.56	.00	.37	.00	.00	.00	.00	.00	1.50
(2)	.00	.00	.00	.00	.00	.00	.07	.02	.05	.15	.00	.10	.00	.00	.00	.00	.00	.39
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02
ALL SPEEDS	62	93	91	46	33	30	39	50	52	122	184	163	26	15	41	23	0	1070
(1)	5.79	8.69	8.50	4.30	3.08	2.80	3.64	4.67	4.86	11.40	17.20	15.23	2.43	1.40	3.83	2.15	.00	100.00
(2)	1.53	2.29	2.24	1.13	.81	.74	.96	1.23	1.28	3.01	4.54	4.02	.64	.37	1.01	.57	.00	26.38

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-48— {SSES 197' (60-m) 2001-2006 February JFD - continued}
(Page 1 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 9.54**

	WIND DIRECTION FROM																	
SPEED m/s	**N**	**NNE**	**NE**	**ENE**	**E**	**ESE**	**SE**	**SSE**	**S**	**SSW**	**SW**	**WSW**	**W**	**WNW**	**NW**	**NNW**	**VRBL**	**TOTAL**
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.26
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	0	2	10	6	12	9	3	6	3	1	1	0	0	0	0	0	0	53
(1)	.00	.52	2.58	1.55	3.10	2.33	.78	1.55	.78	.26	.26	.00	.00	.00	.00	.00	.00	13.70
(2)	.00	.05	.25	.15	.30	.22	.07	.15	.07	.02	.02	.00	.00	.00	.00	.00	.00	1.31
1.1- 1.5	3	20	15	7	4	3	6	7	7	3	0	0	0	1	0	0	0	76
(1)	.78	5.17	3.88	1.81	1.03	.78	1.55	1.81	1.81	.78	.00	.00	.00	.26	.00	.00	.00	19.64
(2)	.07	.49	.37	.17	.10	.07	.15	.17	.17	.07	.00	.00	.00	.02	.00	.00	.00	1.87
1.6- 2.0	10	47	11	2	2	1	3	5	11	4	3	0	0	1	0	2	0	102
(1)	2.58	12.14	2.84	.52	.52	.26	.78	1.29	2.84	1.03	.78	.00	.00	.26	.00	.52	.00	26.36
(2)	.25	1.16	.27	.05	.05	.02	.07	.12	.27	.10	.07	.00	.00	.02	.00	.05	.00	2.51
2.1- 3.0	14	28	13	0	1	1	1	0	7	11	14	2	0	1	0	1	0	94
(1)	3.62	7.24	3.36	.00	.26	.26	.26	.00	1.81	2.84	3.62	.52	.00	.26	.00	.26	.00	24.29
(2)	.35	.69	.32	.00	.02	.02	.02	.00	.17	.27	.35	.05	.00	.02	.00	.02	.00	2.32
3.1- 4.0	2	11	6	0	0	0	0	1	2	6	8	4	0	0	1	0	0	41
(1)	.52	2.84	1.55	.00	.00	.00	.00	.26	.52	1.55	2.07	1.03	.00	.00	.26	.00	.00	10.59
(2)	.05	.27	.15	.00	.00	.00	.00	.02	.05	.15	.20	.10	.00	.00	.02	.00	.00	1.01
4.1- 5.0	0	0	0	0	0	0	0	0	1	2	2	8	0	0	0	1	0	14
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.26	.52	.52	2.07	.00	.00	.00	.26	.00	3.62
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.05	.20	.00	.00	.00	.02	.00	.35
5.1- 6.0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	1	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.26	.00	.52	.00	.00	.00	.26	.00	1.03
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.05	.00	.00	.00	.02	.00	.10
6.1- 8.0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1

Table 2.3-48— {SSES 197' (60-m) 2001-2006 February JFD - continued}
(Page 2 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 9.54**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.26	.00	.00	.00	.00	.00	.00	.00	.26
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.26	.00	.00	.00	.00	.00	.00	.00	.26
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	29	108	56	15	19	14	13	19	31	30	28	16	0	3	1	5	0	387
(1)	7.49	27.91	14.47	3.88	4.91	3.62	3.36	4.91	8.01	7.75	7.24	4.13	.00	.78	.26	1.29	.00	100.00
(2)	.71	2.66	1.38	.37	.47	.35	.32	.47	.76	.74	.69	.39	.00	.07	.02	.12	.00	9.54

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-48— {SSES 197' (60-m) 2001-2006 February JFD - continued}

(Page 1 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 6.43**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	1	2	4	9	4	7	2	3	2	1	0	0	0	0	0	0	0	35
(1)	.38	.77	1.53	3.45	1.53	2.68	.77	1.15	.77	.38	.00	.00	.00	.00	.00	.00	.00	13.41
(2)	.02	.05	.10	.22	.10	.17	.05	.07	.05	.02	.00	.00	.00	.00	.00	.00	.00	.86
1.1- 1.5	4	15	14	7	8	6	3	4	4	3	3	0	1	0	1	1	0	74
(1)	1.53	5.75	5.36	2.68	3.07	2.30	1.15	1.53	1.53	1.15	1.15	.00	.38	.00	.38	.38	.00	28.35
(2)	.10	.37	.35	.17	.20	.15	.07	.10	.10	.07	.07	.00	.02	.00	.02	.02	.00	1.82
1.6- 2.0	12	24	11	3	4	0	1	1	3	4	0	1	0	0	1	0	0	65
(1)	4.60	9.20	4.21	1.15	1.53	.00	.38	.38	1.15	1.53	.00	.38	.00	.00	.38	.00	.00	24.90
(2)	.30	.59	.27	.07	.10	.00	.02	.02	.07	.10	.00	.02	.00	.00	.02	.00	.00	1.60
2.1- 3.0	21	23	4	0	1	1	0	0	5	4	5	3	0	0	1	0	0	68
(1)	8.05	8.81	1.53	.00	.38	.38	.00	.00	1.92	1.53	1.92	1.15	.00	.00	.38	.00	.00	26.05
(2)	.52	.57	.10	.00	.02	.02	.00	.00	.12	.10	.12	.07	.00	.00	.02	.00	.00	1.68
3.1- 4.0	4	3	0	0	0	0	0	0	1	1	1	2	1	0	2	0	0	15
(1)	1.53	1.15	.00	.00	.00	.00	.00	.00	.38	.38	.38	.77	.38	.00	.77	.00	.00	5.75
(2)	.10	.07	.00	.00	.00	.00	.00	.00	.02	.02	.02	.05	.02	.00	.05	.00	.00	.37
4.1- 5.0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.38	.00	.77	.00	.00	.00	.00	.00	1.15
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.05	.00	.00	.00	.00	.00	.07
5.1- 6.0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.38	.00	.00	.00	.00	.00	.00	.00	.38
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-48— {SSES 197' (60-m) 2001-2006 February JFD - continued}

(Page 2 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 6.43**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	42	67	33	19	17	14	6	8	15	15	9	8	2	0	5	1	0	261
(1)	16.09	25.67	12.64	7.28	6.51	5.36	2.30	3.07	5.75	5.75	3.45	3.07	.77	.00	1.92	.38	.00	100.00
(2)	1.04	1.65	.81	.47	.42	.35	.15	.20	.37	.37	.22	.20	.05	.00	.12	.02	.00	6.43

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-48— {SSES 197' (60-m) 2001-2006 February JFD - continued}

(Page 1 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS ALL — CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3
(1)	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	7	18	35	31	27	27	19	21	17	14	8	4	1	2	0	2	0	233
(1)	.17	.44	.86	.76	.67	.67	.47	.52	.42	.35	.20	.10	.02	.05	.00	.05	.00	5.74
(2)	.17	.44	.86	.76	.67	.67	.47	.52	.42	.35	.20	.10	.02	.05	.00	.05	.00	5.74
1.1- 1.5	21	57	61	39	28	19	23	28	29	32	32	9	4	2	2	5	0	391
(1)	.52	1.41	1.50	.96	.69	.47	.57	.69	.71	.79	.79	.22	.10	.05	.05	.12	.00	9.64
(2)	.52	1.41	1.50	.96	.69	.47	.57	.69	.71	.79	.79	.22	.10	.05	.05	.12	.00	9.64
1.6- 2.0	39	111	47	23	18	7	13	10	30	43	46	9	6	3	2	3	0	410
(1)	.96	2.74	1.16	.57	.44	.17	.32	.25	.74	1.06	1.13	.22	.15	.07	.05	.07	.00	10.11
(2)	.96	2.74	1.16	.57	.44	.17	.32	.25	.74	1.06	1.13	.22	.15	.07	.05	.07	.00	10.11
2.1- 3.0	61	96	70	27	23	22	20	17	28	57	91	40	15	16	16	12	0	611
(1)	1.50	2.37	1.73	.67	.57	.54	.49	.42	.69	1.41	2.24	.99	.37	.39	.39	.30	.00	15.06
(2)	1.50	2.37	1.73	.67	.57	.54	.49	.42	.69	1.41	2.24	.99	.37	.39	.39	.30	.00	15.06
3.1- 4.0	46	55	49	12	10	12	19	30	24	30	94	48	28	22	49	26	0	554
(1)	1.13	1.36	1.21	.30	.25	.30	.47	.74	.59	.74	2.32	1.18	.69	.54	1.21	.64	.00	13.66
(2)	1.13	1.36	1.21	.30	.25	.30	.47	.74	.59	.74	2.32	1.18	.69	.54	1.21	.64	.00	13.66
4.1- 5.0	37	33	22	4	1	2	14	21	14	29	83	73	31	27	78	62	0	531
(1)	.91	.81	.54	.10	.02	.05	.35	.52	.35	.71	2.05	1.80	.76	.67	1.92	1.53	.00	13.09
(2)	.91	.81	.54	.10	.02	.05	.35	.52	.35	.71	2.05	1.80	.76	.67	1.92	1.53	.00	13.09
5.1- 6.0	19	30	15	6	4	2	7	10	13	36	61	129	64	24	70	54	0	544
(1)	.47	.74	.37	.15	.10	.05	.17	.25	.32	.89	1.50	3.18	1.58	.59	1.73	1.33	.00	13.41
(2)	.47	.74	.37	.15	.10	.05	.17	.25	.32	.89	1.50	3.18	1.58	.59	1.73	1.33	.00	13.41
6.1- 8.0	6	19	6	0	2	1	2	2	15	31	80	184	59	46	75	49	0	577

Table 2.3-48— {SSES 197' (60-m) 2001-2006 February JFD - continued}

(Page 2 of 2)

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.15	.47	.15	.00	.05	.02	.05	.05	.37	.76	1.97	4.54	1.45	1.13	1.85	1.21	.00	14.23
(2)	.15	.47	.15	.00	.05	.02	.05	.05	.37	.76	1.97	4.54	1.45	1.13	1.85	1.21	.00	14.23
8.1-10.0	0	0	0	0	0	1	3	1	2	18	7	77	27	8	14	8	0	166
(1)	.00	.00	.00	.00	.00	.02	.07	.02	.05	.44	.17	1.90	.67	.20	.35	.20	.00	4.09
(2)	.00	.00	.00	.00	.00	.02	.07	.02	.05	.44	.17	1.90	.67	.20	.35	.20	.00	4.09
10.1-40.3	0	0	0	0	0	0	0	0	0	1	0	25	9	1	0	0	0	36
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.62	.22	.02	.00	.00	.00	.89
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.62	.22	.02	.00	.00	.00	.89
ALL SPEEDS	236	419	306	142	113	93	120	141	172	291	503	598	244	151	306	221	0	4056
(1)	5.82	10.33	7.54	3.50	2.79	2.29	2.96	3.48	4.24	7.17	12.40	14.74	6.02	3.72	7.54	5.45	.00	100.00
(2)	5.82	10.33	7.54	3.50	2.79	2.29	2.96	3.48	4.24	7.17	12.40	14.74	6.02	3.72	7.54	5.45	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-49— {SSES 197' (60-m) 2001-2006 March JFD}

(Page 1 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 5.69**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.39	.39	.00	.00	.00	.00	.00	.00	.00	.00	.79
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.04
1.1- 1.5	0	0	1	0	0	2	2	0	1	1	6	0	1	0	0	0	0	14
(1)	.00	.00	.39	.00	.00	.79	.79	.00	.39	.39	2.36	.00	.39	.00	.00	.00	.00	5.51
(2)	.00	.00	.02	.00	.00	.04	.04	.00	.02	.02	.13	.00	.02	.00	.00	.00	.00	.31
1.6- 2.0	0	0	3	0	0	1	0	1	3	0	0	1	0	0	0	0	0	9
(1)	.00	.00	1.18	.00	.00	.39	.00	.39	1.18	.00	.00	.39	.00	.00	.00	.00	.00	3.54
(2)	.00	.00	.07	.00	.00	.02	.00	.02	.07	.00	.00	.02	.00	.00	.00	.00	.00	.20
2.1- 3.0	0	2	2	1	1	0	1	2	1	10	16	7	0	0	1	1	0	45
(1)	.00	.79	.79	.39	.39	.00	.39	.79	.39	3.94	6.30	2.76	.00	.00	.39	.39	.00	17.72
(2)	.00	.04	.04	.02	.02	.00	.02	.04	.02	.22	.36	.16	.00	.00	.02	.02	.00	1.01
3.1- 4.0	0	2	1	1	0	0	2	1	2	6	5	13	3	2	1	0	0	39
(1)	.00	.79	.39	.39	.00	.00	.79	.39	.79	2.36	1.97	5.12	1.18	.79	.39	.00	.00	15.35
(2)	.00	.04	.02	.02	.00	.00	.04	.02	.04	.13	.11	.29	.07	.04	.02	.00	.00	.87
4.1- 5.0	0	0	2	0	0	1	6	1	1	5	5	5	1	0	0	1	0	28
(1)	.00	.00	.79	.00	.00	.39	2.36	.39	.39	1.97	1.97	1.97	.39	.00	.00	.39	.00	11.02
(2)	.00	.00	.04	.00	.00	.02	.13	.02	.02	.11	.11	.11	.02	.00	.00	.02	.00	.63
5.1- 6.0	0	2	1	0	0	0	9	2	3	8	14	9	2	1	3	0	0	54
(1)	.00	.79	.39	.00	.00	.00	3.54	.79	1.18	3.15	5.51	3.54	.79	.39	1.18	.00	.00	21.26
(2)	.00	.04	.02	.00	.00	.00	.20	.04	.07	.18	.31	.20	.04	.02	.07	.00	.00	1.21
6.1- 8.0	0	0	0	0	0	0	0	1	4	17	11	13	2	0	1	1	0	50

Table 2.3-49— {SSES 197' (60-m) 2001-2006 March JFD}
(Page 2 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 5.69**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.39	1.57	6.69	4.33	5.12	.79	.00	.39	.39	.00	19.69
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.09	.38	.25	.29	.04	.00	.02	.02	.00	1.12
8.1-10.0	0	0	0	0	0	0	0	0	0	4	3	3	0	0	0	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.57	1.18	1.18	.00	.00	.00	.00	.00	3.94
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.07	.07	.00	.00	.00	.00	.00	.22
10.1-40.3	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.39	.79	.00	.00	.00	.00	.00	1.18
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.04	.00	.00	.00	.00	.00	.07
ALL SPEEDS	0	6	10	2	1	4	20	9	16	51	61	53	9	3	6	3	0	254
(1)	.00	2.36	3.94	.79	.39	1.57	7.87	3.54	6.30	20.08	24.02	20.87	3.54	1.18	2.36	1.18	.00	100.00
(2)	.00	.13	.22	.04	.02	.09	.45	.20	.36	1.14	1.37	1.19	.20	.07	.13	.07	.00	5.69

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-49— {SSES 197' (60-m) 2001-2006 March JFD - continued}

(Page 1 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.23**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
1.1- 1.5	0	0	0	0	2	2	0	1	2	1	1	0	0	0	0	0	0	9
(1)	.00	.00	.00	.00	1.39	1.39	.00	.69	1.39	.69	.69	.00	.00	.00	.00	.00	.00	6.25
(2)	.00	.00	.00	.00	.04	.04	.00	.02	.04	.02	.02	.00	.00	.00	.00	.00	.00	.20
1.6- 2.0	0	1	2	1	1	1	0	1	0	1	0	0	1	0	0	0	0	9
(1)	.00	.69	1.39	.69	.69	.69	.00	.69	.00	.69	.00	.00	.69	.00	.00	.00	.00	6.25
(2)	.00	.02	.04	.02	.02	.02	.00	.02	.00	.02	.00	.00	.02	.00	.00	.00	.00	.20
2.1- 3.0	2	1	1	0	0	0	0	2	0	2	1	1	0	1	1	0	0	12
(1)	1.39	.69	.69	.00	.00	.00	.00	1.39	.00	1.39	.69	.69	.00	.69	.69	.00	.00	8.33
(2)	.04	.02	.02	.00	.00	.00	.00	.04	.00	.04	.02	.02	.00	.02	.02	.00	.00	.27
3.1- 4.0	2	0	3	0	0	0	2	3	2	1	5	3	1	0	0	2	0	24
(1)	1.39	.00	2.08	.00	.00	.00	1.39	2.08	1.39	.69	3.47	2.08	.69	.00	.00	1.39	.00	16.67
(2)	.04	.00	.07	.00	.00	.00	.04	.07	.04	.02	.11	.07	.02	.00	.00	.04	.00	.54
4.1- 5.0	0	0	0	0	2	1	1	2	4	3	5	2	0	3	1	2	0	26
(1)	.00	.00	.00	.00	1.39	.69	.69	1.39	2.78	2.08	3.47	1.39	.00	2.08	.69	1.39	.00	18.06
(2)	.00	.00	.00	.00	.04	.02	.02	.04	.09	.07	.11	.04	.00	.07	.02	.04	.00	.58
5.1- 6.0	1	0	0	0	0	0	1	0	1	3	2	3	2	1	4	4	0	22
(1)	.69	.00	.00	.00	.00	.00	.69	.00	.69	2.08	1.39	2.08	1.39	.69	2.78	2.78	.00	15.28
(2)	.02	.00	.00	.00	.00	.00	.02	.00	.02	.07	.04	.07	.04	.02	.09	.09	.00	.49
6.1- 8.0	0	0	0	0	0	0	0	0	1	1	9	15	5	0	2	0	0	33

Table 2.3-49— {SSES 197' (60-m) 2001-2006 March JFD - continued}
(Page 2 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.23**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.69	.69	6.25	10.42	3.47	.00	1.39	.00	.00	22.92
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.20	.34	.11	.00	.04	.00	.00	.74
8.1-10.0	0	0	0	0	0	0	0	0	0	1	1	3	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.69	.69	2.08	.00	.00	.00	.00	.00	3.47
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.07	.00	.00	.00	.00	.00	.11
10.1-40.3	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.78	.00	.00	.00	.00	.00	.00	2.78
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.09
ALL SPEEDS	5	2	6	1	5	4	4	9	10	13	28	27	9	5	8	8	0	144
(1)	3.47	1.39	4.17	.69	3.47	2.78	2.78	6.25	6.94	9.03	19.44	18.75	6.25	3.47	5.56	5.56	.00	100.00
(2)	.11	.04	.13	.02	.11	.09	.09	.20	.22	.29	.63	.60	.20	.11	.18	.18	.00	3.23

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-49— {SSES 197' (60-m) 2001-2006 March JFD - continued}

(Page 1 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 3.92**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	1	1	0	0	1	1	0	0	0	1	0	0	0	0	5
(1)	.00	.00	.00	.57	.57	.00	.00	.57	.57	.00	.00	.00	.57	.00	.00	.00	.00	2.86
(2)	.00	.00	.00	.02	.02	.00	.00	.02	.02	.00	.00	.00	.02	.00	.00	.00	.00	.11
1.1- 1.5	0	0	0	2	1	0	0	0	0	4	1	0	0	0	0	0	0	8
(1)	.00	.00	.00	1.14	.57	.00	.00	.00	.00	2.29	.57	.00	.00	.00	.00	.00	.00	4.57
(2)	.00	.00	.00	.04	.02	.00	.00	.00	.00	.09	.02	.00	.00	.00	.00	.00	.00	.18
1.6- 2.0	1	1	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	6
(1)	.57	.57	.00	.57	.00	.00	.00	.00	.00	1.71	.00	.00	.00	.00	.00	.00	.00	3.43
(2)	.02	.02	.00	.02	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00	.00	.13
2.1- 3.0	0	1	4	1	0	0	0	0	0	3	3	4	0	0	0	0	0	16
(1)	.00	.57	2.29	.57	.00	.00	.00	.00	.00	1.71	1.71	2.29	.00	.00	.00	.00	.00	9.14
(2)	.00	.02	.09	.02	.00	.00	.00	.00	.00	.07	.07	.09	.00	.00	.00	.00	.00	.36
3.1- 4.0	3	6	2	0	0	0	1	1	0	1	3	12	2	0	1	0	0	32
(1)	1.71	3.43	1.14	.00	.00	.00	.57	.57	.00	.57	1.71	6.86	1.14	.00	.57	.00	.00	18.29
(2)	.07	.13	.04	.00	.00	.00	.02	.02	.00	.02	.07	.27	.04	.00	.02	.00	.00	.72
4.1- 5.0	3	1	1	0	1	0	2	1	1	0	4	8	3	1	6	4	0	36
(1)	1.71	.57	.57	.00	.57	.00	1.14	.57	.57	.00	2.29	4.57	1.71	.57	3.43	2.29	.00	20.57
(2)	.07	.02	.02	.00	.02	.00	.04	.02	.02	.00	.09	.18	.07	.02	.13	.09	.00	.81
5.1- 6.0	4	1	1	0	0	0	2	0	2	1	0	7	5	1	2	5	0	31
(1)	2.29	.57	.57	.00	.00	.00	1.14	.00	1.14	.57	.00	4.00	2.86	.57	1.14	2.86	.00	17.71
(2)	.09	.02	.02	.00	.00	.00	.04	.00	.04	.02	.00	.16	.11	.02	.04	.11	.00	.69
6.1- 8.0	0	0	0	0	0	0	1	1	3	2	1	7	3	1	6	1	0	26

Table 2.3-49— {SSES 197' (60-m) 2001-2006 March JFD - continued}
(Page 2 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 3.92

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.57	.57	1.71	1.14	.57	4.00	1.71	.57	3.43	.57	.00	14.86
(2)	.00	.00	.00	.00	.00	.00	.02	.02	.07	.04	.02	.16	.07	.02	.13	.02	.00	.58
8.1-10.0	0	0	0	0	0	0	0	0	0	0	2	8	1	0	0	1	0	12
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.14	4.57	.57	.00	.00	.57	.00	6.86
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.18	.02	.00	.00	.02	.00	.27
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.71	.00	.00	.00	.00	.00	1.71
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.07
ALL SPEEDS	11	10	8	5	3	0	6	4	7	14	14	49	15	3	15	11	0	175
(1)	6.29	5.71	4.57	2.86	1.71	.00	3.43	2.29	4.00	8.00	8.00	28.00	8.57	1.71	8.57	6.29	.00	100.00
(2)	.25	.22	.18	.11	.07	.00	.13	.09	.16	.31	.31	1.10	.34	.07	.34	.25	.00	3.92

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-49— {SSES 197' (60-m) 2001-2006 March JFD - continued}
(Page 1 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 46.53

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.05	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.10
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.04
.5- 1.0	4	8	3	4	6	6	9	5	3	3	2	2	1	2	0	2	0	60
(1)	.19	.39	.14	.19	.29	.29	.43	.24	.14	.14	.10	.10	.05	.10	.00	.10	.00	2.89
(2)	.09	.18	.07	.09	.13	.13	.20	.11	.07	.07	.04	.04	.02	.04	.00	.04	.00	1.34
1.1- 1.5	5	12	11	6	4	3	2	3	7	11	7	2	0	1	2	3	0	79
(1)	.24	.58	.53	.29	.19	.14	.10	.14	.34	.53	.34	.10	.00	.05	.10	.14	.00	3.80
(2)	.11	.27	.25	.13	.09	.07	.04	.07	.16	.25	.16	.04	.00	.02	.04	.07	.00	1.77
1.6- 2.0	5	4	8	6	7	4	3	6	4	6	21	6	0	2	3	0	0	85
(1)	.24	.19	.39	.29	.34	.19	.14	.29	.19	.29	1.01	.29	.00	.10	.14	.00	.00	4.09
(2)	.11	.09	.18	.13	.16	.09	.07	.13	.09	.13	.47	.13	.00	.04	.07	.00	.00	1.90
2.1- 3.0	22	21	22	19	10	16	11	11	6	14	29	26	14	21	16	14	0	272
(1)	1.06	1.01	1.06	.91	.48	.77	.53	.53	.29	.67	1.40	1.25	.67	1.01	.77	.67	.00	13.10
(2)	.49	.47	.49	.43	.22	.36	.25	.25	.13	.31	.65	.58	.31	.47	.36	.31	.00	6.09
3.1- 4.0	34	37	35	9	13	10	13	13	5	7	21	29	24	33	51	42	0	376
(1)	1.64	1.78	1.69	.43	.63	.48	.63	.63	.24	.34	1.01	1.40	1.16	1.59	2.46	2.02	.00	18.10
(2)	.76	.83	.78	.20	.29	.22	.29	.29	.11	.16	.47	.65	.54	.74	1.14	.94	.00	8.42
4.1- 5.0	39	34	21	6	9	7	19	9	8	5	16	35	35	52	58	54	0	407
(1)	1.88	1.64	1.01	.29	.43	.34	.91	.43	.39	.24	.77	1.69	1.69	2.50	2.79	2.60	.00	19.60
(2)	.87	.76	.47	.13	.20	.16	.43	.20	.18	.11	.36	.78	.78	1.16	1.30	1.21	.00	9.12
5.1- 6.0	27	23	18	3	1	4	9	15	11	7	8	40	26	31	49	36	0	308
(1)	1.30	1.11	.87	.14	.05	.19	.43	.72	.53	.34	.39	1.93	1.25	1.49	2.36	1.73	.00	14.83
(2)	.60	.52	.40	.07	.02	.09	.20	.34	.25	.16	.18	.90	.58	.69	1.10	.81	.00	6.90
6.1- 8.0	7	13	15	5	0	4	3	15	14	12	8	62	72	54	50	26	0	360

Table 2.3-49— {SSES 197' (60-m) 2001-2006 March JFD - continued}
(Page 2 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 46.53**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.34	.63	.72	.24	.00	.19	.14	.72	.67	.58	.39	2.99	3.47	2.60	2.41	1.25	.00	17.33
(2)	.16	.29	.34	.11	.00	.09	.07	.34	.31	.27	.18	1.39	1.61	1.21	1.12	.58	.00	8.06
8.1-10.0	0	3	0	0	0	2	0	1	4	5	2	20	40	8	4	5	0	94
(1)	.00	.14	.00	.00	.00	.10	.00	.05	.19	.24	.10	.96	1.93	.39	.19	.24	.00	4.53
(2)	.00	.07	.00	.00	.00	.04	.00	.02	.09	.11	.04	.45	.90	.18	.09	.11	.00	2.11
10.1-40.3	0	2	1	0	0	0	0	0	0	3	2	10	15	1	0	0	0	34
(1)	.00	.10	.05	.00	.00	.00	.00	.00	.00	.14	.10	.48	.72	.05	.00	.00	.00	1.64
(2)	.00	.04	.02	.00	.00	.00	.00	.00	.00	.07	.04	.22	.34	.02	.00	.00	.00	.76
ALL SPEEDS	143	157	134	59	50	56	69	78	63	73	116	232	227	205	233	182	0	2077
(1)	6.88	7.56	6.45	2.84	2.41	2.70	3.32	3.76	3.03	3.51	5.58	11.17	10.93	9.87	11.22	8.76	.00	100.00
(2)	3.20	3.52	3.00	1.32	1.12	1.25	1.55	1.75	1.41	1.64	2.60	5.20	5.09	4.59	5.22	4.08	.00	46.53

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-49— {SSES 197' (60-m) 2001-2006 March JFD - continued}

(Page 1 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 23.77**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.09	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19
(2)	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
.5- 1.0	6	10	14	11	9	4	12	10	12	5	8	6	3	0	1	2	0	113
(1)	.57	.94	1.32	1.04	.85	.38	1.13	.94	1.13	.47	.75	.57	.28	.00	.09	.19	.00	10.65
(2)	.13	.22	.31	.25	.20	.09	.27	.22	.27	.11	.18	.13	.07	.00	.02	.04	.00	2.53
1.1- 1.5	7	15	13	5	6	6	13	7	11	10	16	11	5	0	3	3	0	131
(1)	.66	1.41	1.23	.47	.57	.57	1.23	.66	1.04	.94	1.51	1.04	.47	.00	.28	.28	.00	12.35
(2)	.16	.34	.29	.11	.13	.13	.29	.16	.25	.22	.36	.25	.11	.00	.07	.07	.00	2.93
1.6- 2.0	10	19	10	5	6	1	5	6	6	9	15	16	4	3	4	5	0	124
(1)	.94	1.79	.94	.47	.57	.09	.47	.57	.57	.85	1.41	1.51	.38	.28	.38	.47	.00	11.69
(2)	.22	.43	.22	.11	.13	.02	.11	.13	.13	.20	.34	.36	.09	.07	.09	.11	.00	2.78
2.1- 3.0	23	35	13	10	8	8	7	13	14	13	26	17	16	12	4	7	0	226
(1)	2.17	3.30	1.23	.94	.75	.75	.66	1.23	1.32	1.23	2.45	1.60	1.51	1.13	.38	.66	.00	21.30
(2)	.52	.78	.29	.22	.18	.18	.16	.29	.31	.29	.58	.38	.36	.27	.09	.16	.00	5.06
3.1- 4.0	14	30	16	1	6	5	4	8	5	13	19	29	18	4	9	6	0	187
(1)	1.32	2.83	1.51	.09	.57	.47	.38	.75	.47	1.23	1.79	2.73	1.70	.38	.85	.57	.00	17.62
(2)	.31	.67	.36	.02	.13	.11	.09	.18	.11	.29	.43	.65	.40	.09	.20	.13	.00	4.19
4.1- 5.0	8	19	13	3	1	3	2	6	5	11	12	21	6	2	10	4	0	126
(1)	.75	1.79	1.23	.28	.09	.28	.19	.57	.47	1.04	1.13	1.98	.57	.19	.94	.38	.00	11.88
(2)	.18	.43	.29	.07	.02	.07	.04	.13	.11	.25	.27	.47	.13	.04	.22	.09	.00	2.82
5.1- 6.0	2	18	7	2	1	1	0	4	5	7	8	18	2	2	1	1	0	79
(1)	.19	1.70	.66	.19	.09	.09	.00	.38	.47	.66	.75	1.70	.19	.19	.09	.09	.00	7.45
(2)	.04	.40	.16	.04	.02	.02	.00	.09	.11	.16	.18	.40	.04	.04	.02	.02	.00	1.77
6.1- 8.0	4	7	8	0	0	2	2	0	11	11	3	10	1	4	0	1	0	64

Table 2.3-49— {SSES 197' (60-m) 2001-2006 March JFD - continued}

(Page 2 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 23.77**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.38	.66	.75	.00	.00	.19	.19	.00	1.04	1.04	.28	.94	.09	.38	.00	.09	.00	6.03
(2)	.09	.16	.18	.00	.00	.04	.04	.00	.25	.25	.07	.22	.02	.09	.00	.02	.00	1.43
8.1-10.0	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.09	.00	.00	.19	.09	.00	.00	.00	.00	.00	.00	.38
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.04	.02	.00	.00	.00	.00	.00	.00	.09
10.1-40.3	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.38	.00	.09	.00	.00	.00	.00	.00	.00	.47
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.02	.00	.00	.00	.00	.00	.00	.11
ALL SPEEDS	74	153	94	37	37	30	47	55	73	81	109	128	55	27	32	29	0	1061
(1)	6.97	14.42	8.86	3.49	3.49	2.83	4.43	5.18	6.88	7.63	10.27	12.06	5.18	2.54	3.02	2.73	.00	100.00
(2)	1.66	3.43	2.11	.83	.83	.67	1.05	1.23	1.64	1.81	2.44	2.87	1.23	.60	.72	.65	.00	23.77

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-49— {SSES 197' (60-m) 2001-2006 March JFD - continued}

(Page 1 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 9.12**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.25
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	4	7	14	11	10	5	5	4	5	4	2	0	2	1	1	1	0	76
(1)	.98	1.72	3.44	2.70	2.46	1.23	1.23	.98	1.23	.98	.49	.00	.49	.25	.25	.25	.00	18.67
(2)	.09	.16	.31	.25	.22	.11	.11	.09	.11	.09	.04	.00	.04	.02	.02	.02	.00	1.70
1.1- 1.5	13	35	15	3	5	1	9	3	5	4	8	2	1	0	0	0	0	104
(1)	3.19	8.60	3.69	.74	1.23	.25	2.21	.74	1.23	.98	1.97	.49	.25	.00	.00	.00	.00	25.55
(2)	.29	.78	.34	.07	.11	.02	.20	.07	.11	.09	.18	.04	.02	.00	.00	.00	.00	2.33
1.6- 2.0	8	25	11	5	2	1	3	1	1	6	3	1	1	1	1	0	0	70
(1)	1.97	6.14	2.70	1.23	.49	.25	.74	.25	.25	1.47	.74	.25	.25	.25	.25	.00	.00	17.20
(2)	.18	.56	.25	.11	.04	.02	.07	.02	.02	.13	.07	.02	.02	.02	.02	.00	.00	1.57
2.1- 3.0	15	28	18	0	0	1	5	3	1	7	13	4	2	1	2	0	0	100
(1)	3.69	6.88	4.42	.00	.00	.25	1.23	.74	.25	1.72	3.19	.98	.49	.25	.49	.00	.00	24.57
(2)	.34	.63	.40	.00	.00	.02	.11	.07	.02	.16	.29	.09	.04	.02	.04	.00	.00	2.24
3.1- 4.0	3	1	4	0	1	1	2	0	0	3	7	9	2	0	3	0	0	36
(1)	.74	.25	.98	.00	.25	.25	.49	.00	.00	.74	1.72	2.21	.49	.00	.74	.00	.00	8.85
(2)	.07	.02	.09	.00	.02	.02	.04	.00	.00	.07	.16	.20	.04	.00	.07	.00	.00	.81
4.1- 5.0	0	1	1	0	0	0	0	0	0	1	1	6	0	0	0	0	0	10
(1)	.00	.25	.25	.00	.00	.00	.00	.00	.00	.25	.25	1.47	.00	.00	.00	.00	.00	2.46
(2)	.00	.02	.02	.00	.00	.00	.00	.00	.00	.02	.02	.13	.00	.00	.00	.00	.00	.22
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	2	7	0	0	0	0	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.49	1.72	.00	.00	.00	.00	.00	2.21
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.16	.00	.00	.00	.00	.00	.20
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1

Table 2.3-49— {SSES 197' (60-m) 2001-2006 March JFD - continued}

(Page 2 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 9.12**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.25	.00	.00	.00	.00	.00	.25
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	44	97	63	19	18	9	24	11	12	25	36	30	8	3	7	1	0	407
(1)	10.81	23.83	15.48	4.67	4.42	2.21	5.90	2.70	2.95	6.14	8.85	7.37	1.97	.74	1.72	.25	.00	100.00
(2)	.99	2.17	1.41	.43	.40	.20	.54	.25	.27	.56	.81	.67	.18	.07	.16	.02	.00	9.12

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-49— {SSES 197' (60-m) 2001-2006 March JFD - continued}
(Page 1 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.75**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	2
(1)	.00	.00	.00	.00	.29	.00	.00	.00	.00	.00	.00	.00	.00	.00	.29	.00	.00	.58
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.04
.5- 1.0	2	2	7	9	7	7	3	6	3	2	1	0	0	1	0	2	0	52
(1)	.58	.58	2.02	2.60	2.02	2.02	.87	1.73	.87	.58	.29	.00	.00	.29	.00	.58	.00	15.03
(2)	.04	.04	.16	.20	.16	.16	.07	.13	.07	.04	.02	.00	.00	.02	.00	.04	.00	1.16
1.1- 1.5	2	20	21	6	5	5	3	3	4	4	2	1	1	0	0	2	0	79
(1)	.58	5.78	6.07	1.73	1.45	1.45	.87	.87	1.16	1.16	.58	.29	.29	.00	.00	.58	.00	22.83
(2)	.04	.45	.47	.13	.11	.11	.07	.07	.09	.09	.04	.02	.02	.00	.00	.04	.00	1.77
1.6- 2.0	12	34	16	6	1	0	2	0	3	4	2	0	0	0	0	0	0	80
(1)	3.47	9.83	4.62	1.73	.29	.00	.58	.00	.87	1.16	.58	.00	.00	.00	.00	.00	.00	23.12
(2)	.27	.76	.36	.13	.02	.00	.04	.00	.07	.09	.04	.00	.00	.00	.00	.00	.00	1.79
2.1- 3.0	32	33	11	2	0	0	3	0	5	8	7	2	0	0	2	1	0	106
(1)	9.25	9.54	3.18	.58	.00	.00	.87	.00	1.45	2.31	2.02	.58	.00	.00	.58	.29	.00	30.64
(2)	.72	.74	.25	.04	.00	.00	.07	.00	.11	.18	.16	.04	.00	.00	.04	.02	.00	2.37
3.1- 4.0	8	3	0	0	0	0	2	0	1	3	1	0	0	0	0	0	0	18
(1)	2.31	.87	.00	.00	.00	.00	.58	.00	.29	.87	.29	.00	.00	.00	.00	.00	.00	5.20
(2)	.18	.07	.00	.00	.00	.00	.04	.00	.02	.07	.02	.00	.00	.00	.00	.00	.00	.40
4.1- 5.0	1	0	0	0	0	0	0	1	0	2	0	2	0	0	0	0	0	6
(1)	.29	.00	.00	.00	.00	.00	.00	.29	.00	.58	.00	.58	.00	.00	.00	.00	.00	1.73
(2)	.02	.00	.00	.00	.00	.00	.00	.02	.00	.04	.00	.04	.00	.00	.00	.00	.00	.13
5.1- 6.0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.29	.00	.00	.29	.29	.00	.00	.00	.00	.00	.87
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02	.02	.00	.00	.00	.00	.00	.07
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-49— {SSES 197' (60-m) 2001-2006 March JFD - continued}

(Page 2 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.75**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	57	92	55	23	14	12	13	11	16	23	14	6	1	1	3	5	0	346
(1)	16.47	26.59	15.90	6.65	4.05	3.47	3.76	3.18	4.62	6.65	4.05	1.73	.29	.29	.87	1.45	.00	100.00
(2)	1.28	2.06	1.23	.52	.31	.27	.29	.25	.36	.52	.31	.13	.02	.02	.07	.11	.00	7.75

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-49— {SSES 197' (60-m) 2001-2006 March JFD - continued}

(Page 1 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	1	0	0	1	1	0	1	1	1	0	0	0	0	0	1	0	0	7
(1)	.02	.00	.00	.02	.02	.00	.02	.02	.02	.00	.00	.00	.00	.00	.02	.00	.00	.16
(2)	.02	.00	.00	.02	.02	.00	.02	.02	.02	.00	.00	.00	.00	.00	.02	.00	.00	.16
.5- 1.0	16	27	38	36	33	22	29	27	25	14	13	8	7	4	2	7	0	308
(1)	.36	.60	.85	.81	.74	.49	.65	.60	.56	.31	.29	.18	.16	.09	.04	.16	.00	6.90
(2)	.36	.60	.85	.81	.74	.49	.65	.60	.56	.31	.29	.18	.16	.09	.04	.16	.00	6.90
1.1- 1.5	27	82	61	22	23	19	29	17	30	35	41	16	8	1	5	8	0	424
(1)	.60	1.84	1.37	.49	.52	.43	.65	.38	.67	.78	.92	.36	.18	.02	.11	.18	.00	9.50
(2)	.60	1.84	1.37	.49	.52	.43	.65	.38	.67	.78	.92	.36	.18	.02	.11	.18	.00	9.50
1.6- 2.0	36	84	50	24	17	8	13	15	17	29	41	24	6	6	8	5	0	383
(1)	.81	1.88	1.12	.54	.38	.18	.29	.34	.38	.65	.92	.54	.13	.13	.18	.11	.00	8.58
(2)	.81	1.88	1.12	.54	.38	.18	.29	.34	.38	.65	.92	.54	.13	.13	.18	.11	.00	8.58
2.1- 3.0	94	121	71	33	19	25	27	31	27	57	95	61	32	35	26	23	0	777
(1)	2.11	2.71	1.59	.74	.43	.56	.60	.69	.60	1.28	2.13	1.37	.72	.78	.58	.52	.00	17.41
(2)	2.11	2.71	1.59	.74	.43	.56	.60	.69	.60	1.28	2.13	1.37	.72	.78	.58	.52	.00	17.41
3.1- 4.0	64	79	61	11	20	16	26	26	15	34	61	95	50	39	65	50	0	712
(1)	1.43	1.77	1.37	.25	.45	.36	.58	.58	.34	.76	1.37	2.13	1.12	.87	1.46	1.12	.00	15.95
(2)	1.43	1.77	1.37	.25	.45	.36	.58	.58	.34	.76	1.37	2.13	1.12	.87	1.46	1.12	.00	15.95
4.1- 5.0	51	55	38	9	13	12	30	20	19	27	43	79	45	58	75	65	0	639
(1)	1.14	1.23	.85	.20	.29	.27	.67	.45	.43	.60	.96	1.77	1.01	1.30	1.68	1.46	.00	14.31
(2)	1.14	1.23	.85	.20	.29	.27	.67	.45	.43	.60	.96	1.77	1.01	1.30	1.68	1.46	.00	14.31
5.1- 6.0	34	44	27	5	2	5	21	22	22	26	35	85	37	36	59	46	0	506
(1)	.76	.99	.60	.11	.04	.11	.47	.49	.49	.58	.78	1.90	.83	.81	1.32	1.03	.00	11.34
(2)	.76	.99	.60	.11	.04	.11	.47	.49	.49	.58	.78	1.90	.83	.81	1.32	1.03	.00	11.34
6.1- 8.0	11	20	23	5	0	6	6	17	33	43	32	108	83	59	59	29	0	534

Table 2.3-49— {SSES 197' (60-m) 2001-2006 March JFD - continued}

(Page 2 of 2)

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.25	.45	.52	.11	.00	.13	.13	.38	.74	.96	.72	2.42	1.86	1.32	1.32	.65	.00	11.96
(2)	.25	.45	.52	.11	.00	.13	.13	.38	.74	.96	.72	2.42	1.86	1.32	1.32	.65	.00	11.96
8.1-10.0	0	3	0	0	0	2	1	1	4	12	9	34	41	8	4	6	0	125
(1)	.00	.07	.00	.00	.00	.04	.02	.02	.09	.27	.20	.76	.92	.18	.09	.13	.00	2.80
(2)	.00	.07	.00	.00	.00	.04	.02	.02	.09	.27	.20	.76	.92	.18	.09	.13	.00	2.80
10.1-40.3	0	2	1	0	0	0	0	0	4	3	8	15	15	1	0	0	0	49
(1)	.00	.04	.02	.00	.00	.00	.00	.00	.09	.07	.18	.34	.34	.02	.00	.00	.00	1.10
(2)	.00	.04	.02	.00	.00	.00	.00	.00	.09	.07	.18	.34	.34	.02	.00	.00	.00	1.10
ALL SPEEDS	334	517	370	146	128	115	183	177	197	280	378	525	324	247	304	239	0	4464
(1)	7.48	11.58	8.29	3.27	2.87	2.58	4.10	3.97	4.41	6.27	8.47	11.76	7.26	5.53	6.81	5.35	.00	100.00
(2)	7.48	11.58	8.29	3.27	2.87	2.58	4.10	3.97	4.41	6.27	8.47	11.76	7.26	5.53	6.81	5.35	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-50— {SSES 197' (60-m) 2001-2006 April JFD}

(Page 1 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 8.78**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.26
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
1.1- 1.5	0	0	0	3	1	2	1	0	1	2	1	2	0	0	0	0	0	13
(1)	.00	.00	.00	.79	.26	.53	.26	.00	.26	.53	.26	.53	.00	.00	.00	.00	.00	3.44
(2)	.00	.00	.00	.07	.02	.05	.02	.00	.02	.05	.02	.05	.00	.00	.00	.00	.00	.30
1.6- 2.0	0	1	1	2	0	1	2	2	2	4	2	2	0	1	0	0	0	20
(1)	.00	.26	.26	.53	.00	.26	.53	.53	.53	1.06	.53	.53	.00	.26	.00	.00	.00	5.29
(2)	.00	.02	.02	.05	.00	.02	.05	.05	.05	.09	.05	.05	.00	.02	.00	.00	.00	.46
2.1- 3.0	1	1	3	4	4	2	1	1	5	11	13	3	0	0	0	1	0	50
(1)	.26	.26	.79	1.06	1.06	.53	.26	.26	1.32	2.91	3.44	.79	.00	.00	.00	.26	.00	13.23
(2)	.02	.02	.07	.09	.09	.05	.02	.02	.12	.26	.30	.07	.00	.00	.00	.02	.00	1.16
3.1- 4.0	2	10	4	0	1	1	1	2	8	13	22	5	0	1	0	0	0	70
(1)	.53	2.65	1.06	.00	.26	.26	.26	.53	2.12	3.44	5.82	1.32	.00	.26	.00	.00	.00	18.52
(2)	.05	.23	.09	.00	.02	.02	.02	.05	.19	.30	.51	.12	.00	.02	.00	.00	.00	1.63
4.1- 5.0	8	20	4	0	0	0	1	0	0	8	16	9	1	3	1	2	0	73
(1)	2.12	5.29	1.06	.00	.00	.00	.26	.00	.00	2.12	4.23	2.38	.26	.79	.26	.53	.00	19.31
(2)	.19	.46	.09	.00	.00	.00	.02	.00	.00	.19	.37	.21	.02	.07	.02	.05	.00	1.70
5.1- 6.0	2	16	2	0	0	0	3	2	1	6	18	8	2	1	0	3	0	64
(1)	.53	4.23	.53	.00	.00	.00	.79	.53	.26	1.59	4.76	2.12	.53	.26	.00	.79	.00	16.93
(2)	.05	.37	.05	.00	.00	.00	.07	.05	.02	.14	.42	.19	.05	.02	.00	.07	.00	1.49
6.1- 8.0	1	5	1	0	0	0	4	3	4	9	21	22	1	0	1	2	0	74

Table 2.3-50— {SSES 197' (60-m) 2001-2006 April JFD}

(Page 2 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 8.78**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.26	1.32	.26	.00	.00	.00	1.06	.79	1.06	2.38	5.56	5.82	.26	.00	.26	.53	.00	19.58
(2)	.02	.12	.02	.00	.00	.00	.09	.07	.09	.21	.49	.51	.02	.00	.02	.05	.00	1.72
8.1-10.0	1	1	0	0	0	1	0	1	1	1	2	2	0	0	1	0	0	11
(1)	.26	.26	.00	.00	.00	.26	.00	.26	.26	.26	.53	.53	.00	.00	.26	.00	.00	2.91
(2)	.02	.02	.00	.00	.00	.02	.00	.02	.02	.02	.05	.05	.00	.00	.02	.00	.00	.26
10.1-40.3	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.26	.00	.00	.26	.00	.00	.00	.00	.00	.53
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02	.00	.00	.00	.00	.00	.05
ALL SPEEDS	15	54	15	9	6	8	13	11	23	54	95	54	4	6	3	8	0	378
(1)	3.97	14.29	3.97	2.38	1.59	2.12	3.44	2.91	6.08	14.29	25.13	14.29	1.06	1.59	.79	2.12	.00	100.00
(2)	.35	1.25	.35	.21	.14	.19	.30	.26	.53	1.25	2.21	1.25	.09	.14	.07	.19	.00	8.78

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-50— {SSES 197' (60-m) 2001-2006 April JFD - continued}

(Page 1 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.65**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.00	1.27	.00	.64	.00	.64	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.55
(2)	.00	.00	.05	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
1.1- 1.5	0	0	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.64	.00	.64	1.27	.00	.00	.00	.00	.00	.00	.00	2.55
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.02	.05	.00	.00	.00	.00	.00	.00	.00	.09
1.6- 2.0	0	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	6
(1)	.00	.00	1.27	.00	.00	1.27	.00	.00	.64	.00	.64	.00	.00	.00	.00	.00	.00	3.82
(2)	.00	.00	.05	.00	.00	.05	.00	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.14
2.1- 3.0	2	0	3	0	1	1	2	1	0	3	1	1	0	0	0	0	0	15
(1)	1.27	.00	1.91	.00	.64	.64	1.27	.64	.00	1.91	.64	.64	.00	.00	.00	.00	.00	9.55
(2)	.05	.00	.07	.00	.02	.02	.05	.02	.00	.07	.02	.02	.00	.00	.00	.00	.00	.35
3.1- 4.0	0	6	0	0	0	1	0	0	0	2	4	3	0	1	0	0	0	17
(1)	.00	3.82	.00	.00	.00	.64	.00	.00	.00	1.27	2.55	1.91	.00	.64	.00	.00	.00	10.83
(2)	.00	.14	.00	.00	.00	.02	.00	.00	.00	.05	.09	.07	.00	.02	.00	.00	.00	.39
4.1- 5.0	2	8	2	1	1	0	0	0	0	2	4	4	0	2	2	2	0	30
(1)	1.27	5.10	1.27	.64	.64	.00	.00	.00	.00	1.27	2.55	2.55	.00	1.27	1.27	1.27	.00	19.11
(2)	.05	.19	.05	.02	.02	.00	.00	.00	.00	.05	.09	.09	.00	.05	.05	.05	.00	.70
5.1- 6.0	3	3	2	0	1	0	1	0	2	2	5	1	0	3	2	2	0	27
(1)	1.91	1.91	1.27	.00	.64	.00	.64	.00	1.27	1.27	3.18	.64	.00	1.91	1.27	1.27	.00	17.20
(2)	.07	.07	.05	.00	.02	.00	.02	.00	.05	.05	.12	.02	.00	.07	.05	.05	.00	.63
6.1- 8.0	3	4	1	0	0	1	3	1	2	0	4	13	3	0	5	5	0	45

Table 2.3-50— {SSES 197' (60-m) 2001-2006 April JFD - continued}

(Page 2 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.65**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	1.91	2.55	.64	.00	.00	.64	1.91	.64	1.27	.00	2.55	8.28	1.91	.00	3.18	3.18	.00	28.66
(2)	.07	.09	.02	.00	.00	.02	.07	.02	.05	.00	.09	.30	.07	.00	.12	.12	.00	1.05
8.1-10.0	0	1	0	0	0	0	0	0	1	0	0	3	0	0	2	0	0	7
(1)	.00	.64	.00	.00	.00	.00	.00	.00	.64	.00	.00	1.91	.00	.00	1.27	.00	.00	4.46
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.02	.00	.00	.07	.00	.00	.05	.00	.00	.16
10.1-40.3	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.64	.64	.00	.00	.00	.00	.00	1.27
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.05
ALL SPEEDS	10	22	12	1	4	5	8	2	7	11	20	26	3	6	11	9	0	157
(1)	6.37	14.01	7.64	.64	2.55	3.18	5.10	1.27	4.46	7.01	12.74	16.56	1.91	3.82	7.01	5.73	.00	100.00
(2)	.23	.51	.28	.02	.09	.12	.19	.05	.16	.26	.46	.60	.07	.14	.26	.21	.00	3.65

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-50— {SSES 197' (60-m) 2001-2006 April JFD - continued}

(Page 1 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.97**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	1	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	4
(1)	.00	.47	.00	.93	.00	.00	.00	.00	.00	.47	.00	.00	.00	.00	.00	.00	.00	1.87
(2)	.00	.02	.00	.05	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.09
1.1- 1.5	0	0	1	1	0	0	1	0	1	1	0	0	0	0	0	0	0	5
(1)	.00	.00	.47	.47	.00	.00	.47	.00	.47	.47	.00	.00	.00	.00	.00	.00	.00	2.34
(2)	.00	.00	.02	.02	.00	.00	.02	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.12
1.6- 2.0	1	0	0	1	4	0	3	0	0	1	0	0	0	0	0	0	0	10
(1)	.47	.00	.00	.47	1.87	.00	1.40	.00	.00	.47	.00	.00	.00	.00	.00	.00	.00	4.67
(2)	.02	.00	.00	.02	.09	.00	.07	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.23
2.1- 3.0	0	4	3	1	1	2	1	0	4	3	4	4	1	0	0	0	0	28
(1)	.00	1.87	1.40	.47	.47	.93	.47	.00	1.87	1.40	1.87	1.87	.47	.00	.00	.00	.00	13.08
(2)	.00	.09	.07	.02	.02	.05	.02	.00	.09	.07	.09	.09	.02	.00	.00	.00	.00	.65
3.1- 4.0	3	6	5	1	0	0	1	2	3	1	2	0	1	1	0	1	0	27
(1)	1.40	2.80	2.34	.47	.00	.00	.47	.93	1.40	.47	.93	.00	.47	.47	.00	.47	.00	12.62
(2)	.07	.14	.12	.02	.00	.00	.02	.05	.07	.02	.05	.00	.02	.02	.00	.02	.00	.63
4.1- 5.0	9	12	1	0	0	0	0	0	0	2	4	8	1	1	1	2	0	41
(1)	4.21	5.61	.47	.00	.00	.00	.00	.00	.00	.93	1.87	3.74	.47	.47	.47	.93	.00	19.16
(2)	.21	.28	.02	.00	.00	.00	.00	.00	.00	.05	.09	.19	.02	.02	.02	.05	.00	.95
5.1- 6.0	2	5	0	1	0	1	0	0	3	3	4	5	0	2	4	1	0	31
(1)	.93	2.34	.00	.47	.00	.47	.00	.00	1.40	1.40	1.87	2.34	.00	.93	1.87	.47	.00	14.49
(2)	.05	.12	.00	.02	.00	.02	.00	.00	.07	.07	.09	.12	.00	.05	.09	.02	.00	.72
6.1- 8.0	9	3	0	0	0	2	0	2	1	3	3	16	7	2	2	2	0	52

Table 2.3-50— {SSES 197' (60-m) 2001-2006 April JFD - continued}

(Page 2 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.97**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	4.21	1.40	.00	.00	.00	.93	.00	.93	.47	1.40	1.40	7.48	3.27	.93	.93	.93	.00	24.30
(2)	.21	.07	.00	.00	.00	.05	.00	.05	.02	.07	.07	.37	.16	.05	.05	.05	.00	1.21
8.1-10.0	0	1	0	0	0	0	1	0	0	1	2	3	3	0	0	1	0	12
(1)	.00	.47	.00	.00	.00	.00	.47	.00	.00	.47	.93	1.40	1.40	.00	.00	.47	.00	5.61
(2)	.00	.02	.00	.00	.00	.00	.02	.00	.00	.02	.05	.07	.07	.00	.00	.02	.00	.28
10.1-40.3	0	0	0	0	0	0	1	0	0	0	1	2	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.47	.00	.00	.00	.47	.93	.00	.00	.00	.00	.00	1.87
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.02	.05	.00	.00	.00	.00	.00	.09
ALL SPEEDS	24	32	10	7	5	5	8	4	12	16	20	38	13	6	7	7	0	214
(1)	11.21	14.95	4.67	3.27	2.34	2.34	3.74	1.87	5.61	7.48	9.35	17.76	6.07	2.80	3.27	3.27	.00	100.00
(2)	.56	.74	.23	.16	.12	.12	.19	.09	.28	.37	.46	.88	.30	.14	.16	.16	.00	4.97

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-50— {SSES 197' (60-m) 2001-2006 April JFD - continued}

(Page 1 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 40.95**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	4	5	7	5	4	4	0	0	1	1	1	1	0	0	0	33
(1)	.00	.00	.23	.28	.40	.28	.23	.23	.00	.00	.06	.06	.06	.06	.00	.00	.00	1.87
(2)	.00	.00	.09	.12	.16	.12	.09	.09	.00	.00	.02	.02	.02	.02	.00	.00	.00	.77
1.1- 1.5	3	7	14	7	4	5	5	6	5	6	5	4	0	0	0	4	0	75
(1)	.17	.40	.79	.40	.23	.28	.28	.34	.28	.34	.28	.23	.00	.00	.00	.23	.00	4.25
(2)	.07	.16	.33	.16	.09	.12	.12	.14	.12	.14	.12	.09	.00	.00	.00	.09	.00	1.74
1.6- 2.0	3	13	16	8	3	7	9	5	4	10	7	2	1	0	0	4	0	92
(1)	.17	.74	.91	.45	.17	.40	.51	.28	.23	.57	.40	.11	.06	.00	.00	.23	.00	5.22
(2)	.07	.30	.37	.19	.07	.16	.21	.12	.09	.23	.16	.05	.02	.00	.00	.09	.00	2.14
2.1- 3.0	14	34	28	10	10	11	9	12	15	13	26	17	11	3	14	3	0	230
(1)	.79	1.93	1.59	.57	.57	.62	.51	.68	.85	.74	1.47	.96	.62	.17	.79	.17	.00	13.05
(2)	.33	.79	.65	.23	.23	.26	.21	.28	.35	.30	.60	.39	.26	.07	.33	.07	.00	5.34
3.1- 4.0	33	32	34	4	9	9	15	9	14	10	23	21	18	21	14	16	0	282
(1)	1.87	1.82	1.93	.23	.51	.51	.85	.51	.79	.57	1.30	1.19	1.02	1.19	.79	.91	.00	16.00
(2)	.77	.74	.79	.09	.21	.21	.35	.21	.33	.23	.53	.49	.42	.49	.33	.37	.00	6.55
4.1- 5.0	46	55	29	17	7	21	18	17	11	4	24	21	18	21	29	32	0	370
(1)	2.61	3.12	1.64	.96	.40	1.19	1.02	.96	.62	.23	1.36	1.19	1.02	1.19	1.64	1.82	.00	20.99
(2)	1.07	1.28	.67	.39	.16	.49	.42	.39	.26	.09	.56	.49	.42	.49	.67	.74	.00	8.59
5.1- 6.0	44	44	21	6	5	13	20	4	10	9	22	18	22	28	43	36	0	345
(1)	2.50	2.50	1.19	.34	.28	.74	1.13	.23	.57	.51	1.25	1.02	1.25	1.59	2.44	2.04	.00	19.57
(2)	1.02	1.02	.49	.14	.12	.30	.46	.09	.23	.21	.51	.42	.51	.65	1.00	.84	.00	8.01
6.1- 8.0	20	34	13	1	1	10	7	4	11	7	20	31	33	25	33	18	0	268

Table 2.3-50— {SSES 197' (60-m) 2001-2006 April JFD - continued}

(Page 2 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 40.95**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	1.13	1.93	.74	.06	.06	.57	.40	.23	.62	.40	1.13	1.76	1.87	1.42	1.87	1.02	.00	15.20
(2)	.46	.79	.30	.02	.02	.23	.16	.09	.26	.16	.46	.72	.77	.58	.77	.42	.00	6.23
8.1-10.0	1	4	2	0	0	0	2	2	3	2	4	27	11	2	4	1	0	65
(1)	.06	.23	.11	.00	.00	.00	.11	.11	.17	.11	.23	1.53	.62	.11	.23	.06	.00	3.69
(2)	.02	.09	.05	.00	.00	.00	.05	.05	.07	.05	.09	.63	.26	.05	.09	.02	.00	1.51
10.1-40.3	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	3
(1)	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.00	.00	.00	.00	.00	.17
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.07
ALL SPEEDS	165	223	161	58	46	81	89	63	73	61	132	144	115	101	137	114	0	1763
(1)	9.36	12.65	9.13	3.29	2.61	4.59	5.05	3.57	4.14	3.46	7.49	8.17	6.52	5.73	7.77	6.47	.00	100.00
(2)	3.83	5.18	3.74	1.35	1.07	1.88	2.07	1.46	1.70	1.42	3.07	3.34	2.67	2.35	3.18	2.65	.00	40.95

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-50— {SSES 197' (60-m) 2001-2006 April JFD - continued}

(Page 1 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 24.79

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	10	9	15	14	6	4	5	11	7	9	5	1	2	1	1	4	0	104
(1)	.94	.84	1.41	1.31	.56	.37	.47	1.03	.66	.84	.47	.09	.19	.09	.09	.37	.00	9.75
(2)	.23	.21	.35	.33	.14	.09	.12	.26	.16	.21	.12	.02	.05	.02	.02	.09	.00	2.42
1.1- 1.5	8	25	29	8	4	2	2	4	9	11	13	1	3	2	2	1	0	124
(1)	.75	2.34	2.72	.75	.37	.19	.19	.37	.84	1.03	1.22	.09	.28	.19	.19	.09	.00	11.62
(2)	.19	.58	.67	.19	.09	.05	.05	.09	.21	.26	.30	.02	.07	.05	.05	.02	.00	2.88
1.6- 2.0	14	16	12	10	1	3	7	5	9	4	8	6	3	1	1	1	0	101
(1)	1.31	1.50	1.12	.94	.09	.28	.66	.47	.84	.37	.75	.56	.28	.09	.09	.09	.00	9.47
(2)	.33	.37	.28	.23	.02	.07	.16	.12	.21	.09	.19	.14	.07	.02	.02	.02	.00	2.35
2.1- 3.0	22	33	34	17	8	6	11	12	9	8	19	13	10	12	4	6	0	224
(1)	2.06	3.09	3.19	1.59	.75	.56	1.03	1.12	.84	.75	1.78	1.22	.94	1.12	.37	.56	.00	20.99
(2)	.51	.77	.79	.39	.19	.14	.26	.28	.21	.19	.44	.30	.23	.28	.09	.14	.00	5.20
3.1- 4.0	18	25	33	12	2	7	9	9	9	20	16	18	5	1	3	9	0	196
(1)	1.69	2.34	3.09	1.12	.19	.66	.84	.84	.84	1.87	1.50	1.69	.47	.09	.28	.84	.00	18.37
(2)	.42	.58	.77	.28	.05	.16	.21	.21	.21	.46	.37	.42	.12	.02	.07	.21	.00	4.55
4.1- 5.0	7	22	19	8	5	4	5	7	9	18	12	17	1	1	2	9	0	146
(1)	.66	2.06	1.78	.75	.47	.37	.47	.66	.84	1.69	1.12	1.59	.09	.09	.19	.84	.00	13.68
(2)	.16	.51	.44	.19	.12	.09	.12	.16	.21	.42	.28	.39	.02	.02	.05	.21	.00	3.39
5.1- 6.0	3	19	9	3	1	3	0	2	7	20	11	17	1	1	2	1	0	100
(1)	.28	1.78	.84	.28	.09	.28	.00	.19	.66	1.87	1.03	1.59	.09	.09	.19	.09	.00	9.37
(2)	.07	.44	.21	.07	.02	.07	.00	.05	.16	.46	.26	.39	.02	.02	.05	.02	.00	2.32
6.1- 8.0	0	7	3	1	5	1	1	1	9	11	9	13	2	0	0	0	0	63

Table 2.3-50— {SSES 197' (60-m) 2001-2006 April JFD - continued}

(Page 2 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 24.79**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.66	.28	.09	.47	.09	.09	.09	.84	1.03	.84	1.22	.19	.00	.00	.00	.00	5.90
(2)	.00	.16	.07	.02	.12	.02	.02	.02	.21	.26	.21	.30	.05	.00	.00	.00	.00	1.46
8.1-10.0	0	0	1	0	0	0	0	0	0	2	3	2	0	0	0	0	0	8
(1)	.00	.00	.09	.00	.00	.00	.00	.00	.00	.19	.28	.19	.00	.00	.00	.00	.00	.75
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.05	.07	.05	.00	.00	.00	.00	.00	.19
10.1-40.3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
ALL SPEEDS	82	156	155	73	32	30	40	51	68	103	97	88	27	19	15	31	0	1067
(1)	7.69	14.62	14.53	6.84	3.00	2.81	3.75	4.78	6.37	9.65	9.09	8.25	2.53	1.78	1.41	2.91	.00	100.00
(2)	1.90	3.62	3.60	1.70	.74	.70	.93	1.18	1.58	2.39	2.25	2.04	.63	.44	.35	.72	.00	24.79

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-50— {SSES 197' (60-m) 2001-2006 April JFD - continued}
(Page 1 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 7.22**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.32	.00	.00	.00	.00	.00	.32	.00	.00	.00	.00	.00	.00	.00	.64
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.05
.5- 1.0	3	5	13	9	6	4	8	1	7	2	0	0	1	3	0	0	0	62
(1)	.96	1.61	4.18	2.89	1.93	1.29	2.57	.32	2.25	.64	.00	.00	.32	.96	.00	.00	.00	19.94
(2)	.07	.12	.30	.21	.14	.09	.19	.02	.16	.05	.00	.00	.02	.07	.00	.00	.00	1.44
1.1- 1.5	7	20	28	5	3	4	2	4	4	6	2	1	1	0	0	0	0	87
(1)	2.25	6.43	9.00	1.61	.96	1.29	.64	1.29	1.29	1.93	.64	.32	.32	.00	.00	.00	.00	27.97
(2)	.16	.46	.65	.12	.07	.09	.05	.09	.09	.14	.05	.02	.02	.00	.00	.00	.00	2.02
1.6- 2.0	9	22	6	1	1	1	1	2	4	3	3	1	0	1	1	1	0	57
(1)	2.89	7.07	1.93	.32	.32	.32	.32	.64	1.29	.96	.96	.32	.00	.32	.32	.32	.00	18.33
(2)	.21	.51	.14	.02	.02	.02	.02	.05	.09	.07	.07	.02	.00	.02	.02	.02	.00	1.32
2.1- 3.0	6	24	9	1	1	0	0	3	3	2	8	2	1	1	2	0	0	63
(1)	1.93	7.72	2.89	.32	.32	.00	.00	.96	.96	.64	2.57	.64	.32	.32	.64	.00	.00	20.26
(2)	.14	.56	.21	.02	.02	.00	.00	.07	.07	.05	.19	.05	.02	.02	.05	.00	.00	1.46
3.1- 4.0	3	4	2	0	0	0	1	1	2	3	1	7	0	0	0	0	0	24
(1)	.96	1.29	.64	.00	.00	.00	.32	.32	.64	.96	.32	2.25	.00	.00	.00	.00	.00	7.72
(2)	.07	.09	.05	.00	.00	.00	.02	.02	.05	.07	.02	.16	.00	.00	.00	.00	.00	.56
4.1- 5.0	0	2	0	0	0	0	0	0	0	4	0	6	0	0	0	0	0	12
(1)	.00	.64	.00	.00	.00	.00	.00	.00	.00	1.29	.00	1.93	.00	.00	.00	.00	.00	3.86
(2)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.09	.00	.14	.00	.00	.00	.00	.00	.28
5.1- 6.0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.64	.32	.32	.00	.00	.00	.00	.00	1.29
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.02	.02	.00	.00	.00	.00	.00	.09
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-50— {SSES 197' (60-m) 2001-2006 April JFD - continued}
(Page 2 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 7.22**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	28	77	58	17	11	9	12	11	20	23	15	18	3	5	3	1	0	311
(1)	9.00	24.76	18.65	5.47	3.54	2.89	3.86	3.54	6.43	7.40	4.82	5.79	.96	1.61	.96	.32	.00	100.00
(2)	.65	1.79	1.35	.39	.26	.21	.28	.26	.46	.53	.35	.42	.07	.12	.07	.02	.00	7.22

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-50— {SSES 197' (60-m) 2001-2006 April JFD - continued}

(Page 1 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 9.64**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	4	5	23	14	6	8	4	3	3	1	0	2	1	0	0	0	0	74
(1)	.96	1.20	5.54	3.37	1.45	1.93	.96	.72	.72	.24	.00	.48	.24	.00	.00	.00	.00	17.83
(2)	.09	.12	.53	.33	.14	.19	.09	.07	.07	.02	.00	.05	.02	.00	.00	.00	.00	1.72
1.1- 1.5	8	25	29	8	7	3	5	4	3	4	3	0	0	0	0	0	0	99
(1)	1.93	6.02	6.99	1.93	1.69	.72	1.20	.96	.72	.96	.72	.00	.00	.00	.00	.00	.00	23.86
(2)	.19	.58	.67	.19	.16	.07	.12	.09	.07	.09	.07	.00	.00	.00	.00	.00	.00	2.30
1.6- 2.0	16	41	13	8	3	1	1	3	7	1	2	1	0	0	0	1	0	98
(1)	3.86	9.88	3.13	1.93	.72	.24	.24	.72	1.69	.24	.48	.24	.00	.00	.00	.24	.00	23.61
(2)	.37	.95	.30	.19	.07	.02	.02	.07	.16	.02	.05	.02	.00	.00	.00	.02	.00	2.28
2.1- 3.0	30	57	18	1	2	2	0	1	2	3	5	2	0	0	1	0	0	124
(1)	7.23	13.73	4.34	.24	.48	.48	.00	.24	.48	.72	1.20	.48	.00	.00	.24	.00	.00	29.88
(2)	.70	1.32	.42	.02	.05	.05	.00	.02	.05	.07	.12	.05	.00	.00	.02	.00	.00	2.88
3.1- 4.0	2	5	3	0	0	0	0	0	1	4	0	0	0	0	0	0	0	15
(1)	.48	1.20	.72	.00	.00	.00	.00	.00	.24	.96	.00	.00	.00	.00	.00	.00	.00	3.61
(2)	.05	.12	.07	.00	.00	.00	.00	.00	.02	.09	.00	.00	.00	.00	.00	.00	.00	.35
4.1- 5.0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.24	.00	.00	.48	.00	.00	.00	.00	.00	.72
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.05	.00	.00	.00	.00	.00	.07
5.1- 6.0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24	.00	.00	.00	.00	.00	.00	.00	.24
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-50— {SSES 197' (60-m) 2001-2006 April JFD - continued}

(Page 2 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 9.64**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	60	133	86	32	18	14	10	11	17	14	10	7	1	0	1	1	0	415
(1)	14.46	32.05	20.72	7.71	4.34	3.37	2.41	2.65	4.10	3.37	2.41	1.69	.24	.00	.24	.24	.00	100.00
(2)	1.39	3.09	2.00	.74	.42	.33	.23	.26	.39	.33	.23	.16	.02	.00	.02	.02	.00	9.64

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-50— {SSES 197' (60-m) 2001-2006 April JFD - continued}

(Page 1 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.05	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.00	.05	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	17	20	57	44	26	22	22	19	17	13	6	4	5	5	1	4	0	282
(1)	.39	.46	1.32	1.02	.60	.51	.51	.44	.39	.30	.14	.09	.12	.12	.02	.09	.00	6.55
(2)	.39	.46	1.32	1.02	.60	.51	.51	.44	.39	.30	.14	.09	.12	.12	.02	.09	.00	6.55
1.1- 1.5	26	77	101	32	19	16	17	18	24	32	24	8	4	2	2	5	0	407
(1)	.60	1.79	2.35	.74	.44	.37	.39	.42	.56	.74	.56	.19	.09	.05	.05	.12	.00	9.45
(2)	.60	1.79	2.35	.74	.44	.37	.39	.42	.56	.74	.56	.19	.09	.05	.05	.12	.00	9.45
1.6- 2.0	43	93	50	30	12	15	23	17	27	23	23	12	4	3	2	7	0	384
(1)	1.00	2.16	1.16	.70	.28	.35	.53	.39	.63	.53	.53	.28	.09	.07	.05	.16	.00	8.92
(2)	1.00	2.16	1.16	.70	.28	.35	.53	.39	.63	.53	.53	.28	.09	.07	.05	.16	.00	8.92
2.1- 3.0	75	153	98	34	27	24	24	30	38	43	76	42	23	16	21	10	0	734
(1)	1.74	3.55	2.28	.79	.63	.56	.56	.70	.88	1.00	1.77	.98	.53	.37	.49	.23	.00	17.05
(2)	1.74	3.55	2.28	.79	.63	.56	.56	.70	.88	1.00	1.77	.98	.53	.37	.49	.23	.00	17.05
3.1- 4.0	61	88	81	17	12	18	27	23	37	53	68	54	24	25	17	26	0	631
(1)	1.42	2.04	1.88	.39	.28	.42	.63	.53	.86	1.23	1.58	1.25	.56	.58	.39	.60	.00	14.66
(2)	1.42	2.04	1.88	.39	.28	.42	.63	.53	.86	1.23	1.58	1.25	.56	.58	.39	.60	.00	14.66
4.1- 5.0	72	119	55	26	13	25	24	24	21	38	60	67	21	28	35	47	0	675
(1)	1.67	2.76	1.28	.60	.30	.58	.56	.56	.49	.88	1.39	1.56	.49	.65	.81	1.09	.00	15.68
(2)	1.67	2.76	1.28	.60	.30	.58	.56	.56	.49	.88	1.39	1.56	.49	.65	.81	1.09	.00	15.68
5.1- 6.0	54	87	34	10	7	17	24	8	23	43	61	50	25	35	51	43	0	572
(1)	1.25	2.02	.79	.23	.16	.39	.56	.19	.53	1.00	1.42	1.16	.58	.81	1.18	1.00	.00	13.29
(2)	1.25	2.02	.79	.23	.16	.39	.56	.19	.53	1.00	1.42	1.16	.58	.81	1.18	1.00	.00	13.29
6.1- 8.0	33	53	18	2	6	14	15	11	27	30	57	95	46	27	41	27	0	502

Table 2.3-50— {SSES 197' (60-m) 2001-2006 April JFD - continued}
(Page 2 of 2)

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.77	1.23	.42	.05	.14	.33	.35	.26	.63	.70	1.32	2.21	1.07	.63	.95	.63	.00	11.66
(2)	.77	1.23	.42	.05	.14	.33	.35	.26	.63	.70	1.32	2.21	1.07	.63	.95	.63	.00	11.66
8.1-10.0	2	7	3	0	0	1	3	3	5	6	11	37	14	2	7	2	0	103
(1)	.05	.16	.07	.00	.00	.02	.07	.07	.12	.14	.26	.86	.33	.05	.16	.05	.00	2.39
(2)	.05	.16	.07	.00	.00	.02	.07	.07	.12	.14	.26	.86	.33	.05	.16	.05	.00	2.39
10.1-40.3	1	0	0	0	0	0	1	0	1	0	3	6	0	0	0	0	0	12
(1)	.02	.00	.00	.00	.00	.00	.02	.00	.02	.00	.07	.14	.00	.00	.00	.00	.00	.28
(2)	.02	.00	.00	.00	.00	.00	.02	.00	.02	.00	.07	.14	.00	.00	.00	.00	.00	.28
ALL SPEEDS	384	697	497	197	122	152	180	153	220	282	389	375	166	143	177	171	0	4305
(1)	8.92	16.19	11.54	4.58	2.83	3.53	4.18	3.55	5.11	6.55	9.04	8.71	3.86	3.32	4.11	3.97	.00	100.00
(2)	8.92	16.19	11.54	4.58	2.83	3.53	4.18	3.55	5.11	6.55	9.04	8.71	3.86	3.32	4.11	3.97	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-51— {SSES 197' (60-m) 2001-2006 May JFD}

(Page 1 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 6.47**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.37	.00	.00	.00	.00	.00	.00	.00	.00	.37
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.02
1.1- 1.5	0	0	0	3	0	0	0	0	0	1	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	1.12	.00	.00	.00	.00	.00	.37	.00	.00	.00	.00	.00	.00	.00	1.49
(2)	.00	.00	.00	.07	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.10
1.6- 2.0	0	1	2	4	1	2	1	0	1	2	3	0	1	0	1	0	0	19
(1)	.00	.37	.74	1.49	.37	.74	.37	.00	.37	.74	1.12	.00	.37	.00	.37	.00	.00	7.06
(2)	.00	.02	.05	.10	.02	.05	.02	.00	.02	.05	.07	.00	.02	.00	.02	.00	.00	.46
2.1- 3.0	0	2	8	0	3	5	3	4	5	9	9	2	0	0	0	1	0	51
(1)	.00	.74	2.97	.00	1.12	1.86	1.12	1.49	1.86	3.35	3.35	.74	.00	.00	.00	.37	.00	18.96
(2)	.00	.05	.19	.00	.07	.12	.07	.10	.12	.22	.22	.05	.00	.00	.00	.02	.00	1.23
3.1- 4.0	0	3	6	1	1	3	2	3	3	6	17	4	0	1	0	1	0	51
(1)	.00	1.12	2.23	.37	.37	1.12	.74	1.12	1.12	2.23	6.32	1.49	.00	.37	.00	.37	.00	18.96
(2)	.00	.07	.14	.02	.02	.07	.05	.07	.07	.14	.41	.10	.00	.02	.00	.02	.00	1.23
4.1- 5.0	4	4	1	1	1	0	1	4	7	6	14	6	0	1	1	0	0	51
(1)	1.49	1.49	.37	.37	.37	.00	.37	1.49	2.60	2.23	5.20	2.23	.00	.37	.37	.00	.00	18.96
(2)	.10	.10	.02	.02	.02	.00	.02	.10	.17	.14	.34	.14	.00	.02	.02	.00	.00	1.23
5.1- 6.0	5	4	0	2	0	1	1	1	7	10	9	6	2	0	0	0	0	48
(1)	1.86	1.49	.00	.74	.00	.37	.37	.37	2.60	3.72	3.35	2.23	.74	.00	.00	.00	.00	17.84
(2)	.12	.10	.00	.05	.00	.02	.02	.02	.17	.24	.22	.14	.05	.00	.00	.00	.00	1.16
6.1- 8.0	8	4	1	0	0	0	0	0	4	4	10	9	0	0	0	0	0	40

Table 2.3-51— {SSES 197' (60-m) 2001-2006 May JFD}

(Page 2 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 6.47**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	2.97	1.49	.37	.00	.00	.00	.00	.00	1.49	1.49	3.72	3.35	.00	.00	.00	.00	.00	14.87
(2)	.19	.10	.02	.00	.00	.00	.00	.00	.10	.10	.24	.22	.00	.00	.00	.00	.00	.96
8.1-10.0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4
(1)	1.12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.37	.00	.00	.00	.00	.00	1.49
(2)	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.10
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	20	18	18	11	6	11	8	12	28	38	62	28	3	2	2	2	0	269
(1)	7.43	6.69	6.69	4.09	2.23	4.09	2.97	4.46	10.41	14.13	23.05	10.41	1.12	.74	.74	.74	.00	100.00
(2)	.48	.43	.43	.26	.14	.26	.19	.29	.67	.91	1.49	.67	.07	.05	.05	.05	.00	6.47

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-51— {SSES 197' (60-m) 2001-2006 May JFD - continued}

(Page 1 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 3.97

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.61	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.61
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
1.1- 1.5	0	1	1	0	0	1	0	0	1	1	1	0	0	0	0	0	0	6
(1)	.00	.61	.61	.00	.00	.61	.00	.00	.61	.61	.61	.00	.00	.00	.00	.00	.00	3.64
(2)	.00	.02	.02	.00	.00	.02	.00	.00	.02	.02	.02	.00	.00	.00	.00	.00	.00	.14
1.6- 2.0	0	2	4	3	0	0	0	0	1	2	1	0	0	0	0	0	0	13
(1)	.00	1.21	2.42	1.82	.00	.00	.00	.00	.61	1.21	.61	.00	.00	.00	.00	.00	.00	7.88
(2)	.00	.05	.10	.07	.00	.00	.00	.00	.02	.05	.02	.00	.00	.00	.00	.00	.00	.31
2.1- 3.0	0	1	1	0	1	1	1	2	1	5	3	1	1	0	0	0	0	18
(1)	.00	.61	.61	.00	.61	.61	.61	1.21	.61	3.03	1.82	.61	.61	.00	.00	.00	.00	10.91
(2)	.00	.02	.02	.00	.02	.02	.02	.05	.02	.12	.07	.02	.02	.00	.00	.00	.00	.43
3.1- 4.0	0	4	3	1	4	1	1	1	1	1	1	3	0	0	2	0	0	23
(1)	.00	2.42	1.82	.61	2.42	.61	.61	.61	.61	.61	.61	1.82	.00	.00	1.21	.00	.00	13.94
(2)	.00	.10	.07	.02	.10	.02	.02	.02	.02	.02	.02	.07	.00	.00	.05	.00	.00	.55
4.1- 5.0	2	2	3	0	0	1	2	1	0	3	10	5	2	2	0	1	0	34
(1)	1.21	1.21	1.82	.00	.00	.61	1.21	.61	.00	1.82	6.06	3.03	1.21	1.21	.00	.61	.00	20.61
(2)	.05	.05	.07	.00	.00	.02	.05	.02	.00	.07	.24	.12	.05	.05	.00	.02	.00	.82
5.1- 6.0	5	1	2	1	1	0	2	2	1	1	8	5	0	2	1	3	0	35
(1)	3.03	.61	1.21	.61	.61	.00	1.21	1.21	.61	.61	4.85	3.03	.00	1.21	.61	1.82	.00	21.21
(2)	.12	.02	.05	.02	.02	.00	.05	.05	.02	.02	.19	.12	.00	.05	.02	.07	.00	.84
6.1- 8.0	6	2	0	0	2	0	0	0	1	0	8	7	0	0	0	3	0	29

Table 2.3-51— {SSES 197' (60-m) 2001-2006 May JFD - continued}
(Page 2 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.97**
WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	3.64	1.21	.00	.00	1.21	.00	.00	.00	.61	.00	4.85	4.24	.00	.00	.00	1.82	.00	17.58
(2)	.14	.05	.00	.00	.05	.00	.00	.00	.02	.00	.19	.17	.00	.00	.00	.07	.00	.70
8.1-10.0	3	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	6
(1)	1.82	.61	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.21	.00	.00	.00	.00	.00	3.64
(2)	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.14
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	16	14	14	5	9	4	6	6	6	13	32	23	3	4	3	7	0	165
(1)	9.70	8.48	8.48	3.03	5.45	2.42	3.64	3.64	3.64	7.88	19.39	13.94	1.82	2.42	1.82	4.24	.00	100.00
(2)	.39	.34	.34	.12	.22	.10	.14	.14	.14	.31	.77	.55	.07	.10	.07	.17	.00	3.97

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-51— {SSES 197' (60-m) 2001-2006 May JFD - continued}
(Page 1 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 5.78

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.42	.00	.00	.00	.00	.42	.00	.00	.00	.00	.00	.00	.00	.00	.83
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.05
1.1- 1.5	0	2	0	1	1	0	0	1	0	0	0	0	0	0	0	1	0	6
(1)	.00	.83	.00	.42	.42	.00	.00	.42	.00	.00	.00	.00	.00	.00	.00	.42	.00	2.50
(2)	.00	.05	.00	.02	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02	.00	.14
1.6- 2.0	1	2	2	0	0	1	1	0	1	2	0	0	0	0	0	0	0	10
(1)	.42	.83	.83	.00	.00	.42	.42	.00	.42	.83	.00	.00	.00	.00	.00	.00	.00	4.17
(2)	.02	.05	.05	.00	.00	.02	.02	.00	.02	.05	.00	.00	.00	.00	.00	.00	.00	.24
2.1- 3.0	2	1	5	2	0	2	1	1	1	7	6	2	2	0	0	0	0	32
(1)	.83	.42	2.08	.83	.00	.83	.42	.42	.42	2.92	2.50	.83	.83	.00	.00	.00	.00	13.33
(2)	.05	.02	.12	.05	.00	.05	.02	.02	.02	.17	.14	.05	.05	.00	.00	.00	.00	.77
3.1- 4.0	3	3	4	0	3	2	0	0	2	7	11	3	1	0	2	0	0	41
(1)	1.25	1.25	1.67	.00	1.25	.83	.00	.00	.83	2.92	4.58	1.25	.42	.00	.83	.00	.00	17.08
(2)	.07	.07	.10	.00	.07	.05	.00	.00	.05	.17	.26	.07	.02	.00	.05	.00	.00	.99
4.1- 5.0	3	2	1	2	1	3	6	1	0	4	17	5	5	2	2	1	0	55
(1)	1.25	.83	.42	.83	.42	1.25	2.50	.42	.00	1.67	7.08	2.08	2.08	.83	.83	.42	.00	22.92
(2)	.07	.05	.02	.05	.02	.07	.14	.02	.00	.10	.41	.12	.12	.05	.05	.02	.00	1.32
5.1- 6.0	3	4	0	3	1	0	3	3	2	3	6	8	1	1	0	6	0	44
(1)	1.25	1.67	.00	1.25	.42	.00	1.25	1.25	.83	1.25	2.50	3.33	.42	.42	.00	2.50	.00	18.33
(2)	.07	.10	.00	.07	.02	.00	.07	.07	.05	.07	.14	.19	.02	.02	.00	.14	.00	1.06
6.1- 8.0	6	2	0	0	0	1	0	0	4	1	7	9	3	2	1	2	0	38

Table 2.3-51— {SSES 197' (60-m) 2001-2006 May JFD - continued}

(Page 2 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 5.78**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	2.50	.83	.00	.00	.00	.42	.00	.00	1.67	.42	2.92	3.75	1.25	.83	.42	.83	.00	15.83
(2)	.14	.05	.00	.00	.00	.02	.00	.00	.10	.02	.17	.22	.07	.05	.02	.05	.00	.91
8.1-10.0	1	0	0	0	0	0	0	0	0	0	1	8	0	0	0	1	0	11
(1)	.42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.42	3.33	.00	.00	.00	.42	.00	4.58
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.19	.00	.00	.00	.02	.00	.26
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.42	.00	.00	.00	.00	.00	.42
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
ALL SPEEDS	19	16	12	9	6	9	11	6	11	24	48	36	12	5	5	11	0	240
(1)	7.92	6.67	5.00	3.75	2.50	3.75	4.58	2.50	4.58	10.00	20.00	15.00	5.00	2.08	2.08	4.58	.00	100.00
(2)	.46	.39	.29	.22	.14	.22	.26	.14	.26	.58	1.16	.87	.29	.12	.12	.26	.00	5.78

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-51— {SSES 197' (60-m) 2001-2006 May JFD - continued}
(Page 1 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 39.16**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	1	6	7	7	6	6	5	4	4	1	0	0	1	1	1	0	0	50
(1)	.06	.37	.43	.43	.37	.37	.31	.25	.25	.06	.00	.00	.06	.06	.06	.00	.00	3.07
(2)	.02	.14	.17	.17	.14	.14	.12	.10	.10	.02	.00	.00	.02	.02	.02	.00	.00	1.20
1.1- 1.5	3	9	17	11	4	6	8	9	5	8	10	3	0	1	1	2	0	97
(1)	.18	.55	1.04	.68	.25	.37	.49	.55	.31	.49	.61	.18	.00	.06	.06	.12	.00	5.96
(2)	.07	.22	.41	.26	.10	.14	.19	.22	.12	.19	.24	.07	.00	.02	.02	.05	.00	2.33
1.6- 2.0	2	10	13	6	5	8	8	6	5	15	28	7	2	1	2	0	0	118
(1)	.12	.61	.80	.37	.31	.49	.49	.37	.31	.92	1.72	.43	.12	.06	.12	.00	.00	7.25
(2)	.05	.24	.31	.14	.12	.19	.19	.14	.12	.36	.67	.17	.05	.02	.05	.00	.00	2.84
2.1- 3.0	8	27	40	24	17	14	18	13	18	27	41	21	8	7	5	11	0	299
(1)	.49	1.66	2.46	1.48	1.04	.86	1.11	.80	1.11	1.66	2.52	1.29	.49	.43	.31	.68	.00	18.38
(2)	.19	.65	.96	.58	.41	.34	.43	.31	.43	.65	.99	.51	.19	.17	.12	.26	.00	7.20
3.1- 4.0	22	23	27	20	14	11	16	20	10	12	39	15	9	11	4	12	0	265
(1)	1.35	1.41	1.66	1.23	.86	.68	.98	1.23	.61	.74	2.40	.92	.55	.68	.25	.74	.00	16.29
(2)	.53	.55	.65	.48	.34	.26	.39	.48	.24	.29	.94	.36	.22	.26	.10	.29	.00	6.38
4.1- 5.0	29	26	19	11	9	14	13	12	15	15	26	34	16	14	21	24	0	298
(1)	1.78	1.60	1.17	.68	.55	.86	.80	.74	.92	.92	1.60	2.09	.98	.86	1.29	1.48	.00	18.32
(2)	.70	.63	.46	.26	.22	.34	.31	.29	.36	.36	.63	.82	.39	.34	.51	.58	.00	7.17
5.1- 6.0	24	30	6	2	4	9	9	12	10	10	26	32	19	12	12	20	0	237
(1)	1.48	1.84	.37	.12	.25	.55	.55	.74	.61	.61	1.60	1.97	1.17	.74	.74	1.23	.00	14.57
(2)	.58	.72	.14	.05	.10	.22	.22	.29	.24	.24	.63	.77	.46	.29	.29	.48	.00	5.70
6.1- 8.0	15	20	0	1	12	11	1	2	11	7	15	51	24	13	10	8	0	201

Table 2.3-51— {SSES 197' (60-m) 2001-2006 May JFD - continued}

(Page 2 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 39.16

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.92	1.23	.00	.06	.74	.68	.06	.12	.68	.43	.92	3.13	1.48	.80	.61	.49	.00	12.35
(2)	.36	.48	.00	.02	.29	.26	.02	.05	.26	.17	.36	1.23	.58	.31	.24	.19	.00	4.84
8.1-10.0	0	0	0	1	3	3	0	1	5	2	8	16	11	7	0	0	0	57
(1)	.00	.00	.00	.06	.18	.18	.00	.06	.31	.12	.49	.98	.68	.43	.00	.00	.00	3.50
(2)	.00	.00	.00	.02	.07	.07	.00	.02	.12	.05	.19	.39	.26	.17	.00	.00	.00	1.37
10.1-40.3	0	0	0	0	1	1	0	0	0	0	0	2	1	0	0	0	0	5
(1)	.00	.00	.00	.00	.06	.06	.00	.00	.00	.00	.00	.12	.06	.00	.00	.00	.00	.31
(2)	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.05	.02	.00	.00	.00	.00	.12
ALL SPEEDS	104	151	129	83	75	83	78	79	83	97	193	181	91	67	56	77	0	1627
(1)	6.39	9.28	7.93	5.10	4.61	5.10	4.79	4.86	5.10	5.96	11.86	11.12	5.59	4.12	3.44	4.73	.00	100.00
(2)	2.50	3.63	3.10	2.00	1.81	2.00	1.88	1.90	2.00	2.33	4.65	4.36	2.19	1.61	1.35	1.85	.00	39.16

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-51— {SSES 197' (60-m) 2001-2006 May JFD - continued}

(Page 1 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 26.23

	WIND DIRECTION FROM																	
SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	5	12	31	19	23	12	10	6	5	13	6	3	1	0	1	0	0	147
(1)	.46	1.10	2.84	1.74	2.11	1.10	.92	.55	.46	1.19	.55	.28	.09	.00	.09	.00	.00	13.49
(2)	.12	.29	.75	.46	.55	.29	.24	.14	.12	.31	.14	.07	.02	.00	.02	.00	.00	3.54
1.1- 1.5	6	24	31	12	10	6	8	10	8	11	9	4	0	3	0	4	0	146
(1)	.55	2.20	2.84	1.10	.92	.55	.73	.92	.73	1.01	.83	.37	.00	.28	.00	.37	.00	13.39
(2)	.14	.58	.75	.29	.24	.14	.19	.24	.19	.26	.22	.10	.00	.07	.00	.10	.00	3.51
1.6- 2.0	11	35	15	11	5	9	2	8	4	12	9	5	4	2	2	0	0	134
(1)	1.01	3.21	1.38	1.01	.46	.83	.18	.73	.37	1.10	.83	.46	.37	.18	.18	.00	.00	12.29
(2)	.26	.84	.36	.26	.12	.22	.05	.19	.10	.29	.22	.12	.10	.05	.05	.00	.00	3.23
2.1- 3.0	26	43	31	21	8	12	7	16	14	27	29	14	6	3	4	4	0	265
(1)	2.39	3.94	2.84	1.93	.73	1.10	.64	1.47	1.28	2.48	2.66	1.28	.55	.28	.37	.37	.00	24.31
(2)	.63	1.03	.75	.51	.19	.29	.17	.39	.34	.65	.70	.34	.14	.07	.10	.10	.00	6.38
3.1- 4.0	8	20	20	10	9	2	9	11	21	27	21	12	2	2	4	7	0	185
(1)	.73	1.83	1.83	.92	.83	.18	.83	1.01	1.93	2.48	1.93	1.10	.18	.18	.37	.64	.00	16.97
(2)	.19	.48	.48	.24	.22	.05	.22	.26	.51	.65	.51	.29	.05	.05	.10	.17	.00	4.45
4.1- 5.0	8	8	9	5	8	4	7	5	9	12	14	14	4	3	4	9	0	123
(1)	.73	.73	.83	.46	.73	.37	.64	.46	.83	1.10	1.28	1.28	.37	.28	.37	.83	.00	11.28
(2)	.19	.19	.22	.12	.19	.10	.17	.12	.22	.29	.34	.34	.10	.07	.10	.22	.00	2.96
5.1- 6.0	1	2	3	0	0	0	2	2	8	7	8	9	2	1	7	3	0	55
(1)	.09	.18	.28	.00	.00	.00	.18	.18	.73	.64	.73	.83	.18	.09	.64	.28	.00	5.05
(2)	.02	.05	.07	.00	.00	.00	.05	.05	.19	.17	.19	.22	.05	.02	.17	.07	.00	1.32
6.1- 8.0	0	3	0	0	1	4	1	0	6	6	2	6	2	0	1	0	0	32

Table 2.3-51— {SSES 197' (60-m) 2001-2006 May JFD - continued}
(Page 2 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 26.23**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.28	.00	.00	.09	.37	.09	.00	.55	.55	.18	.55	.18	.00	.09	.00	.00	2.94
(2)	.00	.07	.00	.00	.02	.10	.02	.00	.14	.14	.05	.14	.05	.00	.02	.00	.00	.77
8.1-10.0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.09	.00	.00	.00	.00	.00	.18
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02	.00	.00	.00	.00	.00	.05
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	65	147	140	78	64	49	47	58	76	115	98	68	21	14	23	27	0	1090
(1)	5.96	13.49	12.84	7.16	5.87	4.50	4.31	5.32	6.97	10.55	8.99	6.24	1.93	1.28	2.11	2.48	.00	100.00
(2)	1.56	3.54	3.37	1.88	1.54	1.18	1.13	1.40	1.83	2.77	2.36	1.64	.51	.34	.55	.65	.00	26.23

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-51— {SSES 197' (60-m) 2001-2006 May JFD - continued}

(Page 1 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA | STABILITY CLASS F | CLASS FREQUENCY (PERCENT) = 11.72

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	2	5	13	11	11	10	15	5	2	2	2	1	1	1	0	1	0	82
(1)	.41	1.03	2.67	2.26	2.26	2.05	3.08	1.03	.41	.41	.41	.21	.21	.21	.00	.21	.00	16.84
(2)	.05	.12	.31	.26	.26	.24	.36	.12	.05	.05	.05	.02	.02	.02	.00	.02	.00	1.97
1.1- 1.5	7	22	31	10	4	6	9	5	6	1	4	0	1	0	3	0	0	109
(1)	1.44	4.52	6.37	2.05	.82	1.23	1.85	1.03	1.23	.21	.82	.00	.21	.00	.62	.00	.00	22.38
(2)	.17	.53	.75	.24	.10	.14	.22	.12	.14	.02	.10	.00	.02	.00	.07	.00	.00	2.62
1.6- 2.0	9	38	25	3	6	4	1	0	2	5	11	1	2	1	0	0	0	108
(1)	1.85	7.80	5.13	.62	1.23	.82	.21	.00	.41	1.03	2.26	.21	.41	.21	.00	.00	.00	22.18
(2)	.22	.91	.60	.07	.14	.10	.02	.00	.05	.12	.26	.02	.05	.02	.00	.00	.00	2.60
2.1- 3.0	14	61	16	1	2	2	1	4	5	8	7	1	1	0	1	4	0	128
(1)	2.87	12.53	3.29	.21	.41	.41	.21	.82	1.03	1.64	1.44	.21	.21	.00	.21	.82	.00	26.28
(2)	.34	1.47	.39	.02	.05	.05	.02	.10	.12	.19	.17	.02	.02	.00	.02	.10	.00	3.08
3.1- 4.0	5	14	0	0	1	0	0	2	3	1	9	5	1	0	1	1	0	43
(1)	1.03	2.87	.00	.00	.21	.00	.00	.41	.62	.21	1.85	1.03	.21	.00	.21	.21	.00	8.83
(2)	.12	.34	.00	.00	.02	.00	.00	.05	.07	.02	.22	.12	.02	.00	.02	.02	.00	1.03
4.1- 5.0	1	0	1	0	0	0	0	0	0	0	1	3	0	0	0	1	0	7
(1)	.21	.00	.21	.00	.00	.00	.00	.00	.00	.00	.21	.62	.00	.00	.00	.21	.00	1.44
(2)	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02	.07	.00	.00	.00	.02	.00	.17
5.1- 6.0	1	0	0	0	1	0	0	0	0	0	0	7	0	0	0	0	0	9
(1)	.21	.00	.00	.00	.21	.00	.00	.00	.00	.00	.00	1.44	.00	.00	.00	.00	.00	1.85
(2)	.02	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.17	.00	.00	.00	.00	.00	.22
6.1- 8.0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Table 2.3-51— {SSES 197' (60-m) 2001-2006 May JFD - continued}
(Page 2 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 11.72**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.21
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	40	140	86	25	25	22	26	16	18	17	34	18	6	2	5	7	0	487
(1)	8.21	28.75	17.66	5.13	5.13	4.52	5.34	3.29	3.70	3.49	6.98	3.70	1.23	.41	1.03	1.44	.00	100.00
(2)	.96	3.37	2.07	.60	.60	.53	.63	.39	.43	.41	.82	.43	.14	.05	.12	.17	.00	11.72

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-51— {SSES 197' (60-m) 2001-2006 May JFD - continued}

(Page 1 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 6.67**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	4	8	3	3	2	4	0	0	0	0	0	0	0	0	0	0	24
(1)	.00	1.44	2.89	1.08	1.08	.72	1.44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.66
(2)	.00	.10	.19	.07	.07	.05	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.58
1.1- 1.5	3	8	25	9	4	4	5	4	1	1	0	0	0	0	0	0	0	64
(1)	1.08	2.89	9.03	3.25	1.44	1.44	1.81	1.44	.36	.36	.00	.00	.00	.00	.00	.00	.00	23.10
(2)	.07	.19	.60	.22	.10	.10	.12	.10	.02	.02	.00	.00	.00	.00	.00	.00	.00	1.54
1.6- 2.0	3	41	16	3	0	1	0	0	5	3	2	0	1	0	0	0	0	75
(1)	1.08	14.80	5.78	1.08	.00	.36	.00	.00	1.81	1.08	.72	.00	.36	.00	.00	.00	.00	27.08
(2)	.07	.99	.39	.07	.00	.02	.00	.00	.12	.07	.05	.00	.02	.00	.00	.00	.00	1.81
2.1- 3.0	5	39	18	1	0	3	0	3	2	3	9	1	0	1	1	4	0	90
(1)	1.81	14.08	6.50	.36	.00	1.08	.00	1.08	.72	1.08	3.25	.36	.00	.36	.36	1.44	.00	32.49
(2)	.12	.94	.43	.02	.00	.07	.00	.07	.05	.07	.22	.02	.00	.02	.02	.10	.00	2.17
3.1- 4.0	1	6	2	0	0	0	1	0	0	2	5	2	0	0	0	1	0	20
(1)	.36	2.17	.72	.00	.00	.00	.36	.00	.00	.72	1.81	.72	.00	.00	.00	.36	.00	7.22
(2)	.02	.14	.05	.00	.00	.00	.02	.00	.00	.05	.12	.05	.00	.00	.00	.02	.00	.48
4.1- 5.0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3
(1)	.72	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.36	.00	.00	.00	.00	.00	1.08
(2)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.07
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.36	.00	.00	.00	.00	.00	.36
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-51— {SSES 197' (60-m) 2001-2006 May JFD - continued}

(Page 2 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 6.67**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	14	98	69	16	7	10	10	7	8	9	16	5	1	1	1	5	0	277
(1)	5.05	35.38	24.91	5.78	2.53	3.61	3.61	2.53	2.89	3.25	5.78	1.81	.36	.36	.36	1.81	.00	100.00
(2)	.34	2.36	1.66	.39	.17	.24	.24	.17	.19	.22	.39	.12	.02	.02	.02	.12	.00	6.67

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-51— {SSES 197' (60-m) 2001-2006 May JFD - continued}

(Page 1 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	8	27	59	41	44	30	34	15	13	16	8	4	3	2	2	1	0	307
(1)	.19	.65	1.42	.99	1.06	.72	.82	.36	.31	.39	.19	.10	.07	.05	.05	.02	.00	7.39
(2)	.19	.65	1.42	.99	1.06	.72	.82	.36	.31	.39	.19	.10	.07	.05	.05	.02	.00	7.39
1.1- 1.5	19	66	105	46	23	23	30	29	21	23	24	7	1	4	4	7	0	432
(1)	.46	1.59	2.53	1.11	.55	.55	.72	.70	.51	.55	.58	.17	.02	.10	.10	.17	.00	10.40
(2)	.46	1.59	2.53	1.11	.55	.55	.72	.70	.51	.55	.58	.17	.02	.10	.10	.17	.00	10.40
1.6- 2.0	26	129	77	30	17	25	13	14	19	41	54	13	10	4	5	0	0	477
(1)	.63	3.10	1.85	.72	.41	.60	.31	.34	.46	.99	1.30	.31	.24	.10	.12	.00	.00	11.48
(2)	.63	3.10	1.85	.72	.41	.60	.31	.34	.46	.99	1.30	.31	.24	.10	.12	.00	.00	11.48
2.1- 3.0	55	174	119	49	31	39	31	43	46	86	104	42	18	11	11	24	0	883
(1)	1.32	4.19	2.86	1.18	.75	.94	.75	1.03	1.11	2.07	2.50	1.01	.43	.26	.26	.58	.00	21.25
(2)	1.32	4.19	2.86	1.18	.75	.94	.75	1.03	1.11	2.07	2.50	1.01	.43	.26	.26	.58	.00	21.25
3.1- 4.0	39	73	62	32	32	19	29	37	40	56	103	44	13	14	13	22	0	628
(1)	.94	1.76	1.49	.77	.77	.46	.70	.89	.96	1.35	2.48	1.06	.31	.34	.31	.53	.00	15.11
(2)	.94	1.76	1.49	.77	.77	.46	.70	.89	.96	1.35	2.48	1.06	.31	.34	.31	.53	.00	15.11
4.1- 5.0	49	42	34	19	19	22	29	23	31	40	82	68	27	22	28	36	0	571
(1)	1.18	1.01	.82	.46	.46	.53	.70	.55	.75	.96	1.97	1.64	.65	.53	.67	.87	.00	13.74
(2)	1.18	1.01	.82	.46	.46	.53	.70	.55	.75	.96	1.97	1.64	.65	.53	.67	.87	.00	13.74
5.1- 6.0	39	41	11	8	7	10	17	20	28	31	57	68	24	16	20	32	0	429
(1)	.94	.99	.26	.19	.17	.24	.41	.48	.67	.75	1.37	1.64	.58	.39	.48	.77	.00	10.32
(2)	.94	.99	.26	.19	.17	.24	.41	.48	.67	.75	1.37	1.64	.58	.39	.48	.77	.00	10.32
6.1- 8.0	36	31	1	1	15	16	2	2	26	18	42	82	29	15	12	13	0	341

Table 2.3-51— {SSES 197' (60-m) 2001-2006 May JFD - continued}

(Page 2 of 2)

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.87	.75	.02	.02	.36	.39	.05	.05	.63	.43	1.01	1.97	.70	.36	.29	.31	.00	8.21
(2)	.87	.75	.02	.02	.36	.39	.05	.05	.63	.43	1.01	1.97	.70	.36	.29	.31	.00	8.21
8.1-10.0	7	1	0	1	3	3	0	1	6	2	9	28	11	7	0	1	0	80
(1)	.17	.02	.00	.02	.07	.07	.00	.02	.14	.05	.22	.67	.26	.17	.00	.02	.00	1.93
(2)	.17	.02	.00	.02	.07	.07	.00	.02	.14	.05	.22	.67	.26	.17	.00	.02	.00	1.93
10.1-40.3	0	0	0	0	1	1	0	0	0	0	0	3	1	0	0	0	0	6
(1)	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.07	.02	.00	.00	.00	.00	.14
(2)	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.07	.02	.00	.00	.00	.00	.14
ALL SPEEDS	278	584	468	227	192	188	186	184	230	313	483	359	137	95	95	136	0	4155
(1)	6.69	14.06	11.26	5.46	4.62	4.52	4.48	4.43	5.54	7.53	11.62	8.64	3.30	2.29	2.29	3.27	.00	100.00
(2)	6.69	14.06	11.26	5.46	4.62	4.52	4.48	4.43	5.54	7.53	11.62	8.64	3.30	2.29	2.29	3.27	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-52— {SSES 197' (60-m) 2001-2006 June JFD}

(Page 1 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 5.52**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	1	0	1	1	2	0	0	0	0	0	0	0	0	0	0	5
(1)	.00	.00	.49	.00	.49	.49	.99	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.46
(2)	.00	.00	.03	.00	.03	.03	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
1.1- 1.5	0	0	0	1	1	1	2	0	3	4	1	0	0	0	0	0	0	13
(1)	.00	.00	.00	.49	.49	.49	.99	.00	1.48	1.97	.49	.00	.00	.00	.00	.00	.00	6.40
(2)	.00	.00	.00	.03	.03	.03	.05	.00	.08	.11	.03	.00	.00	.00	.00	.00	.00	.35
1.6- 2.0	1	0	1	1	1	0	5	2	1	3	1	1	0	0	0	0	0	17
(1)	.49	.00	.49	.49	.49	.00	2.46	.99	.49	1.48	.49	.49	.00	.00	.00	.00	.00	8.37
(2)	.03	.00	.03	.03	.03	.00	.14	.05	.03	.08	.03	.03	.00	.00	.00	.00	.00	.46
2.1- 3.0	1	4	5	1	1	3	3	1	0	1	5	3	1	0	0	0	0	29
(1)	.49	1.97	2.46	.49	.49	1.48	1.48	.49	.00	.49	2.46	1.48	.49	.00	.00	.00	.00	14.29
(2)	.03	.11	.14	.03	.03	.08	.08	.03	.00	.03	.14	.08	.03	.00	.00	.00	.00	.79
3.1- 4.0	0	5	5	0	1	0	2	0	0	1	10	5	0	0	0	0	0	29
(1)	.00	2.46	2.46	.00	.49	.00	.99	.00	.00	.49	4.93	2.46	.00	.00	.00	.00	.00	14.29
(2)	.00	.14	.14	.00	.03	.00	.05	.00	.00	.03	.27	.14	.00	.00	.00	.00	.00	.79
4.1- 5.0	0	3	0	0	0	0	5	2	0	1	23	8	0	1	2	0	0	45
(1)	.00	1.48	.00	.00	.00	.00	2.46	.99	.00	.49	11.33	3.94	.00	.49	.99	.00	.00	22.17
(2)	.00	.08	.00	.00	.00	.00	.14	.05	.00	.03	.63	.22	.00	.03	.05	.00	.00	1.22
5.1- 6.0	0	0	0	0	0	0	3	0	0	3	27	14	0	0	1	0	0	48
(1)	.00	.00	.00	.00	.00	.00	1.48	.00	.00	1.48	13.30	6.90	.00	.00	.49	.00	.00	23.65
(2)	.00	.00	.00	.00	.00	.00	.08	.00	.00	.08	.73	.38	.00	.00	.03	.00	.00	1.31
6.1- 8.0	0	0	0	0	0	0	0	0	0	2	6	6	0	0	1	1	0	16

Table 2.3-52— {SSES 197' (60-m) 2001-2006 June JFD}

(Page 2 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 5.52**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.99	2.96	2.96	.00	.00	.49	.49	.00	7.88
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.16	.16	.00	.00	.03	.03	.00	.44
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.49	.00	.00	.00	.00	.00	.00	.49
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.03
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	2	12	12	3	5	5	22	5	4	15	74	37	1	1	4	1	0	203
(1)	.99	5.91	5.91	1.48	2.46	2.46	10.84	2.46	1.97	7.39	36.45	18.23	.49	.49	1.97	.49	.00	100.00
(2)	.05	.33	.33	.08	.14	.14	.60	.14	.11	.41	2.01	1.01	.03	.03	.11	.03	.00	5.52

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-52— {SSES 197' (60-m) 2001-2006 June JFD - continued}

(Page 1 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 4.71**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	1	2	0	0	1	0	0	1	0	0	0	0	0	0	0	5
(1)	.00	.00	.58	1.16	.00	.00	.58	.00	.00	.58	.00	.00	.00	.00	.00	.00	.00	2.89
(2)	.00	.00	.03	.05	.00	.00	.03	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.14
1.1- 1.5	0	1	1	1	1	2	0	0	1	1	1	1	0	0	0	0	0	10
(1)	.00	.58	.58	.58	.58	1.16	.00	.00	.58	.58	.58	.58	.00	.00	.00	.00	.00	5.78
(2)	.00	.03	.03	.03	.03	.05	.00	.00	.03	.03	.03	.03	.00	.00	.00	.00	.00	.27
1.6- 2.0	0	2	4	0	0	2	0	0	0	1	1	0	0	0	1	0	0	11
(1)	.00	1.16	2.31	.00	.00	1.16	.00	.00	.00	.58	.58	.00	.00	.00	.58	.00	.00	6.36
(2)	.00	.05	.11	.00	.00	.05	.00	.00	.00	.03	.03	.00	.00	.00	.03	.00	.00	.30
2.1- 3.0	2	7	4	1	0	0	3	1	1	0	5	1	0	0	0	0	0	25
(1)	1.16	4.05	2.31	.58	.00	.00	1.73	.58	.58	.00	2.89	.58	.00	.00	.00	.00	.00	14.45
(2)	.05	.19	.11	.03	.00	.00	.08	.03	.03	.00	.14	.03	.00	.00	.00	.00	.00	.68
3.1- 4.0	3	6	3	2	0	0	3	0	0	3	12	3	1	0	0	0	0	36
(1)	1.73	3.47	1.73	1.16	.00	.00	1.73	.00	.00	1.73	6.94	1.73	.58	.00	.00	.00	.00	20.81
(2)	.08	.16	.08	.05	.00	.00	.08	.00	.00	.08	.33	.08	.03	.00	.00	.00	.00	.98
4.1- 5.0	0	1	0	0	0	0	1	1	2	0	22	5	4	0	2	1	0	39
(1)	.00	.58	.00	.00	.00	.00	.58	.58	1.16	.00	12.72	2.89	2.31	.00	1.16	.58	.00	22.54
(2)	.00	.03	.00	.00	.00	.00	.03	.03	.05	.00	.60	.14	.11	.00	.05	.03	.00	1.06
5.1- 6.0	2	0	0	0	0	0	0	0	0	2	17	7	1	0	0	2	0	31
(1)	1.16	.00	.00	.00	.00	.00	.00	.00	.00	1.16	9.83	4.05	.58	.00	.00	1.16	.00	17.92
(2)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.05	.46	.19	.03	.00	.00	.05	.00	.84
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	5	6	2	0	0	1	0	14

Table 2.3-52— {SSES 197' (60-m) 2001-2006 June JFD - continued}
(Page 2 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 4.71**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.89	3.47	1.16	.00	.00	.58	.00	8.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.16	.05	.00	.00	.03	.00	.38
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.58	.58	.00	.00	.00	.00	.00	1.16
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.03	.00	.00	.00	.00	.00	.05
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	7	17	13	6	1	4	8	2	4	8	64	24	8	0	3	4	0	173
(1)	4.05	9.83	7.51	3.47	.58	2.31	4.62	1.16	2.31	4.62	36.99	13.87	4.62	.00	1.73	2.31	.00	100.00
(2)	.19	.46	.35	.16	.03	.11	.22	.05	.11	.22	1.74	.65	.22	.00	.08	.11	.00	4.71

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-52— {SSES 197' (60-m) 2001-2006 June JFD - continued}

(Page 1 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 5.66

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	1	0	2	0	0	0	0	1	1	0	0	0	0	0	0	5
(1)	.00	.00	.48	.00	.96	.00	.00	.00	.00	.48	.48	.00	.00	.00	.00	.00	.00	2.40
(2)	.00	.00	.03	.00	.05	.00	.00	.00	.00	.03	.03	.00	.00	.00	.00	.00	.00	.14
1.1- 1.5	0	1	0	2	1	2	0	1	1	1	0	0	0	0	0	0	0	9
(1)	.00	.48	.00	.96	.48	.96	.00	.48	.48	.48	.00	.00	.00	.00	.00	.00	.00	4.33
(2)	.00	.03	.00	.05	.03	.05	.00	.03	.03	.03	.00	.00	.00	.00	.00	.00	.00	.24
1.6- 2.0	1	2	2	1	1	1	0	0	2	1	1	1	0	0	0	1	0	14
(1)	.48	.96	.96	.48	.48	.48	.00	.00	.96	.48	.48	.48	.00	.00	.00	.48	.00	6.73
(2)	.03	.05	.05	.03	.03	.03	.00	.00	.05	.03	.03	.03	.00	.00	.00	.03	.00	.38
2.1- 3.0	4	9	3	4	0	1	2	0	3	5	6	2	1	2	0	4	0	46
(1)	1.92	4.33	1.44	1.92	.00	.48	.96	.00	1.44	2.40	2.88	.96	.48	.96	.00	1.92	.00	22.12
(2)	.11	.24	.08	.11	.00	.03	.05	.00	.08	.14	.16	.05	.03	.05	.00	.11	.00	1.25
3.1- 4.0	2	1	2	0	0	0	0	0	0	7	12	6	1	0	3	2	0	36
(1)	.96	.48	.96	.00	.00	.00	.00	.00	.00	3.37	5.77	2.88	.48	.00	1.44	.96	.00	17.31
(2)	.05	.03	.05	.00	.00	.00	.00	.00	.00	.19	.33	.16	.03	.00	.08	.05	.00	.98
4.1- 5.0	1	0	1	0	0	2	0	0	0	0	20	5	1	0	2	3	0	35
(1)	.48	.00	.48	.00	.00	.96	.00	.00	.00	.00	9.62	2.40	.48	.00	.96	1.44	.00	16.83
(2)	.03	.00	.03	.00	.00	.05	.00	.00	.00	.00	.54	.14	.03	.00	.05	.08	.00	.95
5.1- 6.0	0	0	0	0	0	0	0	1	1	1	10	10	3	0	2	3	0	31
(1)	.00	.00	.00	.00	.00	.00	.00	.48	.48	.48	4.81	4.81	1.44	.00	.96	1.44	.00	14.90
(2)	.00	.00	.00	.00	.00	.00	.00	.03	.03	.03	.27	.27	.08	.00	.05	.08	.00	.84
6.1- 8.0	0	0	0	0	0	0	0	0	0	2	5	14	1	1	6	2	0	31

Table 2.3-52— {SSES 197' (60-m) 2001-2006 June JFD - continued}

(Page 2 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 5.66**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.96	2.40	6.73	.48	.48	2.88	.96	.00	14.90
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.14	.38	.03	.03	.16	.05	.00	.84
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.48	.00	.00	.00	.00	.00	.00	.48
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.03
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	8	13	9	7	4	6	2	2	7	18	56	38	7	3	13	15	0	208
(1)	3.85	6.25	4.33	3.37	1.92	2.88	.96	.96	3.37	8.65	26.92	18.27	3.37	1.44	6.25	7.21	.00	100.00
(2)	.22	.35	.24	.19	.11	.16	.05	.05	.19	.49	1.52	1.03	.19	.08	.35	.41	.00	5.66

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-52— {SSES 197' (60-m) 2001-2006 June JFD - continued}

(Page 1 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 36.40**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	10	18	16	9	9	8	7	9	2	5	2	0	0	1	1	0	97
(1)	.00	.75	1.35	1.20	.67	.67	.60	.52	.67	.15	.37	.15	.00	.00	.07	.07	.00	7.25
(2)	.00	.27	.49	.44	.24	.24	.22	.19	.24	.05	.14	.05	.00	.00	.03	.03	.00	2.64
1.1- 1.5	5	12	22	18	5	5	6	6	9	16	20	6	0	0	0	2	0	132
(1)	.37	.90	1.64	1.35	.37	.37	.45	.45	.67	1.20	1.49	.45	.00	.00	.00	.15	.00	9.87
(2)	.14	.33	.60	.49	.14	.14	.16	.16	.24	.44	.54	.16	.00	.00	.00	.05	.00	3.59
1.6- 2.0	9	12	20	11	6	6	7	2	11	22	28	14	2	0	0	1	0	151
(1)	.67	.90	1.49	.82	.45	.45	.52	.15	.82	1.64	2.09	1.05	.15	.00	.00	.07	.00	11.29
(2)	.24	.33	.54	.30	.16	.16	.19	.05	.30	.60	.76	.38	.05	.00	.00	.03	.00	4.11
2.1- 3.0	26	30	21	11	21	9	15	11	9	36	70	14	4	7	9	11	0	304
(1)	1.94	2.24	1.57	.82	1.57	.67	1.12	.82	.67	2.69	5.23	1.05	.30	.52	.67	.82	.00	22.72
(2)	.71	.82	.57	.30	.57	.24	.41	.30	.24	.98	1.90	.38	.11	.19	.24	.30	.00	8.27
3.1- 4.0	12	20	18	4	3	3	14	13	3	14	40	31	7	7	19	12	0	220
(1)	.90	1.49	1.35	.30	.22	.22	1.05	.97	.22	1.05	2.99	2.32	.52	.52	1.42	.90	.00	16.44
(2)	.33	.54	.49	.11	.08	.08	.38	.35	.08	.38	1.09	.84	.19	.19	.52	.33	.00	5.98
4.1- 5.0	7	23	16	0	4	3	6	9	19	9	59	25	12	5	23	17	0	237
(1)	.52	1.72	1.20	.00	.30	.22	.45	.67	1.42	.67	4.41	1.87	.90	.37	1.72	1.27	.00	17.71
(2)	.19	.63	.44	.00	.11	.08	.16	.24	.52	.24	1.61	.68	.33	.14	.63	.46	.00	6.45
5.1- 6.0	2	13	3	0	1	2	3	5	10	11	25	28	5	1	13	9	0	131
(1)	.15	.97	.22	.00	.07	.15	.22	.37	.75	.82	1.87	2.09	.37	.07	.97	.67	.00	9.79
(2)	.05	.35	.08	.00	.03	.05	.08	.14	.27	.30	.68	.76	.14	.03	.35	.24	.00	3.56
6.1- 8.0	4	1	1	0	0	1	0	0	2	2	13	26	2	0	4	5	0	61

Table 2.3-52— {SSES 197' (60-m) 2001-2006 June JFD - continued}

(Page 2 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 36.40**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.30	.07	.07	.00	.00	.07	.00	.00	.15	.15	.97	1.94	.15	.00	.30	.37	.00	4.56
(2)	.11	.03	.03	.00	.00	.03	.00	.00	.05	.05	.35	.71	.05	.00	.11	.14	.00	1.66
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.37	.00	.00	.00	.00	.00	.37
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.00	.00	.00	.00	.00	.14
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	65	121	119	60	49	38	59	53	72	112	260	151	32	20	69	58	0	1338
(1)	4.86	9.04	8.89	4.48	3.66	2.84	4.41	3.96	5.38	8.37	19.43	11.29	2.39	1.49	5.16	4.33	.00	100.00
(2)	1.77	3.29	3.24	1.63	1.33	1.03	1.61	1.44	1.96	3.05	7.07	4.11	.87	.54	1.88	1.58	.00	36.40

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-52— {SSES 197' (60-m) 2001-2006 June JFD - continued}

(Page 1 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.75**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.09	.19	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.38
(2)	.00	.00	.00	.00	.03	.05	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11
.5- 1.0	4	10	41	11	20	15	19	7	11	3	3	3	0	0	2	0	0	149
(1)	.38	.95	3.88	1.04	1.89	1.42	1.80	.66	1.04	.28	.28	.28	.00	.00	.19	.00	.00	14.10
(2)	.11	.27	1.12	.30	.54	.41	.52	.19	.30	.08	.08	.08	.00	.00	.05	.00	.00	4.05
1.1- 1.5	10	32	35	13	5	7	9	7	13	19	13	8	1	0	0	3	0	175
(1)	.95	3.03	3.31	1.23	.47	.66	.85	.66	1.23	1.80	1.23	.76	.09	.00	.00	.28	.00	16.56
(2)	.27	.87	.95	.35	.14	.19	.24	.19	.35	.52	.35	.22	.03	.00	.00	.08	.00	4.76
1.6- 2.0	8	50	22	6	8	3	8	6	4	11	16	5	1	1	2	2	0	153
(1)	.76	4.73	2.08	.57	.76	.28	.76	.57	.38	1.04	1.51	.47	.09	.09	.19	.19	.00	14.47
(2)	.22	1.36	.60	.16	.22	.08	.22	.16	.11	.30	.44	.14	.03	.03	.05	.05	.00	4.16
2.1- 3.0	16	68	27	15	8	9	4	8	7	16	36	20	2	4	5	4	0	249
(1)	1.51	6.43	2.55	1.42	.76	.85	.38	.76	.66	1.51	3.41	1.89	.19	.38	.47	.38	.00	23.56
(2)	.44	1.85	.73	.41	.22	.24	.11	.22	.19	.44	.98	.54	.05	.11	.14	.11	.00	6.77
3.1- 4.0	9	20	23	1	1	2	7	12	16	24	17	14	4	3	6	6	0	165
(1)	.85	1.89	2.18	.09	.09	.19	.66	1.14	1.51	2.27	1.61	1.32	.38	.28	.57	.57	.00	15.61
(2)	.24	.54	.63	.03	.03	.05	.19	.33	.44	.65	.46	.38	.11	.08	.16	.16	.00	4.49
4.1- 5.0	4	7	2	0	0	3	4	2	9	13	19	18	1	1	5	3	0	91
(1)	.38	.66	.19	.00	.00	.28	.38	.19	.85	1.23	1.80	1.70	.09	.09	.47	.28	.00	8.61
(2)	.11	.19	.05	.00	.00	.08	.11	.05	.24	.35	.52	.49	.03	.03	.14	.08	.00	2.48
5.1- 6.0	0	8	0	0	0	0	0	3	4	8	7	14	1	1	4	2	0	52
(1)	.00	.76	.00	.00	.00	.00	.00	.28	.38	.76	.66	1.32	.09	.09	.38	.19	.00	4.92
(2)	.00	.22	.00	.00	.00	.00	.00	.08	.11	.22	.19	.38	.03	.03	.11	.05	.00	1.41
6.1- 8.0	0	3	2	0	0	0	0	1	1	0	6	3	0	0	1	1	0	18

Table 2.3-52— {SSES 197' (60-m) 2001-2006 June JFD - continued}

(Page 2 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 28.75**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.28	.19	.00	.00	.00	.00	.09	.09	.00	.57	.28	.00	.00	.09	.09	.00	1.70
(2)	.00	.08	.05	.00	.00	.00	.00	.03	.03	.00	.16	.08	.00	.00	.03	.03	.00	.49
8.1-10.0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.03
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	51	198	152	46	43	41	52	46	66	94	117	85	10	10	25	21	0	1057
(1)	4.82	18.73	14.38	4.35	4.07	3.88	4.92	4.35	6.24	8.89	11.07	8.04	.95	.95	2.37	1.99	.00	100.00
(2)	1.39	5.39	4.13	1.25	1.17	1.12	1.41	1.25	1.80	2.56	3.18	2.31	.27	.27	.68	.57	.00	28.75

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-52— {SSES 197' (60-m) 2001-2006 June JFD - continued}

(Page 1 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 13.68**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.40	.40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.80
(2)	.00	.00	.05	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11
.5- 1.0	0	9	20	18	9	8	5	4	0	1	0	1	0	0	0	1	0	76
(1)	.00	1.79	3.98	3.58	1.79	1.59	.99	.80	.00	.20	.00	.20	.00	.00	.00	.20	.00	15.11
(2)	.00	.24	.54	.49	.24	.22	.14	.11	.00	.03	.00	.03	.00	.00	.00	.03	.00	2.07
1.1- 1.5	7	37	38	12	10	5	4	5	10	7	3	0	1	0	1	1	0	141
(1)	1.39	7.36	7.55	2.39	1.99	.99	.80	.99	1.99	1.39	.60	.00	.20	.00	.20	.20	.00	28.03
(2)	.19	1.01	1.03	.33	.27	.14	.11	.14	.27	.19	.08	.00	.03	.00	.03	.03	.00	3.84
1.6- 2.0	12	48	24	7	1	2	1	1	4	11	1	1	0	0	0	0	0	113
(1)	2.39	9.54	4.77	1.39	.20	.40	.20	.20	.80	2.19	.20	.20	.00	.00	.00	.00	.00	22.47
(2)	.33	1.31	.65	.19	.03	.05	.03	.03	.11	.30	.03	.03	.00	.00	.00	.00	.00	3.07
2.1- 3.0	21	62	7	0	1	1	0	0	5	8	12	2	1	3	1	1	0	125
(1)	4.17	12.33	1.39	.00	.20	.20	.00	.00	.99	1.59	2.39	.40	.20	.60	.20	.20	.00	24.85
(2)	.57	1.69	.19	.00	.03	.03	.00	.00	.14	.22	.33	.05	.03	.08	.03	.03	.00	3.40
3.1- 4.0	2	5	0	0	0	0	1	2	1	5	7	4	0	0	1	0	0	28
(1)	.40	.99	.00	.00	.00	.00	.20	.40	.20	.99	1.39	.80	.00	.00	.20	.00	.00	5.57
(2)	.05	.14	.00	.00	.00	.00	.03	.05	.03	.14	.19	.11	.00	.00	.03	.00	.00	.76
4.1- 5.0	2	0	0	0	0	0	0	0	2	2	1	4	0	0	1	0	0	12
(1)	.40	.00	.00	.00	.00	.00	.00	.00	.40	.40	.20	.80	.00	.00	.20	.00	.00	2.39
(2)	.05	.00	.00	.00	.00	.00	.00	.00	.05	.05	.03	.11	.00	.00	.03	.00	.00	.33
5.1- 6.0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20	.20	.20	.00	.00	.00	.00	.00	.60
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.03	.03	.00	.00	.00	.00	.00	.08
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

Table 2.3-52— {SSES 197' (60-m) 2001-2006 June JFD - continued}

(Page 2 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 13.68**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20	.00	.00	.20
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.03
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	44	161	91	39	21	16	11	12	22	35	25	13	2	3	5	3	0	503
(1)	8.75	32.01	18.09	7.75	4.17	3.18	2.19	2.39	4.37	6.96	4.97	2.58	.40	.60	.99	.60	.00	100.00
(2)	1.20	4.38	2.48	1.06	.57	.44	.30	.33	.60	.95	.68	.35	.05	.08	.14	.08	.00	13.68

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-52— {SSES 197' (60-m) 2001-2006 June JFD - continued}

(Page 1 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 5.28**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.52	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.52
(2)	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
.5- 1.0	1	4	2	5	4	5	3	6	0	1	1	0	0	0	0	0	0	32
(1)	.52	2.06	1.03	2.58	2.06	2.58	1.55	3.09	.00	.52	.52	.00	.00	.00	.00	.00	.00	16.49
(2)	.03	.11	.05	.14	.11	.14	.08	.16	.00	.03	.03	.00	.00	.00	.00	.00	.00	.87
1.1- 1.5	1	16	19	7	1	2	6	5	6	4	1	0	0	1	0	0	0	69
(1)	.52	8.25	9.79	3.61	.52	1.03	3.09	2.58	3.09	2.06	.52	.00	.00	.52	.00	.00	.00	35.57
(2)	.03	.44	.52	.19	.03	.05	.16	.14	.16	.11	.03	.00	.00	.03	.00	.00	.00	1.88
1.6- 2.0	1	19	14	1	0	1	0	0	2	3	1	0	0	0	0	0	0	42
(1)	.52	9.79	7.22	.52	.00	.52	.00	.00	1.03	1.55	.52	.00	.00	.00	.00	.00	.00	21.65
(2)	.03	.52	.38	.03	.00	.03	.00	.00	.05	.08	.03	.00	.00	.00	.00	.00	.00	1.14
2.1- 3.0	10	16	5	0	0	0	0	0	1	8	2	0	0	0	0	0	0	42
(1)	5.15	8.25	2.58	.00	.00	.00	.00	.00	.52	4.12	1.03	.00	.00	.00	.00	.00	.00	21.65
(2)	.27	.44	.14	.00	.00	.00	.00	.00	.03	.22	.05	.00	.00	.00	.00	.00	.00	1.14
3.1- 4.0	2	1	0	0	0	0	0	0	0	1	0	1	0	1	1	0	0	7
(1)	1.03	.52	.00	.00	.00	.00	.00	.00	.00	.52	.00	.52	.00	.52	.52	.00	.00	3.61
(2)	.05	.03	.00	.00	.00	.00	.00	.00	.00	.03	.00	.03	.00	.03	.03	.00	.00	.19
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.52	.00	.00	.00	.00	.00	.52
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.03
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-52— {SSES 197' (60-m) 2001-2006 June JFD - continued}

(Page 2 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 5.28**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	15	56	40	13	5	9	9	11	9	17	5	2	0	2	1	0	0	194
(1)	7.73	28.87	20.62	6.70	2.58	4.64	4.64	5.67	4.64	8.76	2.58	1.03	.00	1.03	.52	.00	.00	100.00
(2)	.41	1.52	1.09	.35	.14	.24	.24	.30	.24	.46	.14	.05	.00	.05	.03	.00	.00	5.28

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-52— {SSES 197' (60-m) 2001-2006 June JFD - continued}

(Page 1 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	2	2	1	3	1	0	0	0	0	0	0	0	0	0	0	9
(1)	.00	.00	.05	.05	.03	.08	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24
(2)	.00	.00	.05	.05	.03	.08	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24
.5- 1.0	5	33	84	52	45	38	38	24	20	9	10	6	0	0	3	2	0	369
(1)	.14	.90	2.29	1.41	1.22	1.03	1.03	.65	.54	.24	.27	.16	.00	.00	.08	.05	.00	10.04
(2)	.14	.90	2.29	1.41	1.22	1.03	1.03	.65	.54	.24	.27	.16	.00	.00	.08	.05	.00	10.04
1.1- 1.5	23	99	115	54	24	24	27	24	43	52	39	15	2	1	1	6	0	549
(1)	.63	2.69	3.13	1.47	.65	.65	.73	.65	1.17	1.41	1.06	.41	.05	.03	.03	.16	.00	14.93
(2)	.63	2.69	3.13	1.47	.65	.65	.73	.65	1.17	1.41	1.06	.41	.05	.03	.03	.16	.00	14.93
1.6- 2.0	32	133	87	27	17	15	21	11	24	52	49	22	3	1	3	4	0	501
(1)	.87	3.62	2.37	.73	.46	.41	.57	.30	.65	1.41	1.33	.60	.08	.03	.08	.11	.00	13.63
(2)	.87	3.62	2.37	.73	.46	.41	.57	.30	.65	1.41	1.33	.60	.08	.03	.08	.11	.00	13.63
2.1- 3.0	80	196	72	32	31	23	27	21	26	74	136	42	9	16	15	20	0	820
(1)	2.18	5.33	1.96	.87	.84	.63	.73	.57	.71	2.01	3.70	1.14	.24	.44	.41	.54	.00	22.31
(2)	2.18	5.33	1.96	.87	.84	.63	.73	.57	.71	2.01	3.70	1.14	.24	.44	.41	.54	.00	22.31
3.1- 4.0	30	58	51	7	5	5	27	27	20	55	98	64	13	11	30	20	0	521
(1)	.82	1.58	1.39	.19	.14	.14	.73	.73	.54	1.50	2.67	1.74	.35	.30	.82	.54	.00	14.17
(2)	.82	1.58	1.39	.19	.14	.14	.73	.73	.54	1.50	2.67	1.74	.35	.30	.82	.54	.00	14.17
4.1- 5.0	14	34	19	0	4	8	16	14	32	25	144	66	18	7	35	24	0	460
(1)	.38	.92	.52	.00	.11	.22	.44	.38	.87	.68	3.92	1.80	.49	.19	.95	.65	.00	12.51
(2)	.38	.92	.52	.00	.11	.22	.44	.38	.87	.68	3.92	1.80	.49	.19	.95	.65	.00	12.51
5.1- 6.0	4	21	3	0	1	2	6	9	15	26	87	74	10	2	20	16	0	296
(1)	.11	.57	.08	.00	.03	.05	.16	.24	.41	.71	2.37	2.01	.27	.05	.54	.44	.00	8.05
(2)	.11	.57	.08	.00	.03	.05	.16	.24	.41	.71	2.37	2.01	.27	.05	.54	.44	.00	8.05
6.1- 8.0	4	4	3	0	0	1	0	1	3	6	35	55	5	1	13	10	0	141

Table 2.3-52— {SSES 197' (60-m) 2001-2006 June JFD - continued}

(Page 2 of 2)

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.11	.11	.08	.00	.00	.03	.00	.03	.08	.16	.95	1.50	.14	.03	.35	.27	.00	3.84
(2)	.11	.11	.08	.00	.00	.03	.00	.03	.08	.16	.95	1.50	.14	.03	.35	.27	.00	3.84
8.1-10.0	0	0	0	0	0	0	0	0	1	0	3	6	0	0	0	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.08	.16	.00	.00	.00	.00	.00	.27
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.08	.16	.00	.00	.00	.00	.00	.27
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	192	578	436	174	128	119	163	131	184	299	601	350	60	39	120	102	0	3676
(1)	5.22	15.72	11.86	4.73	3.48	3.24	4.43	3.56	5.01	8.13	16.35	9.52	1.63	1.06	3.26	2.77	.00	100.00
(2)	5.22	15.72	11.86	4.73	3.48	3.24	4.43	3.56	5.01	8.13	16.35	9.52	1.63	1.06	3.26	2.77	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-53— {SSES 197' (60-m) 2001-2006 July JFD}

(Page 1 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 9.06**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	2	1	1	0	0	1	0	0	0	0	0	0	0	0	5
(1)	.00	.00	.00	.58	.29	.29	.00	.00	.29	.00	.00	.00	.00	.00	.00	.00	.00	1.45
(2)	.00	.00	.00	.05	.03	.03	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.13
1.1- 1.5	0	1	6	2	2	2	2	0	2	3	4	0	0	0	1	0	0	25
(1)	.00	.29	1.74	.58	.58	.58	.58	.00	.58	.87	1.16	.00	.00	.00	.29	.00	.00	7.27
(2)	.00	.03	.16	.05	.05	.05	.05	.00	.05	.08	.11	.00	.00	.00	.03	.00	.00	.66
1.6- 2.0	2	3	7	10	2	3	1	0	0	3	3	1	1	1	0	0	0	37
(1)	.58	.87	2.03	2.91	.58	.87	.29	.00	.00	.87	.87	.29	.29	.29	.00	.00	.00	10.76
(2)	.05	.08	.18	.26	.05	.08	.03	.00	.00	.08	.08	.03	.03	.03	.00	.00	.00	.97
2.1- 3.0	3	6	5	2	1	0	2	1	2	10	17	3	0	0	1	0	0	53
(1)	.87	1.74	1.45	.58	.29	.00	.58	.29	.58	2.91	4.94	.87	.00	.00	.29	.00	.00	15.41
(2)	.08	.16	.13	.05	.03	.00	.05	.03	.05	.26	.45	.08	.00	.00	.03	.00	.00	1.40
3.1- 4.0	4	4	3	1	0	0	6	1	1	3	26	9	2	1	0	2	0	63
(1)	1.16	1.16	.87	.29	.00	.00	1.74	.29	.29	.87	7.56	2.62	.58	.29	.00	.58	.00	18.31
(2)	.11	.11	.08	.03	.00	.00	.16	.03	.03	.08	.69	.24	.05	.03	.00	.05	.00	1.66
4.1- 5.0	10	1	3	9	0	0	2	0	1	7	34	15	3	0	0	0	0	85
(1)	2.91	.29	.87	2.62	.00	.00	.58	.00	.29	2.03	9.88	4.36	.87	.00	.00	.00	.00	24.71
(2)	.26	.03	.08	.24	.00	.00	.05	.00	.03	.18	.90	.40	.08	.00	.00	.00	.00	2.24
5.1- 6.0	6	4	1	1	0	0	2	0	2	0	14	16	3	0	0	2	0	51
(1)	1.74	1.16	.29	.29	.00	.00	.58	.00	.58	.00	4.07	4.65	.87	.00	.00	.58	.00	14.83
(2)	.16	.11	.03	.03	.00	.00	.05	.00	.05	.00	.37	.42	.08	.00	.00	.05	.00	1.34
6.1- 8.0	0	0	0	1	0	0	0	1	2	1	4	13	1	0	1	0	0	24

Table 2.3-53— {SSES 197' (60-m) 2001-2006 July JFD}

(Page 2 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 9.06**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.29	.00	.00	.00	.29	.58	.29	1.16	3.78	.29	.00	.29	.00	.00	6.98
(2)	.00	.00	.00	.03	.00	.00	.00	.03	.05	.03	.11	.34	.03	.00	.03	.00	.00	.63
8.1-10.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.29	.00	.00	.00	.00	.00	.00	.29
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.03
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	25	19	25	28	6	6	15	3	11	27	103	57	10	2	3	4	0	344
(1)	7.27	5.52	7.27	8.14	1.74	1.74	4.36	.87	3.20	7.85	29.94	16.57	2.91	.58	.87	1.16	.00	100.00
(2)	.66	.50	.66	.74	.16	.16	.40	.08	.29	.71	2.71	1.50	.26	.05	.08	.11	.00	9.06

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-53— {SSES 197' (60-m) 2001-2006 July JFD - continued}

(Page 1 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 4.69**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.56	.00	.56	.56	.00	.00	.00	.00	.00	.00	.00	.00	1.69
(2)	.00	.00	.00	.00	.00	.03	.00	.03	.03	.00	.00	.00	.00	.00	.00	.00	.00	.08
1.1- 1.5	0	0	2	2	1	0	1	1	0	0	0	0	0	0	0	0	0	7
(1)	.00	.00	1.12	1.12	.56	.00	.56	.56	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.93
(2)	.00	.00	.05	.05	.03	.00	.03	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18
1.6- 2.0	1	3	2	1	0	0	0	0	0	1	3	0	0	0	0	2	0	13
(1)	.56	1.69	1.12	.56	.00	.00	.00	.00	.00	.56	1.69	.00	.00	.00	.00	1.12	.00	7.30
(2)	.03	.08	.05	.03	.00	.00	.00	.00	.00	.03	.08	.00	.00	.00	.00	.05	.00	.34
2.1- 3.0	1	6	2	2	2	1	0	0	0	3	7	0	1	0	0	1	0	26
(1)	.56	3.37	1.12	1.12	1.12	.56	.00	.00	.00	1.69	3.93	.00	.56	.00	.00	.56	.00	14.61
(2)	.03	.16	.05	.05	.05	.03	.00	.00	.00	.08	.18	.00	.03	.00	.00	.03	.00	.69
3.1- 4.0	2	4	1	2	0	0	1	0	2	5	14	6	0	2	1	1	0	41
(1)	1.12	2.25	.56	1.12	.00	.00	.56	.00	1.12	2.81	7.87	3.37	.00	1.12	.56	.56	.00	23.03
(2)	.05	.11	.03	.05	.00	.00	.03	.00	.05	.13	.37	.16	.00	.05	.03	.03	.00	1.08
4.1- 5.0	3	4	2	0	0	0	0	1	2	2	7	9	5	1	0	2	0	38
(1)	1.69	2.25	1.12	.00	.00	.00	.00	.56	1.12	1.12	3.93	5.06	2.81	.56	.00	1.12	.00	21.35
(2)	.08	.11	.05	.00	.00	.00	.00	.03	.05	.05	.18	.24	.13	.03	.00	.05	.00	1.00
5.1- 6.0	6	3	0	0	0	0	2	0	1	3	7	7	2	0	1	3	0	35
(1)	3.37	1.69	.00	.00	.00	.00	1.12	.00	.56	1.69	3.93	3.93	1.12	.00	.56	1.69	.00	19.66
(2)	.16	.08	.00	.00	.00	.00	.05	.00	.03	.08	.18	.18	.05	.00	.03	.08	.00	.92
6.1- 8.0	0	2	0	0	0	0	0	0	0	1	3	8	1	0	0	0	0	15

Table 2.3-53— {SSES 197' (60-m) 2001-2006 July JFD - continued}
(Page 2 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 4.69**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	1.12	.00	.00	.00	.00	.00	.00	.00	.56	1.69	4.49	.56	.00	.00	.00	.00	8.43
(2)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.03	.08	.21	.03	.00	.00	.00	.00	.40
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	13	22	9	7	3	2	4	3	6	15	41	30	9	3	2	9	0	178
(1)	7.30	12.36	5.06	3.93	1.69	1.12	2.25	1.69	3.37	8.43	23.03	16.85	5.06	1.69	1.12	5.06	.00	100.00
(2)	.34	.58	.24	.18	.08	.05	.11	.08	.16	.40	1.08	.79	.24	.08	.05	.24	.00	4.69

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-53— {SSES 197' (60-m) 2001-2006 July JFD - continued}

(Page 1 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 6.25**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	2	1	2	0	0	0	1	1	0	0	0	0	0	0	0	7
(1)	.00	.00	.84	.42	.84	.00	.00	.00	.42	.42	.00	.00	.00	.00	.00	.00	.00	2.95
(2)	.00	.00	.05	.03	.05	.00	.00	.00	.03	.03	.00	.00	.00	.00	.00	.00	.00	.18
1.1- 1.5	0	0	0	2	1	1	2	0	1	3	3	1	0	0	0	0	0	14
(1)	.00	.00	.00	.84	.42	.42	.84	.00	.42	1.27	1.27	.42	.00	.00	.00	.00	.00	5.91
(2)	.00	.00	.00	.05	.03	.03	.05	.00	.03	.08	.08	.03	.00	.00	.00	.00	.00	.37
1.6- 2.0	2	5	3	2	3	0	1	0	0	1	4	0	2	0	0	1	0	24
(1)	.84	2.11	1.27	.84	1.27	.00	.42	.00	.00	.42	1.69	.00	.84	.00	.00	.42	.00	10.13
(2)	.05	.13	.08	.05	.08	.00	.03	.00	.00	.03	.11	.00	.05	.00	.00	.03	.00	.63
2.1- 3.0	3	3	2	3	0	1	2	1	0	3	9	5	0	1	3	1	0	37
(1)	1.27	1.27	.84	1.27	.00	.42	.84	.42	.00	1.27	3.80	2.11	.00	.42	1.27	.42	.00	15.61
(2)	.08	.08	.05	.08	.00	.03	.05	.03	.00	.08	.24	.13	.00	.03	.08	.03	.00	.97
3.1- 4.0	7	2	1	0	0	1	3	0	1	4	14	8	2	3	4	1	0	51
(1)	2.95	.84	.42	.00	.00	.42	1.27	.00	.42	1.69	5.91	3.38	.84	1.27	1.69	.42	.00	21.52
(2)	.18	.05	.03	.00	.00	.03	.08	.00	.03	.11	.37	.21	.05	.08	.11	.03	.00	1.34
4.1- 5.0	7	1	0	1	0	0	0	0	5	6	14	4	2	3	6	2	0	51
(1)	2.95	.42	.00	.42	.00	.00	.00	.00	2.11	2.53	5.91	1.69	.84	1.27	2.53	.84	.00	21.52
(2)	.18	.03	.00	.03	.00	.00	.00	.00	.13	.16	.37	.11	.05	.08	.16	.05	.00	1.34
5.1- 6.0	3	1	0	0	0	0	1	0	1	2	1	7	4	1	2	3	0	26
(1)	1.27	.42	.00	.00	.00	.00	.42	.00	.42	.84	.42	2.95	1.69	.42	.84	1.27	.00	10.97
(2)	.08	.03	.00	.00	.00	.00	.03	.00	.03	.05	.03	.18	.11	.03	.05	.08	.00	.69
6.1- 8.0	0	3	0	0	0	0	0	0	1	3	5	14	0	0	0	0	0	26

Table 2.3-53— {SSES 197' (60-m) 2001-2006 July JFD - continued}

(Page 2 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 6.25**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	1.27	.00	.00	.00	.00	.00	.00	.42	1.27	2.11	5.91	.00	.00	.00	.00	.00	10.97
(2)	.00	.08	.00	.00	.00	.00	.00	.00	.03	.08	.13	.37	.00	.00	.00	.00	.00	.69
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.42	.00	.00	.00	.00	.00	.42
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.03
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	22	15	8	9	6	3	9	1	10	23	50	40	10	8	15	8	0	237
(1)	9.28	6.33	3.38	3.80	2.53	1.27	3.80	.42	4.22	9.70	21.10	16.88	4.22	3.38	6.33	3.38	.00	100.00
(2)	.58	.40	.21	.24	.16	.08	.24	.03	.26	.61	1.32	1.05	.26	.21	.40	.21	.00	6.25

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-53— {SSES 197' (60-m) 2001-2006 July JFD - continued}

(Page 1 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 31.25**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08
(2)	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
.2- .4	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.08	.17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.25
(2)	.00	.00	.00	.03	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08
.5- 1.0	1	5	12	13	10	14	11	9	9	7	2	3	0	1	1	1	0	99
(1)	.08	.42	1.01	1.10	.84	1.18	.93	.76	.76	.59	.17	.25	.00	.08	.08	.08	.00	8.35
(2)	.03	.13	.32	.34	.26	.37	.29	.24	.24	.18	.05	.08	.00	.03	.03	.03	.00	2.61
1.1- 1.5	3	9	13	9	4	5	8	4	13	12	12	6	3	1	0	0	0	102
(1)	.25	.76	1.10	.76	.34	.42	.67	.34	1.10	1.01	1.01	.51	.25	.08	.00	.00	.00	8.60
(2)	.08	.24	.34	.24	.11	.13	.21	.11	.34	.32	.32	.16	.08	.03	.00	.00	.00	2.69
1.6- 2.0	6	16	12	8	5	6	1	10	4	22	26	7	1	1	3	2	0	130
(1)	.51	1.35	1.01	.67	.42	.51	.08	.84	.34	1.85	2.19	.59	.08	.08	.25	.17	.00	10.96
(2)	.16	.42	.32	.21	.13	.16	.03	.26	.11	.58	.69	.18	.03	.03	.08	.05	.00	3.43
2.1- 3.0	11	26	23	20	10	8	15	10	11	26	38	16	4	8	8	8	0	242
(1)	.93	2.19	1.94	1.69	.84	.67	1.26	.84	.93	2.19	3.20	1.35	.34	.67	.67	.67	.00	20.40
(2)	.29	.69	.61	.53	.26	.21	.40	.26	.29	.69	1.00	.42	.11	.21	.21	.21	.00	6.38
3.1- 4.0	18	19	8	3	6	8	12	16	11	13	39	21	9	3	13	13	0	212
(1)	1.52	1.60	.67	.25	.51	.67	1.01	1.35	.93	1.10	3.29	1.77	.76	.25	1.10	1.10	.00	17.88
(2)	.47	.50	.21	.08	.16	.21	.32	.42	.29	.34	1.03	.55	.24	.08	.34	.34	.00	5.59
4.1- 5.0	11	16	2	1	2	8	8	4	22	13	33	42	4	8	11	11	0	196
(1)	.93	1.35	.17	.08	.17	.67	.67	.34	1.85	1.10	2.78	3.54	.34	.67	.93	.93	.00	16.53
(2)	.29	.42	.05	.03	.05	.21	.21	.11	.58	.34	.87	1.11	.11	.21	.29	.29	.00	5.16
5.1- 6.0	5	8	0	0	0	0	3	2	13	16	27	27	7	3	1	5	0	117
(1)	.42	.67	.00	.00	.00	.00	.25	.17	1.10	1.35	2.28	2.28	.59	.25	.08	.42	.00	9.87
(2)	.13	.21	.00	.00	.00	.00	.08	.05	.34	.42	.71	.71	.18	.08	.03	.13	.00	3.08
6.1- 8.0	0	4	0	0	0	0	2	1	1	10	21	33	0	0	0	0	0	72

Table 2.3-53— {SSES 197' (60-m) 2001-2006 July JFD - continued}

(Page 2 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 31.25**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.34	.00	.00	.00	.00	.17	.08	.08	.84	1.77	2.78	.00	.00	.00	.00	.00	6.07
(2)	.00	.11	.00	.00	.00	.00	.05	.03	.03	.26	.55	.87	.00	.00	.00	.00	.00	1.90
8.1-10.0	0	0	0	0	0	0	0	0	1	2	3	6	0	0	0	0	0	12
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.08	.17	.25	.51	.00	.00	.00	.00	.00	1.01
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.03	.05	.08	.16	.00	.00	.00	.00	.00	.32
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	55	103	70	55	40	49	60	56	85	121	201	161	28	25	37	40	0	1186
(1)	4.64	8.68	5.90	4.64	3.37	4.13	5.06	4.72	7.17	10.20	16.95	13.58	2.36	2.11	3.12	3.37	.00	100.00
(2)	1.45	2.71	1.84	1.45	1.05	1.29	1.58	1.48	2.24	3.19	5.30	4.24	.74	.66	.97	1.05	.00	31.25

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-53— {SSES 197' (60-m) 2001-2006 July JFD - continued}

(Page 1 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 29.41

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	0	1	0	2	2	0	1	0	0	0	0	0	0	0	7
(1)	.00	.00	.09	.00	.09	.00	.18	.18	.00	.09	.00	.00	.00	.00	.00	.00	.00	.63
(2)	.00	.00	.03	.00	.03	.00	.05	.05	.00	.03	.00	.00	.00	.00	.00	.00	.00	.18
.5- 1.0	3	17	36	28	20	18	14	18	15	11	5	1	0	0	0	1	0	187
(1)	.27	1.52	3.23	2.51	1.79	1.61	1.25	1.61	1.34	.99	.45	.09	.00	.00	.00	.09	.00	16.76
(2)	.08	.45	.95	.74	.53	.47	.37	.47	.40	.29	.13	.03	.00	.00	.00	.03	.00	4.93
1.1- 1.5	3	28	58	15	20	8	17	13	15	12	12	4	2	0	1	1	0	209
(1)	.27	2.51	5.20	1.34	1.79	.72	1.52	1.16	1.34	1.08	1.08	.36	.18	.00	.09	.09	.00	18.73
(2)	.08	.74	1.53	.40	.53	.21	.45	.34	.40	.32	.32	.11	.05	.00	.03	.03	.00	5.51
1.6- 2.0	15	49	34	6	7	4	5	6	5	13	14	4	2	0	1	1	0	166
(1)	1.34	4.39	3.05	.54	.63	.36	.45	.54	.45	1.16	1.25	.36	.18	.00	.09	.09	.00	14.87
(2)	.40	1.29	.90	.16	.18	.11	.13	.16	.13	.34	.37	.11	.05	.00	.03	.03	.00	4.37
2.1- 3.0	31	71	24	8	10	3	11	5	11	22	38	11	1	3	1	6	0	256
(1)	2.78	6.36	2.15	.72	.90	.27	.99	.45	.99	1.97	3.41	.99	.09	.27	.09	.54	.00	22.94
(2)	.82	1.87	.63	.21	.26	.08	.29	.13	.29	.58	1.00	.29	.03	.08	.03	.16	.00	6.75
3.1- 4.0	7	14	7	2	7	4	9	6	9	23	35	14	1	2	2	4	0	146
(1)	.63	1.25	.63	.18	.63	.36	.81	.54	.81	2.06	3.14	1.25	.09	.18	.18	.36	.00	13.08
(2)	.18	.37	.18	.05	.18	.11	.24	.16	.24	.61	.92	.37	.03	.05	.05	.11	.00	3.85
4.1- 5.0	1	1	3	1	2	2	4	1	9	21	16	20	1	1	7	5	0	95
(1)	.09	.09	.27	.09	.18	.18	.36	.09	.81	1.88	1.43	1.79	.09	.09	.63	.45	.00	8.51
(2)	.03	.03	.08	.03	.05	.05	.11	.03	.24	.55	.42	.53	.03	.03	.18	.13	.00	2.50
5.1- 6.0	0	0	0	0	0	0	1	0	5	5	9	13	1	1	5	1	0	41
(1)	.00	.00	.00	.00	.00	.00	.09	.00	.45	.45	.81	1.16	.09	.09	.45	.09	.00	3.67
(2)	.00	.00	.00	.00	.00	.00	.03	.00	.13	.13	.24	.34	.03	.03	.13	.03	.00	1.08
6.1- 8.0	1	0	0	0	0	0	0	0	1	1	2	1	1	0	0	1	0	8

Table 2.3-53— {SSES 197' (60-m) 2001-2006 July JFD - continued}

(Page 2 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 29.41**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.09	.00	.00	.00	.00	.00	.00	.00	.09	.09	.18	.09	.09	.00	.00	.09	.00	.72
(2)	.03	.00	.00	.00	.00	.00	.00	.00	.03	.03	.05	.03	.03	.00	.00	.03	.00	.21
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.03
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	61	180	163	60	67	39	63	51	70	109	131	69	9	7	17	20	0	1116
(1)	5.47	16.13	14.61	5.38	6.00	3.49	5.65	4.57	6.27	9.77	11.74	6.18	.81	.63	1.52	1.79	.00	100.00
(2)	1.61	4.74	4.30	1.58	1.77	1.03	1.66	1.34	1.84	2.87	3.45	1.82	.24	.18	.45	.53	.00	29.41

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-53— {SSES 197' (60-m) 2001-2006 July JFD - continued}

(Page 1 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 15.23**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.17
(2)	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
.5- 1.0	3	5	23	13	15	18	14	7	5	1	4	2	0	0	1	0	0	111
(1)	.52	.87	3.98	2.25	2.60	3.11	2.42	1.21	.87	.17	.69	.35	.00	.00	.17	.00	.00	19.20
(2)	.08	.13	.61	.34	.40	.47	.37	.18	.13	.03	.11	.05	.00	.00	.03	.00	.00	2.92
1.1- 1.5	5	47	29	12	8	10	9	16	19	5	1	1	0	0	0	0	0	162
(1)	.87	8.13	5.02	2.08	1.38	1.73	1.56	2.77	3.29	.87	.17	.17	.00	.00	.00	.00	.00	28.03
(2)	.13	1.24	.76	.32	.21	.26	.24	.42	.50	.13	.03	.03	.00	.00	.00	.00	.00	4.27
1.6- 2.0	5	66	26	2	2	2	4	2	6	4	2	0	0	0	0	1	0	122
(1)	.87	11.42	4.50	.35	.35	.35	.69	.35	1.04	.69	.35	.00	.00	.00	.00	.17	.00	21.11
(2)	.13	1.74	.69	.05	.05	.05	.11	.05	.16	.11	.05	.00	.00	.00	.00	.03	.00	3.21
2.1- 3.0	14	83	7	0	5	2	0	1	1	12	9	2	0	0	3	0	0	139
(1)	2.42	14.36	1.21	.00	.87	.35	.00	.17	.17	2.08	1.56	.35	.00	.00	.52	.00	.00	24.05
(2)	.37	2.19	.18	.00	.13	.05	.00	.03	.03	.32	.24	.05	.00	.00	.08	.00	.00	3.66
3.1- 4.0	2	8	2	0	2	1	0	0	0	4	7	3	1	0	0	0	0	30
(1)	.35	1.38	.35	.00	.35	.17	.00	.00	.00	.69	1.21	.52	.17	.00	.00	.00	.00	5.19
(2)	.05	.21	.05	.00	.05	.03	.00	.00	.00	.11	.18	.08	.03	.00	.00	.00	.00	.79
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	3	8	0	0	1	0	0	12
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.52	1.38	.00	.00	.17	.00	.00	2.08
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.21	.00	.00	.03	.00	.00	.32
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.17	.00	.00	.00	.00	.00	.17
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.03
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-53— {SSES 197' (60-m) 2001-2006 July JFD - continued}

(Page 2 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 15.23**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	29	209	88	27	32	33	27	26	31	26	26	17	1	0	5	1	0	578
(1)	5.02	36.16	15.22	4.67	5.54	5.71	4.67	4.50	5.36	4.50	4.50	2.94	.17	.00	.87	.17	.00	100.00
(2)	.76	5.51	2.32	.71	.84	.87	.71	.69	.82	.69	.69	.45	.03	.00	.13	.03	.00	15.23

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-53— {SSES 197' (60-m) 2001-2006 July JFD - continued}

(Page 1 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 4.11**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	1	0	3	6	4	5	1	2	0	0	0	0	0	0	0	0	0	22
(1)	.64	.00	1.92	3.85	2.56	3.21	.64	1.28	.00	.00	.00	.00	.00	.00	.00	.00	.00	14.10
(2)	.03	.00	.08	.16	.11	.13	.03	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.58
1.1- 1.5	2	6	18	2	4	4	4	1	3	0	1	0	0	0	1	0	0	46
(1)	1.28	3.85	11.54	1.28	2.56	2.56	2.56	.64	1.92	.00	.64	.00	.00	.00	.64	.00	.00	29.49
(2)	.05	.16	.47	.05	.11	.11	.11	.03	.08	.00	.03	.00	.00	.00	.03	.00	.00	1.21
1.6- 2.0	1	23	7	2	0	0	2	0	1	2	2	1	0	0	1	0	0	42
(1)	.64	14.74	4.49	1.28	.00	.00	1.28	.00	.64	1.28	1.28	.64	.00	.00	.64	.00	.00	26.92
(2)	.03	.61	.18	.05	.00	.00	.05	.00	.03	.05	.05	.03	.00	.00	.03	.00	.00	1.11
2.1- 3.0	3	15	5	0	0	0	0	0	0	5	6	1	0	1	1	1	0	38
(1)	1.92	9.62	3.21	.00	.00	.00	.00	.00	.00	3.21	3.85	.64	.00	.64	.64	.64	.00	24.36
(2)	.08	.40	.13	.00	.00	.00	.00	.00	.00	.13	.16	.03	.00	.03	.03	.03	.00	1.00
3.1- 4.0	1	1	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	7
(1)	.64	.64	.00	.00	.00	.00	.00	.00	.00	.00	1.92	1.28	.00	.00	.00	.00	.00	4.49
(2)	.03	.03	.00	.00	.00	.00	.00	.00	.00	.00	.08	.05	.00	.00	.00	.00	.00	.18
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.64	.00	.00	.64
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.03
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-53— {SSES 197' (60-m) 2001-2006 July JFD - continued}

(Page 2 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 4.11**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	8	45	33	10	8	9	7	3	4	7	12	4	0	1	4	1	0	156
(1)	5.13	28.85	21.15	6.41	5.13	5.77	4.49	1.92	2.56	4.49	7.69	2.56	.00	.64	2.56	.64	.00	100.00
(2)	.21	1.19	.87	.26	.21	.24	.18	.08	.11	.18	.32	.11	.00	.03	.11	.03	.00	4.11

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-53— {SSES 197' (60-m) 2001-2006 July JFD - continued}

(Page 1 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
(2)	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
.2- .4	0	0	2	1	3	0	2	2	0	1	0	0	0	0	0	0	0	11
(1)	.00	.00	.05	.03	.08	.00	.05	.05	.00	.03	.00	.00	.00	.00	.00	.00	.00	.29
(2)	.00	.00	.05	.03	.08	.00	.05	.05	.00	.03	.00	.00	.00	.00	.00	.00	.00	.29
.5- 1.0	8	27	76	63	52	57	40	37	32	20	11	6	0	1	2	2	0	434
(1)	.21	.71	2.00	1.66	1.37	1.50	1.05	.97	.84	.53	.29	.16	.00	.03	.05	.05	.00	11.44
(2)	.21	.71	2.00	1.66	1.37	1.50	1.05	.97	.84	.53	.29	.16	.00	.03	.05	.05	.00	11.44
1.1- 1.5	13	91	126	44	40	30	43	35	53	35	33	12	5	1	3	1	0	565
(1)	.34	2.40	3.32	1.16	1.05	.79	1.13	.92	1.40	.92	.87	.32	.13	.03	.08	.03	.00	14.89
(2)	.34	2.40	3.32	1.16	1.05	.79	1.13	.92	1.40	.92	.87	.32	.13	.03	.08	.03	.00	14.89
1.6- 2.0	32	165	91	31	19	15	14	18	16	46	54	13	6	2	5	7	0	534
(1)	.84	4.35	2.40	.82	.50	.40	.37	.47	.42	1.21	1.42	.34	.16	.05	.13	.18	.00	14.07
(2)	.84	4.35	2.40	.82	.50	.40	.37	.47	.42	1.21	1.42	.34	.16	.05	.13	.18	.00	14.07
2.1- 3.0	66	210	68	35	28	15	30	18	25	81	124	38	6	13	17	17	0	791
(1)	1.74	5.53	1.79	.92	.74	.40	.79	.47	.66	2.13	3.27	1.00	.16	.34	.45	.45	.00	20.84
(2)	1.74	5.53	1.79	.92	.74	.40	.79	.47	.66	2.13	3.27	1.00	.16	.34	.45	.45	.00	20.84
3.1- 4.0	41	52	22	8	15	14	31	23	24	52	138	63	15	11	20	21	0	550
(1)	1.08	1.37	.58	.21	.40	.37	.82	.61	.63	1.37	3.64	1.66	.40	.29	.53	.55	.00	14.49
(2)	1.08	1.37	.58	.21	.40	.37	.82	.61	.63	1.37	3.64	1.66	.40	.29	.53	.55	.00	14.49
4.1- 5.0	32	23	10	12	4	10	14	6	39	49	107	98	15	13	26	20	0	478
(1)	.84	.61	.26	.32	.11	.26	.37	.16	1.03	1.29	2.82	2.58	.40	.34	.69	.53	.00	12.60
(2)	.84	.61	.26	.32	.11	.26	.37	.16	1.03	1.29	2.82	2.58	.40	.34	.69	.53	.00	12.60
5.1- 6.0	20	16	1	1	0	0	9	2	22	26	58	71	17	5	9	14	0	271
(1)	.53	.42	.03	.03	.00	.00	.24	.05	.58	.69	1.53	1.87	.45	.13	.24	.37	.00	7.14
(2)	.53	.42	.03	.03	.00	.00	.24	.05	.58	.69	1.53	1.87	.45	.13	.24	.37	.00	7.14
6.1- 8.0	1	9	0	1	0	0	2	2	5	16	35	69	3	0	1	1	0	145

Table 2.3-53— {SSES 197' (60-m) 2001-2006 July JFD - continued}

(Page 2 of 2)

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.03	.24	.00	.03	.00	.00	.05	.05	.13	.42	.92	1.82	.08	.00	.03	.03	.00	3.82
(2)	.03	.24	.00	.03	.00	.00	.05	.05	.13	.42	.92	1.82	.08	.00	.03	.03	.00	3.82
8.1-10.0	0	0	0	0	0	0	0	0	1	2	4	8	0	0	0	0	0	15
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.03	.05	.11	.21	.00	.00	.00	.00	.00	.40
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.03	.05	.11	.21	.00	.00	.00	.00	.00	.40
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	213	593	396	196	162	141	185	143	217	328	564	378	67	46	83	83	0	3795
(1)	5.61	15.63	10.43	5.16	4.27	3.72	4.87	3.77	5.72	8.64	14.86	9.96	1.77	1.21	2.19	2.19	.00	100.00
(2)	5.61	15.63	10.43	5.16	4.27	3.72	4.87	3.77	5.72	8.64	14.86	9.96	1.77	1.21	2.19	2.19	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-54— {SSES 197' (60-m) 2001-2006 August JFD}
(Page 1 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA | STABILITY CLASS A | CLASS FREQUENCY (PERCENT) = 10.94

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	2	1	2	2	3	1	0	1	0	2	0	0	0	0	0	0	14
(1)	.00	.41	.21	.41	.41	.62	.21	.00	.21	.00	.41	.00	.00	.00	.00	.00	.00	2.89
(2)	.00	.05	.02	.05	.05	.07	.02	.00	.02	.00	.05	.00	.00	.00	.00	.00	.00	.32
1.1- 1.5	0	1	11	7	4	1	2	1	3	7	2	1	0	1	0	0	0	41
(1)	.00	.21	2.27	1.45	.83	.21	.41	.21	.62	1.45	.41	.21	.00	.21	.00	.00	.00	8.47
(2)	.00	.02	.25	.16	.09	.02	.05	.02	.07	.16	.05	.02	.00	.02	.00	.00	.00	.93
1.6- 2.0	0	3	6	5	5	3	3	3	6	2	3	0	0	0	0	0	0	39
(1)	.00	.62	1.24	1.03	1.03	.62	.62	.62	1.24	.41	.62	.00	.00	.00	.00	.00	.00	8.06
(2)	.00	.07	.14	.11	.11	.07	.07	.07	.14	.05	.07	.00	.00	.00	.00	.00	.00	.88
2.1- 3.0	1	5	14	2	0	1	6	2	5	16	21	5	0	0	1	0	0	79
(1)	.21	1.03	2.89	.41	.00	.21	1.24	.41	1.03	3.31	4.34	1.03	.00	.00	.21	.00	.00	16.32
(2)	.02	.11	.32	.05	.00	.02	.14	.05	.11	.36	.47	.11	.00	.00	.02	.00	.00	1.79
3.1- 4.0	13	5	10	0	0	0	0	2	7	3	23	5	1	3	2	3	0	77
(1)	2.69	1.03	2.07	.00	.00	.00	.00	.41	1.45	.62	4.75	1.03	.21	.62	.41	.62	.00	15.91
(2)	.29	.11	.23	.00	.00	.00	.00	.05	.16	.07	.52	.11	.02	.07	.05	.07	.00	1.74
4.1- 5.0	13	9	2	0	0	0	0	2	4	10	47	15	9	3	0	3	0	117
(1)	2.69	1.86	.41	.00	.00	.00	.00	.41	.83	2.07	9.71	3.10	1.86	.62	.00	.62	.00	24.17
(2)	.29	.20	.05	.00	.00	.00	.00	.05	.09	.23	1.06	.34	.20	.07	.00	.07	.00	2.64
5.1- 6.0	0	10	0	0	0	0	0	2	4	5	31	23	8	0	0	0	0	83
(1)	.00	2.07	.00	.00	.00	.00	.00	.41	.83	1.03	6.40	4.75	1.65	.00	.00	.00	.00	17.15
(2)	.00	.23	.00	.00	.00	.00	.00	.05	.09	.11	.70	.52	.18	.00	.00	.00	.00	1.88
6.1- 8.0	2	1	0	0	0	3	0	0	3	4	10	11	0	0	0	0	0	34

Table 2.3-54— {SSES 197' (60-m) 2001-2006 August JFD}

(Page 2 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 10.94**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.41	.21	.00	.00	.00	.62	.00	.00	.62	.83	2.07	2.27	.00	.00	.00	.00	.00	7.02
(2)	.05	.02	.00	.00	.00	.07	.00	.00	.07	.09	.23	.25	.00	.00	.00	.00	.00	.77
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	29	36	44	16	11	11	12	12	33	47	139	60	18	7	3	6	0	484
(1)	5.99	7.44	9.09	3.31	2.27	2.27	2.48	2.48	6.82	9.71	28.72	12.40	3.72	1.45	.62	1.24	.00	100.00
(2)	.66	.81	.99	.36	.25	.25	.27	.27	.75	1.06	3.14	1.36	.41	.16	.07	.14	.00	10.94

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-54— {SSES 197' (60-m) 2001-2006 August JFD - continued}

(Page 1 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.89**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0	0	7
(1)	.00	.00	.00	1.16	1.16	1.16	.58	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.07
(2)	.00	.00	.00	.05	.05	.05	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16
1.1- 1.5	1	2	3	3	3	0	0	0	0	1	0	0	0	0	1	0	0	14
(1)	.58	1.16	1.74	1.74	1.74	.00	.00	.00	.00	.58	.00	.00	.00	.00	.58	.00	.00	8.14
(2)	.02	.05	.07	.07	.07	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.32
1.6- 2.0	1	3	1	3	0	2	1	0	0	0	1	0	0	0	0	0	0	12
(1)	.58	1.74	.58	1.74	.00	1.16	.58	.00	.00	.00	.58	.00	.00	.00	.00	.00	.00	6.98
(2)	.02	.07	.02	.07	.00	.05	.02	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.27
2.1- 3.0	2	3	4	4	0	0	0	1	2	3	7	0	0	1	1	0	0	28
(1)	1.16	1.74	2.33	2.33	.00	.00	.00	.58	1.16	1.74	4.07	.00	.00	.58	.58	.00	.00	16.28
(2)	.05	.07	.09	.09	.00	.00	.00	.02	.05	.07	.16	.00	.00	.02	.02	.00	.00	.63
3.1- 4.0	4	8	3	1	0	0	0	1	0	1	10	2	0	1	0	1	0	32
(1)	2.33	4.65	1.74	.58	.00	.00	.00	.58	.00	.58	5.81	1.16	.00	.58	.00	.58	.00	18.60
(2)	.09	.18	.07	.02	.00	.00	.00	.02	.00	.02	.23	.05	.00	.02	.00	.02	.00	.72
4.1- 5.0	4	5	0	0	1	0	1	1	1	2	16	5	3	3	1	3	0	46
(1)	2.33	2.91	.00	.00	.58	.00	.58	.58	.58	1.16	9.30	2.91	1.74	1.74	.58	1.74	.00	26.74
(2)	.09	.11	.00	.00	.02	.00	.02	.02	.02	.05	.36	.11	.07	.07	.02	.07	.00	1.04
5.1- 6.0	0	1	0	0	0	0	0	0	0	4	4	5	2	0	1	1	0	18
(1)	.00	.58	.00	.00	.00	.00	.00	.00	.00	2.33	2.33	2.91	1.16	.00	.58	.58	.00	10.47
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.09	.09	.11	.05	.00	.02	.02	.00	.41
6.1- 8.0	3	0	0	0	0	1	0	0	1	4	2	3	0	0	0	0	0	14

Table 2.3-54— {SSES 197' (60-m) 2001-2006 August JFD - continued}

(Page 2 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.89**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	1.74	.00	.00	.00	.00	.58	.00	.00	.58	2.33	1.16	1.74	.00	.00	.00	.00	.00	8.14
(2)	.07	.00	.00	.00	.00	.02	.00	.00	.02	.09	.05	.07	.00	.00	.00	.00	.00	.32
8.1-10.0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.58	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.58
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	16	22	11	13	6	5	3	3	4	15	40	15	5	5	4	5	0	172
(1)	9.30	12.79	6.40	7.56	3.49	2.91	1.74	1.74	2.33	8.72	23.26	8.72	2.91	2.91	2.33	2.91	.00	100.00
(2)	.36	.50	.25	.29	.14	.11	.07	.07	.09	.34	.90	.34	.11	.11	.09	.11	.00	3.89

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-54— {SSES 197' (60-m) 2001-2006 August JFD - continued}

(Page 1 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.91**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	5	0	0	0	0	5	0	1	0	0	0	0	0	0	11
(1)	.00	.00	.00	2.30	.00	.00	.00	.00	2.30	.00	.46	.00	.00	.00	.00	.00	.00	5.07
(2)	.00	.00	.00	.11	.00	.00	.00	.00	.11	.00	.02	.00	.00	.00	.00	.00	.00	.25
1.1- 1.5	1	4	4	2	5	1	0	2	0	3	0	0	0	1	0	1	0	24
(1)	.46	1.84	1.84	.92	2.30	.46	.00	.92	.00	1.38	.00	.00	.00	.46	.00	.46	.00	11.06
(2)	.02	.09	.09	.05	.11	.02	.00	.05	.00	.07	.00	.00	.00	.02	.00	.02	.00	.54
1.6- 2.0	2	5	2	3	1	0	0	1	2	6	1	0	0	0	0	0	0	23
(1)	.92	2.30	.92	1.38	.46	.00	.00	.46	.92	2.76	.46	.00	.00	.00	.00	.00	.00	10.60
(2)	.05	.11	.05	.07	.02	.00	.00	.02	.05	.14	.02	.00	.00	.00	.00	.00	.00	.52
2.1- 3.0	1	5	3	1	0	0	0	2	2	3	7	1	0	1	0	0	0	26
(1)	.46	2.30	1.38	.46	.00	.00	.00	.92	.92	1.38	3.23	.46	.00	.46	.00	.00	.00	11.98
(2)	.02	.11	.07	.02	.00	.00	.00	.05	.05	.07	.16	.02	.00	.02	.00	.00	.00	.59
3.1- 4.0	5	8	5	0	1	0	0	1	1	0	11	6	0	0	2	4	0	44
(1)	2.30	3.69	2.30	.00	.46	.00	.00	.46	.46	.00	5.07	2.76	.00	.00	.92	1.84	.00	20.28
(2)	.11	.18	.11	.00	.02	.00	.00	.02	.02	.00	.25	.14	.00	.00	.05	.09	.00	.99
4.1- 5.0	5	3	1	0	0	0	1	1	3	3	16	13	3	2	1	3	0	55
(1)	2.30	1.38	.46	.00	.00	.00	.46	.46	1.38	1.38	7.37	5.99	1.38	.92	.46	1.38	.00	25.35
(2)	.11	.07	.02	.00	.00	.00	.02	.02	.07	.07	.36	.29	.07	.05	.02	.07	.00	1.24
5.1- 6.0	0	2	0	0	0	0	0	1	0	2	5	6	1	0	0	0	0	17
(1)	.00	.92	.00	.00	.00	.00	.00	.46	.00	.92	2.30	2.76	.46	.00	.00	.00	.00	7.83
(2)	.00	.05	.00	.00	.00	.00	.00	.02	.00	.05	.11	.14	.02	.00	.00	.00	.00	.38
6.1- 8.0	1	1	0	0	0	0	0	0	0	1	5	4	0	2	0	0	0	14

Table 2.3-54— {SSES 197' (60-m) 2001-2006 August JFD - continued}
(Page 2 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 4.91**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.46	.46	.00	.00	.00	.00	.00	.00	.00	.46	2.30	1.84	.00	.92	.00	.00	.00	6.45
(2)	.02	.02	.00	.00	.00	.00	.00	.00	.00	.02	.11	.09	.00	.05	.00	.00	.00	.32
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.38	.00	.00	.00	.00	.00	1.38
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.07
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	15	28	15	11	7	1	1	8	13	18	46	33	4	6	3	8	0	217
(1)	6.91	12.90	6.91	5.07	3.23	.46	.46	3.69	5.99	8.29	21.20	15.21	1.84	2.76	1.38	3.69	.00	100.00
(2)	.34	.63	.34	.25	.16	.02	.02	.18	.29	.41	1.04	.75	.09	.14	.07	.18	.00	4.91

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-54— {SSES 197' (60-m) 2001-2006 August JFD - continued}

(Page 1 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 27.44**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.16	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.25
(2)	.00	.05	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	5	12	20	15	12	7	9	10	13	6	8	5	1	0	0	1	0	124
(1)	.41	.99	1.65	1.24	.99	.58	.74	.82	1.07	.49	.66	.41	.08	.00	.00	.08	.00	10.21
(2)	.11	.27	.45	.34	.27	.16	.20	.23	.29	.14	.18	.11	.02	.00	.00	.02	.00	2.80
1.1- 1.5	6	36	29	7	14	7	5	9	14	15	12	5	2	2	3	5	0	171
(1)	.49	2.97	2.39	.58	1.15	.58	.41	.74	1.15	1.24	.99	.41	.16	.16	.25	.41	.00	14.09
(2)	.14	.81	.66	.16	.32	.16	.11	.20	.32	.34	.27	.11	.05	.05	.07	.11	.00	3.87
1.6- 2.0	10	21	11	8	11	5	9	7	9	19	16	12	1	0	0	3	0	142
(1)	.82	1.73	.91	.66	.91	.41	.74	.58	.74	1.57	1.32	.99	.08	.00	.00	.25	.00	11.70
(2)	.23	.47	.25	.18	.25	.11	.20	.16	.20	.43	.36	.27	.02	.00	.00	.07	.00	3.21
2.1- 3.0	20	36	13	8	6	10	9	6	9	19	48	14	8	5	2	7	0	220
(1)	1.65	2.97	1.07	.66	.49	.82	.74	.49	.74	1.57	3.95	1.15	.66	.41	.16	.58	.00	18.12
(2)	.45	.81	.29	.18	.14	.23	.20	.14	.20	.43	1.08	.32	.18	.11	.05	.16	.00	4.97
3.1- 4.0	28	26	16	3	6	8	5	9	15	22	42	19	9	9	9	16	0	242
(1)	2.31	2.14	1.32	.25	.49	.66	.41	.74	1.24	1.81	3.46	1.57	.74	.74	.74	1.32	.00	19.93
(2)	.63	.59	.36	.07	.14	.18	.11	.20	.34	.50	.95	.43	.20	.20	.20	.36	.00	5.47
4.1- 5.0	18	21	8	0	2	8	0	10	12	17	39	27	4	6	5	17	0	194
(1)	1.48	1.73	.66	.00	.16	.66	.00	.82	.99	1.40	3.21	2.22	.33	.49	.41	1.40	.00	15.98
(2)	.41	.47	.18	.00	.05	.18	.00	.23	.27	.38	.88	.61	.09	.14	.11	.38	.00	4.39
5.1- 6.0	9	11	1	0	2	4	0	2	6	8	14	18	1	0	3	7	0	86
(1)	.74	.91	.08	.00	.16	.33	.00	.16	.49	.66	1.15	1.48	.08	.00	.25	.58	.00	7.08
(2)	.20	.25	.02	.00	.05	.09	.00	.05	.14	.18	.32	.41	.02	.00	.07	.16	.00	1.94
6.1- 8.0	0	2	0	0	2	2	0	0	6	8	4	4	3	1	0	0	0	32

Table 2.3-54— {SSES 197' (60-m) 2001-2006 August JFD - continued}

(Page 2 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 27.44**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.16	.00	.00	.16	.16	.00	.00	.49	.66	.33	.33	.25	.08	.00	.00	.00	2.64
(2)	.00	.05	.00	.00	.05	.05	.00	.00	.14	.18	.09	.09	.07	.02	.00	.00	.00	.72
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	96	167	98	41	56	51	37	53	84	114	183	104	29	23	22	56	0	1214
(1)	7.91	13.76	8.07	3.38	4.61	4.20	3.05	4.37	6.92	9.39	15.07	8.57	2.39	1.89	1.81	4.61	.00	100.00
(2)	2.17	3.77	2.22	.93	1.27	1.15	.84	1.20	1.90	2.58	4.14	2.35	.66	.52	.50	1.27	.00	27.44

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-54— {SSES 197' (60-m) 2001-2006 August JFD - continued}

(Page 1 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 32.32**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	0	0	1	3	0	1	0	0	0	0	0	0	0	0	0	0	0	5
(1)	.00	.00	.07	.21	.00	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.35
(2)	.00	.00	.02	.07	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11
.5- 1.0	10	30	41	30	21	23	16	12	17	8	7	3	1	1	1	5	0	226
(1)	.70	2.10	2.87	2.10	1.47	1.61	1.12	.84	1.19	.56	.49	.21	.07	.07	.07	.35	.00	15.80
(2)	.23	.68	.93	.68	.47	.52	.36	.27	.38	.18	.16	.07	.02	.02	.02	.11	.00	5.11
1.1- 1.5	13	59	61	16	18	8	12	15	17	13	6	3	4	4	1	1	0	251
(1)	.91	4.13	4.27	1.12	1.26	.56	.84	1.05	1.19	.91	.42	.21	.28	.28	.07	.07	.00	17.55
(2)	.29	1.33	1.38	.36	.41	.18	.27	.34	.38	.29	.14	.07	.09	.09	.02	.02	.00	5.67
1.6- 2.0	22	106	31	9	5	5	10	9	25	16	15	4	1	3	1	1	0	263
(1)	1.54	7.41	2.17	.63	.35	.35	.70	.63	1.75	1.12	1.05	.28	.07	.21	.07	.07	.00	18.39
(2)	.50	2.40	.70	.20	.11	.11	.23	.20	.57	.36	.34	.09	.02	.07	.02	.02	.00	5.94
2.1- 3.0	40	88	30	14	9	8	13	25	26	19	34	9	2	2	3	3	0	325
(1)	2.80	6.15	2.10	.98	.63	.56	.91	1.75	1.82	1.33	2.38	.63	.14	.14	.21	.21	.00	22.73
(2)	.90	1.99	.68	.32	.20	.18	.29	.57	.59	.43	.77	.20	.05	.05	.07	.07	.00	7.35
3.1- 4.0	13	28	22	2	4	3	6	15	19	40	29	17	3	2	2	5	0	210
(1)	.91	1.96	1.54	.14	.28	.21	.42	1.05	1.33	2.80	2.03	1.19	.21	.14	.14	.35	.00	14.69
(2)	.29	.63	.50	.05	.09	.07	.14	.34	.43	.90	.66	.38	.07	.05	.05	.11	.00	4.75
4.1- 5.0	8	11	5	0	0	0	0	3	15	23	18	10	0	1	1	2	0	97
(1)	.56	.77	.35	.00	.00	.00	.00	.21	1.05	1.61	1.26	.70	.00	.07	.07	.14	.00	6.78
(2)	.18	.25	.11	.00	.00	.00	.00	.07	.34	.52	.41	.23	.00	.02	.02	.05	.00	2.19
5.1- 6.0	2	3	1	0	0	0	3	0	1	3	6	11	0	0	1	2	0	33
(1)	.14	.21	.07	.00	.00	.00	.21	.00	.07	.21	.42	.77	.00	.00	.07	.14	.00	2.31
(2)	.05	.07	.02	.00	.00	.00	.07	.00	.02	.07	.14	.25	.00	.00	.02	.05	.00	.75
6.1- 8.0	0	0	0	0	0	0	0	3	4	6	1	0	0	0	0	0	0	14

Table 2.3-54— {SSES 197' (60-m) 2001-2006 August JFD - continued}

(Page 2 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 32.32**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.21	.28	.42	.07	.00	.00	.00	.00	.00	.00	.98
(2)	.00	.00	.00	.00	.00	.00	.00	.07	.09	.14	.02	.00	.00	.00	.00	.00	.00	.32
8.1-10.0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.07	.28	.00	.00	.00	.00	.00	.00	.00	.00	.35
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.09	.00	.00	.00	.00	.00	.00	.00	.00	.11
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	108	325	193	74	57	48	60	83	128	128	116	57	11	13	10	19	0	1430
(1)	7.55	22.73	13.50	5.17	3.99	3.36	4.20	5.80	8.95	8.95	8.11	3.99	.77	.91	.70	1.33	.00	100.00
(2)	2.44	7.35	4.36	1.67	1.29	1.08	1.36	1.88	2.89	2.89	2.62	1.29	.25	.29	.23	.43	.00	32.32

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-54— {SSES 197' (60-m) 2001-2006 August JFD - continued}

(Page 1 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 15.12**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.15	.00	.15	.00	.15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.45
(2)	.00	.00	.00	.02	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	3	12	20	12	14	13	10	8	3	1	1	1	2	0	0	0	0	100
(1)	.45	1.79	2.99	1.79	2.09	1.94	1.49	1.20	.45	.15	.15	.15	.30	.00	.00	.00	.00	14.95
(2)	.07	.27	.45	.27	.32	.29	.23	.18	.07	.02	.02	.02	.05	.00	.00	.00	.00	2.26
1.1- 1.5	7	51	47	16	14	8	11	5	11	2	1	0	0	1	0	2	0	176
(1)	1.05	7.62	7.03	2.39	2.09	1.20	1.64	.75	1.64	.30	.15	.00	.00	.15	.00	.30	.00	26.31
(2)	.16	1.15	1.06	.36	.32	.18	.25	.11	.25	.05	.02	.00	.00	.02	.00	.05	.00	3.98
1.6- 2.0	13	102	18	1	3	1	1	3	3	6	5	4	1	0	0	0	0	161
(1)	1.94	15.25	2.69	.15	.45	.15	.15	.45	.45	.90	.75	.60	.15	.00	.00	.00	.00	24.07
(2)	.29	2.31	.41	.02	.07	.02	.02	.07	.07	.14	.11	.09	.02	.00	.00	.00	.00	3.64
2.1- 3.0	34	115	5	0	0	0	1	1	1	4	11	1	0	0	1	1	0	175
(1)	5.08	17.19	.75	.00	.00	.00	.15	.15	.15	.60	1.64	.15	.00	.00	.15	.15	.00	26.16
(2)	.77	2.60	.11	.00	.00	.00	.02	.02	.02	.09	.25	.02	.00	.00	.02	.02	.00	3.96
3.1- 4.0	8	2	1	0	0	0	0	1	0	2	12	7	0	0	0	0	0	33
(1)	1.20	.30	.15	.00	.00	.00	.00	.15	.00	.30	1.79	1.05	.00	.00	.00	.00	.00	4.93
(2)	.18	.05	.02	.00	.00	.00	.00	.02	.00	.05	.27	.16	.00	.00	.00	.00	.00	.75
4.1- 5.0	1	1	1	0	0	0	0	0	0	0	5	11	0	0	0	0	0	19
(1)	.15	.15	.15	.00	.00	.00	.00	.00	.00	.00	.75	1.64	.00	.00	.00	.00	.00	2.84
(2)	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.11	.25	.00	.00	.00	.00	.00	.43
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.30	.00	.00	.00	.00	.00	.30
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-54— {SSES 197' (60-m) 2001-2006 August JFD - continued}
(Page 2 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 15.12**
WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	66	283	92	30	31	23	23	19	18	15	35	26	3	1	1	3	0	669
(1)	9.87	42.30	13.75	4.48	4.63	3.44	3.44	2.84	2.69	2.24	5.23	3.89	.45	.15	.15	.45	.00	100.00
(2)	1.49	6.40	2.08	.68	.70	.52	.52	.43	.41	.34	.79	.59	.07	.02	.02	.07	.00	15.12

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-54— {SSES 197' (60-m) 2001-2006 August JFD - continued}

(Page 1 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 5.38**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	1	1	4	8	4	4	1	3	1	0	0	0	0	0	0	1	0	28
(1)	.42	.42	1.68	3.36	1.68	1.68	.42	1.26	.42	.00	.00	.00	.00	.00	.00	.42	.00	11.76
(2)	.02	.02	.09	.18	.09	.09	.02	.07	.02	.00	.00	.00	.00	.00	.00	.02	.00	.63
1.1- 1.5	1	23	17	10	5	4	3	3	2	4	3	0	0	0	0	0	0	75
(1)	.42	9.66	7.14	4.20	2.10	1.68	1.26	1.26	.84	1.68	1.26	.00	.00	.00	.00	.00	.00	31.51
(2)	.02	.52	.38	.23	.11	.09	.07	.07	.05	.09	.07	.00	.00	.00	.00	.00	.00	1.70
1.6- 2.0	7	36	10	2	1	1	0	0	1	3	3	0	0	0	0	0	0	64
(1)	2.94	15.13	4.20	.84	.42	.42	.00	.00	.42	1.26	1.26	.00	.00	.00	.00	.00	.00	26.89
(2)	.16	.81	.23	.05	.02	.02	.00	.00	.02	.07	.07	.00	.00	.00	.00	.00	.00	1.45
2.1- 3.0	11	34	3	0	0	0	0	0	2	2	3	0	0	0	1	0	0	56
(1)	4.62	14.29	1.26	.00	.00	.00	.00	.00	.84	.84	1.26	.00	.00	.00	.42	.00	.00	23.53
(2)	.25	.77	.07	.00	.00	.00	.00	.00	.05	.05	.07	.00	.00	.00	.02	.00	.00	1.27
3.1- 4.0	6	4	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	15
(1)	2.52	1.68	.00	.00	.00	.00	.00	.00	.00	.84	.84	.42	.00	.00	.00	.00	.00	6.30
(2)	.14	.09	.00	.00	.00	.00	.00	.00	.00	.05	.05	.02	.00	.00	.00	.00	.00	.34
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-54— {SSES 197' (60-m) 2001-2006 August JFD - continued}
(Page 2 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 5.38**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	26	98	34	20	10	9	4	6	6	11	11	1	0	0	1	1	0	238
(1)	10.92	41.18	14.29	8.40	4.20	3.78	1.68	2.52	2.52	4.62	4.62	.42	.00	.00	.42	.42	.00	100.00
(2)	.59	2.22	.77	.45	.23	.20	.09	.14	.14	.25	.25	.02	.00	.00	.02	.02	.00	5.38

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-54— {SSES 197' (60-m) 2001-2006 August JFD - continued}

(Page 1 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	0	2	1	4	1	2	0	1	0	0	0	0	0	0	0	0	0	11
(1)	.00	.05	.02	.09	.02	.05	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.25
(2)	.00	.05	.02	.09	.02	.05	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.25
.5- 1.0	19	57	86	74	55	52	38	33	40	15	19	9	4	1	1	7	0	510
(1)	.43	1.29	1.94	1.67	1.24	1.18	.86	.75	.90	.34	.43	.20	.09	.02	.02	.16	.00	11.53
(2)	.43	1.29	1.94	1.67	1.24	1.18	.86	.75	.90	.34	.43	.20	.09	.02	.02	.16	.00	11.53
1.1- 1.5	29	176	172	61	63	29	33	35	47	45	24	9	6	9	5	9	0	752
(1)	.66	3.98	3.89	1.38	1.42	.66	.75	.79	1.06	1.02	.54	.20	.14	.20	.11	.20	.00	17.00
(2)	.66	3.98	3.89	1.38	1.42	.66	.75	.79	1.06	1.02	.54	.20	.14	.20	.11	.20	.00	17.00
1.6- 2.0	55	276	79	31	26	17	24	23	46	52	44	20	3	3	1	4	0	704
(1)	1.24	6.24	1.79	.70	.59	.38	.54	.52	1.04	1.18	.99	.45	.07	.07	.02	.09	.00	15.91
(2)	1.24	6.24	1.79	.70	.59	.38	.54	.52	1.04	1.18	.99	.45	.07	.07	.02	.09	.00	15.91
2.1- 3.0	109	286	72	29	15	19	29	37	47	66	131	30	10	9	9	11	0	909
(1)	2.46	6.46	1.63	.66	.34	.43	.66	.84	1.06	1.49	2.96	.68	.23	.20	.20	.25	.00	20.55
(2)	2.46	6.46	1.63	.66	.34	.43	.66	.84	1.06	1.49	2.96	.68	.23	.20	.20	.25	.00	20.55
3.1- 4.0	77	81	57	6	11	11	11	29	42	70	129	57	13	15	15	29	0	653
(1)	1.74	1.83	1.29	.14	.25	.25	.25	.66	.95	1.58	2.92	1.29	.29	.34	.34	.66	.00	14.76
(2)	1.74	1.83	1.29	.14	.25	.25	.25	.66	.95	1.58	2.92	1.29	.29	.34	.34	.66	.00	14.76
4.1- 5.0	49	50	17	0	3	8	2	17	35	55	141	81	19	15	8	28	0	528
(1)	1.11	1.13	.38	.00	.07	.18	.05	.38	.79	1.24	3.19	1.83	.43	.34	.18	.63	.00	11.93
(2)	1.11	1.13	.38	.00	.07	.18	.05	.38	.79	1.24	3.19	1.83	.43	.34	.18	.63	.00	11.93
5.1- 6.0	11	27	2	0	2	4	3	5	11	22	60	65	12	0	5	10	0	239
(1)	.25	.61	.05	.00	.05	.09	.07	.11	.25	.50	1.36	1.47	.27	.00	.11	.23	.00	5.40
(2)	.25	.61	.05	.00	.05	.09	.07	.11	.25	.50	1.36	1.47	.27	.00	.11	.23	.00	5.40
6.1- 8.0	6	4	0	0	2	6	0	3	14	23	22	22	3	3	0	0	0	108

Table 2.3-54— {SSES 197' (60-m) 2001-2006 August JFD - continued}
(Page 2 of 2)

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.14	.09	.00	.00	.05	.14	.00	.07	.32	.52	.50	.50	.07	.07	.00	.00	.00	2.44
(2)	.14	.09	.00	.00	.05	.14	.00	.07	.32	.52	.50	.50	.07	.07	.00	.00	.00	2.44
8.1-10.0	1	0	0	0	0	0	0	1	4	0	0	3	0	0	0	0	0	9
(1)	.02	.00	.00	.00	.00	.00	.00	.02	.09	.00	.00	.07	.00	.00	.00	.00	.00	.20
(2)	.02	.00	.00	.00	.00	.00	.00	.02	.09	.00	.00	.07	.00	.00	.00	.00	.00	.20
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	356	959	487	205	178	148	140	184	286	348	570	296	70	55	44	98	0	4424
(1)	8.05	21.68	11.01	4.63	4.02	3.35	3.16	4.16	6.46	7.87	12.88	6.69	1.58	1.24	.99	2.22	.00	100.00
(2)	8.05	21.68	11.01	4.63	4.02	3.35	3.16	4.16	6.46	7.87	12.88	6.69	1.58	1.24	.99	2.22	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-55— {SSES 197' (60-m) 2001-2006 September JFD}

(Page 1 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 7.03**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	2	2	1	2	1	1	2	0	1	0	0	0	0	0	0	12
(1)	.00	.00	.66	.66	.33	.66	.33	.33	.66	.00	.33	.00	.00	.00	.00	.00	.00	3.96
(2)	.00	.00	.05	.05	.02	.05	.02	.02	.05	.00	.02	.00	.00	.00	.00	.00	.00	.28
1.1- 1.5	1	2	4	6	1	3	1	2	5	4	2	0	0	0	0	0	0	31
(1)	.33	.66	1.32	1.98	.33	.99	.33	.66	1.65	1.32	.66	.00	.00	.00	.00	.00	.00	10.23
(2)	.02	.05	.09	.14	.02	.07	.02	.05	.12	.09	.05	.00	.00	.00	.00	.00	.00	.72
1.6- 2.0	0	5	4	6	2	2	3	3	4	4	4	1	0	0	0	0	0	38
(1)	.00	1.65	1.32	1.98	.66	.66	.99	.99	1.32	1.32	1.32	.33	.00	.00	.00	.00	.00	12.54
(2)	.00	.12	.09	.14	.05	.05	.07	.07	.09	.09	.09	.02	.00	.00	.00	.00	.00	.88
2.1- 3.0	1	11	8	2	1	1	2	4	3	7	11	4	0	0	2	1	0	58
(1)	.33	3.63	2.64	.66	.33	.33	.66	1.32	.99	2.31	3.63	1.32	.00	.00	.66	.33	.00	19.14
(2)	.02	.26	.19	.05	.02	.02	.05	.09	.07	.16	.26	.09	.00	.00	.05	.02	.00	1.35
3.1- 4.0	1	4	1	0	0	0	3	4	2	6	18	4	2	0	3	2	0	50
(1)	.33	1.32	.33	.00	.00	.00	.99	1.32	.66	1.98	5.94	1.32	.66	.00	.99	.66	.00	16.50
(2)	.02	.09	.02	.00	.00	.00	.07	.09	.05	.14	.42	.09	.05	.00	.07	.05	.00	1.16
4.1- 5.0	6	5	1	0	0	0	0	5	9	8	14	4	1	2	0	1	0	56
(1)	1.98	1.65	.33	.00	.00	.00	.00	1.65	2.97	2.64	4.62	1.32	.33	.66	.00	.33	.00	18.48
(2)	.14	.12	.02	.00	.00	.00	.00	.12	.21	.19	.32	.09	.02	.05	.00	.02	.00	1.30
5.1- 6.0	2	1	4	0	0	0	0	6	6	4	10	5	0	0	0	0	0	38
(1)	.66	.33	1.32	.00	.00	.00	.00	1.98	1.98	1.32	3.30	1.65	.00	.00	.00	.00	.00	12.54
(2)	.05	.02	.09	.00	.00	.00	.00	.14	.14	.09	.23	.12	.00	.00	.00	.00	.00	.88
6.1- 8.0	0	0	0	0	0	0	0	1	5	6	3	4	0	0	0	0	0	19

Table 2.3-55— {SSES 197' (60-m) 2001-2006 September JFD}
(Page 2 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 7.03**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.33	1.65	1.98	.99	1.32	.00	.00	.00	.00	.00	6.27
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.12	.14	.07	.09	.00	.00	.00	.00	.00	.44
8.1-10.0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.33	.00	.00	.00	.00	.00	.00	.00	.33
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	11	28	24	16	5	8	10	26	36	40	63	22	3	2	5	4	0	303
(1)	3.63	9.24	7.92	5.28	1.65	2.64	3.30	8.58	11.88	13.20	20.79	7.26	.99	.66	1.65	1.32	.00	100.00
(2)	.26	.65	.56	.37	.12	.19	.23	.60	.84	.93	1.46	.51	.07	.05	.12	.09	.00	7.03

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-55— {SSES 197' (60-m) 2001-2006 September JFD - continued}
(Page 1 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.74**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	4
(1)	.00	.00	.62	.62	.00	.00	.00	.00	.00	1.24	.00	.00	.00	.00	.00	.00	.00	2.48
(2)	.00	.00	.02	.02	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.09
1.1- 1.5	0	2	2	2	0	2	1	0	0	2	0	0	0	0	0	0	0	11
(1)	.00	1.24	1.24	1.24	.00	1.24	.62	.00	.00	1.24	.00	.00	.00	.00	.00	.00	.00	6.83
(2)	.00	.05	.05	.05	.00	.05	.02	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.26
1.6- 2.0	1	3	3	2	0	1	0	0	3	3	4	0	0	0	0	0	0	20
(1)	.62	1.86	1.86	1.24	.00	.62	.00	.00	1.86	1.86	2.48	.00	.00	.00	.00	.00	.00	12.42
(2)	.02	.07	.07	.05	.00	.02	.00	.00	.07	.07	.09	.00	.00	.00	.00	.00	.00	.46
2.1- 3.0	1	1	5	0	0	1	1	0	2	2	9	1	1	0	0	3	0	27
(1)	.62	.62	3.11	.00	.00	.62	.62	.00	1.24	1.24	5.59	.62	.62	.00	.00	1.86	.00	16.77
(2)	.02	.02	.12	.00	.00	.02	.02	.00	.05	.05	.21	.02	.02	.00	.00	.07	.00	.63
3.1- 4.0	2	2	3	0	0	0	0	1	1	2	14	1	2	1	3	0	0	32
(1)	1.24	1.24	1.86	.00	.00	.00	.00	.62	.62	1.24	8.70	.62	1.24	.62	1.86	.00	.00	19.88
(2)	.05	.05	.07	.00	.00	.00	.00	.02	.02	.05	.32	.02	.05	.02	.07	.00	.00	.74
4.1- 5.0	3	7	1	0	0	0	2	1	2	2	7	1	2	4	2	5	0	39
(1)	1.86	4.35	.62	.00	.00	.00	1.24	.62	1.24	1.24	4.35	.62	1.24	2.48	1.24	3.11	.00	24.22
(2)	.07	.16	.02	.00	.00	.00	.05	.02	.05	.05	.16	.02	.05	.09	.05	.12	.00	.90
5.1- 6.0	1	2	0	0	0	0	1	0	1	1	2	5	3	2	0	1	0	19
(1)	.62	1.24	.00	.00	.00	.00	.62	.00	.62	.62	1.24	3.11	1.86	1.24	.00	.62	.00	11.80
(2)	.02	.05	.00	.00	.00	.00	.02	.00	.02	.02	.05	.12	.07	.05	.00	.02	.00	.44
6.1- 8.0	0	0	0	0	0	0	0	2	0	1	2	1	1	0	0	0	0	7

Table 2.3-55— {SSES 197' (60-m) 2001-2006 September JFD - continued}

(Page 2 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 3.74**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	1.24	.00	.62	1.24	.62	.62	.00	.00	.00	.00	4.35
(2)	.00	.00	.00	.00	.00	.00	.00	.05	.00	.02	.05	.02	.02	.00	.00	.00	.00	.16
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.62	.00	.00	.62
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.62	.00	.62
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02
ALL SPEEDS	8	17	15	5	0	4	5	4	9	15	38	9	9	7	6	10	0	161
(1)	4.97	10.56	9.32	3.11	.00	2.48	3.11	2.48	5.59	9.32	23.60	5.59	5.59	4.35	3.73	6.21	.00	100.00
(2)	.19	.39	.35	.12	.00	.09	.12	.09	.21	.35	.88	.21	.21	.16	.14	.23	.00	3.74

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-55— {SSES 197' (60-m) 2001-2006 September JFD - continued}

(Page 1 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 5.10**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.45	.45	.45	.00	.45	.00	.00	.00	.00	.00	.00	.00	.00	1.82
(2)	.00	.00	.00	.00	.02	.02	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.09
1.1- 1.5	3	1	3	4	3	0	2	2	0	4	2	0	0	0	0	0	0	24
(1)	1.36	.45	1.36	1.82	1.36	.00	.91	.91	.00	1.82	.91	.00	.00	.00	.00	.00	.00	10.91
(2)	.07	.02	.07	.09	.07	.00	.05	.05	.00	.09	.05	.00	.00	.00	.00	.00	.00	.56
1.6- 2.0	0	1	4	3	1	2	1	3	3	7	2	0	0	1	0	0	0	28
(1)	.00	.45	1.82	1.36	.45	.91	.45	1.36	1.36	3.18	.91	.00	.00	.45	.00	.00	.00	12.73
(2)	.00	.02	.09	.07	.02	.05	.02	.07	.07	.16	.05	.00	.00	.02	.00	.00	.00	.65
2.1- 3.0	2	10	3	1	0	1	0	0	2	3	14	4	0	0	1	0	0	41
(1)	.91	4.55	1.36	.45	.00	.45	.00	.00	.91	1.36	6.36	1.82	.00	.00	.45	.00	.00	18.64
(2)	.05	.23	.07	.02	.00	.02	.00	.00	.05	.07	.32	.09	.00	.00	.02	.00	.00	.95
3.1- 4.0	1	5	4	0	0	1	1	0	3	1	13	5	1	5	3	4	0	47
(1)	.45	2.27	1.82	.00	.00	.45	.45	.00	1.36	.45	5.91	2.27	.45	2.27	1.36	1.82	.00	21.36
(2)	.02	.12	.09	.00	.00	.02	.02	.00	.07	.02	.30	.12	.02	.12	.07	.09	.00	1.09
4.1- 5.0	8	7	1	0	0	0	1	2	2	5	4	2	3	6	1	2	0	44
(1)	3.64	3.18	.45	.00	.00	.00	.45	.91	.91	2.27	1.82	.91	1.36	2.73	.45	.91	.00	20.00
(2)	.19	.16	.02	.00	.00	.00	.02	.05	.05	.12	.09	.05	.07	.14	.02	.05	.00	1.02
5.1- 6.0	5	6	0	1	0	0	0	1	0	1	3	4	0	0	0	2	0	23
(1)	2.27	2.73	.00	.45	.00	.00	.00	.45	.00	.45	1.36	1.82	.00	.00	.00	.91	.00	10.45
(2)	.12	.14	.00	.02	.00	.00	.00	.02	.00	.02	.07	.09	.00	.00	.00	.05	.00	.53
6.1- 8.0	1	1	0	0	0	0	0	0	0	2	0	3	0	0	0	0	0	7

Table 2.3-55— {SSES 197' (60-m) 2001-2006 September JFD - continued}
(Page 2 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 5.10**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.45	.45	.00	.00	.00	.00	.00	.00	.00	.91	.00	1.36	.00	.00	.00	.00	.00	3.18
(2)	.02	.02	.00	.00	.00	.00	.00	.00	.00	.05	.00	.07	.00	.00	.00	.00	.00	.16
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.91	.00	.91
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.05
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	20	31	15	9	5	5	6	8	11	23	38	18	4	12	5	10	0	220
(1)	9.09	14.09	6.82	4.09	2.27	2.27	2.73	3.64	5.00	10.45	17.27	8.18	1.82	5.45	2.27	4.55	.00	100.00
(2)	.46	.72	.35	.21	.12	.12	.14	.19	.26	.53	.88	.42	.09	.28	.12	.23	.00	5.10

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-55— {SSES 197' (60-m) 2001-2006 September JFD - continued}

(Page 1 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 29.10**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.00	.08
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	3	6	25	15	10	17	7	9	15	5	2	1	1	1	1	2	0	120
(1)	.24	.48	1.99	1.20	.80	1.36	.56	.72	1.20	.40	.16	.08	.08	.08	.08	.16	.00	9.57
(2)	.07	.14	.58	.35	.23	.39	.16	.21	.35	.12	.05	.02	.02	.02	.02	.05	.00	2.78
1.1- 1.5	3	25	32	8	11	6	5	5	11	14	15	2	2	2	0	3	0	144
(1)	.24	1.99	2.55	.64	.88	.48	.40	.40	.88	1.12	1.20	.16	.16	.16	.00	.24	.00	11.48
(2)	.07	.58	.74	.19	.26	.14	.12	.12	.26	.32	.35	.05	.05	.05	.00	.07	.00	3.34
1.6- 2.0	10	22	20	3	6	5	2	3	7	13	20	6	1	1	1	2	0	122
(1)	.80	1.75	1.59	.24	.48	.40	.16	.24	.56	1.04	1.59	.48	.08	.08	.08	.16	.00	9.73
(2)	.23	.51	.46	.07	.14	.12	.05	.07	.16	.30	.46	.14	.02	.02	.02	.05	.00	2.83
2.1- 3.0	15	25	25	9	12	5	9	7	7	20	29	15	8	3	2	10	0	201
(1)	1.20	1.99	1.99	.72	.96	.40	.72	.56	.56	1.59	2.31	1.20	.64	.24	.16	.80	.00	16.03
(2)	.35	.58	.58	.21	.28	.12	.21	.16	.16	.46	.67	.35	.19	.07	.05	.23	.00	4.66
3.1- 4.0	18	48	15	3	6	16	12	10	18	15	28	16	6	9	9	16	0	245
(1)	1.44	3.83	1.20	.24	.48	1.28	.96	.80	1.44	1.20	2.23	1.28	.48	.72	.72	1.28	.00	19.54
(2)	.42	1.11	.35	.07	.14	.37	.28	.23	.42	.35	.65	.37	.14	.21	.21	.37	.00	5.68
4.1- 5.0	24	30	11	7	2	6	8	8	16	13	22	24	11	4	16	15	0	217
(1)	1.91	2.39	.88	.56	.16	.48	.64	.64	1.28	1.04	1.75	1.91	.88	.32	1.28	1.20	.00	17.30
(2)	.56	.70	.26	.16	.05	.14	.19	.19	.37	.30	.51	.56	.26	.09	.37	.35	.00	5.03
5.1- 6.0	8	22	2	4	1	1	2	2	9	20	11	21	3	3	2	5	0	116
(1)	.64	1.75	.16	.32	.08	.08	.16	.16	.72	1.59	.88	1.67	.24	.24	.16	.40	.00	9.25
(2)	.19	.51	.05	.09	.02	.02	.05	.05	.21	.46	.26	.49	.07	.07	.05	.12	.00	2.69
6.1- 8.0	3	6	1	2	0	0	1	4	1	13	5	19	4	2	6	2	0	69

Table 2.3-55— {SSES 197' (60-m) 2001-2006 September JFD - continued}
(Page 2 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 29.10**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.24	.48	.08	.16	.00	.00	.08	.32	.08	1.04	.40	1.52	.32	.16	.48	.16	.00	5.50
(2)	.07	.14	.02	.05	.00	.00	.02	.09	.02	.30	.12	.44	.09	.05	.14	.05	.00	1.60
8.1-10.0	0	0	1	0	0	0	0	0	4	3	0	2	1	0	2	0	0	13
(1)	.00	.00	.08	.00	.00	.00	.00	.00	.32	.24	.00	.16	.08	.00	.16	.00	.00	1.04
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.09	.07	.00	.05	.02	.00	.05	.00	.00	.30
10.1-40.3	0	0	0	3	0	0	1	0	2	0	0	0	0	0	0	0	0	6
(1)	.00	.00	.00	.24	.00	.00	.08	.00	.16	.00	.00	.00	.00	.00	.00	.00	.00	.48
(2)	.00	.00	.00	.07	.00	.00	.02	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.14
ALL SPEEDS	84	184	132	54	48	56	47	48	90	116	133	106	37	25	39	55	0	1254
(1)	6.70	14.67	10.53	4.31	3.83	4.47	3.75	3.83	7.18	9.25	10.61	8.45	2.95	1.99	3.11	4.39	.00	100.00
(2)	1.95	4.27	3.06	1.25	1.11	1.30	1.09	1.11	2.09	2.69	3.09	2.46	.86	.58	.90	1.28	.00	29.10

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-55— {SSES 197' (60-m) 2001-2006 September JFD - continued}

(Page 1 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 31.48**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	3	0	1	0	1	1	0	0	0	0	0	0	0	0	7
(1)	.00	.00	.07	.22	.00	.07	.00	.07	.07	.00	.00	.00	.00	.00	.00	.00	.00	.52
(2)	.00	.00	.02	.07	.00	.02	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.16
.5- 1.0	7	20	32	29	22	15	16	11	9	4	8	4	2	0	0	2	0	181
(1)	.52	1.47	2.36	2.14	1.62	1.11	1.18	.81	.66	.29	.59	.29	.15	.00	.00	.15	.00	13.34
(2)	.16	.46	.74	.67	.51	.35	.37	.26	.21	.09	.19	.09	.05	.00	.00	.05	.00	4.20
1.1- 1.5	13	30	39	8	10	8	7	9	11	11	3	3	1	0	0	2	0	155
(1)	.96	2.21	2.87	.59	.74	.59	.52	.66	.81	.81	.22	.22	.07	.00	.00	.15	.00	11.42
(2)	.30	.70	.90	.19	.23	.19	.16	.21	.26	.26	.07	.07	.02	.00	.00	.05	.00	3.60
1.6- 2.0	18	64	28	13	3	3	6	2	10	12	15	13	2	0	1	0	0	190
(1)	1.33	4.72	2.06	.96	.22	.22	.44	.15	.74	.88	1.11	.96	.15	.00	.07	.00	.00	14.00
(2)	.42	1.48	.65	.30	.07	.07	.14	.05	.23	.28	.35	.30	.05	.00	.02	.00	.00	4.41
2.1- 3.0	18	101	31	8	12	5	7	15	20	12	17	12	5	5	3	3	0	274
(1)	1.33	7.44	2.28	.59	.88	.37	.52	1.11	1.47	.88	1.25	.88	.37	.37	.22	.22	.00	20.19
(2)	.42	2.34	.72	.19	.28	.12	.16	.35	.46	.28	.39	.28	.12	.12	.07	.07	.00	6.36
3.1- 4.0	15	44	26	7	5	6	7	12	25	32	20	16	6	5	3	4	0	233
(1)	1.11	3.24	1.92	.52	.37	.44	.52	.88	1.84	2.36	1.47	1.18	.44	.37	.22	.29	.00	17.17
(2)	.35	1.02	.60	.16	.12	.14	.16	.28	.58	.74	.46	.37	.14	.12	.07	.09	.00	5.41
4.1- 5.0	9	25	13	5	3	4	3	12	16	20	12	12	6	2	6	6	0	154
(1)	.66	1.84	.96	.37	.22	.29	.22	.88	1.18	1.47	.88	.88	.44	.15	.44	.44	.00	11.35
(2)	.21	.58	.30	.12	.07	.09	.07	.28	.37	.46	.28	.28	.14	.05	.14	.14	.00	3.57
5.1- 6.0	2	8	7	3	0	1	4	7	8	13	5	11	0	0	0	1	0	70
(1)	.15	.59	.52	.22	.00	.07	.29	.52	.59	.96	.37	.81	.00	.00	.00	.07	.00	5.16
(2)	.05	.19	.16	.07	.00	.02	.09	.16	.19	.30	.12	.26	.00	.00	.00	.02	.00	1.62
6.1- 8.0	0	12	4	2	4	1	1	7	8	6	0	3	0	0	0	1	0	49

Table 2.3-55— {SSES 197' (60-m) 2001-2006 September JFD - continued}
(Page 2 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 31.48**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.88	.29	.15	.29	.07	.07	.52	.59	.44	.00	.22	.00	.00	.00	.07	.00	3.61
(2)	.00	.28	.09	.05	.09	.02	.02	.16	.19	.14	.00	.07	.00	.00	.00	.02	.00	1.14
8.1-10.0	0	1	9	2	0	1	2	1	6	2	0	0	0	0	0	0	0	24
(1)	.00	.07	.66	.15	.00	.07	.15	.07	.44	.15	.00	.00	.00	.00	.00	.00	.00	1.77
(2)	.00	.02	.21	.05	.00	.02	.05	.02	.14	.05	.00	.00	.00	.00	.00	.00	.00	.56
10.1-40.3	0	5	3	3	1	1	4	1	1	1	0	0	0	0	0	0	0	20
(1)	.00	.37	.22	.22	.07	.07	.29	.07	.07	.07	.00	.00	.00	.00	.00	.00	.00	1.47
(2)	.00	.12	.07	.07	.02	.02	.09	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.46
ALL SPEEDS	82	310	193	83	60	46	57	78	115	113	80	74	22	12	13	19	0	1357
(1)	6.04	22.84	14.22	6.12	4.42	3.39	4.20	5.75	8.47	8.33	5.90	5.45	1.62	.88	.96	1.40	.00	100.00
(2)	1.90	7.19	4.48	1.93	1.39	1.07	1.32	1.81	2.67	2.62	1.86	1.72	.51	.28	.30	.44	.00	31.48

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-55— {SSES 197' (60-m) 2001-2006 September JFD - continued}

(Page 1 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 16.22**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.14	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.29
(2)	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
.5- 1.0	2	10	23	15	4	11	6	2	2	1	0	0	1	0	1	1	0	79
(1)	.29	1.43	3.29	2.15	.57	1.57	.86	.29	.29	.14	.00	.00	.14	.00	.14	.14	.00	11.30
(2)	.05	.23	.53	.35	.09	.26	.14	.05	.05	.02	.00	.00	.02	.00	.02	.02	.00	1.83
1.1- 1.5	2	39	43	6	3	5	10	3	8	5	3	1	0	0	0	3	0	131
(1)	.29	5.58	6.15	.86	.43	.72	1.43	.43	1.14	.72	.43	.14	.00	.00	.00	.43	.00	18.74
(2)	.05	.90	1.00	.14	.07	.12	.23	.07	.19	.12	.07	.02	.00	.00	.00	.07	.00	3.04
1.6- 2.0	22	109	17	2	3	2	1	2	7	6	2	2	3	0	1	0	0	179
(1)	3.15	15.59	2.43	.29	.43	.29	.14	.29	1.00	.86	.29	.29	.43	.00	.14	.00	.00	25.61
(2)	.51	2.53	.39	.05	.07	.05	.02	.05	.16	.14	.05	.05	.07	.00	.02	.00	.00	4.15
2.1- 3.0	34	141	11	4	0	1	0	2	6	11	7	1	1	2	1	1	0	223
(1)	4.86	20.17	1.57	.57	.00	.14	.00	.29	.86	1.57	1.00	.14	.14	.29	.14	.14	.00	31.90
(2)	.79	3.27	.26	.09	.00	.02	.00	.05	.14	.26	.16	.02	.02	.05	.02	.02	.00	5.17
3.1- 4.0	9	23	5	0	0	0	0	2	10	10	6	3	0	0	1	1	0	70
(1)	1.29	3.29	.72	.00	.00	.00	.00	.29	1.43	1.43	.86	.43	.00	.00	.14	.14	.00	10.01
(2)	.21	.53	.12	.00	.00	.00	.00	.05	.23	.23	.14	.07	.00	.00	.02	.02	.00	1.62
4.1- 5.0	0	2	0	0	0	0	0	1	1	4	0	4	0	0	0	0	0	12
(1)	.00	.29	.00	.00	.00	.00	.00	.14	.14	.57	.00	.57	.00	.00	.00	.00	.00	1.72
(2)	.00	.05	.00	.00	.00	.00	.00	.02	.02	.09	.00	.09	.00	.00	.00	.00	.00	.28
5.1- 6.0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
(1)	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.00	.00	.00	.00	.00	.29
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.05
6.1- 8.0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1

Table 2.3-55— {SSES 197' (60-m) 2001-2006 September JFD - continued}
(Page 2 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 16.22**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	70	324	99	27	11	20	17	13	34	37	18	12	5	2	4	6	0	699
(1)	10.01	46.35	14.16	3.86	1.57	2.86	2.43	1.86	4.86	5.29	2.58	1.72	.72	.29	.57	.86	.00	100.00
(2)	1.62	7.52	2.30	.63	.26	.46	.39	.30	.79	.86	.42	.28	.12	.05	.09	.14	.00	16.22

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-55— {SSES 197' (60-m) 2001-2006 September JFD - continued}

(Page 1 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.33**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	2	9	8	5	2	1	1	2	4	0	0	0	0	0	0	0	34
(1)	.00	.63	2.85	2.53	1.58	.63	.32	.32	.63	1.27	.00	.00	.00	.00	.00	.00	.00	10.76
(2)	.00	.05	.21	.19	.12	.05	.02	.02	.05	.09	.00	.00	.00	.00	.00	.00	.00	.79
1.1- 1.5	2	23	10	9	8	8	6	5	4	1	0	0	0	2	0	0	0	78
(1)	.63	7.28	3.16	2.85	2.53	2.53	1.90	1.58	1.27	.32	.00	.00	.00	.63	.00	.00	.00	24.68
(2)	.05	.53	.23	.21	.19	.19	.14	.12	.09	.02	.00	.00	.00	.05	.00	.00	.00	1.81
1.6- 2.0	8	47	18	7	1	2	2	3	3	2	2	1	0	0	2	0	0	98
(1)	2.53	14.87	5.70	2.22	.32	.63	.63	.95	.95	.63	.63	.32	.00	.00	.63	.00	.00	31.01
(2)	.19	1.09	.42	.16	.02	.05	.05	.07	.07	.05	.05	.02	.00	.00	.05	.00	.00	2.27
2.1- 3.0	15	44	8	1	0	2	2	1	8	8	0	0	0	0	1	1	0	91
(1)	4.75	13.92	2.53	.32	.00	.63	.63	.32	2.53	2.53	.00	.00	.00	.00	.32	.32	.00	28.80
(2)	.35	1.02	.19	.02	.00	.05	.05	.02	.19	.19	.00	.00	.00	.00	.02	.02	.00	2.11
3.1- 4.0	3	5	0	0	0	0	0	0	0	2	2	0	0	0	1	0	0	13
(1)	.95	1.58	.00	.00	.00	.00	.00	.00	.00	.63	.63	.00	.00	.00	.32	.00	.00	4.11
(2)	.07	.12	.00	.00	.00	.00	.00	.00	.00	.05	.05	.00	.00	.00	.02	.00	.00	.30
4.1- 5.0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.32	.00	.32	.00	.00	.00	.00	.00	.63
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.00	.05
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-55— {SSES 197' (60-m) 2001-2006 September JFD - continued}
(Page 2 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 7.33**

	WIND DIRECTION FROM																	
SPEED m/s	**N**	**NNE**	**NE**	**ENE**	**E**	**ESE**	**SE**	**SSE**	**S**	**SSW**	**SW**	**WSW**	**W**	**WNW**	**NW**	**NNW**	**VRBL**	**TOTAL**
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	28	121	45	25	14	14	11	10	17	18	4	2	0	2	4	1	0	316
(1)	8.86	38.29	14.24	7.91	4.43	4.43	3.48	3.16	5.38	5.70	1.27	.63	.00	.63	1.27	.32	.00	100.00
(2)	.65	2.81	1.04	.58	.32	.32	.26	.23	.39	.42	.09	.05	.00	.05	.09	.02	.00	7.33

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-55— {SSES 197' (60-m) 2001-2006 September JFD - continued}

(Page 1 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	3	1	2	0	1	1	0	1	0	0	0	0	0	0	10
(1)	.00	.00	.02	.07	.02	.05	.00	.02	.02	.00	.02	.00	.00	.00	.00	.00	.00	.23
(2)	.00	.00	.02	.07	.02	.05	.00	.02	.02	.00	.02	.00	.00	.00	.00	.00	.00	.23
.5- 1.0	12	38	92	70	43	48	32	24	31	16	11	5	4	1	2	5	0	434
(1)	.28	.88	2.13	1.62	1.00	1.11	.74	.56	.72	.37	.26	.12	.09	.02	.05	.12	.00	10.07
(2)	.28	.88	2.13	1.62	1.00	1.11	.74	.56	.72	.37	.26	.12	.09	.02	.05	.12	.00	10.07
1.1- 1.5	24	122	133	43	36	32	32	26	39	41	25	6	3	4	0	8	0	574
(1)	.56	2.83	3.09	1.00	.84	.74	.74	.60	.90	.95	.58	.14	.07	.09	.00	.19	.00	13.32
(2)	.56	2.83	3.09	1.00	.84	.74	.74	.60	.90	.95	.58	.14	.07	.09	.00	.19	.00	13.32
1.6- 2.0	59	251	94	36	16	17	15	16	37	47	49	23	6	2	5	2	0	675
(1)	1.37	5.82	2.18	.84	.37	.39	.35	.37	.86	1.09	1.14	.53	.14	.05	.12	.05	.00	15.66
(2)	1.37	5.82	2.18	.84	.37	.39	.35	.37	.86	1.09	1.14	.53	.14	.05	.12	.05	.00	15.66
2.1- 3.0	86	333	91	25	25	16	21	29	48	63	87	37	15	10	10	19	0	915
(1)	2.00	7.73	2.11	.58	.58	.37	.49	.67	1.11	1.46	2.02	.86	.35	.23	.23	.44	.00	21.23
(2)	2.00	7.73	2.11	.58	.58	.37	.49	.67	1.11	1.46	2.02	.86	.35	.23	.23	.44	.00	21.23
3.1- 4.0	49	131	54	10	11	23	23	29	59	68	101	45	17	20	23	27	0	690
(1)	1.14	3.04	1.25	.23	.26	.53	.53	.67	1.37	1.58	2.34	1.04	.39	.46	.53	.63	.00	16.01
(2)	1.14	3.04	1.25	.23	.26	.53	.53	.67	1.37	1.58	2.34	1.04	.39	.46	.53	.63	.00	16.01
4.1- 5.0	50	76	27	12	5	10	14	29	46	53	59	48	23	18	25	29	0	524
(1)	1.16	1.76	.63	.28	.12	.23	.32	.67	1.07	1.23	1.37	1.11	.53	.42	.58	.67	.00	12.16
(2)	1.16	1.76	.63	.28	.12	.23	.32	.67	1.07	1.23	1.37	1.11	.53	.42	.58	.67	.00	12.16
5.1- 6.0	19	39	13	8	1	2	7	16	24	39	31	47	6	5	2	9	0	268
(1)	.44	.90	.30	.19	.02	.05	.16	.37	.56	.90	.72	1.09	.14	.12	.05	.21	.00	6.22
(2)	.44	.90	.30	.19	.02	.05	.16	.37	.56	.90	.72	1.09	.14	.12	.05	.21	.00	6.22
6.1- 8.0	4	19	5	4	4	1	2	15	14	28	10	30	5	2	6	3	0	152

Table 2.3-55— {SSES 197' (60-m) 2001-2006 September JFD - continued}

(Page 2 of 2)

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.09	.44	.12	.09	.09	.02	.05	.35	.32	.65	.23	.70	.12	.05	.14	.07	.00	3.53
(2)	.09	.44	.12	.09	.09	.02	.05	.35	.32	.65	.23	.70	.12	.05	.14	.07	.00	3.53
8.1-10.0	0	1	10	2	0	1	2	1	10	6	0	2	1	0	3	2	0	41
(1)	.00	.02	.23	.05	.00	.02	.05	.02	.23	.14	.00	.05	.02	.00	.07	.05	.00	.95
(2)	.00	.02	.23	.05	.00	.02	.05	.02	.23	.14	.00	.05	.02	.00	.07	.05	.00	.95
10.1-40.3	0	5	3	6	1	1	5	1	3	1	0	0	0	0	0	1	0	27
(1)	.00	.12	.07	.14	.02	.02	.12	.02	.07	.02	.00	.00	.00	.00	.00	.02	.00	.63
(2)	.00	.12	.07	.14	.02	.02	.12	.02	.07	.02	.00	.00	.00	.00	.00	.02	.00	.63
ALL SPEEDS	303	1015	523	219	143	153	153	187	312	362	374	243	80	62	76	105	0	4310
(1)	7.03	23.55	12.13	5.08	3.32	3.55	3.55	4.34	7.24	8.40	8.68	5.64	1.86	1.44	1.76	2.44	.00	100.00
(2)	7.03	23.55	12.13	5.08	3.32	3.55	3.55	4.34	7.24	8.40	8.68	5.64	1.86	1.44	1.76	2.44	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-56— {SSES 197' (60-m) 2001-2006 October JFD}

(Page 1 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA | **STABILITY CLASS A** | **CLASS FREQUENCY (PERCENT) = 2.54**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	1	2	1	1	0	1	2	0	0	0	0	1	0	0	9
(1)	.00	.00	.00	.90	1.80	.90	.90	.00	.90	1.80	.00	.00	.00	.00	.90	.00	.00	8.11
(2)	.00	.00	.00	.02	.05	.02	.02	.00	.02	.05	.00	.00	.00	.00	.02	.00	.00	.21
1.1- 1.5	0	0	0	0	2	0	0	0	1	0	2	0	0	0	0	0	0	5
(1)	.00	.00	.00	.00	1.80	.00	.00	.00	.90	.00	1.80	.00	.00	.00	.00	.00	.00	4.50
(2)	.00	.00	.00	.00	.05	.00	.00	.00	.02	.00	.05	.00	.00	.00	.00	.00	.00	.11
1.6- 2.0	0	1	1	0	0	0	1	3	0	2	4	3	0	0	0	0	0	15
(1)	.00	.90	.90	.00	.00	.00	.90	2.70	.00	1.80	3.60	2.70	.00	.00	.00	.00	.00	13.51
(2)	.00	.02	.02	.00	.00	.00	.02	.07	.00	.05	.09	.07	.00	.00	.00	.00	.00	.34
2.1- 3.0	0	0	1	0	0	0	1	4	1	0	8	1	0	0	0	0	0	16
(1)	.00	.00	.90	.00	.00	.00	.90	3.60	.90	.00	7.21	.90	.00	.00	.00	.00	.00	14.41
(2)	.00	.00	.02	.00	.00	.00	.02	.09	.02	.00	.18	.02	.00	.00	.00	.00	.00	.37
3.1- 4.0	0	0	3	0	0	0	0	0	1	5	8	2	0	0	0	0	0	19
(1)	.00	.00	2.70	.00	.00	.00	.00	.00	.90	4.50	7.21	1.80	.00	.00	.00	.00	.00	17.12
(2)	.00	.00	.07	.00	.00	.00	.00	.00	.02	.11	.18	.05	.00	.00	.00	.00	.00	.44
4.1- 5.0	0	3	1	0	0	0	0	1	1	5	8	4	0	0	0	0	0	23
(1)	.00	2.70	.90	.00	.00	.00	.00	.90	.90	4.50	7.21	3.60	.00	.00	.00	.00	.00	20.72
(2)	.00	.07	.02	.00	.00	.00	.00	.02	.02	.11	.18	.09	.00	.00	.00	.00	.00	.53
5.1- 6.0	0	2	0	0	0	0	0	0	0	1	7	2	0	0	0	0	0	12
(1)	.00	1.80	.00	.00	.00	.00	.00	.00	.00	.90	6.31	1.80	.00	.00	.00	.00	.00	10.81
(2)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.02	.16	.05	.00	.00	.00	.00	.00	.28
6.1- 8.0	0	0	0	0	0	0	0	1	1	1	6	2	0	0	0	0	0	11

Table 2.3-56— {SSES 197' (60-m) 2001-2006 October JFD}

(Page 2 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = 2.54**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.90	.90	.90	5.41	1.80	.00	.00	.00	.00	.00	9.91
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.14	.05	.00	.00	.00	.00	.00	.25
8.1-10.0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.90	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.90
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	6	6	1	4	1	4	9	6	16	43	14	0	0	1	0	0	111
(1)	.00	5.41	5.41	.90	3.60	.90	3.60	8.11	5.41	14.41	38.74	12.61	.00	.00	.90	.00	.00	100.00
(2)	.00	.14	.14	.02	.09	.02	.09	.21	.14	.37	.99	.32	.00	.00	.02	.00	.00	2.54

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-56— {SSES 197' (60-m) 2001-2006 October JFD - continued}
(Page 1 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 2.41**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	1	0	0	1	0	1	1	0	0	1	0	0	0	0	0	5
(1)	.00	.00	.95	.00	.00	.95	.00	.95	.95	.00	.00	.95	.00	.00	.00	.00	.00	4.76
(2)	.00	.00	.02	.00	.00	.02	.00	.02	.02	.00	.00	.02	.00	.00	.00	.00	.00	.11
1.1- 1.5	2	0	0	1	0	1	1	0	0	2	0	0	0	0	0	0	0	7
(1)	1.90	.00	.00	.95	.00	.95	.95	.00	.00	1.90	.00	.00	.00	.00	.00	.00	.00	6.67
(2)	.05	.00	.00	.02	.00	.02	.02	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.16
1.6- 2.0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.95	.95	.95	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.86
(2)	.00	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
2.1- 3.0	1	1	1	1	0	0	1	0	0	3	4	0	0	0	0	0	0	12
(1)	.95	.95	.95	.95	.00	.00	.95	.00	.00	2.86	3.81	.00	.00	.00	.00	.00	.00	11.43
(2)	.02	.02	.02	.02	.00	.00	.02	.00	.00	.07	.09	.00	.00	.00	.00	.00	.00	.28
3.1- 4.0	0	2	1	0	0	0	0	2	0	2	6	2	0	0	0	0	0	15
(1)	.00	1.90	.95	.00	.00	.00	.00	1.90	.00	1.90	5.71	1.90	.00	.00	.00	.00	.00	14.29
(2)	.00	.05	.02	.00	.00	.00	.00	.05	.00	.05	.14	.05	.00	.00	.00	.00	.00	.34
4.1- 5.0	0	1	2	0	0	0	1	0	0	2	8	7	1	0	0	1	0	23
(1)	.00	.95	1.90	.00	.00	.00	.95	.00	.00	1.90	7.62	6.67	.95	.00	.00	.95	.00	21.90
(2)	.00	.02	.05	.00	.00	.00	.02	.00	.00	.05	.18	.16	.02	.00	.00	.02	.00	.53
5.1- 6.0	0	2	0	0	0	0	0	1	1	0	7	1	3	0	0	0	0	15
(1)	.00	1.90	.00	.00	.00	.00	.00	.95	.95	.00	6.67	.95	2.86	.00	.00	.00	.00	14.29
(2)	.00	.05	.00	.00	.00	.00	.00	.02	.02	.00	.16	.02	.07	.00	.00	.00	.00	.34
6.1- 8.0	0	0	0	0	0	0	1	1	0	1	3	9	2	0	0	0	0	17

Table 2.3-56— {SSES 197' (60-m) 2001-2006 October JFD - continued}

(Page 2 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 2.41**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.95	.95	.00	.95	2.86	8.57	1.90	.00	.00	.00	.00	16.19
(2)	.00	.00	.00	.00	.00	.00	.02	.02	.00	.02	.07	.21	.05	.00	.00	.00	.00	.39
8.1-10.0	0	0	0	0	0	0	0	0	0	1	3	3	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.95	2.86	2.86	.00	.00	.00	.00	.00	6.67
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.07	.07	.00	.00	.00	.00	.00	.16
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.95	.00	.00	.00	.00	.00	.95
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
ALL SPEEDS	3	7	6	3	0	2	4	5	2	11	31	24	6	0	0	1	0	105
(1)	2.86	6.67	5.71	2.86	.00	1.90	3.81	4.76	1.90	10.48	29.52	22.86	5.71	.00	.00	.95	.00	100.00
(2)	.07	.16	.14	.07	.00	.05	.09	.11	.05	.25	.71	.55	.14	.00	.00	.02	.00	2.41

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-56— {SSES 197' (60-m) 2001-2006 October JFD - continued}

(Page 1 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 3.71**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.62	.00	.00	.00	.00	.62	.00	.00	.00	.00	.00	.00	.00	.00	1.23
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.05
1.1- 1.5	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
(1)	.62	.00	.00	.00	.00	.00	.00	.00	.62	.00	.00	.00	.00	.00	.00	.00	.00	1.23
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.05
1.6- 2.0	1	3	0	0	0	0	0	0	0	2	3	2	0	0	0	0	0	11
(1)	.62	1.85	.00	.00	.00	.00	.00	.00	.00	1.23	1.85	1.23	.00	.00	.00	.00	.00	6.79
(2)	.02	.07	.00	.00	.00	.00	.00	.00	.00	.05	.07	.05	.00	.00	.00	.00	.00	.25
2.1- 3.0	0	0	3	2	0	1	1	2	0	3	7	3	1	0	0	0	0	23
(1)	.00	.00	1.85	1.23	.00	.62	.62	1.23	.00	1.85	4.32	1.85	.62	.00	.00	.00	.00	14.20
(2)	.00	.00	.07	.05	.00	.02	.02	.05	.00	.07	.16	.07	.02	.00	.00	.00	.00	.53
3.1- 4.0	2	2	3	0	0	0	1	1	1	0	13	3	2	0	0	0	0	28
(1)	1.23	1.23	1.85	.00	.00	.00	.62	.62	.62	.00	8.02	1.85	1.23	.00	.00	.00	.00	17.28
(2)	.05	.05	.07	.00	.00	.00	.02	.02	.02	.00	.30	.07	.05	.00	.00	.00	.00	.64
4.1- 5.0	2	5	0	0	0	0	0	1	1	2	11	6	1	2	0	3	0	34
(1)	1.23	3.09	.00	.00	.00	.00	.00	.62	.62	1.23	6.79	3.70	.62	1.23	.00	1.85	.00	20.99
(2)	.05	.11	.00	.00	.00	.00	.00	.02	.02	.05	.25	.14	.02	.05	.00	.07	.00	.78
5.1- 6.0	3	5	0	0	0	0	2	0	3	3	4	6	7	0	0	0	0	33
(1)	1.85	3.09	.00	.00	.00	.00	1.23	.00	1.85	1.85	2.47	3.70	4.32	.00	.00	.00	.00	20.37
(2)	.07	.11	.00	.00	.00	.00	.05	.00	.07	.07	.09	.14	.16	.00	.00	.00	.00	.76
6.1- 8.0	0	2	0	0	0	0	1	0	3	3	2	5	4	0	0	0	0	20

Table 2.3-56— {SSES 197' (60-m) 2001-2006 October JFD - continued}

(Page 2 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 3.71**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	1.23	.00	.00	.00	.00	.62	.00	1.85	1.85	1.23	3.09	2.47	.00	.00	.00	.00	12.35
(2)	.00	.05	.00	.00	.00	.00	.02	.00	.07	.07	.05	.11	.09	.00	.00	.00	.00	.46
8.1-10.0	0	0	0	0	0	0	0	0	0	1	1	3	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.62	.62	1.85	.00	.00	.00	.00	.00	3.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.07	.00	.00	.00	.00	.00	.11
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.47	.00	.00	.00	.00	.00	2.47
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.09
ALL SPEEDS	9	17	6	3	0	1	5	4	10	14	41	32	15	2	0	3	0	162
(1)	5.56	10.49	3.70	1.85	.00	.62	3.09	2.47	6.17	8.64	25.31	19.75	9.26	1.23	.00	1.85	.00	100.00
(2)	.21	.39	.14	.07	.00	.02	.11	.09	.23	.32	.94	.73	.34	.05	.00	.07	.00	3.71

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-56— {SSES 197' (60-m) 2001-2006 October JFD - continued}

(Page 1 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 37.61

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	3
(1)	.00	.00	.06	.00	.00	.06	.00	.00	.00	.00	.00	.00	.00	.00	.06	.00	.00	.18
(2)	.00	.00	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.07
.5- 1.0	3	6	20	24	11	8	7	10	6	12	3	3	0	0	0	1	0	114
(1)	.18	.37	1.22	1.46	.67	.49	.43	.61	.37	.73	.18	.18	.00	.00	.00	.06	.00	6.95
(2)	.07	.14	.46	.55	.25	.18	.16	.23	.14	.28	.07	.07	.00	.00	.00	.02	.00	2.61
1.1- 1.5	7	16	16	12	6	3	4	8	15	11	12	5	0	0	2	3	0	120
(1)	.43	.98	.98	.73	.37	.18	.24	.49	.91	.67	.73	.30	.00	.00	.12	.18	.00	7.31
(2)	.16	.37	.37	.28	.14	.07	.09	.18	.34	.25	.28	.11	.00	.00	.05	.07	.00	2.75
1.6- 2.0	3	10	15	3	5	3	8	5	13	12	10	6	2	0	0	1	0	96
(1)	.18	.61	.91	.18	.30	.18	.49	.30	.79	.73	.61	.37	.12	.00	.00	.06	.00	5.85
(2)	.07	.23	.34	.07	.11	.07	.18	.11	.30	.28	.23	.14	.05	.00	.00	.02	.00	2.20
2.1- 3.0	11	44	22	9	14	9	13	7	4	9	40	23	7	7	3	9	0	231
(1)	.67	2.68	1.34	.55	.85	.55	.79	.43	.24	.55	2.44	1.40	.43	.43	.18	.55	.00	14.08
(2)	.25	1.01	.50	.21	.32	.21	.30	.16	.09	.21	.92	.53	.16	.16	.07	.21	.00	5.29
3.1- 4.0	34	46	38	4	7	4	10	8	5	12	22	24	15	20	13	20	0	282
(1)	2.07	2.80	2.32	.24	.43	.24	.61	.49	.30	.73	1.34	1.46	.91	1.22	.79	1.22	.00	17.18
(2)	.78	1.05	.87	.09	.16	.09	.23	.18	.11	.28	.50	.55	.34	.46	.30	.46	.00	6.46
4.1- 5.0	27	36	14	4	1	4	16	12	13	12	20	46	26	18	33	23	0	305
(1)	1.65	2.19	.85	.24	.06	.24	.98	.73	.79	.73	1.22	2.80	1.58	1.10	2.01	1.40	.00	18.59
(2)	.62	.83	.32	.09	.02	.09	.37	.28	.30	.28	.46	1.05	.60	.41	.76	.53	.00	6.99
5.1- 6.0	17	26	7	1	0	2	4	8	7	11	8	36	30	25	36	15	0	233
(1)	1.04	1.58	.43	.06	.00	.12	.24	.49	.43	.67	.49	2.19	1.83	1.52	2.19	.91	.00	14.20
(2)	.39	.60	.16	.02	.00	.05	.09	.18	.16	.25	.18	.83	.69	.57	.83	.34	.00	5.34
6.1- 8.0	3	9	2	0	0	1	4	3	4	11	11	32	29	25	16	3	0	153

Table 2.3-56— {SSES 197' (60-m) 2001-2006 October JFD - continued}

(Page 2 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 37.61**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.18	.55	.12	.00	.00	.06	.24	.18	.24	.67	.67	1.95	1.77	1.52	.98	.18	.00	9.32
(2)	.07	.21	.05	.00	.00	.02	.09	.07	.09	.25	.25	.73	.66	.57	.37	.07	.00	3.51
8.1-10.0	0	0	0	0	0	0	3	0	1	5	1	41	5	0	0	0	0	56
(1)	.00	.00	.00	.00	.00	.00	.18	.00	.06	.30	.06	2.50	.30	.00	.00	.00	.00	3.41
(2)	.00	.00	.00	.00	.00	.00	.07	.00	.02	.11	.02	.94	.11	.00	.00	.00	.00	1.28
10.1-40.3	0	0	0	0	0	0	1	0	0	0	0	40	7	0	0	0	0	48
(1)	.00	.00	.00	.00	.00	.00	.06	.00	.00	.00	.00	2.44	.43	.00	.00	.00	.00	2.93
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.92	.16	.00	.00	.00	.00	1.10
ALL SPEEDS	105	193	135	57	44	35	70	61	68	95	127	256	121	95	104	75	0	1641
(1)	6.40	11.76	8.23	3.47	2.68	2.13	4.27	3.72	4.14	5.79	7.74	15.60	7.37	5.79	6.34	4.57	.00	100.00
(2)	2.41	4.42	3.09	1.31	1.01	.80	1.60	1.40	1.56	2.18	2.91	5.87	2.77	2.18	2.38	1.72	.00	37.61

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-56— {SSES 197' (60-m) 2001-2006 October JFD - continued}

(Page 1 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 32.50

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.07	.00	.00	.00	.07	.00	.07	.00	.00	.00	.00	.00	.00	.21
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	5	15	18	21	22	23	17	14	14	13	4	2	2	0	0	0	0	170
(1)	.35	1.06	1.27	1.48	1.55	1.62	1.20	.99	.99	.92	.28	.14	.14	.00	.00	.00	.00	11.99
(2)	.11	.34	.41	.48	.50	.53	.39	.32	.32	.30	.09	.05	.05	.00	.00	.00	.00	3.90
1.1- 1.5	16	26	28	11	9	4	6	24	17	15	12	3	1	0	1	6	0	179
(1)	1.13	1.83	1.97	.78	.63	.28	.42	1.69	1.20	1.06	.85	.21	.07	.00	.07	.42	.00	12.62
(2)	.37	.60	.64	.25	.21	.09	.14	.55	.39	.34	.28	.07	.02	.00	.02	.14	.00	4.10
1.6- 2.0	12	39	27	9	7	4	3	11	11	8	19	10	4	1	0	0	0	165
(1)	.85	2.75	1.90	.63	.49	.28	.21	.78	.78	.56	1.34	.71	.28	.07	.00	.00	.00	11.64
(2)	.28	.89	.62	.21	.16	.09	.07	.25	.25	.18	.44	.23	.09	.02	.00	.00	.00	3.78
2.1- 3.0	33	86	34	16	4	5	0	9	13	22	29	20	8	6	4	8	0	297
(1)	2.33	6.06	2.40	1.13	.28	.35	.00	.63	.92	1.55	2.05	1.41	.56	.42	.28	.56	.00	20.94
(2)	.76	1.97	.78	.37	.09	.11	.00	.21	.30	.50	.66	.46	.18	.14	.09	.18	.00	6.81
3.1- 4.0	11	37	24	5	7	2	3	4	17	24	34	21	11	4	8	6	0	218
(1)	.78	2.61	1.69	.35	.49	.14	.21	.28	1.20	1.69	2.40	1.48	.78	.28	.56	.42	.00	15.37
(2)	.25	.85	.55	.11	.16	.05	.07	.09	.39	.55	.78	.48	.25	.09	.18	.14	.00	5.00
4.1- 5.0	3	32	30	0	3	3	10	7	14	35	18	24	7	4	8	5	0	203
(1)	.21	2.26	2.12	.00	.21	.21	.71	.49	.99	2.47	1.27	1.69	.49	.28	.56	.35	.00	14.32
(2)	.07	.73	.69	.00	.07	.07	.23	.16	.32	.80	.41	.55	.16	.09	.18	.11	.00	4.65
5.1- 6.0	1	11	6	0	0	1	5	2	8	17	11	26	1	1	4	1	0	95
(1)	.07	.78	.42	.00	.00	.07	.35	.14	.56	1.20	.78	1.83	.07	.07	.28	.07	.00	6.70
(2)	.02	.25	.14	.00	.00	.02	.11	.05	.18	.39	.25	.60	.02	.02	.09	.02	.00	2.18
6.1- 8.0	0	8	4	0	0	1	3	8	4	10	4	26	2	0	1	1	0	72

Table 2.3-56— {SSES 197' (60-m) 2001-2006 October JFD - continued}
(Page 2 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 32.50**
WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.56	.28	.00	.00	.07	.21	.56	.28	.71	.28	1.83	.14	.00	.07	.07	.00	5.08
(2)	.00	.18	.09	.00	.00	.02	.07	.18	.09	.23	.09	.60	.05	.00	.02	.02	.00	1.65
8.1-10.0	0	0	0	0	0	1	3	0	0	5	1	4	0	0	0	0	0	14
(1)	.00	.00	.00	.00	.00	.07	.21	.00	.00	.35	.07	.28	.00	.00	.00	.00	.00	.99
(2)	.00	.00	.00	.00	.00	.02	.07	.00	.00	.11	.02	.09	.00	.00	.00	.00	.00	.32
10.1-40.3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.02
ALL SPEEDS	81	254	171	63	53	44	50	79	100	149	133	136	36	16	26	27	0	1418
(1)	5.71	17.91	12.06	4.44	3.74	3.10	3.53	5.57	7.05	10.51	9.38	9.59	2.54	1.13	1.83	1.90	.00	100.00
(2)	1.86	5.82	3.92	1.44	1.21	1.01	1.15	1.81	2.29	3.42	3.05	3.12	.83	.37	.60	.62	.00	32.50

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-56— {SSES 197' (60-m) 2001-2006 October JFD - continued}

(Page 1 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 12.22**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.2- .4	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.19	.19	.19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.56
(2)	.00	.00	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	2	11	19	13	19	9	10	4	5	1	0	0	0	0	2	0	0	95
(1)	.38	2.06	3.56	2.44	3.56	1.69	1.88	.75	.94	.19	.00	.00	.00	.00	.38	.00	.00	17.82
(2)	.05	.25	.44	.30	.44	.21	.23	.09	.11	.02	.00	.00	.00	.00	.05	.00	.00	2.18
1.1- 1.5	4	32	26	7	5	4	6	3	2	6	5	2	1	0	0	1	0	104
(1)	.75	6.00	4.88	1.31	.94	.75	1.13	.56	.38	1.13	.94	.38	.19	.00	.00	.19	.00	19.51
(2)	.09	.73	.60	.16	.11	.09	.14	.07	.05	.14	.11	.05	.02	.00	.00	.02	.00	2.38
1.6- 2.0	21	52	18	2	2	0	1	4	5	7	3	2	0	0	0	2	0	119
(1)	3.94	9.76	3.38	.38	.38	.00	.19	.75	.94	1.31	.56	.38	.00	.00	.00	.38	.00	22.33
(2)	.48	1.19	.41	.05	.05	.00	.02	.09	.11	.16	.07	.05	.00	.00	.00	.05	.00	2.73
2.1- 3.0	35	77	7	4	1	0	1	0	2	7	11	0	4	2	0	2	0	153
(1)	6.57	14.45	1.31	.75	.19	.00	.19	.00	.38	1.31	2.06	.00	.75	.38	.00	.38	.00	28.71
(2)	.80	1.76	.16	.09	.02	.00	.02	.00	.05	.16	.25	.00	.09	.05	.00	.05	.00	3.51
3.1- 4.0	4	6	4	1	0	0	0	1	1	7	4	7	0	0	0	0	0	35
(1)	.75	1.13	.75	.19	.00	.00	.00	.19	.19	1.31	.75	1.31	.00	.00	.00	.00	.00	6.57
(2)	.09	.14	.09	.02	.00	.00	.00	.02	.02	.16	.09	.16	.00	.00	.00	.00	.00	.80
4.1- 5.0	1	0	0	0	0	0	0	0	2	3	5	5	0	0	0	0	0	16
(1)	.19	.00	.00	.00	.00	.00	.00	.00	.38	.56	.94	.94	.00	.00	.00	.00	.00	3.00
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.05	.07	.11	.11	.00	.00	.00	.00	.00	.37
5.1- 6.0	0	0	0	0	0	0	0	0	0	2	2	3	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.38	.38	.56	.00	.00	.00	.00	.00	1.31
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.05	.07	.00	.00	.00	.00	.00	.16
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-56— {SSES 197' (60-m) 2001-2006 October JFD - continued}

(Page 2 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 12.22**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	67	178	76	28	28	13	18	12	17	33	30	19	5	2	2	5	0	533
(1)	12.57	33.40	14.26	5.25	5.25	2.44	3.38	2.25	3.19	6.19	5.63	3.56	.94	.38	.38	.94	.00	100.00
(2)	1.54	4.08	1.74	.64	.64	.30	.41	.28	.39	.76	.69	.44	.11	.05	.05	.11	.00	12.22

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-56— {SSES 197' (60-m) 2001-2006 October JFD - continued}

(Page 1 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 9.01**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.25
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	1	3	10	6	10	5	9	5	4	1	0	0	0	0	0	0	0	54
(1)	.25	.76	2.54	1.53	2.54	1.27	2.29	1.27	1.02	.25	.00	.00	.00	.00	.00	.00	.00	13.74
(2)	.02	.07	.23	.14	.23	.11	.21	.11	.09	.02	.00	.00	.00	.00	.00	.00	.00	1.24
1.1- 1.5	4	25	30	14	12	3	1	3	4	5	2	0	0	1	0	0	0	104
(1)	1.02	6.36	7.63	3.56	3.05	.76	.25	.76	1.02	1.27	.51	.00	.00	.25	.00	.00	.00	26.46
(2)	.09	.57	.69	.32	.28	.07	.02	.07	.09	.11	.05	.00	.00	.02	.00	.00	.00	2.38
1.6- 2.0	12	66	24	2	2	0	1	3	7	2	1	0	0	0	0	0	0	120
(1)	3.05	16.79	6.11	.51	.51	.00	.25	.76	1.78	.51	.25	.00	.00	.00	.00	.00	.00	30.53
(2)	.28	1.51	.55	.05	.05	.00	.02	.07	.16	.05	.02	.00	.00	.00	.00	.00	.00	2.75
2.1- 3.0	23	26	9	4	0	2	2	1	4	10	13	1	0	0	1	0	0	96
(1)	5.85	6.62	2.29	1.02	.00	.51	.51	.25	1.02	2.54	3.31	.25	.00	.00	.25	.00	.00	24.43
(2)	.53	.60	.21	.09	.00	.05	.05	.02	.09	.23	.30	.02	.00	.00	.02	.00	.00	2.20
3.1- 4.0	3	2	0	0	0	0	0	0	0	2	4	1	0	0	0	0	0	12
(1)	.76	.51	.00	.00	.00	.00	.00	.00	.00	.51	1.02	.25	.00	.00	.00	.00	.00	3.05
(2)	.07	.05	.00	.00	.00	.00	.00	.00	.00	.05	.09	.02	.00	.00	.00	.00	.00	.28
4.1- 5.0	0	0	0	0	1	0	0	0	0	1	2	2	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.25	.00	.00	.00	.00	.25	.51	.51	.00	.00	.00	.00	.00	1.53
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.05	.05	.00	.00	.00	.00	.00	.14
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-56— {SSES 197' (60-m) 2001-2006 October JFD - continued}

(Page 2 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 9.01**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	43	123	73	26	25	10	13	12	19	21	22	4	0	1	1	0	0	393
(1)	10.94	31.30	18.58	6.62	6.36	2.54	3.31	3.05	4.83	5.34	5.60	1.02	.00	.25	.25	.00	.00	100.00
(2)	.99	2.82	1.67	.60	.57	.23	.30	.28	.44	.48	.50	.09	.00	.02	.02	.00	.00	9.01

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-56— {SSES 197' (60-m) 2001-2006 October JFD - continued}

(Page 1 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
(2)	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
.2- .4	0	1	2	1	2	1	0	0	1	0	1	0	0	0	1	0	0	10
(1)	.00	.02	.05	.02	.05	.02	.00	.00	.02	.00	.02	.00	.00	.00	.02	.00	.00	.23
(2)	.00	.02	.05	.02	.05	.02	.00	.00	.02	.00	.02	.00	.00	.00	.02	.00	.00	.23
.5- 1.0	11	35	68	66	64	47	44	34	32	29	7	6	2	0	3	1	0	449
(1)	.25	.80	1.56	1.51	1.47	1.08	1.01	.78	.73	.66	.16	.14	.05	.00	.07	.02	.00	10.29
(2)	.25	.80	1.56	1.51	1.47	1.08	1.01	.78	.73	.66	.16	.14	.05	.00	.07	.02	.00	10.29
1.1- 1.5	34	99	100	45	34	15	18	38	40	39	33	10	2	1	3	10	0	521
(1)	.78	2.27	2.29	1.03	.78	.34	.41	.87	.92	.89	.76	.23	.05	.02	.07	.23	.00	11.94
(2)	.78	2.27	2.29	1.03	.78	.34	.41	.87	.92	.89	.76	.23	.05	.02	.07	.23	.00	11.94
1.6- 2.0	49	172	86	17	16	7	14	26	36	33	40	23	6	1	0	3	0	529
(1)	1.12	3.94	1.97	.39	.37	.16	.32	.60	.83	.76	.92	.53	.14	.02	.00	.07	.00	12.12
(2)	1.12	3.94	1.97	.39	.37	.16	.32	.60	.83	.76	.92	.53	.14	.02	.00	.07	.00	12.12
2.1- 3.0	103	234	77	36	19	17	19	23	24	54	112	48	20	15	8	19	0	828
(1)	2.36	5.36	1.76	.83	.44	.39	.44	.53	.55	1.24	2.57	1.10	.46	.34	.18	.44	.00	18.98
(2)	2.36	5.36	1.76	.83	.44	.39	.44	.53	.55	1.24	2.57	1.10	.46	.34	.18	.44	.00	18.98
3.1- 4.0	54	95	73	10	14	6	14	16	25	52	91	60	28	24	21	26	0	609
(1)	1.24	2.18	1.67	.23	.32	.14	.32	.37	.57	1.19	2.09	1.38	.64	.55	.48	.60	.00	13.96
(2)	1.24	2.18	1.67	.23	.32	.14	.32	.37	.57	1.19	2.09	1.38	.64	.55	.48	.60	.00	13.96
4.1- 5.0	33	77	47	4	5	7	27	21	31	60	72	94	35	24	41	32	0	610
(1)	.76	1.76	1.08	.09	.11	.16	.62	.48	.71	1.38	1.65	2.15	.80	.55	.94	.73	.00	13.98
(2)	.76	1.76	1.08	.09	.11	.16	.62	.48	.71	1.38	1.65	2.15	.80	.55	.94	.73	.00	13.98
5.1- 6.0	21	46	13	1	0	3	11	11	19	34	39	74	41	26	40	16	0	395
(1)	.48	1.05	.30	.02	.00	.07	.25	.25	.44	.78	.89	1.70	.94	.60	.92	.37	.00	9.05
(2)	.48	1.05	.30	.02	.00	.07	.25	.25	.44	.78	.89	1.70	.94	.60	.92	.37	.00	9.05
6.1- 8.0	3	19	6	0	0	2	9	13	12	26	26	74	37	25	17	4	0	273

Table 2.3-56— {SSES 197' (60-m) 2001-2006 October JFD - continued}

(Page 2 of 2)

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.07	.44	.14	.00	.00	.05	.21	.30	.28	.60	.60	1.70	.85	.57	.39	.09	.00	6.26
(2)	.07	.44	.14	.00	.00	.05	.21	.30	.28	.60	.60	1.70	.85	.57	.39	.09	.00	6.26
8.1-10.0	0	0	0	0	0	1	7	0	1	12	6	51	5	0	0	0	0	83
(1)	.00	.00	.00	.00	.00	.02	.16	.00	.02	.28	.14	1.17	.11	.00	.00	.00	.00	1.90
(2)	.00	.00	.00	.00	.00	.02	.16	.00	.02	.28	.14	1.17	.11	.00	.00	.00	.00	1.90
10.1-40.3	0	0	0	0	0	0	1	0	1	0	0	45	7	0	0	0	0	54
(1)	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	1.03	.16	.00	.00	.00	.00	1.24
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	1.03	.16	.00	.00	.00	.00	1.24
ALL SPEEDS	308	778	473	181	154	106	164	182	222	339	427	485	183	116	134	111	0	4363
(1)	7.06	17.83	10.84	4.15	3.53	2.43	3.76	4.17	5.09	7.77	9.79	11.12	4.19	2.66	3.07	2.54	.00	100.00
(2)	7.06	17.83	10.84	4.15	3.53	2.43	3.76	4.17	5.09	7.77	9.79	11.12	4.19	2.66	3.07	2.54	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-57— {SSES 197' (60-m) 2001-2006 November JFD}

(Page 1 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = .87**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
1.1- 1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
1.6- 2.0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.56	.00	.00	.00	.00	.00	.00	.00	5.56
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.05
2.1- 3.0	0	0	0	0	0	0	0	0	1	4	2	0	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.00	.00	2.78	11.11	5.56	.00	.00	.00	.00	.00	.00	19.44
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.10	.05	.00	.00	.00	.00	.00	.00	.17
3.1- 4.0	1	0	0	0	0	0	0	0	0	3	5	0	0	0	0	1	0	10
(1)	2.78	.00	.00	.00	.00	.00	.00	.00	.00	8.33	13.89	.00	.00	.00	.00	2.78	.00	27.78
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.07	.12	.00	.00	.00	.00	.02	.00	.24
4.1- 5.0	0	0	0	0	0	0	0	0	1	0	6	0	0	0	0	1	0	8
(1)	.00	.00	.00	.00	.00	.00	.00	.00	2.78	.00	16.67	.00	.00	.00	.00	2.78	.00	22.22
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.14	.00	.00	.00	.00	.02	.00	.19
5.1- 6.0	0	0	0	0	0	0	0	0	1	0	3	1	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	2.78	.00	8.33	2.78	.00	.00	.00	.00	.00	13.89
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.07	.02	.00	.00	.00	.00	.00	.12
6.1- 8.0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2

Table 2.3-57— {SSES 197' (60-m) 2001-2006 November JFD}

(Page 2 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = .87**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	2.78	.00	.00	2.78	.00	.00	.00	.00	.00	5.56
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02	.00	.00	.00	.00	.00	.05
8.1-10.0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.56	.00	.00	.00	.00	.00	.00	.00	5.56
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.05
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	1	0	0	0	0	0	0	0	4	11	16	2	0	0	0	2	0	36
(1)	2.78	.00	.00	.00	.00	.00	.00	.00	11.11	30.56	44.44	5.56	.00	.00	.00	5.56	.00	100.00
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.10	.26	.39	.05	.00	.00	.00	.05	.00	.87

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-57— {SSES 197' (60-m) 2001-2006 November JFD - continued}

(Page 1 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA   STABILITY CLASS B   CLASS FREQUENCY (PERCENT) = 1.37

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
1.1- 1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
1.6- 2.0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.75	.00	.00	.00	.00	.00	.00	.00	1.75
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
2.1- 3.0	0	0	0	0	0	0	0	1	1	3	3	2	0	0	0	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	1.75	1.75	5.26	5.26	3.51	.00	.00	.00	.00	.00	17.54
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.02	.07	.07	.05	.00	.00	.00	.00	.00	.24
3.1- 4.0	0	1	0	0	0	0	0	0	0	1	4	1	0	0	0	0	0	7
(1)	.00	1.75	.00	.00	.00	.00	.00	.00	.00	1.75	7.02	1.75	.00	.00	.00	.00	.00	12.28
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02	.10	.02	.00	.00	.00	.00	.00	.17
4.1- 5.0	0	0	0	0	0	0	0	0	2	0	4	4	1	0	0	0	0	11
(1)	.00	.00	.00	.00	.00	.00	.00	.00	3.51	.00	7.02	7.02	1.75	.00	.00	.00	.00	19.30
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.10	.10	.02	.00	.00	.00	.00	.26
5.1- 6.0	0	0	0	0	0	0	0	0	0	2	4	2	1	0	0	0	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.51	7.02	3.51	1.75	.00	.00	.00	.00	15.79
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.10	.05	.02	.00	.00	.00	.00	.22
6.1- 8.0	0	0	0	0	0	0	0	1	0	0	5	7	0	0	0	0	0	13

Table 2.3-57— {SSES 197' (60-m) 2001-2006 November JFD - continued}

(Page 2 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = 1.37**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	1.75	.00	.00	8.77	12.28	.00	.00	.00	.00	.00	22.81
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.12	.17	.00	.00	.00	.00	.00	.31
8.1-10.0	0	0	0	0	0	0	0	0	0	3	2	1	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.26	3.51	1.75	.00	.00	.00	.00	.00	10.53
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.05	.02	.00	.00	.00	.00	.00	.14
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	1	0	0	0	0	0	2	3	10	22	17	2	0	0	0	0	57
(1)	.00	1.75	.00	.00	.00	.00	.00	3.51	5.26	17.54	38.60	29.82	3.51	.00	.00	.00	.00	100.00
(2)	.00	.02	.00	.00	.00	.00	.00	.05	.07	.24	.53	.41	.05	.00	.00	.00	.00	1.37

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-57— {SSES 197' (60-m) 2001-2006 November JFD - continued}
(Page 1 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 2.72

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.88	.00	.00	.00	.00	.00	.88	.00	.00	.00	1.77
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.05
1.1- 1.5	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	3.54	.00	.00	.00	.00	.00	.00	.00	.00	3.54
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.00	.10
1.6- 2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2.1- 3.0	0	1	1	0	0	0	0	0	0	3	6	0	0	0	0	0	0	11
(1)	.00	.88	.88	.00	.00	.00	.00	.00	.00	2.65	5.31	.00	.00	.00	.00	.00	.00	9.73
(2)	.00	.02	.02	.00	.00	.00	.00	.00	.00	.07	.14	.00	.00	.00	.00	.00	.00	.26
3.1- 4.0	0	1	2	0	0	0	1	0	0	1	6	3	1	0	0	0	0	15
(1)	.00	.88	1.77	.00	.00	.00	.88	.00	.00	.88	5.31	2.65	.88	.00	.00	.00	.00	13.27
(2)	.00	.02	.05	.00	.00	.00	.02	.00	.00	.02	.14	.07	.02	.00	.00	.00	.00	.36
4.1- 5.0	1	0	0	0	0	0	0	3	5	0	7	6	0	0	1	1	0	24
(1)	.88	.00	.00	.00	.00	.00	.00	2.65	4.42	.00	6.19	5.31	.00	.00	.88	.88	.00	21.24
(2)	.02	.00	.00	.00	.00	.00	.00	.07	.12	.00	.17	.14	.00	.00	.02	.02	.00	.58
5.1- 6.0	4	0	0	0	0	0	0	1	1	1	4	10	1	0	0	3	0	25
(1)	3.54	.00	.00	.00	.00	.00	.00	.88	.88	.88	3.54	8.85	.88	.00	.00	2.65	.00	22.12
(2)	.10	.00	.00	.00	.00	.00	.00	.02	.02	.02	.10	.24	.02	.00	.00	.07	.00	.60
6.1- 8.0	1	1	0	0	0	0	0	2	1	2	4	13	0	0	1	1	0	26

Table 2.3-57— {SSES 197' (60-m) 2001-2006 November JFD - continued}

(Page 2 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 2.72

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.88	.88	.00	.00	.00	.00	.00	1.77	.88	1.77	3.54	11.50	.00	.00	.88	.88	.00	23.01
(2)	.02	.02	.00	.00	.00	.00	.00	.05	.02	.05	.10	.31	.00	.00	.02	.02	.00	.63
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.31	.00	.00	.00	.00	.00	5.31
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.00	.00	.00	.00	.00	.14
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	6	3	3	0	0	0	1	7	11	7	27	38	2	1	2	5	0	113
(1)	5.31	2.65	2.65	.00	.00	.00	.88	6.19	9.73	6.19	23.89	33.63	1.77	.88	1.77	4.42	.00	100.00
(2)	.14	.07	.07	.00	.00	.00	.02	.17	.26	.17	.65	.91	.05	.02	.05	.12	.00	2.72

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-57— {SSES 197' (60-m) 2001-2006 November JFD - continued}

(Page 1 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 40.51

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	0	2	6	5	8	6	6	5	4	5	1	0	1	1	0	0	0	50
(1)	.00	.12	.36	.30	.48	.36	.36	.30	.24	.30	.06	.00	.06	.06	.00	.00	.00	2.97
(2)	.00	.05	.14	.12	.19	.14	.14	.12	.10	.12	.02	.00	.02	.02	.00	.00	.00	1.20
1.1- 1.5	5	9	9	5	2	2	8	9	12	10	12	1	0	0	0	0	0	84
(1)	.30	.53	.53	.30	.12	.12	.48	.53	.71	.59	.71	.06	.00	.00	.00	.00	.00	4.99
(2)	.12	.22	.22	.12	.05	.05	.19	.22	.29	.24	.29	.02	.00	.00	.00	.00	.00	2.02
1.6- 2.0	3	10	4	1	4	4	2	8	8	19	13	4	2	1	1	1	0	85
(1)	.18	.59	.24	.06	.24	.24	.12	.48	.48	1.13	.77	.24	.12	.06	.06	.06	.00	5.05
(2)	.07	.24	.10	.02	.10	.10	.05	.19	.19	.46	.31	.10	.05	.02	.02	.02	.00	2.05
2.1- 3.0	16	27	10	1	3	5	23	14	7	16	33	18	15	10	6	4	0	208
(1)	.95	1.60	.59	.06	.18	.30	1.37	.83	.42	.95	1.96	1.07	.89	.59	.36	.24	.00	12.36
(2)	.39	.65	.24	.02	.07	.12	.55	.34	.17	.39	.79	.43	.36	.24	.14	.10	.00	5.01
3.1- 4.0	29	31	22	2	3	6	15	24	8	5	29	27	23	18	20	27	0	289
(1)	1.72	1.84	1.31	.12	.18	.36	.89	1.43	.48	.30	1.72	1.60	1.37	1.07	1.19	1.60	.00	17.17
(2)	.70	.75	.53	.05	.07	.14	.36	.58	.19	.12	.70	.65	.55	.43	.48	.65	.00	6.96
4.1- 5.0	21	41	22	0	2	3	12	13	7	9	16	30	28	26	37	44	0	311
(1)	1.25	2.44	1.31	.00	.12	.18	.71	.77	.42	.53	.95	1.78	1.66	1.54	2.20	2.61	.00	18.48
(2)	.51	.99	.53	.00	.05	.07	.29	.31	.17	.22	.39	.72	.67	.63	.89	1.06	.00	7.48
5.1- 6.0	18	17	5	0	0	0	17	9	6	4	19	30	23	22	34	33	0	237
(1)	1.07	1.01	.30	.00	.00	.00	1.01	.53	.36	.24	1.13	1.78	1.37	1.31	2.02	1.96	.00	14.08
(2)	.43	.41	.12	.00	.00	.00	.41	.22	.14	.10	.46	.72	.55	.53	.82	.79	.00	5.70
6.1- 8.0	11	5	2	0	0	0	11	17	5	14	26	74	37	12	40	27	0	281

Table 2.3-57— {SSES 197' (60-m) 2001-2006 November JFD - continued}

(Page 2 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA　　STABILITY CLASS D　　CLASS FREQUENCY (PERCENT) = 40.51

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.65	.30	.12	.00	.00	.00	.65	1.01	.30	.83	1.54	4.40	2.20	.71	2.38	1.60	.00	16.70
(2)	.26	.12	.05	.00	.00	.00	.26	.41	.12	.34	.63	1.78	.89	.29	.96	.65	.00	6.76
8.1-10.0	0	0	0	0	0	0	5	13	2	5	8	23	10	19	4	3	0	92
(1)	.00	.00	.00	.00	.00	.00	.30	.77	.12	.30	.48	1.37	.59	1.13	.24	.18	.00	5.47
(2)	.00	.00	.00	.00	.00	.00	.12	.31	.05	.12	.19	.55	.24	.46	.10	.07	.00	2.21
10.1-40.3	0	0	0	0	0	0	0	6	5	3	0	18	7	5	1	0	0	45
(1)	.00	.00	.00	.00	.00	.00	.00	.36	.30	.18	.00	1.07	.42	.30	.06	.00	.00	2.67
(2)	.00	.00	.00	.00	.00	.00	.00	.14	.12	.07	.00	.43	.17	.12	.02	.00	.00	1.08
ALL SPEEDS	103	143	80	14	22	26	99	118	64	90	157	225	146	114	143	139	0	1683
(1)	6.12	8.50	4.75	.83	1.31	1.54	5.88	7.01	3.80	5.35	9.33	13.37	8.67	6.77	8.50	8.26	.00	100.00
(2)	2.48	3.44	1.93	.34	.53	.63	2.38	2.84	1.54	2.17	3.78	5.42	3.51	2.74	3.44	3.35	.00	40.51

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-57— {SSES 197' (60-m) 2001-2006 November JFD - continued}

(Page 1 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 31.07

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	4
(1)	.00	.00	.08	.08	.00	.00	.08	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.31
(2)	.00	.00	.02	.02	.00	.00	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.10
.5- 1.0	6	20	19	18	15	24	26	16	13	18	8	0	2	0	0	2	0	187
(1)	.46	1.55	1.47	1.39	1.16	1.86	2.01	1.24	1.01	1.39	.62	.00	.15	.00	.00	.15	.00	14.48
(2)	.14	.48	.46	.43	.36	.58	.63	.39	.31	.43	.19	.00	.05	.00	.00	.05	.00	4.50
1.1- 1.5	11	33	25	8	12	6	11	20	15	17	19	4	3	0	0	3	0	187
(1)	.85	2.56	1.94	.62	.93	.46	.85	1.55	1.16	1.32	1.47	.31	.23	.00	.00	.23	.00	14.48
(2)	.26	.79	.60	.19	.29	.14	.26	.48	.36	.41	.46	.10	.07	.00	.00	.07	.00	4.50
1.6- 2.0	15	33	17	9	8	1	5	6	7	11	19	10	2	0	1	2	0	146
(1)	1.16	2.56	1.32	.70	.62	.08	.39	.46	.54	.85	1.47	.77	.15	.00	.08	.15	.00	11.31
(2)	.36	.79	.41	.22	.19	.02	.12	.14	.17	.26	.46	.24	.05	.00	.02	.05	.00	3.51
2.1- 3.0	22	29	27	10	12	8	7	16	15	22	29	15	8	5	8	7	0	240
(1)	1.70	2.25	2.09	.77	.93	.62	.54	1.24	1.16	1.70	2.25	1.16	.62	.39	.62	.54	.00	18.59
(2)	.53	.70	.65	.24	.29	.19	.17	.39	.36	.53	.70	.36	.19	.12	.19	.17	.00	5.78
3.1- 4.0	15	25	10	5	2	8	5	12	7	32	20	20	8	4	8	7	0	188
(1)	1.16	1.94	.77	.39	.15	.62	.39	.93	.54	2.48	1.55	1.55	.62	.31	.62	.54	.00	14.56
(2)	.36	.60	.24	.12	.05	.19	.12	.29	.17	.77	.48	.48	.19	.10	.19	.17	.00	4.52
4.1- 5.0	7	11	3	0	0	1	3	5	8	25	27	23	4	0	8	2	0	127
(1)	.54	.85	.23	.00	.00	.08	.23	.39	.62	1.94	2.09	1.78	.31	.00	.62	.15	.00	9.84
(2)	.17	.26	.07	.00	.00	.02	.07	.12	.19	.60	.65	.55	.10	.00	.19	.05	.00	3.06
5.1- 6.0	2	5	7	0	0	0	2	3	2	14	12	26	1	1	4	3	0	82
(1)	.15	.39	.54	.00	.00	.00	.15	.23	.15	1.08	.93	2.01	.08	.08	.31	.23	.00	6.35
(2)	.05	.12	.17	.00	.00	.00	.05	.07	.05	.34	.29	.63	.02	.02	.10	.07	.00	1.97
6.1- 8.0	0	1	1	1	0	0	4	6	13	21	4	23	2	0	1	1	0	78

Table 2.3-57— {SSES 197' (60-m) 2001-2006 November JFD - continued}

(Page 2 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 31.07

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.08	.08	.08	.00	.00	.31	.46	1.01	1.63	.31	1.78	.15	.00	.08	.08	.00	6.04
(2)	.00	.02	.02	.02	.00	.00	.10	.14	.31	.51	.10	.55	.05	.00	.02	.02	.00	1.88
8.1-10.0	0	0	0	0	0	5	1	5	13	13	2	2	0	0	0	0	0	41
(1)	.00	.00	.00	.00	.00	.39	.08	.39	1.01	1.01	.15	.15	.00	.00	.00	.00	.00	3.18
(2)	.00	.00	.00	.00	.00	.12	.02	.12	.31	.31	.05	.05	.00	.00	.00	.00	.00	.99
10.1-40.3	0	0	0	0	0	0	0	6	3	0	1	1	0	0	0	0	0	11
(1)	.00	.00	.00	.00	.00	.00	.00	.46	.23	.00	.08	.08	.00	.00	.00	.00	.00	.85
(2)	.00	.00	.00	.00	.00	.00	.00	.14	.07	.00	.02	.02	.00	.00	.00	.00	.00	.26
ALL SPEEDS	78	157	110	52	49	53	65	95	96	174	141	124	30	10	30	27	0	1291
(1)	6.04	12.16	8.52	4.03	3.80	4.11	5.03	7.36	7.44	13.48	10.92	9.60	2.32	.77	2.32	2.09	.00	100.00
(2)	1.88	3.78	2.65	1.25	1.18	1.28	1.56	2.29	2.31	4.19	3.39	2.98	.72	.24	.72	.65	.00	31.07

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-57— {SSES 197' (60-m) 2001-2006 November JFD - continued}

(Page 1 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 11.26**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.21	.21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.43
(2)	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
.5- 1.0	1	5	18	13	12	9	8	5	7	2	2	1	0	1	0	0	0	84
(1)	.21	1.07	3.85	2.78	2.56	1.92	1.71	1.07	1.50	.43	.43	.21	.00	.21	.00	.00	.00	17.95
(2)	.02	.12	.43	.31	.29	.22	.19	.12	.17	.05	.05	.02	.00	.02	.00	.00	.00	2.02
1.1- 1.5	7	33	26	14	8	7	6	5	8	3	1	1	0	0	0	1	0	120
(1)	1.50	7.05	5.56	2.99	1.71	1.50	1.28	1.07	1.71	.64	.21	.21	.00	.00	.00	.21	.00	25.64
(2)	.17	.79	.63	.34	.19	.17	.14	.12	.19	.07	.02	.02	.00	.00	.00	.02	.00	2.89
1.6- 2.0	5	42	10	3	1	2	1	1	5	5	3	1	0	2	2	1	0	84
(1)	1.07	8.97	2.14	.64	.21	.43	.21	.21	1.07	1.07	.64	.21	.00	.43	.43	.21	.00	17.95
(2)	.12	1.01	.24	.07	.02	.05	.02	.02	.12	.12	.07	.02	.00	.05	.05	.02	.00	2.02
2.1- 3.0	20	35	12	2	6	0	0	1	4	13	16	0	0	0	0	0	0	109
(1)	4.27	7.48	2.56	.43	1.28	.00	.00	.21	.85	2.78	3.42	.00	.00	.00	.00	.00	.00	23.29
(2)	.48	.84	.29	.05	.14	.00	.00	.02	.10	.31	.39	.00	.00	.00	.00	.00	.00	2.62
3.1- 4.0	2	6	5	0	0	1	0	0	0	8	10	2	0	0	0	0	0	34
(1)	.43	1.28	1.07	.00	.00	.21	.00	.00	.00	1.71	2.14	.43	.00	.00	.00	.00	.00	7.26
(2)	.05	.14	.12	.00	.00	.02	.00	.00	.00	.19	.24	.05	.00	.00	.00	.00	.00	.82
4.1- 5.0	0	0	0	0	0	1	0	0	1	3	4	14	0	0	1	0	0	24
(1)	.00	.00	.00	.00	.00	.21	.00	.00	.21	.64	.85	2.99	.00	.00	.21	.00	.00	5.13
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.02	.07	.10	.34	.00	.00	.02	.00	.00	.58
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.21	.85	.00	.00	.00	.00	.00	1.07
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.10	.00	.00	.00	.00	.00	.12
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6

Table 2.3-57— {SSES 197' (60-m) 2001-2006 November JFD - continued}

(Page 2 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 11.26**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.28	.00	.00	.00	.00	.00	1.28
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.00	.00	.00	.00	.00	.14
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	35	121	71	33	28	20	15	12	25	34	37	29	0	3	3	2	0	468
(1)	7.48	25.85	15.17	7.05	5.98	4.27	3.21	2.56	5.34	7.26	7.91	6.20	.00	.64	.64	.43	.00	100.00
(2)	.84	2.91	1.71	.79	.67	.48	.36	.29	.60	.82	.89	.70	.00	.07	.07	.05	.00	11.26

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-57— {SSES 197' (60-m) 2001-2006 November JFD - continued}

(Page 1 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 12.20

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.20	.00	.39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.59
(2)	.00	.00	.02	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	2	10	16	11	11	8	6	1	1	0	0	0	0	0	0	0	0	66
(1)	.39	1.97	3.16	2.17	2.17	1.58	1.18	.20	.20	.00	.00	.00	.00	.00	.00	.00	.00	13.02
(2)	.05	.24	.39	.26	.26	.19	.14	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	1.59
1.1- 1.5	9	44	47	13	9	5	12	7	10	4	1	2	0	0	1	0	0	164
(1)	1.78	8.68	9.27	2.56	1.78	.99	2.37	1.38	1.97	.79	.20	.39	.00	.00	.20	.00	.00	32.35
(2)	.22	1.06	1.13	.31	.22	.12	.29	.17	.24	.10	.02	.05	.00	.00	.02	.00	.00	3.95
1.6- 2.0	13	58	32	6	0	2	2	0	3	3	2	3	1	0	0	0	0	125
(1)	2.56	11.44	6.31	1.18	.00	.39	.39	.00	.59	.59	.39	.59	.20	.00	.00	.00	.00	24.65
(2)	.31	1.40	.77	.14	.00	.05	.05	.00	.07	.07	.05	.07	.02	.00	.00	.00	.00	3.01
2.1- 3.0	26	39	10	1	1	0	0	3	12	9	10	0	1	1	4	0	0	117
(1)	5.13	7.69	1.97	.20	.20	.00	.00	.59	2.37	1.78	1.97	.00	.20	.20	.79	.00	.00	23.08
(2)	.63	.94	.24	.02	.02	.00	.00	.07	.29	.22	.24	.00	.02	.02	.10	.00	.00	2.82
3.1- 4.0	2	7	2	0	0	1	0	0	2	4	5	3	0	0	0	0	0	26
(1)	.39	1.38	.39	.00	.00	.20	.00	.00	.39	.79	.99	.59	.00	.00	.00	.00	.00	5.13
(2)	.05	.17	.05	.00	.00	.02	.00	.00	.05	.10	.12	.07	.00	.00	.00	.00	.00	.63
4.1- 5.0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.39	.39	.00	.00	.00	.00	.00	.79
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.05	.00	.00	.00	.00	.00	.10
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.39	.00	.00	.00	.00	.00	.39
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-57— {SSES 197' (60-m) 2001-2006 November JFD - continued}

(Page 2 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 12.20**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	52	158	108	31	23	16	20	11	28	20	20	12	2	1	5	0	0	507
(1)	10.26	31.16	21.30	6.11	4.54	3.16	3.94	2.17	5.52	3.94	3.94	2.37	.39	.20	.99	.00	.00	100.00
(2)	1.25	3.80	2.60	.75	.55	.39	.48	.26	.67	.48	.48	.29	.05	.02	.12	.00	.00	12.20

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-57— {SSES 197' (60-m) 2001-2006 November JFD - continued}

(Page 1 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	1	2	2	3	0	1	0	0	1	0	0	0	0	0	0	0	10
(1)	.00	.02	.05	.05	.07	.00	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.24
(2)	.00	.02	.05	.05	.07	.00	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.24
.5- 1.0	9	37	59	47	46	47	46	28	25	25	11	1	3	3	0	2	0	389
(1)	.22	.89	1.42	1.13	1.11	1.13	1.11	.67	.60	.60	.26	.02	.07	.07	.00	.05	.00	9.36
(2)	.22	.89	1.42	1.13	1.11	1.13	1.11	.67	.60	.60	.26	.02	.07	.07	.00	.05	.00	9.36
1.1- 1.5	32	119	107	40	31	20	37	41	49	34	33	8	3	0	1	4	0	559
(1)	.77	2.86	2.58	.96	.75	.48	.89	.99	1.18	.82	.79	.19	.07	.00	.02	.10	.00	13.45
(2)	.77	2.86	2.58	.96	.75	.48	.89	.99	1.18	.82	.79	.19	.07	.00	.02	.10	.00	13.45
1.6- 2.0	36	143	63	19	13	9	10	15	23	41	37	18	5	3	4	4	0	443
(1)	.87	3.44	1.52	.46	.31	.22	.24	.36	.55	.99	.89	.43	.12	.07	.10	.10	.00	10.66
(2)	.87	3.44	1.52	.46	.31	.22	.24	.36	.55	.99	.89	.43	.12	.07	.10	.10	.00	10.66
2.1- 3.0	84	131	60	14	22	13	30	35	40	70	99	35	24	16	18	11	0	702
(1)	2.02	3.15	1.44	.34	.53	.31	.72	.84	.96	1.68	2.38	.84	.58	.39	.43	.26	.00	16.90
(2)	2.02	3.15	1.44	.34	.53	.31	.72	.84	.96	1.68	2.38	.84	.58	.39	.43	.26	.00	16.90
3.1- 4.0	49	71	41	7	5	16	21	36	17	54	79	56	32	22	28	35	0	569
(1)	1.18	1.71	.99	.17	.12	.39	.51	.87	.41	1.30	1.90	1.35	.77	.53	.67	.84	.00	13.69
(2)	1.18	1.71	.99	.17	.12	.39	.51	.87	.41	1.30	1.90	1.35	.77	.53	.67	.84	.00	13.69
4.1- 5.0	29	52	25	0	2	5	15	21	24	37	66	79	33	26	47	48	0	509
(1)	.70	1.25	.60	.00	.05	.12	.36	.51	.58	.89	1.59	1.90	.79	.63	1.13	1.16	.00	12.25
(2)	.70	1.25	.60	.00	.05	.12	.36	.51	.58	.89	1.59	1.90	.79	.63	1.13	1.16	.00	12.25
5.1- 6.0	24	22	12	0	0	0	19	13	10	21	43	75	26	23	38	39	0	365
(1)	.58	.53	.29	.00	.00	.00	.46	.31	.24	.51	1.03	1.81	.63	.55	.91	.94	.00	8.78
(2)	.58	.53	.29	.00	.00	.00	.46	.31	.24	.51	1.03	1.81	.63	.55	.91	.94	.00	8.78
6.1- 8.0	12	7	3	1	0	0	15	26	20	37	39	124	39	12	42	29	0	406

Table 2.3-57— {SSES 197' (60-m) 2001-2006 November JFD - continued}
(Page 2 of 2)

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**
WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.29	.17	.07	.02	.00	.00	.36	.63	.48	.89	.94	2.98	.94	.29	1.01	.70	.00	9.77
(2)	.29	.17	.07	.02	.00	.00	.36	.63	.48	.89	.94	2.98	.94	.29	1.01	.70	.00	9.77
8.1-10.0	0	0	0	0	0	5	6	18	15	23	12	32	10	19	4	3	0	147
(1)	.00	.00	.00	.00	.00	.12	.14	.43	.36	.55	.29	.77	.24	.46	.10	.07	.00	3.54
(2)	.00	.00	.00	.00	.00	.12	.14	.43	.36	.55	.29	.77	.24	.46	.10	.07	.00	3.54
10.1-40.3	0	0	0	0	0	0	0	12	8	3	1	19	7	5	1	0	0	56
(1)	.00	.00	.00	.00	.00	.00	.00	.29	.19	.07	.02	.46	.17	.12	.02	.00	.00	1.35
(2)	.00	.00	.00	.00	.00	.00	.00	.29	.19	.07	.02	.46	.17	.12	.02	.00	.00	1.35
ALL SPEEDS	275	583	372	130	122	115	200	245	231	346	420	447	182	129	183	175	0	4155
(1)	6.62	14.03	8.95	3.13	2.94	2.77	4.81	5.90	5.56	8.33	10.11	10.76	4.38	3.10	4.40	4.21	.00	100.00
(2)	6.62	14.03	8.95	3.13	2.94	2.77	4.81	5.90	5.56	8.33	10.11	10.76	4.38	3.10	4.40	4.21	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-58— {SSES 197' (60-m) 2001-2006 December JFD}
(Page 1 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = .78**

	WIND DIRECTION FROM																	
SPEED m/s	**N**	**NNE**	**NE**	**ENE**	**E**	**ESE**	**SE**	**SSE**	**S**	**SSW**	**SW**	**WSW**	**W**	**WNW**	**NW**	**NNW**	**VRBL**	**TOTAL**
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
1.1- 1.5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.86	.00	.00	.00	.00	.00	.00	2.86
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
1.6- 2.0	0	0	0	0	1	0	0	0	1	5	1	0	0	0	0	0	0	8
(1)	.00	.00	.00	.00	2.86	.00	.00	.00	2.86	14.29	2.86	.00	.00	.00	.00	.00	.00	22.86
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.02	.11	.02	.00	.00	.00	.00	.00	.00	.18
2.1- 3.0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	5.71	5.71	5.71	.00	.00	.00	.00	.00	.00	17.14
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.04	.04	.04	.00	.00	.00	.00	.00	.00	.13
3.1- 4.0	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.71	8.57	2.86	.00	.00	.00	.00	.00	17.14
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.07	.02	.00	.00	.00	.00	.00	.13
4.1- 5.0	0	0	0	0	0	0	1	0	0	1	4	1	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	2.86	.00	.00	2.86	11.43	2.86	.00	.00	.00	.00	.00	20.00
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02	.09	.02	.00	.00	.00	.00	.00	.16
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.43	2.86	.00	.00	.00	.00	.00	14.29
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.02	.00	.00	.00	.00	.00	.11
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1

Table 2.3-58— {SSES 197' (60-m) 2001-2006 December JFD}

(Page 2 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS A** **CLASS FREQUENCY (PERCENT) = .78**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.86	.00	.00	.00	.00	.00	.00	2.86
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.86	.00	.00	.00	.00	.00	2.86
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	0	0	0	1	0	1	0	3	10	16	4	0	0	0	0	0	35
(1)	.00	.00	.00	.00	2.86	.00	2.86	.00	8.57	28.57	45.71	11.43	.00	.00	.00	.00	.00	100.00
(2)	.00	.00	.00	.00	.02	.00	.02	.00	.07	.22	.36	.09	.00	.00	.00	.00	.00	.78

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-58— {SSES 197' (60-m) 2001-2006 December JFD - continued}

(Page 1 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = .76**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
1.1- 1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
1.6- 2.0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.88	5.88	.00	.00	.00	.00	.00	.00	11.76
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.04	.00	.00	.00	.00	.00	.00	.09
2.1- 3.0	0	0	0	0	0	0	0	0	0	1	4	1	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.94	11.76	2.94	.00	.00	.00	.00	.00	17.65
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.09	.02	.00	.00	.00	.00	.00	.13
3.1- 4.0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.65	.00	.00	.00	.00	.00	.00	17.65
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13	.00	.00	.00	.00	.00	.00	.13
4.1- 5.0	0	0	1	0	0	0	0	0	0	0	5	3	0	0	1	0	0	10
(1)	.00	.00	2.94	.00	.00	.00	.00	.00	.00	.00	14.71	8.82	.00	.00	2.94	.00	.00	29.41
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.11	.07	.00	.00	.02	.00	.00	.22
5.1- 6.0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.65	.00	.00	.00	.00	.00	.00	17.65
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13	.00	.00	.00	.00	.00	.00	.13
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1

Table 2.3-58— {SSES 197' (60-m) 2001-2006 December JFD - continued}

(Page 2 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS B** **CLASS FREQUENCY (PERCENT) = .76**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.94	.00	.00	.00	.00	.00	.00	2.94
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.94	.00	.00	.00	.00	.00	2.94
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	0	1	0	0	0	0	0	0	3	24	5	0	0	1	0	0	34
(1)	.00	.00	2.94	.00	.00	.00	.00	.00	.00	8.82	70.59	14.71	.00	.00	2.94	.00	.00	100.00
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.07	.54	.11	.00	.00	.02	.00	.00	.76

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-58— {SSES 197' (60-m) 2001-2006 December JFD - continued}
(Page 1 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS C** **CLASS FREQUENCY (PERCENT) = 2.04**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.00	2.20	.00	.00	.00	2.20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.40
(2)	.00	.00	.04	.00	.00	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
1.1- 1.5	0	0	1	0	0	1	0	0	0	1	1	0	0	0	0	0	0	4
(1)	.00	.00	1.10	.00	.00	1.10	.00	.00	.00	1.10	1.10	.00	.00	.00	.00	.00	.00	4.40
(2)	.00	.00	.02	.00	.00	.02	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.09
1.6- 2.0	0	0	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	5
(1)	.00	.00	1.10	.00	.00	.00	.00	.00	1.10	1.10	1.10	1.10	.00	.00	.00	.00	.00	5.49
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.02	.02	.02	.02	.00	.00	.00	.00	.00	.11
2.1- 3.0	0	1	1	0	0	0	0	0	1	2	8	1	0	0	0	0	0	14
(1)	.00	1.10	1.10	.00	.00	.00	.00	.00	1.10	2.20	8.79	1.10	.00	.00	.00	.00	.00	15.38
(2)	.00	.02	.02	.00	.00	.00	.00	.00	.02	.04	.18	.02	.00	.00	.00	.00	.00	.31
3.1- 4.0	1	2	2	0	0	0	0	0	0	0	1	1	1	0	0	0	0	8
(1)	1.10	2.20	2.20	.00	.00	.00	.00	.00	.00	.00	1.10	1.10	1.10	.00	.00	.00	.00	8.79
(2)	.02	.04	.04	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.00	.00	.00	.00	.18
4.1- 5.0	0	0	0	0	0	0	0	0	1	0	8	3	0	0	0	4	0	16
(1)	.00	.00	.00	.00	.00	.00	.00	.00	1.10	.00	8.79	3.30	.00	.00	.00	4.40	.00	17.58
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.18	.07	.00	.00	.00	.09	.00	.36
5.1- 6.0	0	0	1	0	0	0	1	0	0	0	2	6	0	0	1	3	0	14
(1)	.00	.00	1.10	.00	.00	.00	1.10	.00	.00	.00	2.20	6.59	.00	.00	1.10	3.30	.00	15.38
(2)	.00	.00	.02	.00	.00	.00	.02	.00	.00	.00	.04	.13	.00	.00	.02	.07	.00	.31
6.1- 8.0	0	0	0	0	0	0	0	0	0	2	6	13	0	0	0	0	0	21

Table 2.3-58— {SSES 197' (60-m) 2001-2006 December JFD - continued}

(Page 2 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 2.04

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.20	6.59	14.29	.00	.00	.00	.00	.00	23.08
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.13	.29	.00	.00	.00	.00	.00	.47
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.49	.00	.00	.00	.00	.00	5.49
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.00	.00	.00	.00	.00	.11
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	1	3	8	0	0	1	3	0	3	6	27	30	1	0	1	7	0	91
(1)	1.10	3.30	8.79	.00	.00	1.10	3.30	.00	3.30	6.59	29.67	32.97	1.10	.00	1.10	7.69	.00	100.00
(2)	.02	.07	.18	.00	.00	.02	.07	.00	.07	.13	.60	.67	.02	.00	.02	.16	.00	2.04

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-58— {SSES 197' (60-m) 2001-2006 December JFD - continued}

(Page 1 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 45.99**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	1	1	7	3	3	7	8	6	4	3	2	1	2	0	2	2	0	52
(1)	.05	.05	.34	.15	.15	.34	.39	.29	.19	.15	.10	.05	.10	.00	.10	.10	.00	2.53
(2)	.02	.02	.16	.07	.07	.16	.18	.13	.09	.07	.04	.02	.04	.00	.04	.04	.00	1.16
1.1- 1.5	2	10	8	10	3	1	9	12	10	20	10	3	3	1	0	1	0	103
(1)	.10	.49	.39	.49	.15	.05	.44	.58	.49	.97	.49	.15	.15	.05	.00	.05	.00	5.02
(2)	.04	.22	.18	.22	.07	.02	.20	.27	.22	.45	.22	.07	.07	.02	.00	.02	.00	2.31
1.6- 2.0	1	8	6	4	5	4	1	6	6	15	24	8	2	4	1	1	0	96
(1)	.05	.39	.29	.19	.24	.19	.05	.29	.29	.73	1.17	.39	.10	.19	.05	.05	.00	4.68
(2)	.02	.18	.13	.09	.11	.09	.02	.13	.13	.34	.54	.18	.04	.09	.02	.02	.00	2.15
2.1- 3.0	16	20	21	19	10	4	19	11	4	22	42	26	12	7	7	3	0	243
(1)	.78	.97	1.02	.93	.49	.19	.93	.54	.19	1.07	2.05	1.27	.58	.34	.34	.15	.00	11.84
(2)	.36	.45	.47	.43	.22	.09	.43	.25	.09	.49	.94	.58	.27	.16	.16	.07	.00	5.44
3.1- 4.0	17	18	15	8	3	5	15	10	12	12	37	30	19	11	19	18	0	249
(1)	.83	.88	.73	.39	.15	.24	.73	.49	.58	.58	1.80	1.46	.93	.54	.93	.88	.00	12.13
(2)	.38	.40	.34	.18	.07	.11	.34	.22	.27	.27	.83	.67	.43	.25	.43	.40	.00	5.58
4.1- 5.0	22	17	16	5	4	3	7	6	6	11	31	44	41	24	54	49	0	340
(1)	1.07	.83	.78	.24	.19	.15	.34	.29	.29	.54	1.51	2.14	2.00	1.17	2.63	2.39	.00	16.56
(2)	.49	.38	.36	.11	.09	.07	.16	.13	.13	.25	.69	.99	.92	.54	1.21	1.10	.00	7.62
5.1- 6.0	17	9	2	2	2	2	3	2	0	11	41	74	43	36	46	53	0	343
(1)	.83	.44	.10	.10	.10	.10	.15	.10	.00	.54	2.00	3.60	2.09	1.75	2.24	2.58	.00	16.71
(2)	.38	.20	.04	.04	.04	.04	.07	.04	.00	.25	.92	1.66	.96	.81	1.03	1.19	.00	7.68
6.1- 8.0	3	8	3	0	1	1	1	3	0	13	30	230	56	42	45	59	0	495

Table 2.3-58— {SSES 197' (60-m) 2001-2006 December JFD - continued}
(Page 2 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS D** **CLASS FREQUENCY (PERCENT) = 45.99**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.15	.39	.15	.00	.05	.05	.05	.15	.00	.63	1.46	11.20	2.73	2.05	2.19	2.87	.00	24.11
(2)	.07	.18	.07	.00	.02	.02	.02	.07	.00	.29	.67	5.15	1.25	.94	1.01	1.32	.00	11.09
8.1-10.0	0	0	1	0	0	0	0	0	0	4	3	62	23	5	4	1	0	103
(1)	.00	.00	.05	.00	.00	.00	.00	.00	.00	.19	.15	3.02	1.12	.24	.19	.05	.00	5.02
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.09	.07	1.39	.52	.11	.09	.02	.00	2.31
10.1-40.3	0	0	0	0	0	0	0	0	2	3	0	18	6	0	0	0	0	29
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.10	.15	.00	.88	.29	.00	.00	.00	.00	1.41
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.04	.07	.00	.40	.13	.00	.00	.00	.00	.65
ALL SPEEDS	79	91	79	51	31	27	63	56	44	114	220	496	207	130	178	187	0	2053
(1)	3.85	4.43	3.85	2.48	1.51	1.32	3.07	2.73	2.14	5.55	10.72	24.16	10.08	6.33	8.67	9.11	.00	100.00
(2)	1.77	2.04	1.77	1.14	.69	.60	1.41	1.25	.99	2.55	4.93	11.11	4.64	2.91	3.99	4.19	.00	45.99

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-58— {SSES 197' (60-m) 2001-2006 December JFD - continued}

(Page 1 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 30.58**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.07	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00	.00	.00	.15
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.04
.5- 1.0	8	9	17	18	12	18	14	22	15	8	7	1	2	0	0	4	0	155
(1)	.59	.66	1.25	1.32	.88	1.32	1.03	1.61	1.10	.59	.51	.07	.15	.00	.00	.29	.00	11.36
(2)	.18	.20	.38	.40	.27	.40	.31	.49	.34	.18	.16	.02	.04	.00	.00	.09	.00	3.47
1.1- 1.5	3	21	35	8	9	2	14	24	17	19	17	5	2	1	1	2	0	180
(1)	.22	1.54	2.56	.59	.66	.15	1.03	1.76	1.25	1.39	1.25	.37	.15	.07	.07	.15	.00	13.19
(2)	.07	.47	.78	.18	.20	.04	.31	.54	.38	.43	.38	.11	.04	.02	.02	.04	.00	4.03
1.6- 2.0	7	21	9	4	3	2	7	2	10	20	17	8	4	4	1	4	0	123
(1)	.51	1.54	.66	.29	.22	.15	.51	.15	.73	1.47	1.25	.59	.29	.29	.07	.29	.00	9.01
(2)	.16	.47	.20	.09	.07	.04	.16	.04	.22	.45	.38	.18	.09	.09	.02	.09	.00	2.76
2.1- 3.0	25	24	23	10	7	12	9	11	8	24	46	27	7	9	2	5	0	249
(1)	1.83	1.76	1.68	.73	.51	.88	.66	.81	.59	1.76	3.37	1.98	.51	.66	.15	.37	.00	18.24
(2)	.56	.54	.52	.22	.16	.27	.20	.25	.18	.54	1.03	.60	.16	.20	.04	.11	.00	5.58
3.1- 4.0	12	17	17	4	2	3	2	13	12	19	37	25	9	8	6	7	0	193
(1)	.88	1.25	1.25	.29	.15	.22	.15	.95	.88	1.39	2.71	1.83	.66	.59	.44	.51	.00	14.14
(2)	.27	.38	.38	.09	.04	.07	.04	.29	.27	.43	.83	.56	.20	.18	.13	.16	.00	4.32
4.1- 5.0	5	8	18	4	1	0	1	5	5	28	51	41	4	6	16	7	0	200
(1)	.37	.59	1.32	.29	.07	.00	.07	.37	.37	2.05	3.74	3.00	.29	.44	1.17	.51	.00	14.65
(2)	.11	.18	.40	.09	.02	.00	.02	.11	.11	.63	1.14	.92	.09	.13	.36	.16	.00	4.48
5.1- 6.0	2	8	13	1	1	3	2	4	1	14	22	42	3	0	6	5	0	127
(1)	.15	.59	.95	.07	.07	.22	.15	.29	.07	1.03	1.61	3.08	.22	.00	.44	.37	.00	9.30
(2)	.04	.18	.29	.02	.02	.07	.04	.09	.02	.31	.49	.94	.07	.00	.13	.11	.00	2.84
6.1- 8.0	0	6	2	0	2	3	2	2	2	11	1	63	4	0	8	2	0	108

Table 2.3-58— {SSES 197' (60-m) 2001-2006 December JFD - continued}

(Page 2 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS E** **CLASS FREQUENCY (PERCENT) = 30.58**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.44	.15	.00	.15	.22	.15	.15	.15	.81	.07	4.62	.29	.00	.59	.15	.00	7.91
(2)	.00	.13	.04	.00	.04	.07	.04	.04	.04	.25	.02	1.41	.09	.00	.18	.04	.00	2.42
8.1-10.0	0	0	0	0	0	4	3	4	1	0	3	2	1	0	0	0	0	18
(1)	.00	.00	.00	.00	.00	.29	.22	.29	.07	.00	.22	.15	.07	.00	.00	.00	.00	1.32
(2)	.00	.00	.00	.00	.00	.09	.07	.09	.02	.00	.07	.04	.02	.00	.00	.00	.00	.40
10.1-40.3	0	0	0	0	1	1	0	0	2	2	0	4	0	0	0	0	0	10
(1)	.00	.00	.00	.00	.07	.07	.00	.00	.15	.15	.00	.29	.00	.00	.00	.00	.00	.73
(2)	.00	.00	.00	.00	.02	.02	.00	.00	.04	.04	.00	.09	.00	.00	.00	.00	.00	.22
ALL SPEEDS	62	114	134	49	39	48	54	87	74	145	201	218	36	28	40	36	0	1365
(1)	4.54	8.35	9.82	3.59	2.86	3.52	3.96	6.37	5.42	10.62	14.73	15.97	2.64	2.05	2.93	2.64	.00	100.00
(2)	1.39	2.55	3.00	1.10	.87	1.08	1.21	1.95	1.66	3.25	4.50	4.88	.81	.63	.90	.81	.00	30.58

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-58— {SSES 197' (60-m) 2001-2006 December JFD - continued}

(Page 1 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 11.67

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
.5- 1.0	2	6	18	17	12	7	6	3	3	7	0	0	1	0	2	0	0	84
(1)	.38	1.15	3.45	3.26	2.30	1.34	1.15	.58	.58	1.34	.00	.00	.19	.00	.38	.00	.00	16.12
(2)	.04	.13	.40	.38	.27	.16	.13	.07	.07	.16	.00	.00	.02	.00	.04	.00	.00	1.88
1.1- 1.5	3	23	28	12	10	6	2	10	11	5	4	2	0	0	1	0	0	117
(1)	.58	4.41	5.37	2.30	1.92	1.15	.38	1.92	2.11	.96	.77	.38	.00	.00	.19	.00	.00	22.46
(2)	.07	.52	.63	.27	.22	.13	.04	.22	.25	.11	.09	.04	.00	.00	.02	.00	.00	2.62
1.6- 2.0	10	34	16	2	1	1	0	4	6	10	8	2	0	1	0	0	0	95
(1)	1.92	6.53	3.07	.38	.19	.19	.00	.77	1.15	1.92	1.54	.38	.00	.19	.00	.00	.00	18.23
(2)	.22	.76	.36	.04	.02	.02	.00	.09	.13	.22	.18	.04	.00	.02	.00	.00	.00	2.13
2.1- 3.0	22	31	12	1	1	1	2	0	9	18	17	3	0	1	3	4	0	125
(1)	4.22	5.95	2.30	.19	.19	.19	.38	.00	1.73	3.45	3.26	.58	.00	.19	.58	.77	.00	23.99
(2)	.49	.69	.27	.02	.02	.02	.04	.00	.20	.40	.38	.07	.00	.02	.07	.09	.00	2.80
3.1- 4.0	1	3	1	0	0	0	2	0	2	6	21	9	0	0	4	1	0	50
(1)	.19	.58	.19	.00	.00	.00	.38	.00	.38	1.15	4.03	1.73	.00	.00	.77	.19	.00	9.60
(2)	.02	.07	.02	.00	.00	.00	.04	.00	.04	.13	.47	.20	.00	.00	.09	.02	.00	1.12
4.1- 5.0	0	0	0	0	0	0	0	0	0	5	5	16	0	0	0	0	0	26
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.96	.96	3.07	.00	.00	.00	.00	.00	4.99
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.11	.36	.00	.00	.00	.00	.00	.58
5.1- 6.0	0	0	0	0	0	0	0	0	1	0	3	15	0	0	0	0	0	19
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.19	.00	.58	2.88	.00	.00	.00	.00	.00	3.65
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.07	.34	.00	.00	.00	.00	.00	.43
6.1- 8.0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4

Table 2.3-58— {SSES 197' (60-m) 2001-2006 December JFD - continued}
(Page 2 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA **STABILITY CLASS F** **CLASS FREQUENCY (PERCENT) = 11.67**
WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.77	.00	.00	.00	.00	.00	.77
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.09
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	38	97	75	32	24	16	12	17	32	51	58	51	1	2	10	5	0	521
(1)	7.29	18.62	14.40	6.14	4.61	3.07	2.30	3.26	6.14	9.79	11.13	9.79	.19	.38	1.92	.96	.00	100.00
(2)	.85	2.17	1.68	.72	.54	.36	.27	.38	.72	1.14	1.30	1.14	.02	.04	.22	.11	.00	11.67

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-58— {SSES 197' (60-m) 2001-2006 December JFD - continued}
(Page 1 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA | STABILITY CLASS G | CLASS FREQUENCY (PERCENT) = 8.18

	WIND DIRECTION FROM																	
SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.5- 1.0	2	2	13	18	12	6	3	3	2	0	0	0	0	0	0	0	0	61
(1)	.55	.55	3.56	4.93	3.29	1.64	.82	.82	.55	.00	.00	.00	.00	.00	.00	.00	.00	16.71
(2)	.04	.04	.29	.40	.27	.13	.07	.07	.04	.00	.00	.00	.00	.00	.00	.00	.00	1.37
1.1- 1.5	1	14	23	16	7	8	5	6	4	1	2	0	1	0	0	1	0	89
(1)	.27	3.84	6.30	4.38	1.92	2.19	1.37	1.64	1.10	.27	.55	.00	.27	.00	.00	.27	.00	24.38
(2)	.02	.31	.52	.36	.16	.18	.11	.13	.09	.02	.04	.00	.02	.00	.00	.02	.00	1.99
1.6- 2.0	10	27	21	4	1	2	1	5	6	6	4	0	0	0	0	1	0	88
(1)	2.74	7.40	5.75	1.10	.27	.55	.27	1.37	1.64	1.64	1.10	.00	.00	.00	.00	.27	.00	24.11
(2)	.22	.60	.47	.09	.02	.04	.02	.11	.13	.13	.09	.00	.00	.00	.00	.02	.00	1.97
2.1- 3.0	10	31	12	2	2	1	1	1	5	13	10	2	0	0	0	2	0	92
(1)	2.74	8.49	3.29	.55	.55	.27	.27	.27	1.37	3.56	2.74	.55	.00	.00	.00	.55	.00	25.21
(2)	.22	.69	.27	.04	.04	.02	.02	.02	.11	.29	.22	.04	.00	.00	.00	.04	.00	2.06
3.1- 4.0	0	2	0	0	0	1	0	0	1	4	13	0	0	0	0	0	0	21
(1)	.00	.55	.00	.00	.00	.27	.00	.00	.27	1.10	3.56	.00	.00	.00	.00	.00	.00	5.75
(2)	.00	.04	.00	.00	.00	.02	.00	.00	.02	.09	.29	.00	.00	.00	.00	.00	.00	.47
4.1- 5.0	0	0	0	0	0	0	0	0	1	2	0	7	0	0	0	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.27	.55	.00	1.92	.00	.00	.00	.00	.00	2.74
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.04	.00	.16	.00	.00	.00	.00	.00	.22
5.1- 6.0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.27	.00	.55	.00	.00	.00	.00	.00	.82
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.04	.00	.00	.00	.00	.00	.07
6.1- 8.0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1

Table 2.3-58— {SSES 197' (60-m) 2001-2006 December JFD - continued}

(Page 2 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS G** **CLASS FREQUENCY (PERCENT) = 8.18**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.27	.00	.00	.00	.00	.00	.00	.00	.27
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.1-40.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	23	76	69	40	22	18	10	15	19	28	29	11	1	0	0	4	0	365
(1)	6.30	20.82	18.90	10.96	6.03	4.93	2.74	4.11	5.21	7.67	7.95	3.01	.27	.00	.00	1.10	.00	100.00
(2)	.52	1.70	1.55	.90	.49	.40	.22	.34	.43	.63	.65	.25	.02	.00	.00	.09	.00	8.18

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-58— {SSES 197' (60-m) 2001-2006 December JFD - continued}

(Page 1 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.2- .4	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.02	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.00	.00	.02	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.07
.5- 1.0	13	18	57	56	39	38	33	34	24	18	9	2	5	0	4	6	0	356
(1)	.29	.40	1.28	1.25	.87	.85	.74	.76	.54	.40	.20	.04	.11	.00	.09	.13	.00	7.97
(2)	.29	.40	1.28	1.25	.87	.85	.74	.76	.54	.40	.20	.04	.11	.00	.09	.13	.00	7.97
1.1- 1.5	9	68	95	46	29	18	30	52	42	46	35	10	6	2	2	4	0	494
(1)	.20	1.52	2.13	1.03	.65	.40	.67	1.16	.94	1.03	.78	.22	.13	.04	.04	.09	.00	11.07
(2)	.20	1.52	2.13	1.03	.65	.40	.67	1.16	.94	1.03	.78	.22	.13	.04	.04	.09	.00	11.07
1.6- 2.0	28	90	53	14	11	9	9	17	30	59	57	19	6	9	2	6	0	419
(1)	.63	2.02	1.19	.31	.25	.20	.20	.38	.67	1.32	1.28	.43	.13	.20	.04	.13	.00	9.39
(2)	.63	2.02	1.19	.31	.25	.20	.20	.38	.67	1.32	1.28	.43	.13	.20	.04	.13	.00	9.39
2.1- 3.0	73	107	69	32	20	18	31	23	29	82	129	60	19	17	12	14	0	735
(1)	1.64	2.40	1.55	.72	.45	.40	.69	.52	.65	1.84	2.89	1.34	.43	.38	.27	.31	.00	16.47
(2)	1.64	2.40	1.55	.72	.45	.40	.69	.52	.65	1.84	2.89	1.34	.43	.38	.27	.31	.00	16.47
3.1- 4.0	31	42	35	12	5	9	19	23	27	43	118	66	29	19	29	26	0	533
(1)	.69	.94	.78	.27	.11	.20	.43	.52	.60	.96	2.64	1.48	.65	.43	.65	.58	.00	11.94
(2)	.69	.94	.78	.27	.11	.20	.43	.52	.60	.96	2.64	1.48	.65	.43	.65	.58	.00	11.94
4.1- 5.0	27	25	35	9	5	3	9	11	13	47	104	115	45	30	71	60	0	609
(1)	.60	.56	.78	.20	.11	.07	.20	.25	.29	1.05	2.33	2.58	1.01	.67	1.59	1.34	.00	13.64
(2)	.60	.56	.78	.20	.11	.07	.20	.25	.29	1.05	2.33	2.58	1.01	.67	1.59	1.34	.00	13.64
5.1- 6.0	19	17	16	3	3	5	6	6	2	26	78	140	46	36	53	61	0	517
(1)	.43	.38	.36	.07	.07	.11	.13	.13	.04	.58	1.75	3.14	1.03	.81	1.19	1.37	.00	11.58
(2)	.43	.38	.36	.07	.07	.11	.13	.13	.04	.58	1.75	3.14	1.03	.81	1.19	1.37	.00	11.58
6.1- 8.0	3	14	5	0	3	4	3	5	2	27	39	310	60	42	53	61	0	631

Table 2.3-58— {SSES 197' (60-m) 2001-2006 December JFD - continued}
(Page 2 of 2)

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA **STABILITY CLASS ALL** **CLASS FREQUENCY (PERCENT) = 100.00**

WIND DIRECTION FROM

SPEED m/s	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
(1)	.07	.31	.11	.00	.07	.09	.07	.11	.04	.60	.87	6.94	1.34	.94	1.19	1.37	.00	14.14
(2)	.07	.31	.11	.00	.07	.09	.07	.11	.04	.60	.87	6.94	1.34	.94	1.19	1.37	.00	14.14
8.1-10.0	0	0	1	0	0	4	3	4	1	4	6	71	24	5	4	1	0	128
(1)	.00	.00	.02	.00	.00	.09	.07	.09	.02	.09	.13	1.59	.54	.11	.09	.02	.00	2.87
(2)	.00	.00	.02	.00	.00	.09	.07	.09	.02	.09	.13	1.59	.54	.11	.09	.02	.00	2.87
10.1-40.3	0	0	0	0	1	1	0	0	4	5	0	22	6	0	0	0	0	39
(1)	.00	.00	.00	.00	.02	.02	.00	.00	.09	.11	.00	.49	.13	.00	.00	.00	.00	.87
(2)	.00	.00	.00	.00	.02	.02	.00	.00	.09	.11	.00	.49	.13	.00	.00	.00	.00	.87
ALL SPEEDS	203	381	366	172	117	110	143	175	175	357	575	815	246	160	230	239	0	4464
(1)	4.55	8.53	8.20	3.85	2.62	2.46	3.20	3.92	3.92	8.00	12.88	18.26	5.51	3.58	5.15	5.35	.00	100.00
(2)	4.55	8.53	8.20	3.85	2.62	2.46	3.20	3.92	3.92	8.00	12.88	18.26	5.51	3.58	5.15	5.35	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD

Table 2.3-59— {Input Used to Determine JFD's}

Parameter	Value(s)
Anemometer starting speed	0.5 miles per hour
Temperature sensor separation	60m - 10m or 50 meters
Wind instrument heights	33’ (10 m), 197’ (60 m)
Meteorological channel units of measure	Wind speed miles per hour, Wind direction degrees from True North, Delta-Temperature degrees Fahrenheit per sensor separation in feet
Order of data channels in meteorological data	Wind speed (10m, 60m), wind direction (10m, 60m), temperature, dew point temperature, delta temperature (60m-10m), precipitation

Table 2.3-60— {Monthly Mean Wind Speed and Prevailing Wind Direction (tens of degrees) for Sites Around Bell Bend Nuclear Power Plant}

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	mph	8.1	8.3	8.7	8.4	7.6	6.8	6.5	6.2	6.6	7.0	7.7	7.8	7.5
	deg	240	250	330	350	230	240	250	110	230	240	240	240	240
Allentown, PA	mph	8.8	9.1	9.6	9.1	8.2	7.4	6.7	6.2	6.6	7.1	7.9	8.3	7.9
	deg	280	280	300	330	240	250	240	240	240	250	250	270	280
Williamsport, PA	mph	8.1	8.1	8.3	8.1	7.0	6.3	5.8	5.3	5.6	6.0	7.2	7.4	6.9
	deg	280	280	280	280	280	280	280	280	280	280	280	280	280

Table 2.3-61— {Monthly Maximum Two-Minute Wind Speed and Direction (tens of degrees) for Sites Around Bell Bend Nuclear Power Plant}

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	mph	36	38	39	34	45	36	39	46	45	36	40	43	46
	deg	230	260	280	260	310	290	360	250	320	280	270	260	250
Allentown, PA	mph	43	38	46	40	53	33	38	32	35	35	39	39	53
	deg	190	290	80	270	250	340	250	300	70	270	270	200	250
Williamsport, PA	mph	43	45	43	39	47	45	33	37	44	40	43	39	47
	deg	240	260	240	260	250	250	220	360	250	260	250	260	250

Table 2.3-62— {Monthly Maximum Five-Second Wind Speed and Direction (tens of degrees) for Sites Around Bell Bend Nuclear Power Plant}

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	mph	49	47	53	45	55	45	47	55	51	48	52	55	55
	deg	130	270	250	250	310	310	10	230	350	280	260	200	200
Allentown, PA	mph	53	53	56	53	68	46	47	40	47	48	51	51	68
	deg	160	340	80	260	250	300	250	290	160	290	300	200	250
Williamsport, PA	mph	49	59	55	51	67	59	60	58	52	54	56	53	67
	deg	270	260	250	310	250	260	280	270	110	280	260	290	250

Table 2.3-63— {SSES 33' (10-m) Wind Direction Persistence Summary for 2001}

(Page 1 of 2)

SSES JAN01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

DIRECTION PERSISTENCE (HOURS)

DIRECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
N	149	48	19	14	10	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	246
	61	80	88	93	98	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	198	58	25	7	11	6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	306
	65	84	92	94	98	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NE	333	93	23	7	3	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	462
	72	92	97	99	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	385	125	52	34	18	22	8	4	8	3	3	2	4	1	1	0	0	0	0	0	0	0	0	0	0	670
	57	76	84	89	92	95	96	97	98	98	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	
E	394	96	28	13	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	535
	74	92	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	274	43	8	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	330
	83	96	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	253	39	12	8	3	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	319
	79	92	95	98	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	216	32	17	9	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	281
	77	88	94	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	245	76	21	12	5	5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	365
	67	88	94	97	98	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	249	70	40	12	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	377
	66	85	95	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SW	233	92	52	32	12	7	2	5	0	1	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	440
	53	74	86	93	96	97	98	99	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	
WSW	159	55	21	7	7	5	3	2	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	263
	60	81	89	92	95	97	98	98	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	

Table 2.3-63— {SSES 33' (10-m) Wind Direction Persistence Summary for 2001}

(Page 2 of 2)

SSES JAN01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
W	99	27	8	3	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	142
	70	89	94	96	97	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	92	18	6	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	118
	78	93	98	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	101	38	11	10	3	6	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	172
	59	81	87	93	95	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNW	114	31	18	9	6	3	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	187
	61	78	87	92	95	97	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	3494	941	361	180	92	63	26	15	14	9	6	4	5	1	1	1	0	0	0	0	0	0	0	0	0	5213

Table 2.3-64— {SSES 33' (10-m) Wind Direction Persistence Summary for 2002}

(Page 1 of 2)

SSES JAN02-DEC02 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																								
DIRECTION	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	136	33	23	13	10	4	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	223
	61	76	86	92	96	98	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	193	78	31	14	5	4	3	0	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	333
	58	81	91	95	96	98	98	98	99	99	99	99	100	100	100	100	100	100	100	100	100	100	100	100	100	
NE	366	78	28	13	6	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	494
	74	90	96	98	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	310	98	45	22	12	13	7	9	6	9	4	3	1	2	0	0	0	0	0	0	0	0	0	0	0	541
	57	75	84	88	90	92	94	95	96	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	
E	348	75	20	4	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	449
	78	94	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	271	36	9	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	320
	85	96	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	251	27	9	5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	295
	85	94	97	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	206	52	13	8	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	282
	73	91	96	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	259	58	27	15	4	5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	371
	70	85	93	97	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	304	74	30	11	10	3	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	441
	69	86	93	95	97	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SW	236	96	65	27	16	14	12	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	468
	50	71	85	91	94	97	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
WSW	193	65	16	10	6	5	7	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	305
	63	85	90	93	95	97	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 2.3-64— {SSES 33' (10-m) Wind Direction Persistence Summary for 2002}

(Page 2 of 2)

SSES JAN02-DEC02 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
W	117	32	11	7	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	172
	68	87	93	97	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	85	26	4	1	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	120
	71	93	96	97	98	98	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	95	22	10	6	3	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
	66	82	89	93	95	97	97	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNW	88	34	14	6	8	3	3	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	161
	55	76	84	88	93	95	97	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	3458	884	355	163	88	58	44	22	15	14	6	5	3	2	0	0	0	0	0	0	0	0	0	0	1	5118

Table 2.3-65— {SSES 33' (10-m) Wind Direction Persistence Summary for 2003}

(Page 1 of 2)

SSES JAN03-DEC03 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	114	33	18	8	5	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	186
	61	79	89	93	96	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	226	85	32	13	10	1	4	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	376
	60	83	91	95	97	98	99	100	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	
NE	366	110	42	17	15	5	6	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	565
	65	84	92	95	97	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	324	95	44	33	15	16	10	4	3	5	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	558
	58	75	83	89	92	94	96	97	97	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
E	372	68	19	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	464
	80	95	99	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	261	51	10	6	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	332
	79	94	97	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	286	44	28	8	7	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	375
	76	88	95	98	99	100	100	100	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	
SSE	239	36	15	8	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	302
	79	91	96	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	258	70	20	5	1	3	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	361
	71	91	96	98	98	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	263	85	34	13	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	396
	66	88	96	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SW	202	96	28	24	13	8	12	2	0	3	1	2	0	0	0	0	0	0	0	1	0	0	0	0	0	392
	52	76	83	89	93	95	98	98	98	99	99	100	100	100	100	100	100	100	100	100	0	0	0	0	0	
WSW	161	59	34	9	12	1	3	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	283
	57	78	90	93	97	98	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 2.3-65— {SSES 33' (10-m) Wind Direction Persistence Summary for 2003}

(Page 2 of 2)

SSES JAN03-DEC03 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

DIRECTION PERSISTENCE (HOURS)

DIRECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
W	109	28	12	3	6	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	160
	68	86	93	95	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	80	33	4	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	123
	65	92	95	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	81	33	15	3	0	1	2	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	137
	59	83	94	96	96	97	99	99	99	99	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	
NNW	66	28	10	10	3	1	2	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	128
	52	73	81	89	91	92	94	96	98	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	3408	954	365	168	94	43	47	21	6	13	7	7	1	0	2	1	0	0	0	1	0	0	0	0	0	5138

Table 2.3-66— {SSES 33' (10-m) Wind Direction Persistence Summary for 2004}

(Page 1 of 2)

SSES JAN04-DEC04 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	154	44	20	15	5	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	243
	63	81	90	96	98	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	257	75	46	23	13	5	7	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	429
	60	77	88	93	97	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NE	416	126	42	14	12	6	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	620
	67	87	94	96	98	99	100	100	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	
ENE	320	104	42	23	24	18	10	6	0	5	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	555
	58	76	84	88	92	96	97	99	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	
E	355	65	16	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	444
	80	95	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	251	37	6	4	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	302
	83	95	97	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	232	42	12	5	4	4	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	301
	77	91	95	97	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	209	38	10	5	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	268
	78	92	96	98	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	233	57	23	9	4	6	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	335
	70	87	93	96	97	99	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	277	81	13	12	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	388
	71	92	96	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SW	213	93	40	31	14	9	10	5	5	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	423
	50	72	82	89	92	95	97	98	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
WSW	174	37	22	10	4	2	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	254
	69	83	92	96	97	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 2.3-66— {SSES 33' (10-m) Wind Direction Persistence Summary for 2004}
(Page 2 of 2)

SSES JAN04-DEC04 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
W	100	19	8	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	131
	76	91	97	97	98	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	77	17	8	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106
	73	89	96	96	96	96	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	92	24	14	8	2	2	1	2	4	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	153
	60	76	85	90	92	93	93	95	97	97	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	
NNW	92	32	23	9	8	1	2	2	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	172
	53	72	85	91	95	96	97	98	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	3452	891	345	176	103	54	42	20	17	9	2	4	6	2	1	0	0	0	0	0	0	0	0	0	0	5124

Table 2.3-67— {SSES 33' (10-m) Wind Direction Persistence Summary for 2005}

(Page 1 of 2)

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																								
DIRECTION	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	161	49	21	20	9	5	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	274
	59	77	84	92	95	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	243	71	23	13	10	4	5	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	374
	65	84	90	94	96	97	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NE	388	100	30	16	6	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	546
	71	89	95	98	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	313	124	47	33	24	11	12	10	3	2	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	587
	53	74	82	88	92	94	96	98	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
E	380	74	20	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	480
	79	95	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	240	38	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	291
	82	96	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	243	41	19	6	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	314
	77	90	96	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	220	27	8	6	4	0	2	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	270
	81	91	94	97	98	98	99	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
S	241	48	17	13	5	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	328
	73	88	93	97	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	240	93	31	12	8	3	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	392
	61	85	93	96	98	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SW	230	71	44	33	8	7	5	3	1	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	406
	57	74	85	93	95	97	98	99	99	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	
WSW	156	51	13	17	4	4	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	247
	63	84	89	96	98	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 2.3-67— {SSES 33' (10-m) Wind Direction Persistence Summary for 2005}
(Page 2 of 2)

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY
DIRECTION PERSISTENCE (HOURS)

DIRECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
W	104	37	15	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	162
	64	87	96	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	86	24	11	5	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	129
	67	85	94	98	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	90	25	9	10	5	5	1	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	149
	60	77	83	90	93	97	97	97	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNW	109	33	9	15	7	3	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	180
	61	79	84	92	96	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	3444	906	326	211	95	50	39	23	9	10	8	5	2	0	0	1	0	0	0	0	0	0	0	0	0	5129

Table 2.3-68— {SSES 33' (10-m) Wind Direction Persistence Summary for 2006}

(Page 1 of 2)

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	146	53	28	12	7	4	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	254
	57	78	89	94	97	98	98	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	221	76	31	18	6	4	3	2	1	1	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	366
	60	81	90	95	96	97	98	99	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	
NE	379	93	36	17	8	3	2	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	541
	70	87	94	97	99	99	99	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	
ENE	333	103	41	24	18	11	10	10	4	5	2	0	1	1	1	0	0	0	0	0	0	0	0	0	0	564
	59	77	85	89	92	94	96	98	98	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	
E	354	58	14	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	430
	82	96	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	240	41	13	5	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	301
	80	93	98	99	99	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	220	35	13	6	4	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	281
	78	91	95	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	200	44	14	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263
	76	93	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	250	65	14	10	3	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	349
	72	90	94	97	98	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	278	78	29	10	4	6	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	407
	68	87	95	97	98	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SW	204	71	44	35	13	11	9	7	2	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	399
	51	69	80	89	92	95	97	99	99	99	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	
WSW	154	41	26	8	7	3	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	241
	64	81	92	95	98	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	

Table 2.3-68— {SSES 33' (10-m) Wind Direction Persistence Summary for 2006}

(Page 2 of 2)

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
W	126	30	8	5	2	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	174
	72	90	94	97	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	101	25	9	8	6	2	1	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	156
	65	81	87	92	96	97	97	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	121	31	15	7	2	5	1	3	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	189
	64	80	88	92	93	96	96	98	98	98	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	
NNW	103	32	23	11	8	0	4	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	184
	56	73	86	92	96	96	98	98	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	3430	876	358	181	91	57	35	29	13	7	7	3	3	3	4	2	0	0	0	0	0	0	0	0	0	5099

Table 2.3-69— {SSES 33' (10-m) Average Wind Direction Persistence Summary for Years 2001-2006}
(Page 1 of 2)

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

DIRECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
N	172	52	25.8	16.4	9.2	3.8	2.8	1.8	0.4	0.6	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	285.2
	72.4	94.2	105.2	112	116	117.4	118.6	119.4	59.6	60	40	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NNE	267.6	88.6	37.6	17.6	11	4.8	4.4	2.2	0.6	1.2	0.4	0	0.2	0	0.2	0.2	0	0	0	0	0	0	0	0	0.2	436.8
	73.6	98	108.4	113.2	116	117.6	118.6	119.2	119.4	119.6	59.8	59.8	60	60	60	40	20	20	20	20	20	20	20	20	20	0
NE	449.6	120	40.2	16.8	10	3.4	2.4	1.2	0.6	0.4	0	0.4	0	0.4	0.2	0	0	0	0	0	0	0	0	0	0	645.6
	83.8	105.8	113.6	116.6	118.2	118.6	119.6	120	120	100	60	60	40	40	20	0	0	0	0	0	0	0	0	0	0	0
ENE	397	129.8	54.2	33.8	22.2	18.2	11.4	8.6	4.8	5.8	3.6	2.2	2	1	0.4	0	0	0	0	0	0	0	0	0	0	695
	68.4	90.6	100.4	106.2	110	113	115	116.8	117.2	118.2	118.8	119.2	120	80	40	0	0	0	0	0	0	0	0	0	0	0
E	440.6	87.2	23.4	7.2	1	0.6	0.2	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	560.4
	94.6	113.4	118.2	119.8	100	80	40	20	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESE	307.4	49.2	11	4.6	1.6	0.2	0.6	0.2	0.2	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	375.2
	98.4	114	117.6	119	99.6	99.6	79.8	40	40	20	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	297	45.6	18.6	7.6	4.2	1.8	1.2	0	0.6	0.2	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	377
	94.4	109.2	114.6	117.6	118.6	119.2	119.6	59.6	60	40	20	20	20	20	20	0	0	0	0	0	0	0	0	0	0	0
SSE	258	45.8	15.4	7.6	3.8	1	0.8	0	0	0.4	0.2	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	333.2
	92.8	109.2	114.8	118	119.2	119.6	79.8	39.8	39.8	39.8	20	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0
S	297.2	74.8	24.4	12.8	4.4	5.2	1.2	0.6	0.4	0.6	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	421.8
	84.6	105.8	112.6	116.4	117.6	119.2	119.4	99.8	100	80	20	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0
SSW	322.2	96.2	35.4	14	5.8	2.6	1.8	1	0.8	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	480.2
	80.2	104.6	113.6	117	118.4	119.2	119.6	79.8	79.8	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SW	263.6	103.8	54.6	36.4	15.2	11.2	10	4.6	1.6	1	0.8	1.2	0.6	0	0.2	0.6	0	0	0	0.2	0	0	0	0	0	505.6
	62.6	87.2	100.2	108.8	112.4	115.2	117.6	118.6	118.8	119	119.4	119.8	119.8	79.8	80	80	20	20	20	20	0	0	0	0	0	0
WSW	199.4	61.6	26.4	12.2	8	4	3.2	1.4	1.2	0.4	0.2	0.2	0.4	0	0	0	0	0	0	0	0	0	0	0	0	318.6
	75.2	98.4	108.4	113	116	117.6	118.8	119.2	120	120	80	60	40	0	0	0	0	0	0	0	0	0	0	0	0	0
W	131	34.6	12.4	4.4	2.8	1	1	0.2	0.6	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	188.2
	83.6	106	113.4	116.2	117.8	118.6	99.2	79.2	79.8	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-69— {SSES 33' (10-m) Average Wind Direction Persistence Summary for Years 2001-2006}

(Page 2 of 2)

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

DIRECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
WNW	104.2	28.6	8.4	3.6	2.4	0.6	1	1	0.4	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	150.4
	83.8	106.6	113.2	115.8	117.4	97.8	98.6	79.6	39.8	19.8	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NW	116	34.6	14.8	8.8	3	4.4	1.2	2	1.4	0.2	0.6	0.8	0.2	0	0.4	0.2	0	0	0	0	0	0	0	0	0	188.6
	73.6	95.8	105.2	110.8	112.8	115.6	116.2	117.6	98.4	98.4	98.8	59.4	59.6	39.6	39.8	20	0	0	0	0	0	0	0	0	0	0
NNW	114.4	38	19.4	12	8	2.2	3.4	1.2	1.2	1	0.8	0.4	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	202.4
	67.6	90.2	101.4	108.8	113.2	114.8	116.8	117.6	118.4	118.8	99.2	79.6	39.8	20	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4137.2	1090.4	422	215.8	112.6	65	46.6	26	14.8	12.4	7.2	5.6	4	1.6	1.6	1	0	0	0	0.2	0	0	0	0	0.2	6164.2

Table 2.3-70— {SSES 60m Wind Direction Persistence Summary for 2001}

(Page 1 of 2)

SSES JAN01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
N	165	67	32	17	8	8	3	3	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	306
	54	76	86	92	94	97	98	99	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	
NNE	271	104	48	35	33	13	6	10	8	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	532
	51	70	80	86	92	95	96	98	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
NE	303	116	43	13	6	4	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	489
	62	86	94	97	98	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	245	35	14	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	298
	82	94	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	174	35	7	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	223
	78	94	97	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	183	27	5	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	220
	83	95	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	175	42	11	4	3	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	238
	74	91	96	97	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	192	29	16	10	4	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	256
	75	86	93	96	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	233	59	21	7	7	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	333
	70	88	94	96	98	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	251	79	24	18	5	8	2	1	3	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	395
	64	84	90	94	95	97	98	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
SW	266	103	54	29	16	8	2	3	4	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	488
	55	76	87	93	96	98	98	99	99	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	
WSW	191	66	26	23	16	10	4	3	3	1	0	1	0	1	0	1	0	0	0	1	0	1	0	0	2	350
	55	73	81	87	92	95	96	97	98	98	98	98	98	99	99	99	99	99	99	99	99	99	99	99	100	

Table 2.3-70— {SSES 60m Wind Direction Persistence Summary for 2001}

(Page 2 of 2)

SSES JAN01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
W	116	36	9	8	3	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	176
	66	86	91	96	98	98	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	94	27	8	8	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	141
	67	86	91	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	85	44	19	5	6	4	2	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	169
	50	76	88	91	94	96	98	98	98	98	98	98	99	99	99	100	0	0	0	0	0	0	0	0	0	
NNW	95	28	18	9	5	4	5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	165
	58	75	85	91	94	96	99	99	99	99	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	
TOTAL	3039	897	355	197	118	68	31	24	20	8	6	2	3	2	1	4	0	0	0	1	0	1	0	0	2	4779

PERSISTENCE GREATER THAN 24 HOURS

DIRECTION	HOURS	NUMBER	DIRECTION	HOURS	NUMBER
WSW	25	0	WSW	31	0
WSW	26	0	WSW	32	0
WSW	27	0	WSW	33	1
WSW	28	0	WSW	34	0
WSW	29	0	WSW	35	0
WSW	30	0	WSW	36	1

Table 2.3-71— {SSES 60m Wind Direction Persistence Summary for 2002}

(Page 1 of 2)

SSES JAN02-DEC02 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	153	39	25	17	15	4	5	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263
	58	73	83	89	95	96	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	244	94	54	29	15	14	11	5	5	1	3	3	1	0	2	0	0	0	0	0	0	0	0	0	1	482
	51	70	81	87	90	93	96	97	98	98	99	99	99	99	100	100	100	100	100	100	100	100	100	100	100	
NE	284	103	38	15	15	4	3	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	465
	61	83	91	95	98	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	208	43	8	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	262
	79	96	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	151	29	10	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	194
	78	93	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	149	26	8	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	186
	80	94	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	149	34	9	4	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200
	75	92	96	98	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	142	43	13	6	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	210
	68	88	94	97	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	229	58	31	10	7	4	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	341
	67	84	93	96	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	273	69	32	18	6	6	2	3	1	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	414
	66	83	90	95	96	98	98	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
SW	286	125	52	32	21	13	3	5	2	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	542
	53	76	85	91	95	98	98	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	
WSW	210	95	59	26	16	16	7	5	1	2	2	2	1	0	0	1	0	0	0	0	0	0	0	0	1	444
	47	69	82	88	91	95	97	98	98	98	99	99	100	100	100	100	100	100	100	100	100	100	100	100	100	

Table 2.3-71— {SSES 60m Wind Direction Persistence Summary for 2002}

(Page 2 of 2)

SSES JAN02-DEC02 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
W	118	39	15	12	4	1	4	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	197
	60	80	87	93	95	96	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	96	29	7	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	137
	70	91	96	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	84	24	14	12	3	3	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	145
	58	74	84	92	94	97	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNW	88	46	10	11	7	0	5	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	170
	52	79	85	91	95	95	98	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2864	896	385	199	119	67	46	28	12	9	8	8	5	1	2	1	0	0	0	0	0	0	0	0	2	4652

PERSISTENCE GREATER THAN 24 HOURS

DIRECTION	HOURS	NUMBER
NNE	25	0
NNE	26	1

DIRECTION	HOURS	NUMBER
WSW	25	0
WSW	26	0
WSW	27	0
WSW	28	1

Table 2.3-72— {SSES 60m Wind Direction Persistence Summary for 2003}

(Page 1 of 2)

SSES JAN03-DEC03 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	113	59	18	15	6	6	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	221
	51	78	86	93	95	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	222	106	60	34	27	18	13	7	4	5	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	499
	44	66	78	85	90	94	96	98	98	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	
NE	289	117	49	27	13	4	5	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	508
	57	80	90	95	97	98	99	100	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	
ENE	199	42	12	12	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	272
	73	89	93	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	193	34	7	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	239
	81	95	98	98	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	156	39	9	1	5	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	212
	74	92	96	97	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	212	41	9	7	4	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	275
	77	92	95	98	99	99	100	100	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	
SSE	207	41	10	7	4	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	274
	76	91	94	97	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	237	45	17	15	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	319
	74	88	94	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	249	83	24	15	6	3	4	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	386
	65	86	92	96	98	98	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
SW	244	127	49	32	19	9	6	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	490
	50	76	86	92	96	98	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WSW	184	70	50	26	19	8	6	1	3	3	1	0	2	0	1	1	0	0	1	1	0	1	0	0	2	380
	48	67	80	87	92	94	96	96	97	97	98	98	98	98	98	99	99	99	99	99	99	99	99	99	100	

Table 2.3-72— {SSES 60m Wind Direction Persistence Summary for 2003}

(Page 2 of 2)

SSES JAN03-DEC03 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
W	111	35	17	11	8	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	186
	60	78	88	94	98	98	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	97	21	15	6	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	141
	69	84	94	99	99	99	99	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	
NW	76	26	8	8	5	4	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	130
	58	78	85	91	95	98	98	99	99	99	99	99	99	99	99	99	99	100	0	0	0	0	0	0	0	
NNW	66	23	13	5	7	2	0	4	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	123
	54	72	83	87	93	94	94	98	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2855	909	367	222	131	61	42	21	12	14	3	3	4	0	3	1	1	1	1	1	0	1	0	0	2	4655

PERSISTENCE GREATER THAN 24 HOURS

DIRECTION	HOURS	NUMBER	DIRECTION	HOURS	NUMBER
WSW	25	0	WSW	30	0
WSW	26	0	WSW	31	0
WSW	27	0	WSW	32	0
WSW	28	1	WSW	33	1
WSW	29	0			

Table 2.3-73— {SSES 60m Wind Direction Persistence Summary for 2004}

(Page 1 of 2)

SSES JAN04-DEC04 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	190	48	26	20	5	6	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	301
	63	79	88	94	96	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	259	118	66	43	30	21	6	4	5	2	2	4	1	0	0	0	0	0	0	0	0	0	1	0	0	562
	46	67	79	86	92	96	97	97	98	99	99	100	100	100	100	100	100	100	100	100	100	100	100	0	0	
NE	315	128	42	22	10	9	3	4	2	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	538
	59	82	90	94	96	98	98	99	99	100	100	100	100	100	100	100	100	100	100	100	100	0	0	0	0	
ENE	249	31	10	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	294
	85	95	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	180	34	12	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	229
	79	93	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	158	25	2	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	190
	83	96	97	98	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	163	26	9	5	5	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	212
	77	89	93	96	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	178	35	9	5	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	231
	77	92	96	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	216	40	17	10	6	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	292
	74	88	93	97	99	99	99	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	260	65	28	11	4	5	4	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	381
	68	85	93	96	97	98	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
SW	305	107	47	21	17	12	4	5	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	522
	58	79	88	92	95	98	98	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
WSW	186	69	36	18	15	9	8	2	3	6	2	2	1	1	2	0	0	0	0	0	0	0	0	0	1	361
	52	71	81	86	90	92	94	95	96	98	98	99	99	99	100	100	100	100	100	100	100	100	100	100	100	

Table 2.3-73— {SSES 60m Wind Direction Persistence Summary for 2004}

(Page 2 of 2)

SSES JAN04-DEC04 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY
DIRECTION PERSISTENCE (HOURS)

DIRECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
W	115	21	11	7	3	1	1	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	164
	70	83	90	94	96	96	97	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	84	23	7	5	3	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125
	67	86	91	95	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	75	27	17	5	8	2	3	2	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	144
	52	71	83	86	92	93	95	97	98	98	99	99	99	99	99	99	99	99	99	99	99	99	99	100	0	
NNW	83	32	14	6	7	2	3	0	2	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	153
	54	75	84	88	93	94	96	96	97	99	99	99	99	99	99	99	99	99	99	99	99	100	0	0	0	
TOTAL	3016	829	353	183	118	72	39	24	18	17	9	9	3	2	2	0	0	0	0	0	1	1	1	1	1	4699

PERSISTENCE GREATER THAN 24 HOURS

DIRECTION	HOURS	NUMBER
WSW	25	0
WSW	26	1

Table 2.3-74— {SSES 60m Wind Direction Persistence Summary for 2005}

(Page 1 of 2)

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	137	57	28	15	9	7	5	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263
	52	74	84	90	94	96	98	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	234	93	55	21	13	17	11	9	2	6	3	2	1	2	0	1	0	0	0	1	0	0	0	0	1	472
	50	69	81	85	88	92	94	96	96	98	98	99	99	99	99	100	100	100	100	100	100	100	100	100	100	
NE	267	88	24	14	6	5	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	411
	65	86	92	96	97	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	180	39	6	4	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	232
	78	94	97	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	147	26	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	181
	81	96	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	141	26	9	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	179
	79	93	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	129	30	8	12	5	2	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	189
	68	84	88	95	97	98	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	128	23	24	7	0	3	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	187
	68	81	94	97	97	99	99	99	99	99	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	
S	164	37	15	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	222
	74	91	97	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	181	60	23	7	5	3	4	0	2	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	287
	63	84	92	94	96	97	99	99	99	99	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	
SW	182	76	37	14	6	6	5	2	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	331
	55	78	89	93	95	97	98	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
WSW	142	62	26	18	15	4	5	2	2	2	1	0	2	0	2	0	1	1	0	1	0	0	0	0	0	286
	50	71	80	87	92	93	95	96	97	97	98	98	98	98	99	99	99	100	100	100	0	0	0	0	0	

Table 2.3-74— {SSES 60m Wind Direction Persistence Summary for 2005}

(Page 2 of 2)

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
W	104	45	11	8	6	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	179
	58	83	89	94	97	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	77	30	7	5	2	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125
	62	86	91	95	97	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	94	26	12	5	2	4	3	2	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	152
	62	79	87	90	91	94	96	97	97	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	
NNW	77	31	10	6	6	1	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	138
	56	78	86	90	94	95	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2384	749	298	142	79	61	43	28	9	12	6	6	5	2	2	2	2	1	0	2	0	0	0	0	1	3834

PERSISTENCE GREATER THAN 24 HOURS

DIRECTION	HOURS	NUMBER
WSW	25	0
WSW	26	0
WSW	27	1

Table 2.3-75— {SSES 60m Wind Direction Persistence Summary for 2006}

(Page 1 of 3)

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

DIRECTION PERSISTENCE (HOURS)

DIRECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
N	188	69	25	18	10	9	5	1	3	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	330
	57	78	85	91	94	97	98	98	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	265	95	67	36	21	14	13	6	5	3	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	531
	50	68	80	87	91	94	96	97	98	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	
NE	295	102	42	15	11	4	4	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	477
	62	83	92	95	97	98	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	209	37	8	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	259
	81	95	98	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	157	30	12	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	204
	77	92	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	137	28	6	3	1	0	0	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	179
	77	92	96	97	98	98	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	150	28	12	5	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200
	75	89	95	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	163	31	7	5	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208
	78	93	97	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	182	52	12	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	254
	72	92	97	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	251	61	27	12	11	2	1	0	0	1	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	370
	68	84	92	95	98	98	99	99	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	
SW	263	107	69	27	17	10	2	6	1	0	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	506
	52	73	87	92	95	97	98	99	99	99	99	100	100	100	100	100	100	100	100	0	0	0	0	0	0	
WSW	227	84	40	24	16	14	5	4	4	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	423
	54	74	83	89	92	96	97	98	99	99	99	99	99	100	100	100	100	100	100	100	100	100	100	100	100	

Table 2.3-75— {SSES 60m Wind Direction Persistence Summary for 2006}

(Page 2 of 3)

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

DIRECTION PERSISTENCE (HOURS)

DIRECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
W	133	39	17	6	7	3	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	210
	63	82	90	93	96	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	97	38	15	10	5	1	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	170
	57	79	88	94	97	98	99	99	99	99	99	99	99	99	99	99	99	99	99	100	0	0	0	0	0	
NW	94	36	22	10	3	5	1	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	176
	53	74	86	92	94	97	97	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	100	0	0	
NNW	105	36	15	13	6	1	1	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	181
	58	78	86	93	97	97	98	98	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2916	873	396	197	115	65	38	27	16	10	4	5	3	4	4	0	0	0	1	1	0	0	1	0	2	4678

PERSISTENCE GREATER THAN 24 HOURS

DIRECTION	HOURS	NUMBER
WSW	25	1
	26	0
	27	0
	28	0
	29	0
	30	0
	31	0
	32	0
	33	0
	34	0
	35	0
	36	0
	37	0

Table 2.3-75— {SSES 60m Wind Direction Persistence Summary for 2006}

(Page 3 of 3)

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

DIRECTION PERSISTENCE (HOURS)

DIRECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
					38		0																			
					39		0																			
					40		0																			
					41		0																			
					42		0																			
					43		0																			
					44		0																			
					45		0																			
					46		0																			
					47		1																			

Table 2.3-76— {SSES 197' (60-m) Average Wind Direction Persistence Summary for Years 2001-2006}

(Page 1 of 2)

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

DIRECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
N	189.2	67.8	30.8	20.4	10.6	8	4.4	2.6	0.6	1.6	0.2	0	0.4	0.2	0	0	0	0	0	0	0	0	0	0	0	336.8
	67	91.6	102.4	109.8	113.6	116.4	118	119	119.2	119.8	59.8	39.8	40	20	0	0	0	0	0	0	0	0	0	0	0	0
NNE	299	122	70	39.6	27.8	19.4	12	8.2	5.8	3.4	2.4	2.6	0.8	0.4	1	0.2	0.2	0	0	0.2	0	0	0.2	0	0.4	615.6
	58.4	82	95.8	103.2	108.6	112.8	115	116.6	117.4	118.4	118.8	119.4	119.4	99.4	99.8	80	80	60	60	60	60	60	60	40	40	0
NE	350.6	130.8	47.6	21.2	12.2	6	4.2	2.8	0.6	0.4	0.4	0.2	0	0.2	0.2	0	0	0	0	0	0.2	0	0	0	0	577.6
	73.2	100	109.8	114.4	116.6	118	118.8	119.8	119.8	120	100	60	40	40	40	20	20	20	20	20	20	0	0	0	0	0
ENE	258	45.4	11.6	4.8	1.6	1.2	0.4	0	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	323.4
	95.6	112.6	117	118.4	119.6	120	80	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	200.4	37.6	10.2	3.4	1.6	0.4	0	0	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	254
	94.8	112.6	117.4	119	119.6	39.8	19.8	19.8	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESE	184.8	34.2	7.8	2	1.8	0.6	0.6	0.8	0.4	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	233.2
	95.2	112.4	116.6	117.8	118.6	118.8	99.2	79.6	39.8	19.8	19.8	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	195.6	40.2	11.6	7.4	4.4	1.4	1	0	0.4	0	0.2	0.4	0	0	0.2	0	0	0	0	0	0	0	0	0	0	262.8
	89.2	107.4	112.6	116.4	118.2	119.2	119.8	99.8	99.8	59.8	59.8	40	20	20	20	0	0	0	0	0	0	0	0	0	0	0
SSE	202	40.4	15.8	8	2.8	1.4	1.4	0.6	0.6	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	273.2
	88.4	106.2	113.6	116.8	118	119	119.6	79.6	59.8	19.8	19.8	19.8	19.8	19.8	19.8	20	0	0	0	0	0	0	0	0	0	0
S	252.2	58.2	22.6	10.2	5	1.8	0.8	0.6	0	0.4	0.2	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	352.2
	86.2	106.2	113.6	117	118.6	99.2	79.4	59.6	39.6	39.8	20	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0
SSW	293	83.4	31.6	16.2	7.4	5.4	3.4	1.2	1.6	1	0.4	0.6	1	0.2	0	0	0.2	0	0	0	0	0	0	0	0	446.6
	78.8	101.2	109.8	114	116	117.2	118.4	118.6	119.2	119.4	119.6	119.6	60	40	20	20	20	0	0	0	0	0	0	0	0	0
SW	309.2	129	61.6	31	19.2	11.6	4.4	4.2	1.8	1.2	1	0.6	0.2	0.4	0	0.2	0	0	0.2	0	0	0	0	0	0	575.8
	64.6	91.6	104.4	110.6	114.4	117.2	117.8	118.8	118.8	119.6	119.8	100	60	60	40	40	20	20	20	0	0	0	0	0	0	0
WSW	228	89.2	47.4	27	19.4	12.2	7	3.4	3.2	3	1.2	1.2	1.2	0.6	1	0.6	0.2	0.2	0.2	0.6	0	0.4	0	0	1.6	448.8
	61.2	85	97.4	104.8	109.8	113	115	116	117	117.4	118	118.2	118.4	118.8	119.2	119.4	119.4	119.6	119.6	119.6	99.6	99.6	99.6	99.6	100	0
W	139.4	43	16	10.4	6.2	1.6	1.8	2.4	0.2	1	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	222.4
	75.4	98.4	107	112.8	116	116.8	117.8	119.2	99.2	99.6	39.8	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2.3-76— {SSES 197' (60-m) Average Wind Direction Persistence Summary for Years 2001-2006}

(Page 2 of 2)

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

DIRECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
WNW	109	33.6	11.8	7.4	3	1.4	0.4	0.4	0.2	0.2	0	0	0.2	0	0	0	0	0	0	0.2	0	0	0	0	0	167.8
	78.4	102.4	110.2	115.8	117.8	118.8	99	99.2	79.4	59.6	39.6	39.6	39.8	19.8	19.8	19.8	19.8	19.8	19.8	20	0	0	0	0	0	0
NW	101.6	36.6	18.4	9	5.4	4.4	2.4	2	0.6	0.2	0.6	0.4	0.4	0	0.4	0.2	0	0.2	0	0	0	0	0.2	0.2	0	183.2
	66.6	90.4	102.6	108.4	112	115	116.4	117.8	98.2	98.4	98.8	98.8	99.2	79.2	79.2	79.4	59.4	59.6	39.6	39.6	39.6	39.6	39.8	20	0	0
NNW	102.8	39.2	16	10	7.6	2	3.6	1.2	0.8	1.4	0.4	0.2	0.2	0.2	0	0.2	0	0	0	0	0	0.2	0	0	0	186
	66.4	91.4	101.8	108	113.2	114.2	116.6	117.6	118.2	99	99	99.2	79.4	59.6	39.6	39.8	19.8	19.8	19.8	19.8	19.8	20	0	0	0	0
TOTAL	3414.8	1030.6	430.8	228	136	78.8	47.8	30.4	17.4	14	7.2	6.6	4.6	2.2	2.8	1.6	0.6	0.4	0.4	1	0.2	0.6	0.4	0.2	2	5459.4

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}

(Page 1 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2001	1	1	31.2	-0.4	18.9	-7.3	25.3	-3.7
2001	1	2	22.4	-5.3	11.9	-11.2	18.4	-7.6
2001	1	3	27.4	-2.6	16.2	-8.8	21.1	-6.1
2001	1	4	31.6	-0.2	19.5	-6.9	26.1	-3.3
2001	1	5	28.2	-2.1	15.1	-9.4	23.1	-5.0
2001	1	6	33.2	0.7	27.2	-2.7	29.7	-1.3
2001	1	7	38.7	3.7	23.3	-4.8	29.8	-1.3
2001	1	8	33.7	0.9	25.3	-3.7	29.1	-1.6
2001	1	9	31.5	-0.3	21.3	-5.9	25.2	-3.8
2001	1	10	31.3	-0.4	21.0	-6.1	26.0	-3.3
2001	1	11	41.5	5.3	26.0	-3.3	32.2	0.1
2001	1	12	37.7	3.2	16.3	-8.7	25.9	-3.4
2001	1	13	39.0	3.9	16.8	-8.4	25.7	-3.5
2001	1	14	37.2	2.9	18.4	-7.6	27.3	-2.6
2001	1	15	37.8	3.2	32.3	0.2	35.0	1.7
2001	1	16	39.5	4.2	33.7	0.9	36.3	2.4
2001	1	17	35.5	1.9	33.4	0.8	34.7	1.5
2001	1	18	34.8	1.6	30.7	-0.7	32.6	0.3
2001	1	19	35.1	1.7	32.2	0.1	33.7	0.9
2001	1	20	33.4	0.8	26.0	-3.3	30.9	-0.6
2001	1	21	28.3	-2.1	19.0	-7.2	22.5	-5.3
2001	1	22	30.2	-1.0	5.3	-14.8	18.2	-7.7
2001	1	23	31.4	-0.3	4.9	-15.1	17.3	-8.1
2001	1	24	36.7	2.6	16.4	-8.7	25.0	-3.9
2001	1	25	33.2	0.7	23.3	-4.8	29.8	-1.2
2001	1	26	29.5	-1.4	13.4	-10.3	22.2	-5.5
2001	1	27	35.3	1.8	25.8	-3.4	30.0	-1.1
2001	1	28	31.2	-0.4	24.7	-4.1	28.4	-2.0
2001	1	29	33.5	0.8	10.7	-11.8	23.6	-4.7
2001	1	30	39.9	4.4	29.7	-1.3	34.6	1.4
2001	1	31	41.2	5.1	32.7	0.4	36.8	2.7
2001	2	1	41.3	5.2	35.6	2.0	37.8	3.2
2001	2	2	41.2	5.1	24.7	-4.1	34.5	1.4
2001	2	3	27.9	-2.3	20.9	-6.2	23.8	-4.6
2001	2	4	37.2	2.9	16.3	-8.7	27.6	-2.5
2001	2	5	32.8	0.4	30.2	-1.0	31.9	0.0
2001	2	6	39.7	4.3	32.6	0.3	35.4	1.9
2001	2	7	40.3	4.6	31.4	-0.3	36.8	2.6
2001	2	8	40.0	4.4	23.6	-4.7	31.9	0.0
2001	2	9	53.6	12.0	34.6	1.4	41.3	5.2
2001	2	10	58.2	14.6	25.5	-3.6	42.4	5.8
2001	2	11	27.4	-2.6	20.0	-6.7	23.0	-5.0
2001	2	12	32.9	0.5	13.2	-10.4	23.1	-4.9
2001	2	13	47.0	8.3	30.4	-0.9	36.4	2.5
2001	2	14	43.4	6.3	28.9	-1.7	38.3	3.5
2001	2	15	42.6	5.9	32.2	0.1	37.2	2.9

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 2 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2001	2	16	35.7	2.1	29.2	-1.6	32.7	0.4
2001	2	17	35.7	2.1	19.7	-6.8	29.3	-1.5
2001	2	18	30.0	-1.1	16.0	-8.9	22.1	-5.5
2001	2	19	40.5	4.7	13.7	-10.2	28.6	-1.9
2001	2	20	52.9	11.6	30.5	-0.8	41.5	5.3
2001	2	21	46.3	7.9	20.2	-6.6	34.0	1.1
2001	2	22	19.7	-6.8	11.9	-11.2	16.3	-8.7
2001	2	23	36.0	2.2	17.1	-8.3	25.2	-3.8
2001	2	24	32.2	0.1	19.7	-6.8	26.9	-2.9
2001	2	25	47.7	8.7	30.3	-0.9	37.8	3.2
2001	2	26	47.1	8.4	34.6	1.4	40.5	4.7
2001	2	27	44.3	6.8	24.5	-4.2	34.9	1.6
2001	2	28	34.4	1.3	22.7	-5.2	29.1	-1.6
2001	3	1	34.5	1.4	19.2	-7.1	27.3	-2.6
2001	3	2	38.1	3.4	28.8	-1.8	32.8	0.5
2001	3	3	43.3	6.3	34.7	1.5	38.2	3.4
2001	3	4	33.7	0.9	29.6	-1.3	32.3	0.1
2001	3	5	30.8	-0.7	24.7	-4.1	27.7	-2.4
2001	3	6	33.5	0.8	18.6	-7.4	26.2	-3.2
2001	3	7	41.8	5.4	31.7	-0.2	35.9	2.2
2001	3	8	40.8	4.9	27.8	-2.3	34.0	1.1
2001	3	9	36.3	2.4	30.8	-0.7	33.6	0.9
2001	3	10	39.1	3.9	28.1	-2.2	32.7	0.4
2001	3	11	42.4	5.8	22.3	-5.4	33.2	0.7
2001	3	12	46.4	8.0	25.0	-3.9	36.0	2.2
2001	3	13	43.6	6.4	33.4	0.8	38.0	3.3
2001	3	14	44.4	6.9	32.7	0.4	40.1	4.5
2001	3	15	46.8	8.2	26.6	-3.0	36.4	2.4
2001	3	16	46.3	7.9	30.3	-0.9	38.7	3.7
2001	3	17	40.8	4.9	34.3	1.3	39.3	4.1
2001	3	18	41.1	5.1	31.2	-0.4	35.2	1.8
2001	3	19	47.4	8.6	29.8	-1.2	39.0	3.9
2001	3	20	51.6	10.9	25.8	-3.4	39.4	4.1
2001	3	21	44.1	6.7	37.2	2.9	40.6	4.8
2001	3	22	41.4	5.2	36.5	2.5	38.6	3.7
2001	3	23	52.3	11.3	35.2	1.8	44.4	6.9
2001	3	24	47.5	8.6	30.3	-0.9	39.5	4.2
2001	3	25	36.6	2.6	26.2	-3.2	30.4	-0.9
2001	3	26	30.4	-0.9	25.2	-3.8	27.5	-2.5
2001	3	27	35.4	1.9	19.0	-7.2	27.4	-2.6
2001	3	28	43.9	6.6	21.4	-5.9	32.2	0.1
2001	3	29	42.6	5.9	28.4	-2.0	36.0	2.2
2001	3	30	42.2	5.7	36.6	2.6	39.4	4.1
2001	3	31	41.7	5.4	33.7	0.9	38.2	3.4
2001	4	1	42.7	5.9	35.2	1.8	38.4	3.6
2001	4	2	43.3	6.3	35.5	1.9	39.4	4.1

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 3 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2001	4	3	49.1	9.5	26.6	-3.0	37.3	2.9
2001	4	4	53.8	12.1	29.0	-1.7	40.6	4.8
2001	4	5	59.6	15.3	27.6	-2.4	43.6	6.5
2001	4	6	48.2	9.0	38.7	3.7	43.9	6.6
2001	4	7	53.3	11.8	44.0	6.7	48.8	9.3
2001	4	8	56.9	13.8	40.0	4.4	46.7	8.2
2001	4	9	80.9	27.2	39.9	4.4	55.5	13.0
2001	4	10	60.7	15.9	44.9	7.2	52.4	11.4
2001	4	11	54.8	12.7	48.4	9.1	50.5	10.3
2001	4	12	65.2	18.4	49.2	9.6	55.3	13.0
2001	4	13	68.9	20.5	51.4	10.8	58.6	14.8
2001	4	14	65.1	18.4	42.7	5.9	54.0	12.2
2001	4	15	62.6	17.0	37.3	2.9	52.1	11.2
2001	4	16	48.7	9.3	42.0	5.6	46.0	7.8
2001	4	17	42.9	6.1	35.7	2.1	39.0	3.9
2001	4	18	42.1	5.6	33.5	0.8	38.1	3.4
2001	4	19	52.9	11.6	28.0	-2.2	39.6	4.2
2001	4	20	61.2	16.2	32.1	0.1	46.4	8.0
2001	4	21	66.4	19.1	47.3	8.5	56.0	13.3
2001	4	22	79.6	26.4	51.2	10.7	66.0	18.9
2001	4	23	86.7	30.4	55.0	12.8	72.2	22.3
2001	4	24	77.8	25.4	48.1	8.9	64.8	18.2
2001	4	25	54.6	12.6	39.8	4.3	46.3	7.9
2001	4	26	64.3	17.9	32.3	0.2	49.0	9.4
2001	4	27	70.0	21.1	35.2	1.8	53.1	11.7
2001	4	28	56.7	13.7	43.8	6.6	50.3	10.2
2001	4	29	63.8	17.7	30.1	-1.1	48.0	8.9
2001	4	30	75.8	24.3	34.1	1.2	56.4	13.5
2001	5	1	84.6	29.2	45.2	7.3	65.8	18.8
2001	5	2	88.2	31.2	49.8	9.9	69.4	20.8
2001	5	3	88.6	31.4	53.0	11.7	72.0	22.2
2001	5	4	88.8	31.6	56.6	13.7	73.9	23.3
2001	5	5	68.8	20.4	51.9	11.1	61.7	16.5
2001	5	6	67.8	19.9	41.6	5.3	55.4	13.0
2001	5	7	68.5	20.3	38.6	3.7	55.6	13.1
2001	5	8	69.4	20.8	42.3	5.7	57.6	14.2
2001	5	9	74.2	23.4	53.6	12.0	62.3	16.8
2001	5	10	79.9	26.6	48.3	9.1	64.0	17.8
2001	5	11	83.0	28.3	48.1	8.9	67.4	19.7
2001	5	12	71.2	21.8	54.4	12.4	63.0	17.2
2001	5	13	61.9	16.6	46.9	8.3	54.4	12.4
2001	5	14	62.3	16.8	35.9	2.2	49.8	9.9
2001	5	15	68.4	20.2	36.9	2.7	53.5	11.9
2001	5	16	70.0	21.1	38.6	3.7	56.0	13.3
2001	5	17	56.3	13.5	50.8	10.4	53.3	11.8
2001	5	18	62.4	16.9	53.3	11.8	57.6	14.2

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 4 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2001	5	19	76.9	24.9	58.3	14.6	66.2	19.0
2001	5	20	64.5	18.1	50.1	10.1	58.0	14.4
2001	5	21	58.2	14.6	51.4	10.8	54.4	12.5
2001	5	22	68.7	20.4	58.2	14.6	61.7	16.5
2001	5	23	68.0	20.0	53.2	11.8	59.8	15.5
2001	5	24	74.9	23.8	52.4	11.3	62.9	17.2
2001	5	25	66.3	19.1	57.5	14.2	61.0	16.1
2001	5	26	62.8	17.1	57.4	14.1	59.3	15.2
2001	5	27	67.9	19.9	55.2	12.9	60.1	15.6
2001	5	28	64.6	18.1	53.5	11.9	58.7	14.8
2001	5	29	68.1	20.1	49.6	9.8	58.1	14.5
2001	5	30	62.8	17.1	45.6	7.6	54.8	12.7
2001	5	31	67.3	19.6	39.8	4.3	54.3	12.4
2001	6	1	63.6	17.6	40.7	4.8	52.2	11.2
2001	6	2	69.3	20.7	53.0	11.7	60.1	15.6
2001	6	3	63.8	17.7	55.7	13.2	59.5	15.3
2001	6	4	69.0	20.6	53.7	12.1	61.3	16.3
2001	6	5	74.1	23.4	49.3	9.6	62.4	16.9
2001	6	6	71.3	21.8	58.3	14.6	63.9	17.7
2001	6	7	73.3	22.9	54.6	12.6	64.0	17.8
2001	6	8	76.4	24.7	47.1	8.4	62.7	17.1
2001	6	9	76.4	24.7	45.7	7.6	61.8	16.6
2001	6	10	77.5	25.3	46.6	8.1	62.5	16.9
2001	6	11	81.0	27.2	58.7	14.8	68.8	20.4
2001	6	12	83.6	28.7	58.6	14.8	69.4	20.8
2001	6	13	85.2	29.6	65.7	18.7	74.0	23.3
2001	6	14	89.2	31.8	65.6	18.7	76.8	24.9
2001	6	15	84.9	29.4	66.8	19.3	75.4	24.1
2001	6	16	79.5	26.4	66.6	19.2	72.4	22.4
2001	6	17	82.4	28.0	63.0	17.2	71.8	22.1
2001	6	18	82.5	28.1	57.3	14.1	70.2	21.2
2001	6	19	87.7	30.9	59.1	15.1	74.4	23.5
2001	6	20	88.3	31.3	62.4	16.9	71.7	22.0
2001	6	21	78.4	25.8	66.2	19.0	71.4	21.9
2001	6	22	77.0	25.0	68.2	20.1	71.0	21.7
2001	6	23	72.1	22.3	58.3	14.6	66.9	19.4
2001	6	24	75.6	24.2	56.3	13.5	65.1	18.4
2001	6	25	80.4	26.9	54.8	12.7	67.7	19.8
2001	6	26	85.3	29.6	58.0	14.4	71.1	21.7
2001	6	27	88.0	31.1	60.0	15.6	74.3	23.5
2001	6	28	88.2	31.2	63.1	17.3	75.8	24.3
2001	6	29	87.6	30.9	65.1	18.4	76.6	24.8
2001	6	30	86.0	30.0	66.2	19.0	76.2	24.6
2001	7	1	81.2	27.3	58.5	14.7	69.7	21.0
2001	7	2	68.5	20.3	52.1	11.2	59.3	15.2
2001	7	3	74.5	23.6	46.4	8.0	62.8	17.1

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 5 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2001	7	4	79.4	26.3	63.6	17.6	70.1	21.1
2001	7	5	80.8	27.1	60.7	15.9	69.0	20.6
2001	7	6	69.9	21.1	51.2	10.7	61.5	16.4
2001	7	7	78.9	26.1	49.9	9.9	65.9	18.8
2001	7	8	77.1	25.1	64.1	17.8	69.4	20.8
2001	7	9	86.6	30.3	64.0	17.8	73.7	23.2
2001	7	10	82.3	27.9	61.4	16.3	70.4	21.3
2001	7	11	75.0	23.9	61.1	16.2	67.9	19.9
2001	7	12	73.1	22.8	55.4	13.0	64.5	18.0
2001	7	13	71.6	22.0	50.0	10.0	61.6	16.4
2001	7	14	74.1	23.4	54.5	12.5	64.9	18.3
2001	7	15	75.7	24.3	53.6	12.0	65.2	18.5
2001	7	16	79.5	26.4	57.6	14.2	68.9	20.5
2001	7	17	83.3	28.5	64.6	18.1	70.9	21.6
2001	7	18	79.8	26.6	63.7	17.6	70.1	21.2
2001	7	19	79.8	26.6	62.2	16.8	71.0	21.7
2001	7	20	81.4	27.4	58.8	14.9	70.0	21.1
2001	7	21	83.3	28.5	52.9	11.6	68.0	20.0
2001	7	22	83.7	28.7	55.6	13.1	70.5	21.4
2001	7	23	88.7	31.5	59.9	15.5	75.4	24.1
2001	7	24	92.3	33.5	67.1	19.5	80.9	27.1
2001	7	25	91.1	32.8	68.8	20.4	78.1	25.6
2001	7	26	74.0	23.3	60.8	16.0	69.1	20.6
2001	7	27	73.9	23.3	50.8	10.4	63.1	17.3
2001	7	28	77.7	25.4	51.6	10.9	65.8	18.8
2001	7	29	73.7	23.2	62.5	16.9	67.7	19.8
2001	7	30	75.9	24.4	64.1	17.8	68.6	20.3
2001	7	31	83.7	28.7	61.5	16.4	70.1	21.1
2001	8	1	88.0	31.1	58.0	14.4	72.2	22.3
2001	8	2	88.6	31.4	60.1	15.6	75.2	24.0
2001	8	3	85.5	29.7	67.0	19.4	75.7	24.3
2001	8	4	84.2	29.0	67.9	19.9	74.1	23.4
2001	8	5	88.5	31.4	64.8	18.2	75.2	24.0
2001	8	6	92.2	33.4	66.4	19.1	79.1	26.1
2001	8	7	96.0	35.6	69.5	20.8	82.3	27.9
2001	8	8	94.4	34.7	71.6	22.0	82.0	27.8
2001	8	9	96.8	36.0	65.8	18.8	82.1	27.8
2001	8	10	83.1	28.4	72.7	22.6	77.5	25.3
2001	8	11	73.4	23.0	68.1	20.1	70.2	21.2
2001	8	12	79.0	26.1	68.0	20.0	72.7	22.6
2001	8	13	81.5	27.5	66.8	19.3	73.6	23.1
2001	8	14	81.8	27.7	63.5	17.5	71.3	21.8
2001	8	15	82.6	28.1	58.9	14.9	71.4	21.9
2001	8	16	83.1	28.4	61.6	16.4	72.6	22.5
2001	8	17	82.6	28.1	64.9	18.3	73.9	23.3
2001	8	18	80.4	26.9	57.7	14.3	69.3	20.7

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 6 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2001	8	19	84.3	29.1	60.0	15.6	71.7	22.1
2001	8	20	80.3	26.8	66.7	19.3	72.6	22.5
2001	8	21	78.2	25.7	58.6	14.8	67.8	19.9
2001	8	22	80.6	27.0	55.8	13.2	68.3	20.2
2001	8	23	67.5	19.7	59.8	15.4	63.7	17.6
2001	8	24	80.0	26.7	60.5	15.8	68.3	20.1
2001	8	25	81.1	27.3	53.5	11.9	67.2	19.5
2001	8	26	80.8	27.1	59.9	15.5	71.7	22.1
2001	8	27	76.5	24.7	66.4	19.1	71.0	21.7
2001	8	28	84.1	28.9	62.5	16.9	68.1	20.1
2001	8	29	78.7	25.9	60.2	15.7	67.6	19.8
2001	8	30	78.3	25.7	56.8	13.8	67.9	19.9
2001	8	31	84.1	28.9	68.5	20.3	74.3	23.5
2001	9	1	69.2	20.7	53.8	12.1	65.4	18.6
2001	9	2	72.0	22.2	46.3	7.9	57.8	14.3
2001	9	3	77.5	25.3	48.8	9.3	63.6	17.6
2001	9	4	77.1	25.1	62.6	17.0	67.8	19.9
2001	9	5	71.4	21.9	52.5	11.4	61.7	16.5
2001	9	6	76.5	24.7	46.9	8.3	59.4	15.2
2001	9	7	83.1	28.4	48.9	9.4	66.1	18.9
2001	9	8	83.0	28.3	57.5	14.2	70.7	21.5
2001	9	9	81.8	27.7	58.9	14.9	71.2	21.8
2001	9	10	77.0	25.0	59.4	15.2	70.0	21.1
2001	9	11	75.1	23.9	56.0	13.3	63.8	17.7
2001	9	12	76.5	24.7	50.0	10.0	61.2	16.2
2001	9	13	80.8	27.1	50.1	10.1	63.7	17.6
2001	9	14	61.3	16.3	47.6	8.7	55.7	13.2
2001	9	15	65.0	18.3	40.9	4.9	51.7	10.9
2001	9	16	69.7	20.9	42.1	5.6	54.1	12.3
2001	9	17	73.5	23.1	45.7	7.6	57.0	13.9
2001	9	18	74.5	23.6	49.0	9.4	60.1	15.6
2001	9	19	75.9	24.4	53.5	11.9	64.8	18.2
2001	9	20	69.1	20.6	63.5	17.5	65.4	18.6
2001	9	21	76.8	24.9	57.7	14.3	66.3	19.1
2001	9	22	74.1	23.4	55.8	13.2	63.9	17.7
2001	9	23	75.9	24.4	51.3	10.7	61.3	16.3
2001	9	24	70.6	21.4	54.4	12.4	63.1	17.3
2001	9	25	61.1	16.2	46.0	7.8	56.4	13.5
2001	9	26	58.5	14.7	41.1	5.1	50.0	10.0
2001	9	27	56.2	13.4	47.0	8.3	51.3	10.7
2001	9	28	56.5	13.6	45.4	7.4	49.9	9.9
2001	9	29	62.2	16.8	46.7	8.2	53.2	11.8
2001	9	30	59.0	15.0	39.7	4.3	48.9	9.4
2001	10	1	70.0	21.1	43.1	6.2	52.8	11.6
2001	10	2	73.7	23.2	44.2	6.8	57.3	14.1
2001	10	3	78.5	25.8	48.9	9.4	62.5	17.0

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 7 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2001	10	4	78.3	25.7	50.3	10.2	63.4	17.4
2001	10	5	76.4	24.7	48.5	9.2	62.9	17.2
2001	10	6	67.6	19.8	47.2	8.4	57.5	14.2
2001	10	7	48.4	9.1	38.4	3.6	44.3	6.8
2001	10	8	50.4	10.2	32.7	0.4	41.2	5.1
2001	10	9	59.9	15.5	28.9	-1.7	43.6	6.4
2001	10	10	68.5	20.3	34.9	1.6	50.4	10.2
2001	10	11	74.0	23.3	40.9	4.9	55.9	13.3
2001	10	12	73.7	23.2	47.2	8.4	60.4	15.8
2001	10	13	76.2	24.6	53.5	11.9	66.7	19.3
2001	10	14	67.6	19.8	60.8	16.0	64.0	17.8
2001	10	15	63.0	17.2	43.0	6.1	54.2	12.3
2001	10	16	65.5	18.6	39.2	4.0	50.3	10.2
2001	10	17	50.2	10.1	43.2	6.2	47.1	8.4
2001	10	18	55.1	12.8	33.1	0.6	43.0	6.1
2001	10	19	62.8	17.1	32.4	0.2	47.6	8.7
2001	10	20	65.4	18.6	41.8	5.4	51.5	10.8
2001	10	21	75.2	24.0	38.8	3.8	56.0	13.4
2001	10	22	62.0	16.7	50.1	10.1	54.1	12.3
2001	10	23	68.9	20.5	49.8	9.9	60.0	15.5
2001	10	24	76.6	24.8	56.6	13.7	65.6	18.7
2001	10	25	69.8	21.0	53.2	11.8	63.1	17.3
2001	10	26	53.3	11.8	39.4	4.1	46.1	7.9
2001	10	27	44.5	6.9	38.8	3.8	41.0	5.0
2001	10	28	46.6	8.1	30.6	-0.8	39.8	4.3
2001	10	29	54.7	12.6	25.6	-3.6	40.3	4.6
2001	10	30	54.8	12.7	39.3	4.1	47.5	8.6
2001	10	31	52.3	11.3	39.4	4.1	46.9	8.3
2001	11	1	63.5	17.5	37.8	3.2	52.3	11.3
2001	11	2	72.7	22.6	47.5	8.6	61.3	16.3
2001	11	3	64.3	17.9	46.0	7.8	58.8	14.9
2001	11	4	59.7	15.4	36.5	2.5	48.3	9.0
2001	11	5	48.1	8.9	41.3	5.2	43.0	6.1
2001	11	6	51.4	10.8	39.6	4.2	44.1	6.7
2001	11	7	62.3	16.8	39.1	3.9	50.5	10.3
2001	11	8	65.2	18.4	35.2	1.8	49.0	9.4
2001	11	9	60.9	16.1	34.3	1.3	46.3	7.9
2001	11	10	58.9	14.9	31.6	-0.2	42.4	5.8
2001	11	11	51.0	10.6	28.8	-1.8	41.3	5.2
2001	11	12	45.7	7.6	24.0	-4.4	34.0	1.1
2001	11	13	52.7	11.5	24.0	-4.4	36.2	2.3
2001	11	14	58.4	14.7	27.2	-2.7	40.4	4.7
2001	11	15	62.0	16.7	41.8	5.4	51.1	10.6
2001	11	16	66.7	19.3	41.9	5.5	53.4	11.9
2001	11	17	54.3	12.4	34.5	1.4	43.7	6.5
2001	11	18	54.2	12.3	29.6	-1.3	40.4	4.7

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 8 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2001	11	19	59.3	15.2	32.5	0.3	44.4	6.9
2001	11	20	56.4	13.6	33.6	0.9	41.6	5.3
2001	11	21	44.1	6.7	29.5	-1.4	36.2	2.3
2001	11	22	51.3	10.7	27.7	-2.4	37.3	2.9
2001	11	23	57.1	13.9	29.4	-1.4	42.8	6.0
2001	11	24	60.7	15.9	46.5	8.1	54.7	12.6
2001	11	25	63.6	17.6	45.3	7.4	57.4	14.1
2001	11	26	53.7	12.1	42.4	5.8	47.1	8.4
2001	11	27	52.5	11.4	36.3	2.4	44.5	6.9
2001	11	28	57.8	14.3	48.7	9.3	51.9	11.1
2001	11	29	54.0	12.2	50.0	10.0	52.1	11.1
2001	11	30	65.4	18.6	52.2	11.2	60.7	15.9
2001	12	1	60.8	16.0	43.3	6.3	52.3	11.3
2001	12	2	50.2	10.1	34.2	1.2	40.9	5.0
2001	12	3	54.9	12.7	29.8	-1.2	38.8	3.8
2001	12	4	59.6	15.3	30.9	-0.6	44.6	7.0
2001	12	5	67.4	19.7	48.0	8.9	56.1	13.4
2001	12	6	62.0	16.7	42.7	5.9	52.3	11.3
2001	12	7	56.0	13.3	36.7	2.6	49.3	9.6
2001	12	8	38.2	3.4	29.7	-1.3	34.0	1.1
2001	12	9	41.1	5.1	29.8	-1.2	36.5	2.5
2001	12	10	45.1	7.3	25.0	-3.9	34.1	1.2
2001	12	11	49.3	9.6	30.8	-0.7	39.6	4.2
2001	12	12	44.6	7.0	27.0	-2.8	36.7	2.6
2001	12	13	51.4	10.8	44.0	6.7	48.2	9.0
2001	12	14	56.9	13.8	45.3	7.4	50.4	10.2
2001	12	15	53.4	11.9	32.8	0.4	39.9	4.4
2001	12	16	38.3	3.5	25.3	-3.7	32.6	0.4
2001	12	17	42.8	6.0	35.2	1.8	39.4	4.1
2001	12	18	44.5	6.9	39.1	3.9	42.6	5.9
2001	12	19	47.9	8.8	39.0	3.9	42.1	5.6
2001	12	20	40.2	4.6	32.7	0.4	36.4	2.5
2001	12	21	37.6	3.1	32.2	0.1	35.5	1.9
2001	12	22	37.9	3.3	27.3	-2.6	31.5	-0.3
2001	12	23	44.5	6.9	23.5	-4.7	34.8	1.5
2001	12	24	40.9	4.9	30.0	-1.1	35.2	1.8
2001	12	25	31.3	-0.4	23.3	-4.8	27.6	-2.4
2001	12	26	29.9	-1.2	18.4	-7.6	23.9	-4.5
2001	12	27	26.4	-3.1	15.1	-9.4	21.7	-5.7
2001	12	28	34.8	1.6	22.8	-5.1	28.3	-2.1
2001	12	29	31.1	-0.5	20.7	-6.3	25.3	-3.7
2001	12	30	25.4	-3.7	17.7	-7.9	21.4	-5.9
2001	12	31	25.7	-3.5	14.9	-9.5	19.7	-6.9
2002	1	1	30.6	-0.8	13.9	-10.1	21.8	-5.7
2002	1	2	31.5	-0.3	12.0	-11.1	22.8	-5.1
2002	1	3	35.0	1.7	10.3	-12.1	22.7	-5.2

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 9 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2002	1	4	32.9	0.5	22.0	-5.6	27.9	-2.3
2002	1	5	37.5	3.1	29.3	-1.5	32.4	0.2
2002	1	6	38.3	3.5	23.4	-4.8	30.3	-0.9
2002	1	7	33.7	0.9	23.3	-4.8	30.9	-0.6
2002	1	8	29.4	-1.4	12.5	-10.8	22.9	-5.1
2002	1	9	42.4	5.8	22.8	-5.1	31.9	0.0
2002	1	10	51.0	10.6	32.8	0.4	40.2	4.5
2002	1	11	41.8	5.4	31.2	-0.4	36.2	2.3
2002	1	12	41.7	5.4	32.8	0.4	37.1	2.8
2002	1	13	39.2	4.0	32.5	0.3	36.4	2.5
2002	1	14	43.2	6.2	28.9	-1.7	36.7	2.6
2002	1	15	42.3	5.7	33.0	0.6	37.9	3.3
2002	1	16	36.8	2.7	31.4	-0.3	34.8	1.5
2002	1	17	42.8	6.0	31.6	-0.2	36.3	2.4
2002	1	18	32.8	0.4	26.2	-3.2	29.8	-1.2
2002	1	19	26.9	-2.8	20.3	-6.5	24.0	-4.4
2002	1	20	32.9	0.5	20.5	-6.4	26.6	-3.0
2002	1	21	38.2	3.4	22.7	-5.2	31.7	-0.2
2002	1	22	43.5	6.4	27.7	-2.4	37.0	2.8
2002	1	23	45.8	7.7	27.5	-2.5	41.0	5.0
2002	1	24	44.6	7.0	38.1	3.4	40.4	4.7
2002	1	25	43.5	6.4	32.9	0.5	37.8	3.2
2002	1	26	51.8	11.0	28.8	-1.8	38.5	3.6
2002	1	27	58.4	14.7	25.5	-3.6	39.0	3.9
2002	1	28	58.3	14.6	27.4	-2.6	40.1	4.5
2002	1	29	65.1	18.4	34.2	1.2	47.1	8.4
2002	1	30	53.2	11.8	37.1	2.8	47.6	8.6
2002	1	31	39.2	4.0	33.3	0.7	36.5	2.5
2002	2	1	53.5	11.9	37.0	2.8	42.6	5.9
2002	2	2	35.0	1.7	24.9	-3.9	30.0	-1.1
2002	2	3	40.5	4.7	20.0	-6.7	30.6	-0.8
2002	2	4	33.3	0.7	17.8	-7.9	28.0	-2.2
2002	2	5	32.6	0.3	14.3	-9.8	22.5	-5.3
2002	2	6	38.7	3.7	26.9	-2.8	32.5	0.3
2002	2	7	41.5	5.3	28.6	-1.9	33.3	0.7
2002	2	8	50.2	10.1	27.5	-2.5	39.4	4.1
2002	2	9	50.2	10.1	31.3	-0.4	40.6	4.8
2002	2	10	50.8	10.4	37.8	3.2	43.7	6.5
2002	2	11	43.3	6.3	20.2	-6.6	31.2	-0.4
2002	2	12	44.9	7.2	18.5	-7.5	33.4	0.8
2002	2	13	40.1	4.5	21.7	-5.7	30.7	-0.7
2002	2	14	39.6	4.2	12.5	-10.8	26.0	-3.3
2002	2	15	48.1	8.9	24.0	-4.4	37.6	3.1
2002	2	16	46.7	8.2	35.1	1.7	41.9	5.5
2002	2	17	40.1	4.5	28.3	-2.1	35.3	1.8
2002	2	18	41.5	5.3	24.7	-4.1	31.3	-0.4

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}

(Page 10 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2002	2	19	50.2	10.1	18.8	-7.3	34.5	1.4
2002	2	20	57.2	14.0	35.7	2.1	47.2	8.4
2002	2	21	54.9	12.7	44.5	6.9	49.1	9.5
2002	2	22	43.5	6.4	36.7	2.6	39.4	4.1
2002	2	23	42.3	5.7	29.1	-1.6	35.0	1.7
2002	2	24	49.7	9.8	22.2	-5.4	34.3	1.3
2002	2	25	56.0	13.3	29.0	-1.7	42.2	5.6
2002	2	26	57.3	14.1	30.2	-1.0	43.7	6.5
2002	2	27	38.1	3.4	26.0	-3.3	31.1	-0.5
2002	2	28	35.6	2.0	23.8	-4.6	28.7	-1.8
2002	3	1	43.1	6.2	18.7	-7.4	30.6	-0.8
2002	3	2	46.1	7.8	24.4	-4.2	36.1	2.3
2002	3	3	57.8	14.3	33.1	0.6	49.1	9.5
2002	3	4	31.9	-0.1	17.8	-7.9	25.3	-3.7
2002	3	5	31.4	-0.3	12.8	-10.7	21.9	-5.6
2002	3	6	59.9	15.5	21.1	-6.1	40.3	4.6
2002	3	7	58.3	14.6	29.2	-1.6	44.1	6.7
2002	3	8	66.5	19.2	33.1	0.6	50.3	10.2
2002	3	9	62.6	17.0	51.9	11.1	57.4	14.1
2002	3	10	57.6	14.2	26.6	-3.0	34.8	1.5
2002	3	11	37.1	2.8	23.1	-4.9	29.2	-1.6
2002	3	12	45.9	7.7	28.1	-2.2	38.7	3.7
2002	3	13	45.6	7.6	37.2	2.9	42.5	5.9
2002	3	14	61.2	16.2	42.5	5.8	50.8	10.5
2002	3	15	66.4	19.1	50.9	10.5	59.3	15.2
2002	3	16	61.0	16.1	31.5	-0.3	46.3	7.9
2002	3	17	37.6	3.1	27.0	-2.8	32.0	0.0
2002	3	18	37.4	3.0	32.5	0.3	36.1	2.3
2002	3	19	41.5	5.3	37.2	2.9	38.8	3.8
2002	3	20	42.6	5.9	36.1	2.3	38.7	3.7
2002	3	21	53.0	11.7	27.5	-2.5	40.7	4.8
2002	3	22	27.3	-2.6	18.6	-7.4	23.0	-5.0
2002	3	23	46.7	8.2	21.0	-6.1	33.7	0.9
2002	3	24	51.7	10.9	27.1	-2.7	40.7	4.8
2002	3	25	39.3	4.1	32.6	0.3	34.6	1.5
2002	3	26	42.8	6.0	34.5	1.4	37.3	2.9
2002	3	27	41.2	5.1	36.8	2.7	39.7	4.3
2002	3	28	49.5	9.7	27.9	-2.3	38.6	3.7
2002	3	29	62.2	16.8	31.6	-0.2	47.8	8.8
2002	3	30	61.0	16.1	49.7	9.8	56.3	13.5
2002	3	31	59.6	15.3	45.3	7.4	51.1	10.6
2002	4	1	50.1	10.1	42.0	5.6	46.7	8.2
2002	4	2	61.0	16.1	31.4	-0.3	46.6	8.1
2002	4	3	60.6	15.9	38.1	3.4	51.3	10.7
2002	4	4	44.5	6.9	32.3	0.2	37.9	3.3
2002	4	5	37.6	3.1	23.9	-4.5	31.7	-0.2

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 11 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2002	4	6	39.1	3.9	28.8	-1.8	33.6	0.9
2002	4	7	48.8	9.3	21.5	-5.8	36.2	2.3
2002	4	8	60.0	15.6	42.2	5.7	50.0	10.0
2002	4	9	67.1	19.5	57.6	14.2	61.5	16.4
2002	4	10	60.3	15.7	44.3	6.8	51.6	10.9
2002	4	11	64.4	18.0	35.6	2.0	51.3	10.7
2002	4	12	58.5	14.7	40.1	4.5	50.4	10.2
2002	4	13	64.2	17.9	57.2	14.0	60.7	16.0
2002	4	14	72.3	22.4	52.2	11.2	61.8	16.6
2002	4	15	75.3	24.1	59.2	15.1	66.5	19.1
2002	4	16	87.3	30.7	56.6	13.7	72.2	22.3
2002	4	17	90.3	32.4	57.1	13.9	74.8	23.8
2002	4	18	86.8	30.4	61.8	16.6	74.4	23.5
2002	4	19	85.4	29.7	59.0	15.0	69.6	20.9
2002	4	20	61.7	16.5	50.2	10.1	56.8	13.8
2002	4	21	47.2	8.4	41.4	5.2	43.3	6.3
2002	4	22	50.0	10.0	38.5	3.6	43.5	6.4
2002	4	23	51.6	10.9	36.7	2.6	43.4	6.3
2002	4	24	59.5	15.3	29.8	-1.2	46.1	7.9
2002	4	25	51.4	10.8	37.4	3.0	46.5	8.1
2002	4	26	57.3	14.1	32.1	0.1	45.5	7.5
2002	4	27	58.5	14.7	30.7	-0.7	46.5	8.0
2002	4	28	64.2	17.9	47.0	8.3	53.6	12.0
2002	4	29	57.2	14.0	41.3	5.2	46.3	7.9
2002	4	30	55.0	12.8	38.0	3.3	46.4	8.0
2002	5	1	62.3	16.8	33.9	1.1	48.8	9.3
2002	5	2	71.4	21.9	48.4	9.1	59.1	15.0
2002	5	3	58.4	14.7	45.2	7.3	50.8	10.4
2002	5	4	63.5	17.5	31.4	-0.3	49.3	9.6
2002	5	5	70.0	21.1	39.7	4.3	56.1	13.4
2002	5	6	74.0	23.3	42.8	6.0	59.8	15.5
2002	5	7	75.6	24.2	58.3	14.6	66.3	19.1
2002	5	8	70.2	21.2	53.4	11.9	62.4	16.9
2002	5	9	58.4	14.7	42.8	6.0	51.4	10.8
2002	5	10	68.9	20.5	53.8	12.1	60.5	15.8
2002	5	11	66.1	18.9	44.1	6.7	56.8	13.8
2002	5	12	56.7	13.7	51.3	10.7	54.7	12.6
2002	5	13	62.2	16.8	51.1	10.6	57.7	14.3
2002	5	14	54.7	12.6	45.2	7.3	48.4	9.1
2002	5	15	66.2	19.0	42.0	5.6	53.6	12.0
2002	5	16	76.1	24.5	39.7	4.3	60.1	15.6
2002	5	17	67.0	19.4	47.9	8.8	59.9	15.5
2002	5	18	49.5	9.7	38.4	3.6	44.5	6.9
2002	5	19	52.6	11.4	36.1	2.3	44.4	6.9
2002	5	20	49.2	9.6	36.7	2.6	42.7	5.9
2002	5	21	52.5	11.4	30.9	-0.6	43.1	6.1

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}

(Page 12 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2002	5	22	62.8	17.1	32.2	0.1	48.3	9.1
2002	5	23	74.2	23.4	36.8	2.7	56.5	13.6
2002	5	24	79.1	26.2	45.9	7.7	64.4	18.0
2002	5	25	68.5	20.3	48.3	9.1	60.0	15.6
2002	5	26	75.4	24.1	56.2	13.4	64.8	18.2
2002	5	27	77.7	25.4	55.0	12.8	67.7	19.8
2002	5	28	77.0	25.0	60.4	15.8	66.2	19.0
2002	5	29	76.3	24.6	59.5	15.3	66.5	19.1
2002	5	30	81.1	27.3	61.4	16.3	70.8	21.6
2002	5	31	83.0	28.3	59.7	15.4	70.4	21.3
2002	6	1	83.6	28.7	59.6	15.3	70.3	21.3
2002	6	2	73.1	22.8	55.8	13.2	64.9	18.3
2002	6	3	67.9	19.9	46.5	8.1	58.7	14.8
2002	6	4	71.6	22.0	52.5	11.4	64.4	18.0
2002	6	5	85.2	29.6	65.6	18.7	73.8	23.2
2002	6	6	66.2	19.0	58.5	14.7	62.9	17.2
2002	6	7	73.0	22.8	53.8	12.1	62.5	16.9
2002	6	8	73.2	22.9	52.4	11.3	63.4	17.5
2002	6	9	82.9	28.3	53.8	12.1	68.4	20.2
2002	6	10	82.7	28.2	59.8	15.4	71.3	21.8
2002	6	11	85.7	29.8	61.0	16.1	72.6	22.6
2002	6	12	78.3	25.7	65.6	18.7	71.9	22.2
2002	6	13	70.4	21.3	60.4	15.8	64.8	18.2
2002	6	14	62.9	17.2	57.6	14.2	58.9	14.9
2002	6	15	66.5	19.2	56.8	13.8	60.3	15.7
2002	6	16	72.4	22.4	56.2	13.4	63.6	17.6
2002	6	17	73.9	23.3	50.6	10.3	61.2	16.2
2002	6	18	75.5	24.2	47.6	8.7	61.5	16.4
2002	6	19	77.1	25.1	54.0	12.2	66.0	18.9
2002	6	20	81.1	27.3	56.8	13.8	69.2	20.7
2002	6	21	82.5	28.1	58.8	14.9	71.0	21.7
2002	6	22	83.8	28.8	59.2	15.1	72.2	22.4
2002	6	23	86.3	30.2	66.5	19.2	76.0	24.4
2002	6	24	85.2	29.6	68.1	20.1	75.7	24.3
2002	6	25	88.2	31.2	68.4	20.2	77.0	25.0
2002	6	26	89.1	31.7	66.8	19.3	78.8	26.0
2002	6	27	85.4	29.7	67.5	19.7	74.3	23.5
2002	6	28	78.5	25.8	63.5	17.5	71.5	21.9
2002	6	29	82.3	27.9	55.4	13.0	69.1	20.6
2002	6	30	84.4	29.1	61.1	16.2	72.8	22.7
2002	7	1	86.6	30.3	61.7	16.5	74.5	23.6
2002	7	2	91.7	33.2	66.3	19.1	77.8	25.4
2002	7	3	92.8	33.8	73.1	22.8	81.9	27.7
2002	7	4	92.8	33.8	70.3	21.3	80.8	27.1
2002	7	5	77.1	25.1	63.2	17.3	71.1	21.7
2002	7	6	75.4	24.1	54.8	12.7	66.0	18.9

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 13 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2002	7	7	79.1	26.2	52.8	11.6	65.9	18.8
2002	7	8	87.1	30.6	56.8	13.8	71.2	21.8
2002	7	9	86.5	30.3	64.7	18.2	73.0	22.8
2002	7	10	75.4	24.1	61.2	16.2	70.0	21.1
2002	7	11	73.5	23.1	48.3	9.1	62.5	16.9
2002	7	12	79.2	26.2	46.7	8.2	63.6	17.5
2002	7	13	80.1	26.7	51.1	10.6	66.9	19.4
2002	7	14	76.8	24.9	63.3	17.4	69.1	20.6
2002	7	15	88.1	31.2	60.6	15.9	74.4	23.6
2002	7	16	84.3	29.1	60.8	16.0	73.0	22.8
2002	7	17	93.4	34.1	57.1	13.9	75.9	24.4
2002	7	18	88.4	31.3	68.4	20.2	77.2	25.1
2002	7	19	87.3	30.7	66.7	19.3	72.8	22.7
2002	7	20	81.5	27.5	65.1	18.4	72.4	22.4
2002	7	21	85.2	29.6	62.0	16.7	74.4	23.5
2002	7	22	91.5	33.1	67.6	19.8	81.2	27.3
2002	7	23	90.1	32.3	65.1	18.4	75.8	24.3
2002	7	24	79.2	26.2	62.5	16.9	69.6	20.9
2002	7	25	78.4	25.8	66.4	19.1	71.3	21.8
2002	7	26	71.4	21.9	64.0	17.8	67.1	19.5
2002	7	27	78.7	25.9	64.9	18.3	71.1	21.7
2002	7	28	85.9	29.9	69.1	20.6	75.6	24.2
2002	7	29	90.3	32.4	73.7	23.2	81.1	27.3
2002	7	30	86.5	30.3	71.7	22.1	79.2	26.2
2002	7	31	90.0	32.2	62.1	16.7	76.2	24.5
2002	8	1	92.0	33.3	66.7	19.3	78.5	25.8
2002	8	2	94.8	34.9	66.1	18.9	79.3	26.3
2002	8	3	90.4	32.4	68.8	20.4	78.7	25.9
2002	8	4	92.4	33.6	66.1	18.9	79.4	26.4
2002	8	5	86.6	30.3	67.3	19.6	74.7	23.7
2002	8	6	73.3	22.9	63.0	17.2	68.0	20.0
2002	8	7	74.1	23.4	52.3	11.3	64.7	18.1
2002	8	8	76.3	24.6	50.7	10.4	64.9	18.3
2002	8	9	81.1	27.3	50.8	10.4	66.6	19.2
2002	8	10	88.3	31.3	52.9	11.6	70.9	21.6
2002	8	11	90.4	32.4	57.5	14.2	74.4	23.5
2002	8	12	93.1	33.9	62.1	16.7	77.5	25.3
2002	8	13	92.9	33.8	65.2	18.4	79.1	26.1
2002	8	14	96.3	35.7	66.7	19.3	81.5	27.5
2002	8	15	92.2	33.4	67.8	19.9	79.7	26.5
2002	8	16	87.9	31.1	69.1	20.6	77.6	25.3
2002	8	17	89.6	32.0	68.6	20.3	78.2	25.7
2002	8	18	90.1	32.3	67.3	19.6	78.2	25.7
2002	8	19	85.3	29.6	63.1	17.3	76.0	24.4
2002	8	20	79.2	26.2	63.7	17.6	72.2	22.3
2002	8	21	85.6	29.8	55.7	13.2	71.3	21.8

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 14 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2002	8	22	88.8	31.6	64.0	17.8	76.7	24.8
2002	8	23	79.9	26.6	68.7	20.4	73.2	22.9
2002	8	24	77.5	25.3	67.4	19.7	70.5	21.4
2002	8	25	80.4	26.9	61.8	16.6	70.9	21.6
2002	8	26	80.0	26.7	57.2	14.0	67.9	19.9
2002	8	27	80.7	27.1	58.6	14.8	70.6	21.5
2002	8	28	74.1	23.4	59.3	15.2	68.1	20.0
2002	8	29	63.2	17.3	55.9	13.3	59.6	15.3
2002	8	30	73.6	23.1	57.9	14.4	63.3	17.4
2002	8	31	78.5	25.8	54.4	12.4	66.0	18.9
2002	9	1	62.3	16.8	56.5	13.6	59.3	15.2
2002	9	2	71.4	21.9	59.3	15.2	64.1	17.8
2002	9	3	85.0	29.4	57.6	14.2	70.0	21.1
2002	9	4	83.8	28.8	68.2	20.1	75.3	24.1
2002	9	5	76.7	24.8	57.4	14.1	66.8	19.3
2002	9	6	77.7	25.4	48.6	9.2	62.4	16.9
2002	9	7	84.5	29.2	49.3	9.6	65.7	18.7
2002	9	8	86.8	30.4	51.0	10.6	67.0	19.5
2002	9	9	92.6	33.7	50.7	10.4	69.8	21.0
2002	9	10	92.4	33.6	56.2	13.4	72.3	22.4
2002	9	11	71.5	21.9	58.2	14.6	64.6	18.1
2002	9	12	72.5	22.5	48.4	9.1	61.0	16.1
2002	9	13	82.1	27.8	43.3	6.3	61.8	16.5
2002	9	14	83.9	28.8	53.2	11.8	68.9	20.5
2002	9	15	75.1	23.9	68.1	20.1	70.8	21.5
2002	9	16	73.0	22.8	59.0	15.0	68.0	20.0
2002	9	17	76.9	24.9	54.7	12.6	61.7	16.5
2002	9	18	76.2	24.6	51.0	10.6	63.3	17.4
2002	9	19	73.0	22.8	54.7	12.6	65.0	18.3
2002	9	20	78.8	26.0	65.1	18.4	72.3	22.4
2002	9	21	77.6	25.3	69.4	20.8	72.5	22.5
2002	9	22	73.5	23.1	65.4	18.6	70.5	21.4
2002	9	23	67.1	19.5	50.0	10.0	60.7	15.9
2002	9	24	72.0	22.2	45.3	7.4	56.3	13.5
2002	9	25	72.0	22.2	48.4	9.1	58.7	14.8
2002	9	26	57.3	14.1	53.0	11.7	55.7	13.2
2002	9	27	72.5	22.5	53.8	12.1	62.5	16.9
2002	9	28	68.4	20.2	49.6	9.8	62.2	16.8
2002	9	29	69.3	20.7	43.2	6.2	54.8	12.7
2002	9	30	69.1	20.6	48.5	9.2	58.4	14.7
2002	10	1	79.4	26.3	51.1	10.6	64.0	17.8
2002	10	2	81.3	27.4	58.1	14.5	68.7	20.4
2002	10	3	74.1	23.4	61.5	16.4	66.6	19.2
2002	10	4	73.0	22.8	62.5	16.9	65.0	18.3
2002	10	5	73.8	23.2	56.1	13.4	68.9	20.5
2002	10	6	66.4	19.1	44.5	6.9	56.4	13.6

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 15 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2002	10	7	67.6	19.8	50.9	10.5	61.7	16.5
2002	10	8	57.9	14.4	38.3	3.5	47.9	8.8
2002	10	9	62.0	16.7	39.8	4.3	51.2	10.7
2002	10	10	60.9	16.1	56.5	13.6	58.2	14.6
2002	10	11	56.2	13.4	53.8	12.1	54.9	12.7
2002	10	12	63.6	17.6	55.8	13.2	59.2	15.1
2002	10	13	62.4	16.9	51.8	11.0	57.7	14.3
2002	10	14	52.3	11.3	36.8	2.7	46.1	7.8
2002	10	15	55.5	13.1	32.7	0.4	45.2	7.4
2002	10	16	51.1	10.6	47.6	8.7	49.0	9.4
2002	10	17	54.8	12.7	43.0	6.1	47.7	8.7
2002	10	18	52.4	11.3	36.6	2.6	43.8	6.6
2002	10	19	50.9	10.5	42.4	5.8	48.1	9.0
2002	10	20	54.7	12.6	35.7	2.1	44.7	7.1
2002	10	21	51.8	11.0	34.4	1.3	41.3	5.2
2002	10	22	57.6	14.2	30.4	-0.9	43.2	6.2
2002	10	23	47.9	8.8	35.0	1.7	41.6	5.3
2002	10	24	42.1	5.6	29.1	-1.6	35.6	2.0
2002	10	25	42.3	5.7	34.8	1.6	39.3	4.0
2002	10	26	56.7	13.7	43.1	6.2	50.3	10.1
2002	10	27	57.0	13.9	43.9	6.6	49.6	9.8
2002	10	28	50.9	10.5	35.0	1.7	44.2	6.8
2002	10	29	42.7	5.9	29.2	-1.6	35.0	1.7
2002	10	30	35.8	2.1	32.5	0.3	33.7	1.0
2002	10	31	45.1	7.3	30.3	-0.9	36.8	2.7
2002	11	1	41.6	5.3	28.9	-1.7	35.3	1.9
2002	11	2	42.5	5.8	31.4	-0.3	36.5	2.5
2002	11	3	41.7	5.4	32.5	0.3	37.4	3.0
2002	11	6	46.8	8.2	36.2	2.3	41.8	5.5
2002	11	7	42.0	5.6	28.6	-1.9	38.4	3.6
2002	11	8	60.3	15.7	29.2	-1.6	46.0	7.8
2002	11	9	65.4	18.6	33.3	0.7	49.2	9.6
2002	11	10	67.4	19.7	54.9	12.7	61.5	16.4
2002	11	11	68.1	20.1	50.0	10.0	63.3	17.4
2002	11	12	48.3	9.1	43.2	6.2	46.2	7.9
2002	11	13	46.0	7.8	40.0	4.4	44.6	7.0
2002	11	14	55.8	13.2	32.9	0.5	43.8	6.6
2002	11	15	56.0	13.3	35.8	2.1	46.9	8.3
2002	11	16	44.0	6.7	38.1	3.4	40.9	5.0
2002	11	17	39.7	4.3	35.8	2.1	38.1	3.4
2002	11	18	43.3	6.3	32.6	0.3	37.1	2.8
2002	11	19	39.5	4.2	29.2	-1.6	34.6	1.5
2002	11	20	50.8	10.4	33.1	0.6	38.9	3.8
2002	11	21	47.6	8.7	30.3	-0.9	39.6	4.2
2002	11	22	48.0	8.9	38.8	3.8	43.2	6.2
2002	11	23	40.5	4.7	32.4	0.2	35.7	2.0

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 16 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2002	11	24	47.9	8.8	31.9	-0.1	40.1	4.5
2002	11	25	53.3	11.8	30.4	-0.9	41.2	5.1
2002	11	26	42.6	5.9	30.3	-0.9	37.0	2.8
2002	11	27	33.9	1.1	26.0	-3.3	31.1	-0.5
2002	11	28	31.5	-0.3	20.2	-6.6	25.8	-3.5
2002	11	29	38.6	3.7	24.7	-4.1	33.1	0.6
2002	11	30	47.7	8.7	32.2	0.1	39.0	3.9
2002	12	1	34.2	1.2	23.6	-4.7	27.6	-2.4
2002	12	2	35.8	2.1	22.8	-5.1	29.1	-1.6
2002	12	3	22.7	-5.2	11.8	-11.2	17.9	-7.8
2002	12	4	26.3	-3.2	8.7	-12.9	17.3	-8.2
2002	12	5	24.9	-3.9	20.0	-6.7	23.4	-4.8
2002	12	6	29.8	-1.2	20.5	-6.4	26.2	-3.2
2002	12	7	36.0	2.2	7.6	-13.6	21.6	-5.8
2002	12	8	37.7	3.2	19.9	-6.7	28.4	-2.0
2002	12	9	23.6	-4.7	9.3	-12.6	17.0	-8.3
2002	12	10	28.2	-2.1	7.2	-13.8	16.8	-8.5
2002	12	11	34.8	1.6	13.4	-10.3	26.2	-3.3
2002	12	12	39.4	4.1	32.7	0.4	35.1	1.7
2002	12	13	39.0	3.9	34.0	1.1	36.1	2.3
2002	12	14	42.1	5.6	37.5	3.1	40.3	4.6
2002	12	15	41.0	5.0	36.6	2.6	38.7	3.7
2002	12	16	39.7	4.3	22.1	-5.5	31.7	-0.2
2002	12	17	31.1	-0.5	19.2	-7.1	23.9	-4.5
2002	12	18	38.1	3.4	11.3	-11.5	23.8	-4.6
2002	12	19	45.9	7.7	22.5	-5.3	34.0	1.1
2002	12	20	56.4	13.6	38.4	3.6	47.3	8.5
2002	12	21	38.8	3.8	33.4	0.8	36.6	2.6
2002	12	22	45.5	7.5	28.9	-1.7	36.8	2.7
2002	12	23	39.9	4.4	32.3	0.2	35.7	2.1
2002	12	24	37.0	2.8	30.7	-0.7	33.1	0.6
2002	12	25	34.2	1.2	28.5	-1.9	30.5	-0.8
2002	12	26	34.3	1.3	26.7	-2.9	30.5	-0.9
2002	12	27	32.2	0.1	24.8	-4.0	29.8	-1.2
2002	12	28	31.0	-0.6	14.7	-9.6	24.4	-4.2
2002	12	29	40.2	4.6	26.3	-3.2	33.7	1.0
2002	12	30	39.3	4.1	20.7	-6.3	30.7	-0.7
2002	12	31	47.2	8.4	34.7	1.5	39.3	4.0
2003	1	1	39.2	4.0	35.2	1.8	36.8	2.7
2003	1	2	35.6	2.0	28.5	-1.9	30.9	-0.6
2003	1	3	33.8	1.0	27.3	-2.6	30.1	-1.1
2003	1	4	33.0	0.6	29.7	-1.3	31.3	-0.4
2003	1	5	31.7	-0.2	27.4	-2.6	29.3	-1.5
2003	1	6	30.6	-0.8	27.2	-2.7	28.6	-1.9
2003	1	7	29.2	-1.6	18.1	-7.7	24.0	-4.5
2003	1	8	38.8	3.8	24.0	-4.4	33.6	0.9

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 17 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2003	1	9	44.5	6.9	35.8	2.1	41.3	5.2
2003	1	10	42.1	5.6	25.7	-3.5	33.3	0.7
2003	1	11	25.9	-3.4	20.6	-6.3	23.0	-5.0
2003	1	12	28.9	-1.7	19.6	-6.9	23.6	-4.7
2003	1	13	31.5	-0.3	14.5	-9.7	23.3	-4.8
2003	1	14	23.1	-4.9	13.6	-10.2	19.5	-7.0
2003	1	15	23.2	-4.9	16.9	-8.4	20.4	-6.5
2003	1	16	22.2	-5.4	12.8	-10.7	18.0	-7.8
2003	1	17	23.8	-4.6	6.5	-14.2	16.3	-8.7
2003	1	18	18.1	-7.7	-1.2	-18.4	8.2	-13.2
2003	1	19	23.8	-4.6	3.7	-15.7	14.5	-9.7
2003	1	20	25.3	-3.7	15.5	-9.2	22.3	-5.4
2003	1	21	22.0	-5.6	6.6	-14.1	15.0	-9.4
2003	1	22	16.9	-8.4	8.6	-13.0	12.5	-10.8
2003	1	23	15.0	-9.4	4.8	-15.1	8.8	-12.9
2003	1	24	26.0	-3.3	7.2	-13.8	15.1	-9.4
2003	1	25	26.3	-3.2	15.7	-9.1	21.3	-5.9
2003	1	26	30.8	-0.7	20.9	-6.2	24.8	-4.0
2003	1	27	17.6	-8.0	1.5	-16.9	8.8	-12.9
2003	1	28	19.9	-6.7	-2.2	-19.0	9.9	-12.3
2003	1	29	31.0	-0.6	19.6	-6.9	25.1	-3.8
2003	1	30	33.7	0.9	14.2	-9.9	25.4	-3.7
2003	1	31	36.0	2.2	17.5	-8.1	28.4	-2.0
2003	2	1	36.6	2.6	34.0	1.1	35.3	1.8
2003	2	2	38.8	3.8	34.3	1.3	37.1	2.8
2003	2	3	44.5	6.9	30.7	-0.7	37.9	3.3
2003	2	4	42.7	5.9	33.2	0.7	38.8	3.8
2003	2	5	32.8	0.4	21.4	-5.9	26.2	-3.2
2003	2	6	29.3	-1.5	12.7	-10.7	22.1	-5.5
2003	2	7	32.2	0.1	22.3	-5.4	26.9	-2.9
2003	2	8	25.2	-3.8	12.2	-11.0	19.0	-7.3
2003	2	9	32.5	0.3	10.5	-11.9	22.5	-5.3
2003	2	10	31.9	-0.1	22.7	-5.2	28.2	-2.1
2003	2	11	29.3	-1.5	10.6	-11.9	17.9	-7.8
2003	2	12	26.6	-3.0	12.9	-10.6	19.7	-6.8
2003	2	13	20.4	-6.4	13.9	-10.1	16.8	-8.4
2003	2	14	27.0	-2.8	4.8	-15.1	17.4	-8.1
2003	2	15	21.4	-5.9	9.4	-12.6	17.5	-8.1
2003	2	16	13.4	-10.3	5.3	-14.8	8.8	-12.9
2003	2	17	22.1	-5.5	12.2	-11.0	17.2	-8.2
2003	2	18	31.5	-0.3	20.9	-6.2	25.1	-3.9
2003	2	19	40.7	4.8	27.7	-2.4	33.3	0.7
2003	2	20	43.3	6.3	27.4	-2.6	36.8	2.7
2003	2	21	44.6	7.0	15.9	-8.9	31.5	-0.3
2003	2	22	45.3	7.4	34.9	1.6	39.5	4.2
2003	2	23	44.0	6.7	28.0	-2.2	37.4	3.0

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 18 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2003	2	24	29.9	-1.2	20.2	-6.6	25.3	-3.7
2003	2	25	31.2	-0.4	16.8	-8.4	23.6	-4.7
2003	2	26	23.4	-4.8	14.1	-9.9	18.3	-7.6
2003	2	27	30.8	-0.7	19.1	-7.2	25.0	-3.9
2003	2	28	34.8	1.6	28.6	-1.9	31.2	-0.4
2003	3	1	35.3	1.8	29.6	-1.3	32.2	0.1
2003	3	2	41.1	5.1	33.0	0.6	36.4	2.4
2003	3	3	34.8	1.6	5.0	-15.0	14.7	-9.6
2003	3	4	36.2	2.3	8.9	-12.8	23.8	-4.5
2003	3	5	43.5	6.4	29.6	-1.3	36.8	2.6
2003	3	6	39.2	4.0	15.7	-9.1	27.0	-2.8
2003	3	7	32.7	0.4	1.1	-17.2	18.7	-7.4
2003	3	8	45.1	7.3	15.9	-8.9	31.7	-0.2
2003	3	9	44.2	6.8	19.8	-6.8	36.5	2.5
2003	3	10	25.5	-3.6	16.7	-8.5	20.3	-6.5
2003	3	11	36.0	2.2	9.9	-12.3	24.2	-4.3
2003	3	12	50.4	10.2	24.3	-4.3	35.9	2.2
2003	3	13	38.2	3.4	27.0	-2.8	34.8	1.6
2003	3	14	35.3	1.8	15.9	-8.9	25.8	-3.4
2003	3	15	53.2	11.8	25.0	-3.9	37.5	3.1
2003	3	16	65.0	18.3	28.3	-2.1	44.5	7.0
2003	3	17	66.5	19.2	37.0	2.8	47.9	8.8
2003	3	18	54.1	12.3	36.7	2.6	45.1	7.3
2003	3	19	46.9	8.3	35.2	1.8	40.6	4.8
2003	3	20	46.3	7.9	32.5	0.3	38.1	3.4
2003	3	21	59.6	15.3	41.4	5.2	47.7	8.7
2003	3	22	55.5	13.1	43.0	6.1	49.1	9.5
2003	3	23	53.5	11.9	38.0	3.3	45.0	7.2
2003	3	24	59.7	15.4	32.0	0.0	45.5	7.5
2003	3	25	69.3	20.7	34.7	1.5	53.2	11.8
2003	3	26	57.2	14.0	37.5	3.1	47.5	8.6
2003	3	27	59.7	15.4	34.8	1.6	45.0	7.2
2003	3	28	61.1	16.2	40.6	4.8	51.5	10.8
2003	3	29	63.2	17.3	48.6	9.2	56.9	13.8
2003	3	30	47.5	8.6	30.3	-0.9	35.4	1.9
2003	3	31	36.2	2.3	26.1	-3.3	30.6	-0.8
2003	4	1	41.1	5.1	19.8	-6.8	31.3	-0.4
2003	4	2	76.0	24.4	37.4	3.0	54.0	12.2
2003	4	3	68.2	20.1	45.2	7.3	55.6	13.1
2003	4	4	48.5	9.2	37.1	2.8	42.4	5.8
2003	4	5	45.6	7.6	35.7	2.1	40.1	4.5
2003	4	6	43.0	6.1	29.9	-1.2	36.6	2.5
2003	4	7	34.4	1.3	28.6	-1.9	31.3	-0.4
2003	4	8	36.8	2.7	30.0	-1.1	33.3	0.7
2003	4	9	42.1	5.6	34.3	1.3	37.7	3.2
2003	4	10	58.3	14.6	37.3	2.9	46.0	7.8

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 19 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2003	4	11	45.8	7.7	36.8	2.7	42.8	6.0
2003	4	12	64.6	18.1	43.2	6.2	52.7	11.5
2003	4	13	57.1	13.9	36.7	2.6	47.3	8.5
2003	4	14	68.6	20.3	30.7	-0.7	50.6	10.3
2003	4	15	82.2	27.9	41.0	5.0	64.2	17.9
2003	4	16	83.2	28.4	49.1	9.5	65.1	18.4
2003	4	17	47.3	8.5	35.3	1.8	40.5	4.7
2003	4	18	44.3	6.8	35.1	1.7	39.2	4.0
2003	4	19	67.3	19.6	43.4	6.3	53.3	11.8
2003	4	20	69.8	21.0	37.0	2.8	55.2	12.9
2003	4	21	59.2	15.1	46.5	8.1	54.3	12.4
2003	4	22	58.9	14.9	45.0	7.2	53.7	12.0
2003	4	23	44.0	6.7	39.4	4.1	41.7	5.4
2003	4	24	58.9	14.9	35.1	1.7	47.3	8.5
2003	4	25	67.4	19.7	36.4	2.4	53.0	11.6
2003	4	26	54.9	12.7	51.8	11.0	53.2	11.8
2003	4	27	68.4	20.2	47.5	8.6	57.2	14.0
2003	4	28	78.3	25.7	37.4	3.0	60.0	15.5
2003	4	29	68.9	20.5	47.9	8.8	57.2	14.0
2003	4	30	67.0	19.4	42.0	5.6	54.9	12.7
2003	5	1	78.7	25.9	57.4	14.1	66.5	19.2
2003	5	2	75.1	23.9	53.2	11.8	64.4	18.0
2003	5	3	64.2	17.9	46.6	8.1	54.7	12.6
2003	5	4	67.1	19.5	42.0	5.6	55.0	12.8
2003	5	5	55.9	13.3	41.4	5.2	46.7	8.2
2003	5	6	69.1	20.6	43.2	6.2	54.5	12.5
2003	5	9	61.3	16.3	49.4	9.7	57.7	14.3
2003	5	10	71.2	21.8	45.0	7.2	58.5	14.7
2003	5	11	74.4	23.6	56.6	13.7	65.9	18.8
2003	5	12	65.6	18.7	50.2	10.1	55.8	13.2
2003	5	13	53.8	12.1	48.4	9.1	51.0	10.6
2003	5	14	59.3	15.2	45.7	7.6	52.7	11.5
2003	5	15	65.8	18.8	40.0	4.4	53.4	11.9
2003	5	16	57.4	14.1	49.0	9.4	54.2	12.4
2003	5	17	55.9	13.3	47.4	8.6	51.4	10.8
2003	5	18	68.6	20.3	43.8	6.6	55.1	12.9
2003	5	19	75.1	23.9	37.8	3.2	57.3	14.1
2003	5	20	75.4	24.1	42.2	5.7	60.4	15.8
2003	5	21	57.2	14.0	48.8	9.3	53.7	12.0
2003	5	22	57.8	14.3	49.1	9.5	53.5	11.9
2003	5	23	62.6	17.0	51.9	11.1	54.9	12.7
2003	5	24	57.7	14.3	53.1	11.7	55.6	13.1
2003	5	25	65.8	18.8	54.0	12.2	59.3	15.2
2003	5	26	59.2	15.1	52.6	11.4	56.8	13.8
2003	5	27	64.3	17.9	51.0	10.6	56.6	13.6
2003	5	28	65.5	18.6	51.4	10.8	55.9	13.3

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 20 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2003	5	29	70.9	21.6	50.8	10.4	59.9	15.5
2003	5	30	73.1	22.8	51.3	10.7	62.8	17.1
2003	5	31	62.8	17.1	56.3	13.5	59.5	15.3
2003	6	1	59.2	15.1	47.2	8.4	52.3	11.3
2003	6	2	68.9	20.5	43.0	6.1	55.7	13.2
2003	6	3	60.2	15.7	45.5	7.5	52.1	11.1
2003	6	4	59.3	15.2	51.7	10.9	55.2	12.9
2003	6	5	65.5	18.6	55.2	12.9	59.5	15.3
2003	6	6	70.8	21.6	55.2	12.9	61.1	16.2
2003	6	7	60.8	16.0	52.1	11.2	57.3	14.1
2003	6	8	67.8	19.9	57.5	14.2	62.4	16.9
2003	6	9	72.9	22.7	59.9	15.5	66.2	19.0
2003	6	10	78.1	25.6	52.3	11.3	66.7	19.3
2003	6	11	76.2	24.6	67.6	19.8	70.8	21.6
2003	6	12	73.7	23.2	66.3	19.1	69.7	21.0
2003	6	13	80.7	27.1	67.1	19.5	73.8	23.2
2003	6	14	77.9	25.5	66.3	19.1	70.8	21.6
2003	6	15	77.3	25.2	57.4	14.1	67.5	19.7
2003	6	16	75.4	24.1	47.8	8.8	63.0	17.2
2003	6	17	70.8	21.6	50.5	10.3	61.3	16.3
2003	6	18	65.5	18.6	56.3	13.5	60.9	16.0
2003	6	19	76.7	24.8	57.3	14.1	65.4	18.6
2003	6	20	64.2	17.9	58.0	14.4	60.6	15.9
2003	6	21	62.1	16.7	58.0	14.4	59.8	15.4
2003	6	22	68.1	20.1	55.6	13.1	60.9	16.1
2003	6	23	87.4	30.8	54.2	12.3	69.6	20.9
2003	6	24	89.1	31.7	55.5	13.1	71.7	22.1
2003	6	25	89.2	31.8	57.0	13.9	73.2	22.9
2003	6	26	88.7	31.5	64.4	18.0	76.7	24.9
2003	6	27	82.2	27.9	62.6	17.0	72.6	22.5
2003	6	28	80.9	27.2	55.3	12.9	68.2	20.1
2003	6	29	82.6	28.1	60.0	15.6	71.3	21.8
2003	6	30	78.5	25.8	63.2	17.3	69.9	21.0
2003	7	1	80.9	27.2	56.9	13.8	68.3	20.2
2003	7	2	82.5	28.1	59.2	15.1	71.7	22.1
2003	7	3	85.3	29.6	61.7	16.5	73.8	23.2
2003	7	4	88.6	31.4	64.3	17.9	75.1	23.9
2003	7	5	86.7	30.4	67.4	19.7	77.2	25.1
2003	7	6	87.9	31.1	69.3	20.7	77.7	25.4
2003	7	7	83.6	28.7	68.1	20.1	74.1	23.4
2003	7	8	86.7	30.4	68.6	20.3	76.4	24.7
2003	7	9	74.5	23.6	61.2	16.2	69.3	20.7
2003	7	10	68.3	20.2	58.3	14.6	63.9	17.7
2003	7	11	82.1	27.8	63.5	17.5	71.3	21.8
2003	7	12	78.7	25.9	57.5	14.2	68.7	20.4
2003	7	13	77.5	25.3	56.1	13.4	67.3	19.6

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}

(Page 21 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2003	7	14	80.7	27.1	57.6	14.2	69.0	20.5
2003	7	15	82.5	28.1	58.0	14.4	71.2	21.8
2003	7	16	84.7	29.3	67.4	19.7	76.7	24.9
2003	7	17	80.0	26.7	56.5	13.6	68.3	20.2
2003	7	18	74.9	23.8	61.8	16.6	67.4	19.7
2003	7	19	78.0	25.6	56.3	13.5	67.5	19.7
2003	7	20	80.7	27.1	54.2	12.3	68.7	20.4
2003	7	21	85.9	29.9	68.3	20.2	75.0	23.9
2003	7	22	71.5	21.9	63.4	17.4	67.5	19.7
2003	7	23	77.6	25.3	66.7	19.3	70.2	21.2
2003	7	24	75.7	24.3	61.2	16.2	69.0	20.6
2003	7	25	81.7	27.6	57.8	14.3	69.1	20.6
2003	7	26	83.5	28.6	57.7	14.3	71.1	21.7
2003	7	27	84.9	29.4	66.5	19.2	73.5	23.1
2003	7	28	77.0	25.0	66.8	19.3	71.6	22.0
2003	7	29	78.8	26.0	54.8	12.7	67.2	19.5
2003	7	30	82.2	27.9	56.8	13.8	69.7	21.0
2003	7	31	77.1	25.1	56.4	13.6	68.3	20.2
2003	8	1	75.7	24.3	66.0	18.9	71.0	21.7
2003	8	2	84.5	29.2	68.9	20.5	76.3	24.6
2003	8	3	81.8	27.7	68.4	20.2	74.0	23.3
2003	8	4	80.6	27.0	68.8	20.4	73.4	23.0
2003	8	5	79.1	26.2	66.7	19.3	70.4	21.3
2003	8	6	78.6	25.9	64.2	17.9	70.3	21.3
2003	8	7	81.2	27.3	63.2	17.3	72.2	22.3
2003	8	8	83.8	28.8	65.4	18.6	72.9	22.7
2003	8	9	79.2	26.2	68.8	20.4	73.7	23.2
2003	8	10	84.1	28.9	70.6	21.4	75.7	24.3
2003	8	11	75.2	24.0	68.3	20.2	70.3	21.3
2003	8	12	83.9	28.8	68.3	20.2	74.8	23.8
2003	8	13	86.9	30.5	67.3	19.6	74.8	23.8
2003	8	14	87.1	30.6	67.4	19.7	75.5	24.2
2003	8	15	86.0	30.0	65.0	18.3	73.8	23.2
2003	8	16	81.5	27.5	65.3	18.5	70.8	21.5
2003	8	17	78.2	25.7	62.5	16.9	69.9	21.0
2003	8	18	76.1	24.5	57.0	13.9	65.6	18.7
2003	8	19	82.0	27.8	57.3	14.1	68.5	20.3
2003	8	20	83.6	28.7	59.0	15.0	70.7	21.5
2003	8	21	85.5	29.7	63.0	17.2	73.7	23.2
2003	8	22	85.9	29.9	67.4	19.7	75.3	24.0
2003	8	23	77.1	25.1	58.5	14.7	68.3	20.2
2003	8	24	74.2	23.4	49.5	9.7	62.1	16.7
2003	8	25	83.2	28.4	57.8	14.3	69.7	20.9
2003	8	26	78.9	26.1	62.8	17.1	69.6	20.9
2003	8	27	81.8	27.7	65.8	18.8	72.6	22.6
2003	8	28	78.9	26.1	57.4	14.1	67.9	19.9

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 22 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2003	8	29	83.2	28.4	58.2	14.6	70.8	21.5
2003	8	30	70.6	21.4	59.1	15.1	67.4	19.7
2003	8	31	73.4	23.0	50.3	10.2	61.4	16.3
2003	9	1	66.5	19.2	61.6	16.4	63.5	17.5
2003	9	2	68.1	20.1	60.9	16.1	63.6	17.5
2003	9	3	68.1	20.1	60.8	16.0	64.2	17.9
2003	9	4	74.9	23.8	64.1	17.8	69.5	20.8
2003	9	5	67.2	19.6	55.1	12.8	62.2	16.8
2003	9	6	72.3	22.4	49.3	9.6	59.4	15.2
2003	9	7	74.9	23.8	51.9	11.1	61.1	16.1
2003	9	8	72.3	22.4	54.8	12.7	62.6	17.0
2003	9	9	73.4	23.0	53.9	12.2	64.2	17.9
2003	9	10	74.1	23.4	49.4	9.7	60.2	15.7
2003	9	11	78.2	25.7	51.9	11.1	64.6	18.1
2003	9	12	70.7	21.5	58.0	14.4	64.3	17.9
2003	9	13	72.2	22.3	61.2	16.2	67.0	19.4
2003	9	14	80.8	27.1	68.4	20.2	74.2	23.5
2003	9	15	71.3	21.8	64.5	18.1	68.5	20.3
2003	9	16	74.1	23.4	55.6	13.1	63.7	17.6
2003	9	17	74.2	23.4	51.3	10.7	61.8	16.5
2003	9	18	69.8	21.0	54.9	12.7	63.0	17.2
2003	9	19	74.1	23.4	64.4	18.0	69.5	20.8
2003	9	20	74.7	23.7	55.3	12.9	64.8	18.2
2003	9	21	70.1	21.2	50.7	10.4	60.0	15.6
2003	9	22	70.5	21.4	61.6	16.4	66.1	18.9
2003	9	23	70.3	21.3	51.3	10.7	63.9	17.7
2003	9	24	71.0	21.7	46.0	7.8	56.7	13.7
2003	9	25	69.9	21.1	49.8	9.9	59.4	15.2
2003	9	26	69.7	20.9	54.8	12.7	62.1	16.7
2003	9	27	76.8	24.9	64.3	17.9	69.7	20.9
2003	9	28	63.9	17.7	54.7	12.6	59.0	15.0
2003	9	29	58.5	14.7	48.9	9.4	53.8	12.1
2003	9	30	60.0	15.6	42.0	5.6	49.6	9.8
2003	10	1	54.2	12.3	42.1	5.6	48.4	9.1
2003	10	2	50.1	10.1	37.5	3.1	43.6	6.5
2003	10	3	55.3	12.9	32.9	0.5	43.7	6.5
2003	10	4	48.5	9.2	40.8	4.9	46.4	8.0
2003	10	5	53.3	11.8	37.4	3.0	44.0	6.7
2003	10	6	54.9	12.7	33.2	0.7	42.1	5.6
2003	10	7	63.5	17.5	33.8	1.0	46.6	8.1
2003	10	8	70.4	21.3	41.4	5.2	52.6	11.5
2003	10	9	76.9	24.9	44.9	7.2	58.2	14.6
2003	10	10	72.1	22.3	52.2	11.2	59.5	15.3
2003	10	11	76.0	24.4	47.4	8.6	57.9	14.4
2003	10	12	71.9	22.2	43.7	6.5	56.5	13.6
2003	10	13	69.2	20.7	45.2	7.3	56.6	13.7

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 23 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2003	10	14	64.9	18.3	44.9	7.2	54.8	12.7
2003	10	15	56.2	13.4	46.9	8.3	53.0	11.7
2003	10	16	58.6	14.8	38.5	3.6	49.1	9.5
2003	10	17	50.3	10.2	38.5	3.6	44.1	6.7
2003	10	18	52.6	11.4	39.0	3.9	44.3	6.8
2003	10	19	54.9	12.7	40.2	4.6	47.7	8.7
2003	10	20	59.8	15.4	33.5	0.8	45.9	7.7
2003	10	21	70.1	21.2	46.2	7.9	58.4	14.7
2003	10	22	54.1	12.3	39.0	3.9	45.4	7.5
2003	10	23	39.5	4.2	34.9	1.6	37.9	3.3
2003	10	24	50.3	10.2	32.5	0.3	39.5	4.2
2003	10	25	57.5	14.2	30.5	-0.8	45.1	7.3
2003	10	26	65.2	18.4	47.6	8.7	60.0	15.5
2003	10	27	61.3	16.3	42.7	5.9	54.5	12.5
2003	10	28	55.3	12.9	34.7	1.5	44.7	7.0
2003	10	29	48.5	9.2	44.7	7.1	46.3	7.9
2003	10	30	58.6	14.8	33.9	1.1	45.0	7.2
2003	10	31	69.2	20.7	37.7	3.2	52.0	11.1
2003	11	1	71.8	22.1	45.6	7.6	57.5	14.2
2003	11	2	63.0	17.2	50.5	10.3	57.0	13.9
2003	11	3	73.7	23.2	51.3	10.7	57.7	14.3
2003	11	7	52.9	11.6	43.5	6.4	47.8	8.8
2003	11	8	45.5	7.5	27.5	-2.5	36.1	2.3
2003	11	9	39.0	3.9	19.6	-6.9	28.6	-1.9
2003	11	10	45.7	7.6	20.1	-6.6	31.3	-0.4
2003	11	11	43.1	6.2	28.7	-1.8	36.9	2.7
2003	11	12	55.0	12.8	42.7	5.9	47.4	8.6
2003	11	13	57.0	13.9	34.9	1.6	44.0	6.7
2003	11	14	42.3	5.7	33.8	1.0	37.6	3.1
2003	11	15	48.0	8.9	32.0	0.0	41.3	5.2
2003	11	16	48.9	9.4	31.8	-0.1	40.8	4.9
2003	11	17	53.5	11.9	42.9	6.1	46.6	8.1
2003	11	18	54.4	12.4	40.8	4.9	47.1	8.4
2003	11	19	68.2	20.1	49.4	9.7	58.5	14.7
2003	11	20	48.4	9.1	33.9	1.1	44.9	7.2
2003	11	21	60.6	15.9	30.4	-0.9	42.5	5.8
2003	11	22	61.1	16.2	36.2	2.3	45.1	7.3
2003	11	23	58.8	14.9	36.2	2.3	46.6	8.1
2003	11	24	59.9	15.5	32.8	0.4	48.5	9.1
2003	11	25	36.4	2.4	29.0	-1.7	32.6	0.3
2003	11	26	43.3	6.3	29.5	-1.4	35.0	1.7
2003	11	27	53.6	12.0	30.9	-0.6	42.0	5.6
2003	11	28	60.7	15.9	39.5	4.2	49.0	9.4
2003	11	29	41.2	5.1	34.7	1.5	38.2	3.5
2003	11	30	47.6	8.7	33.0	0.6	38.8	3.8
2003	12	1	46.4	8.0	29.7	-1.3	39.3	4.0

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}

(Page 24 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2003	12	2	31.7	-0.2	21.5	-5.8	28.4	-2.0
2003	12	3	31.0	-0.6	19.7	-6.8	23.7	-4.6
2003	12	4	34.2	1.2	15.9	-8.9	23.8	-4.6
2003	12	5	32.5	0.3	24.0	-4.4	29.2	-1.6
2003	12	6	27.5	-2.5	22.7	-5.2	24.9	-3.9
2003	12	7	28.3	-2.1	22.2	-5.4	24.5	-4.2
2003	12	8	30.7	-0.7	15.3	-9.3	23.8	-4.6
2003	12	9	35.3	1.8	24.4	-4.2	29.9	-1.2
2003	12	10	50.2	10.1	34.2	1.2	40.4	4.7
2003	12	11	55.6	13.1	37.7	3.2	48.6	9.2
2003	12	12	37.3	2.9	29.4	-1.4	34.1	1.1
2003	12	13	30.2	-1.0	24.9	-3.9	27.0	-2.8
2003	12	14	30.3	-0.9	22.9	-5.1	26.6	-3.0
2003	12	15	36.3	2.4	24.4	-4.2	31.1	-0.5
2003	12	16	44.7	7.1	21.5	-5.8	33.0	0.6
2003	12	17	44.6	7.0	27.6	-2.4	35.0	1.7
2003	12	18	30.9	-0.6	27.7	-2.4	28.9	-1.7
2003	12	19	31.9	-0.1	27.9	-2.3	29.5	-1.4
2003	12	20	31.7	-0.2	24.8	-4.0	27.9	-2.3
2003	12	21	33.5	0.8	22.7	-5.2	27.5	-2.5
2003	12	22	40.2	4.6	22.0	-5.6	30.9	-0.6
2003	12	23	54.5	12.5	36.2	2.3	44.6	7.0
2003	12	24	55.9	13.3	37.2	2.9	46.9	8.3
2003	12	25	36.5	2.5	29.7	-1.3	32.8	0.4
2003	12	26	40.2	4.6	29.3	-1.5	33.4	0.8
2003	12	27	45.5	7.5	26.1	-3.3	33.8	1.0
2003	12	28	47.2	8.4	23.0	-5.0	31.9	-0.1
2003	12	29	50.5	10.3	26.2	-3.2	34.9	1.6
2003	12	30	42.5	5.8	30.6	-0.8	37.0	2.8
2003	12	31	44.4	6.9	30.0	-1.1	36.9	2.7
2004	1	1	43.3	6.3	30.9	-0.6	38.1	3.4
2004	1	2	42.2	5.7	31.7	-0.2	37.7	3.2
2004	1	3	48.9	9.4	40.3	4.6	46.0	7.8
2004	1	4	48.2	9.0	34.3	1.3	41.9	5.5
2004	1	5	39.8	4.3	34.2	1.2	37.4	3.0
2004	1	6	35.0	1.7	16.4	-8.7	28.0	-2.2
2004	1	7	20.9	-6.2	13.9	-10.1	17.6	-8.0
2004	1	8	27.6	-2.4	18.9	-7.3	23.7	-4.6
2004	1	9	26.3	-3.2	-0.1	-17.8	11.9	-11.2
2004	1	10	10.7	-11.8	-3.6	-19.8	2.9	-16.2
2004	1	11	26.8	-2.9	1.5	-16.9	13.9	-10.0
2004	1	12	37.5	3.1	24.4	-4.2	28.5	-1.9
2004	1	13	36.5	2.5	16.1	-8.8	31.3	-0.4
2004	1	14	15.1	-9.4	5.3	-14.8	10.3	-12.1
2004	1	15	12.1	-11.1	-0.5	-18.1	8.1	-13.3
2004	1	16	24.0	-4.4	-1.5	-18.6	10.8	-11.8

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 25 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2004	1	17	21.5	-5.8	7.9	-13.4	16.5	-8.6
2004	1	18	31.4	-0.3	20.1	-6.6	25.7	-3.5
2004	1	19	24.7	-4.1	18.5	-7.5	21.5	-5.8
2004	1	20	26.8	-2.9	17.0	-8.3	21.2	-6.0
2004	1	21	22.0	-5.6	12.8	-10.7	17.4	-8.1
2004	1	22	35.3	1.8	13.8	-10.1	23.1	-5.0
2004	1	23	14.4	-9.8	7.3	-13.7	10.6	-11.9
2004	1	24	18.7	-7.4	7.9	-13.4	12.3	-10.9
2004	1	25	13.6	-10.2	0.3	-17.6	8.3	-13.2
2004	1	26	18.6	-7.4	11.8	-11.2	15.1	-9.4
2004	1	27	24.9	-3.9	16.6	-8.6	20.5	-6.4
2004	1	28	25.7	-3.5	18.5	-7.5	22.3	-5.4
2004	1	29	23.4	-4.8	14.7	-9.6	19.6	-6.9
2004	1	30	19.1	-7.2	9.3	-12.6	14.2	-9.9
2004	1	31	21.5	-5.8	9.9	-12.3	15.5	-9.2
2004	2	1	32.1	0.1	12.6	-10.8	20.9	-6.2
2004	2	2	34.6	1.4	15.2	-9.3	24.3	-4.3
2004	2	3	37.8	3.2	26.6	-3.0	32.3	0.2
2004	2	4	36.5	2.5	28.0	-2.2	33.9	1.0
2004	2	5	29.0	-1.7	17.0	-8.3	24.9	-3.9
2004	2	6	39.0	3.9	26.7	-2.9	32.3	0.2
2004	2	7	37.3	2.9	25.7	-3.5	33.3	0.7
2004	2	8	28.5	-1.9	14.0	-10.0	21.7	-5.7
2004	2	9	42.8	6.0	10.1	-12.2	26.9	-2.8
2004	2	10	41.7	5.4	30.4	-0.9	36.6	2.6
2004	2	11	35.7	2.1	23.2	-4.9	30.3	-0.9
2004	2	12	39.1	3.9	17.5	-8.1	27.8	-2.3
2004	2	13	36.3	2.4	30.0	-1.1	33.3	0.7
2004	2	14	33.7	0.9	26.6	-3.0	29.6	-1.3
2004	2	15	31.2	-0.4	12.5	-10.8	20.4	-6.5
2004	2	16	26.0	-3.3	5.0	-15.0	14.8	-9.6
2004	2	17	32.7	0.4	9.1	-12.7	21.4	-5.9
2004	2	18	36.7	2.6	12.1	-11.1	25.2	-3.8
2004	2	19	44.0	6.7	26.8	-2.9	35.0	1.7
2004	2	20	44.2	6.8	25.4	-3.7	34.7	1.5
2004	2	21	42.6	5.9	32.8	0.4	37.1	2.8
2004	2	22	40.3	4.6	32.7	0.4	35.4	1.9
2004	2	23	41.0	5.0	23.4	-4.8	31.6	-0.2
2004	2	24	31.6	-0.2	25.8	-3.4	30.5	-0.9
2004	2	25	36.7	2.6	11.6	-11.3	25.8	-3.4
2004	2	26	39.2	4.0	16.6	-8.6	28.6	-1.9
2004	2	27	43.5	6.4	24.9	-3.9	33.4	0.8
2004	2	28	51.2	10.7	18.5	-7.5	33.0	0.6
2004	2	29	54.3	12.4	23.0	-5.0	36.8	2.7
2004	3	1	55.1	12.8	26.8	-2.9	39.6	4.2
2004	3	2	63.9	17.7	36.4	2.4	47.8	8.8

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 26 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2004	3	3	52.3	11.3	34.0	1.1	45.3	7.4
2004	3	4	50.5	10.3	38.0	3.3	42.8	6.0
2004	3	5	51.0	10.6	41.9	5.5	46.9	8.3
2004	3	6	56.3	13.5	42.3	5.7	50.3	10.2
2004	3	7	50.5	10.3	36.7	2.6	42.9	6.1
2004	3	8	41.8	5.4	35.5	1.9	37.9	3.3
2004	3	9	38.0	3.3	29.5	-1.4	33.2	0.7
2004	3	10	42.5	5.8	27.6	-2.4	34.6	1.5
2004	3	11	49.2	9.6	23.3	-4.8	36.6	2.6
2004	3	12	40.3	4.6	30.3	-0.9	34.6	1.5
2004	3	13	38.8	3.8	25.7	-3.5	31.7	-0.2
2004	3	14	43.2	6.2	21.6	-5.8	33.9	1.0
2004	3	15	52.0	11.1	36.6	2.6	43.9	6.6
2004	3	16	34.9	1.6	27.7	-2.4	30.2	-1.0
2004	3	17	33.2	0.7	27.1	-2.7	29.6	-1.3
2004	3	18	37.5	3.1	25.2	-3.8	31.8	-0.1
2004	3	19	37.9	3.3	27.1	-2.7	33.5	0.8
2004	3	20	46.7	8.2	20.4	-6.4	34.6	1.4
2004	3	21	40.7	4.8	28.5	-1.9	37.7	3.2
2004	3	22	30.8	-0.7	20.3	-6.5	26.0	-3.3
2004	3	23	46.0	7.8	14.5	-9.7	31.0	-0.6
2004	3	24	58.0	14.4	26.3	-3.2	43.1	6.2
2004	3	25	57.7	14.3	43.2	6.2	49.7	9.8
2004	3	26	70.3	21.3	39.8	4.3	55.9	13.3
2004	3	27	63.6	17.6	50.9	10.5	57.1	14.0
2004	3	28	66.2	19.0	47.0	8.3	54.0	12.2
2004	3	29	57.6	14.2	38.7	3.7	48.1	8.9
2004	3	30	43.9	6.6	33.0	0.6	39.7	4.3
2004	3	31	52.0	11.1	40.3	4.6	45.0	7.2
2004	4	1	52.9	11.6	44.1	6.7	47.4	8.6
2004	4	2	48.4	9.1	43.4	6.3	46.1	7.8
2004	4	3	48.6	9.2	42.3	5.7	45.1	7.3
2004	4	4	41.6	5.3	29.4	-1.4	37.9	3.3
2004	4	5	38.7	3.7	25.4	-3.7	31.8	-0.1
2004	4	6	52.9	11.6	29.8	-1.2	41.3	5.2
2004	4	7	61.9	16.6	43.1	6.2	50.7	10.4
2004	4	8	48.8	9.3	31.4	-0.3	40.0	4.4
2004	4	9	56.3	13.5	37.7	3.2	46.5	8.0
2004	4	10	59.4	15.2	30.5	-0.8	46.4	8.0
2004	4	11	46.1	7.8	37.2	2.9	42.9	6.1
2004	4	12	54.6	12.6	40.2	4.6	45.0	7.2
2004	4	13	54.7	12.6	41.4	5.2	46.9	8.3
2004	4	14	49.2	9.6	43.2	6.2	45.6	7.5
2004	4	15	53.7	12.1	42.1	5.6	47.2	8.4
2004	4	16	63.1	17.3	29.2	-1.6	46.5	8.1
2004	4	17	78.6	25.9	42.5	5.8	60.9	16.0

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 27 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2004	4	18	82.5	28.1	50.9	10.5	66.8	19.3
2004	4	19	86.1	30.1	49.3	9.6	69.7	20.9
2004	4	20	70.1	21.2	50.2	10.1	57.9	14.4
2004	4	21	68.5	20.3	47.8	8.8	57.5	14.1
2004	4	22	73.7	23.2	52.5	11.4	61.7	16.5
2004	4	23	55.4	13.0	51.2	10.7	53.1	11.7
2004	4	24	63.9	17.7	50.3	10.2	56.0	13.3
2004	4	25	50.0	10.0	43.5	6.4	46.3	7.9
2004	4	26	55.4	13.0	46.7	8.2	51.1	10.6
2004	4	27	58.3	14.6	39.8	4.3	49.7	9.8
2004	4	28	55.9	13.3	35.2	1.8	45.2	7.3
2004	4	29	79.1	26.2	39.8	4.3	60.9	16.0
2004	4	30	77.4	25.2	50.8	10.4	66.3	19.1
2004	5	1	79.2	26.2	57.5	14.2	68.9	20.5
2004	5	2	75.1	23.9	59.5	15.3	68.3	20.2
2004	5	7	75.1	23.9	52.7	11.5	63.5	17.5
2004	5	8	65.8	18.8	47.8	8.8	55.7	13.2
2004	5	9	71.6	22.0	47.2	8.4	58.6	14.8
2004	5	10	82.8	28.2	55.0	12.8	69.0	20.6
2004	5	11	83.2	28.4	60.0	15.6	71.7	22.0
2004	5	12	84.7	29.3	61.4	16.3	71.6	22.0
2004	5	13	87.4	30.8	61.1	16.2	75.1	23.9
2004	5	14	80.3	26.8	65.4	18.6	71.7	22.0
2004	5	15	82.4	28.0	61.2	16.2	68.2	20.1
2004	5	16	71.8	22.1	56.6	13.7	63.1	17.3
2004	5	17	78.0	25.6	53.5	11.9	66.1	19.0
2004	5	18	78.9	26.1	64.3	17.9	70.6	21.5
2004	5	19	67.7	19.8	55.8	13.2	63.4	17.5
2004	5	20	68.4	20.2	52.6	11.4	61.2	16.2
2004	5	21	78.7	25.9	64.1	17.8	69.7	20.9
2004	5	22	81.6	27.6	64.2	17.9	72.1	22.3
2004	5	23	83.4	28.6	66.9	19.4	74.4	23.6
2004	5	24	84.5	29.2	65.4	18.6	75.6	24.2
2004	5	25	75.4	24.1	58.4	14.7	67.1	19.5
2004	5	26	71.2	21.8	62.2	16.8	65.9	18.8
2004	5	27	74.2	23.4	58.8	14.9	66.3	19.1
2004	5	28	73.6	23.1	60.1	15.6	66.4	19.1
2004	5	29	62.6	17.0	47.1	8.4	55.3	12.9
2004	5	30	71.4	21.9	40.6	4.8	57.0	13.9
2004	5	31	61.1	16.2	53.5	11.9	56.4	13.6
2004	6	1	72.2	22.3	55.8	13.2	62.0	16.6
2004	6	2	73.1	22.8	53.0	11.7	61.8	16.5
2004	6	3	72.7	22.6	56.8	13.8	64.1	17.8
2004	6	4	70.2	21.2	47.2	8.4	59.9	15.5
2004	6	5	58.7	14.8	52.4	11.3	54.5	12.5
2004	6	6	61.0	16.1	51.7	10.9	55.7	13.2

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 28 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2004	6	7	79.5	26.4	52.3	11.3	64.9	18.3
2004	6	8	84.2	29.0	56.8	13.8	70.8	21.6
2004	6	9	88.4	31.3	61.9	16.6	75.3	24.1
2004	6	10	76.3	24.6	60.7	15.9	67.8	19.9
2004	6	11	63.9	17.7	55.5	13.1	60.0	15.6
2004	6	12	73.5	23.1	46.4	8.0	60.5	15.8
2004	6	13	65.8	18.8	52.0	11.1	61.2	16.2
2004	6	14	82.2	27.9	61.0	16.1	70.3	21.3
2004	6	15	84.2	29.0	65.8	18.8	72.6	22.6
2004	6	16	84.9	29.4	63.8	17.7	74.0	23.3
2004	6	17	83.0	28.3	68.5	20.3	74.1	23.4
2004	6	18	84.1	28.9	68.0	20.0	74.0	23.3
2004	6	19	74.6	23.7	60.7	15.9	68.8	20.4
2004	6	20	68.8	20.4	50.5	10.3	59.8	15.4
2004	6	21	76.6	24.8	48.1	8.9	63.2	17.4
2004	6	22	76.3	24.6	63.2	17.3	69.0	20.5
2004	6	23	78.5	25.8	59.1	15.1	68.5	20.3
2004	6	24	82.4	28.0	56.7	13.7	69.9	21.1
2004	6	25	71.7	22.1	61.6	16.4	66.9	19.4
2004	6	26	72.7	22.6	61.3	16.3	66.4	19.1
2004	6	27	73.7	23.2	48.5	9.2	62.6	17.0
2004	6	28	70.1	21.2	51.0	10.6	60.9	16.1
2004	6	29	74.0	23.3	53.9	12.2	64.1	17.9
2004	6	30	79.5	26.4	54.2	12.3	67.0	19.5
2004	7	1	81.3	27.4	56.8	13.8	70.0	21.1
2004	7	2	81.9	27.7	59.0	15.0	68.8	20.5
2004	7	3	80.9	27.2	55.9	13.3	68.8	20.4
2004	7	4	80.5	26.9	62.2	16.8	72.6	22.5
2004	7	5	87.0	30.6	71.6	22.0	78.3	25.7
2004	7	6	80.0	26.7	63.3	17.4	70.8	21.6
2004	7	7	82.1	27.8	60.3	15.7	71.4	21.9
2004	7	8	79.8	26.6	67.6	19.8	72.5	22.5
2004	7	9	73.4	23.0	62.0	16.7	68.2	20.1
2004	7	10	80.2	26.8	55.8	13.2	67.5	19.7
2004	7	11	84.8	29.3	60.2	15.7	71.9	22.2
2004	7	12	71.1	21.7	66.2	19.0	68.1	20.0
2004	7	13	76.5	24.7	64.9	18.3	69.7	20.9
2004	7	14	72.4	22.4	63.9	17.7	66.8	19.3
2004	7	15	74.0	23.3	62.2	16.8	67.1	19.5
2004	7	16	72.4	22.4	62.5	16.9	66.2	19.0
2004	7	17	80.7	27.1	60.2	15.7	69.5	20.8
2004	7	18	70.0	21.1	62.4	16.9	66.1	19.0
2004	7	19	78.9	26.1	62.2	16.8	67.9	20.0
2004	7	20	79.4	26.3	62.7	17.1	68.9	20.5
2004	7	21	83.6	28.7	59.6	15.3	70.9	21.6
2004	7	22	85.5	29.7	64.0	17.8	74.0	23.3

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 29 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2004	7	23	80.3	26.8	68.9	20.5	72.4	22.4
2004	7	24	74.7	23.7	61.4	16.3	68.4	20.2
2004	7	25	74.6	23.7	60.8	16.0	67.8	19.9
2004	7	26	74.5	23.6	60.9	16.1	68.3	20.2
2004	7	27	68.0	20.0	64.2	17.9	65.8	18.8
2004	7	28	78.9	26.1	63.4	17.4	68.0	20.0
2004	7	29	80.4	26.9	62.2	16.8	69.0	20.5
2004	7	30	84.2	29.0	62.2	16.8	73.3	23.0
2004	7	31	84.9	29.4	69.3	20.7	75.9	24.4
2004	8	1	84.7	29.3	69.1	20.6	75.0	23.9
2004	8	2	84.7	29.3	66.2	19.0	74.7	23.7
2004	8	3	86.7	30.4	65.3	18.5	74.5	23.6
2004	8	4	81.4	27.4	65.1	18.4	70.8	21.5
2004	8	5	73.2	22.9	59.6	15.3	66.4	19.1
2004	8	6	65.4	18.6	48.9	9.4	58.2	14.6
2004	8	7	64.1	17.8	53.3	11.8	58.5	14.7
2004	8	8	76.9	24.9	53.9	12.2	63.6	17.5
2004	8	9	79.9	26.6	54.2	12.3	66.6	19.2
2004	8	10	82.3	27.9	59.4	15.2	71.1	21.7
2004	8	11	81.0	27.2	64.0	17.8	72.0	22.2
2004	8	12	72.4	22.4	64.9	18.3	68.4	20.2
2004	8	13	74.2	23.4	63.6	17.6	67.0	19.4
2004	8	14	73.6	23.1	61.0	16.1	66.7	19.3
2004	8	15	77.5	25.3	62.3	16.8	68.1	20.1
2004	8	16	75.2	24.0	59.6	15.3	65.8	18.8
2004	8	17	77.8	25.4	55.8	13.2	65.3	18.5
2004	8	18	79.7	26.5	60.1	15.6	68.7	20.4
2004	8	19	77.6	25.3	63.5	17.5	70.1	21.2
2004	8	20	85.0	29.4	64.3	17.9	71.7	22.1
2004	8	21	69.8	21.0	58.0	14.4	65.7	18.7
2004	8	22	72.3	22.4	49.9	9.9	60.0	15.6
2004	8	23	79.6	26.4	52.5	11.4	65.2	18.5
2004	8	24	78.1	25.6	62.5	16.9	69.8	21.0
2004	8	25	76.8	24.9	66.8	19.3	71.0	21.7
2004	8	26	78.6	25.9	60.3	15.7	69.1	20.6
2004	8	27	81.6	27.6	68.6	20.3	74.1	23.4
2004	8	28	86.1	30.1	66.7	19.3	73.3	22.9
2004	8	29	85.5	29.7	66.7	19.3	75.7	24.3
2004	8	30	82.0	27.8	68.4	20.2	74.1	23.4
2004	8	31	76.8	24.9	60.1	15.6	69.9	21.1
2004	9	1	77.6	25.3	56.1	13.4	65.1	18.4
2004	9	2	76.0	24.4	53.4	11.9	63.6	17.6
2004	9	3	78.3	25.7	56.1	13.4	66.4	19.1
2004	9	4	80.7	27.1	56.8	13.8	67.7	19.8
2004	9	5	69.5	20.8	61.1	16.2	64.9	18.3
2004	9	6	74.3	23.5	55.6	13.1	65.6	18.7

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 30 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2004	9	7	80.2	26.8	63.2	17.3	71.5	21.9
2004	9	8	71.6	22.0	67.0	19.4	68.9	20.5
2004	9	9	79.7	26.5	66.3	19.1	73.3	22.9
2004	9	10	77.0	25.0	60.0	15.6	67.4	19.7
2004	9	11	74.7	23.7	55.5	13.1	63.9	17.7
2004	9	12	75.6	24.2	55.7	13.2	64.1	17.8
2004	9	13	79.4	26.3	57.0	13.9	65.1	18.4
2004	9	14	71.5	21.9	58.4	14.7	65.0	18.3
2004	9	15	72.2	22.3	58.1	14.5	64.6	18.1
2004	9	16	73.0	22.8	63.3	17.4	67.1	19.5
2004	9	17	69.0	20.6	61.2	16.2	64.2	17.9
2004	9	18	62.4	16.9	53.4	11.9	58.8	14.9
2004	9	19	63.1	17.3	46.6	8.1	54.5	12.5
2004	9	20	68.8	20.4	42.5	5.8	53.8	12.1
2004	9	21	75.2	24.0	47.8	8.8	58.7	14.8
2004	9	22	80.0	26.7	48.0	8.9	60.8	16.0
2004	9	23	79.9	26.6	52.7	11.5	64.7	18.2
2004	9	24	80.0	26.7	58.0	14.4	67.0	19.5
2004	9	25	76.7	24.8	56.1	13.4	65.6	18.7
2004	9	26	70.7	21.5	54.5	12.5	64.2	17.9
2004	9	27	72.1	22.3	50.8	10.4	60.4	15.8
2004	9	28	64.1	17.8	61.5	16.4	63.4	17.4
2004	9	29	67.2	19.6	59.5	15.3	62.5	16.9
2004	9	30	66.5	19.2	50.0	10.0	59.7	15.4
2004	10	1	70.1	21.2	44.4	6.9	54.1	12.3
2004	10	2	65.6	18.7	51.9	11.1	61.0	16.1
2004	10	3	64.3	17.9	43.1	6.2	52.4	11.3
2004	10	4	69.2	20.7	40.9	4.9	53.6	12.0
2004	10	5	55.9	13.3	39.1	3.9	48.2	9.0
2004	10	6	62.3	16.8	34.9	1.6	46.1	7.8
2004	10	7	72.7	22.6	39.7	4.3	53.8	12.1
2004	10	8	75.3	24.1	46.9	8.3	58.4	14.7
2004	10	9	69.7	20.9	48.6	9.2	58.2	14.6
2004	10	10	56.9	13.8	45.8	7.7	51.3	10.7
2004	10	11	52.9	11.6	45.3	7.4	48.9	9.4
2004	10	12	62.2	16.8	42.2	5.7	50.0	10.0
2004	10	13	61.5	16.4	37.3	2.9	48.7	9.3
2004	10	14	53.3	11.8	49.4	9.7	51.2	10.7
2004	10	15	58.5	14.7	47.9	8.8	53.6	12.0
2004	10	16	55.3	12.9	40.7	4.8	47.3	8.5
2004	10	17	48.8	9.3	37.9	3.3	43.6	6.5
2004	10	18	54.8	12.7	42.7	5.9	47.8	8.8
2004	10	19	48.8	9.3	45.7	7.6	47.3	8.5
2004	10	20	51.2	10.7	46.1	7.8	48.5	9.2
2004	10	21	49.0	9.4	44.2	6.8	47.0	8.3
2004	10	22	54.5	12.5	40.0	4.4	47.3	8.5

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 31 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2004	10	23	55.6	13.1	34.0	1.1	43.8	6.6
2004	10	24	49.8	9.9	37.9	3.3	45.0	7.2
2004	10	25	52.1	11.2	45.6	7.6	48.4	9.1
2004	10	26	54.5	12.5	44.3	6.8	49.9	9.9
2004	10	27	58.4	14.7	39.9	4.4	47.8	8.8
2004	10	28	60.5	15.8	38.6	3.7	49.0	9.5
2004	10	29	53.7	12.1	39.4	4.1	47.6	8.7
2004	10	30	65.7	18.7	51.9	11.1	58.1	14.5
2004	10	31	67.2	19.6	52.8	11.6	61.4	16.3
2004	11	1	57.0	13.9	46.2	7.9	51.4	10.8
2004	11	2	63.6	17.6	45.5	7.5	53.8	12.1
2004	11	4	44.7	7.1	30.9	-0.6	37.8	3.2
2004	11	5	50.6	10.3	39.0	3.9	46.0	7.8
2004	11	6	57.9	14.4	34.8	1.6	46.0	7.8
2004	11	7	66.7	19.3	34.9	1.6	50.9	10.5
2004	11	8	54.3	12.4	38.6	3.7	42.8	6.0
2004	11	9	38.9	3.8	27.7	-2.4	33.6	0.9
2004	11	10	45.1	7.3	23.0	-5.0	34.2	1.2
2004	11	11	56.9	13.8	37.4	3.0	45.2	7.3
2004	11	12	41.8	5.4	35.3	1.8	37.0	2.8
2004	11	13	39.4	4.1	30.7	-0.7	35.1	1.7
2004	11	14	47.5	8.6	22.1	-5.5	33.2	0.7
2004	11	15	53.0	11.7	23.4	-4.8	35.3	1.8
2004	11	16	53.7	12.1	29.1	-1.6	39.2	4.0
2004	11	17	50.6	10.3	30.4	-0.9	40.3	4.6
2004	11	18	52.3	11.3	42.4	5.8	47.2	8.4
2004	11	19	56.2	13.4	46.9	8.3	50.5	10.3
2004	11	20	48.9	9.4	45.0	7.2	47.2	8.4
2004	11	21	55.9	13.3	46.5	8.1	49.4	9.7
2004	11	22	48.1	8.9	40.3	4.6	44.0	6.7
2004	11	23	50.9	10.5	34.0	1.1	43.4	6.4
2004	11	24	61.3	16.3	49.5	9.7	53.8	12.1
2004	11	25	63.3	17.4	33.8	1.0	50.4	10.2
2004	11	26	41.1	5.1	29.3	-1.5	34.7	1.5
2004	11	27	49.3	9.6	34.8	1.6	43.5	6.4
2004	11	28	54.2	12.3	44.2	6.8	49.9	9.9
2004	11	29	43.5	6.4	32.7	0.4	38.8	3.8
2004	11	30	50.2	10.1	33.3	0.7	40.8	4.9
2004	12	1	48.9	9.4	39.2	4.0	44.2	6.8
2004	12	2	41.1	5.1	29.0	-1.7	36.6	2.5
2004	12	3	42.2	5.7	26.1	-3.3	33.1	0.6
2004	12	4	42.6	5.9	21.7	-5.7	33.2	0.6
2004	12	5	51.5	10.8	34.8	1.6	42.2	5.7
2004	12	6	40.5	4.7	31.7	-0.2	36.1	2.3
2004	12	7	49.6	9.8	39.0	3.9	42.5	5.8
2004	12	8	53.8	12.1	37.7	3.2	48.3	9.1

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 32 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2004	12	9	44.5	6.9	31.3	-0.4	37.9	3.3
2004	12	10	45.5	7.5	41.2	5.1	43.7	6.5
2004	12	11	46.8	8.2	39.3	4.1	42.4	5.8
2004	12	12	40.2	4.6	33.2	0.7	37.1	2.9
2004	12	13	39.8	4.3	31.1	-0.5	36.4	2.4
2004	12	14	33.1	0.6	23.6	-4.7	28.8	-1.8
2004	12	15	31.5	-0.3	18.9	-7.3	25.0	-3.9
2004	12	16	40.3	4.6	18.5	-7.5	28.9	-1.7
2004	12	17	37.8	3.2	25.5	-3.6	35.0	1.6
2004	12	18	38.2	3.4	18.6	-7.4	28.1	-2.1
2004	12	19	40.8	4.9	12.9	-10.6	27.6	-2.4
2004	12	20	11.6	-11.3	0.0	-17.8	5.9	-14.5
2004	12	21	31.8	-0.1	5.0	-15.0	17.8	-7.9
2004	12	22	48.8	9.3	18.1	-7.7	31.3	-0.4
2004	12	23	57.6	14.2	34.5	1.4	48.3	9.1
2004	12	24	33.5	0.8	22.0	-5.6	27.9	-2.3
2004	12	25	23.4	-4.8	14.0	-10.0	19.5	-7.0
2004	12	26	27.4	-2.6	12.3	-10.9	19.8	-6.8
2004	12	27	26.7	-2.9	15.3	-9.3	19.5	-7.0
2004	12	28	28.3	-2.1	8.3	-13.2	18.3	-7.6
2004	12	29	36.2	2.3	27.6	-2.4	32.0	0.0
2004	12	30	40.9	4.9	32.6	0.3	36.9	2.7
2004	12	31	50.9	10.5	40.5	4.7	45.7	7.6
2005	1	1	56.2	13.4	36.2	2.3	46.2	7.9
2005	1	2	40.7	4.8	32.1	0.1	37.0	2.8
2005	1	3	44.3	6.8	39.0	3.9	41.7	5.4
2005	1	4	46.0	7.8	39.1	3.9	43.2	6.2
2005	1	5	38.5	3.6	29.4	-1.4	34.0	1.1
2005	1	6	35.5	1.9	30.1	-1.1	33.6	0.9
2005	1	7	37.2	2.9	29.8	-1.2	33.1	0.6
2005	1	8	38.4	3.6	30.7	-0.7	34.5	1.4
2005	1	9	35.3	1.8	30.4	-0.9	32.5	0.3
2005	1	10	42.1	5.6	33.3	0.7	37.2	2.9
2005	1	11	35.4	1.9	29.8	-1.2	32.2	0.1
2005	1	12	40.2	4.6	36.2	2.3	37.9	3.3
2005	1	13	64.9	18.3	37.7	3.2	50.1	10.1
2005	1	14	62.8	17.1	30.4	-0.9	41.9	5.5
2005	1	15	29.0	-1.7	20.4	-6.4	24.3	-4.3
2005	1	16	27.0	-2.8	20.3	-6.5	23.4	-4.8
2005	1	17	23.4	-4.8	13.5	-10.3	19.4	-7.0
2005	1	18	12.9	-10.6	5.0	-15.0	8.6	-13.0
2005	1	19	18.8	-7.3	5.1	-14.9	12.8	-10.6
2005	1	20	24.5	-4.2	15.4	-9.2	20.6	-6.4
2005	1	21	13.7	-10.2	1.7	-16.8	8.6	-13.0
2005	1	22	16.9	-8.4	-1.9	-18.8	7.4	-13.7
2005	1	23	15.2	-9.3	6.1	-14.4	11.2	-11.5

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 33 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2005	1	24	17.3	-8.2	-0.9	-18.3	9.0	-12.8
2005	1	25	30.2	-1.0	17.0	-8.3	24.9	-3.9
2005	1	26	35.0	1.7	14.1	-9.9	28.1	-2.2
2005	1	27	15.0	-9.4	3.8	-15.7	9.1	-12.7
2005	1	28	20.0	-6.7	-7.0	-21.7	6.2	-14.3
2005	1	29	27.7	-2.4	-1.6	-18.7	13.8	-10.1
2005	1	30	38.3	3.5	23.7	-4.6	28.9	-1.7
2005	1	31	35.2	1.8	11.5	-11.4	23.5	-4.7
2005	2	1	37.0	2.8	8.3	-13.2	21.8	-5.7
2005	2	2	39.8	4.3	9.5	-12.5	23.1	-4.9
2005	2	3	40.0	4.4	20.8	-6.2	30.0	-1.1
2005	2	4	44.8	7.1	26.8	-2.9	34.9	1.6
2005	2	5	46.8	8.2	20.5	-6.4	32.4	0.2
2005	2	6	53.0	11.7	24.2	-4.3	35.6	2.0
2005	2	7	51.8	11.0	25.8	-3.4	37.2	2.9
2005	2	8	44.7	7.1	34.0	1.1	38.6	3.7
2005	2	9	46.5	8.1	36.8	2.7	40.9	4.9
2005	2	10	41.2	5.1	28.5	-1.9	35.2	1.8
2005	2	11	38.7	3.7	23.8	-4.6	30.7	-0.7
2005	2	12	37.5	3.1	28.0	-2.2	32.6	0.4
2005	2	13	37.7	3.2	28.1	-2.2	32.7	0.4
2005	2	14	45.8	7.7	30.6	-0.8	36.7	2.6
2005	2	15	51.3	10.7	35.5	1.9	44.2	6.8
2005	2	16	49.1	9.5	32.7	0.4	39.7	4.3
2005	2	17	34.9	1.6	25.7	-3.5	29.8	-1.2
2005	2	18	25.8	-3.4	17.8	-7.9	22.0	-5.6
2005	2	19	28.6	-1.9	12.9	-10.6	20.9	-6.2
2005	2	20	33.5	0.8	23.6	-4.7	28.7	-1.8
2005	2	21	34.4	1.3	29.0	-1.7	32.0	0.0
2005	2	22	38.4	3.6	32.2	0.1	34.7	1.5
2005	2	23	33.7	0.9	25.7	-3.5	30.9	-0.6
2005	2	24	26.6	-3.0	20.5	-6.4	23.3	-4.8
2005	2	25	30.9	-0.6	17.8	-7.9	23.5	-4.8
2005	2	26	37.2	2.9	12.9	-10.6	25.5	-3.6
2005	2	27	32.2	0.1	15.3	-9.3	24.7	-4.1
2005	2	28	32.3	0.2	25.5	-3.6	28.2	-2.1
2005	3	1	33.2	0.7	24.7	-4.1	28.3	-2.1
2005	3	2	30.7	-0.7	22.4	-5.3	27.1	-2.7
2005	3	3	31.2	-0.4	16.6	-8.6	24.0	-4.4
2005	3	4	31.2	-0.4	13.9	-10.1	23.7	-4.6
2005	3	5	39.2	4.0	8.7	-12.9	24.2	-4.3
2005	3	6	45.9	7.7	16.9	-8.4	32.1	0.1
2005	3	7	58.3	14.6	30.0	-1.1	45.4	7.4
2005	3	8	50.0	10.0	15.7	-9.1	28.4	-2.0
2005	3	9	26.1	-3.3	12.9	-10.6	19.0	-7.2
2005	3	10	28.8	-1.8	6.4	-14.2	19.3	-7.1

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}

(Page 34 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2005	3	11	39.0	3.9	23.2	-4.9	30.5	-0.8
2005	3	12	36.4	2.4	24.6	-4.1	31.0	-0.6
2005	3	13	38.1	3.4	25.3	-3.7	32.1	0.0
2005	3	14	34.8	1.6	22.8	-5.1	29.1	-1.6
2005	3	15	40.4	4.7	21.6	-5.8	31.4	-0.3
2005	3	16	40.9	4.9	22.9	-5.1	32.7	0.4
2005	3	17	46.0	7.8	23.2	-4.9	34.0	1.1
2005	3	18	45.6	7.6	28.7	-1.8	37.1	2.9
2005	3	19	51.4	10.8	25.8	-3.4	38.2	3.4
2005	3	20	42.9	6.1	38.6	3.7	41.0	5.0
2005	3	21	40.7	4.8	36.2	2.3	38.7	3.7
2005	3	22	51.6	10.9	26.4	-3.1	38.7	3.7
2005	3	23	38.8	3.8	31.9	-0.1	35.3	1.9
2005	3	24	39.6	4.2	31.4	-0.3	35.3	1.8
2005	3	25	44.0	6.7	31.8	-0.1	38.1	3.4
2005	3	26	44.7	7.1	28.3	-2.1	36.9	2.7
2005	3	27	45.3	7.4	38.1	3.4	41.3	5.2
2005	3	28	46.0	7.8	36.5	2.5	40.9	4.9
2005	3	29	45.7	7.6	38.2	3.4	43.4	6.3
2005	3	30	61.3	16.3	30.1	-1.1	44.5	7.0
2005	3	31	52.3	11.3	42.5	5.8	48.2	9.0
2005	4	1	63.1	17.3	44.4	6.9	52.7	11.5
2005	4	2	56.0	13.3	44.7	7.1	49.4	9.7
2005	4	3	51.5	10.8	34.0	1.1	39.4	4.1
2005	4	4	56.4	13.6	38.4	3.6	46.3	8.0
2005	4	5	63.2	17.3	33.0	0.6	49.3	9.6
2005	4	6	78.4	25.8	39.5	4.2	58.1	14.5
2005	4	7	75.4	24.1	47.6	8.7	61.1	16.1
2005	4	8	62.3	16.8	43.3	6.3	53.1	11.7
2005	4	9	65.5	18.6	36.6	2.6	51.9	11.1
2005	4	10	72.2	22.3	34.4	1.3	54.2	12.4
2005	4	11	58.7	14.8	42.9	6.1	52.1	11.2
2005	4	12	55.7	13.2	31.0	-0.6	43.9	6.6
2005	4	13	58.5	14.7	30.3	-0.9	45.7	7.6
2005	4	14	64.8	18.2	35.1	1.7	51.2	10.6
2005	4	15	59.8	15.4	40.0	4.4	49.1	9.5
2005	4	16	66.3	19.1	31.1	-0.5	49.2	9.5
2005	4	17	73.4	23.0	33.5	0.8	53.8	12.1
2005	4	18	72.7	22.6	40.6	4.8	57.8	14.3
2005	4	19	80.4	26.9	44.7	7.1	63.1	17.3
2005	4	20	81.0	27.2	52.9	11.6	68.9	20.5
2005	4	21	65.4	18.6	44.2	6.8	52.9	11.6
2005	4	22	55.2	12.9	34.5	1.4	45.2	7.3
2005	4	23	66.0	18.9	44.4	6.9	53.1	11.7
2005	4	24	50.4	10.2	36.1	2.3	41.4	5.2
2005	4	25	47.2	8.4	34.7	1.5	40.8	4.9

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 35 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2005	4	26	68.4	20.2	35.9	2.2	53.8	12.1
2005	4	27	64.3	17.9	50.8	10.4	57.1	13.9
2005	4	28	57.1	13.9	44.5	6.9	50.5	10.3
2005	4	29	57.4	14.1	34.0	1.1	47.3	8.5
2005	4	30	57.5	14.2	48.7	9.3	53.2	11.8
2005	5	1	56.8	13.8	45.2	7.3	52.0	11.1
2005	5	2	51.3	10.7	34.5	1.4	42.9	6.0
2005	5	3	51.9	11.1	30.9	-0.6	41.7	5.4
2005	5	4	53.4	11.9	34.2	1.2	45.7	7.6
2005	5	7	65.8	18.8	35.2	1.8	52.8	11.6
2005	5	8	65.6	18.7	51.5	10.8	59.0	15.0
2005	5	9	77.9	25.5	43.4	6.3	63.0	17.2
2005	5	10	77.5	25.3	54.5	12.5	66.5	19.1
2005	5	11	86.1	30.1	53.0	11.7	70.3	21.3
2005	5	12	69.6	20.9	46.2	7.9	56.7	13.7
2005	5	13	67.3	19.6	33.6	0.9	51.9	11.0
2005	5	14	79.0	26.1	52.8	11.6	64.4	18.0
2005	5	15	71.8	22.1	59.8	15.4	65.1	18.4
2005	5	16	61.7	16.5	46.6	8.1	56.6	13.7
2005	5	17	62.1	16.7	42.0	5.6	53.3	11.8
2005	5	18	65.4	18.6	39.5	4.2	53.0	11.7
2005	5	19	69.4	20.8	39.5	4.2	56.3	13.5
2005	5	20	59.8	15.4	47.3	8.5	53.6	12.0
2005	5	21	66.8	19.3	43.0	6.1	53.5	11.9
2005	5	22	56.7	13.7	49.4	9.7	52.6	11.4
2005	5	23	61.3	16.3	43.3	6.3	53.6	12.0
2005	5	24	56.9	13.8	50.4	10.2	53.5	12.0
2005	5	25	58.0	14.4	48.2	9.0	52.4	11.3
2005	5	26	73.4	23.0	49.2	9.6	62.1	16.7
2005	5	27	78.3	25.7	47.7	8.7	61.9	16.6
2005	5	28	68.4	20.2	47.6	8.7	56.4	13.6
2005	5	29	68.1	20.1	48.4	9.1	55.0	12.8
2005	5	30	68.3	20.2	44.3	6.8	54.6	12.6
2005	5	31	73.1	22.8	48.5	9.2	58.8	14.9
2005	6	1	77.3	25.2	52.7	11.5	66.6	19.2
2005	6	2	76.0	24.4	52.6	11.4	65.9	18.8
2005	6	3	62.0	16.7	57.0	13.9	60.0	15.5
2005	6	4	72.8	22.7	59.6	15.3	65.5	18.6
2005	6	5	84.5	29.2	59.3	15.2	70.3	21.3
2005	6	6	86.0	30.0	62.7	17.1	69.1	20.6
2005	6	7	87.0	30.6	61.7	16.5	71.9	22.2
2005	6	8	90.6	32.6	61.2	16.2	76.2	24.6
2005	6	9	87.0	30.6	64.4	18.0	75.7	24.3
2005	6	10	83.4	28.6	70.3	21.3	76.5	24.7
2005	6	11	85.3	29.6	72.5	22.5	78.7	25.9
2005	6	12	86.6	30.3	72.4	22.4	79.0	26.1

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 36 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2005	6	13	89.0	31.7	65.1	18.4	77.9	25.5
2005	6	14	90.3	32.4	71.3	21.8	80.5	26.9
2005	6	15	79.2	26.2	65.2	18.4	74.0	23.3
2005	6	16	72.9	22.7	57.2	14.0	65.2	18.5
2005	6	17	69.1	20.6	51.6	10.9	60.2	15.7
2005	6	18	66.7	19.3	55.4	13.0	61.2	16.2
2005	6	19	69.6	20.9	54.3	12.4	61.7	16.5
2005	6	20	76.5	24.7	54.2	12.3	65.6	18.7
2005	6	21	80.0	26.7	54.3	12.4	68.0	20.0
2005	6	22	77.5	25.3	57.8	14.3	67.6	19.8
2005	6	23	78.4	25.8	46.7	8.2	63.7	17.6
2005	6	24	85.2	29.6	51.7	10.9	70.1	21.2
2005	6	25	90.4	32.4	60.3	15.7	76.0	24.4
2005	6	26	92.4	33.6	65.3	18.5	77.6	25.3
2005	6	27	89.1	31.7	66.9	19.4	77.5	25.3
2005	6	28	91.3	32.9	70.0	21.1	79.8	26.6
2005	6	29	85.9	29.9	69.9	21.1	77.6	25.4
2005	6	30	85.1	29.5	68.0	20.0	74.7	23.7
2005	7	1	85.3	29.6	65.0	18.3	75.3	24.0
2005	7	2	75.3	24.1	61.8	16.6	70.1	21.2
2005	7	3	79.2	26.2	53.4	11.9	68.1	20.0
2005	7	4	84.4	29.1	59.5	15.3	74.0	23.3
2005	7	5	80.2	26.8	67.6	19.8	74.5	23.6
2005	7	6	79.7	26.5	67.0	19.4	72.6	22.6
2005	7	7	75.9	24.4	67.0	19.4	70.7	21.5
2005	7	8	69.5	20.8	63.8	17.7	66.5	19.2
2005	7	9	76.8	24.9	59.9	15.5	66.9	19.4
2005	7	10	87.1	30.6	60.8	16.0	73.2	22.9
2005	7	11	88.0	31.1	56.5	13.6	72.7	22.6
2005	7	12	89.1	31.7	66.0	18.9	77.5	25.3
2005	7	13	89.1	31.7	67.4	19.7	75.3	24.0
2005	7	14	83.9	28.8	67.2	19.6	75.4	24.1
2005	7	15	84.7	29.3	69.5	20.8	77.5	25.3
2005	7	16	83.2	28.4	72.8	22.7	76.5	24.7
2005	7	17	84.4	29.1	73.3	22.9	77.9	25.5
2005	7	18	87.2	30.7	73.9	23.3	80.0	26.7
2005	7	19	88.5	31.4	69.4	20.8	77.6	25.3
2005	7	20	86.0	30.0	67.2	19.6	75.7	24.3
2005	7	21	87.6	30.9	62.2	16.8	74.4	23.6
2005	7	22	85.9	29.9	66.4	19.1	75.1	23.9
2005	7	23	82.1	27.8	64.6	18.1	73.0	22.8
2005	7	24	82.8	28.2	55.3	12.9	70.5	21.4
2005	7	25	89.7	32.1	66.1	18.9	76.1	24.5
2005	7	26	91.0	32.8	63.3	17.4	77.1	25.1
2005	7	27	87.9	31.1	67.7	19.8	74.5	23.6
2005	7	28	78.7	25.9	58.1	14.5	68.3	20.2

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 37 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2005	7	29	81.8	27.7	56.7	13.7	69.0	20.6
2005	7	30	85.2	29.6	59.9	15.5	73.1	22.8
2005	7	31	85.3	29.6	63.0	17.2	74.1	23.4
2005	8	1	86.7	30.4	64.8	18.2	75.8	24.3
2005	8	2	91.3	32.9	66.9	19.4	77.7	25.4
2005	8	3	92.7	33.7	64.5	18.1	78.5	25.8
2005	8	4	94.3	34.6	66.7	19.3	80.3	26.8
2005	8	5	86.0	30.0	68.5	20.3	74.5	23.6
2005	8	6	81.8	27.7	59.4	15.2	70.6	21.4
2005	8	7	84.4	29.1	62.7	17.1	71.9	22.1
2005	8	8	77.9	25.5	67.8	19.9	71.6	22.0
2005	8	9	80.9	27.2	65.6	18.7	72.2	22.4
2005	8	10	87.6	30.9	64.4	18.0	75.2	24.0
2005	8	11	90.2	32.3	68.3	20.2	78.3	25.7
2005	8	12	91.9	33.3	67.6	19.8	77.4	25.2
2005	8	13	95.8	35.4	69.3	20.7	80.8	27.1
2005	8	14	93.7	34.3	70.2	21.2	79.8	26.6
2005	8	15	81.0	27.2	67.7	19.8	73.6	23.1
2005	8	16	72.4	22.4	66.7	19.3	69.9	21.0
2005	8	17	82.9	28.3	66.1	18.9	73.7	23.2
2005	8	18	84.0	28.9	56.4	13.6	71.3	21.8
2005	8	19	72.6	22.6	65.1	18.4	69.3	20.7
2005	8	20	84.5	29.2	68.3	20.2	75.1	23.9
2005	8	21	88.7	31.5	69.8	21.0	79.0	26.1
2005	8	22	79.5	26.4	59.8	15.4	69.9	21.1
2005	8	23	75.7	24.3	53.5	11.9	65.5	18.6
2005	8	24	76.1	24.5	54.3	12.4	66.5	19.2
2005	8	25	81.0	27.2	50.5	10.3	65.6	18.7
2005	8	26	79.7	26.5	56.1	13.4	67.5	19.7
2005	8	27	76.6	24.8	56.0	13.3	67.6	19.8
2005	8	28	78.5	25.8	66.1	18.9	70.3	21.3
2005	8	29	81.1	27.3	62.8	17.1	71.4	21.9
2005	8	30	77.9	25.5	71.9	22.2	74.7	23.7
2005	8	31	80.6	27.0	66.3	19.1	75.2	24.0
2005	9	1	79.6	26.4	62.1	16.7	69.9	21.1
2005	9	2	84.2	29.0	56.1	13.4	70.2	21.2
2005	9	3	76.2	24.6	55.1	12.8	66.6	19.2
2005	9	4	76.2	24.6	52.7	11.5	63.9	17.7
2005	9	5	80.0	26.7	52.4	11.3	65.3	18.5
2005	9	6	82.1	27.8	53.3	11.8	66.7	19.3
2005	9	7	83.1	28.4	53.3	11.8	67.5	19.7
2005	9	8	80.1	26.7	52.8	11.6	65.8	18.8
2005	9	9	79.2	26.2	58.2	14.6	67.0	19.4
2005	9	10	79.2	26.2	52.2	11.2	65.2	18.5
2005	9	11	80.8	27.1	46.0	7.8	62.8	17.1
2005	9	12	87.1	30.6	49.4	9.7	67.3	19.6

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}

(Page 38 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2005	9	13	89.9	32.2	57.7	14.3	72.6	22.5
2005	9	14	86.1	30.1	56.2	13.4	69.9	21.0
2005	9	15	88.9	31.6	68.3	20.2	77.4	25.2
2005	9	16	85.9	29.9	69.7	20.9	76.8	24.9
2005	9	17	77.8	25.4	63.1	17.3	71.0	21.7
2005	9	18	78.5	25.8	56.3	13.5	66.2	19.0
2005	9	19	82.2	27.9	54.7	12.6	67.3	19.6
2005	9	20	78.9	26.1	61.4	16.3	71.5	21.9
2005	9	21	80.9	27.2	52.4	11.3	66.6	19.2
2005	9	22	85.2	29.6	50.9	10.5	68.9	20.5
2005	9	23	79.6	26.4	61.4	16.3	69.9	21.1
2005	9	24	73.9	23.3	48.8	9.3	62.8	17.1
2005	9	25	70.4	21.3	62.6	17.0	66.5	19.2
2005	9	26	71.9	22.2	68.2	20.1	69.4	20.8
2005	9	27	69.0	20.6	50.5	10.3	63.0	17.2
2005	9	28	73.2	22.9	41.7	5.4	58.3	14.6
2005	9	29	67.4	19.7	46.9	8.3	61.4	16.4
2005	9	30	65.3	18.5	39.6	4.2	51.3	10.7
2005	10	1	74.3	23.5	41.3	5.2	56.1	13.4
2005	10	2	80.3	26.8	47.3	8.5	61.3	16.3
2005	10	3	80.7	27.1	49.9	9.9	63.6	17.5
2005	10	4	74.5	23.6	50.1	10.1	60.3	15.7
2005	10	5	79.7	26.5	56.6	13.7	66.6	19.2
2005	10	6	74.2	23.4	54.3	12.4	64.7	18.2
2005	10	7	71.8	22.1	67.5	19.7	69.6	20.9
2005	10	8	67.4	19.7	49.6	9.8	56.0	13.3
2005	10	9	55.3	12.9	48.8	9.3	51.8	11.0
2005	10	10	61.1	16.2	51.0	10.6	55.6	13.1
2005	10	11	62.0	16.7	58.3	14.6	59.7	15.4
2005	10	12	58.1	14.5	51.3	10.7	54.9	12.7
2005	10	13	57.8	14.3	50.9	10.5	54.5	12.5
2005	10	14	62.0	16.7	56.3	13.5	58.7	14.9
2005	10	15	68.4	20.2	51.7	10.9	59.8	15.4
2005	10	16	58.9	14.9	49.3	9.6	54.5	12.5
2005	10	17	60.8	16.0	45.6	7.6	53.0	11.6
2005	10	18	68.1	20.1	45.0	7.2	55.5	13.1
2005	10	19	72.4	22.4	39.3	4.1	56.1	13.4
2005	10	20	56.0	13.3	41.7	5.4	48.7	9.3
2005	10	21	52.9	11.6	45.3	7.4	48.8	9.3
2005	10	22	50.2	10.1	43.6	6.4	46.0	7.8
2005	10	23	52.4	11.3	41.4	5.2	46.9	8.3
2005	10	24	46.3	7.9	35.9	2.2	41.0	5.0
2005	10	25	43.0	6.1	38.0	3.3	39.5	4.1
2005	10	29	49.3	9.6	35.0	1.7	41.6	5.4
2005	10	30	61.8	16.6	36.4	2.4	47.1	8.4
2005	10	31	65.5	18.6	31.3	-0.4	46.0	7.8

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 39 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2005	11	1	66.7	19.3	34.5	1.4	50.0	10.0
2005	11	2	55.1	12.8	36.5	2.5	46.9	8.3
2005	11	3	64.8	18.2	31.3	-0.4	47.3	8.5
2005	11	4	72.9	22.7	36.5	2.5	53.8	12.1
2005	11	5	71.3	21.8	44.7	7.1	56.3	13.5
2005	11	6	72.4	22.4	47.4	8.6	57.8	14.3
2005	11	7	58.6	14.8	44.0	6.7	51.8	11.0
2005	11	8	60.2	15.7	35.6	2.0	46.5	8.1
2005	11	9	58.9	14.9	39.0	3.9	48.6	9.2
2005	11	10	56.2	13.4	41.5	5.3	47.6	8.7
2005	11	11	45.0	7.2	30.9	-0.6	40.7	4.8
2005	11	12	58.1	14.5	27.1	-2.7	39.9	4.4
2005	11	13	63.2	17.3	32.9	0.5	48.5	9.2
2005	11	14	60.3	15.7	42.0	5.6	53.3	11.8
2005	11	15	64.8	18.2	43.2	6.2	51.6	10.9
2005	11	16	67.1	19.5	42.4	5.8	58.3	14.6
2005	11	17	40.8	4.9	30.0	-1.1	36.0	2.2
2005	11	18	35.3	1.8	27.5	-2.5	30.0	-1.1
2005	11	19	45.3	7.4	23.5	-4.7	33.2	0.7
2005	11	20	54.5	12.5	25.3	-3.7	36.8	2.7
2005	11	21	45.1	7.3	27.8	-2.3	36.2	2.3
2005	11	22	43.5	6.4	30.9	-0.6	38.6	3.7
2005	11	23	31.5	-0.3	23.8	-4.6	28.2	-2.1
2005	11	24	39.2	4.0	18.9	-7.3	30.9	-0.6
2005	11	25	30.1	-1.1	16.6	-8.6	22.2	-5.5
2005	11	26	36.9	2.7	16.8	-8.4	28.1	-2.2
2005	11	27	48.9	9.4	29.6	-1.3	39.8	4.3
2005	11	28	63.5	17.5	43.6	6.4	55.1	12.8
2005	11	29	67.5	19.7	50.0	10.0	62.1	16.7
2005	11	30	49.4	9.7	39.5	4.2	43.5	6.4
2005	12	1	39.3	4.1	31.9	-0.1	36.1	2.3
2005	12	2	34.8	1.6	27.1	-2.7	32.3	0.2
2005	12	3	30.5	-0.8	25.1	-3.8	27.4	-2.6
2005	12	4	32.2	0.1	24.6	-4.1	28.1	-2.2
2005	12	5	32.1	0.1	23.4	-4.8	27.5	-2.5
2005	12	6	31.6	-0.2	23.7	-4.6	27.2	-2.7
2005	12	7	28.2	-2.1	18.6	-7.4	23.6	-4.7
2005	12	8	27.7	-2.4	11.3	-11.5	21.2	-6.0
2005	12	9	32.7	0.4	22.3	-5.4	27.3	-2.6
2005	12	10	30.5	-0.8	19.4	-7.0	26.0	-3.3
2005	12	11	29.7	-1.3	11.1	-11.6	21.5	-5.9
2005	12	12	31.7	-0.2	19.9	-6.7	28.5	-1.9
2005	12	13	21.7	-5.7	2.7	-16.3	12.5	-10.8
2005	12	14	18.6	-7.4	-3.1	-19.5	8.5	-13.1
2005	12	15	34.6	1.4	6.6	-14.1	18.6	-7.5
2005	12	16	42.1	5.6	31.1	-0.5	36.0	2.2

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 40 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2005	12	17	33.3	0.7	22.0	-5.6	28.7	-1.8
2005	12	18	34.4	1.3	17.2	-8.2	24.5	-4.1
2005	12	19	28.0	-2.2	18.7	-7.4	23.7	-4.6
2005	12	20	24.9	-3.9	14.1	-9.9	19.6	-6.9
2005	12	21	28.0	-2.2	14.5	-9.7	22.6	-5.2
2005	12	22	34.2	1.2	26.3	-3.2	29.4	-1.5
2005	12	23	44.0	6.7	27.9	-2.3	34.9	1.6
2005	12	24	50.5	10.3	26.4	-3.1	34.3	1.3
2005	12	25	44.5	6.9	26.0	-3.3	34.3	1.3
2005	12	26	39.6	4.2	34.8	1.6	36.7	2.6
2005	12	27	42.0	5.6	30.5	-0.8	37.4	3.0
2005	12	28	45.4	7.4	26.9	-2.8	35.5	2.0
2005	12	29	45.0	7.2	40.3	4.6	42.8	6.0
2005	12	30	42.8	6.0	31.2	-0.4	37.0	2.8
2005	12	31	34.5	1.4	29.2	-1.6	31.6	-0.3
2006	1	1	36.9	2.7	32.0	0.0	33.9	1.0
2006	1	2	39.2	4.0	31.3	-0.4	34.8	1.6
2006	1	3	39.3	4.1	34.7	1.5	37.0	2.8
2006	1	4	39.5	4.2	31.7	-0.2	36.2	2.3
2006	1	5	43.1	6.2	36.1	2.3	39.1	3.9
2006	1	6	38.2	3.4	24.6	-4.1	32.9	0.5
2006	1	7	30.0	-1.1	22.0	-5.6	26.3	-3.2
2006	1	8	39.9	4.4	29.8	-1.2	34.9	1.6
2006	1	9	54.8	12.7	31.7	-0.2	42.7	6.0
2006	1	10	45.6	7.6	31.3	-0.4	39.6	4.2
2006	1	11	48.2	9.0	33.4	0.8	43.1	6.1
2006	1	12	53.3	11.8	34.9	1.6	43.8	6.6
2006	1	13	58.4	14.7	30.2	-1.0	41.6	5.3
2006	1	14	59.5	15.3	29.4	-1.4	46.6	8.1
2006	1	15	28.3	-2.1	16.0	-8.9	22.0	-5.5
2006	1	16	28.7	-1.8	12.9	-10.6	19.1	-7.2
2006	1	17	41.1	5.1	17.3	-8.2	27.9	-2.3
2006	1	18	59.6	15.3	33.6	0.9	43.5	6.4
2006	1	19	40.6	4.8	27.7	-2.4	33.5	0.8
2006	1	20	56.1	13.4	28.1	-2.2	40.1	4.5
2006	1	21	56.5	13.6	36.7	2.6	44.9	7.2
2006	1	22	39.0	3.9	25.9	-3.4	33.8	1.0
2006	1	23	37.8	3.2	31.0	-0.6	34.2	1.2
2006	1	24	42.2	5.7	25.3	-3.7	33.6	0.9
2006	1	25	36.2	2.3	31.0	-0.6	34.0	1.1
2006	1	26	31.2	-0.4	22.9	-5.1	26.9	-2.9
2006	1	27	37.7	3.2	12.4	-10.9	24.2	-4.3
2006	1	28	53.3	11.8	25.2	-3.8	35.4	1.9
2006	1	29	45.4	7.4	30.0	-1.1	36.9	2.7
2006	1	30	55.4	13.0	32.2	0.1	41.7	5.4
2006	1	31	48.3	9.1	36.9	2.7	41.9	5.5

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 41 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2006	2	1	37.6	3.1	33.9	1.1	35.5	2.0
2006	2	2	48.0	8.9	30.9	-0.6	39.4	4.1
2006	2	3	51.5	10.8	42.0	5.6	47.5	8.6
2006	2	4	51.7	10.9	32.0	0.0	41.7	5.4
2006	2	5	45.5	7.5	33.0	0.6	38.6	3.6
2006	2	6	34.7	1.5	28.2	-2.1	32.0	0.0
2006	2	7	34.7	1.5	30.4	-0.9	32.2	0.1
2006	2	8	31.0	-0.6	23.7	-4.6	27.7	-2.4
2006	2	9	30.4	-0.9	19.4	-7.0	25.0	-3.9
2006	2	10	32.2	0.1	23.7	-4.6	27.4	-2.6
2006	2	11	37.6	3.1	24.1	-4.4	30.2	-1.0
2006	2	12	29.4	-1.4	22.9	-5.1	26.7	-3.0
2006	2	13	32.2	0.1	14.4	-9.8	24.5	-4.2
2006	2	14	42.0	5.6	26.1	-3.3	33.1	0.6
2006	2	15	56.4	13.6	24.9	-3.9	39.3	4.1
2006	2	16	63.6	17.6	30.9	-0.6	46.0	7.8
2006	2	17	55.0	12.8	29.9	-1.2	45.4	7.5
2006	2	18	28.6	-1.9	12.4	-10.9	22.1	-5.5
2006	2	19	25.8	-3.4	9.9	-12.3	16.7	-8.5
2006	2	20	32.9	0.5	18.6	-7.4	24.8	-4.0
2006	2	21	37.6	3.1	21.7	-5.7	28.8	-1.8
2006	2	22	44.7	7.1	20.3	-6.5	31.7	-0.2
2006	2	23	44.9	7.2	31.8	-0.1	36.3	2.4
2006	2	24	35.5	1.9	24.1	-4.4	30.9	-0.6
2006	2	25	48.3	9.1	22.0	-5.6	32.8	0.4
2006	2	26	27.4	-2.6	17.6	-8.0	20.7	-6.3
2006	2	27	27.9	-2.3	14.1	-9.9	20.2	-6.6
2006	2	28	32.4	0.2	16.5	-8.6	24.2	-4.4
2006	3	1	40.3	4.6	25.3	-3.7	30.5	-0.8
2006	3	2	31.2	-0.4	21.7	-5.7	26.9	-2.8
2006	3	3	29.8	-1.2	22.2	-5.4	25.5	-3.6
2006	3	4	39.2	4.0	23.7	-4.6	30.4	-0.9
2006	3	5	44.5	6.9	27.1	-2.7	35.5	1.9
2006	3	6	40.4	4.7	28.8	-1.8	34.2	1.2
2006	3	7	39.7	4.3	20.1	-6.6	30.8	-0.7
2006	3	8	46.1	7.8	19.3	-7.1	33.9	1.0
2006	3	9	55.8	13.2	39.8	4.3	46.7	8.2
2006	3	10	68.0	20.0	49.5	9.7	59.5	15.3
2006	3	11	60.6	15.9	37.6	3.1	51.5	10.9
2006	3	12	55.6	13.1	49.0	9.4	51.9	11.1
2006	3	13	74.1	23.4	49.0	9.4	59.3	15.2
2006	3	14	58.1	14.5	36.4	2.4	47.1	8.4
2006	3	15	40.3	4.6	32.2	0.1	36.1	2.3
2006	3	16	46.4	8.0	31.7	-0.2	38.1	3.4
2006	3	17	41.4	5.2	28.2	-2.1	34.0	1.1
2006	3	18	37.4	3.0	24.6	-4.1	31.1	-0.5

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 42 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2006	3	19	38.5	3.6	26.9	-2.8	32.5	0.3
2006	3	20	35.2	1.8	24.9	-3.9	31.4	-0.3
2006	3	21	39.8	4.3	20.2	-6.6	29.9	-1.2
2006	3	22	38.5	3.6	27.8	-2.3	33.4	0.8
2006	3	23	43.8	6.6	31.5	-0.3	36.6	2.5
2006	3	24	40.1	4.5	24.0	-4.4	32.8	0.5
2006	3	25	42.8	6.0	32.3	0.2	36.2	2.3
2006	3	26	45.3	7.4	33.1	0.6	39.0	3.9
2006	3	27	54.2	12.3	30.9	-0.6	43.2	6.2
2006	3	28	55.0	12.8	30.6	-0.8	43.7	6.5
2006	3	29	61.5	16.4	33.0	0.6	48.1	9.0
2006	3	30	64.6	18.1	31.6	-0.2	49.7	9.8
2006	3	31	74.7	23.7	36.7	2.6	57.1	14.0
2006	4	1	65.3	18.5	54.0	12.2	59.4	15.2
2006	4	2	61.9	16.6	42.6	5.9	51.6	10.9
2006	4	3	55.5	13.1	41.4	5.2	49.2	9.5
2006	4	4	48.0	8.9	39.6	4.2	44.3	6.8
2006	4	5	41.0	5.0	28.8	-1.8	36.4	2.4
2006	4	6	52.2	11.2	37.7	3.2	42.9	6.1
2006	4	7	54.6	12.6	33.3	0.7	44.9	7.2
2006	4	8	53.5	11.9	34.3	1.3	40.5	4.7
2006	4	9	52.9	11.6	25.5	-3.6	40.4	4.6
2006	4	10	59.9	15.5	29.0	-1.7	44.6	7.0
2006	4	11	72.0	22.2	36.8	2.7	55.9	13.3
2006	4	12	68.9	20.5	50.9	10.5	61.1	16.2
2006	4	13	69.4	20.8	48.8	9.3	59.5	15.3
2006	4	14	57.2	14.0	44.1	6.7	50.9	10.5
2006	4	15	76.1	24.5	48.5	9.2	61.3	16.3
2006	4	16	64.3	17.9	47.6	8.7	54.3	12.4
2006	4	17	61.2	16.2	34.9	1.6	50.0	10.0
2006	4	18	68.9	20.5	48.3	9.1	57.5	14.2
2006	4	19	72.1	22.3	41.2	5.1	58.6	14.8
2006	4	20	80.3	26.8	40.5	4.7	61.6	16.4
2006	4	21	65.6	18.7	49.1	9.5	56.5	13.6
2006	4	22	46.8	8.2	41.8	5.4	43.9	6.6
2006	4	23	61.5	16.4	42.6	5.9	50.0	10.0
2006	4	24	62.6	17.0	45.5	7.5	54.3	12.4
2006	4	25	68.8	20.4	42.3	5.7	52.8	11.5
2006	4	26	57.9	14.4	31.4	-0.3	45.5	7.5
2006	4	27	67.1	19.5	34.7	1.5	52.0	11.1
2006	4	28	61.0	16.1	36.0	2.2	50.8	10.4
2006	4	29	65.7	18.7	34.4	1.3	51.1	10.6
2006	4	30	72.2	22.3	35.5	1.9	55.0	12.8
2006	5	1	72.1	22.3	39.2	4.0	57.6	14.2
2006	5	2	73.6	23.1	39.3	4.1	57.7	14.3
2006	5	3	70.5	21.4	44.8	7.1	58.5	14.7

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 43 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2006	5	4	80.0	26.7	43.2	6.2	63.3	17.4
2006	5	5	73.7	23.2	59.0	15.0	66.0	18.9
2006	5	6	68.6	20.3	48.4	9.1	57.1	13.9
2006	5	7	65.7	18.7	35.9	2.2	52.3	11.3
2006	5	8	67.3	19.6	47.8	8.8	57.6	14.2
2006	5	9	70.2	21.2	46.7	8.2	58.8	14.9
2006	5	10	76.5	24.7	47.3	8.5	63.7	17.6
2006	5	11	62.5	16.9	57.2	14.0	59.6	15.3
2006	5	12	69.6	20.9	51.2	10.7	59.6	15.3
2006	5	13	68.3	20.2	48.2	9.0	57.3	14.0
2006	5	14	65.1	18.4	51.8	11.0	57.1	14.0
2006	5	15	57.2	14.0	48.8	9.3	52.6	11.4
2006	5	16	59.4	15.2	49.8	9.9	54.2	12.3
2006	5	17	67.3	19.6	51.7	10.9	58.4	14.7
2006	5	18	66.5	19.2	46.5	8.1	55.3	13.0
2006	5	19	56.2	13.4	45.7	7.6	49.7	9.8
2006	5	20	60.7	15.9	46.0	7.8	54.7	12.6
2006	5	21	60.0	15.6	39.5	4.2	50.3	10.2
2006	5	22	55.2	12.9	45.9	7.7	49.4	9.7
2006	5	23	63.9	17.7	40.5	4.7	53.2	11.8
2006	5	26	73.5	23.1	51.3	10.7	62.3	16.8
2006	5	27	76.1	24.5	60.4	15.8	67.6	19.8
2006	5	28	82.6	28.1	52.7	11.5	66.4	19.1
2006	5	29	90.1	32.3	54.0	12.2	72.4	22.4
2006	5	30	92.6	33.7	64.3	17.9	77.2	25.1
2006	5	31	87.8	31.0	63.0	17.2	74.4	23.6
2006	6	1	83.8	28.8	66.5	19.2	75.2	24.0
2006	6	2	72.3	22.4	63.8	17.7	68.2	20.1
2006	6	3	63.8	17.7	58.1	14.5	61.4	16.3
2006	6	4	62.1	16.7	56.2	13.4	59.0	15.0
2006	6	5	71.5	21.9	54.2	12.3	61.9	16.6
2006	6	6	74.2	23.4	51.4	10.8	64.2	17.9
2006	6	7	65.6	18.7	54.4	12.4	59.7	15.4
2006	6	8	67.4	19.7	55.3	12.9	60.4	15.8
2006	6	9	68.5	20.3	55.3	12.9	60.5	15.8
2006	6	10	64.9	18.3	53.2	11.8	57.9	14.4
2006	6	11	70.2	21.2	47.5	8.6	58.6	14.8
2006	6	12	64.3	17.9	47.8	8.8	57.9	14.4
2006	6	13	77.6	25.3	52.5	11.4	65.3	18.5
2006	6	14	73.2	22.9	57.6	14.2	63.2	17.3
2006	6	15	75.9	24.4	53.7	12.1	65.4	18.6
2006	6	16	80.5	26.9	47.7	8.7	64.9	18.3
2006	6	17	85.4	29.7	53.2	11.8	69.9	21.0
2006	6	18	89.7	32.1	58.9	14.9	75.7	24.3
2006	6	19	86.4	30.2	65.0	18.3	73.1	22.8
2006	6	20	80.9	27.2	64.9	18.3	71.1	21.7

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 44 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2006	6	21	80.2	26.8	57.8	14.3	69.8	21.0
2006	6	22	85.5	29.7	64.6	18.1	74.0	23.3
2006	6	23	73.3	22.9	65.2	18.4	68.2	20.1
2006	6	24	77.5	25.3	65.7	18.7	70.6	21.4
2006	6	25	71.3	21.8	66.4	19.1	68.8	20.4
2006	6	26	80.1	26.7	67.2	19.6	71.6	22.0
2006	6	27	79.5	26.4	67.5	19.7	72.1	22.3
2006	6	28	81.5	27.5	66.7	19.3	73.1	22.8
2006	6	29	80.8	27.1	59.5	15.3	70.7	21.5
2006	6	30	78.0	25.6	57.8	14.3	64.9	18.3
2006	7	1	81.4	27.4	54.2	12.3	67.6	19.8
2006	7	2	85.7	29.8	63.1	17.3	71.4	21.9
2006	7	3	84.2	29.0	66.5	19.2	74.4	23.5
2006	7	4	80.2	26.8	67.7	19.8	73.4	23.0
2006	7	5	79.7	26.5	68.1	20.1	72.3	22.4
2006	7	6	73.6	23.1	58.9	14.9	66.9	19.4
2006	7	7	78.0	25.6	53.0	11.7	65.3	18.5
2006	7	8	78.3	25.7	56.9	13.8	68.1	20.0
2006	7	9	80.8	27.1	59.5	15.3	70.1	21.2
2006	7	10	81.7	27.6	58.9	14.9	71.4	21.9
2006	7	11	85.4	29.7	68.1	20.1	78.1	25.6
2006	7	12	81.0	27.2	70.4	21.3	74.3	23.5
2006	7	13	81.1	27.3	67.3	19.6	74.1	23.4
2006	7	14	87.1	30.6	63.0	17.2	74.7	23.7
2006	7	15	82.7	28.2	66.9	19.4	72.9	22.7
2006	7	16	90.5	32.5	66.7	19.3	77.1	25.1
2006	7	17	92.4	33.6	67.2	19.6	78.9	26.1
2006	7	18	90.2	32.3	68.8	20.4	79.5	26.4
2006	7	19	86.9	30.5	68.3	20.2	77.4	25.2
2006	7	20	85.6	29.8	68.8	20.4	76.6	24.8
2006	7	21	86.4	30.2	70.4	21.3	75.4	24.1
2006	7	22	82.2	27.9	67.7	19.8	72.0	22.2
2006	7	23	76.6	24.8	63.0	17.2	69.5	20.8
2006	7	24	81.2	27.3	59.0	15.0	69.5	20.8
2006	7	25	84.8	29.3	60.9	16.1	73.6	23.1
2006	7	26	86.3	30.2	64.0	17.8	76.0	24.4
2006	7	27	87.6	30.9	68.6	20.3	75.3	24.0
2006	7	28	81.8	27.7	68.7	20.4	74.7	23.7
2006	7	29	86.7	30.4	66.2	19.0	76.2	24.5
2006	7	30	86.4	30.2	70.4	21.3	78.1	25.6
2006	7	31	89.0	31.7	67.5	19.7	78.2	25.7
2006	8	1	93.6	34.2	72.1	22.3	82.6	28.1
2006	8	2	93.6	34.2	74.8	23.8	83.8	28.8
2006	8	3	93.3	34.1	72.5	22.5	80.0	26.6
2006	8	4	83.9	28.8	66.3	19.1	75.7	24.3
2006	8	5	81.6	27.6	60.0	15.6	70.9	21.6

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 45 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2006	8	6	84.4	29.1	58.0	14.4	71.8	22.1
2006	8	7	85.0	29.4	68.2	20.1	76.3	24.6
2006	8	8	79.1	26.2	63.4	17.4	72.2	22.4
2006	8	9	79.8	26.6	51.8	11.0	66.0	18.9
2006	8	10	83.6	28.7	56.8	13.8	69.8	21.0
2006	8	11	75.0	23.9	61.2	16.2	67.9	19.9
2006	8	12	74.1	23.4	49.2	9.6	62.9	17.2
2006	8	13	77.9	25.5	46.3	7.9	62.5	16.9
2006	8	14	84.5	29.2	53.1	11.7	70.4	21.3
2006	8	15	81.9	27.7	63.4	17.4	73.6	23.1
2006	8	16	79.0	26.1	56.6	13.7	67.6	19.8
2006	8	17	82.8	28.2	56.2	13.4	68.7	20.4
2006	8	18	81.7	27.6	61.1	16.2	71.0	21.7
2006	8	19	77.5	25.3	62.8	17.1	70.6	21.4
2006	8	20	85.8	29.9	69.2	20.7	76.6	24.8
2006	8	21	79.4	26.3	63.8	17.7	70.7	21.5
2006	8	22	82.1	27.8	57.8	14.3	69.5	20.8
2006	8	23	79.6	26.4	57.9	14.4	68.0	20.0
2006	8	24	75.2	24.0	59.4	15.2	65.9	18.8
2006	8	25	76.5	24.7	59.9	15.5	66.7	19.3
2006	8	26	68.8	20.4	65.2	18.4	66.9	19.4
2006	8	27	70.2	21.2	65.8	18.8	67.3	19.6
2006	8	28	78.1	25.6	66.6	19.2	71.6	22.0
2006	8	29	73.4	23.0	67.0	19.4	69.7	21.0
2006	8	30	72.7	22.6	63.8	17.7	67.3	19.6
2006	8	31	70.0	21.1	58.3	14.6	64.1	17.8
2006	9	1	66.0	18.9	55.8	13.2	60.5	15.9
2006	9	2	64.1	17.8	54.1	12.3	59.4	15.2
2006	9	3	64.0	17.8	58.2	14.6	61.3	16.3
2006	9	4	71.1	21.7	57.1	13.9	63.1	17.3
2006	9	5	63.2	17.3	57.9	14.4	60.6	15.9
2006	9	6	70.6	21.4	57.2	14.0	63.1	17.3
2006	9	7	75.9	24.4	52.8	11.6	62.2	16.8
2006	9	8	79.4	26.3	53.6	12.0	65.2	18.4
2006	9	9	78.7	25.9	55.7	13.2	64.9	18.3
2006	9	10	65.2	18.4	57.8	14.3	61.0	16.1
2006	9	11	64.2	17.9	53.3	11.8	58.1	14.5
2006	9	12	66.9	19.4	49.8	9.9	58.9	15.0
2006	9	13	61.7	16.5	55.1	12.8	58.5	14.7
2006	9	14	63.6	17.6	59.5	15.3	61.5	16.4
2006	9	15	66.8	19.3	60.2	15.7	63.0	17.2
2006	9	16	71.7	22.1	60.4	15.8	65.1	18.4
2006	9	17	75.1	23.9	57.5	14.2	63.2	17.3
2006	9	18	80.6	27.0	55.5	13.1	66.6	19.2
2006	9	19	73.8	23.2	55.7	13.2	65.9	18.9
2006	9	20	61.2	16.2	49.5	9.7	55.3	12.9

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 46 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2006	9	21	63.4	17.4	43.1	6.2	52.4	11.3
2006	9	22	66.1	18.9	44.2	6.8	55.4	13.0
2006	9	23	72.0	22.2	59.3	15.2	64.6	18.1
2006	9	24	73.5	23.1	58.7	14.8	66.5	19.1
2006	9	25	67.8	19.9	52.5	11.4	60.0	15.5
2006	9	26	66.8	19.3	45.5	7.5	55.2	12.9
2006	9	27	70.6	21.4	45.1	7.3	57.7	14.3
2006	9	28	70.3	21.3	52.9	11.6	60.7	15.9
2006	9	29	58.9	14.9	46.8	8.2	53.3	11.8
2006	9	30	58.7	14.8	40.6	4.8	49.0	9.5
2006	10	1	65.2	18.4	51.5	10.8	57.3	14.1
2006	10	2	66.2	19.0	45.3	7.4	54.2	12.3
2006	10	3	76.9	24.9	47.8	8.8	60.6	15.9
2006	10	4	68.9	20.5	55.2	12.9	61.5	16.4
2006	10	5	62.6	17.0	47.8	8.8	53.8	12.1
2006	10	6	55.9	13.3	45.0	7.2	50.5	10.3
2006	10	7	60.7	15.9	41.0	5.0	48.8	9.3
2006	10	8	71.8	22.1	41.6	5.3	54.5	12.5
2006	10	9	75.8	24.3	46.7	8.2	59.1	15.1
2006	10	10	72.5	22.5	50.6	10.3	59.8	15.5
2006	10	11	62.1	16.7	55.4	13.0	60.3	15.7
2006	10	12	61.6	16.4	39.2	4.0	55.7	13.2
2006	10	13	51.2	10.7	30.0	-1.1	41.0	5.0
2006	10	14	53.1	11.7	30.5	-0.8	41.5	5.3
2006	10	15	52.8	11.6	29.1	-1.6	39.6	4.2
2006	10	16	59.6	15.3	31.2	-0.4	44.0	6.7
2006	10	17	61.4	16.3	44.0	6.7	53.7	12.1
2006	10	18	65.2	18.4	59.0	15.0	62.0	16.7
2006	10	19	70.3	21.3	53.2	11.8	61.4	16.3
2006	10	20	62.3	16.8	44.5	6.9	51.5	10.8
2006	10	21	55.2	12.9	40.4	4.7	46.8	8.2
2006	10	22	56.0	13.3	36.9	2.7	46.1	7.8
2006	10	23	46.6	8.1	40.8	4.9	44.0	6.7
2006	10	24	45.5	7.5	37.3	2.9	41.8	5.5
2006	10	25	47.7	8.7	39.9	4.4	43.9	6.6
2006	10	26	46.4	8.0	31.2	-0.4	41.3	5.2
2006	10	27	45.5	7.5	28.3	-2.1	37.6	3.1
2006	10	28	54.6	12.6	41.0	5.0	47.9	8.8
2006	10	29	47.4	8.6	38.8	3.8	43.3	6.3
2006	10	30	59.9	15.5	30.3	-0.9	44.2	6.8
2006	10	31	71.9	22.2	35.6	2.0	53.7	12.0
2006	11	2	48.0	8.9	38.6	3.7	43.9	6.6
2006	11	3	40.3	4.6	29.9	-1.2	35.7	2.1
2006	11	4	42.3	5.7	26.6	-3.0	33.7	1.0
2006	11	5	49.4	9.7	31.5	-0.3	39.3	4.0
2006	11	6	55.6	13.1	29.7	-1.3	41.0	5.0

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 47 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2006	11	7	53.7	12.1	33.1	0.6	43.6	6.4
2006	11	8	57.1	13.9	48.5	9.2	55.0	12.8
2006	11	9	64.2	17.9	51.9	11.1	57.8	14.3
2006	11	10	56.8	13.8	41.7	5.4	48.7	9.3
2006	11	11	68.3	20.2	41.8	5.4	55.6	13.1
2006	11	12	58.4	14.7	40.9	4.9	45.8	7.6
2006	11	13	47.5	8.6	41.2	5.1	44.2	6.8
2006	11	14	52.6	11.4	47.2	8.4	49.8	9.9
2006	11	15	63.4	17.4	49.4	9.7	55.3	12.9
2006	11	16	67.9	19.9	58.8	14.9	63.5	17.5
2006	11	17	63.8	17.7	42.0	5.6	51.5	10.9
2006	11	18	45.0	7.2	38.2	3.4	41.7	5.4
2006	11	19	42.4	5.8	33.4	0.8	39.1	4.0
2006	11	20	38.9	3.8	36.2	2.3	37.5	3.1
2006	11	21	42.7	5.9	29.4	-1.4	35.3	1.8
2006	11	22	41.4	5.2	27.9	-2.3	34.5	1.4
2006	11	23	43.0	6.1	35.3	1.8	39.4	4.1
2006	11	24	54.0	12.2	29.0	-1.7	38.2	3.4
2006	11	25	53.6	12.0	28.4	-2.0	38.4	3.5
2006	11	26	53.2	11.8	30.9	-0.6	40.5	4.7
2006	11	27	54.6	12.6	34.5	1.4	42.8	6.0
2006	11	28	57.9	14.4	36.3	2.4	46.1	7.8
2006	11	29	56.4	13.6	50.8	10.4	53.5	11.9
2006	11	30	64.9	18.3	51.7	10.9	58.9	15.0
2006	12	1	69.8	21.0	43.5	6.4	62.8	17.1
2006	12	2	42.4	5.8	32.1	0.1	38.6	3.6
2006	12	3	44.6	7.0	28.4	-2.0	34.5	1.4
2006	12	4	33.7	0.9	25.8	-3.4	30.5	-0.8
2006	12	5	33.2	0.7	25.3	-3.7	28.8	-1.8
2006	12	6	44.5	6.9	22.6	-5.2	34.8	1.6
2006	12	7	43.9	6.6	22.5	-5.3	36.0	2.2
2006	12	8	29.1	-1.6	16.3	-8.7	22.6	-5.3
2006	12	9	39.5	4.2	19.9	-6.7	28.5	-2.0
2006	12	10	52.2	11.2	28.7	-1.8	38.5	3.6
2006	12	11	50.7	10.4	29.9	-1.2	38.9	3.8
2006	12	12	51.7	10.9	38.1	3.4	44.6	7.0
2006	12	13	53.4	11.9	37.9	3.3	46.9	8.3
2006	12	14	57.9	14.4	33.1	0.6	43.1	6.1
2006	12	15	56.2	13.4	36.5	2.5	45.6	7.6
2006	12	16	47.0	8.3	32.7	0.4	42.4	5.8
2006	12	17	51.8	11.0	29.8	-1.2	39.7	4.3
2006	12	18	49.6	9.8	41.3	5.2	46.2	7.9
2006	12	19	38.7	3.7	28.4	-2.0	34.6	1.4
2006	12	20	43.2	6.2	23.8	-4.6	31.6	-0.3
2006	12	21	47.3	8.5	27.7	-2.4	36.4	2.4
2006	12	22	47.6	8.7	30.7	-0.7	37.9	3.3

Table 2.3-77— {SSES Daily Average and Extreme Temperatures (2001-2006)}
(Page 48 of 48)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2006	12	23	52.5	11.4	45.8	7.7	48.9	9.4
2006	12	24	49.4	9.7	36.8	2.7	43.9	6.6
2006	12	25	43.0	6.1	27.6	-2.4	34.9	1.6
2006	12	26	45.8	7.7	39.7	4.3	42.3	5.7
2006	12	27	38.9	3.8	32.1	0.1	36.5	2.5
2006	12	28	43.4	6.3	29.0	-1.7	36.2	2.3
2006	12	29	42.1	5.6	30.2	-1.0	36.0	2.2
2006	12	30	47.9	8.8	36.2	2.3	41.1	5.0
2006	12	31	43.0	6.1	28.1	-2.2	36.4	2.5

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 1 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2001	1	1	13.8	-10.1	6.9	-13.9	10.5	-11.9
2001	1	2	10.4	-12.0	3.5	-15.8	7.6	-13.6
2001	1	3	12.1	-11.1	5.3	-14.8	9.7	-12.4
2001	1	4	17.2	-8.2	11.6	-11.3	14.6	-9.7
2001	1	5	23.2	-4.9	10.9	-11.7	17.5	-8.1
2001	1	6	24.3	-4.3	16.4	-8.7	21.3	-5.9
2001	1	7	24.0	-4.4	18.0	-7.8	20.8	-6.3
2001	1	8	29.5	-1.4	21.7	-5.7	24.7	-4.0
2001	1	9	24.1	-4.4	6.7	-14.1	12.6	-10.8
2001	1	10	19.1	-7.2	7.4	-13.7	15.2	-9.4
2001	1	11	22.5	-5.3	14.1	-9.9	18.4	-7.5
2001	1	12	21.8	-5.7	13.2	-10.4	19.1	-7.2
2001	1	13	20.5	-6.4	13.8	-10.1	17.6	-8.0
2001	1	14	23.8	-4.6	15.3	-9.3	19.7	-6.8
2001	1	15	31.9	-0.1	24.6	-4.1	29.5	-1.4
2001	1	16	31.9	-0.1	26.2	-3.2	28.7	-1.8
2001	1	17	26.5	-3.1	22.8	-5.1	24.7	-4.1
2001	1	18	27.5	-2.5	21.4	-5.9	24.5	-4.2
2001	1	19	32.1	0.1	28.0	-2.2	30.2	-1.0
2001	1	20	27.0	-2.8	20.6	-6.3	23.3	-4.9
2001	1	21	20.9	-6.2	8.6	-13.0	12.1	-11.1
2001	1	22	15.2	-9.3	2.4	-16.4	10.3	-12.0
2001	1	23	18.4	-7.6	1.9	-16.7	11.2	-11.5
2001	1	24	22.9	-5.1	13.1	-10.5	17.9	-7.9
2001	1	25	23.0	-5.0	6.4	-14.2	14.7	-9.6
2001	1	26	15.1	-9.4	7.7	-13.5	11.2	-11.5
2001	1	27	26.8	-2.9	14.6	-9.7	21.1	-6.1
2001	1	28	20.8	-6.2	11.2	-11.6	13.8	-10.1
2001	1	29	18.3	-7.6	7.8	-13.4	13.7	-10.2
2001	1	30	35.7	2.1	18.4	-7.6	28.3	-2.1
2001	1	31	34.6	1.4	26.6	-3.0	30.3	-0.9
2001	2	1	29.1	-1.6	26.0	-3.3	27.6	-2.5
2001	2	2	27.5	-2.5	5.8	-14.6	23.7	-4.6
2001	2	3	11.5	-11.4	3.7	-15.7	7.9	-13.4
2001	2	4	18.0	-7.8	11.1	-11.6	14.0	-10.0
2001	2	5	29.7	-1.3	16.3	-8.7	26.1	-3.3
2001	2	6	31.4	-0.3	25.0	-3.9	28.6	-1.9
2001	2	7	31.4	-0.3	17.6	-8.0	22.3	-5.4
2001	2	8	24.7	-4.1	18.3	-7.6	21.1	-6.1
2001	2	9	40.9	4.9	25.3	-3.7	32.4	0.2
2001	2	10	44.1	6.7	3.6	-15.8	22.2	-5.5
2001	2	11	4.2	-15.4	-3.1	-19.5	1.4	-17.0
2001	2	12	13.0	-10.6	-0.3	-17.9	3.7	-15.8
2001	2	13	25.2	-3.8	15.4	-9.2	22.9	-5.0
2001	2	14	39.2	4.0	24.1	-4.4	32.7	0.4
2001	2	15	39.0	3.9	21.2	-6.0	28.0	-2.2

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 2 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2001	2	16	32.4	0.2	24.2	-4.3	28.2	-2.1
2001	2	17	32.3	0.2	-0.7	-18.2	14.7	-9.6
2001	2	18	7.1	-13.8	-0.6	-18.1	3.4	-15.9
2001	2	19	18.3	-7.6	6.8	-14.0	10.9	-11.7
2001	2	20	33.2	0.7	19.5	-6.9	25.6	-3.6
2001	2	21	34.2	1.2	-3.2	-19.6	12.9	-10.6
2001	2	22	13.1	-10.5	-2.1	-18.9	5.9	-14.5
2001	2	23	23.3	-4.8	11.9	-11.2	15.6	-9.1
2001	2	24	10.9	-11.7	7.1	-13.8	9.4	-12.6
2001	2	25	42.8	6.0	10.2	-12.1	29.8	-1.2
2001	2	26	39.0	3.9	18.6	-7.4	24.9	-4.0
2001	2	27	25.4	-3.7	17.6	-8.0	21.6	-5.8
2001	2	28	20.4	-6.4	1.5	-16.9	7.3	-13.7
2001	3	1	20.6	-6.3	8.4	-13.1	11.2	-11.6
2001	3	2	31.2	-0.4	24.3	-4.3	27.4	-2.6
2001	3	3	31.0	-0.6	20.9	-6.2	28.0	-2.2
2001	3	4	28.0	-2.2	19.5	-6.9	24.1	-4.4
2001	3	5	25.4	-3.7	13.3	-10.4	21.7	-5.7
2001	3	6	21.7	-5.7	7.8	-13.4	16.5	-8.6
2001	3	7	22.6	-5.2	16.0	-8.9	19.3	-7.1
2001	3	8	23.7	-4.6	19.4	-7.0	21.4	-5.9
2001	3	9	30.2	-1.0	20.9	-6.2	26.1	-3.3
2001	3	10	22.3	-5.4	16.1	-8.8	18.1	-7.7
2001	3	11	28.0	-2.2	17.4	-8.1	20.7	-6.3
2001	3	12	19.8	-6.8	8.0	-13.3	13.7	-10.2
2001	3	13	38.1	3.4	27.3	-2.6	33.4	0.8
2001	3	14	34.5	1.4	20.5	-6.4	25.9	-3.4
2001	3	15	30.0	-1.1	22.6	-5.2	26.2	-3.2
2001	3	16	36.5	2.5	26.3	-3.2	30.8	-0.7
2001	3	17	36.3	2.4	28.4	-2.0	34.0	1.1
2001	3	18	27.0	-2.8	10.3	-12.1	17.6	-8.0
2001	3	19	18.5	-7.5	12.4	-10.9	14.7	-9.6
2001	3	20	22.8	-5.1	15.5	-9.2	19.5	-7.0
2001	3	21	33.9	1.1	21.9	-5.6	28.3	-2.0
2001	3	22	33.8	1.0	25.2	-3.8	30.2	-1.0
2001	3	23	26.6	-3.0	14.3	-9.8	21.5	-5.9
2001	3	24	31.2	-0.4	7.9	-13.4	21.1	-6.1
2001	3	25	16.5	-8.6	8.1	-13.3	12.6	-10.8
2001	3	26	20.7	-6.3	2.7	-16.3	12.5	-10.8
2001	3	27	13.5	-10.3	3.0	-16.1	8.8	-12.9
2001	3	28	20.1	-6.6	15.1	-9.4	16.9	-8.4
2001	3	29	32.4	0.2	18.8	-7.3	25.0	-3.9
2001	3	30	36.6	2.6	30.9	-0.6	34.1	1.2
2001	3	31	30.9	-0.6	28.8	-1.8	29.8	-1.3
2001	4	1	31.3	-0.4	28.0	-2.2	29.2	-1.6
2001	4	2	32.0	0.0	24.4	-4.2	27.8	-2.3

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 3 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2001	4	3	35.3	1.8	23.5	-4.7	27.9	-2.3
2001	4	4	33.2	0.7	18.0	-7.8	25.8	-3.4
2001	4	5	25.8	-3.4	15.9	-8.9	21.3	-5.9
2001	4	6	44.7	7.1	24.4	-4.2	37.1	2.8
2001	4	7	44.5	6.9	31.6	-0.2	41.1	5.1
2001	4	8	44.3	6.8	29.9	-1.2	38.5	3.6
2001	4	9	55.8	13.2	36.7	2.6	46.4	8.0
2001	4	13	48.1	8.9	23.8	-4.6	36.5	2.5
2001	4	14	29.2	-1.6	22.3	-5.4	26.2	-3.2
2001	4	15	43.2	6.2	25.0	-3.9	31.3	-0.4
2001	4	16	43.1	6.2	36.5	2.5	38.7	3.7
2001	4	17	34.8	1.6	21.9	-5.6	30.2	-1.0
2001	4	18	20.7	-6.3	13.0	-10.6	16.0	-8.9
2001	4	19	24.4	-4.2	13.1	-10.5	19.4	-7.0
2001	4	20	41.8	5.4	23.0	-5.0	29.9	-1.2
2001	4	21	49.1	9.5	40.3	4.6	43.8	6.6
2001	4	22	55.8	13.2	46.7	8.2	52.0	11.1
2001	4	23	54.8	12.7	46.7	8.2	51.5	10.8
2001	4	24	53.2	11.8	26.9	-2.8	44.9	7.2
2001	4	25	28.4	-2.0	20.4	-6.4	23.9	-4.5
2001	4	26	30.1	-1.1	20.3	-6.5	25.3	-3.7
2001	4	27	38.5	3.6	28.1	-2.2	32.9	0.5
2001	4	28	31.9	-0.1	9.4	-12.6	17.7	-7.9
2001	4	29	29.2	-1.6	16.6	-8.6	22.2	-5.4
2001	4	30	33.5	0.8	22.0	-5.6	27.9	-2.3
2001	5	1	41.0	5.0	33.1	0.6	35.9	2.1
2001	5	2	47.3	8.5	33.5	0.8	41.3	5.2
2001	5	3	53.5	11.9	46.1	7.8	48.7	9.3
2001	5	4	55.8	13.2	48.0	8.9	51.4	10.8
2001	5	5	57.1	13.9	19.2	-7.1	37.1	2.8
2001	5	6	33.3	0.7	27.3	-2.6	29.7	-1.3
2001	5	7	34.5	1.4	17.4	-8.1	28.3	-2.1
2001	5	8	40.2	4.6	35.8	2.1	38.1	3.4
2001	5	9	51.9	11.1	35.9	2.2	44.3	6.8
2001	5	10	47.4	8.6	36.7	2.6	42.8	6.0
2001	5	11	49.8	9.9	41.7	5.4	45.1	7.3
2001	5	12	55.3	12.9	39.7	4.3	50.2	10.1
2001	5	13	39.8	4.3	22.2	-5.4	28.8	-1.8
2001	5	14	42.0	5.6	27.6	-2.4	33.9	1.1
2001	5	15	40.8	4.9	21.9	-5.6	30.8	-0.7
2001	5	16	40.2	4.6	31.4	-0.3	36.6	2.6
2001	5	17	46.6	8.1	39.8	4.3	42.8	6.0
2001	5	18	52.3	11.3	46.2	7.9	49.6	9.8
2001	5	19	53.2	11.8	43.7	6.5	48.8	9.3
2001	5	20	49.0	9.4	41.5	5.3	46.8	8.2
2001	5	21	51.4	10.8	41.4	5.2	46.4	8.0

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 4 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2001	5	22	56.8	13.8	51.7	10.9	54.1	12.3
2001	5	23	52.0	11.1	46.8	8.2	48.7	9.3
2001	5	24	51.4	10.8	45.0	7.2	48.5	9.2
2001	5	25	51.8	11.0	47.2	8.4	49.8	9.9
2001	5	26	52.2	11.2	49.8	9.9	50.8	10.4
2001	5	27	53.6	12.0	50.4	10.2	51.8	11.0
2001	5	28	50.7	10.4	43.5	6.4	46.7	8.2
2001	5	29	52.9	11.6	42.6	5.9	47.4	8.6
2001	5	30	42.1	5.6	23.0	-5.0	31.5	-0.3
2001	5	31	38.2	3.4	28.1	-2.2	32.3	0.1
2001	6	1	48.2	9.0	32.4	0.2	40.5	4.7
2001	6	2	54.7	12.6	48.1	8.9	51.2	10.7
2001	6	3	52.9	11.6	42.5	5.8	48.1	9.0
2001	6	4	50.6	10.3	44.3	6.8	45.8	7.7
2001	6	5	51.9	11.1	45.0	7.2	47.1	8.4
2001	6	6	51.9	11.1	47.4	8.6	49.9	10.0
2001	6	7	50.3	10.2	42.8	6.0	45.5	7.5
2001	6	8	47.7	8.7	35.0	1.7	42.1	5.6
2001	6	9	47.9	8.8	37.2	2.9	42.6	5.9
2001	6	10	54.8	12.7	42.1	5.6	47.5	8.6
2001	6	11	60.2	15.7	51.1	10.6	54.3	12.4
2001	6	12	63.3	17.4	54.3	12.4	58.5	14.7
2001	6	13	66.3	19.1	61.1	16.2	62.8	17.1
2001	6	14	64.7	18.2	60.9	16.1	62.9	17.1
2001	6	15	64.7	18.2	62.3	16.8	63.5	17.5
2001	6	16	66.5	19.2	60.9	16.1	64.2	17.9
2001	6	17	60.2	15.7	49.8	9.9	55.3	12.9
2001	6	18	58.4	14.7	49.6	9.8	53.6	12.0
2001	6	19	59.0	15.0	54.3	12.4	56.8	13.8
2001	6	20	62.7	17.1	57.3	14.1	60.4	15.8
2001	6	21	62.5	16.9	58.8	14.9	60.9	16.1
2001	6	22	63.3	17.4	59.2	15.1	61.5	16.4
2001	6	23	64.2	17.9	51.1	10.6	59.4	15.2
2001	6	24	56.8	13.8	49.4	9.7	51.9	11.1
2001	6	25	58.1	14.5	50.5	10.3	53.4	11.9
2001	6	26	61.1	16.2	53.5	11.9	56.9	13.8
2001	6	27	64.6	18.1	55.0	12.8	59.5	15.3
2001	6	28	65.2	18.4	54.1	12.3	60.7	15.9
2001	6	29	66.7	19.3	60.7	15.9	63.2	17.3
2001	6	30	65.7	18.7	59.2	15.1	63.0	17.2
2001	7	1	65.5	18.6	41.6	5.3	61.3	16.3
2001	7	2	46.7	8.2	34.7	1.5	38.7	3.7
2001	7	3	54.8	12.7	41.6	5.3	48.1	9.0
2001	7	4	61.9	16.6	54.8	12.7	59.8	15.4
2001	7	5	61.1	16.2	51.1	10.6	57.3	14.1
2001	7	6	53.5	11.9	42.8	6.0	46.7	8.2

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 5 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2001	7	7	54.0	12.2	45.5	7.5	48.6	9.2
2001	7	8	65.3	18.5	54.9	12.7	61.1	16.2
2001	7	9	63.3	17.4	57.3	14.1	59.9	15.5
2001	7	10	62.6	17.0	55.9	13.3	59.6	15.3
2001	7	11	60.0	15.6	46.3	7.9	52.6	11.4
2001	7	12	51.1	10.6	46.5	8.1	49.1	9.5
2001	7	13	52.7	11.5	45.2	7.3	49.5	9.7
2001	7	14	51.8	11.0	49.2	9.6	50.5	10.3
2001	7	15	59.8	15.4	48.2	9.0	53.7	12.0
2001	7	16	59.5	15.3	52.8	11.6	56.0	13.3
2001	7	17	62.5	16.9	57.3	14.1	60.2	15.7
2001	7	18	61.9	16.6	58.4	14.7	60.0	15.6
2001	7	19	59.8	15.4	55.9	13.3	57.6	14.2
2001	7	20	57.6	14.2	43.8	6.6	51.7	11.0
2001	7	21	54.2	12.3	47.8	8.8	50.9	10.5
2001	7	22	54.4	12.4	46.2	7.9	51.4	10.8
2001	7	23	62.3	16.8	52.9	11.6	58.1	14.5
2001	7	24	66.6	19.2	60.3	15.7	62.2	16.8
2001	7	25	67.8	19.9	61.7	16.5	64.8	18.2
2001	7	26	66.0	18.9	45.2	7.3	56.6	13.7
2001	7	27	49.6	9.8	40.4	4.7	44.5	6.9
2001	7	28	52.0	11.1	45.3	7.4	48.9	9.4
2001	7	29	52.6	11.4	49.8	9.9	51.3	10.7
2001	7	30	56.3	13.5	52.1	11.2	54.1	12.3
2001	7	31	57.1	13.9	53.5	11.9	55.2	12.9
2001	8	1	60.8	16.0	52.2	11.2	55.3	13.0
2001	8	2	59.4	15.2	51.3	10.7	55.0	12.8
2001	8	3	67.5	19.7	51.7	10.9	60.7	16.0
2001	8	4	66.6	19.2	61.4	16.3	63.9	17.7
2001	8	5	65.3	18.5	59.4	15.2	62.2	16.8
2001	8	6	67.2	19.6	60.5	15.8	63.2	17.4
2001	8	7	67.1	19.5	61.0	16.1	63.6	17.6
2001	8	8	67.9	19.9	59.8	15.4	64.3	17.9
2001	8	9	67.9	19.9	59.2	15.1	63.6	17.6
2001	8	10	68.2	20.1	64.9	18.3	66.5	19.2
2001	8	11	64.4	18.0	54.1	12.3	57.6	14.2
2001	8	12	67.1	19.5	59.7	15.4	63.7	17.6
2001	8	13	65.0	18.3	58.3	14.6	62.9	17.2
2001	8	14	60.2	15.7	54.9	12.7	57.3	14.0
2001	8	15	58.7	14.8	52.0	11.1	55.4	13.0
2001	8	16	62.2	16.8	55.4	13.0	58.2	14.6
2001	8	17	64.8	18.2	51.8	11.0	58.3	14.6
2001	8	18	58.1	14.5	51.3	10.7	54.8	12.6
2001	8	19	61.8	16.6	53.8	12.1	57.4	14.1
2001	8	20	62.0	16.7	53.5	11.9	58.2	14.6
2001	8	21	56.8	13.8	52.1	11.2	54.7	12.6

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 6 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2001	8	22	54.9	12.7	49.8	9.9	52.2	11.2
2001	8	23	59.0	15.0	51.6	10.9	55.5	13.1
2001	8	24	59.8	15.4	52.6	11.4	55.6	13.1
2001	8	25	57.9	14.4	47.3	8.5	53.2	11.8
2001	8	26	60.2	15.7	49.1	9.5	55.0	12.8
2001	8	27	64.1	17.8	57.7	14.3	61.7	16.5
2001	8	28	59.9	15.5	56.2	13.4	58.2	14.5
2001	8	29	58.3	14.6	49.8	9.9	54.6	12.6
2001	8	30	62.1	16.7	50.2	10.1	56.3	13.5
2001	8	31	64.3	17.9	60.2	15.7	62.1	16.7
2001	9	1	62.4	16.9	44.4	6.9	50.8	10.5
2001	9	2	49.3	9.6	40.3	4.6	44.0	6.7
2001	9	3	55.5	13.1	42.7	5.9	49.8	9.9
2001	9	4	62.1	16.7	53.2	11.8	58.1	14.5
2001	9	5	52.0	11.1	43.2	6.2	46.7	8.2
2001	9	6	48.4	9.1	37.2	2.9	43.7	6.5
2001	9	7	59.0	15.0	42.8	6.0	51.3	10.7
2001	9	8	61.1	16.2	51.0	10.6	55.9	13.3
2001	9	9	60.6	15.9	52.6	11.4	56.6	13.6
2001	9	10	64.6	18.1	52.9	11.6	58.9	14.9
2001	9	11	53.1	11.7	45.2	7.3	49.4	9.7
2001	9	12	50.5	10.3	44.0	6.7	47.2	8.4
2001	9	13	54.8	12.7	43.9	6.6	49.8	9.9
2001	9	14	48.0	8.9	35.2	1.8	40.4	4.7
2001	9	15	43.3	6.3	35.1	1.7	38.5	3.6
2001	9	16	47.0	8.3	36.2	2.3	41.3	5.2
2001	9	17	48.8	9.3	39.7	4.3	44.4	6.9
2001	9	18	52.0	11.1	42.3	5.7	47.5	8.6
2001	9	19	51.8	11.0	46.8	8.2	49.0	9.5
2001	9	20	58.1	14.5	51.5	10.8	55.6	13.1
2001	9	21	56.8	13.8	49.8	9.9	53.5	11.9
2001	9	22	55.6	13.1	48.8	9.3	51.3	10.7
2001	9	23	52.3	11.3	45.0	7.2	48.7	9.3
2001	9	24	60.7	15.9	47.7	8.7	55.1	12.8
2001	9	25	54.1	12.3	36.5	2.5	47.6	8.6
2001	9	26	41.3	5.2	34.5	1.4	36.5	2.5
2001	9	27	42.7	5.9	37.8	3.2	39.8	4.4
2001	9	28	42.5	5.8	38.3	3.5	39.5	4.2
2001	9	29	43.1	6.2	36.0	2.2	39.7	4.3
2001	9	30	40.7	4.8	32.3	0.2	36.0	2.2
2001	10	1	44.2	6.8	36.7	2.6	40.0	4.4
2001	10	2	51.5	10.8	37.6	3.1	45.3	7.4
2001	10	3	51.9	11.1	42.6	5.9	48.7	9.3
2001	10	4	49.6	9.8	43.0	6.1	47.1	8.4
2001	10	5	48.4	9.1	41.9	5.5	45.6	7.6
2001	10	6	52.1	11.2	25.4	-3.7	38.3	3.5

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 7 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2001	10	7	28.3	-2.1	19.6	-6.9	24.6	-4.1
2001	10	8	27.2	-2.7	20.4	-6.4	23.3	-4.8
2001	10	9	28.8	-1.8	21.0	-6.1	24.8	-4.0
2001	10	10	38.1	3.4	28.4	-2.0	33.1	0.6
2001	10	11	47.9	8.8	34.6	1.4	42.2	5.7
2001	10	12	51.8	11.0	40.7	4.8	47.2	8.4
2001	10	13	54.8	12.7	46.8	8.2	51.6	10.9
2001	10	14	54.2	12.3	47.5	8.6	49.9	9.9
2001	10	15	48.8	9.3	33.7	0.9	39.7	4.3
2001	10	16	40.0	4.4	32.6	0.3	36.0	2.2
2001	10	17	37.8	3.2	21.2	-6.0	28.7	-1.8
2001	10	18	28.9	-1.7	22.5	-5.3	25.3	-3.7
2001	10	19	34.5	1.4	26.0	-3.3	30.6	-0.8
2001	10	20	38.8	3.8	33.9	1.1	36.1	2.3
2001	10	21	43.5	6.4	32.3	0.2	38.1	3.4
2001	10	22	46.4	8.0	40.4	4.7	42.7	6.0
2001	10	23	54.7	12.6	41.1	5.1	47.2	8.4
2001	10	24	53.8	12.1	49.9	9.9	52.4	11.3
2001	10	25	52.3	11.3	21.3	-5.9	37.9	3.3
2001	10	26	24.4	-4.2	20.8	-6.2	22.1	-5.5
2001	10	27	28.0	-2.2	21.3	-5.9	24.3	-4.3
2001	10	28	26.3	-3.2	19.5	-6.9	22.3	-5.4
2001	10	29	29.5	-1.4	18.9	-7.3	24.4	-4.2
2001	10	30	33.1	0.6	14.1	-9.9	25.1	-3.9
2001	10	31	36.4	2.4	14.9	-9.5	26.8	-2.9
2001	11	1	43.6	6.4	31.2	-0.4	37.0	2.8
2001	11	2	47.9	8.8	39.6	4.2	44.5	6.9
2001	11	3	50.5	10.3	29.6	-1.3	39.8	4.3
2001	11	4	35.8	2.1	28.0	-2.2	32.2	0.1
2001	11	5	28.2	-2.1	20.4	-6.4	23.4	-4.8
2001	11	6	23.4	-4.8	18.2	-7.7	21.3	-5.9
2001	11	7	40.1	4.5	19.6	-6.9	31.6	-0.2
2001	11	11	34.4	1.3	18.0	-7.8	24.5	-4.2
2001	11	12	26.5	-3.1	20.0	-6.7	23.8	-4.6
2001	11	13	28.2	-2.1	21.7	-5.7	25.6	-3.6
2001	11	14	33.1	0.6	24.6	-4.1	28.8	-1.8
2001	11	15	45.0	7.2	32.2	0.1	40.1	4.5
2001	11	16	45.5	7.5	37.4	3.0	41.0	5.0
2001	11	17	39.1	3.9	24.4	-4.2	30.3	-0.9
2001	11	18	39.9	4.4	25.8	-3.4	33.0	0.6
2001	11	19	43.0	6.1	31.0	-0.6	37.0	2.8
2001	11	20	45.0	7.2	18.8	-7.3	29.1	-1.6
2001	11	21	25.7	-3.5	21.1	-6.1	23.6	-4.7
2001	11	22	29.4	-1.4	23.5	-4.7	26.0	-3.3
2001	11	23	38.6	3.7	26.0	-3.3	29.3	-1.5
2001	11	24	51.9	11.1	39.2	4.0	46.8	8.2

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 8 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2001	11	25	53.7	12.1	42.7	5.9	50.5	10.3
2001	11	26	44.6	7.0	38.1	3.4	41.6	5.3
2001	11	27	43.8	6.6	33.9	1.1	38.9	3.8
2001	11	28	46.6	8.1	43.5	6.4	45.1	7.3
2001	11	29	47.3	8.5	42.7	5.9	45.1	7.3
2001	11	30	57.4	14.1	47.3	8.5	54.5	12.5
2001	12	1	52.2	11.2	33.9	1.1	41.0	5.0
2001	12	2	35.7	2.1	30.5	-0.8	33.5	0.8
2001	12	3	35.1	1.7	27.3	-2.6	30.1	-1.1
2001	12	4	35.3	1.8	28.1	-2.2	32.0	0.0
2001	12	5	42.3	5.7	35.6	2.0	38.7	3.7
2001	12	6	41.4	5.2	37.4	3.0	39.3	4.0
2001	12	7	45.9	7.7	23.2	-4.9	37.7	3.2
2001	12	8	31.4	-0.3	25.6	-3.6	28.9	-1.7
2001	12	9	32.8	0.4	26.3	-3.2	29.7	-1.3
2001	12	10	30.5	-0.8	21.9	-5.6	26.1	-3.3
2001	12	11	32.6	0.3	27.5	-2.5	30.9	-0.6
2001	12	12	36.4	2.4	24.1	-4.4	30.3	-1.0
2001	12	13	45.5	7.5	37.0	2.8	42.5	5.8
2001	12	14	51.5	10.8	42.5	5.8	45.9	7.7
2001	12	15	37.5	3.1	20.9	-6.2	25.4	-3.7
2001	12	16	25.9	-3.4	20.9	-6.2	22.8	-5.1
2001	12	17	38.8	3.8	22.6	-5.2	31.9	-0.1
2001	12	18	40.3	4.6	27.1	-2.7	33.0	0.5
2001	12	19	30.7	-0.7	25.6	-3.6	28.3	-2.1
2001	12	20	31.3	-0.4	19.3	-7.1	23.8	-4.6
2001	12	21	26.2	-3.2	12.7	-10.7	17.7	-7.9
2001	12	22	20.8	-6.2	13.6	-10.2	17.2	-8.2
2001	12	23	34.2	1.2	19.3	-7.1	23.4	-4.8
2001	12	24	35.7	2.1	15.3	-9.3	23.5	-4.7
2001	12	25	13.9	-10.1	10.9	-11.7	12.3	-11.0
2001	12	26	13.9	-10.1	10.0	-12.2	12.0	-11.1
2001	12	27	14.1	-9.9	8.2	-13.2	10.9	-11.7
2001	12	28	21.9	-5.6	10.2	-12.1	15.0	-9.4
2001	12	29	20.3	-6.5	9.9	-12.3	14.9	-9.5
2001	12	30	9.6	-12.4	3.8	-15.7	6.4	-14.2
2001	12	31	6.0	-14.4	4.2	-15.4	5.2	-14.9
2002	1	1	11.6	-11.3	4.9	-15.1	8.4	-13.1
2002	1	2	14.3	-9.8	8.2	-13.2	11.9	-11.2
2002	1	3	15.4	-9.2	5.7	-14.6	11.8	-11.2
2002	1	4	17.8	-7.9	10.9	-11.7	14.1	-10.0
2002	1	5	16.8	-8.4	11.2	-11.6	14.1	-9.9
2002	1	6	28.6	-1.9	15.9	-8.9	21.1	-6.1
2002	1	7	28.4	-2.0	11.7	-11.3	23.9	-4.5
2002	1	8	17.0	-8.3	7.8	-13.4	13.1	-10.5
2002	1	9	26.1	-3.3	15.0	-9.4	21.5	-5.8

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 9 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2002	1	10	32.2	0.1	26.6	-3.0	29.2	-1.5
2002	1	11	32.1	0.1	21.5	-5.8	26.8	-2.9
2002	1	12	23.9	-4.5	21.6	-5.8	22.9	-5.1
2002	1	13	28.8	-1.8	16.0	-8.9	21.8	-5.7
2002	1	14	23.7	-4.6	17.5	-8.1	19.5	-6.9
2002	1	15	26.9	-2.8	22.8	-5.1	25.4	-3.7
2002	1	16	22.9	-5.1	15.3	-9.3	19.0	-7.2
2002	1	17	24.0	-4.4	14.8	-9.6	20.0	-6.7
2002	1	18	17.2	-8.2	8.3	-13.2	12.9	-10.6
2002	1	19	21.0	-6.1	9.9	-12.3	15.7	-9.0
2002	1	20	20.0	-6.7	16.2	-8.8	18.6	-7.5
2002	1	21	28.1	-2.2	17.4	-8.1	23.3	-4.8
2002	1	22	24.8	-4.0	18.1	-7.7	20.8	-6.3
2002	1	23	34.7	1.5	20.7	-6.3	28.5	-1.9
2002	1	24	39.7	4.3	32.9	0.5	36.1	2.3
2002	1	25	31.1	-0.5	16.5	-8.6	21.3	-5.9
2002	1	26	21.2	-6.0	16.2	-8.8	18.6	-7.5
2002	1	27	25.8	-3.4	19.3	-7.1	22.8	-5.1
2002	1	28	33.5	0.8	22.6	-5.2	27.9	-2.3
2002	1	29	44.1	6.7	28.4	-2.0	35.5	2.0
2002	1	30	48.6	9.2	28.1	-2.2	41.6	5.3
2002	1	31	32.5	0.3	26.7	-2.9	30.1	-1.1
2002	2	1	44.6	7.0	16.0	-8.9	32.7	0.4
2002	2	2	15.5	-9.2	8.7	-12.9	11.1	-11.6
2002	2	3	19.2	-7.1	14.9	-9.5	16.3	-8.7
2002	2	4	26.8	-2.9	2.9	-16.2	18.2	-7.7
2002	2	5	9.4	-12.6	0.6	-17.4	4.7	-15.2
2002	2	6	19.8	-6.8	8.6	-13.0	15.9	-8.9
2002	2	7	31.0	-0.6	20.3	-6.5	25.4	-3.7
2002	2	8	24.9	-3.9	19.9	-6.7	22.7	-5.2
2002	2	9	24.5	-4.2	20.1	-6.6	22.9	-5.0
2002	2	10	45.0	7.2	25.4	-3.7	34.7	1.5
2002	2	11	39.2	4.0	-2.2	-19.0	15.5	-9.2
2002	2	12	21.7	-5.7	7.8	-13.4	13.8	-10.1
2002	2	13	23.3	-4.8	1.2	-17.1	9.8	-12.3
2002	2	14	10.1	-12.2	4.0	-15.6	7.3	-13.7
2002	2	15	25.3	-3.7	10.4	-12.0	19.0	-7.3
2002	2	16	26.9	-2.8	19.9	-6.7	23.0	-5.0
2002	2	17	31.0	-0.6	12.8	-10.7	20.1	-6.6
2002	2	18	16.6	-8.6	9.7	-12.4	13.3	-10.4
2002	2	19	18.9	-7.3	13.1	-10.5	15.2	-9.3
2002	2	20	45.0	7.2	18.0	-7.8	28.3	-2.1
2002	2	21	45.2	7.3	28.9	-1.7	35.5	1.9
2002	2	22	29.9	-1.2	23.1	-4.9	25.4	-3.7
2002	2	23	23.1	-4.9	12.2	-11.0	15.2	-9.3
2002	2	24	18.5	-7.5	8.1	-13.3	14.8	-9.6

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 10 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2002	2	25	25.6	-3.6	16.4	-8.7	20.8	-6.2
2002	2	26	35.3	1.8	23.2	-4.9	28.8	-1.8
2002	2	27	30.0	-1.1	8.1	-13.3	14.8	-9.6
2002	2	28	14.3	-9.8	5.5	-14.7	9.5	-12.5
2002	3	1	16.5	-8.6	9.6	-12.4	12.5	-10.8
2002	3	2	37.7	3.2	15.9	-8.9	22.1	-5.5
2002	3	3	45.0	7.2	15.1	-9.4	36.9	2.7
2002	3	4	15.3	-9.3	0.0	-17.8	7.6	-13.5
2002	3	5	14.8	-9.6	-2.6	-19.2	5.4	-14.8
2002	3	6	23.4	-4.8	14.5	-9.7	19.7	-6.8
2002	3	7	25.8	-3.4	22.2	-5.4	23.8	-4.6
2002	3	8	37.0	2.8	25.7	-3.5	29.7	-1.3
2002	3	9	52.8	11.6	37.0	2.8	47.5	8.6
2002	3	10	47.8	8.8	2.9	-16.2	11.6	-11.3
2002	3	11	13.6	-10.2	5.3	-14.8	8.4	-13.1
2002	3	12	25.6	-3.6	13.3	-10.4	21.0	-6.1
2002	3	13	38.8	3.8	26.0	-3.3	34.1	1.2
2002	3	14	39.2	4.0	35.8	2.1	37.8	3.2
2002	3	15	49.6	9.8	37.3	2.9	44.4	6.9
2002	3	16	51.5	10.8	19.1	-7.2	37.4	3.0
2002	3	17	27.0	-2.8	15.7	-9.1	20.1	-6.6
2002	3	18	32.3	0.2	25.9	-3.4	29.3	-1.5
2002	3	19	32.9	0.5	24.1	-4.4	26.5	-3.1
2002	3	20	35.9	2.2	25.6	-3.6	31.6	-0.3
2002	3	21	30.5	-0.8	4.3	-15.4	25.0	-3.9
2002	3	22	8.7	-12.9	-0.8	-18.2	3.2	-16.0
2002	3	23	13.3	-10.4	6.7	-14.1	10.9	-11.7
2002	3	24	33.5	0.8	12.8	-10.7	20.6	-6.4
2002	3	25	33.4	0.8	18.8	-7.3	24.8	-4.0
2002	3	26	37.6	3.1	23.1	-4.9	29.4	-1.5
2002	3	27	36.2	2.3	20.5	-6.4	27.4	-2.6
2002	3	28	22.1	-5.5	15.0	-9.4	19.8	-6.8
2002	3	29	37.8	3.2	21.4	-5.9	29.8	-1.2
2002	3	30	43.5	6.4	24.0	-4.4	32.2	0.1
2002	3	31	41.9	5.5	26.3	-3.2	31.4	-0.3
2002	4	1	40.3	4.6	17.5	-8.1	29.2	-1.5
2002	4	2	41.7	5.4	19.2	-7.1	27.8	-2.3
2002	4	3	43.4	6.3	19.8	-6.8	34.8	1.5
2002	4	4	19.6	-6.9	14.1	-9.9	16.7	-8.5
2002	4	5	19.2	-7.1	15.1	-9.4	17.3	-8.2
2002	4	6	20.5	-6.4	12.1	-11.1	16.7	-8.5
2002	4	7	20.2	-6.6	12.2	-11.0	15.7	-9.1
2002	4	8	40.2	4.6	21.3	-5.9	31.3	-0.4
2002	4	9	54.3	12.4	40.8	4.9	48.4	9.1
2002	4	10	47.2	8.4	27.2	-2.7	31.2	-0.4
2002	4	11	34.7	1.5	26.9	-2.8	30.1	-1.0

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 11 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2002	4	12	48.3	9.1	23.0	-5.0	37.8	3.2
2002	4	13	55.7	13.2	49.1	9.5	53.1	11.7
2002	4	14	56.4	13.6	48.0	8.9	51.1	10.6
2002	4	15	55.2	12.9	51.9	11.1	54.2	12.3
2002	4	16	59.2	15.1	51.2	10.7	55.3	13.0
2002	4	17	56.0	13.3	51.4	10.8	53.5	11.9
2002	4	18	57.5	14.2	52.8	11.6	55.0	12.8
2002	4	19	58.6	14.8	52.1	11.2	55.7	13.2
2002	4	20	56.1	13.4	35.0	1.7	44.8	7.1
2002	4	21	37.0	2.8	21.0	-6.1	28.3	-2.1
2002	4	22	40.0	4.4	25.4	-3.7	33.7	1.0
2002	4	23	23.5	-4.7	17.2	-8.2	19.9	-6.7
2002	4	24	25.6	-3.6	19.4	-7.0	23.3	-4.8
2002	4	25	39.8	4.3	19.6	-6.9	31.1	-0.5
2002	4	26	28.7	-1.8	19.1	-7.2	23.8	-4.6
2002	4	27	35.5	1.9	23.5	-4.7	25.8	-3.5
2002	4	28	53.5	11.9	38.7	3.7	46.3	8.0
2002	4	29	45.6	7.6	26.7	-2.9	33.2	0.6
2002	4	30	42.0	5.6	28.8	-1.8	35.1	1.7
2002	5	1	36.3	2.4	21.3	-5.9	29.6	-1.3
2002	5	2	59.3	15.2	32.3	0.2	46.4	8.0
2002	5	3	40.2	4.6	19.8	-6.8	24.7	-4.1
2002	5	4	29.1	-1.6	20.6	-6.3	26.2	-3.2
2002	5	5	39.3	4.1	28.8	-1.8	34.4	1.3
2002	5	11	35.4	1.9	21.9	-5.6	27.4	-2.6
2002	5	12	51.3	10.7	33.6	0.9	45.7	7.6
2002	5	13	56.5	13.6	43.6	6.4	52.2	11.2
2002	5	14	41.6	5.3	30.8	-0.7	35.1	1.7
2002	5	15	37.3	2.9	29.5	-1.4	31.9	0.0
2002	5	16	47.7	8.7	34.8	1.6	41.2	5.1
2002	5	17	52.4	11.3	38.3	3.5	46.3	8.0
2002	5	18	40.5	4.7	27.2	-2.7	33.4	0.8
2002	5	19	32.4	0.2	21.3	-5.9	25.7	-3.5
2002	5	20	30.0	-1.1	24.8	-4.0	27.9	-2.3
2002	5	21	33.1	0.6	25.5	-3.6	28.8	-1.8
2002	5	22	35.1	1.7	27.2	-2.7	31.0	-0.5
2002	5	23	39.8	4.3	29.2	-1.6	33.8	1.0
2002	5	24	51.1	10.6	38.6	3.7	45.4	7.5
2002	5	25	45.6	7.6	31.8	-0.1	37.7	3.2
2002	5	26	55.5	13.1	43.8	6.6	50.3	10.2
2002	5	27	56.0	13.3	42.2	5.7	50.6	10.3
2002	5	28	59.7	15.4	52.2	11.2	55.0	12.8
2002	5	29	58.6	14.8	52.2	11.2	54.7	12.6
2002	5	30	57.1	13.9	53.0	11.7	55.3	12.9
2002	5	31	59.3	15.2	52.5	11.4	56.4	13.5
2002	6	1	56.1	13.4	44.9	7.2	51.0	10.6

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 12 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2002	6	2	49.5	9.7	33.9	1.1	41.6	5.3
2002	6	3	43.9	6.6	34.0	1.1	37.1	2.9
2002	6	4	50.7	10.4	38.2	3.4	44.6	7.0
2002	6	5	65.6	18.7	49.8	9.9	59.3	15.1
2002	6	6	58.2	14.6	49.8	9.9	54.4	12.4
2002	6	7	50.3	10.2	44.4	6.9	46.6	8.1
2002	6	8	50.0	10.0	45.1	7.3	48.1	8.9
2002	6	9	60.0	15.6	46.5	8.1	53.0	11.7
2002	6	10	59.1	15.1	51.5	10.8	54.3	12.4
2002	6	11	63.0	17.2	53.3	11.8	59.2	15.1
2002	6	12	64.2	17.9	57.8	14.3	60.5	15.8
2002	6	13	57.1	13.9	51.9	11.1	54.2	12.4
2002	6	14	52.4	11.3	48.0	8.9	49.4	9.6
2002	6	15	51.1	10.6	46.8	8.2	48.9	9.4
2002	6	16	50.6	10.3	45.2	7.3	47.4	8.5
2002	6	17	48.5	9.2	41.6	5.3	44.7	7.0
2002	6	18	49.3	9.6	40.4	4.7	45.5	7.5
2002	6	19	53.7	12.1	45.8	7.7	50.1	10.1
2002	6	20	56.5	13.6	49.0	9.4	52.9	11.6
2002	6	21	56.2	13.4	50.7	10.4	53.9	12.2
2002	6	22	60.0	15.6	50.7	10.4	55.1	12.8
2002	6	23	60.2	15.7	55.7	13.2	58.2	14.6
2002	6	24	63.3	17.4	56.8	13.8	60.7	15.9
2002	6	25	64.0	17.8	59.8	15.4	61.5	16.4
2002	6	26	65.3	18.5	58.4	14.7	61.6	16.4
2002	6	27	62.9	17.2	57.8	14.3	60.2	15.7
2002	6	28	59.1	15.1	54.1	12.3	57.0	13.9
2002	6	29	58.4	14.7	47.2	8.4	53.0	11.7
2002	6	30	59.6	15.3	53.0	11.7	56.2	13.4
2002	7	1	61.4	16.3	53.4	11.9	57.7	14.3
2002	7	2	70.8	21.6	56.9	13.8	64.2	17.9
2002	7	3	67.9	19.9	64.8	18.2	65.6	18.7
2002	7	4	66.3	19.1	61.7	16.5	64.1	17.9
2002	7	5	60.2	15.7	45.0	7.2	48.9	9.4
2002	7	6	52.2	11.2	42.9	6.1	46.7	8.2
2002	7	7	53.5	11.9	44.5	6.9	49.8	9.9
2002	7	8	56.0	13.3	48.3	9.1	51.9	11.0
2002	7	9	62.9	17.2	54.3	12.4	58.7	14.9
2002	7	10	60.7	15.9	35.7	2.1	47.2	8.4
2002	7	11	41.7	5.4	36.6	2.6	39.4	4.1
2002	7	12	45.3	7.4	38.1	3.4	41.5	5.3
2002	7	13	52.5	11.4	41.5	5.3	47.7	8.7
2002	7	14	57.7	14.3	51.8	11.0	54.9	12.7
2002	7	15	59.0	15.0	51.3	10.7	54.4	12.5
2002	7	16	54.4	12.4	43.1	6.2	48.6	9.2
2002	7	17	61.3	16.3	44.7	7.1	53.5	11.9

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 13 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2002	7	18	62.1	16.7	56.7	13.7	59.5	15.3
2002	7	19	62.7	17.1	58.2	14.6	60.1	15.6
2002	7	20	59.0	15.0	53.2	11.8	56.4	13.6
2002	7	21	61.4	16.3	53.1	11.7	58.1	14.5
2002	7	22	63.4	17.4	56.6	13.7	60.0	15.6
2002	7	23	64.7	18.2	56.6	13.7	60.7	15.9
2002	7	24	56.0	13.3	51.6	10.9	54.1	12.3
2002	7	25	54.2	12.3	43.3	6.3	49.6	9.8
2002	7	26	51.3	10.7	42.1	5.6	47.9	8.8
2002	7	27	61.5	16.4	50.8	10.4	57.1	14.0
2002	7	28	68.7	20.4	60.0	15.6	64.1	17.9
2002	7	29	67.0	19.4	63.2	17.3	64.9	18.3
2002	7	30	65.3	18.5	56.1	13.4	60.6	15.9
2002	7	31	60.2	15.7	53.2	11.8	57.1	14.0
2002	8	1	62.7	17.1	57.7	14.3	59.8	15.4
2002	8	2	62.7	17.1	57.2	14.0	59.6	15.3
2002	8	3	60.9	16.1	57.4	14.1	59.1	15.0
2002	8	4	64.1	17.8	55.9	13.3	59.3	15.1
2002	8	5	63.5	17.5	56.7	13.7	60.5	15.8
2002	8	6	62.0	16.7	39.6	4.2	44.0	6.6
2002	8	7	46.0	7.8	40.8	4.9	43.4	6.3
2002	8	8	48.1	8.9	41.5	5.3	43.5	6.4
2002	8	9	48.1	8.9	42.2	5.7	44.7	7.0
2002	8	10	49.9	9.9	43.5	6.4	46.6	8.1
2002	8	11	54.5	12.5	47.4	8.6	51.4	10.8
2002	8	12	58.7	14.8	52.0	11.1	54.6	12.6
2002	8	13	60.7	15.9	54.0	12.2	56.5	13.6
2002	8	14	61.5	16.4	53.9	12.2	56.6	13.7
2002	8	15	61.8	16.6	52.6	11.4	58.1	14.5
2002	8	16	65.3	18.5	60.3	15.7	62.1	16.7
2002	8	17	62.9	17.2	59.4	15.2	60.9	16.1
2002	8	18	63.7	17.6	58.5	14.7	60.9	16.0
2002	8	19	59.5	15.3	50.4	10.2	55.4	13.0
2002	8	20	60.1	15.6	47.8	8.8	54.6	12.6
2002	8	21	51.9	11.1	46.8	8.2	48.2	9.0
2002	8	22	62.6	17.0	49.0	9.4	56.8	13.8
2002	8	23	62.8	17.1	56.0	13.3	58.2	14.6
2002	8	24	63.2	17.3	57.5	14.2	59.9	15.5
2002	8	25	58.0	14.4	47.4	8.6	52.7	11.5
2002	8	26	53.9	12.2	48.8	9.3	51.2	10.7
2002	8	27	55.1	12.8	50.0	10.0	52.9	11.6
2002	8	28	52.5	11.4	45.0	7.2	48.5	9.2
2002	8	29	49.5	9.7	46.4	8.0	48.1	9.0
2002	8	30	52.8	11.6	46.7	8.2	49.5	9.7
2002	8	31	53.7	12.1	46.5	8.1	50.2	10.1
2002	9	1	51.3	10.7	42.8	6.0	47.9	8.8

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 14 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2002	9	2	55.8	13.2	49.9	9.9	52.3	11.3
2002	9	3	61.5	16.4	49.8	9.9	56.1	13.4
2002	9	4	61.3	16.3	45.5	7.5	52.8	11.6
2002	9	5	52.1	11.2	43.9	6.6	48.2	9.0
2002	9	6	44.6	7.0	36.4	2.4	41.6	5.3
2002	9	7	48.8	9.3	40.7	4.8	44.2	6.8
2002	9	8	48.2	9.0	38.3	3.5	44.1	6.7
2002	9	9	52.3	11.3	41.7	5.4	47.5	8.6
2002	9	10	54.2	12.3	44.6	7.0	48.9	9.4
2002	9	11	49.3	9.6	36.1	2.3	42.5	5.8
2002	9	12	38.5	3.6	32.5	0.3	35.3	1.8
2002	9	13	42.3	5.7	34.4	1.3	39.0	3.9
2002	9	14	60.1	15.6	40.8	4.9	50.6	10.3
2002	9	15	61.5	16.4	57.9	14.4	59.9	15.5
2002	9	16	60.3	15.7	50.4	10.2	56.7	13.7
2002	9	17	53.7	12.1	46.4	8.0	49.8	9.9
2002	9	18	50.0	10.0	42.6	5.9	47.1	8.4
2002	9	19	56.7	13.7	46.1	7.8	52.1	11.2
2002	9	20	59.4	15.2	52.8	11.6	56.3	13.5
2002	9	21	61.3	16.3	56.6	13.7	59.6	15.3
2002	9	22	61.4	16.3	55.6	13.1	59.9	15.5
2002	9	23	54.4	12.4	38.8	3.8	44.3	6.8
2002	9	24	45.8	7.7	37.5	3.1	42.1	5.6
2002	9	25	46.1	7.8	40.2	4.6	43.2	6.2
2002	9	26	47.2	8.4	43.9	6.6	45.2	7.3
2002	9	27	62.9	17.2	44.8	7.1	53.1	11.7
2002	9	28	56.4	13.6	40.1	4.5	45.8	7.7
2002	9	29	46.1	7.8	35.6	2.0	40.9	5.0
2002	9	30	50.8	10.4	40.8	4.9	46.6	8.1
2002	10	1	57.0	13.9	42.8	6.0	51.0	10.6
2002	10	2	60.3	15.7	50.0	10.0	55.7	13.2
2002	10	3	58.6	14.8	51.3	10.7	54.3	12.4
2002	10	4	58.6	14.8	50.8	10.4	53.2	11.8
2002	10	5	60.5	15.8	38.6	3.7	50.8	10.5
2002	10	6	44.0	6.7	36.7	2.6	39.7	4.3
2002	10	7	50.9	10.5	29.0	-1.7	41.6	5.3
2002	10	8	35.4	1.9	29.9	-1.2	32.0	0.0
2002	10	9	44.8	7.1	32.2	0.1	37.6	3.1
2002	10	10	49.6	9.8	45.3	7.4	47.4	8.6
2002	10	11	47.3	8.5	44.9	7.2	45.9	7.7
2002	10	12	49.3	9.6	45.0	7.2	47.5	8.6
2002	10	13	50.6	10.3	34.1	1.2	46.4	8.0
2002	10	14	32.4	0.2	24.0	-4.4	27.3	-2.6
2002	10	15	36.7	2.6	25.6	-3.6	31.8	-0.1
2002	10	16	40.8	4.9	36.7	2.6	39.4	4.1
2002	10	17	39.7	4.3	30.7	-0.7	34.9	1.6

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 15 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2002	10	18	33.6	0.9	28.1	-2.2	30.6	-0.8
2002	10	19	41.1	5.1	30.9	-0.6	36.1	2.3
2002	10	20	34.2	1.2	28.5	-1.9	31.6	-0.3
2002	10	21	32.4	0.2	25.7	-3.5	28.3	-2.1
2002	10	22	34.4	1.3	23.2	-4.9	29.3	-1.5
2002	10	23	32.2	0.1	24.9	-3.9	28.6	-1.9
2002	10	24	28.2	-2.1	22.1	-5.5	24.9	-4.0
2002	10	25	34.1	1.2	27.4	-2.6	30.9	-0.6
2002	10	26	43.2	6.2	34.8	1.6	40.2	4.6
2002	10	27	39.0	3.9	29.8	-1.2	34.3	1.3
2002	10	28	31.0	-0.6	24.1	-4.4	27.4	-2.5
2002	10	29	26.1	-3.3	19.6	-6.9	23.2	-4.9
2002	10	30	26.7	-2.9	24.2	-4.3	25.7	-3.5
2002	10	31	28.0	-2.2	23.4	-4.8	26.0	-3.3
2002	11	1	29.3	-1.5	17.0	-8.3	24.0	-4.4
2002	11	2	23.7	-4.6	18.8	-7.3	21.3	-5.9
2002	11	3	24.5	-4.2	20.8	-6.2	22.6	-5.2
2002	11	6	40.2	4.6	24.6	-4.1	34.3	1.3
2002	11	8	32.6	0.3	19.2	-7.1	28.1	-2.2
2002	11	9	39.2	4.0	29.6	-1.3	34.3	1.3
2002	11	10	55.2	12.9	40.0	4.4	48.8	9.3
2002	11	11	57.1	13.9	43.0	6.1	52.2	11.2
2002	11	12	43.6	6.4	38.8	3.8	41.1	5.1
2002	11	13	41.0	5.0	28.3	-2.1	33.5	0.8
2002	11	14	34.0	1.1	28.6	-1.9	31.8	-0.1
2002	11	15	34.4	1.3	29.8	-1.2	32.2	0.1
2002	11	16	34.5	1.4	30.6	-0.8	33.0	0.5
2002	11	17	33.8	1.0	29.5	-1.4	32.0	0.0
2002	11	18	29.2	-1.6	21.3	-5.9	24.9	-3.9
2002	11	19	31.9	-0.1	22.1	-5.5	25.8	-3.5
2002	11	20	33.9	1.1	28.0	-2.2	31.2	-0.4
2002	11	21	39.1	3.9	25.6	-3.6	33.3	0.7
2002	11	22	40.4	4.7	31.0	-0.6	36.8	2.7
2002	11	23	29.3	-1.5	17.4	-8.1	20.9	-6.2
2002	11	24	27.0	-2.8	22.7	-5.2	25.2	-3.8
2002	11	25	31.1	-0.5	25.0	-3.9	28.2	-2.1
2002	11	26	27.2	-2.7	17.6	-8.0	22.0	-5.6
2002	11	27	26.2	-3.2	10.1	-12.2	18.4	-7.6
2002	11	28	16.5	-8.6	9.8	-12.3	13.0	-10.6
2002	11	29	21.2	-6.0	13.6	-10.2	17.7	-7.9
2002	11	30	28.0	-2.2	20.5	-6.4	23.4	-4.8
2002	12	1	20.6	-6.3	6.0	-14.4	12.2	-11.0
2002	12	2	18.8	-7.3	6.8	-14.0	12.4	-10.9
2002	12	3	12.0	-11.1	-7.1	-21.7	-0.7	-18.2
2002	12	4	11.4	-11.4	0.3	-17.6	6.4	-14.2
2002	12	5	18.6	-7.4	11.3	-11.5	15.7	-9.1

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 16 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2002	12	6	19.0	-7.2	10.5	-11.9	15.9	-8.9
2002	12	7	12.0	-11.1	2.2	-16.6	8.5	-13.0
2002	12	8	27.7	-2.4	8.2	-13.2	16.7	-8.5
2002	12	9	3.9	-15.6	-1.2	-18.4	1.4	-17.0
2002	12	10	9.7	-12.4	0.5	-17.5	5.8	-14.5
2002	12	11	28.6	-1.9	6.7	-14.1	18.4	-7.6
2002	12	12	30.3	-0.9	27.5	-2.5	28.8	-1.8
2002	12	13	31.0	-0.6	27.6	-2.4	28.7	-1.9
2002	12	14	34.7	1.5	27.1	-2.7	31.9	-0.1
2002	12	15	27.8	-2.3	23.2	-4.9	24.9	-3.9
2002	12	16	30.5	-0.8	7.1	-13.8	19.2	-7.1
2002	12	17	11.6	-11.3	7.2	-13.8	9.6	-12.5
2002	12	18	11.5	-11.4	4.7	-15.2	8.8	-12.9
2002	12	19	37.2	2.9	11.4	-11.4	21.9	-5.6
2002	12	20	48.3	9.1	21.2	-6.0	35.9	2.1
2002	12	21	26.6	-3.0	20.2	-6.6	22.5	-5.3
2002	12	22	31.2	-0.4	18.9	-7.3	23.4	-4.8
2002	12	23	20.8	-6.2	16.9	-8.4	18.5	-7.5
2002	12	24	19.4	-7.0	11.7	-11.3	14.0	-10.0
2002	12	25	26.6	-3.0	18.5	-7.5	23.1	-5.0
2002	12	26	21.5	-5.8	13.2	-10.4	17.7	-7.9
2002	12	27	19.9	-6.7	16.0	-8.9	18.7	-7.4
2002	12	28	25.5	-3.6	9.6	-12.4	16.5	-8.6
2002	12	29	26.0	-3.3	17.1	-8.3	22.7	-5.2
2002	12	30	23.8	-4.6	14.9	-9.5	18.8	-7.4
2002	12	31	31.8	-0.1	25.1	-3.8	29.6	-1.4
2003	1	1	32.2	0.1	28.5	-1.9	29.7	-1.3
2003	1	2	29.0	-1.7	19.5	-6.9	22.9	-5.1
2003	1	3	24.2	-4.3	18.2	-7.7	21.9	-5.6
2003	1	4	24.2	-4.3	21.4	-5.9	23.0	-5.0
2003	1	5	22.6	-5.2	18.0	-7.8	20.1	-6.6
2003	1	6	23.2	-4.9	20.5	-6.4	21.5	-5.8
2003	1	7	18.9	-7.3	4.6	-15.2	11.9	-11.2
2003	1	8	27.6	-2.4	17.0	-8.3	24.1	-4.4
2003	1	9	27.7	-2.4	24.9	-3.9	26.0	-3.3
2003	1	10	26.7	-2.9	7.3	-13.7	17.8	-7.9
2003	1	11	11.8	-11.2	1.2	-17.1	5.0	-15.0
2003	1	12	11.4	-11.4	4.0	-15.6	8.3	-13.1
2003	1	13	11.8	-11.2	0.6	-17.4	7.6	-13.5
2003	1	14	8.0	-13.3	0.3	-17.6	4.0	-15.6
2003	1	15	12.0	-11.1	1.5	-16.9	5.9	-14.5
2003	1	16	11.8	-11.2	0.7	-17.4	4.5	-15.3
2003	1	17	12.4	-10.9	-8.9	-22.7	5.0	-15.0
2003	1	18	0.4	-17.6	-10.5	-23.6	-4.3	-20.2
2003	1	19	9.1	-12.7	-2.8	-19.3	2.7	-16.3
2003	1	20	16.9	-8.4	-4.4	-20.2	3.0	-16.1

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 17 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2003	1	21	2.1	-16.6	-6.1	-21.2	-2.5	-19.2
2003	1	22	1.4	-17.0	-10.9	-23.8	-4.2	-20.1
2003	1	23	-1.1	-18.4	-12.2	-24.6	-6.8	-21.6
2003	1	24	1.5	-16.9	-9.4	-23.0	-5.0	-20.6
2003	1	25	7.1	-13.8	2.3	-16.5	4.7	-15.2
2003	1	26	20.4	-6.4	7.0	-13.9	13.6	-10.2
2003	1	27	3.8	-15.7	-11.6	-24.2	-8.7	-22.6
2003	1	28	7.1	-13.8	-9.6	-23.1	-1.3	-18.5
2003	1	29	20.1	-6.6	7.5	-13.6	15.3	-9.3
2003	1	30	13.9	-10.1	6.6	-14.1	11.2	-11.6
2003	1	31	28.2	-2.1	10.1	-12.2	17.9	-7.9
2003	2	1	29.4	-1.4	27.3	-2.6	28.3	-2.0
2003	2	2	28.6	-1.9	18.4	-7.6	23.5	-4.7
2003	2	3	24.6	-4.1	20.9	-6.2	22.3	-5.4
2003	2	4	35.3	1.8	15.7	-9.1	25.9	-3.4
2003	2	5	14.3	-9.8	2.4	-16.4	6.6	-14.1
2003	2	6	17.9	-7.8	2.3	-16.5	8.7	-13.0
2003	2	7	22.3	-5.4	7.2	-13.8	18.1	-7.7
2003	2	8	6.1	-14.4	-1.2	-18.4	2.9	-16.2
2003	2	9	16.5	-8.6	0.2	-17.7	8.7	-13.0
2003	2	10	24.6	-4.1	12.7	-10.7	18.6	-7.5
2003	2	11	17.6	-8.0	-8.3	-22.4	2.4	-16.4
2003	2	12	16.6	-8.6	-5.2	-20.7	2.8	-16.2
2003	2	13	2.2	-16.6	-3.4	-19.7	-1.5	-18.6
2003	2	14	4.9	-15.1	-2.1	-18.9	1.2	-17.1
2003	2	15	5.5	-14.7	-13.9	-25.5	-2.9	-19.4
2003	2	16	6.4	-14.2	-14.7	-25.9	-7.3	-21.8
2003	2	17	15.0	-9.4	4.7	-15.2	9.7	-12.4
2003	2	18	19.8	-6.8	12.0	-11.1	16.1	-8.8
2003	2	19	26.9	-2.8	18.4	-7.6	21.2	-6.0
2003	2	20	27.3	-2.6	17.2	-8.2	21.9	-5.6
2003	2	21	30.1	-1.1	9.4	-12.6	17.6	-8.0
2003	2	22	36.6	2.6	28.2	-2.1	32.2	0.1
2003	2	23	36.0	2.2	12.8	-10.7	26.8	-2.9
2003	2	24	18.9	-7.3	7.3	-13.7	12.1	-11.1
2003	2	25	17.0	-8.3	-2.8	-19.3	5.3	-14.8
2003	2	26	7.5	-13.6	-3.0	-19.4	1.7	-16.8
2003	2	27	13.7	-10.2	7.9	-13.4	11.4	-11.4
2003	2	28	19.0	-7.2	10.4	-12.0	13.2	-10.4
2003	3	1	27.3	-2.6	19.2	-7.1	23.2	-4.9
2003	3	2	32.1	0.1	23.0	-5.0	28.2	-2.1
2003	3	3	22.2	-5.4	-19.0	-28.3	-9.4	-23.0
2003	3	4	16.0	-8.9	-5.9	-21.1	5.0	-15.0
2003	3	5	26.4	-3.1	16.8	-8.4	22.6	-5.2
2003	3	6	23.0	-5.0	2.8	-16.2	13.6	-10.2
2003	3	7	10.7	-11.8	-8.8	-22.7	3.0	-16.1

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 18 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2003	3	8	22.9	-5.1	6.1	-14.4	15.2	-9.3
2003	3	9	26.7	-2.9	-6.8	-21.6	13.5	-10.3
2003	3	10	-0.6	-18.1	-6.8	-21.6	-3.9	-20.0
2003	3	11	19.3	-7.1	-1.6	-18.7	8.4	-13.1
2003	3	12	25.9	-3.4	14.9	-9.5	20.3	-6.5
2003	3	13	23.8	-4.6	12.8	-10.7	21.5	-5.9
2003	3	14	12.2	-11.0	0.6	-17.4	5.6	-14.7
2003	3	15	22.7	-5.2	12.2	-11.0	17.6	-8.0
2003	3	16	40.3	4.6	18.4	-7.6	28.4	-2.0
2003	3	17	44.0	6.7	27.3	-2.6	34.4	1.3
2003	3	18	38.2	3.4	27.7	-2.4	32.5	0.3
2003	3	19	28.7	-1.8	12.0	-11.1	19.7	-6.9
2003	3	20	35.6	2.0	15.8	-9.0	26.1	-3.3
2003	3	21	41.9	5.5	32.6	0.3	36.6	2.6
2003	3	22	36.8	2.7	26.8	-2.9	31.0	-0.6
2003	3	23	27.5	-2.5	23.9	-4.5	25.4	-3.7
2003	3	24	32.2	0.1	22.9	-5.1	27.5	-2.5
2003	3	25	37.2	2.9	25.5	-3.6	32.1	0.1
2003	3	26	36.8	2.7	28.7	-1.8	33.0	0.6
2003	3	27	31.9	-0.1	26.5	-3.1	29.3	-1.5
2003	3	28	42.0	5.6	26.6	-3.0	32.5	0.3
2003	3	29	50.8	10.4	39.3	4.1	45.1	7.3
2003	3	30	36.3	2.4	16.8	-8.4	24.5	-4.2
2003	3	31	18.9	-7.3	6.2	-14.3	11.9	-11.2
2003	4	1	28.9	-1.7	7.6	-13.6	18.9	-7.3
2003	4	2	42.2	5.7	28.9	-1.7	36.0	2.2
2003	4	3	41.1	5.1	33.1	0.6	36.6	2.6
2003	4	4	33.0	0.6	27.0	-2.8	30.6	-0.8
2003	4	5	34.7	1.5	23.1	-4.9	28.8	-1.8
2003	4	6	18.8	-7.3	9.2	-12.7	12.4	-10.9
2003	4	7	22.2	-5.4	12.2	-11.0	17.7	-7.9
2003	4	8	24.8	-4.0	20.4	-6.4	22.7	-5.2
2003	4	9	28.5	-1.9	24.2	-4.3	26.3	-3.2
2003	4	10	28.2	-2.1	16.9	-8.4	23.7	-4.6
2003	4	11	36.5	2.5	16.0	-8.9	28.7	-1.8
2003	4	12	34.3	1.3	24.4	-4.2	29.4	-1.4
2003	4	13	25.4	-3.7	12.6	-10.8	18.3	-7.6
2003	4	14	32.8	0.4	18.7	-7.4	23.6	-4.7
2003	4	15	40.9	4.9	29.7	-1.3	36.3	2.4
2003	4	16	41.8	5.4	28.1	-2.2	37.1	2.8
2003	4	17	26.8	-2.9	17.6	-8.0	21.4	-5.9
2003	4	18	31.3	-0.4	15.0	-9.4	23.3	-4.8
2003	4	19	36.8	2.7	24.2	-4.3	32.7	0.4
2003	4	20	34.2	1.2	23.9	-4.5	28.0	-2.2
2003	4	21	42.7	5.9	27.5	-2.5	35.7	2.0
2003	4	22	45.0	7.2	26.9	-2.8	39.2	4.0

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 19 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2003	4	23	26.4	-3.1	20.4	-6.4	22.5	-5.3
2003	4	24	19.9	-6.7	9.7	-12.4	15.1	-9.4
2003	4	25	34.3	1.3	19.2	-7.1	25.4	-3.7
2003	4	26	44.5	6.9	37.4	3.0	42.5	5.8
2003	4	27	43.0	6.1	20.6	-6.3	30.1	-1.0
2003	4	28	33.8	1.0	26.9	-2.8	30.3	-0.9
2003	4	29	44.4	6.9	29.7	-1.3	37.7	3.2
2003	4	30	34.0	1.1	27.2	-2.7	30.7	-0.7
2003	5	1	54.1	12.3	31.6	-0.2	45.1	7.3
2003	5	2	53.0	11.7	36.9	2.7	46.9	8.3
2003	5	3	36.6	2.6	25.5	-3.6	30.1	-1.0
2003	5	4	33.2	0.7	25.5	-3.6	28.7	-1.8
2003	5	5	34.8	1.6	27.4	-2.6	31.0	-0.6
2003	5	6	46.6	8.1	28.7	-1.8	39.2	4.0
2003	5	9	53.7	12.1	39.1	3.9	47.9	8.8
2003	5	10	55.7	13.2	41.0	5.0	49.4	9.7
2003	5	11	62.0	16.7	46.8	8.2	57.3	14.0
2003	5	12	43.5	6.4	38.6	3.7	40.7	4.8
2003	5	13	38.9	3.8	35.0	1.7	37.1	2.8
2003	5	14	40.5	4.7	36.1	2.3	38.0	3.3
2003	5	15	42.9	6.1	36.0	2.2	39.7	4.3
2003	5	16	46.3	7.9	38.9	3.8	41.5	5.3
2003	5	17	44.1	6.7	38.2	3.4	40.7	4.9
2003	5	18	43.1	6.2	31.7	-0.2	38.5	3.6
2003	5	19	38.4	3.6	29.0	-1.7	34.3	1.3
2003	5	20	42.8	6.0	31.3	-0.4	36.5	2.5
2003	5	21	49.8	9.9	38.0	3.3	43.9	6.6
2003	5	22	46.4	8.0	38.9	3.8	42.9	6.1
2003	5	23	47.8	8.8	43.1	6.2	45.3	7.4
2003	5	24	51.4	10.8	46.5	8.1	49.2	9.6
2003	5	25	50.5	10.3	47.7	8.7	49.1	9.5
2003	5	26	50.7	10.4	47.6	8.7	49.2	9.6
2003	5	27	49.1	9.5	43.7	6.5	47.1	8.4
2003	5	28	50.6	10.3	46.3	7.9	47.9	8.8
2003	5	29	51.8	11.0	45.6	7.6	47.9	8.9
2003	5	30	51.0	10.6	46.3	7.9	49.0	9.5
2003	5	31	53.9	12.2	47.9	8.8	51.1	10.6
2003	6	1	53.0	11.7	35.8	2.1	43.4	6.4
2003	6	2	43.7	6.5	34.4	1.3	38.2	3.4
2003	6	3	48.0	8.9	40.3	4.6	44.1	6.7
2003	6	4	50.5	10.3	44.8	7.1	47.7	8.7
2003	6	5	50.8	10.4	44.8	7.1	48.1	8.9
2003	6	6	51.0	10.6	45.3	7.4	47.3	8.5
2003	6	7	53.5	11.9	46.9	8.3	51.0	10.6
2003	6	8	53.1	11.7	51.7	10.9	52.6	11.4
2003	6	9	54.0	12.2	47.7	8.7	52.1	11.2

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 20 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2003	6	10	52.3	11.3	47.1	8.4	49.9	10.0
2003	6	11	63.3	17.4	52.0	11.1	59.2	15.1
2003	6	12	65.0	18.3	60.8	16.0	62.6	17.0
2003	6	13	63.3	17.4	60.0	15.6	61.7	16.5
2003	6	14	63.8	17.7	57.1	13.9	62.1	16.7
2003	6	15	58.4	14.7	46.6	8.1	53.2	11.8
2003	6	16	48.7	9.3	41.5	5.3	45.5	7.5
2003	6	17	51.1	10.6	43.7	6.5	46.2	7.9
2003	6	18	56.3	13.5	50.5	10.3	53.4	11.9
2003	6	19	58.5	14.7	52.2	11.2	55.4	13.0
2003	6	20	54.0	12.2	50.6	10.3	52.3	11.3
2003	6	21	52.9	11.6	48.2	9.0	50.8	10.4
2003	6	22	58.0	14.4	49.0	9.4	53.5	11.9
2003	6	23	58.1	14.5	49.3	9.6	53.2	11.8
2003	6	24	63.1	17.3	50.3	10.2	56.6	13.7
2003	6	25	64.4	18.0	51.9	11.1	58.2	14.6
2003	6	26	65.8	18.8	58.7	14.8	62.8	17.1
2003	6	27	63.4	17.4	49.3	9.6	57.6	14.2
2003	6	28	53.7	12.1	49.2	9.6	51.0	10.6
2003	6	29	59.7	15.4	52.5	11.4	56.2	13.4
2003	6	30	60.8	16.0	53.2	11.8	57.0	13.9
2003	7	1	58.8	14.9	51.9	11.1	55.0	12.8
2003	7	2	59.2	15.1	53.7	12.1	55.8	13.2
2003	7	3	61.2	16.2	54.1	12.3	57.6	14.2
2003	7	4	68.7	20.4	58.3	14.6	63.0	17.2
2003	7	5	65.1	18.4	61.4	16.3	63.6	17.6
2003	7	6	64.6	18.1	58.8	14.9	61.8	16.5
2003	7	7	66.3	19.1	60.8	16.0	63.7	17.6
2003	7	8	66.8	19.3	60.6	15.9	64.4	18.0
2003	7	9	66.4	19.1	54.8	12.7	59.0	15.0
2003	7	10	57.6	14.2	52.8	11.6	55.3	13.0
2003	7	11	63.9	17.7	52.5	11.4	58.0	14.5
2003	7	12	56.2	13.4	51.1	10.6	53.0	11.6
2003	7	13	55.3	12.9	50.3	10.2	52.3	11.3
2003	7	14	55.9	13.3	51.0	10.6	53.2	11.8
2003	7	15	59.0	15.0	52.7	11.5	56.4	13.5
2003	7	16	64.9	18.3	52.6	11.4	59.5	15.3
2003	7	17	57.7	14.3	49.8	9.9	53.4	11.9
2003	7	18	62.0	16.7	55.4	13.0	58.9	15.0
2003	7	19	59.6	15.3	47.6	8.7	52.0	11.1
2003	7	20	55.8	13.2	47.8	8.8	51.7	10.9
2003	7	21	63.7	17.6	55.7	13.2	61.1	16.2
2003	7	22	62.6	17.0	57.7	14.3	60.3	15.7
2003	7	23	63.3	17.4	60.5	15.8	62.0	16.7
2003	7	24	61.6	16.4	53.9	12.2	58.3	14.6
2003	7	25	58.2	14.6	51.0	10.6	54.7	12.6

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 21 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2003	7	26	62.7	17.1	52.8	11.6	57.4	14.1
2003	7	27	65.1	18.4	59.1	15.1	62.4	16.9
2003	7	28	65.5	18.6	50.0	10.0	56.9	13.8
2003	7	29	57.4	14.1	49.4	9.7	52.4	11.3
2003	7	30	57.3	14.1	52.0	11.1	54.0	12.2
2003	7	31	62.1	16.7	51.2	10.7	55.2	12.9
2003	8	1	68.4	20.2	58.2	14.6	63.8	17.7
2003	8	2	67.5	19.7	64.0	17.8	65.4	18.5
2003	8	3	68.5	20.3	63.6	17.6	65.9	18.9
2003	8	4	67.5	19.7	64.1	17.8	66.2	19.0
2003	8	5	67.3	19.6	61.9	16.6	63.9	17.7
2003	8	6	63.8	17.7	59.0	15.0	61.7	16.5
2003	8	7	64.4	18.0	58.8	14.9	62.1	16.7
2003	8	8	65.5	18.6	61.0	16.1	63.0	17.2
2003	8	9	67.7	19.8	63.7	17.6	65.6	18.7
2003	8	10	66.7	19.3	63.9	17.7	65.4	18.6
2003	8	11	67.4	19.7	63.5	17.5	64.8	18.2
2003	8	12	67.9	19.9	63.7	17.6	65.2	18.4
2003	8	13	68.1	20.1	63.0	17.2	65.4	18.6
2003	8	14	66.5	19.2	60.9	16.1	63.6	17.6
2003	8	15	66.0	18.9	59.9	15.5	63.2	17.3
2003	8	16	67.5	19.7	58.0	14.4	63.2	17.3
2003	8	17	61.9	16.6	56.5	13.6	59.7	15.4
2003	8	18	58.4	14.7	52.7	11.5	55.5	13.1
2003	8	19	61.3	16.3	53.0	11.7	56.8	13.8
2003	8	20	63.9	17.7	54.7	12.6	58.8	14.9
2003	8	21	67.0	19.4	58.7	14.8	63.3	17.4
2003	8	22	69.3	20.7	62.7	17.1	66.0	18.9
2003	8	23	62.1	16.7	39.2	4.0	50.5	10.3
2003	8	24	50.4	10.2	40.8	4.9	45.6	7.6
2003	8	25	64.9	18.3	50.3	10.2	56.3	13.5
2003	8	26	65.7	18.7	58.3	14.6	62.0	16.7
2003	8	27	64.8	18.2	61.1	16.2	62.9	17.2
2003	8	28	57.0	13.9	47.0	8.3	52.8	11.5
2003	8	29	68.4	20.2	51.8	11.0	61.2	16.2
2003	8	30	65.0	18.3	50.7	10.4	60.2	15.7
2003	8	31	55.1	12.8	46.3	7.9	49.7	9.9
2003	9	1	60.8	16.0	55.2	12.9	58.3	14.6
2003	9	2	63.0	17.2	53.5	11.9	57.0	13.9
2003	9	3	61.3	16.3	54.1	12.3	57.4	14.1
2003	9	4	63.5	17.5	55.8	13.2	61.3	16.3
2003	9	5	56.5	13.6	48.3	9.1	52.2	11.2
2003	9	6	56.5	13.6	46.0	7.8	50.4	10.2
2003	9	7	56.3	13.5	47.7	8.7	51.8	11.0
2003	9	8	58.1	14.5	51.5	10.8	55.0	12.8
2003	9	9	55.1	12.8	46.6	8.1	50.9	10.5

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 22 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2003	9	10	55.2	12.9	46.5	8.1	49.8	9.9
2003	9	11	57.3	14.1	48.8	9.3	53.6	12.0
2003	9	12	55.7	13.2	45.6	7.6	49.2	9.6
2003	9	13	65.2	18.4	49.2	9.6	59.7	15.4
2003	9	14	65.8	18.8	62.8	17.1	64.1	17.8
2003	9	15	65.1	18.4	61.0	16.1	63.5	17.5
2003	9	16	60.9	16.1	42.0	5.6	51.6	10.9
2003	9	17	53.5	11.9	47.4	8.6	49.9	9.9
2003	9	18	55.4	13.0	48.3	9.1	51.9	11.1
2003	9	19	64.4	18.0	56.3	13.5	60.4	15.8
2003	9	20	60.6	15.9	48.6	9.2	55.8	13.2
2003	9	21	56.7	13.7	46.1	7.8	50.8	10.4
2003	9	22	61.4	16.3	51.2	10.7	55.8	13.2
2003	9	23	62.9	17.2	42.4	5.8	53.6	12.0
2003	9	24	50.1	10.1	43.1	6.2	45.9	7.7
2003	9	25	59.5	15.3	46.4	8.0	53.2	11.8
2003	9	26	59.0	15.0	50.0	10.0	53.5	11.9
2003	9	27	62.1	16.7	56.1	13.4	59.4	15.2
2003	9	28	57.8	14.3	48.6	9.2	52.2	11.2
2003	9	29	48.1	8.9	39.4	4.1	43.4	6.3
2003	9	30	41.8	5.4	34.9	1.6	39.2	4.0
2003	10	1	44.0	6.7	37.1	2.8	40.6	4.8
2003	10	2	38.5	3.6	25.3	-3.7	32.9	0.5
2003	10	3	34.0	1.1	27.6	-2.4	31.3	-0.4
2003	10	4	43.9	6.6	32.1	0.1	39.9	4.4
2003	10	5	39.6	4.2	30.6	-0.8	35.3	1.8
2003	10	6	36.5	2.5	29.4	-1.4	33.1	0.6
2003	10	7	43.6	6.4	31.7	-0.2	36.9	2.7
2003	10	8	50.0	10.0	38.8	3.8	44.3	6.9
2003	10	9	57.1	13.9	42.2	5.7	49.8	9.9
2003	10	10	54.1	12.3	47.3	8.5	51.2	10.7
2003	10	11	51.5	10.8	40.7	4.8	46.0	7.8
2003	10	12	53.0	11.7	41.2	5.1	46.7	8.1
2003	10	13	46.4	8.0	42.1	5.6	43.7	6.5
2003	10	14	51.5	10.8	40.9	4.9	43.5	6.4
2003	10	15	51.3	10.7	27.3	-2.6	38.4	3.6
2003	10	16	39.4	4.1	33.3	0.7	35.7	2.0
2003	10	21	47.7	8.7	40.6	4.8	43.1	6.2
2003	10	22	42.9	6.1	21.1	-6.1	33.0	0.6
2003	10	23	25.2	-3.8	17.9	-7.8	21.3	-6.0
2003	10	24	30.3	-0.9	20.2	-6.6	26.2	-3.2
2003	10	25	39.3	4.1	27.8	-2.3	32.9	0.5
2003	10	26	55.5	13.1	40.0	4.4	51.0	10.5
2003	10	27	56.2	13.4	38.4	3.6	50.0	10.0
2003	10	28	37.3	2.9	28.6	-1.9	33.7	0.9
2003	10	29	44.2	6.8	29.9	-1.2	41.4	5.2

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}

(Page 23 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2003	10	30	37.7	3.2	29.3	-1.5	32.9	0.5
2003	10	31	45.4	7.4	35.0	1.7	40.6	4.8
2003	11	1	55.0	12.8	42.5	5.8	48.4	9.1
2003	11	2	54.8	12.7	45.8	7.7	50.1	10.1
2003	11	3	68.1	20.1	48.5	9.2	55.8	13.2
2003	11	4	65.6	18.7	45.6	7.6	53.5	12.0
2003	11	5	57.5	14.2	51.5	10.8	54.7	12.6
2003	11	6	56.5	13.6	45.2	7.3	48.4	9.1
2003	11	7	44.9	7.2	36.3	2.4	42.0	5.5
2003	11	8	36.1	2.3	10.6	-11.9	22.9	-5.1
2003	11	9	17.9	-7.8	11.2	-11.6	15.2	-9.3
2003	11	10	22.7	-5.2	14.3	-9.8	18.3	-7.6
2003	11	11	39.0	3.9	22.6	-5.2	31.2	-0.4
2003	11	12	48.8	9.3	39.0	3.9	43.2	6.2
2003	11	13	49.5	9.7	17.8	-7.9	27.8	-2.4
2003	11	14	21.8	-5.7	13.4	-10.3	18.0	-7.8
2003	11	15	27.7	-2.4	22.6	-5.2	25.6	-3.6
2003	11	16	32.3	0.2	25.9	-3.4	29.4	-1.4
2003	11	17	40.0	4.4	33.0	0.6	37.7	3.2
2003	11	18	44.3	6.8	36.7	2.6	39.5	4.2
2003	11	19	55.7	13.2	43.5	6.4	50.8	10.5
2003	11	20	40.3	4.6	28.0	-2.2	31.5	-0.3
2003	11	21	39.1	3.9	26.8	-2.9	33.3	0.7
2003	11	22	40.3	4.6	32.7	0.4	36.8	2.6
2003	11	23	41.9	5.5	32.6	0.3	37.3	2.9
2003	11	24	43.9	6.6	29.0	-1.7	37.4	3.0
2003	11	25	28.9	-1.7	18.9	-7.3	22.2	-5.5
2003	11	26	29.0	-1.7	22.9	-5.1	25.5	-3.6
2003	11	27	34.8	1.6	24.3	-4.3	28.8	-1.8
2003	11	28	52.4	11.3	33.9	1.1	43.1	6.2
2003	11	29	33.0	0.6	19.6	-6.9	24.5	-4.2
2003	11	30	26.6	-3.0	19.0	-7.2	22.5	-5.3
2003	12	1	29.9	-1.2	14.7	-9.6	22.9	-5.1
2003	12	2	22.3	-5.4	1.7	-16.8	12.3	-10.9
2003	12	3	11.9	-11.2	4.1	-15.5	7.5	-13.6
2003	12	4	17.6	-8.0	10.4	-12.0	14.2	-9.9
2003	12	5	24.5	-4.2	16.2	-8.8	20.3	-6.5
2003	12	6	20.4	-6.4	14.9	-9.5	16.8	-8.5
2003	12	7	15.0	-9.4	9.7	-12.4	11.9	-11.2
2003	12	8	16.6	-8.6	8.3	-13.2	12.1	-11.1
2003	12	9	19.4	-7.0	16.5	-8.6	18.1	-7.7
2003	12	10	44.3	6.8	19.8	-6.8	28.9	-1.8
2003	12	11	48.9	9.4	22.6	-5.2	39.5	4.1
2003	12	12	22.3	-5.4	14.1	-9.9	17.6	-8.0
2003	12	13	16.7	-8.5	7.0	-13.9	10.9	-11.7
2003	12	14	24.3	-4.3	8.1	-13.3	18.1	-7.7

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 24 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2003	12	15	24.3	-4.3	16.1	-8.8	20.6	-6.3
2003	12	16	27.8	-2.3	17.6	-8.0	23.0	-5.0
2003	12	17	36.9	2.7	20.3	-6.5	29.4	-1.5
2003	12	18	21.1	-6.1	17.8	-7.9	18.8	-7.3
2003	12	19	20.8	-6.2	17.7	-7.9	19.6	-6.9
2003	12	20	21.3	-5.9	8.2	-13.2	16.9	-8.4
2003	12	21	14.7	-9.6	8.8	-12.9	12.6	-10.8
2003	12	22	25.7	-3.5	13.2	-10.4	19.0	-7.3
2003	12	23	34.6	1.4	25.8	-3.4	28.9	-1.7
2003	12	24	48.9	9.4	29.8	-1.2	40.5	4.7
2003	12	25	27.7	-2.4	18.1	-7.7	22.4	-5.3
2003	12	26	25.1	-3.8	15.9	-8.9	20.4	-6.4
2003	12	27	26.8	-2.9	17.6	-8.0	22.8	-5.1
2003	12	28	29.0	-1.7	18.2	-7.7	23.8	-4.6
2003	12	29	29.2	-1.6	22.1	-5.5	25.5	-3.6
2003	12	30	35.2	1.8	20.1	-6.6	26.8	-2.9
2003	12	31	24.3	-4.3	20.4	-6.4	22.1	-5.5
2004	1	1	23.3	-4.8	17.3	-8.2	20.3	-6.5
2004	1	2	33.2	0.7	22.4	-5.3	28.9	-1.7
2004	1	3	45.3	7.4	33.5	0.8	41.6	5.3
2004	1	4	44.3	6.8	29.7	-1.3	36.6	2.5
2004	1	5	34.6	1.4	25.7	-3.5	31.4	-0.3
2004	1	6	22.2	-5.4	-2.1	-18.9	14.1	-10.0
2004	1	7	6.4	-14.2	-4.2	-20.1	0.9	-17.3
2004	1	8	12.7	-10.7	4.4	-15.3	9.0	-12.8
2004	1	9	14.6	-9.7	-16.8	-27.1	-4.2	-20.1
2004	1	10	-6.7	-21.5	-13.6	-25.3	-11.0	-23.9
2004	1	11	17.1	-8.3	-6.4	-21.3	1.4	-17.0
2004	1	12	26.7	-2.9	13.0	-10.6	19.8	-6.8
2004	1	13	29.4	-1.4	-3.2	-19.6	18.6	-7.5
2004	1	14	6.6	-14.1	-8.5	-22.5	-1.8	-18.8
2004	1	15	5.0	-15.0	-18.2	-27.9	-3.4	-19.7
2004	1	16	2.8	-16.2	-17.9	-27.7	-7.0	-21.7
2004	1	17	15.2	-9.3	1.3	-17.1	6.3	-14.3
2004	1	18	25.5	-3.6	8.2	-13.2	19.1	-7.2
2004	1	19	8.8	-12.9	4.8	-15.1	6.8	-14.0
2004	1	20	9.6	-12.4	2.4	-16.4	4.3	-15.4
2004	1	21	6.7	-14.1	2.5	-16.4	4.3	-15.4
2004	1	22	25.6	-3.6	-2.3	-19.1	9.1	-12.7
2004	1	23	1.2	-17.1	-8.7	-22.6	-5.8	-21.0
2004	1	24	4.3	-15.4	-11.1	-23.9	-1.0	-18.3
2004	1	25	-1.5	-18.6	-11.6	-24.2	-6.4	-21.4
2004	1	26	9.5	-12.5	-3.2	-19.6	4.8	-15.1
2004	1	27	20.0	-6.7	9.4	-12.6	15.0	-9.5
2004	1	28	17.9	-7.8	6.8	-14.0	12.8	-10.7
2004	1	29	8.1	-13.3	-4.0	-20.0	2.4	-16.5

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 25 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2004	1	30	0.3	-17.6	-4.2	-20.1	-1.6	-18.7
2004	1	31	5.3	-14.8	-1.7	-18.7	2.0	-16.7
2004	2	1	12.8	-10.7	2.6	-16.3	8.1	-13.3
2004	2	2	19.5	-6.9	9.8	-12.3	15.7	-9.0
2004	2	3	32.6	0.3	17.0	-8.3	25.8	-3.4
2004	2	4	30.1	-1.1	14.3	-9.8	21.6	-5.8
2004	2	5	17.6	-8.0	8.4	-13.1	12.9	-10.6
2004	2	6	32.8	0.4	15.7	-9.1	27.1	-2.7
2004	2	7	30.7	-0.7	10.5	-11.9	23.6	-4.6
2004	2	8	9.4	-12.6	-2.0	-18.9	4.9	-15.1
2004	2	9	20.5	-6.4	4.5	-15.3	12.3	-10.9
2004	2	10	23.7	-4.6	16.6	-8.6	20.2	-6.6
2004	2	11	24.5	-4.2	9.3	-12.6	14.4	-9.8
2004	2	12	21.0	-6.1	10.6	-11.9	15.1	-9.4
2004	2	13	22.6	-5.2	16.8	-8.4	18.6	-7.5
2004	2	14	18.1	-7.7	14.1	-9.9	16.1	-8.8
2004	2	15	18.0	-7.8	-7.0	-21.7	1.6	-16.9
2004	2	16	5.5	-14.7	-9.4	-23.0	-1.0	-18.3
2004	2	17	14.9	-9.5	3.0	-16.1	8.2	-13.2
2004	2	18	15.0	-9.4	2.5	-16.4	11.3	-11.5
2004	2	19	24.5	-4.2	14.3	-9.8	20.3	-6.5
2004	2	20	29.1	-1.6	21.3	-5.9	24.4	-4.3
2004	2	21	32.1	0.1	23.7	-4.6	28.9	-1.7
2004	2	22	25.1	-3.8	14.6	-9.7	17.5	-8.0
2004	2	23	20.7	-6.3	12.2	-11.0	16.7	-8.5
2004	2	24	27.1	-2.7	4.2	-15.4	21.5	-5.9
2004	2	25	10.2	-12.1	2.3	-16.5	7.8	-13.5
2004	2	26	18.4	-7.6	7.6	-13.6	12.4	-10.9
2004	2	27	13.3	-10.4	6.8	-14.0	9.5	-12.5
2004	2	28	21.5	-5.8	11.1	-11.6	15.9	-9.0
2004	2	29	23.2	-4.9	16.6	-8.6	20.4	-6.4
2004	3	1	28.7	-1.8	20.9	-6.2	25.2	-3.8
2004	3	2	44.0	6.7	26.8	-2.9	33.4	0.8
2004	3	3	34.2	1.2	28.4	-2.0	32.1	0.0
2004	3	4	40.8	4.9	31.9	-0.1	36.7	2.6
2004	3	5	43.9	6.6	37.1	2.8	40.0	4.4
2004	3	6	50.5	10.3	25.3	-3.7	41.4	5.2
2004	3	7	33.4	0.8	22.6	-5.2	26.0	-3.3
2004	3	8	31.5	-0.3	24.2	-4.3	27.8	-2.3
2004	3	9	26.6	-3.0	22.8	-5.1	24.7	-4.1
2004	3	10	28.8	-1.8	22.8	-5.1	24.2	-4.4
2004	3	11	24.9	-3.9	18.7	-7.4	22.0	-5.5
2004	3	12	29.9	-1.2	12.0	-11.1	18.7	-7.4
2004	3	13	15.7	-9.1	4.5	-15.3	10.2	-12.1
2004	3	14	27.1	-2.7	9.4	-12.6	15.8	-9.0
2004	3	15	30.8	-0.7	13.9	-10.1	22.2	-5.4

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 26 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2004	3	16	24.7	-4.1	16.9	-8.4	21.1	-6.0
2004	3	17	25.8	-3.4	20.0	-6.7	22.8	-5.1
2004	3	18	24.7	-4.1	19.2	-7.1	21.3	-6.0
2004	3	19	27.1	-2.7	16.1	-8.8	22.5	-5.3
2004	3	20	35.1	1.7	15.3	-9.3	24.7	-4.0
2004	3	21	35.5	1.9	12.7	-10.7	24.0	-4.5
2004	3	22	12.1	-11.1	-2.7	-19.3	2.0	-16.7
2004	3	23	14.8	-9.6	5.6	-14.7	10.5	-11.9
2004	3	24	30.1	-1.1	15.2	-9.3	20.9	-6.2
2004	3	25	38.7	3.7	30.8	-0.7	35.4	1.9
2004	3	26	44.7	7.1	34.4	1.3	39.7	4.3
2004	3	27	51.8	11.0	39.9	4.4	45.8	7.7
2004	3	28	39.4	4.1	22.8	-5.1	33.6	0.9
2004	3	29	33.0	0.6	19.1	-7.2	27.7	-2.4
2004	3	30	33.0	0.6	17.1	-8.3	26.4	-3.1
2004	3	31	39.6	4.2	32.9	0.5	36.8	2.6
2004	4	1	40.1	4.5	37.7	3.2	38.7	3.7
2004	4	2	39.2	4.0	34.5	1.4	35.9	2.2
2004	4	3	37.1	2.8	32.9	0.5	34.9	1.6
2004	4	4	36.6	2.6	14.7	-9.6	28.0	-2.2
2004	4	7	33.0	0.6	25.8	-3.4	29.5	-1.4
2004	4	8	35.7	2.1	25.5	-3.6	30.3	-1.0
2004	4	9	37.7	3.2	16.2	-8.8	29.6	-1.3
2004	4	10	27.1	-2.7	22.3	-5.4	25.0	-3.9
2004	4	11	30.5	-0.8	23.3	-4.8	26.5	-3.1
2004	4	12	36.8	2.7	21.3	-5.9	30.1	-1.1
2004	4	13	49.2	9.6	34.7	1.5	40.5	4.7
2004	4	14	44.8	7.1	28.4	-2.0	36.2	2.3
2004	4	15	27.9	-2.3	11.6	-11.3	19.9	-6.8
2004	4	16	27.0	-2.8	16.9	-8.4	22.0	-5.6
2004	4	17	44.6	7.0	27.9	-2.3	36.4	2.4
2004	4	18	53.0	11.7	43.1	6.2	47.8	8.8
2004	4	19	50.3	10.2	30.7	-0.7	42.7	5.9
2004	4	20	51.1	10.6	33.7	0.9	38.8	3.8
2004	4	21	48.2	9.0	35.9	2.2	41.7	5.4
2004	4	22	53.1	11.7	44.6	7.0	49.5	9.7
2004	4	23	48.9	9.4	44.6	7.0	46.3	7.9
2004	4	24	46.5	8.1	25.9	-3.4	35.0	1.7
2004	4	25	37.3	2.9	22.8	-5.1	30.8	-0.7
2004	4	26	49.6	9.8	37.8	3.2	45.2	7.3
2004	4	27	45.5	7.5	27.2	-2.7	35.1	1.7
2004	4	28	30.4	-0.9	16.7	-8.5	21.7	-5.7
2004	4	29	44.5	6.9	28.3	-2.1	36.4	2.5
2004	4	30	51.0	10.6	42.0	5.6	46.1	7.8
2004	5	1	56.7	13.7	48.5	9.2	52.6	11.4
2004	5	2	59.5	15.3	53.4	11.9	57.2	14.0

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 27 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2004	5	3	53.5	11.9	29.8	-1.2	36.5	2.5
2004	5	7	55.8	13.2	38.5	3.6	49.2	9.6
2004	5	8	38.9	3.8	27.7	-2.4	33.4	0.8
2004	5	9	55.5	13.1	37.1	2.8	48.0	8.9
2004	5	10	58.0	14.4	51.4	10.8	54.9	12.7
2004	5	11	60.8	16.0	54.6	12.6	57.1	13.9
2004	5	12	62.1	16.7	57.4	14.1	60.0	15.5
2004	5	13	61.9	16.6	53.6	12.0	57.9	14.4
2004	5	14	62.3	16.8	58.7	14.8	60.4	15.8
2004	5	15	62.1	16.7	56.9	13.8	59.2	15.1
2004	5	16	56.6	13.7	51.0	10.6	53.0	11.7
2004	5	17	59.0	15.0	49.0	9.4	54.2	12.3
2004	5	18	62.5	16.9	57.7	14.3	59.6	15.4
2004	5	19	61.4	16.3	51.0	10.6	55.2	12.9
2004	5	20	57.2	14.0	48.5	9.2	52.2	11.2
2004	5	21	64.7	18.2	57.5	14.2	61.5	16.4
2004	5	22	65.2	18.4	59.1	15.1	62.0	16.6
2004	5	23	67.1	19.5	61.4	16.3	63.8	17.7
2004	5	24	63.8	17.7	54.9	12.7	60.0	15.5
2004	5	25	57.5	14.2	49.2	9.6	52.8	11.5
2004	5	26	60.7	15.9	57.0	13.9	58.9	14.9
2004	5	27	59.2	15.1	50.3	10.2	55.5	13.0
2004	5	28	61.0	16.1	41.3	5.2	54.2	12.3
2004	5	29	41.5	5.3	27.2	-2.7	32.8	0.5
2004	5	30	47.4	8.6	34.1	1.2	39.5	4.2
2004	5	31	50.8	10.4	41.3	5.2	47.4	8.5
2004	6	1	53.4	11.9	48.5	9.2	51.5	10.8
2004	6	2	54.5	12.5	48.7	9.3	51.2	10.7
2004	6	3	53.3	11.8	40.5	4.7	47.0	8.3
2004	6	4	50.7	10.4	32.5	0.3	42.1	5.6
2004	6	5	49.2	9.6	45.0	7.2	47.6	8.7
2004	6	6	52.5	11.4	45.7	7.6	48.7	9.3
2004	6	7	59.0	15.0	48.2	9.0	53.9	12.2
2004	6	8	61.2	16.2	53.0	11.7	56.8	13.8
2004	6	9	66.6	19.2	57.4	14.1	63.0	17.2
2004	6	10	64.4	18.0	53.5	11.9	60.3	15.7
2004	6	11	53.1	11.7	45.0	7.2	49.6	9.8
2004	6	12	50.6	10.3	37.2	2.9	43.2	6.2
2004	6	13	50.4	10.2	44.0	6.7	46.8	8.2
2004	6	14	66.4	19.1	50.7	10.4	59.1	15.1
2004	6	15	64.7	18.2	61.5	16.4	62.7	17.1
2004	6	16	68.4	20.2	59.9	15.5	62.8	17.1
2004	6	17	68.7	20.4	63.7	17.6	66.5	19.2
2004	6	18	66.6	19.2	59.9	15.5	64.5	18.1
2004	6	19	64.0	17.8	35.9	2.2	52.4	11.4
2004	6	20	47.6	8.7	39.2	4.0	41.6	5.3

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 28 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2004	6	21	52.1	11.2	42.7	5.9	46.8	8.2
2004	6	22	65.4	18.6	54.7	12.6	60.6	15.9
2004	6	23	61.6	16.4	49.2	9.6	54.9	12.7
2004	6	24	58.8	14.9	51.0	10.6	54.1	12.3
2004	6	25	58.3	14.6	49.7	9.8	55.4	13.0
2004	6	26	60.1	15.6	40.5	4.7	50.9	10.5
2004	6	27	50.2	10.1	41.5	5.3	45.3	7.4
2004	6	28	55.9	13.3	46.8	8.2	51.3	10.7
2004	6	29	53.4	11.9	47.9	8.8	50.2	10.1
2004	6	30	57.2	14.0	49.1	9.5	53.1	11.7
2004	7	1	60.4	15.8	52.7	11.5	57.1	13.9
2004	7	2	62.8	17.1	55.0	12.8	59.2	15.1
2004	7	3	59.8	15.4	46.7	8.2	53.4	11.9
2004	7	4	61.1	16.2	56.4	13.6	58.6	14.8
2004	7	5	67.3	19.6	59.7	15.4	63.0	17.2
2004	7	6	58.6	14.8	49.6	9.8	54.1	12.3
2004	7	7	67.3	19.6	55.3	12.9	61.1	16.2
2004	7	8	63.7	17.6	54.5	12.5	59.9	15.5
2004	7	9	58.0	14.4	49.7	9.8	53.0	11.7
2004	7	10	59.6	15.3	51.7	10.9	55.1	12.9
2004	7	11	64.4	18.0	55.9	13.3	59.1	15.1
2004	7	12	62.1	16.7	58.8	14.9	60.6	15.9
2004	7	13	62.4	16.9	58.4	14.7	60.0	15.6
2004	7	14	63.0	17.2	58.2	14.6	60.8	16.0
2004	7	15	60.4	15.8	53.7	12.1	56.8	13.8
2004	7	16	62.0	16.7	52.8	11.6	57.2	14.0
2004	7	17	62.1	16.7	53.0	11.7	57.9	14.4
2004	7	18	60.6	15.9	56.1	13.4	58.5	14.7
2004	7	19	60.4	15.8	56.9	13.8	58.7	14.8
2004	7	20	61.5	16.4	54.0	12.2	58.8	14.9
2004	7	21	64.6	18.1	55.5	13.1	59.8	15.5
2004	7	22	65.1	18.4	59.9	15.5	63.1	17.3
2004	7	23	66.9	19.4	60.5	15.8	64.6	18.1
2004	7	24	58.3	14.6	45.3	7.4	50.6	10.3
2004	7	25	59.7	15.4	50.2	10.1	55.0	12.8
2004	7	26	59.7	15.4	55.6	13.1	57.2	14.0
2004	7	27	62.0	16.7	52.4	11.3	58.2	14.6
2004	7	28	62.1	16.7	58.4	14.7	60.1	15.6
2004	7	29	63.1	17.3	57.1	13.9	59.2	15.1
2004	7	30	67.3	19.6	57.8	14.3	63.3	17.4
2004	7	31	67.2	19.6	63.8	17.7	65.6	18.7
2004	8	1	67.3	19.6	64.6	18.1	65.4	18.5
2004	8	2	67.4	19.7	59.4	15.2	62.7	17.1
2004	8	3	66.3	19.1	61.0	16.1	63.3	17.4
2004	8	4	64.2	17.9	60.0	15.6	62.0	16.7
2004	8	5	60.6	15.9	43.2	6.2	53.1	11.7

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 29 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2004	8	6	49.3	9.6	41.1	5.1	44.5	6.9
2004	8	7	49.1	9.5	43.0	6.1	46.8	8.2
2004	8	8	58.3	14.6	48.7	9.3	51.6	10.9
2004	8	9	57.6	14.2	49.2	9.6	53.0	11.6
2004	8	10	61.2	16.2	54.8	12.7	58.2	14.6
2004	8	11	62.9	17.2	59.5	15.3	60.9	16.1
2004	8	12	62.8	17.1	59.6	15.3	61.3	16.3
2004	8	13	61.4	16.3	57.7	14.3	59.7	15.4
2004	8	14	59.6	15.3	53.5	11.9	56.2	13.4
2004	8	15	59.9	15.5	57.0	13.9	58.0	14.4
2004	8	16	59.4	15.2	55.1	12.8	56.8	13.8
2004	8	17	57.1	13.9	51.4	10.8	54.0	12.2
2004	8	18	60.3	15.7	55.1	12.8	56.9	13.8
2004	8	19	64.0	17.8	58.4	14.7	61.7	16.5
2004	8	20	65.8	18.8	59.7	15.4	62.6	17.0
2004	8	21	64.8	18.2	53.5	11.9	59.2	15.1
2004	8	22	52.5	11.4	45.9	7.7	49.2	9.6
2004	8	23	61.2	16.2	48.1	8.9	54.3	12.4
2004	8	24	64.8	18.2	58.3	14.6	60.6	15.9
2004	8	25	61.4	16.3	52.8	11.6	57.9	14.4
2004	8	26	60.7	15.9	47.3	8.5	56.4	13.5
2004	8	27	66.3	19.1	59.4	15.2	63.5	17.5
2004	8	28	68.4	20.2	61.8	16.6	64.9	18.3
2004	8	29	68.2	20.1	62.0	16.7	64.4	18.0
2004	8	30	67.3	19.6	62.2	16.8	64.4	18.0
2004	8	31	63.1	17.3	53.1	11.7	57.4	14.1
2004	9	1	56.7	13.7	51.9	11.1	53.9	12.2
2004	9	2	57.7	14.3	49.1	9.5	53.0	11.7
2004	9	3	59.7	15.4	51.7	10.9	55.6	13.1
2004	9	4	63.3	17.4	52.6	11.4	58.2	14.6
2004	9	5	60.5	15.8	51.6	10.9	57.2	14.0
2004	9	6	55.4	13.0	47.9	8.8	51.5	10.8
2004	9	7	63.6	17.6	55.7	13.2	59.0	15.0
2004	9	8	64.1	17.8	61.3	16.3	62.4	16.9
2004	9	9	66.3	19.1	53.7	12.1	62.9	17.2
2004	9	10	57.1	13.9	52.4	11.3	54.6	12.6
2004	9	11	54.5	12.5	50.2	10.1	52.6	11.4
2004	9	12	59.3	15.2	51.3	10.7	54.6	12.6
2004	9	13	59.7	15.4	52.7	11.5	56.1	13.4
2004	9	14	58.1	14.5	51.8	11.0	55.4	13.0
2004	9	15	57.8	14.3	50.7	10.4	53.8	12.1
2004	9	16	60.4	15.8	57.5	14.2	59.2	15.1
2004	9	17	63.6	17.6	55.5	13.1	59.2	15.1
2004	9	18	55.5	13.1	38.1	3.4	49.0	9.4
2004	9	19	40.3	4.6	34.5	1.4	37.1	2.8
2004	9	20	50.3	10.2	38.7	3.7	43.4	6.3

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 30 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2004	9	21	56.9	13.8	43.8	6.6	48.6	9.2
2004	9	22	55.1	12.8	44.0	6.7	49.7	9.8
2004	9	23	62.1	16.7	48.7	9.3	55.0	12.8
2004	9	24	59.3	15.2	53.8	12.1	57.1	13.9
2004	9	25	59.7	15.4	51.9	11.1	56.2	13.5
2004	9	26	59.5	15.3	48.4	9.1	52.0	11.1
2004	9	27	58.2	14.6	46.5	8.1	51.8	11.0
2004	9	28	58.6	14.8	55.0	12.8	57.9	14.4
2004	9	29	55.7	13.2	50.2	10.1	52.7	11.5
2004	9	30	54.1	12.3	42.6	5.9	49.2	9.6
2004	10	1	48.9	9.4	38.3	3.5	43.7	6.5
2004	10	2	56.7	13.7	44.2	6.8	51.9	11.1
2004	10	3	44.1	6.7	37.2	2.9	40.4	4.7
2004	10	4	48.6	9.2	36.6	2.6	40.5	4.7
2004	10	5	36.6	2.6	26.7	-2.9	32.4	0.2
2004	10	6	39.8	4.3	30.8	-0.7	34.1	1.2
2004	10	7	48.6	9.2	34.6	1.4	41.0	5.0
2004	10	8	50.0	10.0	42.0	5.6	46.3	8.0
2004	10	9	51.2	10.7	43.2	6.2	47.6	8.7
2004	10	10	50.6	10.3	35.4	1.9	40.8	4.9
2004	10	11	37.5	3.1	30.9	-0.6	33.1	0.6
2004	10	12	37.0	2.8	30.3	-0.9	33.2	0.7
2004	10	13	43.2	6.2	32.9	0.5	37.6	3.1
2004	10	14	46.6	8.1	41.8	5.4	44.4	6.9
2004	10	15	50.5	10.3	42.4	5.8	46.7	8.2
2004	10	16	41.5	5.3	33.6	0.9	38.2	3.4
2004	10	17	32.8	0.4	27.7	-2.4	30.0	-1.1
2004	10	18	40.3	4.6	30.3	-0.9	33.7	1.0
2004	10	19	40.2	4.6	38.7	3.7	39.5	4.2
2004	10	20	41.7	5.4	38.2	3.4	39.5	4.2
2004	10	21	41.0	5.0	38.1	3.4	40.1	4.5
2004	10	22	38.9	3.8	33.1	0.6	36.1	2.3
2004	10	23	33.8	1.0	29.7	-1.3	31.4	-0.3
2004	10	24	36.7	2.6	29.7	-1.3	32.6	0.3
2004	10	25	42.6	5.9	36.9	2.7	39.9	4.4
2004	10	26	42.6	5.9	38.3	3.5	40.3	4.6
2004	10	27	40.5	4.7	35.2	1.8	37.5	3.1
2004	10	28	37.9	3.3	26.7	-2.9	32.8	0.5
2004	10	29	45.1	7.3	31.5	-0.3	39.0	3.9
2004	10	30	54.9	12.7	45.8	7.7	50.1	10.1
2004	10	31	54.6	12.6	35.5	1.9	42.7	5.9
2004	11	1	35.6	2.0	32.9	0.5	34.3	1.3
2004	11	2	48.6	9.2	31.9	-0.1	37.8	3.2
2004	11	4	39.1	3.9	26.6	-3.0	32.1	0.1
2004	11	5	39.8	4.3	19.4	-7.0	26.6	-3.0
2004	11	6	31.7	-0.2	23.5	-4.7	27.6	-2.4

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 31 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2004	11	7	40.7	4.8	29.7	-1.3	35.6	2.0
2004	11	8	34.7	1.5	11.4	-11.4	19.2	-7.1
2004	11	9	24.4	-4.2	11.9	-11.2	16.5	-8.6
2004	11	10	25.5	-3.6	17.6	-8.0	20.1	-6.6
2004	11	11	34.3	1.3	26.1	-3.3	29.3	-1.5
2004	11	12	32.1	0.1	29.0	-1.7	30.6	-0.8
2004	11	13	28.9	-1.7	10.2	-12.1	18.4	-7.5
2004	11	14	22.1	-5.5	10.6	-11.9	17.6	-8.0
2004	11	15	26.3	-3.2	19.4	-7.0	23.1	-5.0
2004	11	16	28.7	-1.8	22.7	-5.2	25.8	-3.4
2004	11	17	34.6	1.4	24.8	-4.0	29.4	-1.5
2004	11	18	44.6	7.0	34.6	1.4	40.8	4.9
2004	11	19	44.4	6.9	36.4	2.4	41.1	5.0
2004	11	20	41.2	5.1	35.8	2.1	38.8	3.8
2004	11	21	45.5	7.5	38.0	3.3	42.5	5.8
2004	11	22	38.2	3.4	32.5	0.3	34.8	1.6
2004	11	23	40.3	4.6	29.4	-1.4	34.6	1.5
2004	11	24	54.2	12.3	40.8	4.9	45.7	7.6
2004	11	25	54.6	12.6	15.3	-9.3	38.3	3.5
2004	11	26	24.2	-4.3	11.5	-11.4	18.4	-7.6
2004	11	27	38.0	3.3	18.2	-7.7	24.4	-4.2
2004	11	28	47.8	8.8	24.6	-4.1	37.5	3.0
2004	11	29	26.5	-3.1	19.8	-6.8	22.9	-5.0
2004	11	30	30.4	-0.9	26.4	-3.1	27.6	-2.5
2004	12	1	41.8	5.4	22.2	-5.4	31.8	-0.1
2004	12	2	24.9	-3.9	20.8	-6.2	23.0	-5.0
2004	12	3	25.8	-3.4	12.5	-10.8	20.0	-6.7
2004	12	4	22.6	-5.2	13.6	-10.2	18.2	-7.7
2004	12	5	29.9	-1.2	21.4	-5.9	25.0	-3.9
2004	12	6	33.2	0.7	18.1	-7.7	25.8	-3.5
2004	12	7	43.2	6.2	32.6	0.3	35.8	2.1
2004	12	8	42.3	5.7	26.0	-3.3	34.4	1.3
2004	12	9	36.1	2.3	26.9	-2.8	29.5	-1.4
2004	12	10	37.4	3.0	35.9	2.2	36.7	2.6
2004	12	11	39.6	4.2	28.7	-1.8	34.9	1.6
2004	12	12	29.0	-1.7	22.6	-5.2	25.9	-3.4
2004	12	13	30.0	-1.1	18.2	-7.7	24.4	-4.2
2004	12	14	23.8	-4.6	7.0	-13.9	13.8	-10.1
2004	12	15	16.2	-8.8	3.2	-16.0	10.9	-11.7
2004	12	16	14.5	-9.7	7.6	-13.6	12.2	-11.0
2004	12	17	23.3	-4.8	11.7	-11.3	16.2	-8.8
2004	12	18	21.8	-5.7	13.2	-10.4	17.5	-8.1
2004	12	19	29.6	-1.3	-1.2	-18.4	19.7	-6.8
2004	12	20	-4.4	-20.2	-15.8	-26.6	-11.8	-24.3
2004	12	21	13.4	-10.3	-6.7	-21.5	3.4	-15.9
2004	12	22	26.7	-2.9	12.6	-10.8	19.6	-6.9

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 32 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2004	12	23	49.8	9.9	17.0	-8.3	37.6	3.1
2004	12	24	16.9	-8.4	6.7	-14.1	10.8	-11.8
2004	12	25	11.2	-11.6	1.5	-16.9	5.1	-15.0
2004	12	26	14.0	-10.0	5.6	-14.7	8.9	-12.8
2004	12	27	10.0	-12.2	-6.8	-21.6	0.7	-17.4
2004	12	28	10.1	-12.2	-3.4	-19.7	4.9	-15.0
2004	12	29	23.3	-4.8	9.3	-12.6	16.0	-8.9
2004	12	30	28.5	-1.9	24.1	-4.4	27.1	-2.7
2004	12	31	37.2	2.9	27.5	-2.5	32.7	0.4
2005	1	1	39.2	4.0	22.2	-5.4	32.3	0.2
2005	1	2	34.9	1.6	22.7	-5.2	25.9	-3.4
2005	1	3	39.4	4.1	35.0	1.7	37.0	2.8
2005	1	4	39.3	4.1	31.9	-0.1	35.9	2.1
2005	1	5	31.4	-0.3	24.0	-4.4	28.2	-2.1
2005	1	6	30.1	-1.1	24.8	-4.0	28.3	-2.1
2005	1	7	30.3	-0.9	17.5	-8.1	20.9	-6.2
2005	1	8	31.9	-0.1	23.3	-4.8	27.8	-2.3
2005	1	9	25.6	-3.6	20.8	-6.2	22.8	-5.1
2005	1	10	30.4	-0.9	24.2	-4.3	27.3	-2.6
2005	1	11	28.9	-1.7	24.1	-4.4	25.8	-3.4
2005	1	12	33.5	0.8	29.3	-1.5	31.7	-0.2
2005	1	13	52.4	11.3	33.2	0.7	42.7	6.0
2005	1	14	54.0	12.2	15.5	-9.2	31.9	-0.1
2005	1	15	15.1	-9.4	5.7	-14.6	9.3	-12.6
2005	1	16	17.9	-7.8	12.4	-10.9	14.7	-9.6
2005	1	17	14.4	-9.8	-4.6	-20.3	5.5	-14.7
2005	1	18	-1.4	-18.6	-15.1	-26.2	-9.7	-23.1
2005	1	19	12.8	-10.7	-7.8	-22.1	1.9	-16.8
2005	1	20	13.6	-10.2	0.2	-17.7	7.8	-13.4
2005	1	21	0.3	-17.6	-11.9	-24.4	-6.8	-21.6
2005	1	22	12.4	-10.9	-10.8	-23.8	-0.8	-18.2
2005	1	23	9.8	-12.3	-7.1	-21.7	-0.1	-17.8
2005	1	24	10.1	-12.2	-8.3	-22.4	-0.2	-17.9
2005	1	25	17.9	-7.8	7.0	-13.9	14.5	-9.7
2005	1	26	23.5	-4.7	2.5	-16.4	16.6	-8.5
2005	1	27	1.3	-17.1	-12.6	-24.8	-7.8	-22.1
2005	1	28	1.7	-16.8	-12.3	-24.6	-4.4	-20.2
2005	1	29	14.8	-9.6	-6.9	-21.6	0.6	-17.5
2005	1	30	18.3	-7.6	7.2	-13.8	14.2	-9.9
2005	1	31	14.4	-9.8	7.0	-13.9	12.1	-11.0
2005	2	1	13.6	-10.2	3.6	-15.8	9.9	-12.3
2005	2	2	16.1	-8.8	4.8	-15.1	11.4	-11.4
2005	2	3	17.6	-8.0	11.1	-11.6	13.4	-10.3
2005	2	4	25.6	-3.6	15.1	-9.4	21.0	-6.1
2005	2	5	22.6	-5.2	16.0	-8.9	20.4	-6.5
2005	2	6	24.6	-4.1	18.9	-7.3	22.0	-5.6

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 33 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2005	2	7	24.2	-4.3	19.8	-6.8	22.2	-5.5
2005	2	8	30.7	-0.7	23.1	-4.9	27.0	-2.8
2005	2	9	37.8	3.2	30.2	-1.0	33.8	1.0
2005	2	10	36.9	2.7	14.7	-9.6	24.1	-4.4
2005	2	11	14.3	-9.8	3.0	-16.1	7.0	-13.9
2005	2	12	26.1	-3.3	11.6	-11.3	19.9	-6.7
2005	2	13	16.9	-8.4	6.3	-14.3	10.8	-11.8
2005	2	14	39.2	4.0	9.1	-12.7	22.7	-5.2
2005	2	15	40.1	4.5	30.2	-1.0	33.4	0.8
2005	2	16	38.7	3.7	17.9	-7.8	29.3	-1.5
2005	2	17	23.1	-4.9	11.7	-11.3	16.9	-8.4
2005	2	18	11.4	-11.4	-1.2	-18.4	4.6	-15.2
2005	2	19	11.9	-11.2	-1.0	-18.3	4.4	-15.3
2005	2	20	24.3	-4.3	9.5	-12.5	14.3	-9.8
2005	2	21	29.3	-1.5	20.8	-6.2	25.4	-3.7
2005	2	22	28.2	-2.1	20.1	-6.6	24.8	-4.0
2005	2	23	28.5	-1.9	10.1	-12.2	16.7	-8.5
2005	2	24	18.2	-7.7	7.3	-13.7	12.1	-11.0
2005	2	25	16.5	-8.6	10.2	-12.1	14.1	-10.0
2005	2	26	21.7	-5.7	7.5	-13.6	12.8	-10.7
2005	2	27	12.5	-10.8	4.2	-15.4	7.4	-13.7
2005	2	28	23.4	-4.8	8.0	-13.3	15.4	-9.2
2005	3	1	26.4	-3.1	19.6	-6.9	21.6	-5.8
2005	3	2	22.6	-5.2	11.7	-11.3	16.0	-8.9
2005	3	3	10.9	-11.7	1.4	-17.0	4.1	-15.5
2005	3	4	12.1	-11.1	3.4	-15.9	7.6	-13.5
2005	3	5	14.2	-9.9	4.2	-15.4	9.8	-12.3
2005	3	6	26.5	-3.1	11.0	-11.7	18.3	-7.6
2005	3	7	32.5	0.3	23.8	-4.6	26.5	-3.1
2005	3	8	39.0	3.9	-5.4	-20.8	16.2	-8.8
2005	3	9	4.7	-15.2	-6.8	-21.6	0.4	-17.6
2005	3	10	9.8	-12.3	0.9	-17.3	5.0	-15.0
2005	3	11	28.5	-1.9	10.2	-12.1	20.8	-6.3
2005	3	12	28.2	-2.1	14.3	-9.8	20.7	-6.3
2005	3	13	21.7	-5.7	10.2	-12.1	16.3	-8.7
2005	3	14	16.6	-8.6	6.6	-14.1	10.0	-12.2
2005	3	15	13.9	-10.1	8.0	-13.3	10.3	-12.1
2005	3	16	16.0	-8.9	8.7	-12.9	12.4	-10.9
2005	3	17	20.9	-6.2	14.8	-9.6	16.7	-8.5
2005	3	18	23.6	-4.7	16.3	-8.7	19.3	-7.1
2005	3	19	22.9	-5.1	16.1	-8.8	19.4	-7.0
2005	3	20	36.8	2.7	24.2	-4.3	32.2	0.1
2005	3	21	34.4	1.3	23.9	-4.5	28.6	-1.9
2005	3	22	27.0	-2.8	22.0	-5.6	24.4	-4.2
2005	3	23	30.6	-0.8	21.6	-5.8	26.6	-3.0
2005	3	24	29.1	-1.6	26.3	-3.2	27.3	-2.6

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 34 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2005	3	25	30.8	-0.7	23.1	-4.9	27.7	-2.4
2005	3	26	27.8	-2.3	20.9	-6.2	24.0	-4.4
2005	3	27	35.3	1.8	26.1	-3.3	30.4	-0.9
2005	3	28	40.2	4.6	30.3	-0.9	34.9	1.6
2005	3	29	40.6	4.8	32.3	0.2	35.2	1.8
2005	3	30	33.5	0.8	25.8	-3.4	29.9	-1.2
2005	3	31	34.9	1.6	28.6	-1.9	31.1	-0.5
2005	4	1	38.6	3.7	32.5	0.3	35.9	2.1
2005	4	2	49.1	9.5	37.3	2.9	42.3	5.7
2005	4	3	44.9	7.2	27.7	-2.4	32.6	0.3
2005	4	4	29.0	-1.7	10.6	-11.9	21.6	-5.8
2005	4	5	29.0	-1.7	19.9	-6.7	24.3	-4.3
2005	4	6	40.9	4.9	29.3	-1.5	34.8	1.6
2005	4	7	51.0	10.6	38.9	3.8	43.4	6.3
2005	4	8	50.7	10.4	24.5	-4.2	32.9	0.5
2005	4	9	29.0	-1.7	11.3	-11.5	22.5	-5.3
2005	4	10	29.8	-1.2	18.0	-7.8	26.2	-3.2
2005	4	11	24.6	-4.1	9.7	-12.4	16.6	-8.6
2005	4	12	20.1	-6.6	8.5	-13.1	14.2	-9.9
2005	4	13	23.0	-5.0	16.9	-8.4	20.0	-6.7
2005	4	14	27.1	-2.7	21.8	-5.7	24.2	-4.3
2005	4	15	30.2	-1.0	5.8	-14.6	17.4	-8.1
2005	4	16	24.3	-4.3	10.5	-11.9	17.3	-8.2
2005	4	17	26.8	-2.9	18.9	-7.3	23.5	-4.8
2005	4	18	36.1	2.3	26.9	-2.8	32.3	0.2
2005	4	19	41.8	5.4	31.1	-0.5	35.6	2.0
2005	4	20	48.8	9.3	41.5	5.3	43.7	6.5
2005	4	21	49.9	9.9	19.9	-6.7	28.0	-2.2
2005	4	22	35.2	1.8	25.0	-3.9	29.9	-1.2
2005	4	23	49.1	9.5	36.0	2.2	43.9	6.6
2005	4	24	43.9	6.6	26.1	-3.3	30.4	-0.9
2005	4	25	30.3	-0.9	25.3	-3.7	28.2	-2.1
2005	4	26	35.8	2.1	28.4	-2.0	31.8	-0.1
2005	4	27	45.2	7.3	28.4	-2.0	38.4	3.6
2005	4	28	32.7	0.4	24.2	-4.3	29.0	-1.7
2005	4	29	36.1	2.3	24.2	-4.3	30.1	-1.1
2005	4	30	49.2	9.6	35.5	1.9	43.0	6.1
2005	5	1	48.4	9.1	24.7	-4.1	33.4	0.8
2005	5	2	35.0	1.7	27.5	-2.5	30.3	-1.0
2005	5	3	30.0	-1.1	20.4	-6.4	26.5	-3.1
2005	5	7	33.0	0.6	26.0	-3.3	29.8	-1.2
2005	5	8	33.5	0.8	24.9	-3.9	29.4	-1.4
2005	5	9	43.6	6.4	33.9	1.1	37.9	3.3
2005	5	10	47.1	8.4	40.9	4.9	44.0	6.6
2005	5	11	53.8	12.1	44.2	6.8	48.9	9.4
2005	5	12	50.8	10.4	20.8	-6.2	33.1	0.6

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 35 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2005	5	13	36.3	2.4	22.1	-5.5	27.3	-2.6
2005	5	14	56.8	13.8	37.3	2.9	47.1	8.4
2005	5	15	56.4	13.6	38.9	3.8	48.6	9.2
2005	5	16	42.3	5.7	32.3	0.2	35.8	2.1
2005	5	17	37.8	3.2	31.0	-0.6	34.2	1.2
2005	5	18	37.2	2.9	28.1	-2.2	32.6	0.3
2005	5	19	39.4	4.1	27.4	-2.6	32.9	0.5
2005	5	20	42.7	5.9	36.5	2.5	40.2	4.5
2005	5	21	44.3	6.8	33.4	0.8	39.8	4.3
2005	5	22	44.2	6.8	35.3	1.8	39.6	4.2
2005	5	23	43.8	6.6	37.5	3.1	39.4	4.1
2005	5	24	43.8	6.6	39.1	3.9	41.9	5.5
2005	5	25	42.5	5.8	39.6	4.2	41.2	5.1
2005	5	26	44.6	7.0	37.6	3.1	41.9	5.5
2005	5	27	49.3	9.6	40.6	4.8	44.1	6.7
2005	5	28	50.7	10.4	42.8	6.0	46.7	8.2
2005	5	29	48.5	9.2	44.0	6.7	45.8	7.7
2005	5	30	48.6	9.2	39.8	4.3	44.6	7.0
2005	5	31	52.6	11.4	43.1	6.2	46.7	8.2
2005	6	1	51.1	10.6	44.0	6.7	48.4	9.1
2005	6	2	50.0	10.0	45.1	7.3	47.2	8.4
2005	6	3	55.2	12.9	48.8	9.3	52.0	11.1
2005	6	4	58.4	14.7	54.0	12.2	56.1	13.4
2005	6	5	63.9	17.7	54.5	12.5	58.5	14.7
2005	6	6	64.4	18.0	56.9	13.8	60.2	15.7
2005	6	7	61.3	16.3	55.7	13.2	58.2	14.6
2005	6	8	61.9	16.6	55.7	13.2	58.7	14.8
2005	6	9	64.6	18.1	59.0	15.0	61.9	16.6
2005	6	10	66.9	19.4	62.6	17.0	64.7	18.2
2005	6	11	69.1	20.6	65.3	18.5	66.9	19.4
2005	6	12	67.5	19.7	58.7	14.8	63.6	17.5
2005	6	13	67.3	19.6	59.5	15.3	63.5	17.5
2005	6	14	66.5	19.2	61.6	16.4	63.7	17.6
2005	6	15	65.6	18.7	53.5	11.9	57.8	14.3
2005	6	16	58.8	14.9	50.9	10.5	56.1	13.4
2005	6	17	51.0	10.6	44.3	6.8	46.8	8.2
2005	6	18	50.8	10.4	47.5	8.6	49.1	9.5
2005	6	19	53.1	11.7	47.5	8.6	49.7	9.8
2005	6	20	53.6	12.0	48.1	8.9	50.5	10.3
2005	6	21	53.8	12.1	48.4	9.1	50.8	10.5
2005	6	22	55.7	13.2	38.4	3.6	50.3	10.2
2005	6	23	48.4	9.1	39.4	4.1	42.8	6.0
2005	6	24	56.5	13.6	44.0	6.7	51.4	10.8
2005	6	25	60.5	15.8	54.1	12.3	57.0	13.9
2005	6	26	65.9	18.8	57.8	14.3	61.4	16.3
2005	6	27	64.6	18.1	57.2	14.0	61.3	16.3

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 36 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2005	6	28	63.9	17.7	57.9	14.4	62.4	16.9
2005	6	29	63.9	17.7	60.5	15.8	62.7	17.0
2005	6	30	63.4	17.4	60.0	15.6	61.8	16.5
2005	7	1	62.7	17.1	58.1	14.5	60.5	15.8
2005	7	2	61.5	16.4	46.0	7.8	50.9	10.5
2005	7	3	50.3	10.2	45.7	7.6	48.2	9.0
2005	7	4	58.2	14.6	47.1	8.4	53.6	12.0
2005	7	5	64.1	17.8	56.2	13.4	60.8	16.0
2005	7	6	61.6	16.4	58.5	14.7	60.2	15.7
2005	7	7	60.5	15.8	57.8	14.3	58.9	15.0
2005	7	8	57.4	14.1	55.1	12.8	56.0	13.3
2005	7	9	56.9	13.8	51.9	11.1	54.1	12.3
2005	7	10	56.2	13.4	46.8	8.2	52.9	11.6
2005	7	11	66.4	19.1	49.3	9.6	57.0	13.9
2005	7	12	65.6	18.7	59.0	15.0	62.7	17.1
2005	7	13	65.0	18.3	59.5	15.3	62.1	16.7
2005	7	14	64.0	17.8	59.8	15.4	61.6	16.4
2005	7	15	64.1	17.8	60.2	15.7	62.5	17.0
2005	7	16	66.3	19.1	63.0	17.2	64.6	18.1
2005	7	17	69.1	20.6	64.4	18.0	66.2	19.0
2005	7	18	66.7	19.3	65.5	18.6	66.0	18.9
2005	7	19	66.5	19.2	61.0	16.1	64.2	17.9
2005	7	20	61.7	16.5	54.1	12.3	58.4	14.6
2005	7	21	60.6	15.9	54.3	12.4	56.9	13.8
2005	7	22	64.5	18.1	58.0	14.4	61.3	16.3
2005	7	23	60.6	15.9	43.4	6.3	50.9	10.5
2005	7	24	53.8	12.1	47.0	8.3	49.6	9.8
2005	7	25	65.5	18.6	56.0	13.3	61.1	16.1
2005	7	26	66.8	19.3	55.5	13.1	61.1	16.1
2005	7	27	69.4	20.8	52.3	11.3	61.4	16.4
2005	7	28	52.6	11.4	46.6	8.1	49.7	9.8
2005	7	29	58.6	14.8	48.8	9.3	53.6	12.0
2005	7	30	56.2	13.4	49.2	9.6	52.8	11.6
2005	7	31	60.2	15.7	54.1	12.3	56.1	13.4
2005	8	1	61.9	16.6	56.3	13.5	59.0	15.0
2005	8	2	66.3	19.1	56.2	13.4	61.1	16.2
2005	8	3	64.2	17.9	59.1	15.1	61.5	16.4
2005	8	4	62.9	17.2	53.2	11.8	59.9	15.5
2005	8	5	64.6	18.1	58.5	14.7	61.8	16.6
2005	8	6	59.8	15.4	47.9	8.8	53.3	11.8
2005	8	7	62.0	16.7	54.5	12.5	58.2	14.6
2005	8	8	64.9	18.3	59.0	15.0	61.5	16.4
2005	8	9	60.4	15.8	57.8	14.3	58.8	14.9
2005	8	10	61.0	16.1	56.4	13.6	58.8	14.9
2005	8	11	61.7	16.5	57.2	14.0	60.0	15.5
2005	8	12	64.9	18.3	55.5	13.1	59.9	15.5

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 37 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2005	8	13	65.8	18.8	59.5	15.3	62.3	16.8
2005	8	14	65.2	18.4	61.0	16.1	62.5	17.0
2005	8	15	58.6	14.8	53.2	11.8	54.9	12.7
2005	8	16	59.8	15.4	57.9	14.4	58.8	14.9
2005	8	17	57.8	14.3	49.0	9.4	53.4	11.9
2005	8	18	54.7	12.6	47.6	8.7	50.5	10.3
2005	8	19	59.0	15.0	54.6	12.6	56.6	13.7
2005	8	20	62.6	17.0	55.2	12.9	59.4	15.2
2005	8	21	63.7	17.6	47.3	8.5	57.4	14.1
2005	8	22	53.1	11.7	44.6	7.0	48.9	9.4
2005	8	23	49.3	9.6	44.6	7.0	46.9	8.3
2005	8	24	48.6	9.2	40.4	4.7	45.1	7.3
2005	8	25	48.1	8.9	42.3	5.7	44.7	7.1
2005	8	26	51.7	10.9	46.6	8.1	48.9	9.4
2005	8	27	56.8	13.8	47.7	8.7	51.9	11.0
2005	8	28	60.6	15.9	56.3	13.5	58.5	14.7
2005	8	29	63.2	17.3	54.7	12.6	59.6	15.4
2005	8	30	66.0	18.9	59.2	15.1	63.0	17.2
2005	8	31	65.1	18.4	56.4	13.6	62.5	16.9
2005	9	1	56.4	13.6	49.0	9.4	53.1	11.7
2005	9	2	55.9	13.3	43.8	6.6	49.9	10.0
2005	9	3	48.3	9.1	44.2	6.8	46.5	8.1
2005	9	4	50.7	10.4	44.7	7.1	47.2	8.4
2005	9	5	49.7	9.8	44.2	6.8	47.1	8.4
2005	9	6	51.2	10.7	44.9	7.2	47.6	8.7
2005	9	7	51.0	10.6	45.1	7.3	48.4	9.1
2005	9	8	49.8	9.9	44.9	7.2	47.4	8.5
2005	9	9	52.1	11.2	44.0	6.7	47.6	8.7
2005	9	10	47.3	8.5	35.2	1.8	42.4	5.8
2005	9	11	44.8	7.1	37.4	3.0	41.3	5.2
2005	9	12	54.2	12.3	40.1	4.5	47.1	8.4
2005	9	13	56.0	13.3	48.6	9.2	51.3	10.7
2005	9	14	61.0	16.1	47.4	8.6	55.0	12.8
2005	9	15	61.5	16.4	55.8	13.2	58.9	15.0
2005	9	16	62.1	16.7	56.6	13.7	59.3	15.2
2005	9	17	59.5	15.3	51.9	11.1	56.5	13.6
2005	9	18	52.9	11.6	48.1	8.9	49.7	9.8
2005	9	19	51.9	11.1	44.6	7.0	47.5	8.6
2005	9	20	57.2	14.0	47.3	8.5	53.6	12.0
2005	9	21	51.1	10.6	44.0	6.7	46.8	8.2
2005	9	22	55.9	13.3	42.3	5.7	48.9	9.4
2005	9	23	56.0	13.3	40.7	4.8	52.7	11.5
2005	9	24	43.6	6.4	36.0	2.2	39.8	4.3
2005	9	25	53.3	11.8	40.5	4.7	48.3	9.1
2005	9	26	59.6	15.3	53.7	12.1	56.7	13.7
2005	9	27	57.0	13.9	34.3	1.3	40.8	4.9

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 38 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2005	9	28	46.8	8.2	33.8	1.0	40.4	4.7
2005	9	29	51.2	10.7	28.8	-1.8	42.2	5.7
2005	9	30	37.8	3.2	31.3	-0.4	34.6	1.5
2005	10	1	44.1	6.7	33.4	0.8	39.4	4.1
2005	10	2	47.9	8.8	39.3	4.1	44.2	6.8
2005	10	3	49.0	9.4	41.5	5.3	44.9	7.2
2005	10	4	52.5	11.4	41.7	5.4	47.6	8.7
2005	10	5	54.7	12.6	48.0	8.9	50.8	10.5
2005	10	6	57.7	14.3	46.1	7.8	52.4	11.3
2005	10	7	59.4	15.2	56.5	13.6	58.1	14.5
2005	10	8	58.8	14.9	39.5	4.2	46.5	8.1
2005	10	9	42.8	6.0	38.8	3.8	40.5	4.7
2005	10	10	49.5	9.7	42.5	5.8	45.4	7.4
2005	10	11	49.6	9.8	46.6	8.1	47.9	8.8
2005	10	12	49.5	9.7	40.7	4.8	44.9	7.2
2005	10	13	48.7	9.3	40.8	4.9	45.4	7.4
2005	10	14	51.9	11.1	47.5	8.6	49.5	9.7
2005	10	15	48.7	9.3	29.6	-1.3	41.3	5.2
2005	10	16	36.5	2.5	31.8	-0.1	34.5	1.4
2005	10	17	36.0	2.2	32.3	0.2	34.0	1.1
2005	10	18	41.7	5.4	29.0	-1.7	36.5	2.5
2005	10	19	41.8	5.4	31.0	-0.6	36.5	2.5
2005	10	20	35.9	2.2	26.0	-3.3	29.6	-1.3
2005	10	21	34.9	1.6	31.0	-0.6	33.6	0.9
2005	10	22	37.5	3.1	31.7	-0.2	35.4	1.9
2005	10	23	35.7	2.1	29.7	-1.3	32.0	0.0
2005	10	28	29.2	-1.6	22.0	-5.6	26.1	-3.3
2005	10	29	30.2	-1.0	23.2	-4.9	27.5	-2.5
2005	10	30	34.4	1.3	28.4	-2.0	31.5	-0.3
2005	10	31	32.5	0.3	25.2	-3.8	29.5	-1.4
2005	11	1	40.2	4.6	27.8	-2.3	33.5	0.8
2005	11	2	39.7	4.3	25.5	-3.6	31.2	-0.4
2005	11	3	34.5	1.4	24.2	-4.3	30.2	-1.0
2005	11	4	37.6	3.1	28.9	-1.7	33.6	0.9
2005	11	5	45.3	7.4	34.6	1.4	39.7	4.3
2005	11	6	46.6	8.1	36.1	2.3	42.0	5.5
2005	11	7	34.8	1.6	26.0	-3.3	29.3	-1.5
2005	11	8	35.6	2.0	24.2	-4.3	29.6	-1.4
2005	11	9	45.6	7.6	26.1	-3.3	33.8	1.0
2005	11	10	44.5	6.9	16.2	-8.8	25.0	-3.9
2005	11	11	20.0	-6.7	16.0	-8.9	18.0	-7.8
2005	11	12	26.3	-3.2	17.1	-8.3	21.3	-5.9
2005	11	13	32.8	0.4	22.6	-5.2	27.1	-2.7
2005	11	14	33.6	0.9	21.2	-6.0	26.9	-2.8
2005	11	15	49.2	9.6	22.8	-5.1	36.1	2.3
2005	11	16	50.7	10.4	23.0	-5.0	43.1	6.1

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 39 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2005	11	17	20.4	-6.4	8.9	-12.8	12.7	-10.7
2005	11	18	14.4	-9.8	10.7	-11.8	12.1	-11.1
2005	11	19	16.8	-8.4	12.4	-10.9	14.1	-9.9
2005	11	20	21.8	-5.7	14.6	-9.7	17.8	-7.9
2005	11	21	24.4	-4.2	17.2	-8.2	20.7	-6.3
2005	11	22	27.9	-2.3	7.5	-13.6	21.8	-5.7
2005	11	23	9.9	-12.3	3.1	-16.1	6.1	-14.4
2005	11	24	23.0	-5.0	-5.6	-20.9	13.6	-10.2
2005	11	25	6.5	-14.2	-5.6	-20.9	1.3	-17.0
2005	11	26	14.6	-9.7	4.7	-15.2	8.4	-13.1
2005	11	27	24.2	-4.3	14.6	-9.7	18.6	-7.4
2005	11	28	44.7	7.1	27.1	-2.7	38.6	3.7
2005	11	29	48.1	8.9	38.2	3.4	44.7	7.0
2005	11	30	37.7	3.2	19.2	-7.1	27.7	-2.4
2005	12	1	18.7	-7.4	15.5	-9.2	17.4	-8.1
2005	12	2	20.6	-6.3	11.8	-11.2	15.7	-9.1
2005	12	3	10.7	-11.8	5.7	-14.6	7.8	-13.4
2005	12	4	17.3	-8.2	8.9	-12.8	14.5	-9.7
2005	12	5	14.9	-9.5	8.4	-13.1	10.7	-11.8
2005	12	6	12.3	-10.9	3.1	-16.1	9.0	-12.8
2005	12	7	6.2	-14.3	1.0	-17.2	3.6	-15.8
2005	12	8	6.7	-14.1	0.3	-17.6	4.0	-15.6
2005	12	9	14.8	-9.6	5.0	-15.0	11.4	-11.4
2005	12	10	11.5	-11.4	7.4	-13.7	9.4	-12.5
2005	12	11	18.3	-7.6	-1.2	-18.4	9.3	-12.6
2005	12	12	18.3	-7.6	-0.6	-18.1	11.1	-11.6
2005	12	13	0.7	-17.4	-8.6	-22.6	-2.6	-19.2
2005	12	14	-0.8	-18.2	-15.3	-26.3	-6.3	-21.3
2005	12	15	22.5	-5.3	-4.6	-20.3	5.4	-14.8
2005	12	16	29.7	-1.3	18.0	-7.8	22.5	-5.3
2005	12	17	17.3	-8.2	10.6	-11.9	12.4	-10.9
2005	12	18	13.8	-10.1	6.7	-14.1	10.6	-11.9
2005	12	19	12.1	-11.1	1.2	-17.1	7.4	-13.7
2005	12	20	2.2	-16.6	-2.7	-19.3	-0.9	-18.3
2005	12	21	11.0	-11.7	2.6	-16.3	6.6	-14.1
2005	12	22	14.3	-9.8	7.9	-13.4	11.5	-11.4
2005	12	23	17.2	-8.2	12.8	-10.7	15.4	-9.3
2005	12	24	21.7	-5.7	13.6	-10.2	17.3	-8.2
2005	12	25	28.2	-2.1	15.0	-9.4	20.9	-6.2
2005	12	26	26.0	-3.3	18.7	-7.4	23.7	-4.6
2005	12	27	20.1	-6.6	17.3	-8.2	18.7	-7.4
2005	12	28	25.8	-3.4	16.2	-8.8	20.2	-6.5
2005	12	29	32.0	0.0	25.3	-3.7	29.4	-1.4
2005	12	30	27.3	-2.6	15.6	-9.1	20.2	-6.5
2005	12	31	21.6	-5.8	14.3	-9.8	17.9	-7.8
2006	1	1	24.6	-4.1	21.7	-5.7	23.0	-5.0

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 40 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2006	1	2	25.4	-3.7	21.1	-6.1	23.1	-4.9
2006	1	3	26.1	-3.3	22.4	-5.3	24.3	-4.3
2006	1	4	24.4	-4.2	18.7	-7.4	21.6	-5.8
2006	1	5	28.9	-1.7	23.6	-4.7	25.3	-3.7
2006	1	6	23.5	-4.7	2.6	-16.3	14.7	-9.6
2006	1	7	13.6	-10.2	3.0	-16.1	8.4	-13.1
2006	1	8	19.4	-7.0	12.0	-11.1	16.4	-8.7
2006	1	9	29.1	-1.6	18.1	-7.7	22.7	-5.2
2006	1	10	21.8	-5.7	17.1	-8.3	19.9	-6.7
2006	1	11	35.7	2.1	18.1	-7.7	28.5	-2.0
2006	1	12	32.2	0.1	23.0	-5.0	26.6	-3.0
2006	1	13	39.4	4.1	19.6	-6.9	27.1	-2.7
2006	1	14	44.0	6.7	12.1	-11.1	32.0	0.0
2006	1	15	9.8	-12.3	-5.9	-21.1	-1.1	-18.4
2006	1	16	4.0	-15.6	-5.2	-20.7	-1.6	-18.7
2006	1	17	24.9	-3.9	2.7	-16.3	9.1	-12.7
2006	1	18	45.9	7.7	11.4	-11.4	27.3	-2.6
2006	1	19	16.2	-8.8	9.9	-12.3	12.9	-10.6
2006	1	20	28.6	-1.9	16.3	-8.7	22.0	-5.5
2006	1	21	33.0	0.6	12.2	-11.0	24.5	-4.2
2006	1	22	13.2	-10.4	9.2	-12.7	11.6	-11.3
2006	1	23	24.3	-4.3	11.0	-11.7	21.3	-5.9
2006	1	24	22.1	-5.5	14.7	-9.6	18.6	-7.5
2006	1	25	22.0	-5.6	10.1	-12.2	18.2	-7.7
2006	1	26	10.3	-12.1	1.5	-16.9	4.7	-15.2
2006	1	27	11.4	-11.4	0.4	-17.6	6.4	-14.2
2006	1	28	23.1	-4.9	10.5	-11.9	16.2	-8.8
2006	1	29	32.7	0.4	17.6	-8.0	23.3	-4.9
2006	1	30	33.9	1.1	20.1	-6.6	26.9	-2.8
2006	1	31	32.4	0.2	15.9	-8.9	26.4	-3.1
2006	2	1	17.0	-8.3	13.6	-10.2	15.6	-9.1
2006	2	2	26.1	-3.3	17.2	-8.2	21.0	-6.1
2006	2	3	37.1	2.8	24.5	-4.2	30.6	-0.8
2006	2	4	38.0	3.3	21.2	-6.0	27.6	-2.4
2006	2	5	32.9	0.5	12.0	-11.1	19.7	-6.8
2006	2	6	13.3	-10.4	6.8	-14.0	10.2	-12.1
2006	2	7	13.2	-10.4	7.2	-13.8	10.3	-12.1
2006	2	8	12.2	-11.0	5.3	-14.8	8.2	-13.2
2006	2	9	8.2	-13.2	0.6	-17.4	4.0	-15.6
2006	2	10	13.9	-10.1	7.0	-13.9	9.7	-12.4
2006	2	11	16.5	-8.6	10.6	-11.9	12.5	-10.8
2006	2	12	15.8	-9.0	2.7	-16.3	9.9	-12.3
2006	2	13	11.8	-11.2	-1.1	-18.4	6.0	-14.5
2006	2	14	17.5	-8.1	8.4	-13.1	12.8	-10.7
2006	2	15	22.5	-5.3	13.2	-10.4	17.6	-8.0
2006	2	16	30.1	-1.1	17.1	-8.3	23.1	-5.0

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 41 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2006	2	17	34.8	1.6	3.6	-15.8	19.9	-6.7
2006	2	18	7.7	-13.5	-14.1	-25.6	-1.1	-18.4
2006	2	19	-3.5	-19.7	-12.7	-24.8	-6.9	-21.6
2006	2	20	2.8	-16.2	-4.5	-20.3	-0.5	-18.0
2006	2	21	11.2	-11.6	3.2	-16.0	7.6	-13.5
2006	2	22	19.2	-7.1	7.5	-13.6	13.4	-10.4
2006	2	23	24.5	-4.2	12.2	-11.0	18.9	-7.3
2006	2	24	21.8	-5.7	-4.3	-20.2	4.4	-15.4
2006	2	25	18.3	-7.6	-3.3	-19.6	5.5	-14.7
2006	2	26	4.1	-15.5	-10.9	-23.8	-3.2	-19.5
2006	2	27	8.3	-13.2	-9.3	-22.9	-0.7	-18.2
2006	2	28	9.3	-12.6	-2.7	-19.3	1.1	-17.2
2006	3	1	6.7	-14.1	-3.0	-19.4	3.5	-15.8
2006	3	2	19.1	-7.2	4.9	-15.1	12.2	-11.0
2006	3	3	8.9	-12.8	-0.9	-18.3	4.4	-15.3
2006	3	4	13.4	-10.3	3.2	-16.0	8.1	-13.3
2006	3	5	9.4	-12.6	-0.7	-18.2	5.8	-14.6
2006	3	6	10.7	-11.8	-0.2	-17.9	6.5	-14.2
2006	3	7	9.3	-12.6	4.3	-15.4	6.5	-14.2
2006	3	8	15.8	-9.0	7.1	-13.8	10.4	-12.0
2006	3	9	28.6	-1.9	16.5	-8.6	23.6	-4.7
2006	3	10	39.7	4.3	27.4	-2.6	34.5	1.4
2006	3	11	32.3	0.2	24.2	-4.3	26.9	-2.8
2006	3	12	39.5	4.2	26.2	-3.2	34.6	1.5
2006	3	13	47.1	8.4	36.8	2.7	42.1	5.6
2006	3	14	43.9	6.6	13.9	-10.1	24.3	-4.3
2006	3	15	15.6	-9.1	5.0	-15.0	9.1	-12.7
2006	3	16	11.8	-11.2	6.4	-14.2	9.1	-12.7
2006	3	17	12.4	-10.9	-0.6	-18.1	6.4	-14.2
2006	3	18	3.7	-15.7	-0.7	-18.2	1.9	-16.8
2006	3	19	11.2	-11.6	3.8	-15.7	7.7	-13.5
2006	3	20	11.7	-11.3	3.2	-16.0	7.7	-13.5
2006	3	21	7.1	-13.8	0.2	-17.7	4.0	-15.5
2006	3	22	13.3	-10.4	5.5	-14.7	9.8	-12.4
2006	3	23	15.2	-9.3	11.6	-11.3	13.0	-10.5
2006	3	24	22.8	-5.1	10.9	-11.7	16.4	-8.7
2006	3	25	23.7	-4.6	19.4	-7.0	20.8	-6.2
2006	3	26	22.7	-5.2	17.7	-7.9	20.6	-6.4
2006	3	27	16.0	-8.9	12.4	-10.9	14.2	-9.9
2006	3	28	20.5	-6.4	14.5	-9.7	17.5	-8.1
2006	3	29	23.1	-4.9	17.8	-7.9	20.4	-6.5
2006	3	30	26.7	-2.9	16.9	-8.4	22.5	-5.3
2006	3	31	37.5	3.1	21.7	-5.7	29.8	-1.2
2006	4	1	43.0	6.1	30.5	-0.8	36.7	2.6
2006	4	2	30.9	-0.6	16.2	-8.8	21.6	-5.8
2006	4	3	31.6	-0.2	16.5	-8.6	23.8	-4.6

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 42 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2006	4	4	31.9	-0.1	12.3	-10.9	18.1	-7.7
2006	4	5	22.0	-5.6	9.1	-12.7	15.6	-9.1
2006	4	6	22.4	-5.3	17.6	-8.0	20.3	-6.5
2006	4	7	40.1	4.5	19.1	-7.2	29.3	-1.5
2006	4	8	38.9	3.8	3.3	-15.9	17.5	-8.1
2006	4	9	16.8	-8.4	3.4	-15.9	12.3	-11.0
2006	4	10	21.4	-5.9	14.8	-9.6	18.0	-7.8
2006	4	11	29.5	-1.4	17.9	-7.8	25.0	-3.9
2006	4	12	35.0	1.7	24.9	-3.9	30.3	-1.0
2006	4	13	39.7	4.3	33.0	0.6	35.9	2.2
2006	4	14	41.0	5.0	30.3	-0.9	36.3	2.4
2006	4	15	45.2	7.3	24.1	-4.4	34.4	1.4
2006	4	16	30.1	-1.1	20.6	-6.3	25.2	-3.8
2006	4	17	25.9	-3.4	19.0	-7.2	22.8	-5.1
2006	4	18	31.8	-0.1	23.7	-4.6	28.1	-2.2
2006	4	19	32.2	0.1	26.2	-3.2	28.7	-1.8
2006	4	20	32.2	0.1	20.9	-6.2	25.9	-3.4
2006	4	21	33.9	1.1	24.3	-4.3	28.9	-1.7
2006	4	22	29.9	-1.2	24.2	-4.3	27.8	-2.3
2006	4	23	38.3	3.5	28.3	-2.1	33.4	0.8
2006	4	24	37.8	3.2	29.1	-1.6	33.0	0.6
2006	4	25	36.5	2.5	23.2	-4.9	31.0	-0.5
2006	4	26	21.1	-6.1	16.1	-8.8	18.0	-7.8
2006	4	27	28.3	-2.1	16.6	-8.6	23.3	-4.8
2006	4	28	19.7	-6.8	14.8	-9.6	17.1	-8.3
2006	4	29	21.1	-6.1	10.3	-12.1	16.9	-8.4
2006	4	30	25.7	-3.5	18.0	-7.8	21.1	-6.1
2006	5	1	25.6	-3.6	19.6	-6.9	21.8	-5.7
2006	5	2	31.4	-0.3	20.9	-6.2	25.2	-3.8
2006	5	3	33.8	1.0	26.9	-2.8	29.4	-1.5
2006	5	4	37.4	3.0	28.0	-2.2	33.4	0.8
2006	5	5	38.6	3.7	30.4	-0.9	33.8	1.0
2006	5	6	35.0	1.7	22.7	-5.2	30.1	-1.1
2006	5	7	26.7	-2.9	13.4	-10.3	20.4	-6.4
2006	5	8	30.1	-1.1	22.0	-5.6	25.7	-3.5
2006	5	9	30.4	-0.9	25.2	-3.8	27.9	-2.3
2006	5	10	40.3	4.6	28.2	-2.1	35.1	1.7
2006	5	11	42.8	6.0	38.1	3.4	39.4	4.1
2006	5	12	43.2	6.2	34.2	1.2	37.3	2.9
2006	5	13	41.2	5.1	33.0	0.6	37.2	2.9
2006	5	14	39.7	4.3	35.0	1.7	37.3	3.0
2006	5	15	38.5	3.6	32.0	0.0	35.6	2.0
2006	5	16	37.1	2.8	33.7	0.9	34.9	1.6
2006	5	17	39.1	3.9	35.0	1.7	36.9	2.7
2006	5	18	41.0	5.0	31.9	-0.1	36.8	2.6
2006	5	19	34.2	1.2	30.7	-0.7	32.6	0.3

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}

(Page 43 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2006	5	20	34.6	1.4	24.0	-4.4	30.7	-0.7
2006	5	21	33.0	0.6	23.0	-5.0	26.5	-3.1
2006	5	22	27.4	-2.6	19.6	-6.9	24.0	-4.5
2006	5	26	67.5	19.7	48.3	9.1	55.4	13.0
2006	5	27	61.4	16.3	54.8	12.7	57.9	14.4
2006	5	28	55.7	13.2	43.9	6.6	52.1	11.2
2006	5	29	68.4	20.2	50.8	10.4	58.5	14.7
2006	5	30	65.3	18.5	57.9	14.4	61.3	16.3
2006	5	31	62.9	17.2	58.4	14.7	60.6	15.9
2006	6	1	64.1	17.8	60.8	16.0	62.4	16.9
2006	6	2	62.3	16.8	53.5	11.9	58.7	14.9
2006	6	3	56.9	13.8	48.4	9.1	51.7	10.9
2006	6	4	52.5	11.4	48.4	9.1	50.5	10.3
2006	6	5	51.6	10.9	44.8	7.1	47.9	8.8
2006	6	6	50.8	10.4	45.7	7.6	48.5	9.2
2006	6	7	55.9	13.3	48.8	9.3	51.7	10.9
2006	6	8	57.2	14.0	49.2	9.6	52.1	11.2
2006	6	9	52.2	11.2	45.5	7.5	49.6	9.8
2006	6	10	43.8	6.6	30.3	-0.9	37.8	3.2
2006	6	11	44.7	7.1	31.1	-0.5	37.9	3.3
2006	6	12	47.3	8.5	41.7	5.4	45.3	7.4
2006	6	13	53.2	11.8	45.2	7.3	49.0	9.5
2006	6	14	54.4	12.4	50.7	10.4	52.2	11.2
2006	6	15	50.5	10.3	36.1	2.3	43.4	6.3
2006	6	16	48.7	9.3	40.6	4.8	44.0	6.7
2006	6	17	54.2	12.3	45.5	7.5	49.8	9.9
2006	6	18	60.5	15.8	51.5	10.8	56.6	13.7
2006	6	19	62.0	16.7	57.4	14.1	59.8	15.4
2006	6	20	59.8	15.4	52.3	11.3	55.9	13.3
2006	6	21	55.1	12.8	47.3	8.5	50.9	10.5
2006	6	22	64.6	18.1	51.9	11.1	58.2	14.6
2006	6	23	60.3	15.7	57.1	13.9	58.7	14.9
2006	6	24	60.5	15.8	57.6	14.2	58.9	15.0
2006	6	25	61.8	16.6	57.3	14.1	59.2	15.1
2006	6	26	64.8	18.2	58.8	14.9	61.2	16.2
2006	6	27	64.1	17.8	59.0	15.0	61.9	16.6
2006	6	28	61.6	16.4	58.3	14.6	59.6	15.4
2006	6	29	58.5	14.7	48.8	9.3	54.0	12.2
2006	6	30	51.5	10.8	48.2	9.0	50.0	10.0
2006	7	1	54.1	12.3	46.2	7.9	50.5	10.3
2006	7	2	60.7	15.9	51.8	11.0	57.2	14.0
2006	7	3	61.7	16.5	57.1	13.9	59.3	15.1
2006	7	4	62.2	16.8	58.6	14.8	59.9	15.5
2006	7	5	59.8	15.4	50.0	10.0	57.2	14.0
2006	7	6	52.4	11.3	42.8	6.0	46.5	8.0
2006	7	7	53.4	11.9	44.3	6.8	48.7	9.3

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 44 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2006	7	8	56.3	13.5	48.1	8.9	51.3	10.7
2006	7	9	54.0	12.2	47.2	8.4	52.1	11.2
2006	7	10	57.6	14.2	49.0	9.4	53.7	12.1
2006	7	11	63.5	17.5	58.5	14.7	60.8	16.0
2006	7	12	65.7	18.7	60.9	16.1	62.6	17.0
2006	7	13	62.1	16.7	55.7	13.2	58.9	14.9
2006	7	14	60.9	16.1	53.9	12.2	57.6	14.2
2006	7	15	64.4	18.0	57.5	14.2	61.3	16.3
2006	7	16	64.4	18.0	56.8	13.8	60.4	15.8
2006	7	17	66.5	19.2	58.1	14.5	62.2	16.8
2006	7	18	64.2	17.9	59.0	15.0	62.0	16.6
2006	7	19	61.4	16.3	57.0	13.9	58.8	14.9
2006	7	20	61.0	16.1	54.9	12.7	57.8	14.3
2006	7	21	63.7	17.6	58.9	14.9	61.5	16.4
2006	7	22	62.7	17.1	55.0	12.8	60.0	15.6
2006	7	23	55.2	12.9	47.6	8.7	51.0	10.6
2006	7	24	55.2	12.9	49.7	9.8	51.9	11.1
2006	7	25	60.1	15.6	51.2	10.7	56.2	13.5
2006	7	26	61.9	16.6	54.6	12.6	59.3	15.2
2006	7	27	63.8	17.7	59.2	15.1	61.1	16.2
2006	7	28	64.4	18.0	59.3	15.2	61.3	16.3
2006	7	29	62.4	16.9	56.7	13.7	60.0	15.6
2006	7	30	63.0	17.2	58.0	14.4	60.9	16.0
2006	7	31	65.3	18.5	57.8	14.3	61.9	16.6
2006	8	1	68.7	20.4	62.1	16.7	66.0	18.9
2006	8	2	67.8	19.9	64.1	17.8	65.6	18.7
2006	8	3	65.6	18.7	61.0	16.1	63.7	17.6
2006	8	4	62.0	16.7	51.5	10.8	57.2	14.0
2006	8	5	54.2	12.3	47.4	8.6	50.7	10.4
2006	8	6	55.1	12.8	47.0	8.3	51.3	10.7
2006	8	7	63.5	17.5	53.8	12.1	59.6	15.3
2006	8	8	61.8	16.6	41.4	5.2	50.8	10.4
2006	8	9	48.3	9.1	41.6	5.3	45.4	7.4
2006	8	10	55.4	13.0	45.7	7.6	50.4	10.2
2006	8	11	50.4	10.2	37.7	3.2	43.1	6.2
2006	8	12	42.3	5.7	38.3	3.5	40.1	4.5
2006	8	13	43.9	6.6	36.1	2.3	39.5	4.2
2006	8	14	58.6	14.8	42.3	5.7	49.7	9.8
2006	8	15	60.7	15.9	47.4	8.6	55.1	12.8
2006	8	16	52.9	11.6	47.0	8.3	50.5	10.3
2006	8	17	54.2	12.3	46.4	8.0	50.6	10.4
2006	8	18	53.6	12.0	50.0	10.0	51.9	11.0
2006	8	19	62.9	17.2	51.5	10.8	57.5	14.1
2006	8	20	62.3	16.8	48.7	9.3	57.1	13.9
2006	8	21	50.8	10.4	47.3	8.5	48.7	9.3
2006	8	22	52.3	11.3	45.7	7.6	49.4	9.7

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 45 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2006	8	23	52.2	11.2	42.5	5.8	47.2	8.4
2006	8	24	53.5	11.9	46.6	8.1	51.0	10.5
2006	8	25	57.6	14.2	49.8	9.9	53.4	11.9
2006	8	26	55.4	13.0	52.3	11.3	53.8	12.1
2006	8	27	57.9	14.4	52.3	11.3	54.9	12.7
2006	8	28	61.7	16.5	56.2	13.4	58.9	15.0
2006	8	29	62.0	16.7	56.6	13.7	59.2	15.1
2006	8	30	55.8	13.2	51.7	10.9	53.9	12.2
2006	8	31	50.8	10.4	44.1	6.7	46.7	8.2
2006	9	1	46.5	8.1	42.7	5.9	44.2	6.8
2006	9	2	49.8	9.9	42.3	5.7	46.3	7.9
2006	9	3	50.7	10.4	44.8	7.1	47.3	8.5
2006	9	4	50.7	10.4	45.2	7.3	47.4	8.5
2006	9	5	52.1	11.2	47.7	8.7	49.7	9.8
2006	9	6	50.8	10.4	46.9	8.3	49.4	9.7
2006	9	7	50.9	10.5	42.5	5.8	47.4	8.6
2006	9	8	52.8	11.6	43.9	6.6	49.1	9.5
2006	9	9	54.7	12.6	45.9	7.7	50.3	10.2
2006	9	10	49.4	9.7	44.3	6.8	46.9	8.3
2006	9	11	45.2	7.3	37.4	3.0	40.5	4.7
2006	9	12	41.7	5.4	33.7	0.9	38.2	3.4
2006	9	13	47.2	8.4	36.0	2.2	43.3	6.3
2006	9	14	52.8	11.6	47.7	8.7	50.8	10.5
2006	9	15	54.1	12.3	49.6	9.8	51.8	11.0
2006	9	16	54.4	12.4	50.4	10.2	51.8	11.0
2006	9	17	54.8	12.7	47.6	8.7	50.7	10.4
2006	9	18	54.9	12.7	45.3	7.4	51.0	10.6
2006	9	19	56.2	13.4	43.8	6.6	51.3	10.7
2006	9	20	45.5	7.5	36.5	2.5	40.7	4.8
2006	9	21	39.4	4.1	32.9	0.5	36.1	2.3
2006	9	22	42.0	5.6	34.3	1.3	38.4	3.6
2006	9	23	55.5	13.1	42.2	5.7	50.7	10.4
2006	9	24	56.9	13.8	41.6	5.3	50.7	10.4
2006	9	25	43.3	6.3	36.7	2.6	40.1	4.5
2006	9	26	40.7	4.8	35.2	1.8	37.6	3.1
2006	9	27	44.6	7.0	34.6	1.4	40.5	4.7
2006	9	28	49.9	9.9	40.7	4.8	45.6	7.5
2006	9	29	44.9	7.2	29.8	-1.2	35.5	1.9
2006	9	30	40.9	4.9	30.5	-0.8	35.8	2.1
2006	10	1	44.0	6.7	39.4	4.1	41.5	5.3
2006	10	2	42.5	5.8	35.0	1.7	38.7	3.7
2006	10	3	51.6	10.9	37.6	3.1	44.8	7.1
2006	10	4	53.6	12.0	45.1	7.3	49.8	9.9
2006	10	5	47.8	8.8	30.2	-1.0	34.5	1.4
2006	10	6	33.1	0.6	28.4	-2.0	30.8	-0.7
2006	10	7	36.6	2.6	27.8	-2.3	32.2	0.1

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 46 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2006	10	8	44.8	7.1	31.4	-0.3	38.4	3.5
2006	10	9	49.2	9.6	35.7	2.1	43.6	6.4
2006	10	10	46.7	8.2	40.4	4.7	44.0	6.7
2006	10	11	46.3	7.9	43.1	6.2	44.5	7.0
2006	10	12	48.1	8.9	14.9	-9.5	34.7	1.5
2006	10	13	22.6	-5.2	16.9	-8.4	19.7	-6.9
2006	10	14	25.2	-3.8	16.7	-8.5	20.8	-6.2
2006	10	15	25.5	-3.6	18.6	-7.4	22.7	-5.2
2006	10	16	29.3	-1.5	21.3	-5.9	25.3	-3.7
2006	10	17	48.5	9.2	29.4	-1.4	39.0	3.9
2006	10	18	49.0	9.4	42.8	6.0	46.7	8.1
2006	10	19	50.9	10.5	40.9	4.9	45.4	7.5
2006	10	20	51.4	10.8	25.9	-3.4	36.8	2.7
2006	10	21	30.3	-0.9	27.1	-2.7	28.8	-1.8
2006	10	22	36.5	2.5	26.9	-2.8	31.1	-0.5
2006	10	23	34.4	1.3	19.4	-7.0	24.0	-4.4
2006	10	24	22.9	-5.1	21.0	-6.1	22.0	-5.6
2006	10	25	24.6	-4.1	22.2	-5.4	23.3	-4.9
2006	10	26	22.9	-5.1	18.4	-7.6	20.2	-6.6
2006	10	27	31.4	-0.3	18.3	-7.6	22.5	-5.3
2006	10	28	43.9	6.6	24.7	-4.1	33.5	0.8
2006	10	29	24.0	-4.4	14.4	-9.8	19.0	-7.2
2006	10	30	25.7	-3.5	14.9	-9.5	21.4	-5.9
2006	11	2	42.1	5.6	17.7	-7.9	28.6	-1.9
2006	11	3	20.8	-6.2	17.0	-8.3	19.5	-7.0
2006	11	4	22.3	-5.4	17.7	-7.9	20.0	-6.7
2006	11	5	24.7	-4.1	17.8	-7.9	21.9	-5.6
2006	11	6	29.5	-1.4	21.6	-5.8	25.2	-3.8
2006	11	7	40.4	4.7	26.8	-2.9	33.5	0.9
2006	11	8	49.5	9.7	41.1	5.1	47.1	8.4
2006	11	9	46.7	8.2	39.0	3.9	43.1	6.2
2006	11	10	38.5	3.6	30.1	-1.1	33.9	1.0
2006	11	11	46.6	8.1	31.7	-0.2	40.3	4.6
2006	11	12	47.0	8.3	31.6	-0.2	36.1	2.3
2006	11	13	40.0	4.4	33.0	0.6	36.3	2.4
2006	11	14	43.7	6.5	40.3	4.6	42.2	5.7
2006	11	15	46.2	7.9	42.1	5.6	43.6	6.4
2006	11	16	56.4	13.6	44.2	6.8	50.6	10.3
2006	11	17	48.3	9.1	26.7	-2.9	34.6	1.5
2006	11	18	27.9	-2.3	24.9	-3.9	26.3	-3.2
2006	11	19	28.0	-2.2	22.0	-5.6	25.5	-3.6
2006	11	20	21.5	-5.8	18.7	-7.4	20.1	-6.6
2006	11	21	21.6	-5.8	16.2	-8.8	19.3	-7.0
2006	11	22	20.5	-6.4	18.5	-7.5	19.6	-6.9
2006	11	23	34.4	1.3	17.9	-7.8	29.7	-1.3
2006	11	24	29.7	-1.3	21.8	-5.7	26.5	-3.1

Table 2.3-78— {SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)}
(Page 47 of 47)

Year	Month	Day	Max Td (°F)	Max Td (°C)	Min Td (°F)	Min Td (°C)	Aver Td (°F)	Aver Td (°C)
2006	11	25	29.4	-1.4	20.9	-6.2	25.6	-3.6
2006	11	26	33.1	0.6	23.9	-4.5	29.0	-1.6
2006	11	27	35.3	1.8	27.4	-2.6	31.9	-0.1
2006	11	28	40.0	4.4	29.2	-1.6	34.6	1.4
2006	11	29	43.2	6.2	38.8	3.8	41.3	5.2
2006	11	30	49.3	9.6	42.6	5.9	46.5	8.0
2006	12	1	54.9	12.7	22.0	-5.6	46.7	8.2
2006	12	2	21.1	-6.1	16.0	-8.9	18.4	-7.5
2006	12	3	19.5	-6.9	15.1	-9.4	17.4	-8.1
2006	12	4	19.7	-6.8	7.3	-13.7	11.7	-11.3
2006	12	5	13.7	-10.2	7.8	-13.4	10.5	-11.9
2006	12	6	20.7	-6.3	11.4	-11.4	16.1	-8.8
2006	12	7	25.5	-3.6	-0.5	-18.1	17.0	-8.4
2006	12	8	12.0	-11.1	-7.3	-21.8	1.8	-16.8
2006	12	9	6.2	-14.3	2.5	-16.4	4.5	-15.3
2006	12	10	21.3	-5.9	3.8	-15.7	12.2	-11.0
2006	12	11	22.4	-5.3	16.7	-8.5	19.4	-7.0
2006	12	12	31.0	-0.6	22.2	-5.4	26.7	-2.9
2006	12	13	38.9	3.8	29.7	-1.3	35.3	1.8
2006	12	14	36.6	2.6	25.4	-3.7	30.5	-0.8
2006	12	15	35.9	2.2	28.6	-1.9	0.0	-17.8
2006	12	18	46.5	8.1	21.3	-5.9	37.9	3.3
2006	12	19	23.0	-5.0	16.3	-8.7	19.8	-6.8
2006	12	20	21.2	-6.0	15.1	-9.4	18.0	-7.8
2006	12	21	24.7	-4.1	17.6	-8.0	20.8	-6.2
2006	12	22	36.9	2.7	19.9	-6.7	26.4	-3.1
2006	12	23	41.1	5.1	26.5	-3.1	34.3	1.3
2006	12	24	27.8	-2.3	22.8	-5.1	25.5	-3.6
2006	12	25	32.6	0.3	19.0	-7.2	23.5	-4.7
2006	12	26	35.2	1.8	24.1	-4.4	31.5	-0.3
2006	12	27	25.6	-3.6	15.9	-8.9	19.3	-7.1
2006	12	28	25.6	-3.6	16.2	-8.8	20.7	-6.3
2006	12	29	27.1	-2.7	21.6	-5.8	24.6	-4.1
2006	12	30	30.7	-0.7	21.4	-5.9	26.4	-3.1
2006	12	31	27.0	-2.8	17.9	-7.8	19.5	-6.9

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 1 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
1/1/2000	20.0	43.0	28.7	17.0	28.0	24.1	-6.7	6.1	-1.8	-8.3	-2.2	-4.4
1/2/2000	28.0	56.0	36.6	26.0	45.0	32.6	-2.2	13.3	2.6	-3.3	7.2	0.3
1/3/2000	43.0	57.0	49.5	40.0	52.0	46.1	6.1	13.9	9.7	4.4	11.1	7.8
1/4/2000	46.0	61.0	55.9	34.0	54.0	51.1	7.8	16.1	13.3	1.1	12.2	10.6
1/5/2000	29.0	47.0	35.1	14.0	34.0	19.8	-1.7	8.3	1.7	-10.0	1.1	-6.8
1/6/2000	21.0	39.0	28.3	15.0	25.0	18.0	-6.1	3.9	-2.1	-9.4	-3.9	-7.8
1/7/2000	28.0	41.0	33.6	19.0	28.0	24.5	-2.2	5.0	0.9	-7.2	-2.2	-4.2
1/8/2000	22.0	39.0	31.3	15.0	21.0	17.4	-5.6	3.9	-0.4	-9.4	-6.1	-8.1
1/9/2000	30.0	47.0	36.1	18.0	30.0	24.1	-1.1	8.3	2.3	-7.8	-1.1	-4.4
1/10/2000	37.0	43.0	39.9	30.0	43.0	37.2	2.8	6.1	4.4	-1.1	6.1	2.9
1/11/2000	35.0	49.0	43.5	18.0	40.0	29.4	1.7	9.4	6.4	-7.8	4.4	-1.4
1/12/2000	35.0	44.0	38.6	17.0	28.0	22.9	1.7	6.7	3.7	-8.3	-2.2	-5.1
1/13/2000	19.0	35.0	30.5	7.0	28.0	23.0	-7.2	1.7	-0.8	-13.9	-2.2	-5.0
1/14/2000	10.0	25.0	17.3	-2.0	7.0	2.3	-12.2	-3.9	-8.2	-18.9	-13.9	-16.5
1/15/2000	14.0	27.0	19.9	4.0	15.0	10.0	-10.0	-2.8	-6.7	-15.6	-9.4	-12.2
1/16/2000	27.0	48.0	31.7	11.0	27.0	16.8	-2.8	8.9	-0.2	-11.7	-2.8	-8.4
1/17/2000	4.0	29.0	12.4	-11.0	18.0	-5.2	-15.6	-1.7	-10.9	-23.9	-7.8	-20.7
1/18/2000	3.0	17.0	8.1	-10.0	1.0	-3.3	-16.1	-8.3	-13.3	-23.3	-17.2	-19.6
1/19/2000	10.0	32.0	18.6	2.0	18.0	9.8	-12.2	0.0	-7.4	-16.7	-7.8	-12.3
1/20/2000	24.0	28.0	26.3	16.0	27.0	22.7	-4.4	-2.2	-3.2	-8.9	-2.8	-5.2
1/21/2000	6.0	27.0	13.8	-7.0	18.0	-1.1	-14.4	-2.8	-10.1	-21.7	-7.8	-18.4
1/22/2000	0.0	19.0	8.1	-7.0	3.0	-2.0	-17.8	-7.2	-13.3	-21.7	-16.1	-18.9
1/23/2000	14.0	25.0	18.4	4.0	18.0	11.0	-10.0	-3.9	-7.6	-15.6	-7.8	-11.7
1/24/2000	21.0	34.0	26.4	14.0	21.0	18.4	-6.1	1.1	-3.1	-10.0	-6.1	-7.6
1/25/2000	16.0	24.0	20.8	9.0	19.0	15.4	-8.9	-4.4	-6.2	-12.8	-7.2	-9.2
1/26/2000	21.0	27.0	23.4	10.0	18.0	14.0	-6.1	-2.8	-4.8	-12.2	-7.8	-10.0
1/27/2000	6.0	24.0	14.1	-5.0	14.0	0.8	-14.4	-4.4	-9.9	-20.6	-10.0	-17.3
1/28/2000	6.0	23.0	12.6	-8.0	0.0	-3.7	-14.4	-5.0	-10.8	-22.2	-17.8	-19.8
1/29/2000	1.0	34.0	16.0	-8.0	10.0	1.2	-17.2	1.1	-8.9	-22.2	-12.2	-17.1
1/30/2000	8.0	31.0	19.4	4.0	25.0	12.9	-13.3	-0.6	-7.0	-15.6	-3.9	-10.6
1/31/2000	18.0	30.0	25.7	15.0	25.0	21.3	-7.8	-1.1	-3.5	-9.4	-3.9	-5.9
2/1/2000	26.0	31.0	28.0	14.0	21.0	17.2	-3.3	-0.6	-2.2	-10.0	-6.1	-8.2
2/2/2000	19.0	30.0	24.0	0.0	21.0	7.3	-7.2	-1.1	-4.4	-17.8	-6.1	-13.7
2/3/2000	10.0	27.0	19.5	2.0	21.0	12.4	-12.2	-2.8	-6.9	-16.7	-6.1	-10.9
2/4/2000	24.0	31.0	25.9	21.0	27.0	22.7	-4.4	-0.6	-3.4	-6.1	-2.8	-5.2
2/5/2000	17.0	31.0	27.1	9.0	29.0	19.0	-8.3	-0.6	-2.7	-12.8	-1.7	-7.2
2/6/2000	25.0	36.0	29.5	10.0	21.0	15.3	-3.9	2.2	-1.4	-12.2	-6.1	-9.3
2/7/2000	25.0	38.0	31.1	15.0	26.0	19.3	-3.9	3.3	-0.5	-9.4	-3.3	-7.1
2/8/2000	7.0	32.0	20.5	2.0	19.0	6.9	-13.9	0.0	-6.4	-16.7	-7.2	-13.9
2/9/2000	12.0	42.0	22.9	4.0	25.0	11.4	-11.1	5.6	-5.1	-15.6	-3.9	-11.4
2/10/2000	19.0	44.0	28.2	18.0	29.0	22.5	-7.2	6.7	-2.1	-7.8	-1.7	-5.3
2/11/2000	32.0	44.0	39.5	19.0	36.0	32.2	0.0	6.7	4.2	-7.2	2.2	0.1
2/12/2000	18.0	32.0	24.9	5.0	20.0	10.6	-7.8	0.0	-3.9	-15.0	-6.7	-11.9
2/13/2000	15.0	29.0	22.3	8.0	23.0	12.9	-9.4	-1.7	-5.4	-13.3	-5.0	-10.6
2/14/2000	29.0	38.0	34.3	23.0	36.0	32.8	-1.7	3.3	1.3	-5.0	2.2	0.4

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 2 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
2/15/2000	28.0	37.0	33.0	16.0	34.0	22.4	-2.2	2.8	0.6	-8.9	1.1	-5.3
2/16/2000	26.0	47.0	35.6	20.0	31.0	25.3	-3.3	8.3	2.0	-6.7	-0.6	-3.7
2/17/2000	21.0	40.0	28.8	7.0	27.0	11.7	-6.1	4.4	-1.8	-13.9	-2.8	-11.3
2/18/2000	26.0	30.0	28.0	10.0	28.0	22.6	-3.3	-1.1	-2.2	-12.2	-2.2	-5.2
2/19/2000	30.0	34.0	31.4	21.0	32.0	28.2	-1.1	1.1	-0.3	-6.1	0.0	-2.1
2/20/2000	27.0	35.0	30.6	21.0	26.0	23.3	-2.8	1.7	-0.8	-6.1	-3.3	-4.8
2/21/2000	20.0	40.0	29.9	17.0	25.0	21.6	-6.7	4.4	-1.2	-8.3	-3.9	-5.8
2/22/2000	20.0	48.0	31.9	19.0	29.0	23.7	-6.7	8.9	-0.1	-7.2	-1.7	-4.6
2/23/2000	38.0	52.0	43.8	26.0	32.0	28.8	3.3	11.1	6.6	-3.3	0.0	-1.8
2/24/2000	30.0	51.0	38.5	30.0	37.0	33.0	-1.1	10.6	3.6	-1.1	2.8	0.6
2/25/2000	35.0	57.0	42.4	34.0	48.0	38.7	1.7	13.9	5.8	1.1	8.9	3.7
2/26/2000	39.0	48.0	42.9	37.0	45.0	39.5	3.9	8.9	6.1	2.8	7.2	4.2
2/27/2000	42.0	52.0	45.4	41.0	49.0	43.8	5.6	11.1	7.4	5.0	9.4	6.6
2/28/2000	36.0	50.0	45.3	22.0	49.0	36.5	2.2	10.0	7.4	-5.6	9.4	2.5
2/29/2000	29.0	55.0	39.9	19.0	28.0	23.8	-1.7	12.8	4.4	-7.2	-2.2	-4.6
3/1/2000	30.0	50.0	38.8	19.0	39.0	27.5	-1.1	10.0	3.8	-7.2	3.9	-2.5
3/2/2000	36.0	45.0	40.0	24.0	40.0	29.1	2.2	7.2	4.4	-4.4	4.4	-1.6
3/3/2000	32.0	47.0	38.3	6.0	25.0	16.3	0.0	8.3	3.5	-14.4	-3.9	-8.7
3/4/2000	27.0	54.0	38.3	6.0	23.0	19.7	-2.8	12.2	3.5	-14.4	-5.0	-6.8
3/5/2000	31.0	58.0	44.8	22.0	27.0	25.2	-0.6	14.4	7.1	-5.6	-2.8	-3.8
3/6/2000	30.0	56.0	42.6	20.0	28.0	25.3	-1.1	13.3	5.9	-6.7	-2.2	-3.7
3/7/2000	28.0	67.0	43.1	24.0	34.0	27.5	-2.2	19.4	6.2	-4.4	1.1	-2.5
3/8/2000	40.0	81.0	56.5	32.0	54.0	40.5	4.4	27.2	13.6	0.0	12.2	4.7
3/9/2000	39.0	79.0	53.5	39.0	54.0	45.7	3.9	26.1	11.9	3.9	12.2	7.6
3/10/2000	41.0	58.0	47.4	32.0	54.0	39.4	5.0	14.4	8.6	0.0	12.2	4.1
3/11/2000	37.0	45.0	41.1	31.0	43.0	37.5	2.8	7.2	5.1	-0.6	6.1	3.1
3/12/2000	34.0	41.0	38.3	17.0	40.0	34.0	1.1	5.0	3.5	-8.3	4.4	1.1
3/13/2000	26.0	47.0	35.1	14.0	28.0	19.8	-3.3	8.3	1.7	-10.0	-2.2	-6.8
3/14/2000	28.0	53.0	38.8	24.0	39.0	28.4	-2.2	11.7	3.8	-4.4	3.9	-2.0
3/15/2000	30.0	67.0	42.1	30.0	39.0	33.4	-1.1	19.4	5.6	-1.1	3.9	0.8
3/16/2000	41.0	64.0	52.5	32.0	52.0	41.0	5.0	17.8	11.4	0.0	11.1	5.0
3/17/2000	28.0	52.0	36.7	10.0	52.0	30.3	-2.2	11.1	2.6	-12.2	11.1	-0.9
3/18/2000	19.0	41.0	27.8	0.0	11.0	5.1	-7.2	5.0	-2.3	-17.8	-11.7	-14.9
3/19/2000	28.0	46.0	35.5	8.0	27.0	18.8	-2.2	7.8	1.9	-13.3	-2.8	-7.3
3/20/2000	36.0	52.0	42.5	21.0	28.0	26.7	2.2	11.1	5.8	-6.1	-2.2	-2.9
3/21/2000	39.0	48.0	41.7	24.0	40.0	35.2	3.9	8.9	5.4	-4.4	4.4	1.8
3/22/2000	41.0	59.0	45.8	39.0	45.0	41.0	5.0	15.0	7.7	3.9	7.2	5.0
3/23/2000	45.0	60.0	51.2	41.0	45.0	42.8	7.2	15.6	10.7	5.0	7.2	6.0
3/24/2000	35.0	66.0	45.5	31.0	43.0	37.2	1.7	18.9	7.5	-0.6	6.1	2.9
3/25/2000	42.0	68.0	52.6	35.0	55.0	43.9	5.6	20.0	11.4	1.7	12.8	6.6
3/26/2000	39.0	61.0	52.1	11.0	54.0	32.5	3.9	16.1	11.2	-11.7	12.2	0.3
3/27/2000	30.0	61.0	44.9	15.0	46.0	27.7	-1.1	16.1	7.2	-9.4	7.8	-2.4
3/28/2000	42.0	59.0	49.0	21.0	48.0	37.1	5.6	15.0	9.4	-6.1	8.9	2.8
3/29/2000	39.0	47.0	43.0	31.0	38.0	34.1	3.9	8.3	6.1	-0.6	3.3	1.2
3/30/2000	39.0	52.0	44.1	21.0	36.0	30.6	3.9	11.1	6.7	-6.1	2.2	-0.8

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 3 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
3/31/2000	27.0	59.0	43.5	21.0	28.0	23.8	-2.8	15.0	6.4	-6.1	-2.2	-4.6
4/1/2000	29.0	66.0	45.2	22.0	30.0	26.2	-1.7	18.9	7.3	-5.6	-1.1	-3.2
4/2/2000	41.0	62.0	52.2	28.0	50.0	38.7	5.0	16.7	11.2	-2.2	10.0	3.7
4/3/2000	52.0	72.0	58.6	50.0	58.0	53.8	11.1	22.2	14.8	10.0	14.4	12.1
4/4/2000	45.0	69.0	59.3	32.0	61.0	54.7	7.2	20.6	15.2	0.0	16.1	12.6
4/5/2000	34.0	47.0	40.1	18.0	32.0	22.7	1.1	8.3	4.5	-7.8	0.0	-5.2
4/6/2000	34.0	72.0	49.4	24.0	38.0	28.9	1.1	22.2	9.7	-4.4	3.3	-1.7
4/7/2000	38.0	61.0	48.9	31.0	43.0	34.6	3.3	16.1	9.4	-0.6	6.1	1.4
4/8/2000	43.0	72.0	52.6	36.0	54.0	44.5	6.1	22.2	11.4	2.2	12.2	6.9
4/9/2000	28.0	48.0	34.9	15.0	45.0	27.1	-2.2	8.9	1.6	-9.4	7.2	-2.7
4/10/2000	37.0	53.0	43.3	12.0	31.0	23.3	2.8	11.7	6.3	-11.1	-0.6	-4.8
4/11/2000	34.0	49.0	40.8	13.0	32.0	25.1	1.1	9.4	4.9	-10.6	0.0	-3.8
4/12/2000	37.0	47.0	43.0	16.0	43.0	28.0	2.8	8.3	6.1	-8.9	6.1	-2.2
4/13/2000	27.0	52.0	38.7	12.0	25.0	19.5	-2.8	11.1	3.7	-11.1	-3.9	-6.9
4/14/2000	40.0	61.0	49.0	17.0	40.0	28.5	4.4	16.1	9.4	-8.3	4.4	-1.9
4/15/2000	43.0	72.0	57.4	39.0	56.0	45.4	6.1	22.2	14.1	3.9	13.3	7.4
4/16/2000	48.0	81.0	58.6	46.0	55.0	51.6	8.9	27.2	14.8	7.8	12.8	10.9
4/17/2000	45.0	58.0	47.7	39.0	46.0	43.5	7.2	14.4	8.7	3.9	7.8	6.4
4/18/2000	39.0	45.0	42.6	38.0	42.0	39.7	3.9	7.2	5.9	3.3	5.6	4.3
4/19/2000	41.0	63.0	48.6	39.0	52.0	43.2	5.0	17.2	9.2	3.9	11.1	6.2
4/20/2000	51.0	61.0	56.6	49.0	55.0	51.8	10.6	16.1	13.7	9.4	12.8	11.0
4/21/2000	50.0	62.0	52.9	45.0	52.0	48.5	10.0	16.7	11.6	7.2	11.1	9.2
4/22/2000	45.0	52.0	48.5	38.0	48.0	44.1	7.2	11.1	9.2	3.3	8.9	6.7
4/23/2000	41.0	51.0	44.4	37.0	39.0	37.9	5.0	10.6	6.9	2.8	3.9	3.3
4/24/2000	41.0	67.0	52.9	33.0	41.0	36.8	5.0	19.4	11.6	0.6	5.0	2.7
4/25/2000	38.0	63.0	52.8	28.0	36.0	32.6	3.3	17.2	11.6	-2.2	2.2	0.3
4/26/2000	41.0	59.0	49.6	22.0	36.0	31.1	5.0	15.0	9.8	-5.6	2.2	-0.5
4/27/2000	43.0	54.0	47.8	35.0	45.0	39.8	6.1	12.2	8.8	1.7	7.2	4.3
4/28/2000	43.0	64.0	49.6	33.0	44.0	40.8	6.1	17.8	9.8	0.6	6.7	4.9
4/29/2000	37.0	71.0	54.7	30.0	41.0	35.3	2.8	21.7	12.6	-1.1	5.0	1.8
4/30/2000	48.0	65.0	57.0	19.0	41.0	29.4	8.9	18.3	13.9	-7.2	5.0	-1.4
5/1/2000	35.0	72.0	53.7	20.0	40.0	31.2	1.7	22.2	12.1	-6.7	4.4	-0.4
5/2/2000	53.0	69.0	58.1	31.0	54.0	46.1	11.7	20.6	14.5	-0.6	12.2	7.8
5/3/2000	37.0	71.0	54.5	32.0	41.0	36.9	2.8	21.7	12.5	0.0	5.0	2.7
5/4/2000	56.0	73.0	64.0	40.0	61.0	48.0	13.3	22.8	17.8	4.4	16.1	8.9
5/5/2000	59.0	86.0	67.5	56.0	62.0	59.7	15.0	30.0	19.7	13.3	16.7	15.4
5/6/2000	56.0	88.0	71.1	55.0	68.0	59.2	13.3	31.1	21.7	12.8	20.0	15.1
5/7/2000	58.0	91.0	72.8	55.0	66.0	60.0	14.4	32.8	22.7	12.8	18.9	15.6
5/8/2000	61.0	88.0	71.2	57.0	66.0	62.1	16.1	31.1	21.8	13.9	18.9	16.7
5/9/2000	59.0	91.0	74.6	58.0	64.0	61.5	15.0	32.8	23.7	14.4	17.8	16.4
5/10/2000	63.0	85.0	73.3	46.0	67.0	61.5	17.2	29.4	22.9	7.8	19.4	16.4
5/11/2000	51.0	77.0	62.5	34.0	48.0	42.5	10.6	25.0	16.9	1.1	8.9	5.8
5/12/2000	57.0	78.0	64.7	47.0	61.0	52.5	13.9	25.6	18.2	8.3	16.1	11.4
5/13/2000	62.0	81.0	68.5	48.0	68.0	62.0	16.7	27.2	20.3	8.9	20.0	16.7
5/14/2000	47.0	70.0	59.5	34.0	52.0	44.1	8.3	21.1	15.3	1.1	11.1	6.7

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 4 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
5/15/2000	39.0	65.0	53.0	28.0	40.0	33.8	3.9	18.3	11.7	-2.2	4.4	1.0
5/16/2000	35.0	66.0	51.1	29.0	40.0	36.1	1.7	18.9	10.6	-1.7	4.4	2.3
5/17/2000	43.0	73.0	59.3	40.0	50.0	45.7	6.1	22.8	15.2	4.4	10.0	7.6
5/18/2000	61.0	84.0	67.6	50.0	63.0	58.3	16.1	28.9	19.8	10.0	17.2	14.6
5/19/2000	52.0	66.0	56.9	50.0	63.0	55.6	11.1	18.9	13.8	10.0	17.2	13.1
5/20/2000	47.0	54.0	49.9	45.0	50.0	46.9	8.3	12.2	9.9	7.2	10.0	8.3
5/21/2000	51.0	61.0	54.5	49.0	55.0	51.9	10.6	16.1	12.5	9.4	12.8	11.1
5/22/2000	55.0	60.0	56.7	53.0	57.0	54.9	12.8	15.6	13.7	11.7	13.9	12.7
5/23/2000	55.0	63.0	57.1	53.0	59.0	55.1	12.8	17.2	13.9	11.7	15.0	12.8
5/24/2000	56.0	77.0	63.9	54.0	63.0	58.6	13.3	25.0	17.7	12.2	17.2	14.8
5/25/2000	55.0	74.0	61.5	42.0	62.0	53.8	12.8	23.3	16.4	5.6	16.7	12.1
5/26/2000	51.0	75.0	62.5	39.0	48.0	44.3	10.6	23.9	16.9	3.9	8.9	6.8
5/27/2000	47.0	69.0	56.9	40.0	54.0	47.1	8.3	20.6	13.8	4.4	12.2	8.4
5/28/2000	48.0	65.0	54.7	46.0	54.0	49.4	8.9	18.3	12.6	7.8	12.2	9.7
5/29/2000	56.0	65.0	60.6	47.0	53.0	50.4	13.3	18.3	15.9	8.3	11.7	10.2
5/30/2000	46.0	70.0	56.5	46.0	52.0	48.7	7.8	21.1	13.6	7.8	11.1	9.3
5/31/2000	49.0	73.0	59.5	46.0	58.0	50.9	9.4	22.8	15.3	7.8	14.4	10.5
6/1/2000	59.0	85.0	70.3	57.0	73.0	62.6	15.0	29.4	21.3	13.9	22.8	17.0
6/2/2000	64.0	91.0	71.0	63.0	71.0	66.5	17.8	32.8	21.7	17.2	21.7	19.2
6/3/2000	55.0	71.0	64.1	44.0	67.0	49.8	12.8	21.7	17.8	6.7	19.4	9.9
6/4/2000	46.0	72.0	59.9	44.0	65.0	48.5	7.8	22.2	15.5	6.7	18.3	9.2
6/5/2000	54.0	67.0	56.7	50.0	57.0	54.0	12.2	19.4	13.7	10.0	13.9	12.2
6/6/2000	52.0	57.0	54.8	48.0	54.0	52.5	11.1	13.9	12.7	8.9	12.2	11.4
6/7/2000	51.0	76.0	61.5	45.0	57.0	48.1	10.6	24.4	16.4	7.2	13.9	8.9
6/8/2000	53.0	80.0	65.3	49.0	58.0	54.1	11.7	26.7	18.5	9.4	14.4	12.3
6/9/2000	56.0	86.0	71.0	52.0	65.0	58.1	13.3	30.0	21.7	11.1	18.3	14.5
6/10/2000	58.0	91.0	74.8	57.0	64.0	61.5	14.4	32.8	23.8	13.9	17.8	16.4
6/11/2000	62.0	90.0	74.2	61.0	72.0	64.9	16.7	32.2	23.4	16.1	22.2	18.3
6/12/2000	68.0	81.0	72.0	68.0	72.0	70.3	20.0	27.2	22.2	20.0	22.2	21.3
6/13/2000	61.0	72.0	65.3	59.0	70.0	63.3	16.1	22.2	18.5	15.0	21.1	17.4
6/14/2000	60.0	65.0	62.3	59.0	61.0	60.1	15.6	18.3	16.8	15.0	16.1	15.6
6/15/2000	60.0	72.0	65.3	59.0	68.0	62.8	15.6	22.2	18.5	15.0	20.0	17.1
6/16/2000	67.0	85.0	75.2	66.0	73.0	69.6	19.4	29.4	24.0	18.9	22.8	20.9
6/17/2000	68.0	82.0	74.1	61.0	73.0	69.3	20.0	27.8	23.4	16.1	22.8	20.7
6/18/2000	63.0	74.0	65.7	61.0	68.0	62.9	17.2	23.3	18.7	16.1	20.0	17.2
6/19/2000	54.0	75.0	61.4	50.0	61.0	53.0	12.2	23.9	16.3	10.0	16.1	11.7
6/20/2000	53.0	82.0	64.1	51.0	61.0	55.7	11.7	27.8	17.8	10.6	16.1	13.2
6/21/2000	67.0	82.0	72.7	57.0	72.0	65.0	19.4	27.8	22.6	13.9	22.2	18.3
6/22/2000	66.0	83.0	71.4	56.0	70.0	65.9	18.9	28.3	21.9	13.3	21.1	18.8
6/23/2000	60.0	80.0	71.5	56.0	61.0	58.8	15.6	26.7	21.9	13.3	16.1	14.9
6/24/2000	59.0	83.0	70.1	57.0	68.0	61.7	15.0	28.3	21.2	13.9	20.0	16.5
6/25/2000	77.0	80.0	78.2	67.0	68.0	67.8	25.0	26.7	25.7	19.4	20.0	19.9
6/26/2000	71.0	81.0	75.4	69.0	74.0	71.1	21.7	27.2	24.1	20.6	23.3	21.7
6/27/2000	69.0	79.0	72.8	64.0	73.0	69.0	20.6	26.1	22.7	17.8	22.8	20.6
6/28/2000	59.0	79.0	68.8	53.0	68.0	60.8	15.0	26.1	20.4	11.7	20.0	16.0

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 5 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
6/29/2000	59.0	77.0	66.3	54.0	62.0	59.1	15.0	25.0	19.1	12.2	16.7	15.1
6/30/2000	56.0	78.0	67.7	48.0	57.0	54.4	13.3	25.6	19.8	8.9	13.9	12.4
7/1/2000	53.0	80.0	67.2	51.0	58.0	54.7	11.7	26.7	19.6	10.6	14.4	12.6
7/2/2000	57.0	83.0	67.8	55.0	61.0	57.4	13.9	28.3	19.9	12.8	16.1	14.1
7/3/2000	60.0	77.0	68.8	57.0	70.0	63.4	15.6	25.0	20.4	13.9	21.1	17.4
7/4/2000	68.0	84.0	72.1	67.0	70.0	68.5	20.0	28.9	22.3	19.4	21.1	20.3
7/5/2000	61.0	83.0	73.8	52.0	69.0	59.5	16.1	28.3	23.2	11.1	20.6	15.3
7/6/2000	52.0	78.0	66.6	48.0	57.0	51.6	11.1	25.6	19.2	8.9	13.9	10.9
7/7/2000	53.0	74.0	66.8	44.0	57.0	49.8	11.7	23.3	19.3	6.7	13.9	9.9
7/8/2000	49.0	79.0	63.6	44.0	54.0	48.5	9.4	26.1	17.6	6.7	12.2	9.2
7/9/2000	53.0	81.0	66.6	51.0	70.0	57.2	11.7	27.2	19.2	10.6	21.1	14.0
7/10/2000	67.0	88.0	74.3	59.0	71.0	67.5	19.4	31.1	23.5	15.0	21.7	19.7
7/11/2000	58.0	82.0	72.4	49.0	64.0	56.3	14.4	27.8	22.4	9.4	17.8	13.5
7/12/2000	52.0	83.0	67.5	49.0	61.0	51.8	11.1	28.3	19.7	9.4	16.1	11.0
7/13/2000	56.0	78.0	67.3	54.0	64.0	57.0	13.3	25.6	19.6	12.2	17.8	13.9
7/14/2000	61.0	80.0	68.7	57.0	66.0	61.3	16.1	26.7	20.4	13.9	18.9	16.3
7/15/2000	64.0	72.0	65.5	62.0	65.0	63.4	17.8	22.2	18.6	16.7	18.3	17.4
7/16/2000	64.0	78.0	67.3	61.0	65.0	63.2	17.8	25.6	19.6	16.1	18.3	17.3
7/17/2000	63.0	80.0	68.7	62.0	65.0	63.1	17.2	26.7	20.4	16.7	18.3	17.3
7/18/2000	60.0	84.0	70.5	54.0	66.0	61.3	15.6	28.9	21.4	12.2	18.9	16.3
7/19/2000	57.0	77.0	63.0	52.0	58.0	55.6	13.9	25.0	17.2	11.1	14.4	13.1
7/20/2000	60.0	79.0	66.9	46.0	59.0	55.0	15.6	26.1	19.4	7.8	15.0	12.8
7/21/2000	53.0	78.0	63.1	51.0	65.0	56.8	11.7	25.6	17.3	10.6	18.3	13.8
7/22/2000	58.0	76.0	64.5	51.0	64.0	58.0	14.4	24.4	18.1	10.6	17.8	14.4
7/23/2000	51.0	76.0	64.0	32.0	61.0	52.7	10.6	24.4	17.8	0.0	16.1	11.5
7/24/2000	56.0	74.0	64.7	55.0	61.0	57.9	13.3	23.3	18.2	12.8	16.1	14.4
7/25/2000	61.0	80.0	69.6	56.0	62.0	60.2	16.1	26.7	20.9	13.3	16.7	15.7
7/26/2000	61.0	75.0	68.6	58.0	65.0	61.7	16.1	23.9	20.3	14.4	18.3	16.5
7/27/2000	64.0	80.0	70.7	63.0	67.0	64.9	17.8	26.7	21.5	17.2	19.4	18.3
7/28/2000	63.0	83.0	69.4	62.0	68.0	65.0	17.2	28.3	20.8	16.7	20.0	18.3
7/29/2000	66.0	77.0	70.1	64.0	67.0	65.1	18.9	25.0	21.2	17.8	19.4	18.4
7/30/2000	68.0	81.0	73.6	66.0	73.0	70.1	20.0	27.2	23.1	18.9	22.8	21.2
7/31/2000	70.0	86.0	74.2	69.0	74.0	71.4	21.1	30.0	23.4	20.6	23.3	21.9
8/1/2000	72.0	86.0	76.1	68.0	73.0	71.8	22.2	30.0	24.5	20.0	22.8	22.1
8/2/2000	67.0	84.0	72.6	66.0	72.0	68.7	19.4	28.9	22.6	18.9	22.2	20.4
8/3/2000	68.0	81.0	71.7	66.0	72.0	68.7	20.0	27.2	22.1	18.9	22.2	20.4
8/4/2000	64.0	77.0	70.9	53.0	70.0	61.6	17.8	25.0	21.6	11.7	21.1	16.4
8/5/2000	54.0	79.0	66.3	52.0	63.0	55.4	12.2	26.1	19.1	11.1	17.2	13.0
8/6/2000	55.0	70.0	62.6	54.0	67.0	60.1	12.8	21.1	17.0	12.2	19.4	15.6
8/7/2000	66.0	85.0	71.5	66.0	72.0	68.6	18.9	29.4	21.9	18.9	22.2	20.3
8/8/2000	65.0	86.0	72.3	65.0	73.0	68.3	18.3	30.0	22.4	18.3	22.8	20.2
8/9/2000	71.0	88.0	78.3	67.0	72.0	69.6	21.7	31.1	25.7	19.4	22.2	20.9
8/10/2000	65.0	83.0	74.8	62.0	72.0	65.3	18.3	28.3	23.8	16.7	22.2	18.5
8/11/2000	66.0	81.0	70.9	61.0	68.0	64.9	18.9	27.2	21.6	16.1	20.0	18.3
8/12/2000	61.0	73.0	65.7	56.0	64.0	60.0	16.1	22.8	18.7	13.3	17.8	15.6

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 6 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
8/13/2000	61.0	76.0	67.1	58.0	64.0	60.6	16.1	24.4	19.5	14.4	17.8	15.9
8/14/2000	60.0	79.0	67.9	58.0	64.0	61.3	15.6	26.1	19.9	14.4	17.8	16.3
8/15/2000	59.0	85.0	70.6	57.0	69.0	62.9	15.0	29.4	21.4	13.9	20.6	17.2
8/16/2000	70.0	80.0	74.1	51.0	70.0	60.1	21.1	26.7	23.4	10.6	21.1	15.6
8/17/2000	61.0	72.0	65.4	48.0	56.0	51.8	16.1	22.2	18.6	8.9	13.3	11.0
8/18/2000	57.0	66.0	61.1	54.0	61.0	56.8	13.9	18.9	16.2	12.2	16.1	13.8
8/19/2000	56.0	77.0	63.1	48.0	60.0	54.5	13.3	25.0	17.3	8.9	15.6	12.5
8/20/2000	50.0	73.0	61.7	43.0	55.0	48.8	10.0	22.8	16.5	6.1	12.8	9.3
8/21/2000	45.0	73.0	58.8	43.0	54.0	48.2	7.2	22.8	14.9	6.1	12.2	9.0
8/22/2000	51.0	78.0	62.1	49.0	61.0	54.1	10.6	25.6	16.7	9.4	16.1	12.3
8/23/2000	64.0	74.0	67.6	59.0	69.0	63.1	17.8	23.3	19.8	15.0	20.6	17.3
8/24/2000	66.0	82.0	69.1	54.0	68.0	64.4	18.9	27.8	20.6	12.2	20.0	18.0
8/25/2000	55.0	81.0	65.3	49.0	61.0	55.4	12.8	27.2	18.5	9.4	16.1	13.0
8/26/2000	55.0	80.0	64.2	54.0	66.0	58.1	12.8	26.7	17.9	12.2	18.9	14.5
8/27/2000	61.0	78.0	67.1	57.0	71.0	63.2	16.1	25.6	19.5	13.9	21.7	17.3
8/28/2000	63.0	82.0	70.3	62.0	69.0	65.4	17.2	27.8	21.3	16.7	20.6	18.6
8/29/2000	64.0	79.0	70.3	63.0	66.0	64.8	17.8	26.1	21.3	17.2	18.9	18.2
8/30/2000	68.0	81.0	72.9	63.0	70.0	64.8	20.0	27.2	22.7	17.2	21.1	18.2
8/31/2000	67.0	83.0	73.0	66.0	73.0	67.4	19.4	28.3	22.8	18.9	22.8	19.7
9/1/2000	72.0	81.0	75.0	70.0	74.0	71.2	22.2	27.2	23.9	21.1	23.3	21.8
9/2/2000	71.0	85.0	74.8	66.0	73.0	71.1	21.7	29.4	23.8	18.9	22.8	21.7
9/3/2000	67.0	84.0	73.0	66.0	73.0	68.7	19.4	28.9	22.8	18.9	22.8	20.4
9/4/2000	63.0	83.0	73.5	52.0	72.0	67.0	17.2	28.3	23.1	11.1	22.2	19.4
9/5/2000	45.0	69.0	58.1	36.0	52.0	40.7	7.2	20.6	14.5	2.2	11.1	4.8
9/6/2000	42.0	70.0	53.2	41.0	52.0	44.5	5.6	21.1	11.8	5.0	11.1	6.9
9/7/2000	45.0	72.0	54.3	44.0	52.0	47.9	7.2	22.2	12.4	6.7	11.1	8.8
9/8/2000	48.0	78.0	59.0	46.0	64.0	52.3	8.9	25.6	15.0	7.8	17.8	11.3
9/9/2000	60.0	85.0	67.9	59.0	68.0	62.3	15.6	29.4	19.9	15.0	20.0	16.8
9/10/2000	66.0	84.0	72.0	64.0	70.0	68.1	18.9	28.9	22.2	17.8	21.1	20.1
9/11/2000	66.0	78.0	71.6	61.0	68.0	65.4	18.9	25.6	22.0	16.1	20.0	18.6
9/12/2000	70.0	80.0	73.5	64.0	70.0	67.2	21.1	26.7	23.1	17.8	21.1	19.6
9/13/2000	61.0	77.0	69.1	44.0	70.0	60.9	16.1	25.0	20.6	6.7	21.1	16.1
9/14/2000	49.0	75.0	58.4	32.0	53.0	46.2	9.4	23.9	14.7	0.0	11.7	7.9
9/15/2000	57.0	70.0	63.2	35.0	63.0	51.8	13.9	21.1	17.3	1.7	17.2	11.0
9/16/2000	48.0	63.0	55.8	36.0	49.0	45.1	8.9	17.2	13.2	2.2	9.4	7.3
9/17/2000	40.0	72.0	53.3	27.0	44.0	36.6	4.4	22.2	11.8	-2.8	6.7	2.6
9/18/2000	46.0	74.0	58.2	26.0	57.0	47.0	7.8	23.3	14.6	-3.3	13.9	8.3
9/19/2000	57.0	69.0	62.8	54.0	61.0	57.2	13.9	20.6	17.1	12.2	16.1	14.0
9/20/2000	55.0	82.0	62.7	55.0	64.0	58.3	12.8	27.8	17.1	12.8	17.8	14.6
9/21/2000	61.0	77.0	68.5	45.0	62.0	52.6	16.1	25.0	20.3	7.2	16.7	11.4
9/22/2000	45.0	67.0	55.3	43.0	47.0	44.9	7.2	19.4	12.9	6.1	8.3	7.2
9/23/2000	50.0	66.0	59.6	47.0	63.0	54.2	10.0	18.9	15.3	8.3	17.2	12.3
9/24/2000	55.0	65.0	62.3	50.0	64.0	60.1	12.8	18.3	16.8	10.0	17.8	15.6
9/25/2000	45.0	56.0	50.6	41.0	50.0	45.2	7.2	13.3	10.3	5.0	10.0	7.3
9/26/2000	46.0	55.0	49.7	43.0	50.0	46.0	7.8	12.8	9.8	6.1	10.0	7.8

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 7 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
9/27/2000	44.0	69.0	50.6	43.0	52.0	45.9	6.7	20.6	10.3	6.1	11.1	7.7
9/28/2000	46.0	59.0	51.0	36.0	51.0	44.0	7.8	15.0	10.6	2.2	10.6	6.7
9/29/2000	33.0	60.0	43.0	29.0	43.0	33.8	0.6	15.6	6.1	-1.7	6.1	1.0
9/30/2000	35.0	66.0	43.8	33.0	51.0	39.0	1.7	18.9	6.6	0.6	10.6	3.9
10/1/2000	42.0	70.0	51.2	42.0	54.0	46.2	5.6	21.1	10.7	5.6	12.2	7.9
10/2/2000	47.0	71.0	54.7	46.0	57.0	51.0	8.3	21.7	12.6	7.8	13.9	10.6
10/3/2000	54.0	81.0	59.4	49.0	61.0	54.8	12.2	27.2	15.2	9.4	16.1	12.7
10/4/2000	47.0	66.0	56.2	46.0	59.0	51.5	8.3	18.9	13.4	7.8	15.0	10.8
10/5/2000	54.0	63.0	55.4	51.0	55.0	52.8	12.2	17.2	13.0	10.6	12.8	11.6
10/6/2000	56.0	65.0	60.0	45.0	61.0	56.3	13.3	18.3	15.6	7.2	16.1	13.5
10/7/2000	43.0	60.0	48.4	34.0	47.0	40.6	6.1	15.6	9.1	1.1	8.3	4.8
10/8/2000	35.0	50.0	40.7	26.0	36.0	32.7	1.7	10.0	4.8	-3.3	2.2	0.4
10/9/2000	30.0	48.0	38.8	25.0	34.0	29.9	-1.1	8.9	3.8	-3.9	1.1	-1.2
10/10/2000	37.0	54.0	42.7	28.0	39.0	33.4	2.8	12.2	5.9	-2.2	3.9	0.8
10/11/2000	34.0	68.0	47.4	32.0	43.0	37.1	1.1	20.0	8.6	0.0	6.1	2.8
10/12/2000	36.0	73.0	50.9	34.0	43.0	39.0	2.2	22.8	10.5	1.1	6.1	3.9
10/13/2000	35.0	75.0	51.5	34.0	45.0	38.8	1.7	23.9	10.8	1.1	7.2	3.8
10/14/2000	39.0	78.0	55.4	38.0	48.0	42.8	3.9	25.6	13.0	3.3	8.9	6.0
10/15/2000	46.0	72.0	56.8	43.0	55.0	47.2	7.8	22.2	13.8	6.1	12.8	8.4
10/16/2000	55.0	67.0	59.3	53.0	54.0	53.7	12.8	19.4	15.2	11.7	12.2	12.1
10/17/2000	53.0	59.0	55.6	51.0	54.0	52.5	11.7	15.0	13.1	10.6	12.2	11.4
10/18/2000	53.0	65.0	57.3	48.0	57.0	53.5	11.7	18.3	14.1	8.9	13.9	11.9
10/19/2000	44.0	65.0	52.4	33.0	51.0	41.6	6.7	18.3	11.3	0.6	10.6	5.3
10/20/2000	34.0	68.0	46.9	34.0	49.0	39.0	1.1	20.0	8.3	1.1	9.4	3.9
10/21/2000	43.0	76.0	51.6	41.0	52.0	46.0	6.1	24.4	10.9	5.0	11.1	7.8
10/22/2000	40.0	65.0	53.7	23.0	51.0	35.5	4.4	18.3	12.1	-5.0	10.6	1.9
10/23/2000	31.0	61.0	44.6	29.0	34.0	31.5	-0.6	16.1	7.0	-1.7	1.1	-0.3
10/24/2000	43.0	53.0	47.7	31.0	47.0	37.6	6.1	11.7	8.7	-0.6	8.3	3.1
10/25/2000	48.0	71.0	54.6	46.0	56.0	49.9	8.9	21.7	12.6	7.8	13.3	9.9
10/26/2000	46.0	70.0	54.4	46.0	56.0	49.9	7.8	21.1	12.4	7.8	13.3	9.9
10/27/2000	45.0	70.0	55.6	43.0	55.0	48.3	7.2	21.1	13.1	6.1	12.8	9.1
10/28/2000	43.0	58.0	52.1	22.0	57.0	44.0	6.1	14.4	11.2	-5.6	13.9	6.7
10/29/2000	35.0	53.0	42.4	11.0	25.0	20.9	1.7	11.7	5.8	-11.7	-3.9	-6.2
10/30/2000	36.0	55.0	44.1	18.0	29.0	25.2	2.2	12.8	6.7	-7.8	-1.7	-3.8
10/31/2000	36.0	58.0	44.9	25.0	31.0	28.0	2.2	14.4	7.2	-3.9	-0.6	-2.2
11/1/2000	34.0	60.0	45.5	28.0	36.0	31.7	1.1	15.6	7.5	-2.2	2.2	-0.2
11/2/2000	34.0	66.0	47.2	32.0	37.0	33.8	1.1	18.9	8.4	0.0	2.8	1.0
11/3/2000	35.0	58.0	45.0	31.0	43.0	34.6	1.7	14.4	7.2	-0.6	6.1	1.4
11/4/2000	37.0	58.0	46.9	35.0	44.0	38.9	2.8	14.4	8.3	1.7	6.7	3.8
11/5/2000	36.0	49.0	44.1	26.0	38.0	32.2	2.2	9.4	6.7	-3.3	3.3	0.1
11/6/2000	28.0	54.0	38.9	26.0	31.0	27.8	-2.2	12.2	3.8	-3.3	-0.6	-2.3
11/7/2000	28.0	56.0	38.3	25.0	37.0	30.0	-2.2	13.3	3.5	-3.9	2.8	-1.1
11/8/2000	41.0	62.0	49.1	35.0	47.0	38.2	5.0	16.7	9.5	1.7	8.3	3.4
11/9/2000	51.0	58.0	54.5	46.0	55.0	51.4	10.6	14.4	12.5	7.8	12.8	10.8
11/10/2000	48.0	57.0	53.5	45.0	56.0	50.9	8.9	13.9	11.9	7.2	13.3	10.5

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 8 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
11/11/2000	45.0	50.0	47.8	36.0	47.0	41.0	7.2	10.0	8.8	2.2	8.3	5.0
11/12/2000	41.0	45.0	43.3	35.0	38.0	36.0	5.0	7.2	6.3	1.7	3.3	2.2
11/13/2000	39.0	48.0	41.5	35.0	41.0	37.7	3.9	8.9	5.3	1.7	5.0	3.2
11/14/2000	37.0	52.0	47.2	22.0	45.0	40.0	2.8	11.1	8.4	-5.6	7.2	4.4
11/15/2000	33.0	40.0	37.2	24.0	29.0	27.4	0.6	4.4	2.9	-4.4	-1.7	-2.6
11/16/2000	26.0	43.0	35.4	23.0	28.0	25.9	-3.3	6.1	1.9	-5.0	-2.2	-3.4
11/17/2000	31.0	43.0	38.9	27.0	30.0	28.6	-0.6	6.1	3.8	-2.8	-1.1	-1.9
11/18/2000	33.0	39.0	36.4	21.0	32.0	27.9	0.6	3.9	2.4	-6.1	0.0	-2.3
11/19/2000	25.0	39.0	33.1	17.0	23.0	19.8	-3.9	3.9	0.6	-8.3	-5.0	-6.8
11/20/2000	21.0	36.0	28.7	15.0	31.0	23.8	-6.1	2.2	-1.8	-9.4	-0.6	-4.6
11/21/2000	28.0	34.0	31.3	15.0	21.0	18.8	-2.2	1.1	-0.4	-9.4	-6.1	-7.3
11/22/2000	23.0	29.0	25.8	12.0	25.0	16.6	-5.0	-1.7	-3.4	-11.1	-3.9	-8.6
11/23/2000	19.0	31.0	24.6	5.0	21.0	10.8	-7.2	-0.6	-4.1	-15.0	-6.1	-11.8
11/24/2000	17.0	36.0	24.1	9.0	16.0	11.4	-8.3	2.2	-4.4	-12.8	-8.9	-11.4
11/25/2000	22.0	38.0	29.1	14.0	20.0	16.8	-5.6	3.3	-1.6	-10.0	-6.7	-8.4
11/26/2000	34.0	49.0	44.4	20.0	48.0	42.3	1.1	9.4	6.9	-6.7	8.9	5.7
11/27/2000	42.0	47.0	43.9	37.0	43.0	40.2	5.6	8.3	6.6	2.8	6.1	4.6
11/28/2000	39.0	45.0	43.3	30.0	38.0	35.3	3.9	7.2	6.3	-1.1	3.3	1.8
11/29/2000	36.0	45.0	39.5	28.0	36.0	31.4	2.2	7.2	4.2	-2.2	2.2	-0.3
11/30/2000	37.0	40.0	37.6	22.0	36.0	32.3	2.8	4.4	3.1	-5.6	2.2	0.2
12/1/2000	30.0	39.0	34.0	18.0	26.0	22.1	-1.1	3.9	1.1	-7.8	-3.3	-5.5
12/2/2000	19.0	33.0	26.8	10.0	18.0	15.0	-7.2	0.6	-2.9	-12.2	-7.8	-9.4
12/3/2000	15.0	34.0	22.1	10.0	21.0	14.3	-9.4	1.1	-5.5	-12.2	-6.1	-9.8
12/4/2000	12.0	35.0	22.0	9.0	21.0	15.0	-11.1	1.7	-5.6	-12.8	-6.1	-9.4
12/5/2000	23.0	41.0	30.3	10.0	30.0	21.5	-5.0	5.0	-0.9	-12.2	-1.1	-5.8
12/6/2000	22.0	29.0	24.5	7.0	14.0	9.0	-5.6	-1.7	-4.2	-13.9	-10.0	-12.8
12/7/2000	19.0	30.0	24.1	8.0	16.0	12.6	-7.2	-1.1	-4.4	-13.3	-8.9	-10.8
12/8/2000	24.0	30.0	26.3	12.0	27.0	21.4	-4.4	-1.1	-3.2	-11.1	-2.8	-5.9
12/9/2000	15.0	31.0	26.1	12.0	27.0	19.2	-9.4	-0.6	-3.3	-11.1	-2.8	-7.1
12/10/2000	12.0	34.0	22.0	9.0	27.0	16.4	-11.1	1.1	-5.6	-12.8	-2.8	-8.7
12/11/2000	31.0	37.0	33.8	27.0	32.0	29.2	-0.6	2.8	1.0	-2.8	0.0	-1.6
12/12/2000	27.0	44.0	36.7	7.0	37.0	26.1	-2.8	6.7	2.6	-13.9	2.8	-3.3
12/13/2000	12.0	27.0	21.1	7.0	16.0	10.1	-11.1	-2.8	-6.1	-13.9	-8.9	-12.2
12/14/2000	25.0	36.0	29.3	6.0	32.0	24.7	-3.9	2.2	-1.5	-14.4	0.0	-4.1
12/15/2000	26.0	36.0	32.1	17.0	30.0	21.3	-3.3	2.2	0.1	-8.3	-1.1	-5.9
12/16/2000	26.0	39.0	34.1	19.0	32.0	27.9	-3.3	3.9	1.2	-7.2	0.0	-2.3
12/17/2000	32.0	51.0	42.9	18.0	49.0	38.3	0.0	10.6	6.1	-7.8	9.4	3.5
12/18/2000	19.0	32.0	23.3	7.0	18.0	11.5	-7.2	0.0	-4.8	-13.9	-7.8	-11.4
12/19/2000	17.0	27.0	23.1	9.0	25.0	18.1	-8.3	-2.8	-4.9	-12.8	-3.9	-7.7
12/20/2000	16.0	27.0	22.3	6.0	25.0	15.8	-8.9	-2.8	-5.4	-14.4	-3.9	-9.0
12/21/2000	10.0	27.0	16.6	7.0	14.0	10.6	-12.2	-2.8	-8.6	-13.9	-10.0	-11.9
12/22/2000	10.0	27.0	21.7	-5.0	21.0	12.9	-12.2	-2.8	-5.7	-20.6	-6.1	-10.6
12/23/2000	7.0	24.0	12.0	-6.0	10.0	1.5	-13.9	-4.4	-11.1	-21.1	-12.2	-16.9
12/24/2000	12.0	29.0	19.3	6.0	15.0	10.1	-11.1	-1.7	-7.1	-14.4	-9.4	-12.2
12/25/2000	13.0	25.0	17.8	-2.0	11.0	2.9	-10.6	-3.9	-7.9	-18.9	-11.7	-16.2

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 9 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
12/26/2000	12.0	25.0	18.2	-2.0	10.0	6.0	-11.1	-3.9	-7.7	-18.9	-12.2	-14.4
12/27/2000	16.0	28.0	21.2	1.0	16.0	10.7	-8.9	-2.2	-6.0	-17.2	-8.9	-11.8
12/28/2000	13.0	25.0	20.1	0.0	18.0	8.9	-10.6	-3.9	-6.6	-17.8	-7.8	-12.8
12/29/2000	9.0	23.0	16.0	3.0	13.0	7.9	-12.8	-5.0	-8.9	-16.1	-10.6	-13.4
12/30/2000	14.0	29.0	21.9	9.0	18.0	14.0	-10.0	-1.7	-5.6	-12.8	-7.8	-10.0
12/31/2000	21.0	29.0	21.9	9.0	19.0	14.0	-6.1	-1.7	-5.6	-12.8	-7.2	-10.0
1/1/2001	17.0	33.0	26.0	9.0	15.0	12.7	-8.3	0.6	-3.3	-12.8	-9.4	-10.7
1/2/2001	15.0	28.0	21.3	4.0	12.0	9.0	-9.4	-2.2	-5.9	-15.6	-11.1	-12.8
1/3/2001	12.0	29.0	22.0	6.0	14.0	10.5	-11.1	-1.7	-5.6	-14.4	-10.0	-11.9
1/4/2001	26.0	33.0	28.0	9.0	19.0	16.1	-3.3	0.6	-2.2	-12.8	-7.2	-8.8
1/5/2001	16.0	28.0	24.0	11.0	25.0	18.5	-8.9	-2.2	-4.4	-11.7	-3.9	-7.5
1/6/2001	21.0	34.0	28.0	17.0	25.0	22.5	-6.1	1.1	-2.2	-8.3	-3.9	-5.3
1/7/2001	21.0	35.0	27.8	18.0	27.0	21.9	-6.1	1.7	-2.3	-7.8	-2.8	-5.6
1/8/2001	25.0	34.0	30.1	23.0	32.0	27.1	-3.9	1.1	-1.1	-5.0	0.0	-2.7
1/9/2001	19.0	34.0	26.8	8.0	25.0	14.5	-7.2	1.1	-2.9	-13.3	-3.9	-9.7
1/10/2001	22.0	34.0	27.8	7.0	21.0	16.4	-5.6	1.1	-2.3	-13.9	-6.1	-8.7
1/11/2001	25.0	43.0	34.4	17.0	25.0	20.0	-3.9	6.1	1.3	-8.3	-3.9	-6.7
1/12/2001	18.0	38.0	26.5	16.0	25.0	20.9	-7.8	3.3	-3.1	-8.9	-3.9	-6.2
1/13/2001	18.0	37.0	24.9	16.0	23.0	19.6	-7.8	2.8	-3.9	-8.9	-5.0	-6.9
1/14/2001	19.0	37.0	25.5	17.0	27.0	21.1	-7.2	2.8	-3.6	-8.3	-2.8	-6.1
1/15/2001	32.0	37.0	34.7	25.0	32.0	29.7	0.0	2.8	1.5	-3.9	0.0	-1.3
1/16/2001	33.0	40.0	35.9	28.0	34.0	31.6	0.6	4.4	2.2	-2.2	1.1	-0.2
1/17/2001	35.0	37.0	35.9	24.0	29.0	26.6	1.7	2.8	2.2	-4.4	-1.7	-3.0
1/18/2001	30.0	36.0	32.7	22.0	29.0	25.6	-1.1	2.2	0.4	-5.6	-1.7	-3.6
1/19/2001	32.0	34.0	33.5	28.0	34.0	31.9	0.0	1.1	0.8	-2.2	1.1	-0.1
1/20/2001	27.0	36.0	31.3	19.0	34.0	24.4	-2.8	2.2	-0.4	-7.2	1.1	-4.2
1/21/2001	19.0	30.0	22.1	6.0	21.0	14.9	-7.2	-1.1	-5.5	-14.4	-6.1	-9.5
1/22/2001	11.0	31.0	21.3	8.0	17.0	12.2	-11.7	-0.6	-5.9	-13.3	-8.3	-11.0
1/23/2001	7.0	28.0	14.4	3.0	18.0	10.6	-13.9	-2.2	-9.8	-16.1	-7.8	-11.9
1/24/2001	16.0	40.0	24.5	14.0	25.0	18.9	-8.9	4.4	-4.2	-10.0	-3.9	-7.3
1/25/2001	27.0	36.0	30.9	7.0	24.0	17.2	-2.8	2.2	-0.6	-13.9	-4.4	-8.2
1/26/2001	12.0	30.0	20.5	4.0	16.0	10.9	-11.1	-1.1	-6.4	-15.6	-8.9	-11.7
1/27/2001	27.0	36.0	29.6	14.0	29.0	22.3	-2.8	2.2	-1.3	-10.0	-1.7	-5.4
1/28/2001	22.0	32.0	28.3	12.0	24.0	15.5	-5.6	0.0	-2.1	-11.1	-4.4	-9.2
1/29/2001	14.0	33.0	23.5	11.0	20.0	15.4	-10.0	0.6	-4.7	-11.7	-6.7	-9.2
1/30/2001	30.0	37.0	34.2	18.0	32.0	28.1	-1.1	2.8	1.2	-7.8	0.0	-2.2
1/31/2001	33.0	40.0	35.2	30.0	36.0	32.4	0.6	4.4	1.8	-1.1	2.2	0.2
2/1/2001	34.0	41.0	37.8	28.0	32.0	30.5	1.1	5.0	3.2	-2.2	0.0	-0.8
2/2/2001	28.0	40.0	36.3	9.0	30.0	25.9	-2.2	4.4	2.4	-12.8	-1.1	-3.4
2/3/2001	19.0	29.0	24.5	6.0	15.0	10.3	-7.2	-1.7	-4.2	-14.4	-9.4	-12.1
2/4/2001	19.0	37.0	27.6	10.0	19.0	14.6	-7.2	2.8	-2.4	-12.2	-7.2	-9.7
2/5/2001	30.0	36.0	32.0	18.0	31.0	27.0	-1.1	2.2	0.0	-7.8	-0.6	-2.8
2/6/2001	33.0	41.0	36.8	25.0	34.0	29.8	0.6	5.0	2.7	-3.9	1.1	-1.2
2/7/2001	34.0	42.0	36.8	20.0	34.0	27.0	1.1	5.6	2.7	-6.7	1.1	-2.8
2/8/2001	25.0	41.0	32.2	20.0	27.0	23.0	-3.9	5.0	0.1	-6.7	-2.8	-5.0

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 10 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
2/9/2001	36.0	49.0	40.9	27.0	39.0	33.3	2.2	9.4	4.9	-2.8	3.9	0.7
2/10/2001	28.0	58.0	43.4	7.0	45.0	26.1	-2.2	14.4	6.3	-13.9	7.2	-3.3
2/11/2001	21.0	31.0	25.0	3.0	8.0	4.3	-6.1	-0.6	-3.9	-16.1	-13.3	-15.4
2/12/2001	15.0	35.0	23.1	0.0	12.0	4.6	-9.4	1.7	-4.9	-17.8	-11.1	-15.2
2/13/2001	32.0	49.0	37.0	12.0	28.0	23.5	0.0	9.4	2.8	-11.1	-2.2	-4.7
2/14/2001	29.0	45.0	39.7	25.0	43.0	35.0	-1.7	7.2	4.3	-3.9	6.1	1.7
2/15/2001	36.0	45.0	39.9	23.0	43.0	34.9	2.2	7.2	4.4	-5.0	6.1	1.6
2/16/2001	29.0	37.0	33.9	25.0	36.0	31.1	-1.7	2.8	1.1	-3.9	2.2	-0.5
2/17/2001	21.0	36.0	32.0	1.0	36.0	23.3	-6.1	2.2	0.0	-17.2	2.2	-4.8
2/18/2001	17.0	32.0	22.6	0.0	10.0	4.6	-8.3	0.0	-5.2	-17.8	-12.2	-15.2
2/19/2001	14.0	41.0	26.1	6.0	16.0	10.8	-10.0	5.0	-3.3	-14.4	-8.9	-11.8
2/20/2001	30.0	57.0	41.0	15.0	32.0	24.8	-1.1	13.9	5.0	-9.4	0.0	-4.0
2/21/2001	23.0	50.0	35.9	-2.0	38.0	17.2	-5.0	10.0	2.2	-18.9	3.3	-8.2
2/22/2001	12.0	23.0	17.8	0.0	16.0	9.1	-11.1	-5.0	-7.9	-17.8	-8.9	-12.7
2/23/2001	18.0	37.0	22.8	13.0	22.0	16.3	-7.8	2.8	-5.1	-10.6	-5.6	-8.7
2/24/2001	19.0	32.0	26.4	9.0	18.0	12.6	-7.2	0.0	-3.1	-12.8	-7.8	-10.8
2/25/2001	30.0	43.0	34.6	14.0	32.0	26.3	-1.1	6.1	1.4	-10.0	0.0	-3.2
2/26/2001	36.0	45.0	39.9	21.0	38.0	28.4	2.2	7.2	4.4	-6.1	3.3	-2.0
2/27/2001	22.0	47.0	32.5	19.0	27.0	22.5	-5.6	8.3	0.3	-7.2	-2.8	-5.3
2/28/2001	23.0	40.0	31.3	2.0	20.0	9.1	-5.0	4.4	-0.4	-16.7	-6.7	-12.7
3/1/2001	21.0	37.0	29.1	2.0	13.0	8.8	-6.1	2.8	-1.6	-16.7	-10.6	-12.9
3/2/2001	28.0	39.0	32.1	14.0	32.0	27.7	-2.2	3.9	0.1	-10.0	0.0	-2.4
3/3/2001	33.0	45.0	37.5	24.0	35.0	31.6	0.6	7.2	3.1	-4.4	1.7	-0.2
3/4/2001	27.0	37.0	31.9	23.0	32.0	28.1	-2.8	2.8	-0.1	-5.0	0.0	-2.2
3/5/2001	27.0	32.0	28.4	20.0	30.0	26.2	-2.8	0.0	-2.0	-6.7	-1.1	-3.2
3/6/2001	19.0	36.0	24.5	8.0	25.0	16.9	-7.2	2.2	-4.2	-13.3	-3.9	-8.4
3/7/2001	30.0	43.0	35.6	20.0	25.0	22.2	-1.1	6.1	2.0	-6.7	-3.9	-5.4
3/8/2001	30.0	41.0	35.3	19.0	27.0	23.2	-1.1	5.0	1.8	-7.2	-2.8	-4.9
3/9/2001	30.0	40.0	34.1	24.0	32.0	29.0	-1.1	4.4	1.2	-4.4	0.0	-1.7
3/10/2001	28.0	42.0	33.0	18.0	27.0	20.4	-2.2	5.6	0.6	-7.8	-2.8	-6.4
3/11/2001	22.0	44.0	32.1	18.0	31.0	22.2	-5.6	6.7	0.1	-7.8	-0.6	-5.4
3/12/2001	21.0	48.0	33.9	14.0	21.0	17.1	-6.1	8.9	1.1	-10.0	-6.1	-8.3
3/13/2001	34.0	45.0	38.0	18.0	40.0	33.7	1.1	7.2	3.3	-7.8	4.4	0.9
3/14/2001	37.0	46.0	40.7	22.0	37.0	29.2	2.8	7.8	4.8	-5.6	2.8	-1.6
3/15/2001	25.0	46.0	34.6	23.0	32.0	26.5	-3.9	7.8	1.4	-5.0	0.0	-3.1
3/16/2001	27.0	44.0	36.2	25.0	39.0	31.2	-2.8	6.7	2.3	-3.9	3.9	-0.4
3/17/2001	37.0	43.0	39.7	32.0	41.0	38.0	2.8	6.1	4.3	0.0	5.0	3.3
3/18/2001	30.0	46.0	36.3	12.0	34.0	21.6	-1.1	7.8	2.4	-11.1	1.1	-5.8
3/19/2001	26.0	51.0	37.4	10.0	21.0	16.1	-3.3	10.6	3.0	-12.2	-6.1	-8.8
3/20/2001	24.0	53.0	37.4	11.0	24.0	19.3	-4.4	11.7	3.0	-11.7	-4.4	-7.1
3/21/2001	36.0	49.0	40.6	20.0	40.0	31.6	2.2	9.4	4.8	-6.7	4.4	-0.2
3/22/2001	37.0	43.0	39.8	29.0	36.0	33.1	2.8	6.1	4.3	-1.7	2.2	0.6
3/23/2001	35.0	55.0	44.1	14.0	31.0	23.6	1.7	12.8	6.7	-10.0	-0.6	-4.7
3/24/2001	29.0	49.0	40.1	10.0	34.0	23.6	-1.7	9.4	4.5	-12.2	1.1	-4.7
3/25/2001	27.0	37.0	31.3	10.0	19.0	13.7	-2.8	2.8	-0.4	-12.2	-7.2	-10.2

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 11 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
3/26/2001	23.0	33.0	27.9	2.0	22.0	15.3	-5.0	0.6	-2.3	-16.7	-5.6	-9.3
3/27/2001	16.0	38.0	27.0	0.0	15.0	9.4	-8.9	3.3	-2.8	-17.8	-9.4	-12.6
3/28/2001	24.0	48.0	34.1	14.0	20.0	17.3	-4.4	8.9	1.2	-10.0	-6.7	-8.2
3/29/2001	29.0	45.0	37.6	18.0	38.0	27.8	-1.7	7.2	3.1	-7.8	3.3	-2.3
3/30/2001	34.0	44.0	37.8	34.0	39.0	36.2	1.1	6.7	3.2	1.1	3.9	2.3
3/31/2001	36.0	45.0	39.7	30.0	34.0	31.7	2.2	7.2	4.3	-1.1	1.1	-0.2
4/1/2001	33.0	45.0	38.5	30.0	34.0	32.3	0.6	7.2	3.6	-1.1	1.1	0.2
4/2/2001	36.0	48.0	40.4	28.0	36.0	31.7	2.2	8.9	4.7	-2.2	2.2	-0.2
4/3/2001	25.0	50.0	37.2	24.0	37.0	30.1	-3.9	10.0	2.9	-4.4	2.8	-1.1
4/4/2001	30.0	57.0	38.4	21.0	37.0	30.8	-1.1	13.9	3.6	-6.1	2.8	-0.7
4/5/2001	27.0	63.0	45.7	19.0	29.0	23.9	-2.8	17.2	7.6	-7.2	-1.7	-4.5
4/6/2001	44.0	54.0	47.2	27.0	48.0	40.1	6.7	12.2	8.4	-2.8	8.9	4.5
4/7/2001	46.0	54.0	48.6	45.0	49.0	46.7	7.8	12.2	9.2	7.2	9.4	8.2
4/8/2001	42.0	55.0	46.6	39.0	47.0	43.0	5.6	12.8	8.1	3.9	8.3	6.1
4/9/2001	39.0	77.0	52.1	39.0	63.0	48.2	3.9	25.0	11.2	3.9	17.2	9.0
4/10/2001	45.0	63.0	53.0	37.0	62.0	43.2	7.2	17.2	11.7	2.8	16.7	6.2
4/11/2001	50.0	58.0	52.5	45.0	52.0	47.8	10.0	14.4	11.4	7.2	11.1	8.8
4/12/2001	48.0	61.0	52.1	48.0	57.0	50.6	8.9	16.1	11.2	8.9	13.9	10.3
4/13/2001	50.0	71.0	58.2	29.0	58.0	47.9	10.0	21.7	14.6	-1.7	14.4	8.8
4/14/2001	39.0	68.0	53.9	26.0	36.0	31.4	3.9	20.0	12.2	-3.3	2.2	-0.3
4/15/2001	39.0	64.0	53.3	34.0	40.0	36.6	3.9	17.8	11.8	1.1	4.4	2.6
4/16/2001	44.0	58.0	48.0	37.0	49.0	43.8	6.7	14.4	8.9	2.8	9.4	6.6
4/17/2001	38.0	49.0	41.3	28.0	39.0	34.5	3.3	9.4	5.2	-2.2	3.9	1.4
4/18/2001	34.0	45.0	40.0	14.0	33.0	20.3	1.1	7.2	4.4	-10.0	0.6	-6.5
4/19/2001	24.0	56.0	38.4	15.0	27.0	21.4	-4.4	13.3	3.6	-9.4	-2.8	-5.9
4/20/2001	31.0	57.0	43.7	23.0	47.0	31.0	-0.6	13.9	6.5	-5.0	8.3	-0.6
4/21/2001	46.0	64.0	49.8	46.0	54.0	47.2	7.8	17.8	9.9	7.8	12.2	8.4
4/22/2001	49.0	82.0	62.8	48.0	61.0	54.3	9.4	27.8	17.1	8.9	16.1	12.4
4/23/2001	53.0	86.0	70.6	50.0	63.0	57.4	11.7	30.0	21.4	10.0	17.2	14.1
4/24/2001	54.0	83.0	68.5	34.0	59.0	52.2	12.2	28.3	20.3	1.1	15.0	11.2
4/25/2001	41.0	59.0	48.8	25.0	33.0	28.4	5.0	15.0	9.3	-3.9	0.6	-2.0
4/26/2001	33.0	64.0	48.7	21.0	32.0	27.5	0.6	17.8	9.3	-6.1	0.0	-2.5
4/27/2001	37.0	73.0	54.0	21.0	46.0	35.5	2.8	22.8	12.2	-6.1	7.8	1.9
4/28/2001	42.0	67.0	53.3	16.0	43.0	25.8	5.6	19.4	11.8	-8.9	6.1	-3.4
4/29/2001	30.0	66.0	47.7	15.0	30.0	24.0	-1.1	18.9	8.7	-9.4	-1.1	-4.4
4/30/2001	35.0	78.0	55.0	28.0	38.0	32.5	1.7	25.6	12.8	-2.2	3.3	0.3
5/1/2001	45.0	85.0	63.9	36.0	47.0	41.9	7.2	29.4	17.7	2.2	8.3	5.5
5/2/2001	50.0	87.0	68.8	43.0	63.0	49.5	10.0	30.6	20.4	6.1	17.2	9.7
5/3/2001	54.0	91.0	70.9	53.0	61.0	55.2	12.2	32.8	21.6	11.7	16.1	12.9
5/4/2001	56.0	90.0	73.3	54.0	63.0	57.2	13.3	32.2	22.9	12.2	17.2	14.0
5/5/2001	56.0	80.0	64.9	21.0	67.0	46.4	13.3	26.7	18.3	-6.1	19.4	8.0
5/6/2001	39.0	70.0	55.5	22.0	37.0	33.2	3.9	21.1	13.1	-5.6	2.8	0.7
5/7/2001	44.0	69.0	57.6	27.0	38.0	34.5	6.7	20.6	14.2	-2.8	3.3	1.4
5/8/2001	48.0	68.0	57.1	32.0	50.0	44.1	8.9	20.0	13.9	0.0	10.0	6.7
5/9/2001	57.0	79.0	62.3	41.0	58.0	54.0	13.9	26.1	16.8	5.0	14.4	12.2

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 12 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
5/10/2001	48.0	82.0	65.7	45.0	52.0	48.3	8.9	27.8	18.7	7.2	11.1	9.1
5/11/2001	49.0	85.0	66.4	48.0	55.0	51.6	9.4	29.4	19.1	8.9	12.8	10.9
5/12/2001	57.0	76.0	65.8	46.0	64.0	59.3	13.9	24.4	18.8	7.8	17.8	15.2
5/13/2001	49.0	65.0	56.2	27.0	46.0	36.4	9.4	18.3	13.4	-2.8	7.8	2.4
5/14/2001	36.0	62.0	49.7	28.0	47.0	37.5	2.2	16.7	9.8	-2.2	8.3	3.1
5/15/2001	42.0	73.0	52.6	30.0	46.0	40.8	5.6	22.8	11.4	-1.1	7.8	4.9
5/16/2001	40.0	72.0	56.1	26.0	45.0	37.2	4.4	22.2	13.4	-3.3	7.2	2.9
5/17/2001	53.0	66.0	56.2	44.0	54.0	47.5	11.7	18.9	13.4	6.7	12.2	8.6
5/18/2001	54.0	63.0	58.0	52.0	58.0	54.6	12.2	17.2	14.4	11.1	14.4	12.6
5/19/2001	57.0	80.0	63.5	48.0	58.0	55.5	13.9	26.7	17.5	8.9	14.4	13.1
5/20/2001	49.0	74.0	61.0	48.0	57.0	52.9	9.4	23.3	16.1	8.9	13.9	11.6
5/21/2001	52.0	63.0	56.1	50.0	55.0	52.6	11.1	17.2	13.4	10.0	12.8	11.4
5/22/2001	55.0	68.0	59.9	55.0	64.0	58.3	12.8	20.0	15.5	12.8	17.8	14.6
5/23/2001	53.0	73.0	62.9	42.0	63.0	51.6	11.7	22.8	17.2	5.6	17.2	10.9
5/24/2001	49.0	76.0	59.7	49.0	57.0	52.2	9.4	24.4	15.4	9.4	13.9	11.2
5/25/2001	60.0	71.0	64.4	52.0	57.0	55.1	15.6	21.7	18.0	11.1	13.9	12.8
5/26/2001	57.0	64.0	60.5	55.0	59.0	57.1	13.9	17.8	15.8	12.8	15.0	13.9
5/27/2001	59.0	67.0	61.0	54.0	59.0	56.1	15.0	19.4	16.1	12.2	15.0	13.4
5/28/2001	52.0	65.0	56.3	48.0	55.0	52.0	11.1	18.3	13.5	8.9	12.8	11.1
5/29/2001	49.0	71.0	59.1	45.0	56.0	50.6	9.4	21.7	15.1	7.2	13.3	10.3
5/30/2001	50.0	66.0	57.9	27.0	47.0	38.2	10.0	18.9	14.4	-2.8	8.3	3.4
5/31/2001	43.0	71.0	55.6	29.0	32.0	31.6	6.1	21.7	13.1	-1.7	0.0	-0.2
6/1/2001	41.0	66.0	53.1	31.0	54.0	42.7	5.0	18.9	11.7	-0.6	12.2	5.9
6/2/2001	54.0	71.0	60.2	48.0	57.0	51.5	12.2	21.7	15.7	8.9	13.9	10.8
6/3/2001	55.0	67.0	59.3	45.0	57.0	52.6	12.8	19.4	15.2	7.2	13.9	11.4
6/4/2001	55.0	71.0	62.4	47.0	52.0	49.4	12.8	21.7	16.9	8.3	11.1	9.7
6/5/2001	48.0	76.0	61.3	47.0	54.0	50.8	8.9	24.4	16.3	8.3	12.2	10.4
6/6/2001	60.0	73.0	66.0	51.0	56.0	54.0	15.6	22.8	18.9	10.6	13.3	12.2
6/7/2001	55.0	77.0	66.5	46.0	57.0	50.7	12.8	25.0	19.2	7.8	13.9	10.4
6/8/2001	49.0	79.0	64.7	41.0	53.0	46.9	9.4	26.1	18.2	5.0	11.7	8.3
6/9/2001	48.0	79.0	64.3	41.0	50.0	45.9	8.9	26.1	17.9	5.0	10.0	7.7
6/10/2001	48.0	80.0	62.8	45.0	56.0	50.3	8.9	26.7	17.1	7.2	13.3	10.2
6/11/2001	61.0	81.0	70.1	56.0	64.0	60.1	16.1	27.2	21.2	13.3	17.8	15.6
6/12/2001	55.0	85.0	66.9	55.0	68.0	60.5	12.8	29.4	19.4	12.8	20.0	15.8
6/13/2001	64.0	87.0	70.5	61.0	70.0	65.0	17.8	30.6	21.4	16.1	21.1	18.3
6/14/2001	63.0	90.0	76.3	61.0	70.0	65.5	17.2	32.2	24.6	16.1	21.1	18.6
6/15/2001	70.0	83.0	76.7	65.0	70.0	67.5	21.1	28.3	24.8	18.3	21.1	19.7
6/16/2001	70.0	84.0	75.4	32.0	70.0	46.7	21.1	28.9	24.1	0.0	21.1	8.2
6/17/2001	64.0	86.0	72.3	32.0	65.0	57.8	17.8	30.0	22.4	0.0	18.3	14.3
6/18/2001	59.0	84.0	71.5	54.0	61.0	57.8	15.0	28.9	21.9	12.2	16.1	14.3
6/19/2001	61.0	90.0	74.3	59.0	65.0	61.7	16.1	32.2	23.5	15.0	18.3	16.5
6/20/2001	62.0	88.0	73.4	59.0	68.0	63.8	16.7	31.1	23.0	15.0	20.0	17.7
6/21/2001	66.0	80.0	69.1	64.0	67.0	65.8	18.9	26.7	20.6	17.8	19.4	18.8
6/22/2001	64.0	80.0	71.3	64.0	70.0	66.4	17.8	26.7	21.8	17.8	21.1	19.1
6/23/2001	63.0	70.0	66.8	57.0	68.0	64.6	17.2	21.1	19.3	13.9	20.0	18.1

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 13 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
6/24/2001	55.0	78.0	63.1	55.0	61.0	56.5	12.8	25.6	17.3	12.8	16.1	13.6
6/25/2001	55.0	83.0	67.9	55.0	65.0	58.8	12.8	28.3	19.9	12.8	18.3	14.9
6/26/2001	59.0	85.0	71.2	55.0	63.0	59.9	15.0	29.4	21.8	12.8	17.2	15.5
6/27/2001	62.0	88.0	74.3	60.0	69.0	63.7	16.7	31.1	23.5	15.6	20.6	17.6
6/28/2001	64.0	89.0	75.1	62.0	71.0	66.0	17.8	31.7	23.9	16.7	21.7	18.9
6/29/2001	65.0	89.0	75.9	63.0	71.0	66.2	18.3	31.7	24.4	17.2	21.7	19.0
6/30/2001	66.0	86.0	75.4	64.0	70.0	67.8	18.9	30.0	24.1	17.8	21.1	19.9
7/1/2001	66.0	87.0	72.9	63.0	70.0	67.3	18.9	30.6	22.7	17.2	21.1	19.6
7/2/2001	52.0	71.0	61.1	39.0	68.0	44.8	11.1	21.7	16.2	3.9	20.0	7.1
7/3/2001	48.0	75.0	60.5	45.0	61.0	50.8	8.9	23.9	15.8	7.2	16.1	10.4
7/4/2001	61.0	79.0	70.3	60.0	70.0	64.2	16.1	26.1	21.3	15.6	21.1	17.9
7/5/2001	64.0	81.0	68.0	57.0	68.0	63.3	17.8	27.2	20.0	13.9	20.0	17.4
7/6/2001	53.0	76.0	63.8	47.0	64.0	54.4	11.7	24.4	17.7	8.3	17.8	12.4
7/7/2001	51.0	80.0	64.5	48.0	57.0	52.8	10.6	26.7	18.1	8.9	13.9	11.6
7/8/2001	64.0	80.0	69.5	54.0	73.0	64.4	17.8	26.7	20.8	12.2	22.8	18.0
7/9/2001	60.0	88.0	72.9	59.0	73.0	63.1	15.6	31.1	22.7	15.0	22.8	17.3
7/10/2001	61.0	83.0	71.5	60.0	67.0	64.1	16.1	28.3	21.9	15.6	19.4	17.8
7/11/2001	61.0	78.0	67.0	52.0	67.0	60.8	16.1	25.6	19.4	11.1	19.4	16.0
7/12/2001	57.0	77.0	66.3	49.0	55.0	53.3	13.9	25.0	19.1	9.4	12.8	11.8
7/13/2001	51.0	72.0	63.0	50.0	63.0	54.3	10.6	22.2	17.2	10.0	17.2	12.4
7/14/2001	56.0	77.0	66.0	53.0	63.0	56.3	13.3	25.0	18.9	11.7	17.2	13.5
7/15/2001	55.0	81.0	67.5	53.0	63.0	56.9	12.8	27.2	19.7	11.7	17.2	13.8
7/16/2001	59.0	79.0	68.8	57.0	67.0	61.6	15.0	26.1	20.4	13.9	19.4	16.4
7/17/2001	64.0	84.0	70.4	64.0	67.0	65.2	17.8	28.9	21.3	17.8	19.4	18.4
7/18/2001	66.0	82.0	69.8	64.0	68.0	65.6	18.9	27.8	21.0	17.8	20.0	18.7
7/19/2001	63.0	82.0	70.2	60.0	69.0	64.3	17.2	27.8	21.2	15.6	20.6	17.9
7/20/2001	63.0	82.0	72.6	54.0	68.0	62.1	17.2	27.8	22.6	12.2	20.0	16.7
7/21/2001	55.0	84.0	69.5	52.0	62.0	56.0	12.8	28.9	20.8	11.1	16.7	13.3
7/22/2001	55.0	85.0	69.7	54.0	62.0	58.0	12.8	29.4	20.9	12.2	16.7	14.4
7/23/2001	61.0	90.0	75.7	59.0	68.0	63.3	16.1	32.2	24.3	15.0	20.0	17.4
7/24/2001	67.0	96.0	80.5	64.0	72.0	67.0	19.4	35.6	26.9	17.8	22.2	19.4
7/25/2001	70.0	90.0	76.1	69.0	74.0	71.0	21.1	32.2	24.5	20.6	23.3	21.7
7/26/2001	66.0	77.0	70.7	48.0	72.0	64.3	18.9	25.0	21.5	8.9	22.2	17.9
7/27/2001	49.0	77.0	63.6	45.0	50.0	47.1	9.4	25.0	17.6	7.2	10.0	8.4
7/28/2001	53.0	81.0	65.9	49.0	57.0	53.3	11.7	27.2	18.8	9.4	13.9	11.8
7/29/2001	64.0	75.0	68.6	54.0	59.0	56.5	17.8	23.9	20.3	12.2	15.0	13.6
7/30/2001	63.0	75.0	68.0	57.0	64.0	60.5	17.2	23.9	20.0	13.9	17.8	15.8
7/31/2001	64.0	85.0	72.5	60.0	65.0	63.0	17.8	29.4	22.5	15.6	18.3	17.2
8/1/2001	60.0	87.0	73.0	59.0	65.0	61.4	15.6	30.6	22.8	15.0	18.3	16.3
8/2/2001	63.0	92.0	75.2	61.0	66.0	62.8	17.2	33.3	24.0	16.1	18.9	17.1
8/3/2001	68.0	86.0	76.8	58.0	71.0	65.6	20.0	30.0	24.9	14.4	21.7	18.7
8/4/2001	72.0	88.0	76.0	66.0	72.0	70.2	22.2	31.1	24.4	18.9	22.2	21.2
8/5/2001	66.0	90.0	72.1	59.0	71.0	66.8	18.9	32.2	22.3	15.0	21.7	19.3
8/6/2001	66.0	93.0	79.7	32.0	70.0	56.6	18.9	33.9	26.5	0.0	21.1	13.7
8/7/2001	69.0	96.0	81.8	63.0	73.0	67.3	20.6	35.6	27.7	17.2	22.8	19.6

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 14 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
8/8/2001	74.0	98.0	85.0	58.0	72.0	67.8	23.3	36.7	29.4	14.4	22.2	19.9
8/9/2001	67.0	99.0	81.1	63.0	72.0	66.1	19.4	37.2	27.3	17.2	22.2	18.9
8/10/2001	73.0	90.0	77.6	68.0	75.0	72.0	22.8	32.2	25.3	20.0	23.9	22.2
8/11/2001	66.0	79.0	73.3	59.0	73.0	65.7	18.9	26.1	22.9	15.0	22.8	18.7
8/12/2001	68.0	81.0	73.7	64.0	72.0	67.5	20.0	27.2	23.2	17.8	22.2	19.7
8/13/2001	68.0	88.0	74.3	56.0	71.0	67.4	20.0	31.1	23.5	13.3	21.7	19.7
8/14/2001	65.0	85.0	75.1	51.0	63.0	59.1	18.3	29.4	23.9	10.6	17.2	15.1
8/15/2001	57.0	85.0	71.0	53.0	61.0	56.6	13.9	29.4	21.7	11.7	16.1	13.7
8/16/2001	60.0	85.0	72.7	55.0	70.0	62.9	15.6	29.4	22.6	12.8	21.1	17.2
8/17/2001	69.0	82.0	73.3	55.0	70.0	66.8	20.6	27.8	22.9	12.8	21.1	19.3
8/18/2001	59.0	81.0	68.1	57.0	64.0	60.0	15.0	27.2	20.1	13.9	17.8	15.6
8/19/2001	62.0	84.0	72.2	60.0	66.0	63.3	16.7	28.9	22.3	15.6	18.9	17.4
8/20/2001	66.0	80.0	69.5	59.0	67.0	64.9	18.9	26.7	20.8	15.0	19.4	18.3
8/21/2001	63.0	79.0	70.4	57.0	63.0	60.6	17.2	26.1	21.3	13.9	17.2	15.9
8/22/2001	57.0	81.0	68.0	53.0	61.0	57.3	13.9	27.2	20.0	11.7	16.1	14.1
8/23/2001	61.0	70.0	64.2	57.0	65.0	60.8	16.1	21.1	17.9	13.9	18.3	16.0
8/24/2001	62.0	82.0	68.2	55.0	65.0	62.5	16.7	27.8	20.1	12.8	18.3	16.9
8/25/2001	52.0	81.0	65.8	51.0	61.0	56.3	11.1	27.2	18.8	10.6	16.1	13.5
8/26/2001	66.0	83.0	72.7	59.0	66.0	62.1	18.9	28.3	22.6	15.0	18.9	16.7
8/27/2001	69.0	82.0	74.2	60.0	72.0	67.8	20.6	27.8	23.4	15.6	22.2	19.9
8/28/2001	62.0	81.0	67.2	61.0	66.0	63.4	16.7	27.2	19.6	16.1	18.9	17.4
8/29/2001	62.0	79.0	67.4	52.0	66.0	61.9	16.7	26.1	19.7	11.1	18.9	16.6
8/30/2001	56.0	79.0	65.7	53.0	68.0	59.4	13.3	26.1	18.7	11.7	20.0	15.2
8/31/2001	68.0	79.0	71.9	66.0	73.0	68.4	20.0	26.1	22.2	18.9	22.8	20.2
9/1/2001	60.0	70.0	67.8	48.0	68.0	60.7	15.6	21.1	19.9	8.9	20.0	15.9
9/2/2001	48.0	70.0	55.2	42.0	53.0	48.3	8.9	21.1	12.9	5.6	11.7	9.1
9/3/2001	48.0	77.0	58.6	46.0	61.0	51.7	8.9	25.0	14.8	7.8	16.1	10.9
9/4/2001	61.0	79.0	69.5	55.0	70.0	63.2	16.1	26.1	20.8	12.8	21.1	17.3
9/5/2001	55.0	73.0	64.2	48.0	60.0	52.6	12.8	22.8	17.9	8.9	15.6	11.4
9/6/2001	49.0	76.0	58.1	48.0	57.0	50.3	9.4	24.4	14.5	8.9	13.9	10.2
9/7/2001	49.0	83.0	60.6	48.0	65.0	54.0	9.4	28.3	15.9	8.9	18.3	12.2
9/8/2001	61.0	83.0	71.7	59.0	67.0	62.4	16.1	28.3	22.1	15.0	19.4	16.9
9/9/2001	61.0	82.0	70.9	59.0	67.0	62.1	16.1	27.8	21.6	15.0	19.4	16.7
9/10/2001	66.0	78.0	71.4	60.0	69.0	64.6	18.9	25.6	21.9	15.6	20.6	18.1
9/11/2001	55.0	77.0	63.0	51.0	61.0	55.5	12.8	25.0	17.2	10.6	16.1	13.1
9/12/2001	52.0	75.0	60.1	50.0	59.0	53.2	11.1	23.9	15.6	10.0	15.0	11.8
9/13/2001	52.0	81.0	60.9	51.0	63.0	55.8	11.1	27.2	16.1	10.6	17.2	13.2
9/14/2001	53.0	65.0	58.3	39.0	63.0	49.5	11.7	18.3	14.6	3.9	17.2	9.7
9/15/2001	44.0	66.0	53.2	41.0	49.0	43.8	6.7	18.9	11.8	5.0	9.4	6.6
9/16/2001	45.0	71.0	52.3	44.0	55.0	47.0	7.2	21.7	11.3	6.7	12.8	8.3
9/17/2001	48.0	74.0	55.7	46.0	57.0	49.2	8.9	23.3	13.2	7.8	13.9	9.6
9/18/2001	51.0	75.0	59.4	50.0	61.0	53.1	10.6	23.9	15.2	10.0	16.1	11.7
9/19/2001	52.0	77.0	60.9	51.0	59.0	53.9	11.1	25.0	16.1	10.6	15.0	12.2
9/20/2001	64.0	72.0	66.8	54.0	64.0	61.0	17.8	22.2	19.3	12.2	17.8	16.1
9/21/2001	60.0	75.0	64.9	56.0	63.0	60.6	15.6	23.9	18.3	13.3	17.2	15.9

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 15 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
9/22/2001	55.0	74.0	63.6	55.0	59.0	56.8	12.8	23.3	17.6	12.8	15.0	13.8
9/23/2001	53.0	74.0	58.9	53.0	60.0	54.8	11.7	23.3	14.9	11.7	15.6	12.7
9/24/2001	55.0	71.0	64.5	53.0	66.0	61.7	12.8	21.7	18.1	11.7	18.9	16.5
9/25/2001	52.0	63.0	59.1	41.0	63.0	55.8	11.1	17.2	15.1	5.0	17.2	13.2
9/26/2001	41.0	58.0	49.6	37.0	42.0	40.1	5.0	14.4	9.8	2.8	5.6	4.5
9/27/2001	48.0	58.0	53.6	37.0	48.0	43.3	8.9	14.4	12.0	2.8	8.9	6.3
9/28/2001	46.0	58.0	50.1	43.0	50.0	45.7	7.8	14.4	10.1	6.1	10.0	7.6
9/29/2001	50.0	64.0	54.4	40.0	50.0	44.9	10.0	17.8	12.4	4.4	10.0	7.2
9/30/2001	41.0	65.0	49.5	35.0	48.0	41.8	5.0	18.3	9.7	1.7	8.9	5.4
10/1/2001	43.0	72.0	53.5	39.0	53.0	44.3	6.1	22.2	11.9	3.9	11.7	6.8
10/2/2001	46.0	75.0	57.5	44.0	58.0	50.4	7.8	23.9	14.2	6.7	14.4	10.2
10/3/2001	52.0	79.0	60.4	52.0	61.0	55.6	11.1	26.1	15.8	11.1	16.1	13.1
10/4/2001	48.0	80.0	58.9	46.0	60.0	51.9	8.9	26.7	14.9	7.8	15.6	11.1
10/5/2001	48.0	77.0	58.8	48.0	57.0	52.0	8.9	25.0	14.9	8.9	13.9	11.1
10/6/2001	50.0	70.0	59.5	32.0	55.0	45.6	10.0	21.1	15.3	0.0	12.8	7.6
10/7/2001	39.0	50.0	45.9	24.0	35.0	29.6	3.9	10.0	7.7	-4.4	1.7	-1.3
10/8/2001	33.0	53.0	41.7	22.0	32.0	27.9	0.6	11.7	5.4	-5.6	0.0	-2.3
10/9/2001	28.0	60.0	38.2	25.0	32.0	28.1	-2.2	15.6	3.4	-3.9	0.0	-2.2
10/10/2001	37.0	66.0	50.4	25.0	39.0	34.0	2.8	18.9	10.2	-3.9	3.9	1.1
10/11/2001	39.0	73.0	53.1	37.0	53.0	43.8	3.9	22.8	11.7	2.8	11.7	6.6
10/12/2001	48.0	70.0	57.6	47.0	58.0	51.8	8.9	21.1	14.2	8.3	14.4	11.0
10/13/2001	57.0	77.0	66.2	55.0	59.0	57.5	13.9	25.0	19.0	12.8	15.0	14.2
10/14/2001	62.0	71.0	65.5	51.0	61.0	55.5	16.7	21.7	18.6	10.6	16.1	13.1
10/15/2001	46.0	64.0	55.9	34.0	63.0	49.4	7.8	17.8	13.3	1.1	17.2	9.7
10/16/2001	37.0	64.0	47.5	36.0	46.0	40.4	2.8	17.8	8.6	2.2	7.8	4.7
10/17/2001	46.0	52.0	48.3	24.0	44.0	34.4	7.8	11.1	9.1	-4.4	6.7	1.3
10/18/2001	32.0	56.0	43.1	24.0	35.0	29.0	0.0	13.3	6.2	-4.4	1.7	-1.7
10/19/2001	33.0	60.0	45.2	31.0	37.0	34.3	0.6	15.6	7.3	-0.6	2.8	1.3
10/20/2001	43.0	67.0	52.7	37.0	43.0	40.3	6.1	19.4	11.5	2.8	6.1	4.6
10/21/2001	39.0	74.0	52.2	37.0	47.0	41.3	3.9	23.3	11.2	2.8	8.3	5.2
10/22/2001	52.0	68.0	55.8	44.0	53.0	49.6	11.1	20.0	13.2	6.7	11.7	9.8
10/23/2001	46.0	66.0	53.6	46.0	57.0	49.9	7.8	18.9	12.0	7.8	13.9	9.9
10/24/2001	57.0	73.0	61.5	55.0	60.0	58.1	13.9	22.8	16.4	12.8	15.6	14.5
10/25/2001	54.0	70.0	63.0	25.0	59.0	45.7	12.2	21.1	17.2	-3.9	15.0	7.6
10/26/2001	41.0	56.0	48.7	23.0	30.0	25.9	5.0	13.3	9.3	-5.0	-1.1	-3.4
10/27/2001	39.0	47.0	41.3	22.0	34.0	29.2	3.9	8.3	5.2	-5.6	1.1	-1.6
10/28/2001	32.0	48.0	39.9	23.0	27.0	25.1	0.0	8.9	4.4	-5.0	-2.8	-3.8
10/29/2001	27.0	56.0	38.0	24.0	32.0	27.4	-2.8	13.3	3.3	-4.4	0.0	-2.6
10/30/2001	42.0	56.0	48.2	17.0	39.0	30.6	5.6	13.3	9.0	-8.3	3.9	-0.8
10/31/2001	40.0	50.0	44.8	18.0	32.0	27.1	4.4	10.0	7.1	-7.8	0.0	-2.7
11/1/2001	35.0	63.0	46.6	30.0	45.0	37.0	1.7	17.2	8.1	-1.1	7.2	2.8
11/2/2001	46.0	73.0	57.7	42.0	51.0	45.7	7.8	22.8	14.3	5.6	10.6	7.6
11/3/2001	52.0	71.0	59.0	33.0	56.0	47.0	11.1	21.7	15.0	0.6	13.3	8.3
11/4/2001	39.0	57.0	46.1	35.0	41.0	37.3	3.9	13.9	7.8	1.7	5.0	2.9
11/5/2001	39.0	57.0	44.9	23.0	39.0	27.3	3.9	13.9	7.2	-5.0	3.9	-2.6

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 16 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
11/6/2001	39.0	55.0	44.4	20.0	27.0	24.7	3.9	12.8	6.9	-6.7	-2.8	-4.1
11/7/2001	39.0	65.0	51.2	24.0	42.0	32.8	3.9	18.3	10.7	-4.4	5.6	0.4
11/8/2001	38.0	66.0	49.8	32.0	43.0	38.6	3.3	18.9	9.9	0.0	6.1	3.7
11/9/2001	41.0	66.0	48.7	22.0	43.0	28.5	5.0	18.9	9.3	-5.6	6.1	-1.9
11/10/2001	29.0	61.0	40.2	24.0	32.0	27.4	-1.7	16.1	4.6	-4.4	0.0	-2.6
11/11/2001	36.0	50.0	43.4	17.0	36.0	25.7	2.2	10.0	6.3	-8.3	2.2	-3.5
11/12/2001	23.0	49.0	34.6	19.0	27.0	22.8	-5.0	9.4	1.4	-7.2	-2.8	-5.1
11/13/2001	24.0	52.0	35.4	21.0	30.0	26.1	-4.4	11.1	1.9	-6.1	-1.1	-3.3
11/14/2001	27.0	56.0	37.1	24.0	32.0	28.0	-2.8	13.3	2.8	-4.4	0.0	-2.2
11/15/2001	37.0	58.0	45.5	30.0	47.0	39.0	2.8	14.4	7.5	-1.1	8.3	3.9
11/16/2001	38.0	70.0	48.7	36.0	48.0	40.8	3.3	21.1	9.3	2.2	8.9	4.9
11/17/2001	34.0	58.0	45.7	28.0	42.0	34.4	1.1	14.4	7.6	-2.2	5.6	1.3
11/18/2001	28.0	52.0	37.7	25.0	41.0	31.0	-2.2	11.1	3.2	-3.9	5.0	-0.6
11/19/2001	34.0	55.0	40.9	33.0	43.0	38.0	1.1	12.8	4.9	0.6	6.1	3.3
11/20/2001	37.0	57.0	44.4	21.0	46.0	32.0	2.8	13.9	6.9	-6.1	7.8	0.0
11/21/2001	28.0	46.0	37.5	21.0	26.0	23.4	-2.2	7.8	3.1	-6.1	-3.3	-4.8
11/22/2001	26.0	50.0	36.3	22.0	30.0	25.6	-3.3	10.0	2.4	-5.6	-1.1	-3.6
11/23/2001	26.0	56.0	37.9	24.0	31.0	27.6	-3.3	13.3	3.3	-4.4	-0.6	-2.4
11/24/2001	33.0	59.0	47.0	28.0	55.0	42.6	0.6	15.0	8.3	-2.2	12.8	5.9
11/25/2001	53.0	62.0	58.3	48.0	57.0	54.5	11.7	16.7	14.6	8.9	13.9	12.5
11/26/2001	45.0	55.0	48.7	42.0	49.0	45.3	7.2	12.8	9.3	5.6	9.4	7.4
11/27/2001	37.0	52.0	41.9	37.0	45.0	39.3	2.8	11.1	5.5	2.8	7.2	4.1
11/28/2001	48.0	55.0	50.6	45.0	50.0	47.1	8.9	12.8	10.3	7.2	10.0	8.4
11/29/2001	49.0	54.0	51.5	46.0	52.0	49.1	9.4	12.2	10.8	7.8	11.1	9.5
11/30/2001	52.0	64.0	58.0	51.0	61.0	56.1	11.1	17.8	14.4	10.6	16.1	13.4
12/1/2001	46.0	57.0	51.7	36.0	57.0	46.0	7.8	13.9	10.9	2.2	13.9	7.8
12/2/2001	39.0	52.0	44.8	35.0	39.0	36.9	3.9	11.1	7.1	1.7	3.9	2.7
12/3/2001	30.0	51.0	36.5	29.0	36.0	31.1	-1.1	10.6	2.5	-1.7	2.2	-0.5
12/4/2001	30.0	58.0	39.5	28.0	32.0	30.9	-1.1	14.4	4.2	-2.2	0.0	-0.6
12/5/2001	46.0	65.0	53.0	30.0	48.0	41.1	7.8	18.3	11.7	-1.1	8.9	5.1
12/6/2001	39.0	60.0	49.5	39.0	46.0	42.5	3.9	15.6	9.7	3.9	7.8	5.8
12/7/2001	43.0	56.0	49.3	31.0	48.0	43.7	6.1	13.3	9.6	-0.6	8.9	6.5
12/8/2001	30.0	42.0	33.3	27.0	34.0	30.8	-1.1	5.6	0.7	-2.8	1.1	-0.7
12/9/2001	32.0	43.0	35.2	27.0	34.0	31.8	0.0	6.1	1.8	-2.8	1.1	-0.1
12/10/2001	25.0	39.0	29.0	24.0	29.0	26.5	-3.9	3.9	-1.7	-4.4	-1.7	-3.1
12/11/2001	36.0	50.0	45.1	32.0	36.0	34.0	2.2	10.0	7.3	0.0	2.2	1.1
12/12/2001	26.0	45.0	33.3	25.0	32.0	29.0	-3.3	7.2	0.7	-3.9	0.0	-1.7
12/13/2001	42.0	48.0	45.3	30.0	47.0	41.9	5.6	8.9	7.4	-1.1	8.3	5.5
12/14/2001	46.0	55.0	48.3	46.0	52.0	47.3	7.8	12.8	9.1	7.8	11.1	8.5
12/15/2001	36.0	56.0	43.7	22.0	52.0	31.0	2.2	13.3	6.5	-5.6	11.1	-0.6
12/16/2001	26.0	38.0	31.4	22.0	28.0	25.3	-3.3	3.3	-0.3	-5.6	-2.2	-3.7
12/17/2001	36.0	41.0	37.6	25.0	39.0	32.2	2.2	5.0	3.1	-3.9	3.9	0.1
12/18/2001	39.0	46.0	42.4	32.0	42.0	37.3	3.9	7.8	5.8	0.0	5.6	2.9
12/19/2001	37.0	47.0	41.8	30.0	33.0	30.9	2.8	8.3	5.4	-1.1	0.6	-0.6
12/20/2001	32.0	40.0	36.3	21.0	34.0	27.6	0.0	4.4	2.4	-6.1	1.1	-2.4

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 17 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
12/21/2001	33.0	40.0	36.2	15.0	27.0	20.9	0.6	4.4	2.3	-9.4	-2.8	-6.2
12/22/2001	25.0	38.0	31.0	16.0	22.0	19.2	-3.9	3.3	-0.6	-8.9	-5.6	-7.1
12/23/2001	26.0	41.0	33.0	21.0	27.0	22.8	-3.3	5.0	0.6	-6.1	-2.8	-5.1
12/24/2001	28.0	40.0	35.1	19.0	32.0	25.9	-2.2	4.4	1.7	-7.2	0.0	-3.4
12/25/2001	23.0	32.0	27.9	10.0	19.0	14.1	-5.0	0.0	-2.3	-12.2	-7.2	-9.9
12/26/2001	20.0	30.0	24.2	9.0	17.0	13.2	-6.7	-1.1	-4.3	-12.8	-8.3	-10.4
12/27/2001	14.0	27.0	21.7	10.0	15.0	12.7	-10.0	-2.8	-5.7	-12.2	-9.4	-10.7
12/28/2001	25.0	35.0	28.8	12.0	27.0	18.8	-3.9	1.7	-1.8	-11.1	-2.8	-7.3
12/29/2001	17.0	31.0	24.0	12.0	22.0	16.2	-8.3	-0.6	-4.4	-11.1	-5.6	-8.8
12/30/2001	19.0	27.0	22.6	6.0	13.0	9.1	-7.2	-2.8	-5.2	-14.4	-10.6	-12.7
12/31/2001	16.0	26.0	22.6	5.0	8.0	9.1	-8.9	-3.3	-5.2	-15.0	-13.3	-12.7
1/1/2002	12.0	32.0	21.9	6.0	14.0	9.2	-11.1	0.0	-5.6	-14.4	-10.0	-12.7
1/2/2002	12.0	33.0	22.5	9.0	16.0	13.5	-11.1	0.6	-5.3	-12.8	-8.9	-10.3
1/3/2002	11.0	31.0	20.4	9.0	16.0	13.5	-11.7	-0.6	-6.4	-12.8	-8.9	-10.3
1/4/2002	32.0	35.0	33.0	11.0	12.0	11.8	0.0	1.7	0.6	-11.7	-11.1	-11.2
1/5/2002	27.0	41.0	32.8	12.0	21.0	15.5	-2.8	5.0	0.4	-11.1	-6.1	-9.2
1/6/2002	28.0	39.0	32.3	13.0	31.0	22.2	-2.2	3.9	0.2	-10.6	-0.6	-5.4
1/7/2002	28.0	34.0	31.9	19.0	31.0	27.7	-2.2	1.1	-0.1	-7.2	-0.6	-2.4
1/8/2002	20.0	30.0	25.1	14.0	19.0	16.2	-6.7	-1.1	-3.8	-10.0	-7.2	-8.8
1/9/2002	21.0	41.0	29.3	16.0	28.0	21.0	-6.1	5.0	-1.5	-8.9	-2.2	-6.1
1/10/2002	36.0	49.0	43.1	29.0	34.0	31.4	2.2	9.4	6.2	-1.7	1.1	-0.3
1/11/2002	32.0	41.0	35.8	24.0	35.0	29.7	0.0	5.0	2.1	-4.4	1.7	-1.3
1/12/2002	31.0	42.0	37.6	24.0	26.0	24.8	-0.6	5.6	3.1	-4.4	-3.3	-4.0
1/13/2002	32.0	40.0	36.2	18.0	30.0	24.1	0.0	4.4	2.3	-7.8	-1.1	-4.4
1/14/2002	28.0	43.0	35.0	19.0	23.0	21.1	-2.2	6.1	1.7	-7.2	-5.0	-6.1
1/15/2002	35.0	42.0	38.8	22.0	30.0	27.0	1.7	5.6	3.8	-5.6	-1.1	-2.8
1/16/2002	33.0	37.0	35.6	17.0	29.0	21.3	0.6	2.8	2.0	-8.3	-1.7	-5.9
1/17/2002	32.0	42.0	35.9	16.0	27.0	21.1	0.0	5.6	2.2	-8.9	-2.8	-6.1
1/18/2002	29.0	35.0	31.6	8.0	18.0	13.5	-1.7	1.7	-0.2	-13.3	-7.8	-10.3
1/19/2002	21.0	30.0	25.0	10.0	25.0	19.1	-6.1	-1.1	-3.9	-12.2	-3.9	-7.2
1/20/2002	12.0	32.0	23.4	9.0	25.0	20.4	-11.1	0.0	-4.8	-12.8	-3.9	-6.4
1/21/2002	24.0	36.0	30.4	20.0	31.0	25.6	-4.4	2.2	-0.9	-6.7	-0.6	-3.6
1/22/2002	31.0	44.0	37.4	19.0	30.0	23.7	-0.6	6.7	3.0	-7.2	-1.1	-4.6
1/23/2002	29.0	45.0	38.6	23.0	31.0	27.0	-1.7	7.2	3.7	-5.0	-0.6	-2.8
1/24/2002	36.0	43.0	39.1	28.0	36.0	30.4	2.2	6.1	3.9	-2.2	2.2	-0.9
1/25/2002	30.0	45.0	38.4	16.0	30.0	24.3	-1.1	7.2	3.6	-8.9	-1.1	-4.3
1/26/2002	22.0	54.0	34.7	17.0	26.0	20.7	-5.6	12.2	1.5	-8.3	-3.3	-6.3
1/27/2002	24.0	57.0	35.9	21.0	29.0	24.4	-4.4	13.9	2.2	-6.1	-1.7	-4.2
1/28/2002	25.0	55.0	36.2	24.0	31.0	28.1	-3.9	12.8	2.3	-4.4	-0.6	-2.2
1/29/2002	32.0	58.0	40.8	30.0	32.0	30.8	0.0	14.4	4.9	-1.1	0.0	-0.7
1/30/2002	45.0	54.0	49.0	27.0	52.0	43.2	7.2	12.2	9.4	-2.8	11.1	6.2
1/31/2002	33.0	45.0	36.5	28.0	39.0	33.5	0.6	7.2	2.5	-2.2	3.9	0.8
2/1/2002	39.0	57.0	42.4	23.0	47.0	38.4	3.9	13.9	5.8	-5.0	8.3	3.6
2/2/2002	27.0	42.0	32.6	12.0	23.0	14.5	-2.8	5.6	0.3	-11.1	-5.0	-9.7
2/3/2002	19.0	43.0	29.1	17.0	21.0	18.2	-7.2	6.1	-1.6	-8.3	-6.1	-7.7

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 18 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
2/4/2002	21.0	36.0	30.0	7.0	29.0	21.9	-6.1	2.2	-1.1	-13.9	-1.7	-5.6
2/5/2002	15.0	34.0	22.4	2.0	10.0	5.6	-9.4	1.1	-5.3	-16.7	-12.2	-14.7
2/6/2002	29.0	39.0	32.9	8.0	23.0	16.6	-1.7	3.9	0.5	-13.3	-5.0	-8.6
2/7/2002	29.0	45.0	33.3	22.0	32.0	26.8	-1.7	7.2	0.7	-5.6	0.0	-2.9
2/8/2002	26.0	51.0	37.3	19.0	31.0	25.2	-3.3	10.6	2.9	-7.2	-0.6	-3.8
2/9/2002	28.0	48.0	37.7	20.0	27.0	25.4	-2.2	8.9	3.2	-6.7	-2.8	-3.7
2/10/2002	39.0	45.0	40.9	24.0	40.0	34.8	3.9	7.2	4.9	-4.4	4.4	1.6
2/11/2002	26.0	43.0	36.0	2.0	41.0	28.1	-3.3	6.1	2.2	-16.7	5.0	-2.2
2/12/2002	20.0	48.0	32.0	2.0	25.0	15.4	-6.7	8.9	0.0	-16.7	-3.9	-9.2
2/13/2002	27.0	42.0	32.8	0.0	28.0	13.3	-2.8	5.6	0.4	-17.8	-2.2	-10.4
2/14/2002	12.0	42.0	24.6	0.0	14.0	8.4	-11.1	5.6	-4.1	-17.8	-10.0	-13.1
2/15/2002	26.0	43.0	32.9	8.0	21.0	15.2	-3.3	6.1	0.5	-13.3	-6.1	-9.3
2/16/2002	35.0	48.0	42.5	21.0	30.0	24.6	1.7	8.9	5.8	-6.1	-1.1	-4.1
2/17/2002	30.0	47.0	37.2	12.0	31.0	22.4	-1.1	8.3	2.9	-11.1	-0.6	-5.3
2/18/2002	21.0	42.0	29.9	12.0	19.0	14.2	-6.1	5.6	-1.2	-11.1	-7.2	-9.9
2/19/2002	19.0	48.0	31.6	15.0	20.0	16.9	-7.2	8.9	-0.2	-9.4	-6.7	-8.4
2/20/2002	41.0	55.0	47.2	17.0	31.0	22.7	5.0	12.8	8.4	-8.3	-0.6	-5.2
2/21/2002	39.0	55.0	47.1	28.0	31.0	30.0	3.9	12.8	8.4	-2.2	-0.6	-1.1
2/22/2002	37.0	45.0	39.8	25.0	31.0	28.1	2.8	7.2	4.3	-3.9	-0.6	-2.2
2/23/2002	30.0	44.0	35.6	12.0	26.0	17.4	-1.1	6.7	2.0	-11.1	-3.3	-8.1
2/24/2002	19.0	50.0	32.6	17.0	22.0	18.5	-7.2	10.0	0.3	-8.3	-5.6	-7.5
2/25/2002	28.0	57.0	40.3	17.0	25.0	20.5	-2.2	13.9	4.6	-8.3	-3.9	-6.4
2/26/2002	30.0	55.0	44.2	24.0	31.0	28.6	-1.1	12.8	6.8	-4.4	-0.6	-1.9
2/27/2002	27.0	41.0	32.9	10.0	31.0	18.1	-2.8	5.0	0.5	-12.2	-0.6	-7.7
2/28/2002	24.0	37.0	28.6	8.0	20.0	12.5	-4.4	2.8	-1.9	-13.3	-6.7	-10.8
3/1/2002	18.0	44.0	29.0	11.0	16.0	13.3	-7.8	6.7	-1.7	-11.7	-8.9	-10.4
3/2/2002	23.0	45.0	33.2	14.0	30.0	20.0	-5.0	7.2	0.7	-10.0	-1.1	-6.7
3/3/2002	37.0	54.0	47.5	18.0	31.0	29.3	2.8	12.2	8.6	-7.8	-0.6	-1.5
3/4/2002	21.0	38.0	26.7	3.0	18.0	10.6	-6.1	3.3	-2.9	-16.1	-7.8	-11.9
3/5/2002	14.0	32.0	20.9	-2.0	19.0	5.9	-10.0	0.0	-6.2	-18.9	-7.2	-14.5
3/6/2002	21.0	62.0	36.3	17.0	25.0	20.4	-6.1	16.7	2.4	-8.3	-3.9	-6.4
3/7/2002	27.0	56.0	40.7	18.0	30.0	23.8	-2.8	13.3	4.8	-7.8	-1.1	-4.6
3/8/2002	31.0	66.0	46.4	28.0	34.0	30.7	-0.6	18.9	8.0	-2.2	1.1	-0.7
3/9/2002	50.0	63.0	58.3	27.0	56.0	46.3	10.0	17.2	14.6	-2.8	13.3	7.9
3/10/2002	28.0	64.0	39.5	5.0	56.0	21.8	-2.2	17.8	4.2	-15.0	13.3	-5.7
3/11/2002	24.0	40.0	29.6	5.0	14.0	9.4	-4.4	4.4	-1.3	-15.0	-10.0	-12.6
3/12/2002	33.0	46.0	38.0	10.0	30.0	18.5	0.6	7.8	3.3	-12.2	-1.1	-7.5
3/13/2002	33.0	45.0	41.2	26.0	43.0	36.0	0.6	7.2	5.1	-3.3	6.1	2.2
3/14/2002	43.0	62.0	47.8	36.0	43.0	41.1	6.1	16.7	8.8	2.2	6.1	5.1
3/15/2002	52.0	68.0	57.9	40.0	54.0	45.4	11.1	20.0	14.4	4.4	12.2	7.4
3/16/2002	36.0	64.0	50.2	25.0	56.0	44.2	2.2	17.8	10.1	-3.9	13.3	6.8
3/17/2002	27.0	36.0	32.4	17.0	31.0	24.2	-2.8	2.2	0.2	-8.3	-0.6	-4.3
3/18/2002	33.0	39.0	35.5	30.0	36.0	32.6	0.6	3.9	1.9	-1.1	2.2	0.3
3/19/2002	37.0	44.0	39.4	26.0	37.0	31.3	2.8	6.7	4.1	-3.3	2.8	-0.4
3/20/2002	35.0	41.0	37.7	28.0	38.0	34.1	1.7	5.0	3.2	-2.2	3.3	1.2

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 19 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
3/21/2002	32.0	54.0	39.8	25.0	39.0	30.8	0.0	12.2	4.3	-3.9	3.9	-0.7
3/22/2002	18.0	34.0	23.7	0.0	25.0	8.2	-7.8	1.1	-4.6	-17.8	-3.9	-13.2
3/23/2002	19.0	47.0	30.9	8.0	17.0	13.0	-7.2	8.3	-0.6	-13.3	-8.3	-10.6
3/24/2002	25.0	51.0	38.3	13.0	31.0	20.9	-3.9	10.6	3.5	-10.6	-0.6	-6.2
3/25/2002	32.0	40.0	34.6	20.0	31.0	28.0	0.0	4.4	1.4	-6.7	-0.6	-2.2
3/26/2002	32.0	37.0	35.4	28.0	36.0	32.9	0.0	2.8	1.9	-2.2	2.2	0.5
3/27/2002	36.0	42.0	38.6	24.0	36.0	31.6	2.2	5.6	3.7	-4.4	2.2	-0.2
3/28/2002	27.0	52.0	37.6	18.0	27.0	22.3	-2.8	11.1	3.1	-7.8	-2.8	-5.4
3/29/2002	34.0	63.0	45.5	24.0	41.0	30.1	1.1	17.2	7.5	-4.4	5.0	-1.1
3/30/2002	53.0	64.0	57.3	24.0	46.0	35.8	11.7	17.8	14.1	-4.4	7.8	2.1
3/31/2002	38.0	59.0	50.0	26.0	43.0	32.7	3.3	15.0	10.0	-3.3	6.1	0.4
4/1/2002	44.0	52.0	46.9	18.0	45.0	36.4	6.7	11.1	8.3	-7.8	7.2	2.4
4/2/2002	34.0	63.0	44.5	18.0	36.0	26.5	1.1	17.2	6.9	-7.8	2.2	-3.1
4/3/2002	39.0	61.0	52.6	24.0	47.0	38.4	3.9	16.1	11.4	-4.4	8.3	3.6
4/4/2002	29.0	47.0	38.4	16.0	24.0	20.4	-1.7	8.3	3.6	-8.9	-4.4	-6.4
4/5/2002	24.0	41.0	33.3	14.0	20.0	17.6	-4.4	5.0	0.7	-10.0	-6.7	-8.0
4/6/2002	28.0	41.0	33.2	17.0	29.0	24.3	-2.2	5.0	0.7	-8.3	-1.7	-4.3
4/7/2002	22.0	49.0	34.5	17.0	22.0	19.0	-5.6	9.4	1.4	-8.3	-5.6	-7.2
4/8/2002	43.0	59.0	48.0	20.0	37.0	29.9	6.1	15.0	8.9	-6.7	2.8	-1.2
4/9/2002	57.0	66.0	61.2	37.0	58.0	49.3	13.9	18.9	16.2	2.8	14.4	9.6
4/10/2002	45.0	64.0	53.7	27.0	57.0	37.7	7.2	17.8	12.1	-2.8	13.9	3.2
4/11/2002	33.0	67.0	51.4	29.0	36.0	32.6	0.6	19.4	10.8	-1.7	2.2	0.3
4/12/2002	41.0	62.0	50.8	28.0	48.0	37.6	5.0	16.7	10.4	-2.2	8.9	3.1
4/13/2002	55.0	64.0	60.1	49.0	59.0	55.5	12.8	17.8	15.6	9.4	15.0	13.1
4/14/2002	48.0	71.0	55.8	48.0	63.0	53.8	8.9	21.7	13.2	8.9	17.2	12.1
4/15/2002	57.0	78.0	64.1	57.0	61.0	58.5	13.9	25.6	17.8	13.9	16.1	14.7
4/16/2002	56.0	89.0	70.9	55.0	62.0	58.3	13.3	31.7	21.6	12.8	16.7	14.6
4/17/2002	55.0	91.0	72.5	54.0	60.0	56.2	12.8	32.8	22.5	12.2	15.6	13.4
4/18/2002	61.0	89.0	75.4	56.0	61.0	58.0	16.1	31.7	24.1	13.3	16.1	14.4
4/19/2002	58.0	88.0	73.4	56.0	61.0	58.7	14.4	31.1	23.0	13.3	16.1	14.8
4/20/2002	55.0	77.0	61.0	45.0	60.0	51.7	12.8	25.0	16.1	7.2	15.6	10.9
4/21/2002	43.0	57.0	45.9	22.0	45.0	30.8	6.1	13.9	7.7	-5.6	7.2	-0.7
4/22/2002	39.0	52.0	44.2	27.0	46.0	38.0	3.9	11.1	6.8	-2.8	7.8	3.3
4/23/2002	34.0	55.0	44.0	19.0	30.0	23.7	1.1	12.8	6.7	-7.2	-1.1	-4.6
4/24/2002	29.0	61.0	45.3	18.0	29.0	25.2	-1.7	16.1	7.4	-7.8	-1.7	-3.8
4/25/2002	44.0	57.0	48.6	19.0	46.0	35.9	6.7	13.9	9.2	-7.2	7.8	2.2
4/26/2002	33.0	61.0	47.1	19.0	32.0	26.8	0.6	16.1	8.4	-7.2	0.0	-2.9
4/27/2002	30.0	59.0	46.1	20.0	30.0	25.8	-1.1	15.0	7.8	-6.7	-1.1	-3.4
4/28/2002	46.0	64.0	53.1	28.0	61.0	48.5	7.8	17.8	11.7	-2.2	16.1	9.2
4/29/2002	43.0	61.0	48.4	30.0	58.0	39.5	6.1	16.1	9.1	-1.1	14.4	4.2
4/30/2002	39.0	59.0	46.5	28.0	48.0	37.0	3.9	15.0	8.1	-2.2	8.9	2.8
5/1/2002	33.0	64.0	48.6	26.0	37.0	31.4	0.6	17.8	9.2	-3.3	2.8	-0.3
5/2/2002	48.0	73.0	56.5	27.0	62.0	48.3	8.9	22.8	13.6	-2.8	16.7	9.1
5/3/2002	43.0	68.0	52.8	23.0	51.0	30.6	6.1	20.0	11.6	-5.0	10.6	-0.8
5/4/2002	32.0	63.0	47.6	24.0	35.0	29.4	0.0	17.2	8.7	-4.4	1.7	-1.4

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 20 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
5/5/2002	38.0	72.0	55.8	27.0	44.0	36.9	3.3	22.2	13.2	-2.8	6.7	2.7
5/6/2002	42.0	72.0	58.8	39.0	52.0	45.5	5.6	22.2	14.9	3.9	11.1	7.5
5/7/2002	59.0	76.0	64.8	52.0	62.0	55.6	15.0	24.4	18.2	11.1	16.7	13.1
5/8/2002	50.0	72.0	60.8	44.0	60.0	48.3	10.0	22.2	16.0	6.7	15.6	9.1
5/9/2002	48.0	64.0	54.5	46.0	57.0	51.3	8.9	17.8	12.5	7.8	13.9	10.7
5/10/2002	52.0	69.0	57.7	25.0	55.0	47.6	11.1	20.6	14.3	-3.9	12.8	8.7
5/11/2002	39.0	68.0	55.0	24.0	38.0	31.8	3.9	20.0	12.8	-4.4	3.3	-0.1
5/12/2002	51.0	63.0	55.6	36.0	57.0	50.1	10.6	17.2	13.1	2.2	13.9	10.1
5/13/2002	57.0	67.0	60.5	54.0	64.0	59.6	13.9	19.4	15.8	12.2	17.8	15.3
5/14/2002	43.0	57.0	49.4	35.0	53.0	41.1	6.1	13.9	9.7	1.7	11.7	5.1
5/15/2002	43.0	69.0	52.9	32.0	41.0	36.4	6.1	20.6	11.6	0.0	5.0	2.4
5/16/2002	39.0	77.0	57.0	36.0	52.0	43.0	3.9	25.0	13.9	2.2	11.1	6.1
5/17/2002	58.0	73.0	64.7	40.0	59.0	51.8	14.4	22.8	18.2	4.4	15.0	11.0
5/18/2002	39.0	60.0	46.5	32.0	46.0	39.7	3.9	15.6	8.1	0.0	7.8	4.3
5/19/2002	38.0	54.0	45.2	24.0	37.0	31.0	3.3	12.2	7.3	-4.4	2.8	-0.6
5/20/2002	37.0	52.0	44.4	27.0	38.0	33.1	2.8	11.1	6.9	-2.8	3.3	0.6
5/21/2002	33.0	54.0	43.9	28.0	37.0	32.5	0.6	12.2	6.6	-2.2	2.8	0.3
5/22/2002	33.0	66.0	48.5	31.0	39.0	34.0	0.6	18.9	9.2	-0.6	3.9	1.1
5/23/2002	38.0	76.0	56.2	34.0	45.0	39.1	3.3	24.4	13.4	1.1	7.2	3.9
5/24/2002	47.0	80.0	63.8	38.0	59.0	48.9	8.3	26.7	17.7	3.3	15.0	9.4
5/25/2002	46.0	68.0	58.0	36.0	59.0	43.6	7.8	20.0	14.4	2.2	15.0	6.4
5/26/2002	59.0	64.0	61.7	48.0	54.0	51.5	15.0	17.8	16.5	8.9	12.2	10.8
5/27/2002	Bad or missing data											
5/28/2002	Bad or missing data											
5/29/2002	72.0	76.0	74.2	64.0	66.0	64.8	22.2	24.4	23.4	17.8	18.9	18.2
5/30/2002	63.0	81.0	69.6	60.0	67.0	63.6	17.2	27.2	20.9	15.6	19.4	17.6
5/31/2002	61.0	86.0	66.7	41.0	67.0	61.4	16.1	30.0	19.3	5.0	19.4	16.3
6/1/2002	59.0	85.0	67.3	32.0	61.0	53.4	15.0	29.4	19.6	0.0	16.1	11.9
6/2/2002	55.0	77.0	66.6	37.0	57.0	48.1	12.8	25.0	19.2	2.8	13.9	8.9
6/3/2002	47.0	69.0	59.6	39.0	45.0	41.2	8.3	20.6	15.3	3.9	7.2	5.1
6/4/2002	50.0	73.0	62.9	42.0	63.0	50.8	10.0	22.8	17.2	5.6	17.2	10.4
6/5/2002	66.0	87.0	72.7	60.0	72.0	65.2	18.9	30.6	22.6	15.6	22.2	18.4
6/6/2002	57.0	72.0	64.2	55.0	68.0	61.9	13.9	22.2	17.9	12.8	20.0	16.6
6/7/2002	52.0	74.0	60.4	50.0	56.0	52.9	11.1	23.3	15.8	10.0	13.3	11.6
6/8/2002	51.0	75.0	60.4	46.0	56.0	49.3	10.6	23.9	15.8	7.8	13.3	9.6
6/9/2002	55.0	86.0	69.0	48.0	66.0	56.0	12.8	30.0	20.6	8.9	18.9	13.3
6/10/2002	60.0	84.0	70.7	58.0	66.0	60.9	15.6	28.9	21.5	14.4	18.9	16.1
6/11/2002	61.0	88.0	71.1	60.0	69.0	63.4	16.1	31.1	21.7	15.6	20.6	17.4
6/12/2002	67.0	83.0	74.6	62.0	72.0	67.0	19.4	28.3	23.7	16.7	22.2	19.4
6/13/2002	63.0	77.0	69.2	61.0	67.0	63.8	17.2	25.0	20.7	16.1	19.4	17.7
6/14/2002	59.0	70.0	61.9	57.0	64.0	58.6	15.0	21.1	16.6	13.9	17.8	14.8
6/15/2002	57.0	69.0	60.5	41.0	59.0	55.8	13.9	20.6	15.8	5.0	15.0	13.2
6/16/2002	56.0	72.0	63.2	48.0	57.0	52.3	13.3	22.2	17.3	8.9	13.9	11.3
6/17/2002	50.0	76.0	58.4	39.0	55.0	49.4	10.0	24.4	14.7	3.9	12.8	9.7
6/18/2002	46.0	76.0	58.3	46.0	58.0	50.6	7.8	24.4	14.6	7.8	14.4	10.3

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 21 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
6/19/2002	54.0	81.0	66.4	51.0	60.0	54.3	12.2	27.2	19.1	10.6	15.6	12.4
6/20/2002	57.0	83.0	70.7	55.0	63.0	58.8	13.9	28.3	21.5	12.8	17.2	14.9
6/21/2002	61.0	84.0	73.0	59.0	65.0	61.7	16.1	28.9	22.8	15.0	18.3	16.5
6/22/2002	62.0	86.0	72.4	60.0	67.0	63.0	16.7	30.0	22.4	15.6	19.4	17.2
6/23/2002	66.0	89.0	77.6	61.0	67.0	64.5	18.9	31.7	25.3	16.1	19.4	18.1
6/24/2002	72.0	86.0	76.5	64.0	72.0	67.3	22.2	30.0	24.7	17.8	22.2	19.6
6/25/2002	70.0	88.0	76.3	68.0	72.0	70.0	21.1	31.1	24.6	20.0	22.2	21.1
6/26/2002	69.0	89.0	77.5	68.0	73.0	70.5	20.6	31.7	25.3	20.0	22.8	21.4
6/27/2002	72.0	85.0	77.8	66.0	72.0	69.4	22.2	29.4	25.4	18.9	22.2	20.8
6/28/2002	68.0	82.0	73.6	62.0	70.0	65.7	20.0	27.8	23.1	16.7	21.1	18.7
6/29/2002	58.0	84.0	69.8	56.0	70.0	61.1	14.4	28.9	21.0	13.3	21.1	16.2
6/30/2002	63.0	86.0	71.8	60.0	67.0	63.4	17.2	30.0	22.1	15.6	19.4	17.4
7/1/2002	62.0	88.0	74.6	61.0	72.0	65.3	16.7	31.1	23.7	16.1	22.2	18.5
7/2/2002	68.0	93.0	79.8	66.0	75.0	70.6	20.0	33.9	26.6	18.9	23.9	21.4
7/3/2002	71.0	95.0	82.5	66.0	76.0	71.4	21.7	35.0	28.1	18.9	24.4	21.9
7/4/2002	71.0	95.0	84.1	67.0	74.0	70.2	21.7	35.0	28.9	19.4	23.3	21.2
7/5/2002	67.0	89.0	76.3	46.0	71.0	56.9	19.4	31.7	24.6	7.8	21.7	13.8
7/6/2002	59.0	81.0	69.8	48.0	57.0	53.0	15.0	27.2	21.0	8.9	13.9	11.7
7/7/2002	54.0	82.0	66.6	52.0	63.0	55.9	12.2	27.8	19.2	11.1	17.2	13.3
7/8/2002	57.0	91.0	71.8	46.0	65.0	58.5	13.9	32.8	22.1	7.8	18.3	14.7
7/9/2002	65.0	84.0	72.9	57.0	72.0	65.1	18.3	28.9	22.7	13.9	22.2	18.4
7/10/2002	66.0	79.0	71.5	33.0	70.0	54.5	18.9	26.1	21.9	0.6	21.1	12.5
7/11/2002	48.0	78.0	62.4	32.0	49.0	43.6	8.9	25.6	16.9	0.0	9.4	6.4
7/12/2002	47.0	80.0	64.1	42.0	49.0	46.2	8.3	26.7	17.8	5.6	9.4	7.9
7/13/2002	50.0	81.0	66.6	46.0	59.0	51.1	10.0	27.2	19.2	7.8	15.0	10.6
7/14/2002	62.0	80.0	70.6	57.0	65.0	60.5	16.7	26.7	21.4	13.9	18.3	15.8
7/15/2002	62.0	91.0	75.2	56.0	65.0	61.3	16.7	32.8	24.0	13.3	18.3	16.3
7/16/2002	66.0	89.0	77.5	44.0	61.0	54.6	18.9	31.7	25.3	6.7	16.1	12.6
7/17/2002	60.0	96.0	77.1	50.0	65.0	58.2	15.6	35.6	25.1	10.0	18.3	14.6
7/18/2002	70.0	91.0	80.3	64.0	73.0	66.7	21.1	32.8	26.8	17.8	22.8	19.3
7/19/2002	69.0	91.0	76.6	66.0	71.0	68.0	20.6	32.8	24.8	18.9	21.7	20.0
7/20/2002	67.0	85.0	74.1	42.0	70.0	57.3	19.4	29.4	23.4	5.6	21.1	14.1
7/21/2002	63.0	86.0	74.0	27.0	70.0	52.4	17.2	30.0	23.3	-2.8	21.1	11.3
7/22/2002	72.0	93.0	82.1	66.0	72.0	69.1	22.2	33.9	27.8	18.9	22.2	20.6
7/23/2002	71.0	91.0	78.1	65.0	72.0	69.0	21.7	32.8	25.6	18.3	22.2	20.6
7/24/2002	62.0	81.0	70.7	51.0	67.0	59.3	16.7	27.2	21.5	10.6	19.4	15.2
7/25/2002	64.0	78.0	69.7	55.0	62.0	58.6	17.8	25.6	20.9	12.8	16.7	14.8
7/26/2002	61.0	75.0	67.6	50.0	63.0	56.6	16.1	23.9	19.8	10.0	17.2	13.7
7/27/2002	65.0	78.0	69.5	62.0	71.0	66.3	18.3	25.6	20.8	16.7	21.7	19.1
7/28/2002	70.0	81.0	74.0	69.0	75.0	71.9	21.1	27.2	23.3	20.6	23.9	22.2
7/29/2002	72.0	92.0	79.5	72.0	76.0	73.1	22.2	33.3	26.4	22.2	24.4	22.8
7/30/2002	73.0	90.0	80.2	64.0	74.0	69.8	22.8	32.2	26.8	17.8	23.3	21.0
7/31/2002	65.0	90.0	76.6	64.0	68.0	66.1	18.3	32.2	24.8	17.8	20.0	18.9
8/1/2002	68.0	91.0	79.5	32.0	76.0	66.6	20.0	32.8	26.4	0.0	24.4	19.2
8/2/2002	68.0	95.0	75.8	32.0	74.0	63.5	20.0	35.0	24.3	0.0	23.3	17.5

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 22 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
8/3/2002	70.0	92.0	79.3	63.0	71.0	67.6	21.1	33.3	26.3	17.2	21.7	19.8
8/4/2002	64.0	93.0	77.8	60.0	70.0	64.4	17.8	33.9	25.4	15.6	21.1	18.0
8/5/2002	69.0	88.0	76.3	64.0	74.0	69.1	20.6	31.1	24.6	17.8	23.3	20.6
8/6/2002	64.0	77.0	71.0	46.0	72.0	54.3	17.8	25.0	21.7	7.8	22.2	12.4
8/7/2002	54.0	78.0	65.4	46.0	54.0	49.9	12.2	25.6	18.6	7.8	12.2	9.9
8/8/2002	53.0	80.0	65.5	47.0	54.0	50.7	11.7	26.7	18.6	8.3	12.2	10.4
8/9/2002	52.0	83.0	66.9	47.0	54.0	50.7	11.1	28.3	19.4	8.3	12.2	10.4
8/10/2002	52.0	89.0	70.1	51.0	61.0	54.5	11.1	31.7	21.2	10.6	16.1	12.5
8/11/2002	58.0	92.0	73.8	55.0	66.0	58.5	14.4	33.3	23.2	12.8	18.9	14.7
8/12/2002	62.0	96.0	76.6	57.0	67.0	61.5	16.7	35.6	24.8	13.9	19.4	16.4
8/13/2002	66.0	95.0	76.8	61.0	71.0	66.9	18.9	35.0	24.9	16.1	21.7	19.4
8/14/2002	67.0	94.0	79.5	62.0	72.0	67.4	19.4	34.4	26.4	16.7	22.2	19.7
8/15/2002	72.0	90.0	81.5	60.0	71.0	66.0	22.2	32.2	27.5	15.6	21.7	18.9
8/16/2002	69.0	90.0	77.4	68.0	73.0	69.9	20.6	32.2	25.2	20.0	22.8	21.1
8/17/2002	68.0	89.0	77.9	67.0	71.0	68.7	20.0	31.7	25.5	19.4	21.7	20.4
8/18/2002	66.0	93.0	76.6	66.0	72.0	68.3	18.9	33.9	24.8	18.9	22.2	20.2
8/19/2002	64.0	87.0	76.3	59.0	70.0	63.5	17.8	30.6	24.6	15.0	21.1	17.5
8/20/2002	69.0	81.0	74.8	52.0	70.0	63.6	20.6	27.2	23.8	11.1	21.1	17.6
8/21/2002	56.0	85.0	70.6	52.0	57.0	54.6	13.3	29.4	21.4	11.1	13.9	12.6
8/22/2002	69.0	91.0	78.2	53.0	73.0	63.5	20.6	32.8	25.7	11.7	22.8	17.5
8/23/2002	68.0	77.0	72.6	62.0	73.0	65.9	20.0	25.0	22.6	16.7	22.8	18.8
8/24/2002	68.0	83.0	72.8	66.0	72.0	68.9	20.0	28.3	22.7	18.9	22.2	20.5
8/25/2002	65.0	83.0	72.9	52.0	69.0	60.9	18.3	28.3	22.7	11.1	20.6	16.1
8/26/2002	57.0	82.0	68.9	55.0	60.0	57.4	13.9	27.8	20.5	12.8	15.6	14.1
8/27/2002	59.0	84.0	70.9	57.0	63.0	59.9	15.0	28.9	21.6	13.9	17.2	15.5
8/28/2002	63.0	76.0	68.6	54.0	63.0	58.0	17.2	24.4	20.3	12.2	17.2	14.4
8/29/2002	57.0	65.0	61.1	53.0	63.0	56.2	13.9	18.3	16.2	11.7	17.2	13.4
8/30/2002	61.0	79.0	66.1	55.0	61.0	56.8	16.1	26.1	18.9	12.8	16.1	13.8
8/31/2002	55.0	84.0	67.4	54.0	61.0	57.4	12.8	28.9	19.7	12.2	16.1	14.1
9/1/2002	59.0	73.0	62.3	52.0	61.0	58.0	15.0	22.8	16.8	11.1	16.1	14.4
9/2/2002	60.0	77.0	65.3	59.0	61.0	60.4	15.6	25.0	18.5	15.0	16.1	15.8
9/3/2002	57.0	87.0	67.0	57.0	70.0	61.8	13.9	30.6	19.4	13.9	21.1	16.6
9/4/2002	67.0	87.0	77.5	49.0	71.0	61.7	19.4	30.6	25.3	9.4	21.7	16.5
9/5/2002	58.0	82.0	69.7	51.0	59.0	55.4	14.4	27.8	20.9	10.6	15.0	13.0
9/6/2002	49.0	82.0	65.7	39.0	54.0	48.3	9.4	27.8	18.7	3.9	12.2	9.1
9/7/2002	50.0	86.0	66.9	47.0	54.0	50.2	10.0	30.0	19.4	8.3	12.2	10.1
9/8/2002	50.0	90.0	68.2	40.0	55.0	50.0	10.0	32.2	20.1	4.4	12.8	10.0
9/9/2002	50.0	94.0	69.3	46.0	63.0	51.3	10.0	34.4	20.7	7.8	17.2	10.7
9/10/2002	55.0	96.0	72.6	50.0	61.0	56.1	12.8	35.6	22.6	10.0	16.1	13.4
9/11/2002	61.0	80.0	68.3	43.0	59.0	52.0	16.1	26.7	20.2	6.1	15.0	11.1
9/12/2002	49.0	78.0	63.1	37.0	48.0	44.6	9.4	25.6	17.3	2.8	8.9	7.0
9/13/2002	45.0	85.0	62.4	39.0	52.0	46.3	7.2	29.4	16.9	3.9	11.1	7.9
9/14/2002	50.0	85.0	65.8	47.0	70.0	54.4	10.0	29.4	18.8	8.3	21.1	12.4
9/15/2002	71.0	78.0	73.3	69.0	73.0	70.5	21.7	25.6	22.9	20.6	22.8	21.4
9/16/2002	64.0	76.0	69.8	60.0	70.0	66.4	17.8	24.4	21.0	15.6	21.1	19.1

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 23 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
9/17/2002	57.0	81.0	65.2	53.0	63.0	57.8	13.9	27.2	18.4	11.7	17.2	14.3
9/18/2002	52.0	80.0	63.6	51.0	61.0	54.5	11.1	26.7	17.6	10.6	16.1	12.5
9/19/2002	61.0	74.0	67.3	55.0	67.0	61.4	16.1	23.3	19.6	12.8	19.4	16.3
9/20/2002	66.0	83.0	73.0	63.0	69.0	65.7	18.9	28.3	22.8	17.2	20.6	18.7
9/21/2002	71.0	79.0	73.9	66.0	72.0	69.2	21.7	26.1	23.3	18.9	22.2	20.7
9/22/2002	66.0	72.0	69.8	66.0	71.0	68.9	18.9	22.2	21.0	18.9	21.7	20.5
9/23/2002	56.0	72.0	64.2	41.0	68.0	56.2	13.3	22.2	17.9	5.0	20.0	13.4
9/24/2002	46.0	73.0	54.9	44.0	57.0	47.8	7.8	22.8	12.7	6.7	13.9	8.8
9/25/2002	49.0	67.0	54.2	48.0	53.0	50.4	9.4	19.4	12.3	8.9	11.7	10.2
9/26/2002	55.0	62.0	58.5	53.0	56.0	54.7	12.8	16.7	14.7	11.7	13.3	12.6
9/27/2002	55.0	72.0	61.8	53.0	70.0	59.7	12.8	22.2	16.6	11.7	21.1	15.4
9/28/2002	61.0	74.0	67.7	49.0	70.0	56.7	16.1	23.3	19.8	9.4	21.1	13.7
9/29/2002	44.0	70.0	53.8	42.0	56.0	47.2	6.7	21.1	12.1	5.6	13.3	8.4
9/30/2002	50.0	72.0	58.3	48.0	61.0	53.7	10.0	22.2	14.6	8.9	16.1	12.1
10/1/2002	54.0	80.0	64.1	53.0	65.0	58.1	12.2	26.7	17.8	11.7	18.3	14.5
10/2/2002	59.0	84.0	67.4	59.0	67.0	62.7	15.0	28.9	19.7	15.0	19.4	17.1
10/3/2002	63.0	79.0	68.4	60.0	67.0	63.4	17.2	26.1	20.2	15.6	19.4	17.4
10/4/2002	64.0	70.0	66.2	60.0	66.0	62.3	17.8	21.1	19.0	15.6	18.9	16.8
10/5/2002	63.0	74.0	70.3	48.0	69.0	60.9	17.2	23.3	21.3	8.9	20.6	16.1
10/6/2002	45.0	68.0	54.7	44.0	49.0	46.4	7.2	20.0	12.6	6.7	9.4	8.0
10/7/2002	57.0	67.0	64.0	37.0	57.0	48.6	13.9	19.4	17.8	2.8	13.9	9.2
10/8/2002	42.0	60.0	50.9	33.0	43.0	36.6	5.6	15.6	10.5	0.6	6.1	2.6
10/9/2002	41.0	62.0	50.4	39.0	49.0	43.4	5.0	16.7	10.2	3.9	9.4	6.3
10/10/2002	52.0	63.0	58.3	49.0	61.0	55.2	11.1	17.2	14.6	9.4	16.1	12.9
10/11/2002	55.0	61.0	57.4	55.0	60.0	56.4	12.8	16.1	14.1	12.8	15.6	13.6
10/12/2002	55.0	64.0	58.6	55.0	61.0	57.1	12.8	17.8	14.8	12.8	16.1	13.9
10/13/2002	54.0	61.0	59.1	52.0	59.0	56.4	12.2	16.1	15.1	11.1	15.0	13.6
10/14/2002	39.0	55.0	47.9	30.0	52.0	37.5	3.9	12.8	8.8	-1.1	11.1	3.1
10/15/2002	33.0	56.0	41.3	32.0	45.0	36.4	0.6	13.3	5.2	0.0	7.2	2.4
10/16/2002	48.0	55.0	50.6	45.0	52.0	49.0	8.9	12.8	10.3	7.2	11.1	9.4
10/17/2002	46.0	56.0	50.0	37.0	49.0	44.2	7.8	13.3	10.0	2.8	9.4	6.8
10/18/2002	35.0	56.0	44.7	34.0	43.0	37.7	1.7	13.3	7.1	1.1	6.1	3.2
10/19/2002	46.0	52.0	48.5	37.0	50.0	43.9	7.8	11.1	9.2	2.8	10.0	6.6
10/20/2002	35.0	57.0	44.0	35.0	49.0	39.7	1.7	13.9	6.7	1.7	9.4	4.3
10/21/2002	37.0	55.0	43.5	30.0	41.0	36.4	2.8	12.8	6.4	-1.1	5.0	2.4
10/22/2002	31.0	57.0	41.0	30.0	43.0	34.6	-0.6	13.9	5.0	-1.1	6.1	1.4
10/23/2002	39.0	52.0	45.1	31.0	43.0	37.2	3.9	11.1	7.3	-0.6	6.1	2.9
10/24/2002	30.0	43.0	35.8	28.0	37.0	32.0	-1.1	6.1	2.1	-2.2	2.8	0.0
10/25/2002	36.0	43.0	39.7	35.0	43.0	38.9	2.2	6.1	4.3	1.7	6.1	3.8
10/26/2002	43.0	56.0	49.2	42.0	52.0	47.3	6.1	13.3	9.6	5.6	11.1	8.5
10/27/2002	48.0	57.0	51.8	35.0	52.0	43.6	8.9	13.9	11.0	1.7	11.1	6.4
10/28/2002	41.0	53.0	46.8	32.0	40.0	36.3	5.0	11.7	8.2	0.0	4.4	2.4
10/29/2002	29.0	44.0	36.6	26.0	36.0	31.3	-1.7	6.7	2.6	-3.3	2.2	-0.4
10/30/2002	33.0	36.0	34.1	33.0	34.0	33.8	0.6	2.2	1.2	0.6	1.1	1.0
10/31/2002	30.0	45.0	35.8	30.0	36.0	33.5	-1.1	7.2	2.1	-1.1	2.2	0.8

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 24 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
11/1/2002	30.0	46.0	35.4	22.0	36.0	31.5	-1.1	7.8	1.9	-5.6	2.2	-0.3
11/2/2002	33.0	45.0	37.3	24.0	32.0	28.4	0.6	7.2	2.9	-4.4	0.0	-2.0
11/3/2002	36.0	43.0	39.6	25.0	34.0	30.5	2.2	6.1	4.2	-3.9	1.1	-0.8
11/4/2002	28.0	43.0	34.6	27.0	39.0	32.3	-2.2	6.1	1.4	-2.8	3.9	0.2
11/5/2002	32.0	46.0	40.9	28.0	40.0	34.0	0.0	7.8	4.9	-2.2	4.4	1.1
11/6/2002	38.0	47.0	42.8	31.0	45.0	40.3	3.3	8.3	6.0	-0.6	7.2	4.6
11/7/2002	34.0	45.0	41.1	9.0	37.0	26.8	1.1	7.2	5.1	-12.8	2.8	-2.9
11/8/2002	28.0	62.0	40.4	22.0	40.0	30.8	-2.2	16.7	4.7	-5.6	4.4	-0.7
11/9/2002	33.0	62.0	45.6	33.0	43.0	38.4	0.6	16.7	7.6	0.6	6.1	3.6
11/10/2002	52.0	65.0	58.3	42.0	59.0	50.6	11.1	18.3	14.6	5.6	15.0	10.3
11/11/2002	52.0	69.0	64.6	48.0	63.0	58.3	11.1	20.6	18.1	8.9	17.2	14.6
11/12/2002	43.0	54.0	46.2	43.0	49.0	45.8	6.1	12.2	7.9	6.1	9.4	7.7
11/13/2002	45.0	48.0	46.1	36.0	47.0	42.1	7.2	8.9	7.8	2.2	8.3	5.6
11/14/2002	34.0	54.0	40.5	34.0	44.0	37.5	1.1	12.2	4.7	1.1	6.7	3.1
11/15/2002	35.0	56.0	45.2	35.0	44.0	39.7	1.7	13.3	7.3	1.7	6.7	4.3
11/16/2002	37.0	49.0	40.4	36.0	43.0	39.0	2.8	9.4	4.7	2.2	6.1	3.9
11/17/2002	37.0	42.0	39.3	37.0	42.0	38.7	2.8	5.6	4.1	2.8	5.6	3.7
11/18/2002	37.0	45.0	39.5	26.0	39.0	31.9	2.8	7.2	4.2	-3.3	3.9	-0.1
11/19/2002	30.0	39.0	34.6	26.0	36.0	30.2	-1.1	3.9	1.4	-3.3	2.2	-1.0
11/20/2002	35.0	44.0	37.6	35.0	40.0	36.8	1.7	6.7	3.1	1.7	4.4	2.7
11/21/2002	30.0	46.0	39.1	30.0	45.0	38.3	-1.1	7.8	3.9	-1.1	7.2	3.5
11/22/2002	43.0	47.0	45.6	36.0	47.0	44.1	6.1	8.3	7.6	2.2	8.3	6.7
11/23/2002	33.0	43.0	37.3	21.0	37.0	27.3	0.6	6.1	2.9	-6.1	2.8	-2.6
11/24/2002	35.0	50.0	41.1	28.0	34.0	31.2	1.7	10.0	5.1	-2.2	1.1	-0.4
11/25/2002	30.0	46.0	38.1	30.0	37.0	33.7	-1.1	7.8	3.4	-1.1	2.8	0.9
11/26/2002	28.0	44.0	37.1	21.0	36.0	28.1	-2.2	6.7	2.8	-6.1	2.2	-2.2
11/27/2002	28.0	38.0	33.0	18.0	34.0	28.3	-2.2	3.3	0.6	-7.8	1.1	-2.1
11/28/2002	19.0	33.0	26.0	14.0	20.0	17.7	-7.2	0.6	-3.3	-10.0	-6.7	-7.9
11/29/2002	27.0	41.0	32.7	19.0	27.0	22.4	-2.8	5.0	0.4	-7.2	-2.8	-5.3
11/30/2002	30.0	47.0	38.7	24.0	34.0	27.8	-1.1	8.3	3.7	-4.4	1.1	-2.3
12/1/2002	25.0	39.0	29.2	9.0	33.0	19.9	-3.9	3.9	-1.6	-12.8	0.6	-6.7
12/2/2002	23.0	34.0	28.3	8.0	25.0	14.6	-5.0	1.1	-2.1	-13.3	-3.9	-9.7
12/3/2002	10.0	34.0	21.3	-4.0	28.0	9.8	-12.2	1.1	-5.9	-20.0	-2.2	-12.3
12/4/2002	9.0	27.0	17.1	0.0	16.0	7.8	-12.8	-2.8	-8.3	-17.8	-8.9	-13.4
12/5/2002	21.0	25.0	23.5	15.0	25.0	21.0	-6.1	-3.9	-4.7	-9.4	-3.9	-6.1
12/6/2002	18.0	30.0	25.4	16.0	25.0	20.6	-7.8	-1.1	-3.7	-8.9	-3.9	-6.3
12/7/2002	6.0	32.0	18.0	1.0	16.0	10.4	-14.4	0.0	-7.8	-17.2	-8.9	-12.0
12/8/2002	17.0	38.0	26.6	14.0	32.0	21.7	-8.3	3.3	-3.0	-10.0	0.0	-5.7
12/9/2002	4.0	31.0	18.0	0.0	22.0	6.2	-15.6	-0.6	-7.8	-17.8	-5.6	-14.3
12/10/2002	7.0	25.0	14.2	1.0	17.0	7.0	-13.9	-3.9	-9.9	-17.2	-8.3	-13.9
12/11/2002	13.0	34.0	25.1	10.0	34.0	22.9	-10.6	1.1	-3.8	-12.2	1.1	-5.1
12/12/2002	33.0	38.0	34.7	33.0	37.0	34.7	0.6	3.3	1.5	0.6	2.8	1.5
12/13/2002	33.0	37.0	34.8	33.0	36.0	34.5	0.6	2.8	1.6	0.6	2.2	1.4
12/14/2002	32.0	40.0	35.3	32.0	38.0	34.5	0.0	4.4	1.8	0.0	3.3	1.4
12/15/2002	36.0	41.0	38.9	30.0	35.0	31.9	2.2	5.0	3.8	-1.1	1.7	-0.1

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 25 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
12/16/2002	27.0	38.0	34.1	17.0	36.0	28.5	-2.8	3.3	1.2	-8.3	2.2	-1.9
12/17/2002	18.0	32.0	23.0	9.0	17.0	12.9	-7.8	0.0	-5.0	-12.8	-8.3	-10.6
12/18/2002	10.0	33.0	21.5	7.0	19.0	13.5	-12.2	0.6	-5.8	-13.9	-7.2	-10.3
12/19/2002	25.0	41.0	31.1	15.0	34.0	23.0	-3.9	5.0	-0.5	-9.4	1.1	-5.0
12/20/2002	37.0	54.0	45.4	30.0	54.0	42.4	2.8	12.2	7.4	-1.1	12.2	5.8
12/21/2002	34.0	41.0	37.3	26.0	34.0	30.6	1.1	5.0	2.9	-3.3	1.1	-0.8
12/22/2002	25.0	43.0	33.8	25.0	40.0	30.5	-3.9	6.1	1.0	-3.9	4.4	-0.8
12/23/2002	30.0	41.0	36.0	24.0	39.0	26.6	-1.1	5.0	2.2	-4.4	3.9	-3.0
12/24/2002	30.0	37.0	32.9	17.0	27.0	21.4	-1.1	2.8	0.5	-8.3	-2.8	-5.9
12/25/2002	28.0	34.0	30.3	22.0	32.0	29.0	-2.2	1.1	-0.9	-5.6	0.0	-1.7
12/26/2002	28.0	34.0	30.8	21.0	28.0	24.8	-2.2	1.1	-0.7	-6.1	-2.2	-4.0
12/27/2002	25.0	33.0	29.5	21.0	27.0	24.1	-3.9	0.6	-1.4	-6.1	-2.8	-4.4
12/28/2002	11.0	34.0	21.8	9.0	30.0	19.1	-11.7	1.1	-5.7	-12.8	-1.1	-7.2
12/29/2002	28.0	41.0	34.1	25.0	34.0	30.6	-2.2	5.0	1.2	-3.9	1.1	-0.8
12/30/2002	21.0	37.0	27.6	21.0	30.0	24.6	-6.1	2.8	-2.4	-6.1	-1.1	-4.1
12/31/2002	35.0	42.0	27.6	30.0	39.0	24.6	1.7	5.6	-2.4	-1.1	3.9	-4.1
1/1/2003	35.1	41.0	36.5	32.0	39.0	36.5	1.7	5.0	2.5	0.0	3.9	2.5
1/2/2003	28.0	37.0	30.9	23.0	36.0	29.1	-2.2	2.8	-0.6	-5.0	2.2	-1.6
1/3/2003	26.6	32.0	29.8	26.6	32.0	29.7	-3.0	0.0	-1.2	-3.0	0.0	-1.3
1/4/2003	30.0	33.8	31.1	28.4	32.0	30.4	-1.1	1.0	-0.5	-2.0	0.0	-0.9
1/5/2003	26.1	32.0	28.9	21.9	28.9	25.3	-3.3	0.0	-1.7	-5.6	-1.7	-3.7
1/6/2003	26.6	30.9	28.8	26.6	30.2	28.4	-3.0	-0.6	-1.8	-3.0	-1.0	-2.0
1/7/2003	17.6	30.2	24.6	9.0	30.2	18.5	-8.0	-1.0	-4.1	-12.8	-1.0	-7.5
1/8/2003	25.0	39.0	32.7	18.0	36.0	29.7	-3.9	3.9	0.4	-7.8	2.2	-1.3
1/9/2003	35.1	45.0	41.7	33.8	37.0	34.9	1.7	7.2	5.4	1.0	2.8	1.6
1/10/2003	28.4	41.0	34.3	12.9	36.0	27.9	-2.0	5.0	1.3	-10.6	2.2	-2.3
1/11/2003	21.0	28.9	24.4	6.1	24.8	14.4	-6.1	-1.7	-4.2	-14.4	-4.0	-9.8
1/12/2003	21.0	30.0	23.9	10.0	18.0	13.8	-6.1	-1.1	-4.5	-12.2	-7.8	-10.1
1/13/2003	12.2	33.1	23.0	6.8	19.0	14.7	-11.0	0.6	-5.0	-14.0	-7.2	-9.6
1/14/2003	15.8	24.1	20.1	6.1	16.0	10.6	-9.0	-4.4	-6.6	-14.4	-8.9	-11.9
1/15/2003	18.0	26.1	21.2	7.0	19.9	14.2	-7.8	-3.3	-6.0	-13.9	-6.7	-9.9
1/16/2003	14.0	23.0	18.0	8.1	12.0	10.8	-10.0	-5.0	-7.8	-13.3	-11.1	-11.8
1/17/2003	8.6	24.1	18.0	1.4	19.9	12.6	-13.0	-4.4	-7.8	-17.0	-6.7	-10.8
1/18/2003	-0.4	19.9	8.6	-5.8	9.0	0.1	-18.0	-6.7	-13.0	-21.0	-12.8	-17.7
1/19/2003	10.4	24.1	16.5	6.1	15.8	10.4	-12.0	-4.4	-8.6	-14.4	-9.0	-12.0
1/20/2003	17.6	25.0	22.6	1.4	25.0	10.9	-8.0	-3.9	-5.2	-17.0	-3.9	-11.7
1/21/2003	3.0	23.0	13.8	0.0	10.0	2.3	-16.1	-5.0	-10.1	-17.8	-12.2	-16.5
1/22/2003	8.1	19.0	14.2	-2.2	9.0	2.7	-13.3	-7.2	-9.9	-19.0	-12.8	-16.3
1/23/2003	3.9	17.1	11.1	-5.1	12.2	0.5	-15.6	-8.3	-11.6	-20.6	-11.0	-17.5
1/24/2003	6.8	28.9	13.8	-0.9	8.6	1.2	-14.0	-1.7	-10.1	-18.3	-13.0	-17.1
1/25/2003	18.0	27.0	21.4	9.0	17.6	12.0	-7.8	-2.8	-5.9	-12.8	-8.0	-11.1
1/26/2003	18.0	27.0	25.0	14.0	27.0	19.4	-7.8	-2.8	-3.9	-10.0	-2.8	-7.0
1/27/2003	3.2	24.8	13.1	-5.8	24.8	3.4	-16.0	-4.0	-10.5	-21.0	-4.0	-15.9
1/28/2003	1.4	21.2	9.7	-2.9	15.8	4.5	-17.0	-6.0	-12.4	-19.4	-9.0	-15.3
1/29/2003	21.0	33.1	24.4	15.1	30.9	23.2	-6.1	0.6	-4.2	-9.4	-0.6	-4.9

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 26 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
1/30/2003	8.6	32.0	21.6	8.6	24.1	18.0	-13.0	0.0	-5.8	-13.0	-4.4	-7.8
1/31/2003	14.0	33.1	24.8	14.0	33.1	23.7	-10.0	0.6	-4.0	-10.0	0.6	-4.6
2/1/2003	30.2	37.4	33.3	30.9	37.4	33.4	-1.0	3.0	0.7	-0.6	3.0	0.8
2/2/2003	35.1	37.9	36.5	25.0	34.0	30.6	1.7	3.3	2.5	-3.9	1.1	-0.8
2/3/2003	30.0	41.0	35.1	24.8	30.2	27.0	-1.1	5.0	1.7	-4.0	-1.0	-2.8
2/4/2003	33.8	42.1	38.8	25.0	39.2	33.1	1.0	5.6	3.8	-3.9	4.0	0.6
2/5/2003	24.1	34.0	27.9	6.1	26.1	12.4	-4.4	1.1	-2.3	-14.4	-3.3	-10.9
2/6/2003	14.0	30.9	21.6	6.1	24.8	12.0	-10.0	-0.6	-5.8	-14.4	-4.0	-11.1
2/7/2003	26.1	32.0	28.6	17.6	30.2	26.1	-3.3	0.0	-1.9	-8.0	-1.0	-3.3
2/8/2003	10.9	27.0	20.3	1.4	18.0	8.1	-11.7	-2.8	-6.5	-17.0	-7.8	-13.3
2/9/2003	10.0	32.0	21.7	1.0	25.0	12.0	-12.2	0.0	-5.7	-17.2	-3.9	-11.1
2/10/2003	21.9	32.0	28.4	18.0	30.9	25.2	-5.6	0.0	-2.0	-7.8	-0.6	-3.8
2/11/2003	5.0	32.0	20.3	-0.9	32.0	12.6	-15.0	0.0	-6.5	-18.3	0.0	-10.8
2/12/2003	8.1	27.0	18.5	-2.9	21.0	8.6	-13.3	-2.8	-7.5	-19.4	-6.1	-13.0
2/13/2003	14.0	21.9	18.0	1.0	8.1	3.0	-10.0	-5.6	-7.8	-17.2	-13.3	-16.1
2/14/2003	6.1	30.0	17.6	1.9	12.2	6.8	-14.4	-1.1	-8.0	-16.7	-11.0	-14.0
2/15/2003	15.1	25.0	20.7	-7.1	15.1	7.5	-9.4	-3.9	-6.3	-21.7	-9.4	-13.6
2/16/2003	6.8	16.0	10.4	-11.2	12.0	-6.7	-14.0	-8.9	-12.0	-24.0	-11.1	-21.5
2/17/2003	14.0	24.8	18.9	12.2	23.0	17.4	-10.0	-4.0	-7.3	-11.0	-5.0	-8.1
2/18/2003	19.4	32.0	24.3	17.1	30.0	21.6	-7.0	0.0	-4.3	-8.3	-1.1	-5.8
2/19/2003	30.0	37.9	32.7	26.1	32.0	28.0	-1.1	3.3	0.4	-3.3	0.0	-2.2
2/20/2003	34.0	45.0	37.8	21.0	35.1	28.9	1.1	7.2	3.2	-6.1	1.7	-1.7
2/21/2003	14.0	41.0	26.6	12.0	28.9	21.6	-10.0	5.0	-3.0	-11.1	-1.7	-5.8
2/22/2003	34.0	41.0	37.4	28.9	41.0	36.9	1.1	5.0	3.0	-1.7	5.0	2.7
2/23/2003	30.0	41.0	36.7	18.0	41.0	33.8	-1.1	5.0	2.6	-7.8	5.0	1.0
2/24/2003	21.0	30.0	24.3	10.4	25.0	17.4	-6.1	-1.1	-4.3	-12.0	-3.9	-8.1
2/25/2003	21.0	30.0	24.4	3.2	26.1	14.9	-6.1	-1.1	-4.2	-16.0	-3.3	-9.5
2/26/2003	15.1	21.9	18.3	1.9	16.0	6.6	-9.4	-5.6	-7.6	-16.7	-8.9	-14.1
2/27/2003	21.0	28.9	23.5	15.8	21.9	18.5	-6.1	-1.7	-4.7	-9.0	-5.6	-7.5
2/28/2003	28.0	34.0	29.7	21.0	27.0	23.9	-2.2	1.1	-1.3	-6.1	-2.8	-4.5
3/1/2003	28.9	34.0	32.0	25.0	34.0	29.8	-1.7	1.1	0.0	-3.9	1.1	-1.2
3/2/2003	33.8	42.1	35.6	32.0	37.9	35.1	1.0	5.6	2.0	0.0	3.3	1.7
3/3/2003	6.1	37.9	17.8	-9.9	32.0	1.0	-14.4	3.3	-7.9	-23.3	0.0	-17.2
3/4/2003	12.0	35.6	21.7	-4.0	24.8	7.5	-11.1	2.0	-5.7	-20.0	-4.0	-13.6
3/5/2003	32.0	41.0	35.2	25.0	37.9	32.2	0.0	5.0	1.8	-3.9	3.3	0.1
3/6/2003	23.0	39.2	29.7	15.1	37.4	27.0	-5.0	4.0	-1.3	-9.4	3.0	-2.8
3/7/2003	1.4	30.0	15.4	-0.9	17.6	8.1	-17.0	-1.1	-9.2	-18.3	-8.0	-13.3
3/8/2003	14.0	43.0	26.8	12.2	32.0	21.7	-10.0	6.1	-2.9	-11.0	0.0	-5.7
3/9/2003	24.8	43.0	36.9	5.0	36.0	25.5	-4.0	6.1	2.7	-15.0	2.2	-3.6
3/10/2003	17.1	27.0	21.0	1.4	9.0	5.2	-8.3	-2.8	-6.1	-17.0	-12.8	-14.9
3/11/2003	10.0	37.0	22.5	6.1	30.2	14.0	-12.2	2.8	-5.3	-14.4	-1.0	-10.0
3/12/2003	26.1	45.0	32.9	26.1	37.0	30.7	-3.3	7.2	0.5	-3.3	2.8	-0.7
3/13/2003	32.0	41.0	36.1	30.2	37.0	35.6	0.0	5.0	2.3	-1.0	2.8	2.0
3/14/2003	15.8	36.0	25.9	8.1	30.9	16.7	-9.0	2.2	-3.4	-13.3	-0.6	-8.5
3/15/2003	26.1	50.0	35.8	19.0	36.0	27.7	-3.3	10.0	2.1	-7.2	2.2	-2.4

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 27 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
3/16/2003	28.0	61.0	41.9	28.0	52.0	37.8	-2.2	16.1	5.5	-2.2	11.1	3.2
3/17/2003	33.8	64.0	43.0	32.0	54.0	45.0	1.0	17.8	6.1	0.0	12.2	7.2
3/18/2003	35.1	57.9	44.8	34.0	46.9	40.3	1.7	14.4	7.1	1.1	8.3	4.6
3/19/2003	30.9	50.0	40.8	25.0	39.9	31.8	-0.6	10.0	4.9	-3.9	4.4	-0.1
3/20/2003	33.1	44.1	36.5	19.9	42.8	33.3	0.6	6.7	2.5	-6.7	6.0	0.7
3/21/2003	37.9	54.0	43.3	37.9	48.2	42.1	3.3	12.2	6.3	3.3	9.0	5.6
3/22/2003	43.0	55.0	48.0	30.2	48.0	39.0	6.1	12.8	8.9	-1.0	8.9	3.9
3/23/2003	37.0	55.0	44.8	32.0	37.4	34.0	2.8	12.8	7.1	0.0	3.0	1.1
3/24/2003	30.0	60.1	43.5	30.0	41.0	35.2	-1.1	15.6	6.4	-1.1	5.0	1.8
3/25/2003	39.9	71.1	53.8	37.0	46.4	41.2	4.4	21.7	12.1	2.8	8.0	5.1
3/26/2003	42.8	66.0	51.1	41.0	48.0	45.0	6.0	18.9	10.6	5.0	8.9	7.2
3/27/2003	35.6	59.0	42.4	34.0	42.1	37.8	2.0	15.0	5.8	1.1	5.6	3.2
3/28/2003	44.1	62.1	53.2	34.0	52.0	40.8	6.7	16.7	11.8	1.1	11.1	4.9
3/29/2003	50.0	64.0	57.2	48.0	61.0	55.2	10.0	17.8	14.0	8.9	16.1	12.9
3/30/2003	30.2	50.0	36.5	26.6	50.0	33.8	-1.0	10.0	2.5	-3.0	10.0	1.0
3/31/2003	26.6	35.6	31.1	15.1	28.0	21.4	-3.0	2.0	-0.5	-9.4	-2.2	-5.9
4/1/2003	21.9	44.1	31.8	10.0	37.9	21.7	-5.6	6.7	-0.1	-12.2	3.3	-5.7
4/2/2003	39.0	77.0	48.6	37.0	50.0	42.6	3.9	25.0	9.2	2.8	10.0	5.9
4/3/2003	39.9	70.0	54.0	39.9	54.0	47.3	4.4	21.1	12.2	4.4	12.2	8.5
4/4/2003	43.0	61.0	47.1	42.1	50.0	43.9	6.1	16.1	8.4	5.6	10.0	6.6
4/5/2003	37.4	50.0	42.6	35.6	46.4	40.6	3.0	10.0	5.9	2.0	8.0	4.8
4/6/2003	30.0	48.0	37.9	14.0	35.1	20.3	-1.1	8.9	3.3	-10.0	1.7	-6.5
4/7/2003	30.0	39.9	32.4	19.0	30.9	26.8	-1.1	4.4	0.2	-7.2	-0.6	-2.9
4/8/2003	30.0	35.6	32.0	30.0	34.0	31.3	-1.1	2.0	0.0	-1.1	1.1	-0.4
4/9/2003	33.8	42.1	36.9	33.1	37.4	34.9	1.0	5.6	2.7	0.6	3.0	1.6
4/10/2003	37.0	61.0	45.0	28.0	37.0	33.1	2.8	16.1	7.2	-2.2	2.8	0.6
4/11/2003	39.0	55.9	43.0	26.1	46.0	39.6	3.9	13.3	6.1	-3.3	7.8	4.2
4/12/2003	44.1	68.0	51.6	30.2	45.0	39.7	6.7	20.0	10.9	-1.0	7.2	4.3
4/13/2003	36.0	60.1	49.1	19.4	36.0	27.7	2.2	15.6	9.5	-7.0	2.2	-2.4
4/14/2003	30.9	69.1	48.0	19.0	35.6	29.8	-0.6	20.6	8.9	-7.2	2.0	-1.2
4/15/2003	39.9	84.0	61.3	35.1	46.9	40.8	4.4	28.9	16.3	1.7	8.3	4.9
4/16/2003	48.9	82.9	65.5	39.2	48.0	44.6	9.4	28.3	18.6	4.0	8.9	7.0
4/17/2003	37.0	55.9	42.1	24.1	39.9	31.5	2.8	13.3	5.6	-4.4	4.4	-0.3
4/18/2003	36.0	42.8	38.8	21.9	41.0	31.1	2.2	6.0	3.8	-5.6	5.0	-0.5
4/19/2003	39.2	63.0	47.3	39.2	46.9	43.2	4.0	17.2	8.5	4.0	8.3	6.2
4/20/2003	42.1	66.0	54.1	30.9	46.9	40.1	5.6	18.9	12.3	-0.6	8.3	4.5
4/21/2003	51.1	64.0	54.3	35.1	53.6	46.6	10.6	17.8	12.4	1.7	12.0	8.1
4/22/2003	46.4	57.2	53.2	37.4	54.0	50.0	8.0	14.0	11.8	3.0	12.2	10.0
4/23/2003	39.0	50.0	43.9	25.0	37.0	30.0	3.9	10.0	6.6	-3.9	2.8	-1.1
4/24/2003	33.1	62.1	47.1	14.0	28.0	21.7	0.6	16.7	8.4	-10.0	-2.2	-5.7
4/25/2003	36.0	68.0	50.7	19.0	39.2	30.4	2.2	20.0	10.4	-7.2	4.0	-0.9
4/26/2003	51.8	63.0	55.2	39.9	55.9	52.2	11.0	17.2	12.9	4.4	13.3	11.2
4/27/2003	43.0	70.0	56.3	26.1	53.1	39.7	6.1	21.1	13.5	-3.3	11.7	4.3
4/28/2003	37.9	81.0	57.7	28.4	43.0	36.3	3.3	27.2	14.3	-2.0	6.1	2.4
4/29/2003	48.0	73.9	57.9	28.9	54.0	43.2	8.9	23.3	14.4	-1.7	12.2	6.2

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 28 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
4/30/2003	45.0	68.0	55.0	32.0	39.9	36.3	7.2	20.0	12.8	0.0	4.4	2.4
5/1/2003	54.0	79.0	64.9	39.9	61.0	52.2	12.2	26.1	18.3	4.4	16.1	11.2
5/2/2003	55.4	75.9	66.0	44.6	62.1	56.8	13.0	24.4	18.9	7.0	16.7	13.8
5/3/2003	44.1	64.9	54.1	30.0	45.0	37.9	6.7	18.3	12.3	-1.1	7.2	3.3
5/4/2003	43.0	66.0	55.6	30.9	41.0	36.1	6.1	18.9	13.1	-0.6	5.0	2.3
5/5/2003	43.0	63.0	50.0	37.4	44.6	41.7	6.1	17.2	10.0	3.0	7.0	5.4
5/6/2003	44.1	64.0	51.3	37.4	55.4	46.0	6.7	17.8	10.7	3.0	13.0	7.8
5/7/2003	52.0	73.0	59.5	52.0	60.8	56.5	11.1	22.8	15.3	11.1	16.0	13.6
5/8/2003	57.2	68.0	60.6	54.0	59.0	57.0	14.0	20.0	15.9	12.2	15.0	13.9
5/9/2003	53.1	64.9	58.3	48.0	59.0	52.9	11.7	18.3	14.6	8.9	15.0	11.6
5/10/2003	48.2	75.0	60.1	48.0	60.8	53.4	9.0	23.9	15.6	8.9	16.0	11.9
5/11/2003	57.2	75.9	66.9	53.6	69.8	62.6	14.0	24.4	19.4	12.0	21.0	17.0
5/12/2003	51.8	73.9	58.1	42.1	57.0	45.0	11.0	23.3	14.5	5.6	13.9	7.2
5/13/2003	48.2	55.0	51.3	39.0	44.1	41.4	9.0	12.8	10.7	3.9	6.7	5.2
5/14/2003	48.2	61.0	54.0	39.2	44.1	42.3	9.0	16.1	12.2	4.0	6.7	5.7
5/15/2003	39.0	63.0	51.3	37.9	50.0	43.9	3.9	17.2	10.7	3.3	10.0	6.6
5/16/2003	51.1	55.9	53.2	46.9	51.8	50.4	10.6	13.3	11.8	8.3	11.0	10.2
5/17/2003	48.0	55.0	50.9	44.1	51.8	47.3	8.9	12.8	10.5	6.7	11.0	8.5
5/18/2003	50.0	64.9	56.1	42.8	50.0	47.1	10.0	18.3	13.4	6.0	10.0	8.4
5/19/2003	39.0	73.9	55.8	36.0	48.0	42.6	3.9	23.3	13.2	2.2	8.9	5.9
5/20/2003	44.1	73.0	59.9	37.0	50.0	43.0	6.7	22.8	15.5	2.8	10.0	6.1
5/21/2003	51.8	64.9	56.3	39.9	57.0	49.5	11.0	18.3	13.5	4.4	13.9	9.7
5/22/2003	46.0	64.9	54.7	41.0	52.0	45.9	7.8	18.3	12.6	5.0	11.1	7.7
5/23/2003	53.1	63.0	57.6	48.2	53.6	50.7	11.7	17.2	14.2	9.0	12.0	10.4
5/24/2003	53.1	61.0	56.3	52.0	57.2	54.7	11.7	16.1	13.5	11.1	14.0	12.6
5/25/2003	57.0	68.0	61.0	50.0	55.9	54.5	13.9	20.0	16.1	10.0	13.3	12.5
5/26/2003	57.0	66.0	60.8	53.1	57.2	55.0	13.9	18.9	16.0	11.7	14.0	12.8
5/27/2003	52.0	64.9	57.9	46.0	55.0	51.3	11.1	18.3	14.4	7.8	12.8	10.7
5/28/2003	53.1	66.2	57.9	48.0	57.2	52.9	11.7	19.0	14.4	8.9	14.0	11.6
5/29/2003	50.0	72.0	58.3	48.9	57.0	52.0	10.0	22.2	14.6	9.4	13.9	11.1
5/30/2003	51.1	73.9	62.8	50.0	57.2	53.8	10.6	23.3	17.1	10.0	14.0	12.1
5/31/2003	57.0	69.1	60.6	54.0	60.8	57.7	13.9	20.6	15.9	12.2	16.0	14.3
6/1/2003	50.0	60.1	54.5	42.8	59.0	48.9	10.0	15.6	12.5	6.0	15.0	9.4
6/2/2003	44.1	71.1	56.3	37.0	44.6	40.3	6.7	21.7	13.5	2.8	7.0	4.6
6/3/2003	46.0	66.9	53.1	41.0	53.6	48.2	7.8	19.4	11.7	5.0	12.0	9.0
6/4/2003	52.0	60.1	55.4	51.1	55.9	52.9	11.1	15.6	13.0	10.6	13.3	11.6
6/5/2003	55.0	68.0	59.5	48.9	57.2	54.1	12.8	20.0	15.3	9.4	14.0	12.3
6/6/2003	55.9	73.9	62.2	50.0	54.0	51.4	13.3	23.3	16.8	10.0	12.2	10.8
6/7/2003	55.0	69.1	59.7	53.1	60.8	57.2	12.8	20.6	15.4	11.7	16.0	14.0
6/8/2003	57.0	71.1	63.1	57.0	60.8	58.8	13.9	21.7	17.3	13.9	16.0	14.9
6/9/2003	57.2	75.9	65.5	51.8	59.0	56.7	14.0	24.4	18.6	11.0	15.0	13.7
6/10/2003	53.1	78.1	63.7	52.0	57.9	55.0	11.7	25.6	17.6	11.1	14.4	12.8
6/11/2003	66.2	77.0	70.3	57.0	66.9	62.8	19.0	25.0	21.3	13.9	19.4	17.1
6/12/2003	64.9	73.9	69.6	64.9	70.0	67.5	18.3	23.3	20.9	18.3	21.1	19.7
6/13/2003	69.1	82.9	73.0	66.0	70.0	67.1	20.6	28.3	22.8	18.9	21.1	19.5

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 29 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
6/14/2003	64.9	80.1	72.0	63.0	69.8	66.9	18.3	26.7	22.2	17.2	21.0	19.4
6/15/2003	57.0	80.6	67.8	53.1	66.0	58.5	13.9	27.0	19.9	11.7	18.9	14.7
6/16/2003	48.0	77.0	64.2	42.1	55.4	48.9	8.9	25.0	17.9	5.6	13.0	9.4
6/17/2003	55.9	73.0	63.1	48.2	55.4	52.2	13.3	22.8	17.3	9.0	13.0	11.2
6/18/2003	55.4	64.9	59.7	54.0	61.0	57.4	13.0	18.3	15.4	12.2	16.1	14.1
6/19/2003	59.0	77.0	65.3	59.0	64.0	61.2	15.0	25.0	18.5	15.0	17.8	16.2
6/20/2003	57.2	70.0	63.0	51.1	59.0	55.6	14.0	21.1	17.2	10.6	15.0	13.1
6/21/2003	55.0	66.0	58.6	53.6	61.0	56.1	12.8	18.9	14.8	12.0	16.1	13.4
6/22/2003	57.2	73.9	62.1	53.1	66.2	57.7	14.0	23.3	16.7	11.7	19.0	14.3
6/23/2003	57.9	89.1	71.1	26.6	66.9	48.4	14.4	31.7	21.7	-3.0	19.4	9.1
6/24/2003	57.0	91.0	72.7	26.1	59.0	43.3	13.9	32.8	22.6	-3.3	15.0	6.3
6/25/2003	57.0	90.0	73.9	39.0	63.0	54.1	13.9	32.2	23.3	3.9	17.2	12.3
6/26/2003	66.0	90.0	77.4	52.0	69.8	63.1	18.9	32.2	25.2	11.1	21.0	17.3
6/27/2003	64.9	82.9	73.6	44.6	69.1	60.6	18.3	28.3	23.1	7.0	20.6	15.9
6/28/2003	55.0	81.0	67.5	46.0	57.9	53.2	12.8	27.2	19.7	7.8	14.4	11.8
6/29/2003	60.1	82.9	71.8	51.1	63.0	57.2	15.6	28.3	22.1	10.6	17.2	14.0
6/30/2003	63.0	80.1	70.0	55.0	66.2	62.1	17.2	26.7	21.1	12.8	19.0	16.7
7/1/2003	57.2	82.9	66.7	54.0	61.0	58.6	14.0	28.3	19.3	12.2	16.1	14.8
7/2/2003	60.1	84.0	71.6	59.0	64.4	61.5	15.6	28.9	22.0	15.0	18.0	16.4
7/3/2003	62.1	86.0	72.3	61.0	66.2	63.5	16.7	30.0	22.4	16.1	19.0	17.5
7/4/2003	64.9	91.4	76.8	64.0	68.0	66.4	18.3	33.0	24.9	17.8	20.0	19.1
7/5/2003	69.1	88.0	78.6	61.0	69.1	66.0	20.6	31.1	25.9	16.1	20.6	18.9
7/6/2003	68.0	90.0	79.2	57.0	69.1	65.1	20.0	32.2	26.2	13.9	20.6	18.4
7/7/2003	68.0	82.9	75.9	66.0	73.0	68.5	20.0	28.3	24.4	18.9	22.8	20.3
7/8/2003	71.1	91.0	78.6	66.0	70.0	67.8	21.7	32.8	25.9	18.9	21.1	19.9
7/9/2003	66.9	84.9	73.0	57.2	69.8	64.6	19.4	29.4	22.8	14.0	21.0	18.1
7/10/2003	57.2	71.1	64.0	57.0	64.4	59.9	14.0	21.7	17.8	13.9	18.0	15.5
7/11/2003	64.0	82.9	70.2	55.4	68.0	63.9	17.8	28.3	21.2	13.0	20.0	17.7
7/12/2003	57.9	79.0	69.4	54.0	60.8	57.0	14.4	26.1	20.8	12.2	16.0	13.9
7/13/2003	55.9	79.0	68.7	53.1	61.0	55.9	13.3	26.1	20.4	11.7	16.1	13.3
7/14/2003	55.9	82.0	69.3	55.0	61.0	57.4	13.3	27.8	20.7	12.8	16.1	14.1
7/15/2003	59.0	82.0	70.5	57.0	66.0	61.9	15.0	27.8	21.4	13.9	18.9	16.6
7/16/2003	71.1	84.9	76.3	57.9	71.6	66.2	21.7	29.4	24.6	14.4	22.0	19.0
7/17/2003	57.0	82.9	69.1	55.0	60.8	57.7	13.9	28.3	20.6	12.8	16.0	14.3
7/18/2003	66.0	79.0	69.4	61.0	69.8	65.7	18.9	26.1	20.8	16.1	21.0	18.7
7/19/2003	57.0	80.1	66.2	51.1	66.0	57.7	13.9	26.7	19.0	10.6	18.9	14.3
7/20/2003	53.6	81.0	65.7	53.1	62.6	56.5	12.0	27.2	18.7	11.7	17.0	13.6
7/21/2003	63.0	86.0	73.0	60.8	71.6	65.3	17.2	30.0	22.8	16.0	22.0	18.5
7/22/2003	62.6	75.0	67.3	61.0	69.8	64.4	17.0	23.9	19.6	16.1	21.0	18.0
7/23/2003	66.0	80.1	70.2	60.8	69.1	65.8	18.9	26.7	21.2	16.0	20.6	18.8
7/24/2003	66.2	77.0	69.8	60.1	66.0	63.5	19.0	25.0	21.0	15.6	18.9	17.5
7/25/2003	57.9	82.9	67.1	55.9	62.1	59.5	14.4	28.3	19.5	13.3	16.7	15.3
7/26/2003	59.0	82.9	68.4	57.2	64.0	60.8	15.0	28.3	20.2	14.0	17.8	16.0
7/27/2003	66.2	86.0	73.4	62.1	71.6	67.1	19.0	30.0	23.0	16.7	22.0	19.5
7/28/2003	64.4	80.1	71.1	54.0	71.6	65.1	18.0	26.7	21.7	12.2	22.0	18.4

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 30 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
7/29/2003	55.0	80.1	65.1	52.0	59.0	55.8	12.8	26.7	18.4	11.1	15.0	13.2
7/30/2003	55.9	82.0	68.0	55.0	63.0	57.9	13.3	27.8	20.0	12.8	17.2	14.4
7/31/2003	57.9	75.2	69.3	55.9	64.4	60.6	14.4	24.0	20.7	13.3	18.0	15.9
8/1/2003	66.0	75.9	69.8	64.0	71.6	67.3	18.9	24.4	21.0	17.8	22.0	19.6
8/2/2003	68.0	84.0	72.3	66.2	73.4	69.4	20.0	28.9	22.4	19.0	23.0	20.8
8/3/2003	66.2	81.0	72.3	66.2	73.9	69.1	19.0	27.2	22.4	19.0	23.3	20.6
8/4/2003	69.8	82.9	73.9	66.9	72.0	70.2	21.0	28.3	23.3	19.4	22.2	21.2
8/5/2003	66.2	79.0	72.0	66.0	72.0	68.9	19.0	26.1	22.2	18.9	22.2	20.5
8/6/2003	66.2	79.0	70.2	62.6	69.1	66.4	19.0	26.1	21.2	17.0	20.6	19.1
8/7/2003	64.0	82.9	70.5	64.0	69.8	65.8	17.8	28.3	21.4	17.8	21.0	18.8
8/8/2003	66.2	84.2	72.9	66.0	70.0	67.6	19.0	29.0	22.7	18.9	21.1	19.8
8/9/2003	69.1	78.1	72.3	68.0	73.4	70.5	20.6	25.6	22.4	20.0	23.0	21.4
8/10/2003	69.1	82.0	73.6	69.1	73.4	70.2	20.6	27.8	23.1	20.6	23.0	21.2
8/11/2003	66.2	77.0	69.6	64.9	71.6	67.8	19.0	25.0	20.9	18.3	22.0	19.9
8/12/2003	68.0	84.0	72.0	66.9	71.1	68.5	20.0	28.9	22.2	19.4	21.7	20.3
8/13/2003	66.2	89.6	74.7	66.0	73.4	68.9	19.0	32.0	23.7	18.9	23.0	20.5
8/14/2003	69.1	89.1	74.7	63.0	73.0	69.4	20.6	31.7	23.7	17.2	22.8	20.8
8/15/2003	66.0	87.1	74.1	63.0	71.1	67.1	18.9	30.6	23.4	17.2	21.7	19.5
8/16/2003	69.8	84.9	75.6	66.9	72.0	69.6	21.0	29.4	24.2	19.4	22.2	20.9
8/17/2003	66.0	82.4	70.9	60.1	69.8	66.0	18.9	28.0	21.6	15.6	21.0	18.9
8/18/2003	55.9	80.1	66.9	55.0	62.1	58.5	13.3	26.7	19.4	12.8	16.7	14.7
8/19/2003	59.0	82.0	66.7	57.2	64.0	59.7	15.0	27.8	19.3	14.0	17.8	15.4
8/20/2003	60.1	84.0	68.9	59.0	70.0	63.1	15.6	28.9	20.5	15.0	21.1	17.3
8/21/2003	64.4	87.1	72.5	64.4	70.0	66.7	18.0	30.6	22.5	18.0	21.1	19.3
8/22/2003	68.0	89.1	75.4	66.2	73.9	69.3	20.0	31.7	24.1	19.0	23.3	20.7
8/23/2003	62.1	81.0	71.1	45.0	66.0	57.6	16.7	27.2	21.7	7.2	18.9	14.2
8/24/2003	51.1	75.9	62.8	46.0	52.0	49.6	10.6	24.4	17.1	7.8	11.1	9.8
8/25/2003	60.1	87.1	70.0	50.0	66.2	58.8	15.6	30.6	21.1	10.0	19.0	14.9
8/26/2003	63.0	79.0	69.6	62.6	71.6	66.2	17.2	26.1	20.9	17.0	22.0	19.0
8/27/2003	64.4	84.9	70.2	64.0	69.1	66.0	18.0	29.4	21.2	17.8	20.6	18.9
8/28/2003	57.2	80.1	66.6	51.1	66.9	58.5	14.0	26.7	19.2	10.6	19.4	14.7
8/29/2003	57.9	84.0	68.7	55.4	73.9	63.0	14.4	28.9	20.4	13.0	23.3	17.2
8/30/2003	64.4	79.0	70.5	59.0	71.6	67.8	18.0	26.1	21.4	15.0	22.0	19.9
8/31/2003	50.0	72.0	58.8	46.4	61.0	52.3	10.0	22.2	14.9	8.0	16.1	11.3
9/1/2003	60.8	66.0	63.0	57.9	64.9	61.9	16.0	18.9	17.2	14.4	18.3	16.6
9/2/2003	62.6	69.1	65.1	60.1	66.2	63.7	17.0	20.6	18.4	15.6	19.0	17.6
9/3/2003	60.8	66.2	63.0	60.1	66.2	62.1	16.0	19.0	17.2	15.6	19.0	16.7
9/4/2003	64.4	75.9	68.2	62.6	68.0	66.0	18.0	24.4	20.1	17.0	20.0	18.9
9/5/2003	57.0	68.0	62.4	53.1	63.0	57.7	13.9	20.0	16.9	11.7	17.2	14.3
9/6/2003	51.1	73.9	57.6	51.1	62.1	53.4	10.6	23.3	14.2	10.6	16.7	11.9
9/7/2003	53.6	77.0	59.9	48.0	62.6	55.4	12.0	25.0	15.5	8.9	17.0	13.0
9/8/2003	57.0	79.0	63.9	55.9	63.0	59.2	13.9	26.1	17.7	13.3	17.2	15.1
9/9/2003	59.0	72.0	64.2	57.0	62.1	58.5	15.0	22.2	17.9	13.9	16.7	14.7
9/10/2003	50.0	77.0	59.9	50.0	61.0	53.6	10.0	25.0	15.5	10.0	16.1	12.0
9/11/2003	53.1	79.0	62.1	52.0	66.0	56.3	11.7	26.1	16.7	11.1	18.9	13.5

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 31 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
9/12/2003	55.4	73.0	63.5	51.1	64.0	56.7	13.0	22.8	17.5	10.6	17.8	13.7
9/13/2003	59.0	71.1	64.0	51.1	70.0	60.1	15.0	21.7	17.8	10.6	21.1	15.6
9/14/2003	77.0	77.0	77.0	64.4	64.9	64.6	25.0	25.0	25.0	18.0	18.3	18.1
9/15/2003	Bad or missing data											
9/16/2003	Bad or missing data											
9/17/2003	Bad or missing data											
9/18/2003	51.8	71.1	59.9	51.1	62.1	55.4	11.0	21.7	15.5	10.6	16.7	13.0
9/19/2003	66.0	71.1	68.0	59.0	66.9	63.7	18.9	21.7	20.0	15.0	19.4	17.6
9/20/2003	60.8	73.9	65.1	52.0	64.9	61.2	16.0	23.3	18.4	11.1	18.3	16.2
9/21/2003	50.0	72.0	57.6	50.0	57.2	52.7	10.0	22.2	14.2	10.0	14.0	11.5
9/22/2003	62.1	71.1	66.2	57.0	64.9	59.9	16.7	21.7	19.0	13.9	18.3	15.5
9/23/2003	57.2	71.6	65.8	48.0	66.2	60.8	14.0	22.0	18.8	8.9	19.0	16.0
9/24/2003	48.0	71.1	55.6	46.0	53.1	49.6	8.9	21.7	13.1	7.8	11.7	9.8
9/25/2003	53.1	66.0	60.3	48.9	60.8	55.0	11.7	18.9	15.7	9.4	16.0	12.8
9/26/2003	48.0	69.1	55.9	48.0	60.8	53.2	8.9	20.6	13.3	8.9	16.0	11.8
9/27/2003	63.0	78.1	69.1	57.2	63.0	62.1	17.2	25.6	20.6	14.0	17.2	16.7
9/28/2003	55.0	69.1	60.3	48.2	61.0	55.4	12.8	20.6	15.7	9.0	16.1	13.0
9/29/2003	50.0	59.0	54.9	44.1	48.9	46.2	10.0	15.0	12.7	6.7	9.4	7.9
9/30/2003	41.0	62.1	48.2	36.0	46.0	41.4	5.0	16.7	9.0	2.2	7.8	5.2
10/1/2003	48.0	55.0	50.7	37.0	48.2	43.9	8.9	12.8	10.4	2.8	9.0	6.6
10/2/2003	41.0	51.8	45.0	30.0	44.1	37.8	5.0	11.0	7.2	-1.1	6.7	3.2
10/3/2003	32.0	55.0	40.8	27.0	37.9	32.9	0.0	12.8	4.9	-2.8	3.3	0.5
10/4/2003	44.6	52.0	48.0	30.0	48.2	40.8	7.0	11.1	8.9	-1.1	9.0	4.9
10/5/2003	37.4	55.0	43.3	32.0	41.0	37.9	3.0	12.8	6.3	0.0	5.0	3.3
10/6/2003	33.8	57.0	40.5	30.9	39.9	35.1	1.0	13.9	4.7	-0.6	4.4	1.7
10/7/2003	33.8	63.0	42.4	33.1	46.4	37.6	1.0	17.2	5.8	0.6	8.0	3.1
10/8/2003	41.0	70.0	49.6	39.2	55.9	45.7	5.0	21.1	9.8	4.0	13.3	7.6
10/9/2003	48.2	77.0	55.4	48.2	59.0	52.5	9.0	25.0	13.0	9.0	15.0	11.4
10/10/2003	52.0	75.9	60.3	51.8	59.0	55.4	11.1	24.4	15.7	11.0	15.0	13.0
10/11/2003	48.2	73.9	55.6	48.2	59.0	51.4	9.0	23.3	13.1	9.0	15.0	10.8
10/12/2003	46.0	73.9	54.1	44.6	59.0	49.8	7.8	23.3	12.3	7.0	15.0	9.9
10/13/2003	46.0	70.0	57.4	44.1	57.0	47.7	7.8	21.1	14.1	6.7	13.9	8.7
10/14/2003	44.1	62.6	51.3	42.1	51.8	45.9	6.7	17.0	10.7	5.6	11.0	7.7
10/15/2003	51.1	57.2	54.1	28.9	53.6	45.3	10.6	14.0	12.3	-1.7	12.0	7.4
10/16/2003	35.6	59.0	47.7	33.1	41.0	37.6	2.0	15.0	8.7	0.6	5.0	3.1
10/17/2003	37.4	51.1	42.8	37.0	42.1	39.4	3.0	10.6	6.0	2.8	5.6	4.1
10/18/2003	39.0	54.0	44.1	35.1	41.0	38.7	3.9	12.2	6.7	1.7	5.0	3.7
10/19/2003	44.6	55.0	48.9	35.6	43.0	40.5	7.0	12.8	9.4	2.0	6.1	4.7
10/20/2003	33.8	60.1	41.9	32.0	42.8	36.3	1.0	15.6	5.5	0.0	6.0	2.4
10/21/2003	44.6	70.0	56.1	43.0	52.0	45.7	7.0	21.1	13.4	6.1	11.1	7.6
10/22/2003	39.2	57.0	47.8	26.6	46.0	39.9	4.0	13.9	8.8	-3.0	7.8	4.4
10/23/2003	37.0	42.1	38.8	19.4	27.0	23.2	2.8	5.6	3.8	-7.0	-2.8	-4.9
10/24/2003	33.1	52.0	39.9	19.9	34.0	27.9	0.6	11.1	4.4	-6.7	1.1	-2.3
10/25/2003	30.9	57.9	43.0	28.0	39.2	32.5	-0.6	14.4	6.1	-2.2	4.0	0.3
10/26/2003	52.0	64.0	58.1	39.9	57.0	49.8	11.1	17.8	14.5	4.4	13.9	9.9

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 32 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
10/27/2003	44.6	60.1	53.2	42.8	57.2	51.6	7.0	15.6	11.8	6.0	14.0	10.9
10/28/2003	33.8	53.1	40.5	33.1	42.1	36.3	1.0	11.7	4.7	0.6	5.6	2.4
10/29/2003	44.1	50.0	46.0	36.0	46.4	43.3	6.7	10.0	7.8	2.2	8.0	6.3
10/30/2003	33.8	60.1	44.6	32.0	41.0	35.4	1.0	15.6	7.0	0.0	5.0	1.9
10/31/2003	37.9	70.0	51.3	37.0	50.0	42.1	3.3	21.1	10.7	2.8	10.0	5.6
11/1/2003	46.4	72.0	55.8	46.0	62.1	51.6	8.0	22.2	13.2	7.8	16.7	10.9
11/2/2003	51.8	66.0	57.6	51.1	61.0	54.7	11.0	18.9	14.2	10.6	16.1	12.6
11/3/2003	53.1	70.0	57.2	53.1	61.0	55.6	11.7	21.1	14.0	11.7	16.1	13.1
11/4/2003	50.0	73.9	56.8	50.0	57.9	53.2	10.0	23.3	13.8	10.0	14.4	11.8
11/5/2003	57.0	63.0	58.3	53.6	57.9	56.5	13.9	17.2	14.6	12.0	14.4	13.6
11/6/2003	48.2	59.0	54.1	44.6	57.9	51.6	9.0	15.0	12.3	7.0	14.4	10.9
11/7/2003	41.0	54.0	47.7	24.8	46.0	37.4	5.0	12.2	8.7	-4.0	7.8	3.0
11/8/2003	30.2	48.0	38.8	7.0	26.1	18.5	-1.0	8.9	3.8	-13.9	-3.3	-7.5
11/9/2003	19.0	39.9	28.4	10.0	19.9	15.8	-7.2	4.4	-2.0	-12.2	-6.7	-9.0
11/10/2003	19.4	45.0	29.3	15.8	25.0	19.8	-7.0	7.2	-1.5	-9.0	-3.9	-6.8
11/11/2003	28.0	42.8	35.4	24.1	41.0	31.6	-2.2	6.0	1.9	-4.4	5.0	-0.2
11/12/2003	39.2	51.8	44.4	39.2	51.8	44.2	4.0	11.0	6.9	4.0	11.0	6.8
11/13/2003	35.1	57.2	46.0	19.4	53.6	35.8	1.7	14.0	7.8	-7.0	12.0	2.1
11/14/2003	33.8	42.8	36.3	17.1	30.2	21.7	1.0	6.0	2.4	-8.3	-1.0	-5.7
11/15/2003	37.9	51.1	43.5	19.9	36.0	30.4	3.3	10.6	6.4	-6.7	2.2	-0.9
11/16/2003	33.1	48.0	39.9	30.9	37.9	34.7	0.6	8.9	4.4	-0.6	3.3	1.5
11/17/2003	42.8	55.9	46.6	36.0	45.0	41.5	6.0	13.3	8.1	2.2	7.2	5.3
11/18/2003	33.8	51.8	41.2	33.8	46.9	39.6	1.0	11.0	5.1	1.0	8.3	4.2
11/19/2003	51.1	66.2	56.3	46.9	60.8	54.5	10.6	19.0	13.5	8.3	16.0	12.5
11/20/2003	39.9	55.9	47.7	32.0	55.9	39.7	4.4	13.3	8.7	0.0	13.3	4.3
11/21/2003	30.0	63.0	41.0	30.0	45.0	35.6	-1.1	17.2	5.0	-1.1	7.2	2.0
11/22/2003	35.6	60.1	43.0	35.6	45.0	40.1	2.0	15.6	6.1	2.0	7.2	4.5
11/23/2003	36.0	57.9	43.7	36.0	46.9	40.8	2.2	14.4	6.5	2.2	8.3	4.9
11/24/2003	37.4	57.0	48.2	35.6	50.0	43.5	3.0	13.9	9.0	2.0	10.0	6.4
11/25/2003	30.2	37.0	34.0	19.0	36.0	25.2	-1.0	2.8	1.1	-7.2	2.2	-3.8
11/26/2003	30.0	43.0	34.5	24.1	30.2	26.4	-1.1	6.1	1.4	-4.4	-1.0	-3.1
11/27/2003	30.0	50.0	39.9	28.4	37.4	32.7	-1.1	10.0	4.4	-2.0	3.0	0.4
11/28/2003	44.6	55.9	49.8	37.0	55.9	48.2	7.0	13.3	9.9	2.8	13.3	9.0
11/29/2003	37.0	46.0	39.6	19.9	44.1	30.6	2.8	7.8	4.2	-6.7	6.7	-0.8
11/30/2003	33.1	48.9	39.0	21.0	28.9	24.8	0.6	9.4	3.9	-6.1	-1.7	-4.0
12/1/2003	33.8	46.9	41.4	17.6	34.0	27.5	1.0	8.3	5.2	-8.0	1.1	-2.5
12/2/2003	24.8	34.0	30.4	3.0	28.0	16.3	-4.0	1.1	-0.9	-16.1	-2.2	-8.7
12/3/2003	19.0	34.0	24.3	7.0	15.8	11.3	-7.2	1.1	-4.3	-13.9	-9.0	-11.5
12/4/2003	17.1	33.1	22.8	14.0	21.2	16.5	-8.3	0.6	-5.1	-10.0	-6.0	-8.6
12/5/2003	23.0	37.4	30.9	19.9	30.2	24.4	-5.0	3.0	-0.6	-6.7	-1.0	-4.2
12/6/2003	23.0	32.0	26.8	17.1	32.0	24.1	-5.0	0.0	-2.9	-8.3	0.0	-4.4
12/7/2003	21.2	30.9	25.0	7.0	19.4	13.6	-6.0	-0.6	-3.9	-13.9	-7.0	-10.2
12/8/2003	12.9	32.0	22.3	8.1	21.2	13.3	-10.6	0.0	-5.4	-13.3	-6.0	-10.4
12/9/2003	27.0	35.6	30.9	17.1	24.1	21.6	-2.8	2.0	-0.6	-8.3	-4.4	-5.8
12/10/2003	35.1	48.2	37.4	23.0	37.9	28.2	1.7	9.0	3.0	-5.0	3.3	-2.1

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 33 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
12/11/2003	39.0	54.0	47.1	24.8	51.1	43.9	3.9	12.2	8.4	-4.0	10.6	6.6
12/12/2003	30.2	39.0	35.1	17.1	26.1	20.3	-1.0	3.9	1.7	-8.3	-3.3	-6.5
12/13/2003	23.0	30.9	28.0	6.8	18.0	12.4	-5.0	-0.6	-2.2	-14.0	-7.8	-10.9
12/14/2003	24.1	28.0	25.9	8.1	27.0	20.5	-4.4	-2.2	-3.4	-13.3	-2.8	-6.4
12/15/2003	26.1	37.0	30.0	23.0	30.9	25.9	-3.3	2.8	-1.1	-5.0	-0.6	-3.4
12/16/2003	19.0	37.9	29.5	17.1	28.0	23.2	-7.2	3.3	-1.4	-8.3	-2.2	-4.9
12/17/2003	25.0	34.0	32.0	21.2	33.8	30.0	-3.9	1.1	0.0	-6.0	1.0	-1.1
12/18/2003	27.0	30.2	29.1	19.0	24.8	20.8	-2.8	-1.0	-1.6	-7.2	-4.0	-6.2
12/19/2003	26.6	32.0	29.5	21.0	23.0	21.9	-3.0	0.0	-1.4	-6.1	-5.0	-5.6
12/20/2003	21.0	32.0	27.3	12.9	21.9	19.2	-6.1	0.0	-2.6	-10.6	-5.6	-7.1
12/21/2003	24.1	34.0	27.5	10.9	18.0	14.9	-4.4	1.1	-2.5	-11.7	-7.8	-9.5
12/22/2003	19.0	36.0	26.2	12.9	27.0	18.0	-7.2	2.2	-3.2	-10.6	-2.8	-7.8
12/23/2003	33.8	50.0	39.0	26.1	36.0	31.8	1.0	10.0	3.9	-3.3	2.2	-0.1
12/24/2003	37.4	50.0	43.7	30.0	48.2	40.1	3.0	10.0	6.5	-1.1	9.0	4.5
12/25/2003	28.0	39.0	33.8	18.0	36.0	26.1	-2.2	3.9	1.0	-7.8	2.2	-3.3
12/26/2003	30.0	43.0	34.0	18.0	27.0	22.6	-1.1	6.1	1.1	-7.8	-2.8	-5.2
12/27/2003	30.0	46.0	35.6	19.4	30.0	25.0	-1.1	7.8	2.0	-7.0	-1.1	-3.9
12/28/2003	21.2	45.0	28.6	21.0	30.9	25.5	-6.0	7.2	-1.9	-6.1	-0.6	-3.6
12/29/2003	23.0	46.0	30.6	21.0	32.0	26.1	-5.0	7.8	-0.8	-6.1	0.0	-3.3
12/30/2003	33.1	42.1	37.8	21.2	37.4	31.5	0.6	5.6	3.2	-6.0	3.0	-0.3
12/31/2003	27.0	45.0	37.8	21.9	27.0	31.5	-2.8	7.2	3.2	-5.6	-2.8	-0.3
1/1/2004	28.9	46.0	38.1	17.1	26.1	22.1	-1.7	7.8	3.4	-8.3	-3.3	-5.5
1/2/2004	32.0	37.9	35.2	25.0	36.0	31.5	0.0	3.3	1.8	-3.9	2.2	-0.3
1/3/2004	37.9	48.2	44.8	36.0	46.9	43.9	3.3	9.0	7.1	2.2	8.3	6.6
1/4/2004	35.6	46.4	43.2	33.1	46.4	41.2	2.0	8.0	6.2	0.6	8.0	5.1
1/5/2004	33.8	39.9	36.7	32.0	37.4	34.3	1.0	4.4	2.6	0.0	3.0	1.3
1/6/2004	19.4	37.4	30.0	1.4	33.1	19.0	-7.0	3.0	-1.1	-17.0	0.6	-7.2
1/7/2004	14.0	21.2	17.6	-2.0	10.0	2.7	-10.0	-6.0	-8.0	-18.9	-12.2	-16.3
1/8/2004	19.0	30.0	22.8	3.2	14.0	9.5	-7.2	-1.1	-5.1	-16.0	-10.0	-12.5
1/9/2004	5.0	27.0	16.2	-11.9	18.0	2.1	-15.0	-2.8	-8.8	-24.4	-7.8	-16.6
1/10/2004	-0.4	12.9	4.5	-11.9	-7.1	-8.9	-18.0	-10.6	-15.3	-24.4	-21.7	-22.7
1/11/2004	3.0	28.4	11.7	-7.1	7.0	0.5	-16.1	-2.0	-11.3	-21.7	-13.9	-17.5
1/12/2004	24.8	33.8	28.0	7.0	32.0	20.3	-4.0	1.0	-2.2	-13.9	0.0	-6.5
1/13/2004	23.0	37.0	34.0	5.0	30.9	23.5	-5.0	2.8	1.1	-15.0	-0.6	-4.7
1/14/2004	8.1	23.0	12.6	-5.8	9.0	2.5	-13.3	-5.0	-10.8	-21.0	-12.8	-16.4
1/15/2004	5.0	12.9	11.1	-11.2	9.0	3.9	-15.0	-10.6	-11.6	-24.0	-12.8	-15.6
1/16/2004	-0.4	23.0	8.2	-16.6	3.0	-7.8	-18.0	-5.0	-13.2	-27.0	-16.1	-22.1
1/17/2004	8.6	21.2	15.8	-0.9	17.6	6.4	-13.0	-6.0	-9.0	-18.3	-8.0	-14.2
1/18/2004	19.0	32.0	24.8	10.4	25.0	21.4	-7.2	0.0	-4.0	-12.0	-3.9	-5.9
1/19/2004	19.4	27.0	21.9	8.1	12.0	9.9	-7.0	-2.8	-5.6	-13.3	-11.1	-12.3
1/20/2004	19.4	27.0	22.1	3.9	10.9	7.2	-7.0	-2.8	-5.5	-15.6	-11.7	-13.8
1/21/2004	17.1	23.0	18.7	3.2	9.0	5.9	-8.3	-5.0	-7.4	-16.0	-12.8	-14.5
1/22/2004	18.0	33.1	23.4	-0.4	25.0	8.6	-7.8	0.6	-4.8	-18.0	-3.9	-13.0
1/23/2004	6.8	19.0	11.5	-8.0	1.9	-4.2	-14.0	-7.2	-11.4	-22.2	-16.7	-20.1
1/24/2004	8.1	19.9	12.0	-7.6	7.0	2.5	-13.3	-6.7	-11.1	-22.0	-13.9	-16.4

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 34 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
1/25/2004	1.0	16.0	7.9	-11.0	1.4	-5.1	-17.2	-8.9	-13.4	-23.9	-17.0	-20.6
1/26/2004	12.0	17.6	14.4	-2.2	14.0	9.0	-11.1	-8.0	-9.8	-19.0	-10.0	-12.8
1/27/2004	15.8	23.0	18.9	8.1	21.2	14.7	-9.0	-5.0	-7.3	-13.3	-6.0	-9.6
1/28/2004	21.0	26.1	22.3	7.0	21.2	17.1	-6.1	-3.3	-5.4	-13.9	-6.0	-8.3
1/29/2004	17.6	21.9	19.8	-2.9	10.9	3.9	-8.0	-5.6	-6.8	-19.4	-11.7	-15.6
1/30/2004	7.0	18.0	13.3	-2.9	3.9	-0.4	-13.9	-7.8	-10.4	-19.4	-15.6	-18.0
1/31/2004	10.4	21.0	14.4	0.0	7.0	2.8	-12.0	-6.1	-9.8	-17.8	-13.9	-16.2
2/1/2004	12.9	33.1	19.9	3.2	14.0	8.8	-10.6	0.6	-6.7	-16.0	-10.0	-12.9
2/2/2004	6.1	30.9	17.6	3.9	18.0	11.3	-14.4	-0.6	-8.0	-15.6	-7.8	-11.5
2/3/2004	18.0	33.8	28.0	14.0	32.0	25.0	-7.8	1.0	-2.2	-10.0	0.0	-3.9
2/4/2004	30.2	35.6	33.8	16.0	32.0	25.5	-1.0	2.0	1.0	-8.9	0.0	-3.6
2/5/2004	16.0	30.9	23.5	9.0	21.9	14.5	-8.9	-0.6	-4.7	-12.8	-5.6	-9.7
2/6/2004	24.8	37.0	28.9	21.0	33.8	25.9	-4.0	2.8	-1.7	-6.1	1.0	-3.4
2/7/2004	28.4	37.0	34.0	12.2	34.0	29.8	-2.0	2.8	1.1	-11.0	1.1	-1.2
2/8/2004	12.2	30.0	22.3	0.0	12.9	6.8	-11.0	-1.1	-5.4	-17.8	-10.6	-14.0
2/9/2004	8.1	36.0	19.9	3.9	21.2	10.4	-13.3	2.2	-6.7	-15.6	-6.0	-12.0
2/10/2004	26.1	41.0	34.9	19.0	26.1	21.4	-3.3	5.0	1.6	-7.2	-3.3	-5.9
2/11/2004	26.1	37.0	31.3	10.9	28.4	17.8	-3.3	2.8	-0.4	-11.7	-2.0	-7.9
2/12/2004	16.0	37.0	24.1	10.9	21.9	14.7	-8.9	2.8	-4.4	-11.7	-5.6	-9.6
2/13/2004	30.0	36.0	32.7	17.1	26.1	20.5	-1.1	2.2	0.4	-8.3	-3.3	-6.4
2/14/2004	25.0	35.1	30.2	16.0	19.4	18.0	-3.9	1.7	-1.0	-8.9	-7.0	-7.8
2/15/2004	15.1	30.9	22.6	-2.9	21.0	6.8	-9.4	-0.6	-5.2	-19.4	-6.1	-14.0
2/16/2004	1.0	26.1	11.7	-6.0	10.9	0.3	-17.2	-3.3	-11.3	-21.1	-11.7	-17.6
2/17/2004	7.0	30.9	17.8	3.0	12.2	7.0	-13.9	-0.6	-7.9	-16.1	-11.0	-13.9
2/18/2004	14.0	37.9	25.0	9.0	16.0	12.0	-10.0	3.3	-3.9	-12.8	-8.9	-11.1
2/19/2004	25.0	45.0	34.2	12.9	26.6	20.8	-3.9	7.2	1.2	-10.6	-3.0	-6.2
2/20/2004	23.0	44.1	33.1	21.0	28.4	25.0	-5.0	6.7	0.6	-6.1	-2.0	-3.9
2/21/2004	35.1	41.0	37.8	23.0	34.0	30.2	1.7	5.0	3.2	-5.0	1.1	-1.0
2/22/2004	32.0	41.0	35.6	17.6	26.1	20.8	0.0	5.0	2.0	-8.0	-3.3	-6.2
2/23/2004	21.2	39.0	30.2	15.1	21.2	18.1	-6.0	3.9	-1.0	-9.4	-6.0	-7.7
2/24/2004	24.8	33.1	30.6	19.0	30.9	27.3	-4.0	0.6	-0.8	-7.2	-0.6	-2.6
2/25/2004	15.1	37.9	26.4	7.0	19.9	12.9	-9.4	3.3	-3.1	-13.9	-6.7	-10.6
2/26/2004	15.8	41.0	27.3	12.0	21.2	15.4	-9.0	5.0	-2.6	-11.1	-6.0	-9.2
2/27/2004	21.2	45.0	31.5	6.8	18.0	12.7	-6.0	7.2	-0.3	-14.0	-7.8	-10.7
2/28/2004	21.0	50.0	32.9	14.0	28.0	19.0	-6.1	10.0	0.5	-10.0	-2.2	-7.2
2/29/2004	21.0	46.9	33.3	21.0	32.0	25.0	-6.1	8.3	0.7	-6.1	0.0	-3.9
3/1/2004	24.8	46.0	34.9	24.8	33.1	29.1	-4.0	7.8	1.6	-4.0	0.6	-1.6
3/2/2004	35.6	59.0	44.6	30.2	46.0	36.5	2.0	15.0	7.0	-1.0	7.8	2.5
3/3/2004	33.8	51.8	43.9	33.1	41.0	37.0	1.0	11.0	6.6	0.6	5.0	2.8
3/4/2004	35.6	51.1	40.5	35.6	44.6	39.2	2.0	10.6	4.7	2.0	7.0	4.0
3/5/2004	41.0	50.0	46.0	41.0	48.2	44.2	5.0	10.0	7.8	5.0	9.0	6.8
3/6/2004	44.1	55.9	47.1	30.2	54.0	45.3	6.7	13.3	8.4	-1.0	12.2	7.4
3/7/2004	39.0	52.0	43.3	26.1	41.0	31.1	3.9	11.1	6.3	-3.3	5.0	-0.5
3/8/2004	35.1	42.1	38.1	28.9	39.2	35.2	1.7	5.6	3.4	-1.7	4.0	1.8
3/9/2004	28.9	37.9	33.8	19.0	33.8	25.0	-1.7	3.3	1.0	-7.2	1.0	-3.9

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 35 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
3/10/2004	30.0	43.0	33.6	26.6	32.0	29.7	-1.1	6.1	0.9	-3.0	0.0	-1.3
3/11/2004	23.0	51.1	35.4	21.0	32.0	25.3	-5.0	10.6	1.9	-6.1	0.0	-3.7
3/12/2004	28.4	46.9	36.1	15.8	37.4	24.4	-2.0	8.3	2.3	-9.0	3.0	-4.2
3/13/2004	24.8	42.1	32.0	6.1	18.0	12.7	-4.0	5.6	0.0	-14.4	-7.8	-10.7
3/14/2004	23.0	45.0	32.5	6.1	33.8	17.2	-5.0	7.2	0.3	-14.4	1.0	-8.2
3/15/2004	32.0	53.1	43.5	17.1	42.8	30.2	0.0	11.7	6.4	-8.3	6.0	-1.0
3/16/2004	28.0	45.0	30.7	17.1	30.2	25.9	-2.2	7.2	-0.7	-8.3	-1.0	-3.4
3/17/2004	26.6	33.1	29.3	26.1	32.0	28.6	-3.0	0.6	-1.5	-3.3	0.0	-1.9
3/18/2004	23.0	39.0	30.4	19.0	30.9	25.7	-5.0	3.9	-0.9	-7.2	-0.6	-3.5
3/19/2004	30.0	39.0	33.4	18.0	32.0	27.5	-1.1	3.9	0.8	-7.8	0.0	-2.5
3/20/2004	23.0	45.0	33.8	19.0	41.0	27.0	-5.0	7.2	1.0	-7.2	5.0	-2.8
3/21/2004	32.0	42.1	38.1	15.8	39.9	33.6	0.0	5.6	3.4	-9.0	4.4	0.9
3/22/2004	19.4	34.0	27.3	-2.2	17.1	5.4	-7.0	1.1	-2.6	-19.0	-8.3	-14.8
3/23/2004	14.0	48.0	29.7	-2.0	16.0	9.7	-10.0	8.9	-1.3	-18.9	-8.9	-12.4
3/24/2004	24.1	57.0	39.4	16.0	33.8	23.4	-4.4	13.9	4.1	-8.9	1.0	-4.8
3/25/2004	42.1	57.0	48.6	34.0	45.0	41.2	5.6	13.9	9.2	1.1	7.2	5.1
3/26/2004	41.0	64.9	51.8	41.0	50.0	44.2	5.0	18.3	11.0	5.0	10.0	6.8
3/27/2004	50.0	68.0	56.3	45.0	57.2	51.3	10.0	20.0	13.5	7.2	14.0	10.7
3/28/2004	45.0	64.9	52.2	37.0	46.4	41.2	7.2	18.3	11.2	2.8	8.0	5.1
3/29/2004	44.1	60.1	50.5	28.4	44.1	34.5	6.7	15.6	10.3	-2.0	6.7	1.4
3/30/2004	33.8	54.0	42.6	17.1	37.9	29.8	1.0	12.2	5.9	-8.3	3.3	-1.2
3/31/2004	41.0	51.8	45.3	37.9	44.6	41.7	5.0	11.0	7.4	3.3	7.0	5.4
4/1/2004	44.6	55.0	48.4	42.1	48.2	45.7	7.0	12.8	9.1	5.6	9.0	7.6
4/2/2004	44.1	51.1	46.6	39.9	45.0	42.6	6.7	10.6	8.1	4.4	7.2	5.9
4/3/2004	41.0	50.0	44.8	35.6	42.1	38.5	5.0	10.0	7.1	2.0	5.6	3.6
4/4/2004	32.0	46.0	39.4	19.9	42.1	35.2	0.0	7.8	4.1	-6.7	5.6	1.8
4/5/2004	24.8	41.0	32.0	1.0	24.1	9.7	-4.0	5.0	0.0	-17.2	-4.4	-12.4
4/6/2004	27.0	55.9	39.7	3.9	21.2	10.9	-2.8	13.3	4.3	-15.6	-6.0	-11.7
4/7/2004	39.9	66.0	51.1	21.0	37.9	32.5	4.4	18.9	10.6	-6.1	3.3	0.3
4/8/2004	33.1	52.0	41.7	25.0	39.9	34.0	0.6	11.1	5.4	-3.9	4.4	1.1
4/9/2004	35.6	60.1	43.9	15.1	41.0	35.2	2.0	15.6	6.6	-9.4	5.0	1.8
4/10/2004	30.0	62.1	45.3	18.0	28.9	26.6	-1.1	16.7	7.4	-7.8	-1.7	-3.0
4/11/2004	37.9	55.0	44.4	21.9	34.0	28.0	3.3	12.8	6.9	-5.6	1.1	-2.2
4/12/2004	39.0	54.0	44.6	21.0	41.0	32.7	3.9	12.2	7.0	-6.1	5.0	0.4
4/13/2004	41.0	46.9	44.4	39.2	46.9	43.5	5.0	8.3	6.9	4.0	8.3	6.4
4/14/2004	42.1	46.9	45.5	28.4	46.9	41.5	5.6	8.3	7.5	-2.0	8.3	5.3
4/15/2004	37.0	55.9	46.6	15.8	28.9	24.1	2.8	13.3	8.1	-9.0	-1.7	-4.4
4/16/2004	28.9	66.9	46.0	17.1	27.0	22.5	-1.7	19.4	7.8	-8.3	-2.8	-5.3
4/17/2004	42.1	80.1	58.6	27.0	50.0	39.0	5.6	26.7	14.8	-2.8	10.0	3.9
4/18/2004	46.9	82.9	65.1	46.0	59.0	51.8	8.3	28.3	18.4	7.8	15.0	11.0
4/19/2004	55.4	84.2	72.1	39.2	59.0	51.3	13.0	29.0	22.3	4.0	15.0	10.7
4/20/2004	48.9	75.0	60.1	37.0	60.1	45.3	9.4	23.9	15.6	2.8	15.6	7.4
4/21/2004	51.1	71.1	60.4	37.0	57.9	47.1	10.6	21.7	15.8	2.8	14.4	8.4
4/22/2004	55.0	73.9	62.8	50.0	59.0	54.5	12.8	23.3	17.1	10.0	15.0	12.5
4/23/2004	51.1	61.0	53.8	48.2	59.0	51.8	10.6	16.1	12.1	9.0	15.0	11.0

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 36 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
4/24/2004	46.9	66.9	54.1	33.1	53.1	45.1	8.3	19.4	12.3	0.6	11.7	7.3
4/25/2004	44.1	60.1	47.1	28.4	44.1	36.7	6.7	15.6	8.4	-2.0	6.7	2.6
4/26/2004	46.4	55.0	50.4	43.0	53.1	48.6	8.0	12.8	10.2	6.1	11.7	9.2
4/27/2004	42.1	57.9	47.3	27.0	48.0	41.0	5.6	14.4	8.5	-2.8	8.9	5.0
4/28/2004	32.0	59.0	44.6	18.0	37.0	26.1	0.0	15.0	7.0	-7.8	2.8	-3.3
4/29/2004	41.0	81.0	58.8	28.0	51.1	40.1	5.0	27.2	14.9	-2.2	10.6	4.5
4/30/2004	54.0	77.0	66.9	45.0	55.4	50.7	12.2	25.0	19.4	7.2	13.0	10.4
5/1/2004	61.0	79.0	70.2	53.1	62.6	58.1	16.1	26.1	21.2	11.7	17.0	14.5
5/2/2004	62.6	77.0	68.4	59.0	66.2	63.7	17.0	25.0	20.2	15.0	19.0	17.6
5/3/2004	46.0	62.1	54.3	32.0	61.0	45.3	7.8	16.7	12.4	0.0	16.1	7.4
5/4/2004	37.9	61.0	48.9	27.0	33.1	29.8	3.3	16.1	9.4	-2.8	0.6	-1.2
5/5/2004	41.0	64.9	49.8	27.0	53.1	41.4	5.0	18.3	9.9	-2.8	11.7	5.2
5/6/2004	36.0	73.9	53.8	36.0	48.9	40.6	2.2	23.3	12.1	2.2	9.4	4.8
5/7/2004	55.4	75.9	61.9	44.1	63.0	55.4	13.0	24.4	16.6	6.7	17.2	13.0
5/8/2004	48.0	66.9	56.7	32.0	48.2	40.5	8.9	19.4	13.7	0.0	9.0	4.7
5/9/2004	50.0	73.0	57.9	43.0	60.8	50.2	10.0	22.8	14.4	6.1	16.0	10.1
5/10/2004	55.0	86.0	66.4	55.0	66.2	60.1	12.8	30.0	19.1	12.8	19.0	15.6
5/11/2004	60.8	84.0	71.6	60.1	64.9	62.4	16.0	28.9	22.0	15.6	18.3	16.9
5/12/2004	62.6	82.9	68.5	62.6	69.8	65.3	17.0	28.3	20.3	17.0	21.0	18.5
5/13/2004	60.8	86.0	69.3	60.8	66.9	63.7	16.0	30.0	20.7	16.0	19.4	17.6
5/14/2004	64.4	80.1	71.4	63.0	70.0	66.6	18.0	26.7	21.9	17.2	21.1	19.2
5/15/2004	62.6	81.0	69.8	62.1	68.0	65.1	17.0	27.2	21.0	16.7	20.0	18.4
5/16/2004	60.1	73.9	65.5	54.0	63.0	58.3	15.6	23.3	18.6	12.2	17.2	14.6
5/17/2004	53.1	79.0	62.6	53.1	64.4	57.4	11.7	26.1	17.0	11.7	18.0	14.1
5/18/2004	62.6	80.1	70.5	62.1	66.2	64.2	17.0	26.7	21.4	16.7	19.0	17.9
5/19/2004	60.8	73.9	65.7	55.9	66.9	62.8	16.0	23.3	18.7	13.3	19.4	17.1
5/20/2004	53.6	68.0	59.9	53.6	63.0	57.7	12.0	20.0	15.5	12.0	17.2	14.3
5/21/2004	64.0	81.0	67.6	62.1	69.8	64.8	17.8	27.2	19.8	16.7	21.0	18.2
5/22/2004	62.6	84.0	69.6	62.1	70.0	66.4	17.0	28.9	20.9	16.7	21.1	19.1
5/23/2004	62.6	87.1	71.8	62.6	69.1	65.1	17.0	30.6	22.1	17.0	20.6	18.4
5/24/2004	64.4	86.0	72.3	60.1	69.1	64.4	18.0	30.0	22.4	15.6	20.6	18.0
5/25/2004	55.9	79.0	67.3	52.0	63.0	56.5	13.3	26.1	19.6	11.1	17.2	13.6
5/26/2004	64.0	78.1	68.7	62.1	66.2	64.4	17.8	25.6	20.4	16.7	19.0	18.0
5/27/2004	57.2	73.9	64.4	55.0	66.2	60.6	14.0	23.3	18.0	12.8	19.0	15.9
5/28/2004	62.6	78.8	66.9	48.2	64.9	60.6	17.0	26.0	19.4	9.0	18.3	15.9
5/29/2004	46.0	66.9	57.2	34.0	48.0	39.0	7.8	19.4	14.0	1.1	8.9	3.9
5/30/2004	41.0	72.0	55.4	37.9	50.0	43.3	5.0	22.2	13.0	3.3	10.0	6.3
5/31/2004	54.0	66.9	58.1	48.9	57.0	52.7	12.2	19.4	14.5	9.4	13.9	11.5
6/1/2004	57.0	75.2	62.1	48.2	59.0	55.0	13.9	24.0	16.7	9.0	15.0	12.8
6/2/2004	53.1	72.0	61.7	52.0	59.0	54.5	11.7	22.2	16.5	11.1	15.0	12.5
6/3/2004	55.9	75.9	63.5	46.0	57.2	52.5	13.3	24.4	17.5	7.8	14.0	11.4
6/4/2004	46.9	71.1	60.6	41.0	55.4	47.8	8.3	21.7	15.9	5.0	13.0	8.8
6/5/2004	55.0	66.0	57.9	50.0	55.9	53.2	12.8	18.9	14.4	10.0	13.3	11.8
6/6/2004	53.1	66.0	57.9	48.9	55.9	52.7	11.7	18.9	14.4	9.4	13.3	11.5
6/7/2004	55.0	80.1	63.3	53.1	64.9	57.6	12.8	26.7	17.4	11.7	18.3	14.2

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 37 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
6/8/2004	57.2	84.9	66.7	57.0	66.0	60.3	14.0	29.4	19.3	13.9	18.9	15.7
6/9/2004	60.8	91.0	72.7	60.1	70.0	64.6	16.0	32.8	22.6	15.6	21.1	18.1
6/10/2004	61.0	84.0	68.0	57.2	70.0	63.0	16.1	28.9	20.0	14.0	21.1	17.2
6/11/2004	57.0	63.0	60.1	46.9	59.0	52.0	13.9	17.2	15.6	8.3	15.0	11.1
6/12/2004	46.4	73.9	56.5	39.9	54.0	47.3	8.0	23.3	13.6	4.4	12.2	8.5
6/13/2004	52.0	69.1	61.5	43.0	51.8	48.6	11.1	20.6	16.4	6.1	11.0	9.2
6/14/2004	64.0	82.0	69.8	52.0	69.1	60.6	17.8	27.8	21.0	11.1	20.6	15.9
6/15/2004	64.4	87.1	70.5	61.0	71.1	65.5	18.0	30.6	21.4	16.1	21.7	18.6
6/16/2004	62.6	84.9	69.8	61.0	71.6	64.8	17.0	29.4	21.0	16.1	22.0	18.2
6/17/2004	69.8	82.9	73.6	66.2	75.0	69.8	21.0	28.3	23.1	19.0	23.9	21.0
6/18/2004	69.1	84.9	73.4	68.0	72.0	69.3	20.6	29.4	23.0	20.0	22.2	20.7
6/19/2004	64.0	77.0	70.5	39.0	72.0	59.7	17.8	25.0	21.4	3.9	22.2	15.4
6/20/2004	48.9	72.0	60.3	41.0	48.2	44.1	9.4	22.2	15.7	5.0	9.0	6.7
6/21/2004	46.9	78.1	62.1	46.0	52.0	49.5	8.3	25.6	16.7	7.8	11.1	9.7
6/22/2004	64.4	82.0	69.8	52.0	70.0	63.7	18.0	27.8	21.0	11.1	21.1	17.6
6/23/2004	60.1	81.0	70.9	55.0	66.0	58.6	15.6	27.2	21.6	12.8	18.9	14.8
6/24/2004	54.0	82.9	66.4	53.6	61.0	57.7	12.2	28.3	19.1	12.0	16.1	14.3
6/25/2004	62.6	79.0	68.2	54.0	64.9	60.1	17.0	26.1	20.1	12.2	18.3	15.6
6/26/2004	61.0	75.0	66.4	48.2	64.9	57.9	16.1	23.9	19.1	9.0	18.3	14.4
6/27/2004	46.9	75.0	62.2	46.0	53.6	49.3	8.3	23.9	16.8	7.8	12.0	9.6
6/28/2004	52.0	71.1	60.8	51.1	63.0	56.5	11.1	21.7	16.0	10.6	17.2	13.6
6/29/2004	55.4	75.9	63.9	54.0	63.0	56.5	13.0	24.4	17.7	12.2	17.2	13.6
6/30/2004	55.9	81.0	66.9	55.0	64.4	57.7	13.3	27.2	19.4	12.8	18.0	14.3
7/1/2004	55.9	82.0	68.4	55.9	71.1	61.9	13.3	27.8	20.2	13.3	21.7	16.6
7/2/2004	57.9	84.9	71.8	57.9	66.0	61.9	14.4	29.4	22.1	14.4	18.9	16.6
7/3/2004	55.0	82.0	69.8	54.0	64.9	58.3	12.8	27.8	21.0	12.2	18.3	14.6
7/4/2004	64.0	79.0	72.1	62.1	71.6	65.7	17.8	26.1	22.3	16.7	22.0	18.7
7/5/2004	70.0	87.1	75.9	66.2	73.4	70.0	21.1	30.6	24.4	19.0	23.0	21.1
7/6/2004	64.0	82.0	72.5	55.4	69.1	60.1	17.8	27.8	22.5	13.0	20.6	15.6
7/7/2004	63.0	84.0	72.1	62.1	73.0	66.4	17.2	28.9	22.3	16.7	22.8	19.1
7/8/2004	66.2	82.0	70.5	59.0	72.0	66.7	19.0	27.8	21.4	15.0	22.2	19.3
7/9/2004	63.0	77.0	70.0	57.0	62.1	58.1	17.2	25.0	21.1	13.9	16.7	14.5
7/10/2004	55.4	81.0	66.7	55.4	66.2	59.2	13.0	27.2	19.3	13.0	19.0	15.1
7/11/2004	62.1	84.9	72.1	61.0	66.9	64.0	16.7	29.4	22.3	16.1	19.4	17.8
7/12/2004	68.0	80.1	70.2	66.0	70.0	67.8	20.0	26.7	21.2	18.9	21.1	19.9
7/13/2004	66.0	79.0	69.8	64.0	68.0	65.8	18.9	26.1	21.0	17.8	20.0	18.8
7/14/2004	66.2	75.9	70.0	64.4	69.8	67.5	19.0	24.4	21.1	18.0	21.0	19.7
7/15/2004	60.1	73.9	66.4	57.0	68.0	61.9	15.6	23.3	19.1	13.9	20.0	16.6
7/16/2004	62.6	80.1	68.0	57.0	66.9	61.7	17.0	26.7	20.0	13.9	19.4	16.5
7/17/2004	60.1	81.0	68.9	60.1	66.9	62.6	15.6	27.2	20.5	15.6	19.4	17.0
7/18/2004	64.9	75.0	68.4	63.0	66.9	64.6	18.3	23.9	20.2	17.2	19.4	18.1
7/19/2004	62.1	80.1	68.5	61.0	64.4	62.8	16.7	26.7	20.3	16.1	18.0	17.1
7/20/2004	62.6	82.0	69.8	60.1	64.4	62.8	17.0	27.8	21.0	15.6	18.0	17.1
7/21/2004	60.8	84.9	69.8	60.8	70.0	63.9	16.0	29.4	21.0	16.0	21.1	17.7
7/22/2004	66.0	87.1	75.2	66.0	71.6	68.7	18.9	30.6	24.0	18.9	22.0	20.4

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 38 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
7/23/2004	69.8	80.1	73.4	68.0	73.4	70.3	21.0	26.7	23.0	20.0	23.0	21.3
7/24/2004	60.1	75.9	67.8	45.0	68.0	56.7	15.6	24.4	19.9	7.2	20.0	13.7
7/25/2004	57.0	78.1	66.0	52.0	64.4	57.2	13.9	25.6	18.9	11.1	18.0	14.0
7/26/2004	64.0	72.0	67.5	60.1	66.2	63.7	17.8	22.2	19.7	15.6	19.0	17.6
7/27/2004	60.8	69.8	64.8	59.0	68.0	62.6	16.0	21.0	18.2	15.0	20.0	17.0
7/28/2004	66.2	78.8	69.6	62.1	66.9	66.0	19.0	26.0	20.9	16.7	19.4	18.9
7/29/2004	57.2	79.0	64.2	57.2	66.2	60.4	14.0	26.1	17.9	14.0	19.0	15.8
7/30/2004	62.6	82.0	70.0	60.8	71.6	65.1	17.0	27.8	21.1	16.0	22.0	18.4
7/31/2004	70.0	81.0	74.3	66.2	72.0	70.3	21.1	27.2	23.5	19.0	22.2	21.3
8/1/2004	69.1	84.9	74.5	68.0	71.6	69.3	20.6	29.4	23.6	20.0	22.0	20.7
8/2/2004	66.2	86.0	71.8	64.0	69.8	66.6	19.0	30.0	22.1	17.8	21.0	19.2
8/3/2004	64.4	89.1	72.7	60.8	69.8	65.5	18.0	31.7	22.6	16.0	21.0	18.6
8/4/2004	66.0	82.4	72.0	61.0	69.1	66.0	18.9	28.0	22.2	16.1	20.6	18.9
8/5/2004	63.0	75.0	68.0	51.8	68.0	60.4	17.2	23.9	20.0	11.0	20.0	15.8
8/6/2004	51.1	66.9	58.6	46.0	55.4	49.5	10.6	19.4	14.8	7.8	13.0	9.7
8/7/2004	53.1	66.0	59.2	46.0	55.9	50.7	11.7	18.9	15.1	7.8	13.3	10.4
8/8/2004	53.1	77.0	64.0	51.1	61.0	53.4	11.7	25.0	17.8	10.6	16.1	11.9
8/9/2004	53.6	81.0	65.5	48.0	60.8	55.2	12.0	27.2	18.6	8.9	16.0	12.9
8/10/2004	59.0	82.4	68.7	57.2	69.8	62.4	15.0	28.0	20.4	14.0	21.0	16.9
8/11/2004	64.4	82.4	69.3	57.9	66.9	64.6	18.0	28.0	20.7	14.4	19.4	18.1
8/12/2004	62.6	75.0	66.4	57.9	64.9	62.6	17.0	23.9	19.1	14.4	18.3	17.0
8/13/2004	62.1	77.0	65.7	60.8	64.4	62.2	16.7	25.0	18.7	16.0	18.0	16.8
8/14/2004	60.1	73.9	66.9	51.8	60.8	57.4	15.6	23.3	19.4	11.0	16.0	14.1
8/15/2004	60.1	79.0	67.3	57.0	61.0	59.0	15.6	26.1	19.6	13.9	16.1	15.0
8/16/2004	59.0	77.0	66.4	57.2	63.0	60.3	15.0	25.0	19.1	14.0	17.2	15.7
8/17/2004	57.2	77.0	63.7	55.4	63.0	57.9	14.0	25.0	17.6	13.0	17.2	14.4
8/18/2004	59.0	80.1	66.7	57.9	64.4	60.8	15.0	26.7	19.3	14.4	18.0	16.0
8/19/2004	64.0	77.0	69.8	61.0	68.0	64.4	17.8	25.0	21.0	16.1	20.0	18.0
8/20/2004	66.0	82.9	70.2	64.4	69.8	66.6	18.9	28.3	21.2	18.0	21.0	19.2
8/21/2004	64.4	71.1	68.5	57.0	68.0	64.8	18.0	21.7	20.3	13.9	20.0	18.2
8/22/2004	51.8	73.0	59.7	48.2	61.0	53.1	11.0	22.8	15.4	9.0	16.1	11.7
8/23/2004	53.1	82.0	60.4	51.8	66.0	55.8	11.7	27.8	15.8	11.0	18.9	13.2
8/24/2004	60.8	80.1	68.9	60.8	68.0	63.7	16.0	26.7	20.5	16.0	20.0	17.6
8/25/2004	68.0	77.0	71.2	61.0	68.0	64.6	20.0	25.0	21.8	16.1	20.0	18.1
8/26/2004	64.9	78.1	70.9	57.0	64.9	61.7	18.3	25.6	21.6	13.9	18.3	16.5
8/27/2004	71.1	82.9	75.4	64.0	70.0	67.3	21.7	28.3	24.1	17.8	21.1	19.6
8/28/2004	66.2	84.0	72.9	66.0	72.0	68.5	19.0	28.9	22.7	18.9	22.2	20.3
8/29/2004	68.0	86.0	74.8	66.2	72.0	69.6	20.0	30.0	23.8	19.0	22.2	20.9
8/30/2004	72.0	84.0	77.0	66.0	70.0	68.5	22.2	28.9	25.0	18.9	21.1	20.3
8/31/2004	68.0	80.1	72.7	55.0	69.8	61.7	20.0	26.7	22.6	12.8	21.0	16.5
9/1/2004	57.0	79.0	65.3	55.0	60.1	57.2	13.9	26.1	18.5	12.8	15.6	14.0
9/2/2004	53.6	77.0	63.1	50.0	59.0	54.9	12.0	25.0	17.3	10.0	15.0	12.7
9/3/2004	55.4	79.0	64.4	55.0	62.6	58.1	13.0	26.1	18.0	12.8	17.0	14.5
9/4/2004	59.0	82.9	66.6	57.2	66.2	61.0	15.0	28.3	19.2	14.0	19.0	16.1
9/5/2004	62.1	75.9	66.6	60.8	66.0	62.8	16.7	24.4	19.2	16.0	18.9	17.1

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 39 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
9/6/2004	60.1	75.0	66.0	53.1	61.0	56.1	15.6	23.9	18.9	11.7	16.1	13.4
9/7/2004	66.2	77.0	70.3	60.1	68.0	62.2	19.0	25.0	21.3	15.6	20.0	16.8
9/8/2004	66.2	73.0	69.4	64.4	69.8	66.9	19.0	22.8	20.8	18.0	21.0	19.4
9/9/2004	66.2	75.9	71.6	60.8	71.6	68.4	19.0	24.4	22.0	16.0	22.0	20.2
9/10/2004	60.1	78.1	67.5	55.0	62.1	59.2	15.6	25.6	19.7	12.8	16.7	15.1
9/11/2004	55.4	77.0	61.9	53.6	63.0	56.5	13.0	25.0	16.6	12.0	17.2	13.6
9/12/2004	57.0	75.9	66.0	55.0	63.0	59.7	13.9	24.4	18.9	12.8	17.2	15.4
9/13/2004	60.1	82.9	66.0	57.9	64.0	61.0	15.6	28.3	18.9	14.4	17.8	16.1
9/14/2004	55.9	73.4	64.8	55.0	63.0	59.4	13.3	23.0	18.2	12.8	17.2	15.2
9/15/2004	61.0	70.0	65.8	55.0	62.6	58.8	16.1	21.1	18.8	12.8	17.0	14.9
9/16/2004	63.0	73.9	67.5	60.1	64.4	62.4	17.2	23.3	19.7	15.6	18.0	16.9
9/17/2004	60.8	70.0	64.9	57.9	66.9	63.1	16.0	21.1	18.3	14.4	19.4	17.3
9/18/2004	57.0	69.1	61.3	41.0	59.0	53.2	13.9	20.6	16.3	5.0	15.0	11.8
9/19/2004	48.0	68.0	56.5	36.0	43.0	40.5	8.9	20.0	13.6	2.2	6.1	4.7
9/20/2004	42.1	70.0	53.2	39.9	55.0	43.5	5.6	21.1	11.8	4.4	12.8	6.4
9/21/2004	50.0	78.1	56.7	48.0	63.0	50.9	10.0	25.6	13.7	8.9	17.2	10.5
9/22/2004	51.1	82.0	59.2	48.2	62.1	53.1	10.6	27.8	15.1	9.0	16.7	11.7
9/23/2004	53.1	82.9	65.1	52.0	66.0	57.0	11.7	28.3	18.4	11.1	18.9	13.9
9/24/2004	59.0	80.1	64.6	57.2	64.9	61.5	15.0	26.7	18.1	14.0	18.3	16.4
9/25/2004	57.9	77.0	64.8	57.2	66.2	60.4	14.4	25.0	18.2	14.0	19.0	15.8
9/26/2004	55.9	73.0	65.5	51.1	66.0	56.3	13.3	22.8	18.6	10.6	18.9	13.5
9/27/2004	51.1	71.1	55.9	50.0	61.0	53.1	10.6	21.7	13.3	10.0	16.1	11.7
9/28/2004	62.6	69.1	63.9	60.1	63.0	62.1	17.0	20.6	17.7	15.6	17.2	16.7
9/29/2004	59.0	70.0	63.5	51.8	61.0	55.2	15.0	21.1	17.5	11.0	16.1	12.9
9/30/2004	55.4	66.9	59.7	45.0	57.2	53.8	13.0	19.4	15.4	7.2	14.0	12.1
10/1/2004	46.0	69.1	52.7	46.0	53.6	48.6	7.8	20.6	11.5	7.8	12.0	9.2
10/2/2004	55.0	69.1	63.7	51.1	63.0	58.8	12.8	20.6	17.6	10.6	17.2	14.9
10/3/2004	44.1	64.4	53.1	33.1	62.1	45.1	6.7	18.0	11.7	0.6	16.7	7.3
10/4/2004	42.8	70.0	48.7	42.1	51.1	44.6	6.0	21.1	9.3	5.6	10.6	7.0
10/5/2004	39.0	59.0	49.8	30.2	44.1	37.4	3.9	15.0	9.9	-1.0	6.7	3.0
10/6/2004	35.1	64.9	44.6	34.0	48.0	38.5	1.7	18.3	7.0	1.1	8.9	3.6
10/7/2004	41.0	73.9	52.9	39.0	55.9	44.4	5.0	23.3	11.6	3.9	13.3	6.9
10/8/2004	48.2	73.0	55.4	46.4	55.0	50.2	9.0	22.8	13.0	8.0	12.8	10.1
10/9/2004	51.1	69.1	59.5	48.2	55.4	52.0	10.6	20.6	15.3	9.0	13.0	11.1
10/10/2004	48.0	62.1	53.1	39.9	57.0	48.7	8.9	16.7	11.7	4.4	13.9	9.3
10/11/2004	46.4	57.9	52.2	35.6	41.0	37.8	8.0	14.4	11.2	2.0	5.0	3.2
10/12/2004	39.0	66.0	50.0	32.0	39.2	36.1	3.9	18.9	10.0	0.0	4.0	2.3
10/13/2004	35.6	61.0	46.8	35.1	46.9	39.4	2.0	16.1	8.2	1.7	8.3	4.1
10/14/2004	48.9	54.0	51.1	44.1	50.0	48.2	9.4	12.2	10.6	6.7	10.0	9.0
10/15/2004	50.0	60.8	54.5	46.4	55.9	51.4	10.0	16.0	12.5	8.0	13.3	10.8
10/16/2004	44.6	54.0	49.8	35.6	46.9	42.4	7.0	12.2	9.9	2.0	8.3	5.8
10/17/2004	42.1	48.9	45.3	30.2	37.0	33.1	5.6	9.4	7.4	-1.0	2.8	0.6
10/18/2004	44.1	55.4	48.0	33.1	44.6	37.0	6.7	13.0	8.9	0.6	7.0	2.8
10/19/2004	46.0	50.0	47.3	44.1	46.9	45.3	7.8	10.0	8.5	6.7	8.3	7.4
10/20/2004	46.4	48.2	47.5	44.6	46.4	45.9	8.0	9.0	8.6	7.0	8.0	7.7

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 40 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
10/21/2004	Bad or missing data											
10/22/2004	44.6	51.1	48.2	42.8	46.0	43.9	7.0	10.6	9.0	6.0	7.8	6.6
10/23/2004	35.1	55.0	41.9	35.1	43.0	38.7	1.7	12.8	5.5	1.7	6.1	3.7
10/24/2004	41.0	48.9	45.0	37.0	41.0	39.2	5.0	9.4	7.2	2.8	5.0	4.0
10/25/2004	46.0	61.0	49.6	41.0	48.9	44.6	7.8	16.1	9.8	5.0	9.4	7.0
10/26/2004	48.2	57.9	53.2	42.1	48.9	46.8	9.0	14.4	11.8	5.6	9.4	8.2
10/27/2004	42.1	62.1	48.2	39.9	46.0	43.2	5.6	16.7	9.0	4.4	7.8	6.2
10/28/2004	46.0	60.1	53.8	37.9	45.0	40.8	7.8	15.6	12.1	3.3	7.2	4.9
10/29/2004	39.2	55.4	47.5	37.0	50.0	42.6	4.0	13.0	8.6	2.8	10.0	5.9
10/30/2004	53.1	64.4	56.7	50.0	59.0	53.8	11.7	18.0	13.7	10.0	15.0	12.1
10/31/2004	57.0	66.9	63.1	39.0	59.0	48.9	13.9	19.4	17.3	3.9	15.0	9.4
11/1/2004	46.9	57.9	51.8	37.9	42.8	40.3	8.3	14.4	11.0	3.3	6.0	4.6
11/2/2004	46.9	64.0	53.6	37.4	53.6	41.9	8.3	17.8	12.0	3.0	12.0	5.5
11/3/2004	44.6	59.0	52.7	26.1	55.9	43.3	7.0	15.0	11.5	-3.3	13.3	6.3
11/4/2004	32.0	44.6	37.8	28.9	41.0	33.1	0.0	7.0	3.2	-1.7	5.0	0.6
11/5/2004	42.1	51.8	45.9	21.9	43.0	34.0	5.6	11.0	7.7	-5.6	6.1	1.1
11/6/2004	30.0	60.8	44.4	23.0	35.1	29.8	-1.1	16.0	6.9	-5.0	1.7	-1.2
11/7/2004	33.8	69.1	47.7	32.0	44.6	37.2	1.0	20.6	8.7	0.0	7.0	2.9
11/8/2004	37.0	62.1	44.8	12.9	42.1	25.2	2.8	16.7	7.1	-10.6	5.6	-3.8
11/9/2004	28.0	41.0	34.5	15.1	30.9	23.0	-2.2	5.0	1.4	-9.4	-0.6	-5.0
11/10/2004	23.0	45.0	32.7	19.0	26.1	21.2	-5.0	7.2	0.4	-7.2	-3.3	-6.0
11/11/2004	37.4	54.0	44.4	27.0	39.9	32.2	3.0	12.2	6.9	-2.8	4.4	0.1
11/12/2004	35.6	44.1	37.2	30.0	35.1	33.3	2.0	6.7	2.9	-1.1	1.7	0.7
11/13/2004	30.2	41.0	36.1	12.9	32.0	23.0	-1.0	5.0	2.3	-10.6	0.0	-5.0
11/14/2004	26.1	46.9	34.2	14.0	26.6	20.8	-3.3	8.3	1.2	-10.0	-3.0	-6.2
11/15/2004	24.8	54.0	36.0	21.2	34.0	25.9	-4.0	12.2	2.2	-6.0	1.1	-3.4
11/16/2004	30.2	57.0	41.4	24.1	33.1	28.4	-1.0	13.9	5.2	-4.4	0.6	-2.0
11/17/2004	35.1	54.0	43.9	28.9	43.0	34.7	1.7	12.2	6.6	-1.7	6.1	1.5
11/18/2004	44.6	52.0	47.5	42.1	48.9	45.7	7.0	11.1	8.6	5.6	9.4	7.6
11/19/2004	44.1	57.9	48.2	44.1	48.9	46.2	6.7	14.4	9.0	6.7	9.4	7.9
11/20/2004	46.0	51.1	47.7	42.1	46.4	44.8	7.8	10.6	8.7	5.6	8.0	7.1
11/21/2004	48.0	55.9	50.2	41.0	50.0	46.9	8.9	13.3	10.1	5.0	10.0	8.3
11/22/2004	36.0	48.9	41.7	35.1	41.0	36.7	2.2	9.4	5.4	1.7	5.0	2.6
11/23/2004	32.0	46.9	37.6	30.2	42.8	34.9	0.0	8.3	3.1	-1.0	6.0	1.6
11/24/2004	45.0	55.9	50.2	41.0	53.6	48.2	7.2	13.3	10.1	5.0	12.0	9.0
11/25/2004	35.6	63.0	54.1	19.4	57.9	48.0	2.0	17.2	12.3	-7.0	14.4	8.9
11/26/2004	30.2	42.1	35.2	15.1	24.8	20.3	-1.0	5.6	1.8	-9.4	-4.0	-6.5
11/27/2004	39.0	48.9	43.2	17.6	35.6	24.1	3.9	9.4	6.2	-8.0	2.0	-4.4
11/28/2004	44.1	54.0	50.4	30.0	50.0	43.9	6.7	12.2	10.2	-1.1	10.0	6.6
11/29/2004	35.1	44.1	39.2	23.0	30.0	25.7	1.7	6.7	4.0	-5.0	-1.1	-3.5
11/30/2004	34.0	46.9	39.0	28.0	32.0	30.0	1.1	8.3	3.9	-2.2	0.0	-1.1
12/1/2004	41.0	48.9	44.8	26.1	44.1	36.9	5.0	9.4	7.1	-3.3	6.7	2.7
12/2/2004	33.8	42.1	37.8	24.1	28.9	26.2	1.0	5.6	3.2	-4.4	-1.7	-3.2
12/3/2004	26.1	44.6	31.8	14.0	30.0	24.6	-3.3	7.0	-0.1	-10.0	-1.1	-4.1
12/4/2004	21.0	43.0	30.7	15.1	24.8	20.1	-6.1	6.1	-0.7	-9.4	-4.0	-6.6

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 41 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
12/5/2004	35.1	52.0	42.1	24.1	34.0	28.6	1.7	11.1	5.6	-4.4	1.1	-1.9
12/6/2004	28.9	37.4	33.8	21.2	37.4	29.7	-1.7	3.0	1.0	-6.0	3.0	-1.3
12/7/2004	37.9	44.6	41.2	37.0	42.8	39.0	3.3	7.0	5.1	2.8	6.0	3.9
12/8/2004	42.8	54.0	46.2	30.9	44.6	40.8	6.0	12.2	7.9	-0.6	7.0	4.9
12/9/2004	30.2	43.0	37.0	28.4	37.4	32.0	-1.0	6.1	2.8	-2.0	3.0	0.0
12/10/2004	39.2	45.0	42.4	37.4	42.8	40.6	4.0	7.2	5.8	3.0	6.0	4.8
12/11/2004	41.0	45.0	42.8	32.0	42.8	39.9	5.0	7.2	6.0	0.0	6.0	4.4
12/12/2004	35.1	41.0	37.6	26.1	32.0	29.3	1.7	5.0	3.1	-3.3	0.0	-1.5
12/13/2004	33.8	39.2	36.5	21.0	33.1	27.7	1.0	4.0	2.5	-6.1	0.6	-2.4
12/14/2004	24.8	33.8	30.6	10.0	28.0	19.0	-4.0	1.0	-0.8	-12.2	-2.2	-7.2
12/15/2004	19.4	34.0	25.9	5.0	19.0	13.3	-7.0	1.1	-3.4	-15.0	-7.2	-10.4
12/16/2004	17.1	37.0	26.6	12.9	19.9	16.0	-8.3	2.8	-3.0	-10.6	-6.7	-8.9
12/17/2004	26.6	37.4	35.1	14.0	27.0	19.2	-3.0	3.0	1.7	-10.0	-2.8	-7.1
12/18/2004	19.0	35.1	25.7	14.0	21.2	17.4	-7.2	1.7	-3.5	-10.0	-6.0	-8.1
12/19/2004	19.4	37.0	29.1	9.0	28.9	22.6	-7.0	2.8	-1.6	-12.8	-1.7	-5.2
12/20/2004	0.0	19.4	9.7	-13.0	12.2	-5.8	-17.8	-7.0	-12.4	-25.0	-11.0	-21.0
12/21/2004	9.0	32.0	18.7	-8.0	10.4	1.4	-12.8	0.0	-7.4	-22.2	-12.0	-17.0
12/22/2004	23.0	44.1	30.7	10.9	28.4	18.7	-5.0	6.7	-0.7	-11.7	-2.0	-7.4
12/23/2004	34.0	55.4	47.7	24.8	52.0	41.2	1.1	13.0	8.7	-4.0	11.1	5.1
12/24/2004	23.0	36.0	27.9	8.1	24.1	12.9	-5.0	2.2	-2.3	-13.3	-4.4	-10.6
12/25/2004	14.0	24.1	19.0	3.0	14.0	6.6	-10.0	-4.4	-7.2	-16.1	-10.0	-14.1
12/26/2004	12.2	27.0	18.1	8.1	12.9	10.0	-11.0	-2.8	-7.7	-13.3	-10.6	-12.2
12/27/2004	16.0	28.0	21.2	-7.1	15.1	3.7	-8.9	-2.2	-6.0	-21.7	-9.4	-15.7
12/28/2004	8.6	28.4	16.2	-4.0	10.4	5.2	-13.0	-2.0	-8.8	-20.0	-12.0	-14.9
12/29/2004	26.1	36.0	30.7	10.9	24.8	17.1	-3.3	2.2	-0.7	-11.7	-4.0	-8.3
12/30/2004	32.0	42.8	36.0	24.1	32.0	28.9	0.0	6.0	2.2	-4.4	0.0	-1.7
12/31/2004	41.0	48.9	36.0	30.9	39.2	28.9	5.0	9.4	2.2	-0.6	4.0	-1.7
1/1/2005	36.0	57.2	45.0	25.0	41.0	34.5	2.2	14.0	7.2	-3.9	5.0	1.4
1/2/2005	28.0	41.0	35.8	24.1	33.8	27.1	-2.2	5.0	2.1	-4.4	1.0	-2.7
1/3/2005	37.4	42.8	39.6	33.1	41.0	38.1	3.0	6.0	4.2	0.6	5.0	3.4
1/4/2005	39.2	46.0	42.3	37.0	42.8	39.7	4.0	7.8	5.7	2.8	6.0	4.3
1/5/2005	30.2	44.1	34.3	26.6	37.0	31.6	-1.0	6.7	1.3	-3.0	2.8	-0.2
1/6/2005	28.4	36.0	31.6	26.6	33.8	29.8	-2.0	2.2	-0.2	-3.0	1.0	-1.2
1/7/2005	28.4	39.0	33.8	18.0	33.8	24.3	-2.0	3.9	1.0	-7.8	1.0	-4.3
1/8/2005	28.9	37.9	34.2	23.0	34.0	30.2	-1.7	3.3	1.2	-5.0	1.1	-1.0
1/9/2005	32.0	37.0	33.4	24.1	28.9	26.4	0.0	2.8	0.8	-4.4	-1.7	-3.1
1/10/2005	34.0	41.0	36.7	26.6	33.8	29.8	1.1	5.0	2.6	-3.0	1.0	-1.2
1/11/2005	28.0	35.1	31.5	26.1	30.9	28.8	-2.2	1.7	-0.3	-3.3	-0.6	-1.8
1/12/2005	33.1	39.2	36.7	30.9	37.4	34.7	0.6	4.0	2.6	-0.6	3.0	1.5
1/13/2005	39.0	62.6	45.0	37.0	55.4	43.0	3.9	17.0	7.2	2.8	13.0	6.1
1/14/2005	33.8	64.4	47.8	17.1	55.9	41.5	1.0	18.0	8.8	-8.3	13.3	5.3
1/15/2005	19.4	33.1	25.5	5.0	19.0	11.3	-7.0	0.6	-3.6	-15.0	-7.2	-11.5
1/16/2005	21.0	28.4	25.2	14.0	24.8	19.8	-6.1	-2.0	-3.8	-10.0	-4.0	-6.8
1/17/2005	15.1	26.6	21.0	1.0	24.8	13.5	-9.4	-3.0	-6.1	-17.2	-4.0	-10.3
1/18/2005	6.1	15.1	10.0	-11.0	3.0	-6.0	-14.4	-9.4	-12.2	-23.9	-16.1	-21.1

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 42 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
1/19/2005	6.1	19.4	14.4	-9.0	14.0	5.4	-14.4	-7.0	-9.8	-22.8	-10.0	-14.8
1/20/2005	12.2	27.0	19.8	1.0	16.0	12.6	-11.0	-2.8	-6.8	-17.2	-8.9	-10.8
1/21/2005	5.0	21.0	11.8	-9.0	3.9	-3.3	-15.0	-6.1	-11.2	-22.8	-15.6	-19.6
1/22/2005	1.0	17.6	8.2	-8.0	14.0	0.7	-17.2	-8.0	-13.2	-22.2	-10.0	-17.4
1/23/2005	10.0	17.6	14.0	-7.6	15.8	5.9	-12.2	-8.0	-10.0	-22.0	-9.0	-14.5
1/24/2005	-2.0	17.6	9.7	-8.0	12.2	2.3	-18.9	-8.0	-12.4	-22.2	-11.0	-16.5
1/25/2005	17.1	30.9	24.3	10.0	21.0	16.3	-8.3	-0.6	-4.3	-12.2	-6.1	-8.7
1/26/2005	19.4	32.0	29.5	8.6	24.8	20.8	-7.0	0.0	-1.4	-13.0	-4.0	-6.2
1/27/2005	6.8	19.9	12.6	-6.0	8.1	-1.8	-14.0	-6.7	-10.8	-21.1	-13.3	-18.8
1/28/2005	-4.0	23.0	6.6	-9.0	5.0	-2.9	-20.0	-5.0	-14.1	-22.8	-15.0	-19.4
1/29/2005	1.0	27.0	11.1	-2.9	8.6	1.8	-17.2	-2.8	-11.6	-19.4	-13.0	-16.8
1/30/2005	24.1	39.0	28.9	7.0	19.9	14.9	-4.4	3.9	-1.7	-13.9	-6.7	-9.5
1/31/2005	12.2	34.0	23.5	10.0	17.1	14.2	-11.0	1.1	-4.7	-12.2	-8.3	-9.9
2/1/2005	10.0	36.0	20.7	6.1	19.9	12.6	-12.2	2.2	-6.3	-14.4	-6.7	-10.8
2/2/2005	10.0	37.9	21.2	6.8	19.0	13.5	-12.2	3.3	-6.0	-14.0	-7.2	-10.3
2/3/2005	21.0	36.0	27.9	14.0	27.0	17.4	-6.1	2.2	-2.3	-10.0	-2.8	-8.1
2/4/2005	28.0	46.9	35.1	17.1	27.0	24.4	-2.2	8.3	1.7	-8.3	-2.8	-4.2
2/5/2005	23.0	48.9	32.5	19.4	28.9	22.6	-5.0	9.4	0.3	-7.0	-1.7	-5.2
2/6/2005	21.0	50.0	32.9	19.0	28.0	24.1	-6.1	10.0	0.5	-7.2	-2.2	-4.4
2/7/2005	24.8	50.0	36.1	23.0	28.9	25.7	-4.0	10.0	2.3	-5.0	-1.7	-3.5
2/8/2005	33.8	43.0	38.1	26.1	37.0	31.5	1.0	6.1	3.4	-3.3	2.8	-0.3
2/9/2005	35.6	42.8	39.0	35.1	41.0	37.4	2.0	6.0	3.9	1.7	5.0	3.0
2/10/2005	30.2	41.0	37.0	17.6	39.9	32.7	-1.0	5.0	2.8	-8.0	4.4	0.4
2/11/2005	23.0	39.9	30.4	5.0	18.0	10.9	-5.0	4.4	-0.9	-15.0	-7.8	-11.7
2/12/2005	28.0	37.9	32.4	12.9	28.4	22.3	-2.2	3.3	0.2	-10.6	-2.0	-5.4
2/13/2005	26.6	39.0	32.5	7.0	24.1	14.7	-3.0	3.9	0.3	-13.9	-4.4	-9.6
2/14/2005	30.9	39.2	33.8	10.9	37.4	23.7	-0.6	4.0	1.0	-11.7	3.0	-4.6
2/15/2005	39.0	53.1	43.3	33.8	41.0	37.2	3.9	11.7	6.3	1.0	5.0	2.9
2/16/2005	34.0	50.0	40.6	21.9	37.9	34.0	1.1	10.0	4.8	-5.6	3.3	1.1
2/17/2005	26.1	37.0	30.6	14.0	28.4	21.7	-3.3	2.8	-0.8	-10.0	-2.0	-5.7
2/18/2005	19.4	28.0	23.4	1.9	21.0	8.2	-7.0	-2.2	-4.8	-16.7	-6.1	-13.2
2/19/2005	15.8	30.9	21.7	1.9	14.0	7.2	-9.0	-0.6	-5.7	-16.7	-10.0	-13.8
2/20/2005	24.8	33.8	29.7	12.0	26.6	17.8	-4.0	1.0	-1.3	-11.1	-3.0	-7.9
2/21/2005	30.0	34.0	30.9	26.1	32.0	28.2	-1.1	1.1	-0.6	-3.3	0.0	-2.1
2/22/2005	32.0	37.9	34.7	24.8	32.0	29.7	0.0	3.3	1.5	-4.0	0.0	-1.3
2/23/2005	28.4	37.0	32.7	12.9	32.0	24.8	-2.0	2.8	0.4	-10.6	0.0	-4.0
2/24/2005	21.2	30.9	25.0	12.0	21.9	16.7	-6.0	-0.6	-3.9	-11.1	-5.6	-8.5
2/25/2005	16.0	30.9	21.9	10.9	21.9	17.6	-8.9	-0.6	-5.6	-11.7	-5.6	-8.0
2/26/2005	17.6	37.0	24.4	6.8	28.4	17.6	-8.0	2.8	-4.2	-14.0	-2.0	-8.0
2/27/2005	14.0	33.1	23.9	6.1	12.9	8.1	-10.0	0.6	-4.5	-14.4	-10.6	-13.3
2/28/2005	26.1	30.9	28.8	8.1	28.4	19.4	-3.3	-0.6	-1.8	-13.3	-2.0	-7.0
3/1/2005	26.1	34.0	27.9	21.2	28.4	25.0	-3.3	1.1	-2.3	-6.0	-2.0	-3.9
3/2/2005	24.8	32.0	27.7	12.9	26.6	19.6	-4.0	0.0	-2.4	-10.6	-3.0	-6.9
3/3/2005	15.8	30.9	22.6	5.0	14.0	7.3	-9.0	-0.6	-5.2	-15.0	-10.0	-13.7
3/4/2005	10.0	32.0	22.1	3.9	12.2	8.1	-12.2	0.0	-5.5	-15.6	-11.0	-13.3

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 43 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
3/5/2005	8.6	41.0	23.7	6.1	19.4	10.8	-13.0	5.0	-4.6	-14.4	-7.0	-11.8
3/6/2005	15.1	45.0	28.9	10.0	28.9	18.3	-9.4	7.2	-1.7	-12.2	-1.7	-7.6
3/7/2005	28.0	55.9	39.6	26.6	37.4	29.3	-2.2	13.3	4.2	-3.0	3.0	-1.5
3/8/2005	19.4	46.9	30.7	-2.2	41.0	24.3	-7.0	8.3	-0.7	-19.0	5.0	-4.3
3/9/2005	15.1	26.1	19.4	-4.0	7.0	3.2	-9.4	-3.3	-7.0	-20.0	-13.9	-16.0
3/10/2005	8.6	28.9	20.5	1.9	10.9	6.8	-13.0	-1.7	-6.4	-16.7	-11.7	-14.0
3/11/2005	24.1	37.0	28.8	7.0	33.8	22.6	-4.4	2.8	-1.8	-13.9	1.0	-5.2
3/12/2005	19.9	34.0	30.4	17.1	33.8	25.7	-6.7	1.1	-0.9	-8.3	1.0	-3.5
3/13/2005	17.1	37.0	28.6	15.1	32.0	21.6	-8.3	2.8	-1.9	-9.4	0.0	-5.8
3/14/2005	19.9	36.0	28.6	9.0	19.9	12.7	-6.7	2.2	-1.9	-12.8	-6.7	-10.7
3/15/2005	23.0	41.0	30.6	8.1	15.1	12.0	-5.0	5.0	-0.8	-13.3	-9.4	-11.1
3/16/2005	19.9	43.0	29.8	10.9	19.9	15.6	-6.7	6.1	-1.2	-11.7	-6.7	-9.1
3/17/2005	23.0	48.0	32.5	14.0	24.8	18.7	-5.0	8.9	0.3	-10.0	-4.0	-7.4
3/18/2005	28.0	46.9	37.4	19.0	27.0	23.2	-2.2	8.3	3.0	-7.2	-2.8	-4.9
3/19/2005	25.0	50.0	36.3	19.9	30.2	22.6	-3.9	10.0	2.4	-6.7	-1.0	-5.2
3/20/2005	37.9	42.8	41.2	27.0	41.0	36.0	3.3	6.0	5.1	-2.8	5.0	2.2
3/21/2005	37.4	42.1	39.9	28.0	39.9	32.9	3.0	5.6	4.4	-2.2	4.4	0.5
3/22/2005	27.0	52.0	39.4	24.1	32.0	27.0	-2.8	11.1	4.1	-4.4	0.0	-2.8
3/23/2005	32.0	42.1	35.4	28.0	36.0	32.4	0.0	5.6	1.9	-2.2	2.2	0.2
3/24/2005	32.0	39.9	33.8	28.4	32.0	31.1	0.0	4.4	1.0	-2.0	0.0	-0.5
3/25/2005	35.6	46.0	38.8	28.0	35.1	32.7	2.0	7.8	3.8	-2.2	1.7	0.4
3/26/2005	28.9	43.0	35.8	26.1	33.1	28.8	-1.7	6.1	2.1	-3.3	0.6	-1.8
3/27/2005	37.0	46.4	40.8	32.0	37.4	33.3	2.8	8.0	4.9	0.0	3.0	0.7
3/28/2005	37.0	45.0	40.5	35.6	42.8	38.7	2.8	7.2	4.7	2.0	6.0	3.7
3/29/2005	42.1	55.0	45.7	35.6	43.0	40.1	5.6	12.8	7.6	2.0	6.1	4.5
3/30/2005	30.0	61.0	44.8	28.9	37.0	33.8	-1.1	16.1	7.1	-1.7	2.8	1.0
3/31/2005	41.0	54.0	47.8	33.1	39.9	35.8	5.0	12.2	8.8	0.6	4.4	2.1
4/1/2005	41.0	64.0	50.5	32.0	43.0	38.7	5.0	17.8	10.3	0.0	6.1	3.7
4/2/2005	46.0	57.9	47.8	35.1	46.9	44.4	7.8	14.4	8.8	1.7	8.3	6.9
4/3/2005	34.0	48.0	41.0	30.2	46.4	37.9	1.1	8.9	5.0	-1.0	8.0	3.3
4/4/2005	37.4	57.9	45.7	14.0	30.9	24.8	3.0	14.4	7.6	-10.0	-0.6	-4.0
4/5/2005	33.1	64.9	48.2	16.0	30.0	25.3	0.6	18.3	9.0	-8.9	-1.1	-3.7
4/6/2005	41.0	80.1	57.4	25.0	43.0	35.8	5.0	26.7	14.1	-3.9	6.1	2.1
4/7/2005	48.0	77.0	59.9	42.1	52.0	45.0	8.9	25.0	15.5	5.6	11.1	7.2
4/8/2005	44.1	64.9	54.5	26.1	53.1	36.9	6.7	18.3	12.5	-3.3	11.7	2.7
4/9/2005	35.1	66.0	50.9	14.0	33.1	26.1	1.7	18.9	10.5	-10.0	0.6	-3.3
4/10/2005	34.0	75.0	52.7	17.6	33.1	27.7	1.1	23.9	11.5	-8.0	0.6	-2.4
4/11/2005	46.9	66.0	54.9	3.2	32.0	17.8	8.3	18.9	12.7	-16.0	0.0	-7.9
4/12/2005	30.9	57.2	44.6	3.9	21.9	13.5	-0.6	14.0	7.0	-15.6	-5.6	-10.3
4/13/2005	30.0	60.1	46.0	9.0	26.1	20.7	-1.1	15.6	7.8	-12.8	-3.3	-6.3
4/14/2005	35.1	64.9	50.5	21.0	30.0	25.0	1.7	18.3	10.3	-6.1	-1.1	-3.9
4/15/2005	37.0	62.1	50.2	8.6	30.9	23.0	2.8	16.7	10.1	-13.0	-0.6	-5.0
4/16/2005	32.0	66.0	48.6	9.0	26.1	19.9	0.0	18.9	9.2	-12.8	-3.3	-6.7
4/17/2005	33.1	75.0	52.7	14.0	28.4	23.2	0.6	23.9	11.5	-10.0	-2.0	-4.9
4/18/2005	42.1	75.0	58.8	21.9	42.8	34.0	5.6	23.9	14.9	-5.6	6.0	1.1

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}
(Page 44 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
4/19/2005	43.0	82.9	61.7	33.1	44.6	37.9	6.1	28.3	16.5	0.6	7.0	3.3
4/20/2005	51.1	82.0	68.2	42.1	48.9	46.2	10.6	27.8	20.1	5.6	9.4	7.9
4/21/2005	44.1	73.0	54.7	19.9	55.9	34.2	6.7	22.8	12.6	-6.7	13.3	1.2
4/22/2005	34.0	55.9	46.0	21.9	42.8	31.8	1.1	13.3	7.8	-5.6	6.0	-0.1
4/23/2005	44.1	59.0	50.0	41.0	53.6	47.3	6.7	15.0	10.0	5.0	12.0	8.5
4/24/2005	37.0	53.6	43.0	28.0	51.8	35.4	2.8	12.0	6.1	-2.2	11.0	1.9
4/25/2005	36.0	48.0	41.0	28.0	33.1	30.7	2.2	8.9	5.0	-2.2	0.6	-0.7
4/26/2005	35.1	69.1	50.2	30.9	37.9	34.2	1.7	20.6	10.1	-0.6	3.3	1.2
4/27/2005	53.1	64.4	58.3	30.0	48.9	41.2	11.7	18.0	14.6	-1.1	9.4	5.1
4/28/2005	46.0	57.9	51.1	26.1	37.9	33.4	7.8	14.4	10.6	-3.3	3.3	0.8
4/29/2005	34.0	55.9	45.3	28.0	39.2	32.4	1.1	13.3	7.4	-2.2	4.0	0.2
4/30/2005	48.0	57.0	52.2	39.0	55.4	48.0	8.9	13.9	11.2	3.9	13.0	8.9
5/1/2005	46.4	57.9	53.1	26.1	54.0	42.4	8.0	14.4	11.7	-3.3	12.2	5.8
5/2/2005	35.6	51.1	43.3	30.0	39.9	34.0	2.0	10.6	6.3	-1.1	4.4	1.1
5/3/2005	30.0	53.1	40.1	26.6	35.1	30.2	-1.1	11.7	4.5	-3.0	1.7	-1.0
5/4/2005	30.9	54.0	43.9	28.9	34.0	31.6	-0.6	12.2	6.6	-1.7	1.1	-0.2
5/5/2005	30.9	63.0	46.9	28.0	34.0	30.9	-0.6	17.2	8.3	-2.2	1.1	-0.6
5/6/2005	39.9	63.0	53.4	26.6	37.0	32.9	4.4	17.2	11.9	-3.0	2.8	0.5
5/7/2005	35.1	69.8	53.8	27.0	34.0	30.9	1.7	21.0	12.1	-2.8	1.1	-0.6
5/8/2005	46.4	70.0	59.7	26.1	33.8	29.8	8.0	21.1	15.4	-3.3	1.0	-1.2
5/9/2005	46.0	81.0	62.6	32.0	37.9	35.2	7.8	27.2	17.0	0.0	3.3	1.8
5/10/2005	51.1	78.1	64.2	36.0	51.8	46.9	10.6	25.6	17.9	2.2	11.0	8.3
5/11/2005	55.9	89.1	71.4	44.1	57.0	51.1	13.3	31.7	21.9	6.7	13.9	10.6
5/12/2005	48.2	78.1	58.8	8.1	54.0	36.5	9.0	25.6	14.9	-13.3	12.2	2.5
5/13/2005	34.0	66.9	49.5	10.9	35.1	26.6	1.1	19.4	9.7	-11.7	1.7	-3.0
5/14/2005	53.1	77.0	63.0	33.1	62.6	48.9	11.7	25.0	17.2	0.6	17.0	9.4
5/15/2005	62.1	73.0	65.7	39.9	64.4	54.7	16.7	22.8	18.7	4.4	18.0	12.6
5/16/2005	44.1	68.0	56.3	32.0	44.1	38.8	6.7	20.0	13.5	0.0	6.7	3.8
5/17/2005	42.1	64.9	54.5	30.0	39.0	34.9	5.6	18.3	12.5	-1.1	3.9	1.6
5/18/2005	39.9	69.1	55.0	26.6	37.4	33.4	4.4	20.6	12.8	-3.0	3.0	0.8
5/19/2005	41.0	70.0	56.3	27.0	42.8	34.7	5.0	21.1	13.5	-2.8	6.0	1.5
5/20/2005	50.0	64.0	55.6	39.0	52.0	46.8	10.0	17.8	13.1	3.9	11.1	8.2
5/21/2005	46.0	71.6	55.4	34.0	48.0	43.2	7.8	22.0	13.0	1.1	8.9	6.2
5/22/2005	51.8	63.0	55.8	39.0	48.0	42.6	11.0	17.2	13.2	3.9	8.9	5.9
5/23/2005	42.1	61.0	51.6	39.0	52.0	42.6	5.6	16.1	10.9	3.9	11.1	5.9
5/24/2005	51.1	59.0	53.2	44.6	51.8	48.6	10.6	15.0	11.8	7.0	11.0	9.2
5/25/2005	50.0	64.0	54.7	42.8	50.0	45.0	10.0	17.8	12.6	6.0	10.0	7.2
5/26/2005	48.0	77.0	62.2	33.8	48.9	44.2	8.9	25.0	16.8	1.0	9.4	6.8
5/27/2005	45.0	80.1	63.7	30.9	53.6	43.3	7.2	26.7	17.6	-0.6	12.0	6.3
5/28/2005	48.2	66.0	55.9	46.4	55.4	51.4	9.0	18.9	13.3	8.0	13.0	10.8
5/29/2005	46.0	66.9	54.5	44.1	52.0	48.7	7.8	19.4	12.5	6.7	11.1	9.3
5/30/2005	44.1	71.6	52.3	42.8	54.0	47.3	6.7	22.0	11.3	6.0	12.2	8.5
5/31/2005	50.0	73.9	57.2	46.0	53.1	50.5	10.0	23.3	14.0	7.8	11.7	10.3
6/1/2005	50.0	79.0	64.6	48.0	55.9	51.4	10.0	26.1	18.1	8.9	13.3	10.8
6/2/2005	55.0	77.0	67.3	46.4	55.9	52.3	12.8	25.0	19.6	8.0	13.3	11.3

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 45 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
6/3/2005	60.1	72.0	62.4	46.9	60.8	56.1	15.6	22.2	16.9	8.3	16.0	13.4
6/4/2005	60.8	72.0	63.3	59.0	64.4	60.8	16.0	22.2	17.4	15.0	18.0	16.0
6/5/2005	60.8	86.0	67.6	59.0	66.2	61.9	16.0	30.0	19.8	15.0	19.0	16.6
6/6/2005	62.6	84.0	68.9	62.6	70.0	65.1	17.0	28.9	20.5	17.0	21.1	18.4
6/7/2005	62.6	86.0	67.8	57.9	68.0	63.0	17.0	30.0	19.9	14.4	20.0	17.2
6/8/2005	60.1	90.0	75.0	59.0	66.9	63.1	15.6	32.2	23.9	15.0	19.4	17.3
6/9/2005	64.4	88.0	75.4	61.0	70.0	65.1	18.0	31.1	24.1	16.1	21.1	18.4
6/10/2005	73.0	84.0	77.2	63.0	71.1	68.7	22.8	28.9	25.1	17.2	21.7	20.4
6/11/2005	71.1	86.0	77.4	69.1	73.4	70.7	21.7	30.0	25.2	20.6	23.0	21.5
6/12/2005	71.6	88.0	76.5	64.0	73.0	70.3	22.0	31.1	24.7	17.8	22.8	21.3
6/13/2005	64.4	90.0	75.7	62.6	72.0	67.6	18.0	32.2	24.3	17.0	22.2	19.8
6/14/2005	71.1	91.9	81.7	64.4	72.0	67.8	21.7	33.3	27.6	18.0	22.2	19.9
6/15/2005	69.8	84.9	75.7	57.2	69.1	62.4	21.0	29.4	24.3	14.0	20.6	16.9
6/16/2005	64.4	73.9	67.8	50.0	63.0	60.4	18.0	23.3	19.9	10.0	17.2	15.8
6/17/2005	55.0	69.8	61.7	50.0	55.4	51.3	12.8	21.0	16.5	10.0	13.0	10.7
6/18/2005	55.0	66.9	62.2	51.8	57.2	54.1	12.8	19.4	16.8	11.0	14.0	12.3
6/19/2005	52.0	73.0	61.7	50.0	55.4	52.9	11.1	22.8	16.5	10.0	13.0	11.6
6/20/2005	53.6	78.1	65.1	50.0	57.9	54.1	12.0	25.6	18.4	10.0	14.4	12.3
6/21/2005	53.6	82.9	66.9	48.0	57.2	53.2	12.0	28.3	19.4	8.9	14.0	11.8
6/22/2005	60.8	79.0	69.6	44.6	60.1	57.4	16.0	26.1	20.9	7.0	15.6	14.1
6/23/2005	48.9	80.1	64.9	44.1	48.9	46.0	9.4	26.7	18.3	6.7	9.4	7.8
6/24/2005	52.0	89.1	69.6	48.9	60.1	53.2	11.1	31.7	20.9	9.4	15.6	11.8
6/25/2005	57.2	91.9	74.3	53.6	63.0	58.1	14.0	33.3	23.5	12.0	17.2	14.5
6/26/2005	66.2	93.9	78.6	61.0	69.8	65.1	19.0	34.4	25.9	16.1	21.0	18.4
6/27/2005	69.1	91.0	78.1	59.0	71.1	66.9	20.6	32.8	25.6	15.0	21.7	19.4
6/28/2005	71.1	93.0	80.2	64.0	69.1	66.9	21.7	33.9	26.8	17.8	20.6	19.4
6/29/2005	69.8	89.1	77.4	64.0	70.0	68.0	21.0	31.7	25.2	17.8	21.1	20.0
6/30/2005	68.0	91.0	75.6	57.0	66.9	65.1	20.0	32.8	24.2	13.9	19.4	18.4
7/1/2005	66.9	87.1	76.1	64.0	66.9	64.8	19.4	30.6	24.5	17.8	19.4	18.2
7/2/2005	64.9	82.0	73.0	46.0	66.0	54.3	18.3	27.8	22.8	7.8	18.9	12.4
7/3/2005	51.1	82.9	68.0	46.0	57.2	51.3	10.6	28.3	20.0	7.8	14.0	10.7
7/4/2005	66.9	88.0	76.8	54.0	63.0	57.6	19.4	31.1	24.9	12.2	17.2	14.2
7/5/2005	69.8	84.0	74.7	63.0	73.4	67.6	21.0	28.9	23.7	17.2	23.0	19.8
7/6/2005	66.9	81.0	71.4	62.6	68.0	66.4	19.4	27.2	21.9	17.0	20.0	19.1
7/7/2005	64.4	80.1	72.1	61.0	64.9	62.8	18.0	26.7	22.3	16.1	18.3	17.1
7/8/2005	66.0	73.9	68.9	61.0	66.2	64.2	18.9	23.3	20.5	16.1	19.0	17.9
7/9/2005	60.8	78.8	66.9	57.2	64.4	61.3	16.0	26.0	19.4	14.0	18.0	16.3
7/10/2005	60.1	90.0	72.7	48.9	64.9	58.5	15.6	32.2	22.6	9.4	18.3	14.7
7/11/2005	57.0	91.0	73.6	55.0	69.8	59.7	13.9	32.8	23.1	12.8	21.0	15.4
7/12/2005	66.9	91.0	78.6	63.0	71.6	67.3	19.4	32.8	25.9	17.2	22.0	19.6
7/13/2005	69.1	91.0	77.2	60.1	72.0	68.7	20.6	32.8	25.1	15.6	22.2	20.4
7/14/2005	68.0	86.0	75.0	66.0	70.0	67.6	20.0	30.0	23.9	18.9	21.1	19.8
7/15/2005	71.6	82.0	76.1	69.1	70.0	69.8	22.0	27.8	24.5	20.6	21.1	21.0
7/16/2005	73.0	82.4	76.1	69.8	75.2	71.4	22.8	28.0	24.5	21.0	24.0	21.9
7/17/2005	73.4	84.9	76.6	71.1	75.9	72.3	23.0	29.4	24.8	21.7	24.4	22.4

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 46 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
7/18/2005	73.0	90.0	77.5	70.0	73.9	72.3	22.8	32.2	25.3	21.1	23.3	22.4
7/19/2005	71.6	88.0	77.4	69.8	73.4	71.6	22.0	31.1	25.2	21.0	23.0	22.0
7/20/2005	66.0	88.0	76.3	59.0	72.0	65.1	18.9	31.1	24.6	15.0	22.2	18.4
7/21/2005	64.0	84.2	73.0	62.1	69.8	65.1	17.8	29.0	22.8	16.7	21.0	18.4
7/22/2005	68.0	87.1	73.8	64.9	71.1	68.4	20.0	30.6	23.2	18.3	21.7	20.2
7/23/2005	66.0	84.0	73.8	46.9	72.0	60.3	18.9	28.9	23.2	8.3	22.2	15.7
7/24/2005	55.9	84.0	69.1	51.1	62.6	56.8	13.3	28.9	20.6	10.6	17.0	13.8
7/25/2005	68.0	93.0	74.8	61.0	71.1	66.2	20.0	33.9	23.8	16.1	21.7	19.0
7/26/2005	64.0	93.0	77.5	62.1	73.9	67.6	17.8	33.9	25.3	16.7	23.3	19.8
7/27/2005	69.8	89.6	75.2	60.8	73.0	69.3	21.0	32.0	24.0	16.0	22.8	20.7
7/28/2005	59.0	79.0	69.6	54.0	60.1	56.7	15.0	26.1	20.9	12.2	15.6	13.7
7/29/2005	59.0	84.0	69.6	55.9	66.0	58.5	15.0	28.9	20.9	13.3	18.9	14.7
7/30/2005	59.0	84.9	71.8	55.0	64.4	59.4	15.0	29.4	22.1	12.8	18.0	15.2
7/31/2005	62.6	84.2	73.0	60.1	66.9	62.6	17.0	29.0	22.8	15.6	19.4	17.0
8/1/2005	66.0	89.1	72.5	60.1	69.1	64.9	18.9	31.7	22.5	15.6	20.6	18.3
8/2/2005	70.0	90.0	77.9	64.4	73.4	67.8	21.1	32.2	25.5	18.0	23.0	19.9
8/3/2005	68.0	91.9	78.4	64.0	73.9	68.5	20.0	33.3	25.8	17.8	23.3	20.3
8/4/2005	68.0	93.9	79.5	60.8	71.1	66.4	20.0	34.4	26.4	16.0	21.7	19.1
8/5/2005	71.1	86.0	76.3	57.2	71.1	68.2	21.7	30.0	24.6	14.0	21.7	20.1
8/6/2005	57.2	82.9	69.3	55.4	63.0	57.7	14.0	28.3	20.7	13.0	17.2	14.3
8/7/2005	62.6	86.0	72.5	60.1	68.0	63.0	17.0	30.0	22.5	15.6	20.0	17.2
8/8/2005	66.2	82.0	72.7	64.4	70.0	66.9	19.0	27.8	22.6	18.0	21.1	19.4
8/9/2005	68.0	82.9	72.9	63.0	69.8	66.9	20.0	28.3	22.7	17.2	21.0	19.4
8/10/2005	66.0	88.0	74.5	64.0	69.1	65.7	18.9	31.1	23.6	17.8	20.6	18.7
8/11/2005	69.8	88.0	77.2	64.9	71.6	67.5	21.0	31.1	25.1	18.3	22.0	19.7
8/12/2005	68.0	91.9	78.1	64.0	72.0	67.8	20.0	33.3	25.6	17.8	22.2	19.9
8/13/2005	69.1	96.1	79.0	66.0	73.4	69.3	20.6	35.6	26.1	18.9	23.0	20.7
8/14/2005	69.8	93.9	76.8	66.0	73.4	70.5	21.0	34.4	24.9	18.9	23.0	21.4
8/15/2005	68.0	81.0	73.6	60.1	72.0	62.6	20.0	27.2	23.1	15.6	22.2	17.0
8/16/2005	66.0	75.9	70.5	62.1	68.0	65.1	18.9	24.4	21.4	16.7	20.0	18.4
8/17/2005	64.4	84.0	71.1	55.0	66.2	62.6	18.0	28.9	21.7	12.8	19.0	17.0
8/18/2005	57.0	84.9	70.2	55.0	66.0	57.4	13.9	29.4	21.2	12.8	18.9	14.1
8/19/2005	66.0	79.0	70.5	59.0	68.0	64.0	18.9	26.1	21.4	15.0	20.0	17.8
8/20/2005	69.1	84.9	73.9	60.1	71.1	66.2	20.6	29.4	23.3	15.6	21.7	19.0
8/21/2005	73.0	89.1	80.1	51.1	72.0	65.3	22.8	31.7	26.7	10.6	22.2	18.5
8/22/2005	62.1	80.1	70.9	50.0	61.0	56.5	16.7	26.7	21.6	10.0	16.1	13.6
8/23/2005	54.0	73.9	65.5	52.0	55.9	54.1	12.2	23.3	18.6	11.1	13.3	12.3
8/24/2005	54.0	79.0	66.6	48.0	59.0	52.7	12.2	26.1	19.2	8.9	15.0	11.5
8/25/2005	52.0	80.1	65.1	48.9	59.0	52.9	11.1	26.7	18.4	9.4	15.0	11.6
8/26/2005	57.0	77.0	67.1	54.0	59.0	56.7	13.9	25.0	19.5	12.2	15.0	13.7
8/27/2005	57.9	79.0	67.1	52.0	63.0	57.9	14.4	26.1	19.5	11.1	17.2	14.4
8/28/2005	62.6	75.9	67.5	55.0	68.0	63.3	17.0	24.4	19.7	12.8	20.0	17.4
8/29/2005	64.4	78.1	68.7	64.0	71.6	66.0	18.0	25.6	20.4	17.8	22.0	18.9
8/30/2005	69.8	75.9	73.2	68.0	73.9	71.1	21.0	24.4	22.9	20.0	23.3	21.7
8/31/2005	68.0	79.0	74.8	64.4	73.4	70.7	20.0	26.1	23.8	18.0	23.0	21.5

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 47 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
9/1/2005	62.6	81.0	69.6	55.9	66.0	61.7	17.0	27.2	20.9	13.3	18.9	16.5
9/2/2005	59.0	84.9	67.3	50.0	63.0	58.1	15.0	29.4	19.6	10.0	17.2	14.5
9/3/2005	55.9	78.1	67.5	52.0	57.2	54.3	13.3	25.6	19.7	11.1	14.0	12.4
9/4/2005	55.0	79.0	64.9	48.9	59.0	55.2	12.8	26.1	18.3	9.4	15.0	12.9
9/5/2005	51.8	79.0	63.3	50.0	61.0	54.1	11.0	26.1	17.4	10.0	16.1	12.3
9/6/2005	53.6	80.1	61.9	51.1	62.1	55.0	12.0	26.7	16.6	10.6	16.7	12.8
9/7/2005	53.6	80.1	62.8	52.0	62.1	55.8	12.0	26.7	17.1	11.1	16.7	13.2
9/8/2005	53.6	79.0	62.1	51.8	61.0	55.4	12.0	26.1	16.7	11.0	16.1	13.0
9/9/2005	60.1	79.0	67.8	52.0	64.0	58.8	15.6	26.1	19.9	11.1	17.8	14.9
9/10/2005	53.1	80.1	64.0	44.1	61.0	53.6	11.7	26.7	17.8	6.7	16.1	12.0
9/11/2005	46.9	77.0	59.7	42.1	55.4	48.7	8.3	25.0	15.4	5.6	13.0	9.3
9/12/2005	50.0	84.9	62.8	48.0	64.4	53.4	10.0	29.4	17.1	8.9	18.0	11.9
9/13/2005	59.0	87.1	66.4	57.0	66.0	60.3	15.0	30.6	19.1	13.9	18.9	15.7
9/14/2005	55.4	84.9	64.2	54.0	68.0	59.2	13.0	29.4	17.9	12.2	20.0	15.1
9/15/2005	71.1	87.1	75.4	64.9	70.0	67.8	21.7	30.6	24.1	18.3	21.1	19.9
9/16/2005	68.0	82.9	72.7	64.0	71.6	66.9	20.0	28.3	22.6	17.8	22.0	19.4
9/17/2005	66.0	77.0	69.4	61.0	66.9	65.1	18.9	25.0	20.8	16.1	19.4	18.4
9/18/2005	59.0	79.0	65.1	55.9	63.0	59.7	15.0	26.1	18.4	13.3	17.2	15.4
9/19/2005	57.0	79.0	63.5	54.0	64.0	58.3	13.9	26.1	17.5	12.2	17.8	14.6
9/20/2005	64.0	79.0	69.4	59.0	64.0	61.5	17.8	26.1	20.8	15.0	17.8	16.4
9/21/2005	53.1	82.0	65.5	51.1	62.1	55.4	11.7	27.8	18.6	10.6	16.7	13.0
9/22/2005	51.8	82.9	62.2	50.0	64.4	55.4	11.0	28.3	16.8	10.0	18.0	13.0
9/23/2005	64.0	75.0	68.4	53.6	64.0	61.2	17.8	23.9	20.2	12.0	17.8	16.2
9/24/2005	48.0	73.0	58.8	44.1	54.0	46.9	8.9	22.8	14.9	6.7	12.2	8.3
9/25/2005	62.6	71.6	66.7	48.0	61.0	56.3	17.0	22.0	19.3	8.9	16.1	13.5
9/26/2005	68.0	71.6	70.2	61.0	68.0	64.6	20.0	22.0	21.2	16.1	20.0	18.1
9/27/2005	55.4	71.1	64.9	41.0	68.0	50.5	13.0	21.7	18.3	5.0	20.0	10.3
9/28/2005	44.6	72.0	52.0	42.8	50.0	45.5	7.0	22.2	11.1	6.0	10.0	7.5
9/29/2005	53.6	69.1	63.1	33.1	59.0	50.0	12.0	20.6	17.3	0.6	15.0	10.0
9/30/2005	39.2	64.9	49.6	35.1	46.4	40.3	4.0	18.3	9.8	1.7	8.0	4.6
10/1/2005	42.1	73.9	50.4	41.0	51.1	44.2	5.6	23.3	10.2	5.0	10.6	6.8
10/2/2005	48.0	78.1	55.9	46.4	62.1	51.1	8.9	25.6	13.3	8.0	16.7	10.6
10/3/2005	51.8	78.1	58.6	48.9	59.0	53.8	11.0	25.6	14.8	9.4	15.0	12.1
10/4/2005	50.0	70.0	56.5	48.2	60.8	53.2	10.0	21.1	13.6	9.0	16.0	11.8
10/5/2005	55.4	77.0	60.8	55.0	62.6	57.4	13.0	25.0	16.0	12.8	17.0	14.1
10/6/2005	53.6	73.4	61.3	53.6	64.0	57.7	12.0	23.0	16.3	12.0	17.8	14.3
10/7/2005	66.9	72.0	69.4	64.0	68.0	66.2	19.4	22.2	20.8	17.8	20.0	19.0
10/8/2005	50.0	71.1	60.1	46.0	66.9	56.8	10.0	21.7	15.6	7.8	19.4	13.8
10/9/2005	48.9	57.9	52.2	44.6	48.2	46.0	9.4	14.4	11.2	7.0	9.0	7.8
10/10/2005	51.1	60.8	54.9	46.9	55.9	50.4	10.6	16.0	12.7	8.3	13.3	10.2
10/11/2005	57.0	63.0	59.4	52.0	55.9	54.5	13.9	17.2	15.2	11.1	13.3	12.5
10/12/2005	55.4	61.0	58.5	50.0	57.2	55.0	13.0	16.1	14.7	10.0	14.0	12.8
10/13/2005	51.8	57.9	55.0	48.9	55.9	53.1	11.0	14.4	12.8	9.4	13.3	11.7
10/14/2005	55.4	64.9	57.6	55.0	59.0	55.9	13.0	18.3	14.2	12.8	15.0	13.3
10/15/2005	51.1	69.8	57.6	35.1	57.2	51.4	10.6	21.0	14.2	1.7	14.0	10.8

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 48 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
10/16/2005	50.0	60.1	55.0	36.0	44.1	41.0	10.0	15.6	12.8	2.2	6.7	5.0
10/17/2005	48.9	63.0	54.5	37.9	42.8	39.9	9.4	17.2	12.5	3.3	6.0	4.4
10/18/2005	44.6	70.0	52.2	35.1	50.0	44.4	7.0	21.1	11.2	1.7	10.0	6.9
10/19/2005	39.0	75.0	50.2	37.0	48.9	41.4	3.9	23.9	10.1	2.8	9.4	5.2
10/20/2005	39.0	63.0	49.8	32.0	46.9	36.7	3.9	17.2	9.9	0.0	8.3	2.6
10/21/2005	44.1	53.1	48.4	37.9	43.0	40.8	6.7	11.7	9.1	3.3	6.1	4.9
10/22/2005	44.6	52.0	46.9	39.0	46.4	44.4	7.0	11.1	8.3	3.9	8.0	6.9
10/23/2005	46.0	52.0	47.5	35.1	45.0	40.8	7.8	11.1	8.6	1.7	7.2	4.9
10/24/2005	37.0	46.0	41.7	35.6	42.8	39.0	2.8	7.8	5.4	2.0	6.0	3.9
10/25/2005	39.0	44.6	41.5	35.1	42.1	38.1	3.9	7.0	5.3	1.7	5.6	3.4
10/26/2005	39.2	50.0	42.4	33.1	37.9	34.7	4.0	10.0	5.8	0.6	3.3	1.5
10/27/2005	39.2	46.4	43.0	26.1	37.4	33.3	4.0	8.0	6.1	-3.3	3.0	0.7
10/28/2005	30.0	48.9	37.4	24.1	35.1	30.7	-1.1	9.4	3.0	-4.4	1.7	-0.7
10/29/2005	37.0	53.1	42.1	26.1	35.1	32.5	2.8	11.7	5.6	-3.3	1.7	0.3
10/30/2005	39.0	63.0	46.8	33.1	39.0	35.2	3.9	17.2	8.2	0.6	3.9	1.8
10/31/2005	32.0	64.9	41.5	30.2	41.0	35.4	0.0	18.3	5.3	-1.0	5.0	1.9
11/1/2005	33.8	66.0	42.8	33.1	48.2	37.9	1.0	18.9	6.0	0.6	9.0	3.3
11/2/2005	41.0	57.2	48.4	30.0	48.9	40.5	5.0	14.0	9.1	-1.1	9.4	4.7
11/3/2005	30.2	72.0	40.3	30.0	42.8	33.4	-1.0	22.2	4.6	-1.1	6.0	0.8
11/4/2005	33.8	69.1	43.7	33.1	46.9	38.1	1.0	20.6	6.5	0.6	8.3	3.4
11/5/2005	44.6	70.0	53.1	42.8	55.0	46.8	7.0	21.1	11.7	6.0	12.8	8.2
11/6/2005	46.9	69.8	56.7	46.0	53.6	50.5	8.3	21.0	13.7	7.8	12.0	10.3
11/7/2005	46.0	61.0	54.1	30.0	42.1	35.6	7.8	16.1	12.3	-1.1	5.6	2.0
11/8/2005	35.6	61.0	45.3	33.1	44.6	37.4	2.0	16.1	7.4	0.6	7.0	3.0
11/9/2005	39.0	54.0	47.5	35.6	50.0	42.4	3.9	12.2	8.6	2.0	10.0	5.8
11/10/2005	42.1	53.6	49.5	24.8	53.6	41.0	5.6	12.0	9.7	-4.0	12.0	5.0
11/11/2005	35.6	48.0	42.1	25.0	30.2	27.7	2.0	8.9	5.6	-3.9	-1.0	-2.4
11/12/2005	26.6	55.9	36.7	24.8	33.8	28.6	-3.0	13.3	2.6	-4.0	1.0	-1.9
11/13/2005	33.1	60.8	45.9	28.0	35.6	32.2	0.6	16.0	7.7	-2.2	2.0	0.1
11/14/2005	42.1	60.1	52.7	25.0	39.9	33.6	5.6	15.6	11.5	-3.9	4.4	0.9
11/15/2005	39.9	53.6	45.9	30.9	51.8	42.3	4.4	12.0	7.7	-0.6	11.0	5.7
11/16/2005	44.6	66.9	58.3	37.4	60.8	53.1	7.0	19.4	14.6	3.0	16.0	11.7
11/17/2005	32.0	45.0	37.2	14.0	37.9	20.1	0.0	7.2	2.9	-10.0	3.3	-6.6
11/18/2005	24.8	35.1	31.1	16.0	21.2	18.0	-4.0	1.7	-0.5	-8.9	-6.0	-7.8
11/19/2005	30.0	46.9	35.8	19.0	24.1	21.2	-1.1	8.3	2.1	-7.2	-4.4	-6.0
11/20/2005	24.1	52.0	35.1	21.2	30.2	25.2	-4.4	11.1	1.7	-6.0	-1.0	-3.8
11/21/2005	26.6	43.0	34.3	24.8	33.1	28.6	-3.0	6.1	1.3	-4.0	0.6	-1.9
11/22/2005	33.8	46.0	39.9	15.8	37.0	30.7	1.0	7.8	4.4	-9.0	2.8	-0.7
11/23/2005	24.1	34.0	28.6	8.1	17.1	12.6	-4.4	1.1	-1.9	-13.3	-8.3	-10.8
11/24/2005	21.2	41.0	31.3	1.0	33.8	25.2	-6.0	5.0	-0.4	-17.2	1.0	-3.8
11/25/2005	15.8	30.0	21.2	1.0	12.0	7.0	-9.0	-1.1	-6.0	-17.2	-11.1	-13.9
11/26/2005	19.0	35.6	25.7	9.0	18.0	12.7	-7.2	2.0	-3.5	-12.8	-7.8	-10.7
11/27/2005	32.0	46.9	38.5	16.0	28.4	24.1	0.0	8.3	3.6	-8.9	-2.0	-4.4
11/28/2005	39.0	60.8	45.5	28.0	53.6	42.1	3.9	16.0	7.5	-2.2	12.0	5.6
11/29/2005	51.8	64.9	61.0	50.0	57.9	55.0	11.0	18.3	16.1	10.0	14.4	12.8

Table 2.3-79— {Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Temperature Values (2000-2005)}

(Page 49 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min Td (°F)	Max Td (°F)	Aver Td (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min Td (°C)	Max Td (°C)	Aver Td (°C)
11/30/2005	39.0	52.0	45.1	26.1	51.1	41.2	3.9	11.1	7.3	-3.3	10.6	5.1
12/1/2005	30.0	39.0	35.4	23.0	28.9	25.3	-1.1	3.9	1.9	-5.0	-1.7	-3.7
12/2/2005	30.0	36.0	33.3	19.4	30.9	25.7	-1.1	2.2	0.7	-7.0	-0.6	-3.5
12/3/2005	24.1	30.9	27.1	12.9	23.0	17.8	-4.4	-0.6	-2.7	-10.6	-5.0	-7.9
12/4/2005	24.1	33.8	26.6	14.0	26.1	21.4	-4.4	1.0	-3.0	-10.0	-3.3	-5.9
12/5/2005	24.1	34.0	28.8	15.1	23.0	18.5	-4.4	1.1	-1.8	-9.4	-5.0	-7.5
12/6/2005	19.9	32.0	25.5	10.4	19.9	16.7	-6.7	0.0	-3.6	-12.0	-6.7	-8.5
12/7/2005	14.0	28.0	22.6	8.6	14.0	11.7	-10.0	-2.2	-5.2	-13.0	-10.0	-11.3
12/8/2005	10.9	28.0	20.7	7.0	14.0	10.9	-11.7	-2.2	-6.3	-13.9	-10.0	-11.7
12/9/2005	21.2	32.0	25.7	12.0	23.0	19.4	-6.0	0.0	-3.5	-11.1	-5.0	-7.0
12/10/2005	24.1	30.0	26.8	15.8	19.4	17.4	-4.4	-1.1	-2.9	-9.0	-7.0	-8.1
12/11/2005	12.9	30.0	20.1	10.0	21.9	14.7	-10.6	-1.1	-6.6	-12.2	-5.6	-9.6
12/12/2005	24.1	32.0	28.4	6.8	24.1	17.6	-4.4	0.0	-2.0	-14.0	-4.4	-8.0
12/13/2005	5.0	24.1	14.7	1.4	7.0	4.1	-15.0	-4.4	-9.6	-17.0	-13.9	-15.5
12/14/2005	-0.4	18.0	8.1	-5.8	5.0	0.9	-18.0	-7.8	-13.3	-21.0	-15.0	-17.3
12/15/2005	9.0	26.1	17.8	1.0	23.0	10.6	-12.8	-3.3	-7.9	-17.2	-5.0	-11.9
12/16/2005	25.0	37.4	32.5	23.0	32.0	29.5	-3.9	3.0	0.3	-5.0	0.0	-1.4
12/17/2005	19.9	33.1	28.0	17.1	28.4	21.0	-6.7	0.6	-2.2	-8.3	-2.0	-6.1
12/18/2005	15.8	30.2	21.0	12.2	19.9	16.3	-9.0	-1.0	-6.1	-11.0	-6.7	-8.7
12/19/2005	16.0	27.0	21.7	8.6	19.9	14.4	-8.9	-2.8	-5.7	-13.0	-6.7	-9.8
12/20/2005	14.0	23.0	18.3	3.0	10.0	5.5	-10.0	-5.0	-7.6	-16.1	-12.2	-14.7
12/21/2005	14.0	28.4	20.8	8.1	19.4	12.2	-10.0	-2.0	-6.2	-13.3	-7.0	-11.0
12/22/2005	26.1	34.0	28.6	15.8	21.9	18.5	-3.3	1.1	-1.9	-9.0	-5.6	-7.5
12/23/2005	26.1	41.0	31.3	21.0	26.1	23.5	-3.3	5.0	-0.4	-6.1	-3.3	-4.7
12/24/2005	21.9	46.0	31.1	21.0	28.0	24.3	-5.6	7.8	-0.5	-6.1	-2.2	-4.3
12/25/2005	19.4	37.4	29.1	17.6	35.6	27.1	-7.0	3.0	-1.6	-8.0	2.0	-2.7
12/26/2005	33.1	39.0	34.9	28.0	34.0	32.9	0.6	3.9	1.6	-2.2	1.1	0.5
12/27/2005	35.6	39.2	36.9	25.0	28.9	27.1	2.0	4.0	2.7	-3.9	-1.7	-2.7
12/28/2005	28.0	41.0	34.3	25.0	30.2	27.1	-2.2	5.0	1.3	-3.9	-1.0	-2.7
12/29/2005	35.1	42.8	37.6	30.9	39.2	36.0	1.7	6.0	3.1	-0.6	4.0	2.2
12/30/2005	34.0	43.0	39.0	24.1	39.0	30.4	1.1	6.1	3.9	-4.4	3.9	-0.9
12/31/2005	28.0	33.8	39.0	24.1	30.9	30.4	-2.2	1.0	3.9	-4.4	-0.6	-0.9

Table 2.3-80— {SSES Monthly Mean Temperatures (2001-2006)}

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
°F	27.9	31.0	37.7	50.4	59.3	67.5	71.6	71.5	63.3	51.2	44.0	33.1	50.7
°C	-2.3	-0.6	3.2	10.2	15.2	19.7	22.0	21.9	17.4	10.7	6.7	0.6	10.4

Table 2.3-81— {SSES Monthly Mean Extreme Maximum Temperatures (2001-2006)}

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
°F	35.7	35.5	40.3	51.6	66.4	71.1	73.6	73.2	67.0	54.2	46.9	38.7
°C	2.1	1.9	4.6	10.9	19.1	21.7	23.1	22.9	19.4	12.3	8.3	3.7

Table 2.3-82— {SSES Monthly Mean Extreme Minimum Temperatures (2001-2006)}

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
°F	21.0	26.3	33.9	48.4	55.9	64.9	68.5	68.7	60.4	49.1	40.9	28.2
°C	-6.1	-3.2	1.1	9.1	13.3	18.3	20.3	20.4	15.8	9.5	4.9	-2.1

Table 2.3-83— {SSES Monthly Mean Daily Maximum Temperatures (2001-2006)}

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
°F	34.6	38.8	46.2	60.8	69.2	77.3	81.6	81.6	73.2	60.5	52.8	40.0
°C	1.4	3.8	7.9	16.0	20.7	25.2	27.6	27.6	22.9	15.8	11.6	4.4

Table 2.3-84— {SSES Monthly Mean Daily Minimum Temperatures (2001-2006)}

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
°F	21.2	23.4	29.3	40.1	49.3	58.3	62.3	62.5	54.3	42.8	35.8	26.4
°C	-6.0	-4.8	-1.5	4.5	9.6	14.6	16.8	16.9	12.4	6.0	2.1	-3.1

Table 2.3-85— {SSES Maximum Hourly Temperatures (2001-2006)}

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
°F	65.1	63.6	74.7	90.3	92.6	92.4	93.4	96.8	92.6	81.3	73.8	69.8
°C	18.4	17.6	23.7	32.4	33.7	33.6	34.1	36.0	33.7	27.4	23.2	21.0

Table 2.3-86— {SSES Minimum Hourly Temperatures (2001-2006)}

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
°F	-7.0	4.8	1.1	19.8	25.4	40.7	46.4	46.3	39.6	25.6	16.6	-3.1
°C	-21.7	-15.1	-17.2	-6.8	-3.7	4.8	8.0	7.9	4.2	-3.6	-8.6	-19.5

Table 2.3-87— {Number of SSES Hourly Temperature Values Greater Than or Less Than Indicated Value and Percent Frequency of Occurrence (2001-2006)}

Value	Number of Hours of Occurrence	Percent Frequency of Occurrence
≥95.0°F	13	0.025
≥ 90.0°F	192	0.368
≤ 32.0°F	9231	17.672
≤ 00.0°F	51	0.098

Table 2.3-88— {SSES Monthly Mean Relative Humidity (2001-2006)}

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
%	58.2	52.0	52.6	49.6	56.7	63.2	61.3	61.7	62.8	60.3	60.3	56.7	58.0

Table 2.3-89— {Monthly Mean Temperatures (1971-2000) for Sites Around Bell Bend Nuclear Power Plant}

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre /Scranton, PA	°F	26.3	28.9	37.9	48.7	59.6	67.5	72.1	70.3	62.5	51.5	41.5	31.4	49.9
	°C	-3.2	-1.7	3.3	9.3	15.3	19.7	22.3	21.3	16.9	10.8	5.3	-0.3	9.9
Allentown, PA	°F	27.1	29.9	38.8	49.0	59.6	68.5	73.3	71.2	63.4	52.0	42.0	32.0	50.6
	°C	-2.7	-1.2	3.8	9.4	15.3	20.3	22.9	21.8	17.4	11.1	5.6	0.0	10.3
Williamsport, PA	°F	25.5	28.5	38.0	49.0	59.5	67.8	72.4	70.9	63.1	51.3	40.8	30.7	49.8
	°C	-3.6	-1.9	3.3	9.4	15.3	19.9	22.4	21.6	17.3	10.7	4.9	-0.7	9.9

Table 2.3-90— {Monthly Mean Daily Maximum Temperatures (1971-2000) for Sites Around Bell Bend Nuclear Power Plant}

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre /Scranton, PA	°F	34.1	37.3	47.3	59.2	70.8	78.2	82.6	80.5	72.4	61.2	49.3	38.6	59.3
	°C	1.2	2.9	8.5	15.1	21.6	25.7	28.1	26.9	22.4	16.2	9.6	3.7	15.2
Allentown, PA	°F	35.0	38.7	48.7	60.1	70.9	79.3	83.9	81.7	74.0	62.9	51.2	40.0	60.5
	°C	1.7	3.7	9.3	15.6	21.6	26.3	28.8	27.6	23.3	17.2	10.7	4.4	15.8
Williamsport, PA	°F	33.2	37.1	47.8	60.2	71.3	78.9	83.2	81.4	73.3	61.8	49.0	37.8	59.6
	°C	0.7	2.8	8.8	15.7	21.8	26.1	28.4	27.4	22.9	16.6	9.4	3.2	15.3

Table 2.3-91— {Monthly Mean Daily Minimum Temperatures (1971-2000) for Sites Around Bell Bend Nuclear Power Plant}

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre /Scranton, PA	°F	18.5	20.4	28.4	38.1	48.4	56.7	61.5	60.1	52.6	41.7	33.7	24.2	40.4
	°C	-7.5	-6.4	-2.0	3.4	9.1	13.7	16.4	15.6	11.4	5.4	0.9	-4.3	4.7
Allentown, PA	°F	19.1	21.0	28.9	37.8	48.3	57.7	62.6	60.7	52.7	41.1	32.7	24.0	40.6
	°C	-7.2	-6.1	-1.7	3.2	9.1	14.3	17.0	15.9	11.5	5.1	0.4	-4.4	4.8
Williamsport, PA	°F	17.9	19.9	28.2	37.8	47.8	56.8	61.7	60.4	52.8	40.9	32.7	23.7	40.1
	°C	-7.8	-6.7	-2.1	3.2	8.8	13.8	16.5	15.8	11.6	4.9	0.4	-4.6	4.5

Table 2.3-92— {Monthly Mean Wet Bulb Temperatures (1978-2000) for Sites Around Bell Bend Nuclear Power Plant}

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	°F	24.2	25.8	32.3	42.2	52.2	61.0	65.0	63.8	57.3	46.5	37.7	28.3	44.7
	°C	-4.3	-3.4	0.2	5.7	11.2	16.1	18.3	17.7	14.1	8.1	3.2	-2.1	7.1
Allentown, PA	°F	26.1	27.7	34.3	44.0	53.8	62.9	67.1	66.0	59.3	48.3	39.2	29.9	46.6
	°C	-3.3	-2.4	1.3	6.7	12.1	17.2	19.5	18.9	15.2	9.1	4.0	-1.2	8.1
Williamsport, PA	°F	24.6	26.9	33.1	43.3	53.1	62.0	66.2	64.9	58.2	47.1	37.9	28.6	45.5
	°C	-4.1	-2.8	0.6	6.3	11.7	16.7	19.0	18.3	14.6	8.4	3.3	-1.9	7.5

Table 2.3-93— {Monthly Mean Dew Point Temperatures (1978-2000) for Sites Around Bell Bend Nuclear Power Plant}

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	°F	18.8	19.2	25.2	34.9	46.5	56.8	61.2	60.3	53.8	41.9	32.4	23.0	39.5
	°C	-7.3	-7.1	-3.8	1.6	8.1	13.8	16.2	15.7	12.1	5.5	0.2	-5.0	4.2
Allentown, PA	°F	20.0	20.7	26.7	36.7	48.3	58.5	63.2	62.5	55.7	43.8	33.7	24.2	41.2
	°C	-6.7	-6.3	-2.9	2.6	9.1	14.7	17.3	16.9	13.2	6.6	0.9	-4.3	5.1
Williamsport, PA	°F	18.9	19.7	26.2	36.0	47.7	57.9	62.6	61.8	55.1	43.0	33.0	23.3	40.4
	°C	-7.3	-6.8	-3.2	2.2	8.7	14.4	17.0	16.6	12.8	6.1	0.6	-4.8	4.7

Table 2.3-94— {Mean Number of Days with Maximum Hourly Temperature Value Greater Than or Equal to 90°F (1971-2000) for Sites Around Bell Bend Nuclear Power Plant}

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	0.0	0.0	0.0	0.1	0.3	1.0	3.6	2.0	0.4	0.0	0.0	0.0	7.4
Allentown, PA	0.0	0.0	0.0	0.2	0.7	2.6	6.5	3.6	0.8	0.0	0.0	0.0	14.4
Williamsport, PA	0.0	0.0	0.0	0.2	1.1	2.2	5.3	3.1	0.5	0.0	0.0	0.0	12.4

Table 2.3-95— {Mean Number of Days with Minimum Hourly Temperature Value Less Than or Equal to 32°F (1971-2000) for Sites Around BBNPP}

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	27.7	24.0	20.5	8.4	0.5	0.0	0.0	0.0	0.1	4.4	13.7	24.6	123.9
Allentown, PA	27.5	23.3	18.4	5.8	0.2	0.0	0.0	0.0	0.1	3.5	13.6	24.5	116.9
Williamsport, PA	28.1	23.9	20.4	7.6	0.6	0.0	0.0	0.0	*	4.6	14.8	24.5	124.5

* Between 0.00 and 0.05

Table 2.3-96— {Mean Number of Days with Minimum Hourly Temperature Value Less Than or Equal to 0°F (1971-2000) for Sites Around BBNPP}

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	1.8	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.5
Allentown, PA	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.6
Williamsport, PA	2.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	4.0

Table 2.3-97— {Monthly Mean Relative Humidity (1971-2000) for Sites Around BBNPP}

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	%	71	67	63	61	65	70	71	73	75	72	71	72	69
Allentown, PA	%	70	66	62	61	66	68	70	72	74	72	70	71	69
Williamsport, PA	%	70	67	63	61	67	71	73	76	78	75	72	72	70

Table 2.3-98— {Daily Variation of Monthly Mean Relative Humidity (%) (1971-2000) for Sites Around BBNPP}

SITE	Time (LST)*	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	1	73	70	68	66	74	81	82	84	84	80	75	75	76
	7	76	75	74	72	77	83	84	87	88	84	79	77	80
	13	66	61	56	52	54	57	57	59	62	59	64	66	59
	19	68	63	58	54	57	62	63	66	71	67	68	69	64
Allentown, PA	1	74	72	69	69	76	81	82	84	86	83	77	76	77
	7	77	76	74	73	77	80	82	86	88	86	80	78	80
	13	62	57	52	49	53	55	54	56	58	56	58	62	56
	19	68	63	57	54	57	60	61	65	69	67	66	68	63
Williamsport, PA	1	74	73	71	71	81	87	88	90	90	85	79	76	80
	7	77	76	76	74	81	85	87	90	92	88	81	78	82
	13	62	57	52	48	52	56	56	58	61	58	61	63	57
	19	67	63	57	52	57	62	64	69	75	72	69	69	65

* LST = Local Standard Time

Table 2.3-99— {Annual Heating and Humidification Design Conditions for Wilkes-Barre/Scranton, PA}

Annual Heating and Humidification Design Conditions														
Coldest month	Heating DB		Humidification DP/MCDB and HR						Coldest month WS/MCDB				MCWS/PCWD to 99.6% DB	
			99.6%			99%			0.4%		1%			
	99.6%	99%	DP	HR	MCDB	DP	HR	MCDB	WS	MCDB	WS	MCDB	MCWS	PCWD
2	3a	3b	4a	4b	4c	4d	4e	4f	5a	5b	5c	5d	6a	6b
1	2.9	7.6	-8.5	3.6	5.0	-3.7	4.7	9.6	24.9	32.5	22.6	27.9	8.3	240

DB = dry bulb temperature (°F), DP = dew point temperature (°F), MCDB = mean coincident dry bulb temperature (°F), WS = wind speed (mph), HR = humidity ratio (grains of moisture per lb of dry air), PCWD = prevailing coincident wind direction (deg)

Table 2.3-100— {Annual Cooling, Dehumidification, and Enthalpy Design Conditions for Wilkes-Barre⁄Scranton, PA}

Annual Cooling, Dehumidification, and Enthalpy Design Conditions															
Hottest month	Hottest month DB range	Cooling DB/MCWB						Evaporation WB/MCWB						MCWS/PCWD to 0.4 DB	
		0.4%		1%		2%		0.4%		1%		2%			
		DB	MCWB	DB	MCWB	DB	MCWD	WB	MCWB	WB	MCWB	WB	MCWB	MCWS	PCWD
7	8	9a	9b	9c	9d	9e	9f	10a	10b	10c	10d	10e	10f	11a	11b
7	18.8	88.1	71.6	85.2	70.3	82.7	68.8	74.6	83.5	73.0	81.3	71.5	79.0	10.5	230
Dehumidification DP/MCDB and HR									Enthalpy/MCDB						
0.4%			1%			2%			0.4%		1%		2%		
DP	HR	MCDB	DP	HR	MCDB	DP	HR	MCDB	Enth	MCDB	Enth	MCDB	Enth	MCDB	
12a	12b	12c	12d	12e	12f	12g	12h	12i	13a	13b	13c	13d	13e	13f	
71.8	121.9	79.1	70.3	115.5	77.3	68.9	109.9	76.0	31.0	83.6	29.5	81.3	28.1	79.2	
WB = wet bulb temperature (°F), MCWB = mean coincident wet bulb temperature (°F), Enth = Enthalpy (Btu/lb)															

Table 2.3-101— {Extreme Annual Design Conditions for Wilkes-Barre/Scranton, PA}

Extreme Annual Design Conditions															
Extreme Annual WS			Extreme Max WB	Extreme Annual DB				n-Year Return Period Values of Extreme DB							
				Mean		Standard deviation		n=5 years		n=10 years		n=20 years		n=50 years	
1%	2.5%	5%		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
14a	14b	14c	15	16a	16b	16c	16d	17a	17b	17c	17d	17e	17f	17g	17h
20.3	18.3	16.7	84.9	92.6	-3.9	2.8	6.3	94.6	-8.4	96.3	-12.1	97.8	-15.7	99.9	-20.2
WS = wind speed (mph), WB = wet bulb temperature (°F), DB = dry bulb temperature (°F)															

Table 2.3-102— {Monthly Design Dry Bulb and Mean Coincident Wet Bulb Temperature Values for Wilkes-Barre/Scranton, PA (1972-2001)}

%	Jan		Feb		Mar		Apr		May		Jun	
	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB
0.4%	60.4°F	55.8°F	59.2°F	50.7°F	74.3°F	58.8°F	82.4°F	62.5°F	86.4°F	66.6°F	89.2°F	72.1°F
	15.8°C	13.2°C	15.1°C	10.4°C	23.5°C	14.9°C	28.0°C	16.9°C	30.2°C	19.2°C	31.8°C	22.3°C
1%	55.9°F	51.1°F	56.1°F	49.5°F	69.1°F	56.2°F	78.4°F	60.6°F	84.4°F	65.9°F	87.3°F	71.2°F
	13.3°C	10.6°C	13.4°C	9.7°C	20.6°C	13.4°C	25.8°C	15.9°C	29.1°C	18.8°C	30.7°C	21.8°C
2%	51.5°F	47.7°F	53.0°F	47.6°F	65.3°F	53.7°F	74.6°F	58.7°F	82.4°F	65.3°F	85.4°F	70.2°F
	10.8°C	8.7°C	11.7°C	8.7°C	18.5°C	12.1°C	23.7°C	14.8°C	28.0°C	18.5°C	29.7°C	21.2°C
%	Jul		Aug		Sep		Oct		Nov		Dec	
	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB
0.4%	93.0°F	73.5°F	90.8°F	73.5°F	85.9°F	70.5°F	77.0°F	64.1°F	70.0°F	60.0°F	61.6°F	55.3°F
	33.9°C	23.1°C	32.7°C	23.1°C	29.9°C	21.4°C	25.0°C	17.8°C	21.1°C	15.6°C	16.4°C	12.9°C
1%	90.5°F	73.1°F	88.7°F	72.5°F	83.7°F	69.0°F	74.7°F	63.2°F	66.5°F	59.0°F	58.0°F	52.6°F
	32.5°C	22.8°C	31.5°C	22.5°C	28.7°C	20.6°C	23.7°C	17.3°C	19.2°C	15.0°C	14.4°C	11.4°C
2%	88.6°F	72.6°F	86.6°F	71.5°F	81.6°F	68.6°F	72.2°F	61.9°F	64.3°F	57.7°F	54.9°F	50.7°F
	31.4°C	22.6°C	30.3°C	21.9°C	27.6°C	20.3°C	22.3°C	16.6°C	17.9°C	14.3°C	12.7°C	10.4°C
DB = Dry Bulb, MCWB = Mean Coincident Wet Bulb												

Table 2.3-103— {Monthly Design Wet Bulb and Mean Coincident Dry Bulb Temperature Values for Wilkes-Barre/Scranton, PA (1972-2001)}

%	Jan		Feb		Mar		Apr		May		Jun	
	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB
0.4%	56.9°F	59.9°F	53.8°F	57.5°F	60.9°F	71.9°F	64.3°F	77.2°F	71.8°F	81.1°F	75.4°F	84.8°F
	13.8°C	15.5°C	12.1°C	14.2°C	16.1°C	22.2°C	17.9°C	25.1°C	22.1°C	27.3°C	24.1°C	29.3°C
1%	52.2°F	55.0°F	51.4°F	54.2°F	58.3°F	67.1°F	62.8°F	75.1°F	70.1°F	79.4°F	73.8°F	82.8°F
	11.2°C	12.8°C	10.8°C	12.3°C	14.6°C	19.5°C	17.1°C	23.9°C	21.2°C	26.3°C	23.2°C	28.2°C
2%	48.1°F	50.6°F	48.4°F	52.1°F	55.7°F	62.8°F	61.0°F	71.8°F	68.3°F	77.6°F	72.6°F	81.1°F
	8.9°C	10.3°C	9.1°C	11.2°C	13.2°C	17.1°C	16.1°C	22.1°C	20.2°C	25.3°C	22.6°C	27.3°C
%	Jul		Aug		Sep		Oct		Nov		Dec	
	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB
0.4%	77.4°F	87.6°F	76.0°F	85.8°F	73.5°F	81.2°F	67.5°F	72.9°F	62.6°F	67.0°F	57.1°F	60.7°F
	25.2°C	30.9°C	24.4°C	29.9°C	23.1°C	27.3°C	19.7°C	22.7°C	17.0°C	19.4°C	13.9°C	15.9°C
1%	76.2°F	85.8°F	74.9°F	84.2°F	72.3°F	80.0°F	65.8°F	70.6°F	61.0°F	65.1°F	54.1°F	57.1°F
	24.6°C	29.9°C	23.8°C	29.0°C	22.4°C	26.7°C	18.8°C	21.4°C	16.1°C	18.4°C	12.3°C	13.9°C
2%	75.1°F	84.1°F	74.0°F	83.0°F	71.1°F	78.4°F	64.3°F	69.3°F	59.0°F	63.3°F	51.1°F	53.7°F
	23.9°C	28.9°C	23.3°C	28.3°C	21.7°C	25.8°C	17.9°C	20.7°C	15.0°C	17.4°C	10.6°C	12.1°C

WB = Wet Bulb, MCDB = Mean Coincident Dry Bulb

Table 2.3-104— {Monthly Design Dry Bulb and Mean Coincident Wet Bulb Temperature Values for Allentown, PA (1972-2001)}

%	Jan		Feb		Mar		Apr		May		Jun	
	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB
0.4%	61.0°F	57.9°F	62.9°F	52.0°F	76.7°F	61.7°F	84.7°F	64.4°F	88.6°F	69.2°F	91.7°F	73.8°F
	16.1°C	14.4°C	17.2°C	11.1°C	24.8°C	16.5°C	29.3°C	18.0°C	31.4°C	20.7°C	33.2°C	23.2°C
1%	56.8°F	52.8°F	58.3°F	49.9°F	71.4°F	56.6°F	80.1°F	62.9°F	86.6°F	68.3°F	90.0°F	72.8°F
	13.8°C	11.6°C	14.6°C	9.9°C	21.9°C	13.7°C	26.7°C	17.2°C	30.3°C	20.2°C	32.2°C	22.7°C
2%	52.0°F	48.0°F	54.6°F	47.8°F	67.1°F	54.8°F	75.6°F	60.1°F	84.4°F	67.1°F	88.1°F	71.6°F
	11.1°C	8.9°C	12.6°C	8.8°C	19.5°C	12.7°C	24.2°C	15.6°C	29.1°C	19.5°C	31.2°C	22.0°C
%	Jul		Aug		Sep		Oct		Nov		Dec	
	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB
0.4%	95.3°F	75.4°F	93.0°F	74.4°F	89.5°F	72.5°F	79.3°F	66.1°F	71.9°F	61.9°F	63.5°F	57.4°F
	35.2°C	24.1°C	33.9°C	23.6°C	31.9°C	22.5°C	26.3°C	18.9°C	22.2°C	16.6°C	17.5°C	14.1°C
1%	93.4°F	75.1°F	91.0°F	74.0°F	86.5°F	70.5°F	76.6°F	64.7°F	68.8°F	60.6°F	59.5°F	54.5°F
	34.1°C	23.9°C	32.8°C	23.3°C	30.3°C	21.4°C	24.8°C	18.2°C	20.4°C	15.9°C	15.3°C	12.5°C
2%	91.4°F	74.4°F	89.1°F	73.4°F	84.1°F	70.1°F	74.4°F	63.9°F	66.1°F	59.4°F	56.0°F	52.0°F
	33.0°C	23.6°C	31.7°C	23.0°C	28.9°C	21.2°C	23.6°C	17.7°C	18.9°C	15.2°C	13.3°C	11.1°C

DB = Dry Bulb, MCWB = Mean Coincident Wet Bulb

Table 2.3-105— {Monthly Design Wet Bulb and Mean Coincident Dry Bulb Temperature Values for Allentown, PA (1972-2001)}

%	Jan		Feb		Mar		Apr		May		Jun	
	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB
0.4%	58.5°F	60.6°F	55.4°F	59.7°F	63.4°F	75.5°F	66.4°F	80.0°F	72.8°F	83.4°F	77.1°F	87.1°F
	14.7°C	15.9°C	13.0°C	15.4°C	17.4°C	24.2°C	19.1°C	26.7°C	22.7°C	28.6°C	25.1°C	30.6°C
1%	54.1°F	56.1°F	52.4°F	55.7°F	60.4°F	69.0°F	64.4°F	76.8°F	71.1°F	81.7°F	75.5°F	85.0°F
	12.3°C	13.4°C	11.3°C	13.2°C	15.8°C	20.6°C	18.0°C	24.9°C	21.7°C	27.6°C	24.2°C	29.4°C
2%	48.8°F	51.4°F	48.7°F	53.9°F	57.0°F	63.7°F	62.5°F	73.2°F	69.4°F	80.4°F	74.4°F	83.6°F
	9.3°C	10.8°C	9.3°C	12.2°C	13.9°C	17.6°C	16.9°C	22.9°C	20.8°C	26.9°C	23.6°C	28.7°C
%	Jul		Aug		Sep		Oct		Nov		Dec	
	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB
0.4%	78.5°F	89.8°F	78.0°F	87.3°F	75.4°F	84.0°F	68.8°F	74.1°F	64.5°F	68.5°F	59.2°F	62.7°F
	25.8°C	32.1°C	25.6°C	30.7°C	24.1°C	28.9°C	20.4°C	23.4°C	18.1°C	20.3°C	15.1°C	17.1°C
1%	77.5°F	88.7°F	76.9°F	85.8°F	74.3°F	82.1°F	67.7°F	73.3°F	63.0°F	66.9°F	55.7°F	58.5°F
	25.3°C	31.5°C	24.9°C	29.9°C	23.5°C	27.8°C	19.8°C	22.9°C	17.2°C	19.4°C	13.2°C	14.7°C
2%	76.7°F	87.4°F	75.8°F	84.6°F	73.1°F	80.2°F	66.3°F	72.0°F	61.2°F	65.3°F	52.7°F	55.3°F
	24.8°C	30.8°C	24.3°C	29.2°C	22.8°C	26.8°C	19.1°C	22.2°C	16.2°C	18.5°C	11.5°C	12.9°C
WB = Wet Bulb, MCDB = Mean Coincident Dry Bulb												

Table 2.3-106— {Monthly Mean Daily Temperature Range in Fahrenheit Degrees for Wilkes-Barre/Scranton, PA}

Monthly Mean Daily Temperature Range											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
20a	20b	20c	20d	20e	20f	20g	20h	20i	20j	20k	20l
13.3	14.6	16.5	18.5	19.7	19.0	18.8	18.4	18.1	17.8	14.0	12.4

Table 2.3-107— {SSES Monthly and Annual Precipitation (2001-2006)}

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
in	2.65	1.88	2.02	2.83	2.75	4.12	3.50	2.98	4.08	4.44	2.59	2.41	36.25
mm	67.31	47.75	51.31	71.88	69.85	104.65	88.90	75.69	103.63	112.78	65.79	61.21	902.75

Table 2.3-108— {SSES Monthly and Annual Percent Frequency (%) of Precipitation Occurrence (2001-2006)}

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
8.58	6.11	7.15	7.15	5.71	6.02	4.55	5.06	6.41	7.87	6.09	7.35	6.50

Table 2.3-109— {SSES Hourly Rainfall Rate Distribution (2001-2006)}

Rainfall Rate in/hr (mm/hr)	0.0 (0.0)	0.0-0.1 (0.0-2.5)	0.1-0.2 (2.5-5.1)	0.2-0.3 (5.1-7.6)	0.3-0.4 (7.6-10.2)	0.4-0.5 (10.2-12.7)	0.5-0.6 (12.7-15.2)	0.6-0.7 (15.2-17.8)	0.7-0.8 (17.8-20.3)	0.8-0.9 (20.3-22.9)	0.9-1.0 (22.9-25.4)	1.0-2.0 (25.4-50.8)	2.0-3.0 (50.8-76.2)	Missing Data
Number of hours	49187	2812	367	106	42	19	15	13	9	6	7	1	0	0

Table 2.3-110— {SSES Measured Extreme Precipitation Hourly Values (2001-2006)}

Rainfall Amount in (mm)	1.25 (31.75)	0.99 (25.15)	0.99 (25.15)
Date Occurred	09/24/01 13:00	02/08/05 07:00	10/31/06 07:00

Table 2.3-111— {Mean Monthly and Annual Precipitation for Sites Around Bell Bend Nuclear Power Plant (1971-2000)}

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	in	2.46	2.08	2.69	3.28	3.69	3.97	3.74	3.10	3.86	3.02	3.12	2.55	37.56
	mm	62.48	52.83	68.33	83.31	93.73	100.84	95.00	78.74	98.04	76.71	79.25	64.77	954.02
Allentown, PA	in	3.50	2.75	3.56	3.49	4.47	3.99	4.27	4.35	4.37	3.33	3.70	3.39	45.17
	mm	88.90	69.85	90.42	88.65	113.54	101.35	108.46	110.49	111.00	84.58	93.98	86.11	1147.32
Williamsport, PA	in	2.85	2.61	3.21	3.49	3.79	4.45	4.08	3.38	3.98	3.19	3.62	2.94	41.59
	mm	72.39	66.29	81.53	88.65	96.27	113.03	103.63	85.85	101.09	81.03	91.95	74.68	1056.39
Shickshinny, PA*	in	3.21	2.40	3.44	3.66	4.44	4.61	4.56	3.96	4.48	3.42	3.55	3.21	44.94
	mm	81.53	60.96	87.38	92.96	112.78	117.09	115.82	100.58	113.79	86.87	90.17	81.53	1141.48

* Only precipitation statistics were available for Shickshinny, PA.

Table 2.3-112— {Mean Monthly and Annual Snowfall for Sites Around Bell Bend Nuclear Power Plant (1971-2000)}

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	in	13.50	10.20	8.70	2.80	0.10	0.00	0.00	0.00	0.00	0.10	4.30	7.30	47.00
	mm	342.90	259.08	220.98	71.12	2.54	0.00	0.00	0.00	Trace	2.54	109.22	185.42	1193.80
Allentown, PA	in	11.10	9.40	5.70	0.80	0.05	0.00	0.00	0.00	0.00	0.10	1.40	3.80	32.30
	mm	281.94	238.76	144.78	20.32	1.27	0.00	0.00	0.00	0.00	2.54	35.56	96.52	820.42
Williamsport, PA	in	12.50	9.30	7.40	1.20	0.05	0.00	0.00	0.00	0.00	0.10	3.00	6.50	40.00
	mm	317.50	236.22	187.96	30.48	1.27	0.00	0.00	0.00	0.00	2.54	76.20	165.10	1016.00

Table 2.3-113— {Monthly Mean Number of Days with Precipitation for Sites Around Bell Bend Nuclear Power Plant (1971-2000)}

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	12.5	10.8	12.4	12.4	13.0	12.7	11.0	10.9	10.3	10.1	11.6	12.2	139.9
Allentown, PA	11.2	10.2	11.1	11.3	12.4	11.2	10.5	9.4	9.9	8.7	10.0	11.0	126.9
Williamsport, PA	11.4	10.3	11.9	12.1	13.4	12.3	11.3	10.5	10.9	10.2	11.3	11.5	137.1

Table 2.3-114— {Monthly Mean Number of Days with Heavy Fog for Sites Around Bell Bend Nuclear Power Plant (1964-2006)}

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	1.9	1.9	1.7	1.1	1.0	1.1	1.6	1.9	2.5	1.8	1.5	2.3	20.3
Allentown, PA	2.6	2.3	2.1	1.2	1.3	1.2	1.0	1.5	2.3	2.4	2.0	2.6	22.5
Williamsport, PA	2.0	1.7	1.6	1.5	2.5	2.3	2.5	3.8	7.2	6.2	3.0	2.1	36.4

Table 2.3-115— {SSES 33' (10-m) Annual Stability Persistence Summary for Year 2001}

(Page 1 of 2)

SSES JAN01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
STABILITY	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
A	68	33	17	21	11	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	161
	42	63	73	86	93	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	149	51	16	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	223
	67	90	97	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	233	61	20	7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	323
	72	91	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	229	173	91	60	35	26	16	19	14	13	7	7	5	4	5	6	5	1	3	2	2	1	3	3	10	740
	31	54	67	75	79	83	85	88	90	91	92	93	94	94	95	96	97	97	97	97	98	98	98	99	100	
E	266	153	99	58	41	27	24	17	14	9	8	4	11	3	3	0	2	0	0	0	0	0	0	0	0	739
	36	57	70	78	83	87	90	93	95	96	97	97	99	99	100	100	100	0	0	0	0	0	0	0	0	
F	200	94	39	35	19	17	9	7	7	2	5	0	2	0	0	0	0	0	0	0	0	0	0	0	0	436
	46	67	76	84	89	93	95	96	98	98	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
G	66	28	20	12	12	7	3	10	6	5	2	3	6	2	1	1	1	0	0	0	0	0	0	0	0	185
	36	51	62	68	75	78	80	85	89	91	92	94	97	98	99	99	100	0	0	0	0	0	0	0	0	
TOTAL	1211	593	302	197	121	84	57	54	41	29	22	14	24	9	9	7	8	1	3	2	2	1	3	3	10	2807

Table 2.3-115— {SSES 33' (10-m) Annual Stability Persistence Summary for Year 2001}

(Page 2 of 2)

SSES JAN01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY PERSISTENCE (HOURS)

STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL

PERSISTENCE GREATER THAN 24 HOURS			PERSISTENCE GREATER THAN 24 HOURS		
STABILITY	HOURS	NUMBER	STABILITY	HOURS	NUMBER
D	25	0	D	48	0
D	26	0	D	49	0
D	27	0	D	50	0
D	28	0	D	51	0
D	29	0	D	52	0
D	30	1	D	53	0
D	31	0	D	54	0
D	32	1	D	55	1
D	33	0	D	56	0
D	34	0	D	57	1
D	35	0	D	58	0
D	36	0	D	59	0
D	37	1	D	60	0
D	38	0	D	61	0
D	39	0	D	62	0
D	40	0	D	63	0
D	41	0	D	64	0
D	42	1	D	65	1
D	43	0			
D	44	1			
D	45	1			
D	46	0			
D	47	1			

Table 2.3-116— {SSES 33' (10-m) Annual Stability Persistence Summary for Year 2002}

(Page 1 of 2)

SSES JAN02-DEC02 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY	STABILITY PERSISTENCE (HOURS) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	59	35	14	10	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	130
	45	72	83	91	95	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	152	41	19	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	219
	69	88	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	231	42	24	6	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	306
	75	89	97	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	207	160	98	46	44	29	17	24	14	11	5	10	7	7	10	7	5	1	1	3	0	2	4	1	17	730
	28	50	64	70	76	80	82	86	88	89	90	91	92	93	94	95	96	96	96	97	97	97	98	98	100	
E	253	169	75	55	41	29	17	21	11	10	8	1	3	4	2	2	1	2	1	2	0	0	0	1	0	708
	36	60	70	78	84	88	90	93	95	96	97	97	98	98	99	99	99	99	100	100	100	100	100	100	0	
F	195	67	48	34	28	13	9	10	3	3	2	2	1	0	1	0	0	1	0	0	0	0	0	0	0	417
	47	63	74	82	89	92	94	97	98	98	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	
G	47	24	21	18	15	6	6	7	5	7	6	4	3	0	0	1	0	0	0	0	0	0	0	0	0	170
	28	42	54	65	74	77	81	85	88	92	95	98	99	99	99	100	0	0	0	0	0	0	0	0	0	
TOTAL	1144	538	299	173	137	86	49	62	33	31	21	17	14	11	13	10	6	4	2	5	0	2	4	2	17	2680

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	1
D	26	1
D	27	1
D	28	0
D	29	1
D	30	2

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	48	0
D	49	0
D	50	1
D	51	0
D	52	0
D	53	0

Table 2.3-116— {SSES 33' (10-m) Annual Stability Persistence Summary for Year 2002}

(Page 2 of 2)

SSES JAN02-DEC02 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
		D				31				0						D				54				0		
		D				32				3						D				55				0		
		D				33				1						D				56				0		
		D				34				0						D				57				0		
		D				35				1						D				58				0		
		D				36				1						D				59				0		
		D				37				1						D				60				0		
		D				38				1						D				61				0		
		D				39				0						D				62				0		
		D				40				0						D				63				1		
		D				41				0																
		D				42				1																
		D				43				0																
		D				44				0																
		D				45				0																
		D				46				0																
		D				47				0																

Table 2.3-117— {SSES 33' (10-m) Annual Stability Persistence Summary for Year 2003}

(Page 1 of 2)

SSES JAN03-DEC03 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
STABILITY	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
A	36	13	8	14	8	9	5	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103
	35	48	55	69	77	85	90	97	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	93	17	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	116
	80	95	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	146	30	9	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	189
	77	93	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	192	132	83	58	40	21	25	28	25	29	19	15	8	6	5	4	8	4	3	3	3	0	2	1	12	726
	26	45	56	64	70	72	76	80	83	87	90	92	93	94	94	95	96	97	97	98	98	98	98	98	100	
E	287	157	106	56	38	32	19	13	16	11	14	7	6	4	6	0	2	2	1	0	1	1	0	0	0	779
	37	57	71	78	83	87	89	91	93	94	96	97	98	98	99	99	99	100	100	100	100	100	0	0	0	
F	147	89	45	21	30	13	8	6	4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	366
	40	64	77	83	91	94	96	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	32	21	15	13	10	4	8	8	2	2	3	3	1	4	0	0	1	0	0	0	0	0	0	0	0	127
	25	42	54	64	72	75	81	87	89	91	93	95	96	99	99	99	100	0	0	0	0	0	0	0	0	
TOTAL	933	459	270	167	127	79	65	62	50	43	37	26	15	14	11	4	11	6	4	3	4	1	2	1	12	2406

Table 2.3-117— {SSES 33' (10-m) Annual Stability Persistence Summary for Year 2003}

(Page 2 of 2)

SSES JAN03-DEC03 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY PERSISTENCE (HOURS)

STABILITY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 GT.24 TOTAL

PERSISTENCE GREATER THAN 24 HOURS			PERSISTENCE GREATER THAN 24 HOURS		
STABILITY	HOURS	NUMBER	STABILITY	HOURS	NUMBER
D	25	1	D	44	0
D	26	0	D	45	0
D	27	1	D	46	0
D	28	0	D	47	0
D	29	1	D	48	0
D	30	0	D	49	0
D	31	0	D	50	0
D	32	0	D	51	0
D	33	0	D	52	0
D	34	1	D	53	0
D	35	0	D	54	0
D	36	0	D	55	0
D	37	1	D	56	1
D	38	2	D	57	0
D	39	2	D	58	0
D	40	1	D	59	1
D	41	0			
D	42	0			
D	43	0			

Table 2.3-118— {SSES 33' (10-m) Annual Stability Persistence Summary for Year 2004}

(Page 1 of 2)

SSES JAN04-DEC04 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
STABILITY	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
A	65	24	13	10	4	5	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	129
	50	69	79	87	90	94	96	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	128	53	13	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	197
	65	92	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	220	70	16	9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	317
	69	91	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	232	151	80	53	46	28	30	20	20	11	12	7	8	2	6	4	5	4	2	1	4	2	3	1	14	746
	31	51	62	69	75	79	83	86	88	90	92	92	94	94	95	95	96	96	97	97	97	98	98	98	100	
E	222	127	90	71	41	31	28	33	18	6	13	9	5	6	3	5	3	3	1	0	3	0	0	0	0	718
	31	49	61	71	77	81	85	90	92	93	95	96	97	97	98	99	99	99	100	100	100	0	0	0	0	
F	134	65	48	22	22	15	13	9	4	2	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	338
	40	59	73	80	86	91	94	97	98	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	
G	33	24	6	7	7	8	3	9	4	2	1	2	0	0	2	1	0	0	0	0	0	0	0	0	0	109
	30	52	58	64	71	78	81	89	93	94	95	97	97	97	99	100	0	0	0	0	0	0	0	0	0	
TOTAL	1034	514	266	173	123	88	77	74	48	21	28	18	14	9	11	10	8	7	3	1	7	2	3	1	14	2554

Table 2.3-118— {SSES 33' (10-m) Annual Stability Persistence Summary for Year 2004}

(Page 2 of 2)

SSES JAN04-DEC04 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
STABILITY	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	3
D	26	0
D	27	3
D	28	1
D	29	0
D	30	2
D	31	0
D	32	1
D	33	0
D	34	0
D	35	0
D	36	0
D	37	2
D	38	0
D	39	0
D	40	0
D	41	1
D	42	0
D	43	0

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	44	0
D	45	0
D	46	0
D	47	0
D	48	0
D	49	0
D	50	0
D	51	0
D	52	0
D	53	1

Table 2.3-119— {SSES 33' (10-m) Annual Stability Persistence Summary for Year 2005}

(Page 1 of 3)

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
STABILITY	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
A	67	28	30	19	19	21	27	23	21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	256
	26	37	49	56	64	72	82	91	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	183	37	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	229
	80	96	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	217	31	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	261
	83	95	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	264	126	74	49	28	15	15	13	13	9	8	5	5	4	4	5	1	2	1	2	2	3	1	2	10	661
	40	59	70	78	82	84	86	88	90	92	93	94	94	95	96	96	97	97	97	97	98	98	98	98	100	
E	267	137	72	48	27	33	26	15	9	6	5	9	7	1	4	5	3	1	1	1	1	0	1	1	5	685
	39	59	69	76	80	85	89	91	93	93	94	95	96	97	97	98	98	99	99	99	99	99	99	99	100	
F	194	78	53	41	17	18	12	5	2	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	427
	45	64	76	86	90	94	97	98	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	57	25	19	20	11	6	8	5	10	6	1	3	2	3	3	0	1	0	0	0	0	0	0	0	0	180
	32	46	56	67	73	77	81	84	89	93	93	95	96	98	99	99	100	0	0	0	0	0	0	0	0	
TOTAL	1249	462	267	179	102	94	88	61	55	26	17	17	14	8	11	10	5	3	2	3	3	3	2	3	15	2699

Table 2.3-119— {SSES 33' (10-m) Annual Stability Persistence Summary for Year 2005}

(Page 2 of 3)

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY PERSISTENCE (HOURS)

STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	0
D	26	1
D	27	1
D	28	1
D	29	0
D	30	0
D	31	0
D	32	1
D	33	1
D	34	1
D	35	0
D	36	0
D	37	1
D	38	0
D	39	0
D	40	1
D	41	0
D	42	0
D	43	0
D	44	0
D	45	0
D	46	1
D	47	0
D	48	0
D	49	0

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	50	0
D	51	0
D	52	0
D	53	0
D	54	0
D	55	0
D	56	0
D	57	0
D	58	0
D	59	1
E	25	0
E	26	0
E	27	0
E	28	0
E	29	0
E	30	0
E	31	1
E	32	0
E	33	0
E	34	1
E	35	0
E	36	1
E	37	1
E	38	0

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
E	39	0
E	40	0
E	41	0
E	42	0

Table 2.3-119— {SSES 33' (10-m) Annual Stability Persistence Summary for Year 2005}

(Page 3 of 3)

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
STABILITY	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
		E				43				0																
		E				44				0																
		E				45				0																
		E				46				0																
		E				47				0																
		E				48				0																
		E				49				0																
		E				50				0																
		E				51				0																
		E				52				0																
		E				53				0																
		E				54				1																

Table 2.3-120— {SSES 33' (10-m) Annual Stability Persistence Summary for Year 2006}

(Page 1 of 2)

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
STABILITY	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
A	37	21	14	10	16	11	13	17	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	145
	26	40	50	57	68	75	84	96	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	144	27	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	178
	81	96	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	199	35	5	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	245
	81	96	98	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	205	120	90	45	30	23	20	21	15	6	9	7	4	5	7	3	5	0	0	3	1	2	2	3	26	652
	31	50	64	71	75	79	82	85	87	88	90	91	91	92	93	94	94	94	94	95	95	95	96	96	100	
E	258	154	91	58	30	25	24	15	12	14	4	5	5	4	1	4	1	1	3	0	0	0	0	0	3	712
	36	58	71	79	83	87	90	92	94	96	96	97	98	98	98	99	99	99	100	100	100	100	100	100	100	
F	184	70	41	43	12	15	8	10	4	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	392
	47	65	75	86	89	93	95	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	40	28	12	13	15	5	3	4	13	5	1	1	0	2	1	1	2	1	0	0	0	0	0	0	0	147
	27	46	54	63	73	77	79	82	90	94	95	95	95	97	97	98	99	100	0	0	0	0	0	0	0	
TOTAL	1067	455	258	175	105	79	68	67	49	29	15	14	9	11	9	8	8	2	3	3	1	2	2	3	29	2471

Table 2.3-120— {SSES 33' (10-m) Annual Stability Persistence Summary for Year 2006}

(Page 2 of 2)

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
STABILITY	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	1
D	26	3
D	27	1
D	28	1
D	29	2
D	30	0
D	31	2
D	32	0
D	33	0
D	34	2
D	35	0
D	36	0
D	37	0
D	38	0
D	39	2
D	40	1
D	41	0
D	42	0
D	43	1
D	44	1
D	45	0
D	46	1
D	47	0
D	48	0
D	49	0
D	50	2
D	51	0
D	52	0
D	53	0
D	54	0

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	55	0
D	56	0
D	57	0
D	58	1
D	59	0
D	60	1
D	61	1
D	62	0
D	63	1
D	64	0
D	65	0
D	66	0
D	67	0
D	68	0
D	69	0
D	70	1
D	71	0
D	72	0
D	73	0
D	74	0
D	75	0
D	76	0
D	77	1
E	25	1
E	26	0
E	27	0
E	28	1
E	29	0
E	30	1

Table 2.3-121— {SSES 33' (10-m) Annual Stability Persistence Summary for Years 2001-2006}

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	59.2	28.2	17.6	14	11	10	9.4	8.8	5.6	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	164.2
	45	58.8	68.4	78.2	83.6	89.4	73.2	78.4	60.4	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.6
B	151.2	41.8	12	2.2	1.6	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	209.2
	91	95.8	98.8	99.6	100	40	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.2
C	220	47.8	15.4	5.6	0.8	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	290.4
	105.2	98.4	99.6	100	80	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37.8
D	227.4	146	86.6	50.6	36.6	24.2	19.6	19.4	15.2	10	8.2	7.2	5.8	4.4	6.4	5	4.2	1.6	1.4	2.2	1.8	2	2.6	2	15.4	705.8
	70.6	79.2	82	84.2	85.4	85.2	88.6	92.2	93.6	95.8	95.2	95.2	94.6	94.8	95.6	96	97.6	96.8	96.8	97.2	97.6	97.2	98	98	102.4	145.2
E	253.2	148	85.4	58	36	29	23.8	20.2	12.8	9	7.6	5.6	6.2	3.6	2.6	3.2	2	1.4	1.2	0.6	0.8	0	0.2	0.4	1.6	712.4
	93	88	89.4	87.6	89	92	92.6	94.4	97	97	98.6	97.8	98.8	98.6	99.6	99	99.4	79.6	80	79.8	80	60	59.8	59.8	40	155.8
F	181.4	74.8	45.8	35	19.6	15.6	10.2	8.2	4	2.8	2.6	0.6	0.8	0.2	0.2	0	0	0.2	0	0	0	0	0	0	0	402
	74.4	81.4	83.8	87.8	94.6	95.2	96.6	98.4	99	98.8	99.8	79.8	60	40	20	20	20	20	0	0	0	0	0	0	0	73.2
G	48.6	25.8	15.6	14	12	6.4	4.6	7	7.6	5	2.2	2.6	2.2	1.4	1.4	0.8	0.8	0.2	0	0	0	0	0	0	0	158.2
	37	51.6	59.8	68	75.2	78.2	82	86.6	90.2	93.2	94.6	96.4	97	98.6	98.6	99.2	60	20	0	0	0	0	0	0	0	25.4
TOTAL	1141	512.4	278.4	179	117.6	86.2	67.8	63.6	45.2	27.2	20.6	16	15	9.6	10.6	9	7	3.4	2.6	2.8	2.6	2	2.8	2.4	17	2642.2

Table 2.3-122— {SSES 197' (60-m) Annual Stability Persistence Summary for Year 2001}

(Page 1 of 2)

SSES JAN01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
STABILITY	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
A	68	33	17	21	11	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	161
	42	63	73	86	93	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	149	51	16	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	223
	67	90	97	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	233	61	20	7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	323
	72	91	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	229	173	91	60	35	26	16	19	14	13	7	7	5	4	5	6	5	1	3	2	2	1	3	3	10	740
	31	54	67	75	79	83	85	88	90	91	92	93	94	94	95	96	97	97	97	97	98	98	98	99	100	
E	267	155	98	57	41	27	24	17	14	9	8	4	11	3	3	0	2	0	0	0	0	0	0	0	0	740
	36	57	70	78	84	87	90	93	95	96	97	97	99	99	100	100	100	0	0	0	0	0	0	0	0	
F	201	94	39	35	19	16	9	7	7	2	5	0	2	0	0	0	0	0	0	0	0	0	0	0	0	436
	46	68	77	85	89	93	95	96	98	98	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
G	66	28	20	12	12	7	3	10	6	5	2	3	6	2	1	1	1	0	0	0	0	0	0	0	0	185
	36	51	62	68	75	78	80	85	89	91	92	94	97	98	99	99	100	0	0	0	0	0	0	0	0	
TOTAL	1213	595	301	196	121	83	57	54	41	29	22	14	24	9	9	7	8	1	3	2	2	1	3	3	10	2808

Table 2.3-122— {SSES 197' (60-m) Annual Stability Persistence Summary for Year 2001}

(Page 2 of 2)

SSES JAN01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	0
D	26	0
D	27	0
D	28	0
D	29	0
D	30	1
D	31	0
D	32	1
D	33	0
D	34	0
D	35	0
D	36	0
D	37	1
D	38	0
D	39	0
D	40	0
D	41	0
D	42	1
D	43	0
D	44	1
D	45	1
D	46	0
D	47	1
D	48	0
D	49	0

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	50	0
D	51	0
D	52	0
D	53	0
D	54	0
D	55	1
D	56	0
D	57	1
D	58	0
D	59	0
D	60	0
D	61	0
D	62	0
D	63	0
D	64	0
D	65	1

Table 2.3-123— {SSES 197' (60-m) Annual Stability Persistence Summary for Year 2002}

(Page 1 of 2)

SSES JAN02-DEC02 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
STABILITY	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
A	59	35	14	10	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	130
	45	72	83	91	95	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	152	41	19	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	219
	69	88	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	231	42	24	6	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	306
	75	89	97	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	207	160	98	46	44	29	17	24	14	11	5	10	7	7	10	7	5	1	1	3	0	2	4	1	17	730
	28	50	64	70	76	80	82	86	88	89	90	91	92	93	94	95	96	96	96	97	97	97	98	98	100	
E	253	169	75	55	41	29	17	21	11	10	8	1	3	4	2	2	1	2	1	2	0	0	0	1	0	708
	36	60	70	78	84	88	90	93	95	96	97	97	98	98	99	99	99	99	100	100	100	100	100	100	0	
F	195	67	48	34	28	13	9	10	3	3	2	2	1	0	1	0	0	1	0	0	0	0	0	0	0	417
	47	63	74	82	89	92	94	97	98	98	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	
G	47	24	21	18	15	6	6	7	5	7	6	4	3	0	0	1	0	0	0	0	0	0	0	0	0	170
	28	42	54	65	74	77	81	85	88	92	95	98	99	99	99	100	0	0	0	0	0	0	0	0	0	
TOTAL	1144	538	299	173	137	86	49	62	33	31	21	17	14	11	13	10	6	4	2	5	0	2	4	2	17	2680

Table 2.3-123— {SSES 197' (60-m) Annual Stability Persistence Summary for Year 2002}

(Page 2 of 2)

SSES JAN02-DEC02 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY PERSISTENCE (HOURS)

STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	1
D	26	1
D	27	1
D	28	0
D	29	1
D	30	2
D	31	0
D	32	3
D	33	1
D	34	0
D	35	1
D	36	1
D	37	1
D	38	1
D	39	0
D	40	0
D	41	0
D	42	1
D	43	0
D	44	0
D	45	0
D	46	0
D	47	0
D	48	0
D	49	0

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	50	1
D	51	0
D	52	0
D	53	0
D	54	0
D	55	0
D	56	0
D	57	0
D	58	0
D	59	0
D	60	0
D	61	0
D	62	0
D	63	1

Table 2.3-124— {SSES 197' (60-m) Annual Stability Persistence Summary for Year 2003}

(Page 1 of 2)

SSES JAN03-DEC03 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
STABILITY	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
A	35	13	7	15	8	9	5	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	102
	34	47	54	69	76	85	90	97	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	93	17	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	116
	80	95	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	146	30	9	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	189
	77	93	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	193	131	84	58	40	20	24	28	25	29	19	15	8	6	5	4	8	4	3	3	3	0	2	1	12	725
	27	45	56	64	70	73	76	80	83	87	90	92	93	94	94	95	96	97	97	98	98	98	98	98	100	
E	285	158	106	57	38	33	18	13	15	11	14	7	6	4	6	0	2	2	1	0	1	1	0	0	0	778
	37	57	71	78	83	87	89	91	93	94	96	97	98	98	99	99	99	100	100	100	100	100	0	0	0	
F	147	88	43	21	30	13	8	6	4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	363
	40	65	77	82	91	94	96	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	34	20	15	12	11	5	8	7	2	1	3	3	1	4	0	0	1	0	0	0	0	0	0	0	0	127
	27	43	54	64	72	76	83	88	90	91	93	95	96	99	99	99	100	0	0	0	0	0	0	0	0	
TOTAL	933	457	268	168	128	80	63	61	49	42	37	26	15	14	11	4	11	6	4	3	4	1	2	1	12	2400

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	1
D	26	0
D	27	1
D	28	0
D	29	1
D	30	0
D	31	0
D	32	0
D	33	0

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	48	0
D	49	0
D	50	0
D	51	0
D	52	0
D	53	0
D	54	0
D	55	0
D	56	1

Table 2.3-124— {SSES 197' (60-m) Annual Stability Persistence Summary for Year 2003}

(Page 2 of 2)

SSES JAN03-DEC03 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
		D				34				1						D				57				0		
		D				35				0						D				58				0		
		D				36				0						D				59				1		
		D				37				1																
		D				38				2																
		D				39				2																
		D				40				1																
		D				41				0																
		D				42				0																
		D				43				0																
		D				44				0																
		D				45				0																
		D				46				0																
		D				47				0																

Table 2.3-125— {SSES 197' (60-m) Annual Stability Persistence Summary for Year 2004}

(Page 1 of 2)

SSES JAN04-DEC04 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY PERSISTENCE (HOURS)

STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	65	24	13	10	4	5	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	129
	50	69	79	87	90	94	96	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	128	53	13	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	197
	65	92	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	221	70	16	9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	318
	69	92	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	232	151	80	53	46	27	31	20	20	11	12	7	8	2	6	4	5	4	2	1	4	2	3	1	14	746
	31	51	62	69	75	79	83	86	88	90	92	92	94	94	95	95	96	96	97	97	97	98	98	98	100	
E	222	127	90	71	41	31	28	33	18	6	13	9	5	6	3	5	3	3	1	0	3	0	0	0	0	718
	31	49	61	71	77	81	85	90	92	93	95	96	97	97	98	99	99	99	100	100	100	0	0	0	0	
F	134	65	48	22	22	15	13	9	4	2	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	338
	40	59	73	80	86	91	94	97	98	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	
G	33	24	6	7	7	8	3	9	4	2	1	2	0	0	2	1	0	0	0	0	0	0	0	0	0	109
	30	52	58	64	71	78	81	89	93	94	95	97	97	97	99	100	0	0	0	0	0	0	0	0	0	
TOTAL	1035	514	266	173	123	87	78	74	48	21	28	18	14	9	11	10	8	7	3	1	7	2	3	1	14	2555

Table 2.3-125— {SSES 197' (60-m) Annual Stability Persistence Summary for Year 2004}

(Page 2 of 2)

SSES JAN04-DEC04 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY PERSISTENCE (HOURS)

STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	3
D	26	0
D	27	3
D	28	1
D	29	0
D	30	2
D	31	0
D	32	1
D	33	0
D	34	0
D	35	0
D	36	0
D	37	2
D	38	0
D	39	0
D	40	0
D	41	1
D	42	0
D	43	0
D	44	0

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	45	0
D	46	0
D	47	0
D	48	0
D	49	0
D	50	0
D	51	0
D	52	0
D	53	1

Table 2.3-126— {SSES 197' (60-m) Annual Stability Persistence Summary for Year 2005}

(Page 1 of 3)

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY PERSISTENCE (HOURS)

STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	53	26	19	14	9	18	18	19	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	185
	29	43	53	61	65	75	85	95	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	148	31	6	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	187
	79	96	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	170	26	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208
	82	94	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	204	96	64	45	23	14	14	11	13	9	8	5	5	4	4	5	1	2	1	2	2	3	1	2	10	548
	37	55	66	75	79	81	84	86	88	90	91	92	93	94	95	96	96	96	96	97	97	98	98	98	100	
E	216	114	57	41	27	30	23	11	7	5	2	7	3	1	4	4	3	1	1	1	1	0	1	1	5	566
	38	58	68	76	80	86	90	92	93	94	94	95	96	96	97	98	98	98	98	99	99	99	99	99	100	
F	168	64	42	30	15	12	7	4	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	346
	49	67	79	88	92	96	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	48	22	17	15	9	6	6	5	7	6	1	3	2	3	3	0	1	0	0	0	0	0	0	0	0	154
	31	45	56	66	72	76	80	83	88	92	92	94	95	97	99	99	100	0	0	0	0	0	0	0	0	
TOTAL	1007	379	216	147	83	81	68	50	37	23	11	15	10	8	11	9	5	3	2	3	3	3	2	3	15	2194

Table 2.3-126— {SSES 197' (60-m) Annual Stability Persistence Summary for Year 2005}

(Page 2 of 3)

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY PERSISTENCE (HOURS)

STABILITY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 GT.24 TOTAL

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	0
D	26	1
D	27	1
D	28	1
D	29	0
D	30	0
D	31	0
D	32	1
D	33	1
D	34	1
D	35	0
D	36	0
D	37	1
D	38	0
D	39	0
D	40	1
D	41	0
D	42	0
D	43	0
D	44	0
D	45	0
D	46	1
D	47	0
D	48	0
D	49	0

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
E	39	0
E	40	0
E	41	0
E	42	0
E	43	0
E	44	0

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	50	0
D	51	0
D	52	0
D	53	0
D	54	0
D	55	0
D	56	0
D	57	0
D	58	0
D	59	1
E	25	0
E	26	0
E	27	0
E	28	0
E	29	0
E	30	0
E	31	1
E	32	0
E	33	0
E	34	1
E	35	0
E	36	1
E	37	1
E	38	0

Table 2.3-126— {SSES 197' (60-m) Annual Stability Persistence Summary for Year 2005}

(Page 3 of 3)

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY PERSISTENCE (HOURS)

STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
		E				45				0																
		E				46				0																
		E				47				0																
		E				48				0																
		E				49				0																
		E				50				0																
		E				51				0																
		E				52				0																
		E				53				0																
		E				54				1																

Table 2.3-127— {SSES 197' (60-m) Annual Stability Persistence Summary for Year 2006}

(Page 1 of 3)

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY PERSISTENCE (HOURS)

STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT. 24	TOTAL
A	37	21	14	10	16	11	13	17	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	145
	26	40	50	57	68	75	84	96	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	144	27	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	178
	81	96	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	199	35	5	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	245
	81	96	98	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	205	120	90	45	30	23	20	21	15	6	9	7	4	5	7	3	5	0	0	3	1	2	2	3	26	652
	31	50	64	71	75	79	82	85	87	88	90	91	91	92	93	94	94	94	94	95	95	95	96	96	100	
E	258	154	91	58	30	25	24	15	12	14	4	5	5	4	1	4	1	1	3	0	0	0	0	0	3	712
	36	58	71	79	83	87	90	92	94	96	96	97	98	98	98	99	99	99	100	100	100	100	100	100	100	
F	183	70	41	43	12	15	8	10	4	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	391
	47	65	75	86	89	93	95	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	40	28	12	13	15	5	3	4	13	5	1	1	0	2	1	1	2	1	0	0	0	0	0	0	0	147
	27	46	54	63	73	77	79	82	90	94	95	95	95	97	97	98	99	100	0	0	0	0	0	0	0	
TOTAL	1066	455	258	175	105	79	68	67	49	29	15	14	9	11	9	8	8	2	3	3	1	2	2	3	29	2470

Table 2.3-127— {SSES 197' (60-m) Annual Stability Persistence Summary for Year 2006}

(Page 2 of 3)

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY PERSISTENCE (HOURS)

STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT. 24	TOTAL

PERSISTENCE GREATER THAN 24 HOURS			PERSISTENCE GREATER THAN 24 HOURS		
STABILITY	HOURS	NUMBER	STABILITY	HOURS	NUMBER
D	25	1	D	49	0
D	26	3	D	50	2
D	27	1	D	51	0
D	28	1	D	52	0
D	29	2	D	53	0
D	30	0	D	54	0
D	31	2	D	55	0
D	32	0	D	56	0
D	33	0	D	57	0
D	34	2	D	58	1
D	35	0	D	59	0
D	36	0	D	60	1
D	37	0	D	61	1
D	38	0	D	62	0
D	39	2	D	63	1
D	40	1	D	64	0
D	41	0	D	65	0
D	42	0	D	66	0
D	43	1	D	67	0
D	44	1	D	68	0
D	45	0	D	69	0
D	46	1	D	70	1
D	47	0	D	71	0
D	48	0	D	72	0

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER

Table 2.3-127— {SSES 197' (60-m) Annual Stability Persistence Summary for Year 2006}
(Page 3 of 3)

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY PERSISTENCE (HOURS)

STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT. 24	TOTAL
		D				73				0																
		D				74				0																
		D				75				0																
		D				76				0																
		D				77				1																
		E				25				1																
		E				26				0																
		E				27				0																
		E				28				1																
		E				29				0																
		E				30				1																

Table 2.3-128— {SSES 197' (60-m) Annual Stability Persistence Summary for Years 2001-2006}

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	56.4	27.8	15.4	13	9	9.4	7.6	8	3.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	150
	45.4	60	69	79.4	83.8	90	73.8	79.2	60.4	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.4
B	144.2	40.6	11.8	2.2	1.6	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200.8
	90.8	95.8	98.8	99.4	99.8	40	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.2
C	210.8	46.8	15.2	5.6	0.8	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	280
	105	98.4	99.6	100	80	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37.8
D	215.4	140	84.6	49.8	35.6	23.8	19.6	19	15.2	10	8.2	7.2	5.8	4.4	6.4	5	4.2	1.6	1.4	2.2	1.8	2	2.6	2	15.4	683.2
	70.2	78.2	81.4	83.6	84.8	84.4	88	91.8	93.2	95.4	94.8	94.8	94.4	94.6	95.4	96	97.4	96.6	96.6	97.2	97.4	97.2	98	98	102.4	145
E	243.2	143.8	82.2	56.4	36	28.4	23.2	19.4	12.4	8.8	7	5.2	5.4	3.6	2.6	3	2	1.4	1.2	0.6	0.8	0	0.2	0.4	1.6	688.8
	92.4	88	89.2	87.8	89.2	92.4	92.6	94.6	96.8	97.2	98.6	97.8	98.8	98.4	99.6	99	99.4	79.4	79.8	79.8	80	60	59.8	59.8	40	155.6
F	176.2	72	43.6	32.8	19.2	14.2	9.2	8	3.8	2.6	2	0.6	0.8	0.2	0.2	0	0	0.2	0	0	0	0	0	0	0	385.6
	75.2	82	84.2	88.4	95	95.6	96.8	98.6	99.2	99	79.8	79.8	60	40	20	20	20	20	0	0	0	0	0	0	0	72.6
G	46.8	25.2	15.2	13	11.6	6.4	4.2	7	7	5	2.2	2.6	2.2	1.4	1.4	0.8	0.8	0.2	0	0	0	0	0	0	0	153
	37.2	51.2	59.8	67.6	75.2	78.2	81.8	86.2	90	92.8	94.4	96.2	96.8	98.4	98.6	99.2	60	20	0	0	0	0	0	0	0	25.4
TOTAL	1093	496.2	268	173	113.8	83.2	64	61.4	41.6	26.6	19.4	15.6	14.2	9.6	10.6	8.8	7	3.4	2.6	2.8	2.6	2	2.8	2.4	17	2541.4

Table 2.3-129— {SSES Monthly Atmospheric Stability Summary (2001-2006)}

Stability	Frequency of Occurrence by Percent											
Class	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A	1.84	3.77	5.69	8.77	6.86	8.43	11.16	11.16	7.01	2.55	0.87	0.78
B	1.66	3.16	3.23	3.64	3.91	4.54	4.57	3.85	3.73	2.39	1.37	0.76
C	2.49	4.14	3.92	4.96	5.72	5.37	6.03	4.89	5.09	3.69	2.7	2.04
D	50.31	46.57	46.53	40.89	38.78	33.24	28.88	27.25	29.05	37.57	40.5	45.99
E	28.49	26.38	23.77	24.79	26.12	28.12	29.79	32.12	31.48	32.38	31.09	30.58
F	8.49	9.54	9.12	7.33	11.99	14.31	15.59	15.37	16.25	12.28	11.27	11.67
G	6.72	6.43	7.75	9.62	6.62	6	3.99	5.36	7.38	9.14	12.21	8.18
Stability	Frequency of Occurrence by Number of Hours											
Class	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A	82	153	254	378	291	364	498	498	303	112	36	35
B	74	128	144	157	166	196	204	172	161	105	57	34
C	111	168	175	214	243	232	269	218	220	162	112	91
D	2246	1889	2077	1763	1646	1436	1289	1216	1255	1649	1682	2053
E	1272	1070	1061	1069	1109	1215	1330	1433	1360	1421	1291	1365
F	379	387	407	316	509	618	696	686	702	539	468	521
G	300	261	346	415	281	259	178	239	319	401	507	365

Table 2.3-130— {Monthly and Annual Average Mixing Height Values (m)}

Month	Year											monthly	annual
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	average	average
JAN	977	791	958	929	911	930	969	1120	831	781	1098	935	1055
FEB	995	685	1093	993	1362	1089	1037	905	865	1390	1172	1003	
MAR	1148	1333	1189	1111	1105	1421	1081	1184	1082	1187	942	1184	
APR	1371	1229	1028	1288	1185	1420	997	1290	1189	1094	1296	1222	
MAY	1375	929	944	1131	1318	1385	993	1223	1295	1185	1235	1177	
JUN	899	1060	1103	1086	1253	1088	965	1120	1134	968	1145	1079	
JUL	1143	1205	1151	925	1127	1012	1260	982	1147	1101	1253	1106	
AUG	1053	860	1108	860	1162	1073	964	1144	1255	1041	952	1053	
SEP	978	927	869	909	1003	896	913	770	1150	898	1015	935	
OCT	1011	958	1040	907	1292	900	1039	752	799	1147	910	966	
NOV	989	1065	1083	1002	899	1203	975	962	1131	1006		1034	
DEC	845	1044	1007	1097	1025	908	887	954	875	1045		960	

Table 2.3-131— {Monthly and Annual Average Mixing Height Values (ft)}

Month	Year											monthly	annual
	1997	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**average**	**average**
JAN	3205	2595	3143	3048	2988	3049	3177	3675	2725	2563	3601	3067	3459
FEB	3263	2247	3584	3259	4467	3572	3402	2969	2839	4558	3844	3289	
MAR	3765	4374	3901	3643	3623	4660	3547	3884	3549	3893	3089	3883	
APR	4496	4032	3373	4225	3888	4656	3269	4230	3901	3587	4250	4008	
MAY	4511	3046	3096	3710	4322	4543	3257	4010	4248	3886	4052	3860	
JUN	2947	3477	3617	3564	4109	3570	3166	3674	3719	3174	3755	3538	
JUL	3749	3952	3774	3034	3696	3318	4134	3222	3762	3612	4109	3627	
AUG	3453	2821	3633	2821	3812	3518	3163	3751	4115	3414	3123	3454	
SEP	3207	3041	2850	2981	3291	2939	2993	2525	3772	2945	3328	3067	
OCT	3315	3143	3410	2974	4237	2951	3407	2466	2619	3762	2985	3169	
NOV	3245	3494	3552	3288	2949	3945	3197	3156	3709	3299	0	3393	
DEC	2773	3425	3302	3599	3362	2979	2910	3129	2870	3428	0	3150	

Table 2.3-132— {Temperature Inversion Frequency and Persistence at SSES, Year 2001}

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	72	17.39
2	44	28.02
3	32	35.75
4	18	40.10
5	21	45.17
6	10	47.58
7	17	51.69
8	16	55.56
9	16	59.42
10	15	63.04
11	28	69.81
12	32	77.54
13	25	83.57
14	14	86.96
15	19	91.55
16	15	95.17
17	9	97.34
18	8	99.28
19	1	99.52
20	1	99.76
21	0	99.76
22	1	100.00

THE LONGEST INVERSION LASTED 22 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 18 HOURS INTO DAY 347

THIRD COLUMN DEFINES THE PERCENT PROBABILITY
THAT IF AN INVERSION OCCURS, ITS DURATION
WILL BE LESS THAN THE NUMBER OF HOURS SPECIFIED

Table 2.3-133— {Temperature Inversion Frequency and Persistence at SSES, Year 2002}

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	59	15.49
2	39	25.72
3	27	32.81
4	20	38.06
5	16	42.26
6	27	49.34
7	18	54.07
8	13	57.48
9	14	61.15
10	9	63.52
11	20	68.77
12	24	75.07
13	37	84.78
14	15	88.71
15	12	91.86
16	12	95.01
17	5	96.33
18	8	98.43
19	3	99.21
20	1	99.48
21	1	99.74
22	0	99.74
23	0	99.74
24	0	99.74
25	0	99.74
26	0	99.74
27	1	100.00

THE LONGEST INVERSION LASTED 27 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 20 HOURS INTO DAY 23

THIRD COLUMN DEFINES THE PERCENT PROBABILITY
THAT IF AN INVERSION OCCURS, ITS DURATION
WILL BE LESS THAN THE NUMBER OF HOURS SPECIFIED

Table 2.3-134— {Temperature Inversion Frequency and Persistence at SSES, Year 2003}

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	70	18.37
2	48	30.97
3	30	38.85
4	17	43.31
5	14	46.98
6	14	50.66
7	20	55.91
8	23	61.94
9	13	65.35
10	15	69.29
11	10	71.92
12	24	78.22
13	24	84.51
14	20	89.76
15	14	93.44
16	10	96.06
17	10	98.69
18	1	98.95
19	2	99.48
20	1	99.74
21	0	99.74
22	1	100.00

THE LONGEST INVERSION LASTED 22 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 16 HOURS INTO DAY 356

THIRD COLUMN DEFINES THE PERCENT PROBABILITY
THAT IF AN INVERSION OCCURS, ITS DURATION
WILL BE LESS THAN THE NUMBER OF HOURS SPECIFIED

Table 2.3-135— {Temperature Inversion Frequency and Persistence at SSES, Year 2004}

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	96	22.91
2	42	32.94
3	30	40.10
4	22	45.35
5	23	50.84
6	17	54.89
7	20	59.67
8	13	62.77
9	21	67.78
10	21	72.79
11	18	77.09
12	22	82.34
13	23	87.83
14	21	92.84
15	14	96.18
16	6	97.61
17	7	99.28
18	1	99.52
19	2	100.0

THE LONGEST INVERSION LASTED 19 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 17 HOURS INTO DAY 61
NUMBER 2 STARTED 19 HOURS INTO DAY 364

THIRD COLUMN DEFINES THE PERCENT PROBABILITY
THAT IF AN INVERSION OCCURS, ITS DURATION
WILL BE LESS THAN THE NUMBER OF HOURS SPECIFIED

Table 2.3-136— {Temperature Inversion Frequency and Persistence at SSES, Year 2005}

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	70	17.03
2	34	25.30
3	22	30.66
4	39	40.15
5	11	42.82
6	18	47.20
7	13	50.36
8	7	52.07
9	14	55.47
10	20	60.34
11	25	66.42
12	46	77.62
13	32	85.40
14	12	88.32
15	18	92.70
16	10	95.13
17	11	97.81
18	4	98.78
19	1	99.03
20	2	99.51
21	1	99.76
22	1	100.00

THE LONGEST INVERSION LASTED 22 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 18 HOURS INTO DAY 357

THIRD COLUMN DEFINES THE PERCENT PROBABILITY
THAT IF AN INVERSION OCCURS, ITS DURATION
WILL BE LESS THAN THE NUMBER OF HOURS SPECIFIED

Table 2.3-137— {Temperature Inversion Frequency and Persistence at SSES, Year 2006}

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	74	18.73
2	32	26.84
3	31	34.68
4	22	40.25
5	17	44.56
6	19	49.37
7	20	54.43
8	19	59.24
9	21	64.56
10	22	70.13
11	21	75.44
12	25	81.77
13	17	86.08
14	18	90.63
15	10	93.16
16	6	94.68
17	7	96.46
18	6	97.97
19	5	99.24
20	3	100.00

THE LONGEST INVERSION LASTED 20 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 19 HOURS INTO DAY 12
NUMBER 2 STARTED 18 HOURS INTO DAY 20
NUMBER 3 STARTED 19 HOURS INTO DAY 29

THIRD COLUMN DEFINES THE PERCENT PROBABILITY
THAT IF AN INVERSION OCCURS, ITS DURATION
WILL BE LESS THAN THE NUMBER OF HOURS SPECIFIED

Table 2.3-138— {National Ambient Air Quality Standards}

	Primary Standards		Secondary Standards	
Pollutant	Level	Averaging Time	Level	Averaging Time
Carbon Monoxide	9 ppm (10 mg/m^3)	8-hour[1]	None	
	35 ppm (40 mg/m^3)	1-hour[1]		
Lead	1.5 µg/m^3	Quarterly Average	Same as Primary	
Nitrogen Dioxide	0.053 ppm (100 µg/m^3)	Annual (Arithmetic Mean)	Same as Primary	
Particulate Matter (PM10)	150 µg/m^3	24-hour[2]	Same as Primary	
Particulate Matter (PM2.5)	15.0 µg/m^3	Annual[3] (Arithmetic Mean)	Same as Primary	
	35 µg/m^3	24-hour[4]	Same as Primary	
Ozone	0.075 ppm (2008 std)	8-hour[5]	Same as Primary	
	0.08 ppm (1997 std)	8-hour[6]	Same as Primary	
	0.12 ppm	1-hour[7] (Applies only in limited areas)	Same as Primary	
Sulfur Dioxide	0.03 ppm	Annual (Arithmetic Mean)	0.5 ppm (1300 µg/m^3)	3-hour[1]
	0.14 ppm	24-hour[1]		

(1) Not to be exceeded more than once per year.
(2) Not to be exceeded more than once per year on average over 3 years.
(3) To attain this standard, the 3-year average of the weighted annual mean PM2.5 concentrations from single or multiple community-oriented monitors must not exceed 15.0 µg/m^3.
(4) To attain this standard, the 3-year average of the 98th percentile of 24-hour concentrations at each population-oriented monitor within an area must not exceed 35 µg/m^3 (effective December 17, 2006).
(5) To attain this standard, the 3-year average of the fourth-highest daily maximum 8-hour average ozone concentrations measured at each monitor within an area over each year must not exceed 0.075 ppm. (effective May 27, 2008)
(6) (a) To attain this standard, the 3-year average of the fourth-highest daily maximum 8-hour average ozone concentrations measured at each monitor within an area over each year must not exceed 0.08 ppm.
(b) The 1997 standard-and the implementation rules for that standard-will remain in place for implementation purposes as EPA undertakes rulemaking to address the transition from the 1997 ozone standard to the 2008 ozone standard.
(7) (a) The standard is attained when the expected number of days per calendar year with maximum hourly average concentrations above 0.12 ppm is < 1.
(b) As of June 15, 2005 EPA revoked the 1-hour ozone standard in all areas except the 8-hour ozone nonattainment Early Action Compact (EAC) Areas.

Table 2.3-139— {Primary Meteorological Tower Instrument Types, Specifications and Accuracies for Pre-Application and Pre-Operational Programs}

Characteristics	Requirements*	Specifications
	Wind Speed Sensor	
Make		Climatronics
Model		100075
Starting Threshold	< 1 mph (0.45 m/s)	0.5 mph
Range		0-145 mph
Accuracy	+/- 0.2 m/s (+/- 0.45 mph) or 5% of observed wind speed	+/- 1.0% or +/- 0.15 mph, whichever is greater
	Wind Direction Sensor	
Make		Climatronics
Model		100076
Starting Threshold	< 1 mph (0.45 m/s)	0.5 mph
Range		0-360 degrees
Accuracy	+/- 5 degrees	+/- 2 degrees
Resolution	1.0 degree	1.0 degree
	Temperature Sensors	
Make		Climatronics
Model		100093
Range (ambient)		-20°F to +100°F
Range (vertical temperature difference)		-5°F to +5°F
Accuracy (ambient)	+/- 0.5°C (+/- 0.9°F)	+/- 0.15°C
Resolution (ambient)	0.1°C (+/- 0.1°F)	0.1°C (+/- 0.1°F)
Accuracy (vertical temperature difference)	+/- 0.1°C (+/- 0.18°F)	+/- 0.1°C
Resolution (vertical temperature difference)	0.1°C (0.1°F)	0.1°C (0.1°F)
	Dew Point Sensor	
Make		Climatronics
Model		101197
Range		-40°F to +100°F
Accuracy	+/- 1.5°C (+/- 2.7°F)	+/- 0.5°C
Resolution	0.1°C (0.1°F)	0.1°C (0.1°F)
	Precipitation Sensor	
Make		Climatronics
Model		100097-1
Accuracy	+/- 10% for a volume equivalent to 2.54 mm (0.1 in.) of precipitation at a rate of 50 mm/h (< 2 in./h)	+/- 1.0% at 3 inches per hour
Resolution	0.25 m (0.01 in)	0.25 m (0.01 in)

* Accuracy requirements from Regulatory Guide 1.23, Revision 1, March 2007

Table 2.3-140— {Distances from BBNPP Met Tower to Nearby Obstructions to Air Flow}

Downwind Sector*	Approximate Distance miles (meters)
N	0.45 (724)
NNE	0.45 (0.724)
NE	N/A**
ENE	N/A**
E	N/A**
ESE	N/A**
SE	N/A**
SSE	N/A**
S	N/A**
SSW	N/A**
SW	0.25 (402)
WSW	0.40 (644)
W	0.30 (483)
WNW	0.45 (724)
NW	0.5 (805)
NNW	0.5 (805)

* With respect to True North
** Lower than base elevation and therefore no possible obstructions

Table 2.3-141— {AEOLUS3 and ARCON96 Input }
(Page 1 of 2)

Parameter	Value(s)
Wind speed group upper limits for AEOLUS3	0.224, 0.75, 1.0, 1.5, 2.0, 3.0, 5.0, 7.0, 10.0, 13.0, 18.0, 50.0 meters/second
AEOLUS3 wind speed assigned to calms	0.25 miles per hour
Anemometer starting speed for the AEOLUS3 runs	0.5 miles per hour
Temperature sensor separation	60m - 10m or 50 meters
Wind instrument heights	10m, 60m
The annual average mixing layer height	900 meters
Meteorological channel units of measure	Wind speed miles per hour Wind direction degrees from True North Delta-Temperature degrees Fahrenheit per sensor separation in feet
Minimum wind speed value for ARCON96	0.5 m/sec
Surface roughness for ARCON96	0.2
Sector averaging constant for ARCON96	4.3
Wind direction window for ARCON96	90 degrees
Control Room air intake location employed in analysis	Intake closest to stack.
Control Room air intake elevation	32.1 meters (Mid-point of intake)
Control Room air intake horizontal distance to stack base	69.0 meters (scaled)
Control Room air intake horizontal distance to Main Steam Relief Train, via Silencer (referred to as the Silencer release point in the present application): SG-4 Silencer to MCR Div. 3 Air Intake (AI) SG-3 Silencer to MCR Div. 3 AI SG-1 Silencer to MCR Div. 3 AI SG-2 Silencer to MCR Div. 3 AI	53.0 meters 46.0 meters 78.0 meters 71.0 meters
Control Room air intake horizontal distances to Canopy exhausts (referred to as the Canopy release point in the present application) 1) Near depressurization shaft (Safeguard Building Div. 4) 2) Southeast side of SAB Div. 4	30.1 meters (scaled) 65.3 meters (scaled)
Control Room air intake horizontal distance to Material Lock (for the Equipment Hatch release)	97.5 meters (scaled)
Control Room air intake horizontal distance to the depressurization shaft of Safeguard Building Div. 4 (referred to as the depressurization shaft release point in the present application)	31.4 meters (scaled)

Table 2.3-141— {AEOLUS3 and ARCON96 Input }

(Page 2 of 2)

Parameter	Value(s)
Release heights used in ARCON96	Silencer - 33.9 meters Stack - 32.1 meters (note a) Canopy Pt. 1 - 15.5 meters Canopy Pt. 2 - 11.5 meters elevation Material Lock (for Equipment Hatch release) - 23.2 meters (release height employed in analysis = 32.1 meters, conservative) Depressurization Shaft - 7 meters

Notes:

a. Stack release height assumed to be same as the mid-point of the control room air intake.

Table 2.3-142— {EAB/LPZ Accident χ/Q Values for Ground Level Release Using SSES 2001-2007 Meteorological Data}

Distance Downwind (miles)	0-2 hour (χ/Q (sec/m^3)	2-8 hour (χ/Q (sec/m^3)	8-24 hour (χ/Q (sec/m^3)	1-4 days (χ/Q (sec/m^3)	4-30 days (χ/Q (sec/m^3)
0.25	2.169E-03	1.477E-03	1.047E-03	6.184E-04	2.903E-04
Analytical Distances for Sector-Dependent EAB	1.495E-03	1.014E-03	7.163E-04	4.206E-04	1.959E-04
0.5	6.817E-04	4.593E-04	3.228E-04	1.880E-04	8.648E-05
0.75	4.568E-04	2.950E-04	1.996E-04	1.097E-04	4.641E-05
1.0	3.672E-04	2.291E-04	1.504E-04	7.884E-05	3.120E-05
1.5 (LPZ)	2.766E-04	1.648E-04	1.038E-04	5.106E-05	1.845E-05
2.0	2.052E-04	1.201E-04	7.449E-05	3.579E-05	1.250E-05
2.5	1.682E-04	9.689E-05	5.919E-05	2.781E-05	9.398E-06
3.0	1.462E-04	8.288E-05	4.993E-05	2.295E-05	7.520E-06
4.0	1.206E-04	6.647E-05	3.907E-05	1.729E-05	5.367E-06
5.0	1.014E-04	5.494E-05	3.178E-05	1.373E-05	4.117E-06

Note that the 0-2 hour value for the EAB is bounded by the value presented in Table 2.1-1 in U.S. EPR FSAR. The 1-4 days and 4-30 days values for the LPZ are bounded by the values presented in Table 2.1-1 of the U.S. EPR FSAR; however, the 0-2 hour, 2-8 hour, and 8-24 hour values are not bounded.

Table 2.3-143— {Control Room/TSC χ/Q Values for Stack Release Using SSES 2001–2007 Meteorological Data}

(No credit taken for stack release height)

Stack Release	**Wind Direction = 0 (N)**	**Wind Direction = 23 (NNE)**	**Wind Direction = 45 (NE)**	**Wind Direction = 68 (ENE)**	**Wind Direction = 90 (E)**	**Wind Direction = 113 (ESE)**	**Wind Direction = 135 (SE)**	**Wind Direction = 158 (SSE)**
Time Period	χ/Q (sec/m^3)	χ/Q (sec/m^3)	χ/Q (sec/m^3)	χ/Q (sec/m^3)	χ/Q (sec/m^3)	χ/Q (sec/m^3)	χ/Q (sec/m^3)	χ/Q (sec/m^3)
0 to 2 hours	1.39E-03	**1.41E-03**	1.40E-03	1.36E-03	1.30E-03	1.19E-03	1.13E-03	1.25E-03
2 to 8 hours	1.14E-03	**1.16E-03**	1.20E-03	1.12E-03	1.00E-03	6.68E-04	5.88E-04	7.66E-04
8 to 24 hours	4.24E-04	**4.83E-04**	4.64E-04	3.82E-04	3.12E-04	2.62E-04	2.49E-04	3.08E-04
1 to 4 days	2.92E-04	**3.66E-04**	3.82E-04	3.46E-04	3.00E-04	2.17E-04	1.79E-04	2.06E-04
4 to 30 days	2.27E-04	**2.86E-04**	3.14E-04	2.81E-04	2.45E-04	1.87E-04	1.38E-04	1.62E-04
Stack Release	Wind Direction = 180 (S)	Wind Direction = 203 (SSW)	Wind Direction = 225 (SW)	Wind Direction = 248 (WSW)	Wind Direction = 270 (W)	Wind Direction = 293 (WNW)	Wind Direction = 315 (NW)	Wind Direction = 338 (NNW)
Time Period	χ/Q (sec/m^3)	χ/Q (sec/m^3)	χ/Q (sec/m^3)	χ/Q (sec/m^3)	χ/Q (sec/m^3)	χ/Q (sec/m^3)	χ/Q (sec/m^3)	χ/Q (sec/m^3)
0 to 2 hours	1.34E-03	1.39E-03	1.40E-03	1.38E-03	1.36E-03	1.34E-03	1.36E-03	1.38E-03
2 to 8 hours	9.47E-04	1.10E-03	1.13E-03	1.06E-03	1.01E-03	9.11E-04	1.04E-03	1.10E-03
8 to 24 hours	3.43E-04	4.16E-04	4.31E-04	3.87E-04	3.61E-04	3.34E-04	3.36E-04	3.53E-04
1 to 4 days	2.59E-04	3.15E-04	3.16E-04	2.89E-04	2.65E-04	2.15E-04	2.21E-04	2.43E-04
4 to 30 days	2.04E-04	2.54E-04	2.61E-04	2.31E-04	2.07E-04	1.77E-04	1.79E-04	2.00E-04

Bold entries identify maximum values in this table. NNE is the critical downwind sector.
Note that all values in this table are bounded by the values presented in Table 2.1-1 in U.S. EPR Final Safety Analysis Report.

Table 2.3-144— {Control Room/TSC χ/Q Values for Silencer Release Using SSES 2001–2007 Meteorological Data}

Silencer Release	SG-4 to Div. 3 Air Intake Wind Direction = 23 (NNE)	SG-1 to Div. 3 Air Intake Wind Direction = 23 (NNE)	SG-3 to Div. 3 Air Intake Wind Direction = 23 (NNE)	SG-2 to Div. 3 Air Intake Wind Direction = 23 (NNE)
Time Period	χ/Q (sec/m^3)	χ/Q (sec/m^3)	χ/Q (sec/m^3)	χ/Q (sec/m^3)
0 to 2 hours	2.28E-03	1.09E-03	2.99E-03	1.31E-03
2 to 8 hours	1.94E-03	9.42E-04	2.53E-03	1.12E-03
8 to 24 hours	7.90E-04	3.84E-04	1.03E-03	4.56E-04
1 to 4 days	6.07E-04	2.94E-04	7.93E-04	3.51E-04
4 to 30 days	4.78E-04	2.30E-04	6.26E-04	2.75E-04
The critical wind direction sector was based on the stack releases in Table 2.3-143. Note that all values in this table are bounded by the values presented in Table 2.1-1 in U.S. EPR Final Safety Analysis Report.				

Table 2.3-145— {Control Room/TSC χ/Q Values for Canopy Release Using SSES 2001–2007 Meteorological Data}

Canopy Release	Pt. 1 Wind Direction = 23 (NNE)	Pt. 2 Wind Direction = 23 (NNE)
Time Period	χ/Q (sec/m^3)	χ/Q (sec/m^3)
0 to 2 hours	4.86E-03	1.28E-03
2 to 8 hours	3.88E-03	1.01E-03
8 to 24 hours	1.64E-03	4.35E-04
1 to 4 days	1.20E-03	3.12E-04
4 to 30 days	9.23E-04	2.45E-04
The critical wind direction sector was based on the stack releases in Table 2.3-143. Note that all values in this table are bounded by the values presented in Table 2.1-1 in U.S. EPR Final Safety Analysis Report.		

Table 2.3-146— {Control Room/TSC χ/Q Values for Equipment Hatch Release Using SSES 2001–2007 Meteorological Data}

Equip. Hatch Release	Wind Direction = 23 (NNE)
Time Period	χ/Q (sec/m^3)
0 to 2 hours	7.36E-04
2 to 8 hours	6.06E-04
8 to 24 hours	2.55E-04
1 to 4 days	1.92E-04
4 to 30 days	1.52E-04
The critical wind direction sector was based on the stack releases in Table 2.3-143. Note that all values in this table are bounded by the values presented in Table 2.1-1 in U.S. EPR Final Safety Analysis Report.	

Table 2.3-147— {Control Room/TSC χ/Q Values for Depressurization Shaft Release Using SSES 2001–2007 Meteorological Data}

Shaft Release	Wind Direction = 23 (NNE)
Time Period	χ/Q (sec/m^3)
0 to 2 hours	3.46E-03
2 to 8 hours	2.72E-03
8 to 24 hours	1.15E-03
1 to 4 days	8.27E-04
4 to 30 days	6.37E-04
The critical wind direction sector was based on the stack releases in Table 2.3-143. Note that all values in this table are bounded by the values presented in Table 2.1-1 in U.S. EPR Final Safety Analysis Report.	

Table 2.3-148— {AEOLUS3 Input}
(Page 1 of 8)

Parameter	Value(s)			
Wind speed group upper limits for AEOLUS3	0.224, 0.5, 1.0, 1.5, 2.0,3.0, 4.0, 5.0, 6.0, 8.0, 10.0, 50.0 meters/second			
AEOLUS3 wind speed assigned to calms	0.25 miles per hour			
Anemometer starting speed	0.5 miles per hour			
The annual average mixing layer height at SSES	900 meters (Conservative, low value)			
Temperature sensor separation for SSES	60m - 10m or 50 meters			
Wind instrument heights for SSES	10m, 60m			
SSES meteorological channel units of measure	Wind speed miles per hour Wind direction degrees from True North Delta-Temperature degrees Fahrenheit per sensor separation in feet			
Order of data channels in met data	Wind speed (10m, 60m), wind direction (10m, 60m), temperature, dew point temperature, delta temperature(60m-10m), precipitation			
Finished floor grade	720 feet			
Site boundary distances, terrain heights, and recirculation correction factors (RCF's)(in meters, meters above finished floor grade, and dimensionless, respectively)	sector	distance	height	RCF's
	N	418.4	73.2	1.05
	NNE	425.5	73.2	1.37
	NE	506.8	42.7	1.44
	ENE	518.8	12.2	1.47
	E	478.1	0.0	1.55
	ESE	322.7	0.0	1.43
	SE	270.1	0.0	1.09
	SSE	263.0	0.0	1.32
	S	263.0	0.0	1.00
	SSW	267.7	0.0	1.33
	SW	267.7	0.0	1.00
	WSW	251.0	18.3	1.00
	W	239.1	36.6	1.01
	WNW	239.1	36.6	1.19
	NW	243.8	61.0	1.00
	NNW	358.6	73.2	1.00
Stack flow rate for normal operations	242,458 cfm This is a conservative value; the actual flow rate for normal operations will be higher. Flow rates from the references are for the two largest contributors to the flow and total more than242,458 cfm.			
Stack inner diameter	3.8 meters Note that this is listed as the outside diameter of the stack and so the inner diameter should be somewhat smaller; a test run was made in another calculation using an inner diameter of 3.7 meters and was found to produce lower χ/Q's. Thus, using 3.8 meters as the stack inner diameter produces conservative χ/Q's.			
Stack height	62 meters (2 meters above assumed Reactor Building)			

Table 2.3-148— {AEOLUS3 Input}
(Page 2 of 8)

Parameter	Value(s)
Reactor Building height and cross sectional area	60 meters (used for cross sectional area for building wake - smaller height gives a lower credit for building wake; actual = 62.3 meter) 2940m2 (60m X 49m)
Maximum Terrain Heights and Recirculation Correction Factors (RCF's) 0.5miles	Values in meters above finished floor grade and dimensionless, respectively. Sector Height RCF's N 73.2 1.05 NNE 73.2 1.37 NE 42.7 1.44 ENE 12.2 1.47 E 0.0 1.55 ESE 0.0 1.43 SE 0.0 1.09 SSE 0.0 1.32 S 0.0 1 SSW 0.0 1.33 SW 0.0 1 WSW 18.3 1 W 36.6 1.01 WNW 36.6 1.19 NW 61.0 1 NNW 73.2 1
1.0 mile	Values in meters above finished floor grade and dimensionless, respectively. Sector Height RCF's N 109.7 1.12 NNE 109.7 1.32 NE 103.6 1.31 ENE 54.9 1.07 E 0.0 1.21 ESE 0.0 1.37 SE 0.0 1 SSE 0.0 1.32 S 18.3 1 SSW 18.3 1.21 SW 18.3 1 WSW 36.6 1 W 115.8 1.07 WNW 115.8 1.24 NW 85.3 1 NNW 103.6 1

Table 2.3-148— {AEOLUS3 Input}
(Page 3 of 8)

Parameter	Value(s)
2.0 miles	Values in meters above finished floor grade and dimensionless, respectively. Sector Height RCF's N 121.9 1.32 NNE 109.7 1.21 NE 103.6 1.17 ENE 54.9 1.06 E 0.0 1.08 ESE 30.5 1.17 SE 36.6 1 SSE 36.6 1.12 S 18.3 1 SSW 30.5 1.12 SW 18.3 1 WSW 79.2 1 W 121.9 1 WNW 134.1 1 NW 134.1 1 NNW 121.9 1
3.0 miles	Values in meters above finished floor grade and dimensionless, respectively. Sector Height RCF's N 225.6 1.2 NNE 225.6 1.27 NE 103.6 1.06 ENE 103.6 1.03 E 152.4 1.05 ESE 152.4 1.11 SE 109.7 1 SSE 85.3 1.19 S 85.3 1 SSW 73.2 1.09 SW 42.7 1 WSW 158.5 1 W 158.5 1 WNW 134.1 1 NW 237.7 1.01 NNW 237.7 1

Table 2.3-148— {AEOLUS3 Input}
(Page 4 of 8)

Parameter	Value(s)
4.0 miles	Values in meters above finished floor grade and dimensionless, respectively. Sector Height RCF's N 225.6 1.08 NNE 225.6 1.18 NE 195.1 1.13 ENE 152.4 1.05 E 170.7 1.11 ESE 170.7 1.33 SE 109.7 1 SSE 97.5 1.02 S 91.4 1 SSW 79.2 1.1 SW 73.2 1 WSW 158.5 1 W 158.5 1 WNW 249.9 1 NW 249.9 1 NNW 237.7 1
5.0 miles	Values in meters above finished floor grade and dimensionless, respectively. Sector Height RCF's N 243.8 1 NNE 225.6 1.08 NE 207.3 1 ENE 170.7 1 E 170.7 1.01 ESE 213.4 1.18 SE 317.0 1 SSE 317.0 1.06 S 292.6 1 SSW 207.3 1 SW 73.2 1 WSW 158.5 1 W 256.0 1 WNW 280.4 1 NW 280.4 1 NNW 280.4 1

Table 2.3-148— {AEOLUS3 Input}
(Page 5 of 8)

Parameter	Value(s)		
10 miles	Values in meters above finished floor grade and dimensionless, respectively.		
	Sector	Height	RCF's
	N	243.8	1
	NNE	225.6	1
	NE	231.6	1
	ENE	220.5	1
	E	300.5	1
	ESE	335.3	1.02
	SE	335.3	1
	SSE	360.5	1
	S	360.5	1
	SSW	360.5	1
	SW	360.5	1
	WSW	240.5	1
	W	300.5	1
	WNW	300.5	1
	NW	280.4	1
	NNW	280.4	1
20 miles	Values in meters above finished floor grade and dimensionless, respectively.		
	Sector	Height	RCF's
	N	520.5	1
	NNE	460.5	1
	NE	440.5	1
	ENE	400.5	1
	E	400.5	1
	ESE	358.5	1
	SE	335.3	1
	SSE	380.5	1
	S	380.5	1
	SSW	360.5	1
	SW	360.5	1
	WSW	260.5	1
	W	300.5	1
	WNW	300.5	1
	NW	480.5	1
	NNW	520.5	1

Table 2.3-148— {AEOLUS3 Input}
(Page 6 of 8)

Parameter	Value(s)
30 miles	Values in meters above finished floor grade and dimensionless, respectively. Sector Height RCF's N 520.5 1 NNE 507.5 1 NE 440.5 1 ENE 440.5 1 E 400.5 1 ESE 380.5 1 SE 335.3 1 SSE 380.5 1 S 380.5 1 SSW 360.5 1 SW 360.5 1 WSW 260.5 1 W 300.5 1 WNW 360.5 1 NW 539.5 1 NNW 520.5 1
40 miles	Values in meters above finished floor grade and dimensionless, respectively. Sector Height RCF's N 520.5 1 NNE 507.5 1 NE 440.5 1 ENE 440.5 1 E 402.5 1 ESE 400.5 1 SE 335.3 1 SSE 380.5 1 S 380.5 1 SSW 360.5 1 SW 360.5 1 WSW 260.5 1 W 340.5 1 WNW 360.5 1 NW 539.5 1 NNW 520.5 1

Table 2.3-148— {AEOLUS3 Input}
(Page 7 of 8)

Parameter	Value(s)			
50 miles	Values in meters above finished floor grade and dimensionless, respectively.			
	Sector	Height	RCF's	
	N	520.5	1	
	NNE	507.5	1	
	NE	460.5	1	
	ENE	460.5	1	
	E	420.5	1	
	ESE	420.5	1	
	SE	335.3	1	
	SSE	380.5	1	
	S	380.5	1	
	SSW	360.5	1	
	SW	360.5	1	
	WSW	340.5	1	
	W	380.5	1	
	WNW	500.5	1	
	NW	539.5	1	
	NNW	520.5	1	
Nearest Resident locations distance, terrain heights, and recirculation correction factors(RCF's) (in meters, meters above finished floor grade, and dimensionless, respectively).	Sector	Distance	Height	RCF's
	NNE	1443	109.7	1.32
	NE	1642	103.6	1.31
	ENE	2854	54.9	1.06
	E	2381	0.0	1.21
	ESE	2259	30.5	1.37
	SE	2167	36.6	1.00
	SSW	645.0	0.0	1.33
	NW	494.0	61.0	1.00
	NE	1922	103.6	1.31
	ENE	4979	152.4	1.03
	E	3884	152.4	1.08
	ESE	2362	30.5	1.37
	SE	1343	0.0	1.00
	SSW	583.0	0.0	1.33
	NE	3021	103.6	1.17
	NE	3139	103.6	1.17

Table 2.3-148— {AEOLUS3 Input}
(Page 8 of 8)

Parameter	Value(s)			
Nearest Garden locations distance, terrain heights, and recirculation correction factors(RCF's) (in meters, meters above finished floor grade, and dimensionless, respectively).	Sector	Distance	Height	RCF's
	N	2557	121.9	1.32
	NNE	5948	225.6	1.18
	NE	4979	195.1	1.06
	ENE	5497	152.4	1.03
	E	3884	152.4	1.08
	ESE	5573	170.7	1.11
	SE	2116	36.6	1.00
	SSE	1683	36.6	1.32
	SSW	1959	30.5	1.21
	NW	494.0	61.0	1.00
	N	6692	243.8	1.08
	NE	5593	195.1	1.06
	E	2247	0.0	1.21
	SE	4941	109.7	1.00
	SSW	583.0	0.0	1.33
	N	1400	109.7	1.12
Nearest Milk Animal locations distance, terrain heights, and recirculation correction factors (RCF's)(in meters, meters above finished floor grade, and dimensionless, respectively).	Sector	Distance	Height	RCF's
	E	8789	300.5	1.01
	ESE	7818	213.4	1.18
	S	4359	85.3	1.00
	SSW	19826	360.5	1.00
	W	6433	158.5	1.00
	WNW	6602	280.4	1.00
	S	4888	91.4	1.00
Nearest Meat Animal locations distance, terrain heights, and recirculation correction factors (RCF's)(in meters, meters above finished floor grade, and dimensionless, respectively).	Sector	Distance	Height	RCF's
	NE	4979	195.1	1.06
	ENE	5497	152.4	1.03
	S	4888	91.4	1.00
	SSW	1225	18.3	1.21

Table 2.3-149— {Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values for Mixed Mode Release Using 242,458 cfm Flow Rate for Grid Receptors}

SECTOR	χ/Q (sec/m³) 0.5 mi	χ/Q (sec/m³) 0.75 mi	χ/Q (sec/m³) 1 mi	χ/Q (sec/m³) 1.5 mi	χ/Q (sec/m³) 2 mi	χ/Q (sec/m³) 2.5 mi	χ/Q (sec/m³) 3 mi	χ/Q (sec/m³) 3.5 mi	χ/Q (sec/m³) 4 mi	χ/Q (sec/m³) 4.5 mi	χ/Q (sec/m³) 5 mi
N	1.757E-06	1.339E-06	8.982E-07	4.803E-07	3.641E-07	2.616E-07	1.809E-07	1.438E-07	1.062E-07	8.936E-08	7.095E-08
NNE	2.277E-06	1.625E-06	9.828E-07	5.188E-07	3.055E-07	2.195E-07	1.749E-07	1.388E-07	1.057E-07	8.878E-08	6.958E-08
NE	1.120E-06	1.530E-06	8.746E-07	4.596E-07	2.621E-07	1.858E-07	1.274E-07	1.013E-07	8.826E-08	7.393E-08	5.588E-08
ENE	4.780E-07	5.145E-07	2.598E-07	1.496E-07	9.861E-08	7.909E-08	5.799E-08	4.596E-08	3.819E-08	3.191E-08	2.590E-08
E	2.480E-07	1.486E-07	8.417E-08	5.514E-08	3.628E-08	4.694E-08	3.437E-08	2.708E-08	2.331E-08	1.946E-08	1.508E-08
ESE	1.769E-07	1.069E-07	7.518E-08	6.885E-08	4.130E-08	3.946E-08	2.818E-08	2.219E-08	2.164E-08	1.805E-08	1.362E-08
SE	2.317E-07	1.395E-07	9.295E-08	8.608E-08	5.914E-08	5.328E-08	4.016E-08	3.164E-08	2.577E-08	2.157E-08	1.836E-08
SSE	3.050E-07	1.842E-07	1.342E-07	1.270E-07	7.427E-08	6.693E-08	5.373E-08	4.258E-08	2.977E-08	2.496E-08	2.210E-08
S	2.607E-07	1.894E-07	1.493E-07	1.050E-07	7.903E-08	1.011E-07	7.670E-08	6.100E-08	4.992E-08	4.212E-08	3.597E-08
SSW	5.075E-07	3.521E-07	2.590E-07	2.430E-07	1.721E-07	2.173E-07	1.625E-07	1.328E-07	1.103E-07	9.500E-08	7.398E-08
SW	4.838E-07	3.002E-07	2.389E-07	1.859E-07	1.542E-07	2.169E-07	1.807E-07	2.575E-07	2.146E-07	1.828E-07	1.584E-07
WSW	8.746E-07	5.828E-07	5.006E-07	2.103E-06	1.391E-06	1.054E-06	8.140E-07	6.558E-07	5.450E-07	4.634E-07	4.014E-07
W	2.179E-07	2.916E-06	1.930E-06	1.030E-06	6.247E-07	4.534E-07	3.477E-07	2.785E-07	2.302E-07	1.950E-07	1.681E-07
WNW	1.765E-07	1.789E-06	1.170E-06	6.329E-07	3.292E-07	2.358E-07	1.802E-07	1.446E-07	1.191E-07	1.004E-07	8.635E-08
NW	6.578E-07	1.175E-06	7.514E-07	4.378E-07	2.815E-07	2.024E-07	1.555E-07	1.237E-07	1.006E-07	8.467E-08	7.264E-08
NNW	1.240E-06	1.020E-06	6.440E-07	3.503E-07	2.258E-07	1.631E-07	1.241E-07	9.873E-08	8.111E-08	6.826E-08	5.856E-08

Table 2.3-150— {Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values for Mixed Mode Release Using 242,458 cfm Flow Rate for Grid Receptors}

SECTOR	χ/Q (sec/m³) 7.5 mi	χ/Q (sec/m³) 10 mi	χ/Q (sec/m³) 15 mi	χ/Q (sec/m³) 20 mi	χ/Q (sec/m³) 25 mi	χ/Q (sec/m³) 30 mi	χ/Q (sec/m³) 35 mi	χ/Q (sec/m³) 40 mi	χ/Q (sec/m³) 45 mi	χ/Q (sec/m³) 50 mi
N	3.949E-08	2.621E-08	1.483E-08	9.943E-09	7.308E-09	5.690E-09	4.609E-09	3.843E-09	3.275E-09	2.840E-09
NNE	3.852E-08	2.358E-08	1.327E-08	8.861E-09	6.493E-09	5.043E-09	4.076E-09	3.392E-09	2.886E-09	2.499E-09
NE	3.065E-08	2.015E-08	1.128E-08	7.512E-09	5.494E-09	4.262E-09	3.442E-09	2.863E-09	2.435E-09	2.108E-09
ENE	1.406E-08	9.167E-09	5.065E-09	3.340E-09	2.424E-09	1.868E-09	1.500E-09	1.242E-09	1.051E-09	9.065E-10
E	8.150E-09	5.242E-09	2.874E-09	1.883E-09	1.359E-09	1.043E-09	8.338E-10	6.875E-10	5.802E-10	4.987E-10
ESE	7.342E-09	4.110E-09	2.241E-09	1.434E-09	1.031E-09	7.886E-10	6.290E-10	5.174E-10	4.357E-10	3.738E-10
SE	9.898E-09	6.413E-09	3.499E-09	2.284E-09	1.643E-09	1.257E-09	1.003E-09	8.253E-10	6.952E-10	5.965E-10
SSE	1.197E-08	7.348E-09	4.034E-09	2.647E-09	1.912E-09	1.468E-09	1.174E-09	9.688E-10	8.180E-10	7.034E-10
S	1.970E-08	1.292E-08	7.189E-09	4.762E-09	3.467E-09	2.679E-09	2.156E-09	1.787E-09	1.515E-09	1.308E-09
SSW	4.099E-08	2.712E-08	1.527E-08	1.020E-08	7.478E-09	5.810E-09	4.698E-09	3.911E-09	3.329E-09	2.883E-09
SW	9.552E-08	6.454E-08	3.745E-08	2.558E-08	1.908E-08	1.504E-08	1.232E-08	1.036E-08	8.907E-09	7.781E-09
WSW	2.326E-07	1.590E-07	9.377E-08	6.480E-08	4.878E-08	3.873E-08	3.191E-08	2.699E-08	2.330E-08	2.044E-08
W	9.585E-08	6.477E-08	3.759E-08	2.568E-08	1.916E-08	1.511E-08	1.237E-08	1.041E-08	8.946E-09	7.815E-09
WNW	4.860E-08	3.255E-08	1.865E-08	1.262E-08	9.354E-09	7.332E-09	5.973E-09	5.005E-09	4.286E-09	3.731E-09
NW	4.055E-08	2.698E-08	1.533E-08	1.031E-08	7.595E-09	5.925E-09	4.809E-09	4.016E-09	3.428E-09	2.976E-09
NNW	3.267E-08	2.173E-08	1.233E-08	8.281E-09	6.096E-09	4.753E-09	3.855E-09	3.217E-09	2.745E-09	2.382E-09

Table 2.3-151— {Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values for Mixed Mode Release Using 242,458 cfm Flow Rate for Site Boundary Receptors}

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m^3) Site Boundary
N	418.4	3.495E-06
NNE	425.5	4.875E-06
NE	506.8	1.835E-06
ENE	518.8	8.727E-07
E	478.1	5.118E-07
ESE	322.7	7.094E-07
SE	270.1	1.283E-06
SSE	263.0	1.785E-06
S	263.0	1.557E-06
SSW	267.7	3.072E-06
SW	267.7	3.133E-06
WSW	251.0	6.781E-06
W	239.1	1.368E-06
WNW	239.1	9.671E-07
NW	243.8	1.229E-06
NNW	358.6	2.456E-06

Table 2.3-152— {Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values (sec⁄m^3) for Mixed Mode Release With Building Wake for Nearest Residents}

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m^3) Nearest Residents
NNE	1443	1.171E-06
NE	1642	8.466E-07
NE	1922	6.587E-07
NE	3021	2.892E-07
NE	3139	2.725E-07
ENE	2854	1.170E-07
ENE	4979	5.557E-08
E	2381	5.594E-08
E	3884	4.959E-08
ESE	2259	7.442E-08
ESE	2362	7.064E-08
SE	1343	1.134E-07
SE	2167	9.858E-08
SSW	583	8.217E-07
SSW	645	6.996E-07
NW	494	7.137E-07

Table 2.3-153— {Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values (sec⁄m^3) for Mixed Mode Release With Building Wake for Nearest Gardens}

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m^3) Nearest Gardens
N	1400	1.123E-06
N	2557	5.178E-07
N	6692	1.003E-07
NNE	5948	1.188E-07
NE	4979	1.222E-07
NE	5593	1.024E-07
ENE	5497	4.771E-08
E	2247	5.940E-08
E	3884	4.959E-08
ESE	5573	2.256E-08
SE	2116	1.015E-07
SE	4941	3.873E-08
SSE	1683	1.960E-07
SSW	583	8.217E-07
SSW	1959	2.877E-07
NW	494	7.137E-07

Table 2.3-154— {Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values (sec/m³) for Mixed Mode Release With Building Wake for Nearest Milk Animals}

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m³) Nearest Milk Animals
E	8789	1.318E-08
ESE	7818	1.423E-08
S	4359	8.950E-08
S	4888	7.556E-08
SSW	19826	2.016E-08
W	6433	2.304E-07
WNW	6602	1.148E-07

Table 2.3-155— {Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values (sec/m³) for Mixed Mode Release With Building Wake for Nearest Meat Animals}

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m³) Nearest Meat Animals
NE	4979	1.222E-07
ENE	5497	4.771E-08
S	4888	7.556E-08
SSW	1225	3.166E-07

Table 2.3-156— {Normal Effluent Annual Average, Decayed, Depleted χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Grid Receptors}
(Page 1 of 2)

DOWNWIND SECTOR	χ/Q (sec/m^3) 0.5 mi	χ/Q (sec/m^3) 0.75 mi	χ/Q (sec/m^3) 1 mi	χ/Q (sec/m^3) 1.5 mi	χ/Q (sec/m^3) 2 mi	χ/Q (sec/m^3) 2.5 mi	χ/Q (sec/m^3) 3 mi	χ/Q (sec/m^3) 3.5 mi	χ/Q (sec/m^3) 4 mi	χ/Q (sec/m^3) 4.5 mi	χ/Q (sec/m^3) 5 mi
N	1.729E-06	1.314E-06	8.760E-07	4.592E-07	3.448E-07	2.140E-07	1.451E-07	1.134E-07	8.245E-08	6.806E-08	5.328E-08
NNE	2.233E-06	1.583E-06	9.504E-07	4.955E-07	2.888E-07	1.791E-07	1.400E-07	1.092E-07	8.182E-08	6.770E-08	5.233E-08
NE	1.058E-06	1.467E-06	8.296E-07	4.282E-07	2.407E-07	1.685E-07	1.143E-07	8.004E-08	6.864E-08	5.644E-08	4.207E-08
ENE	4.402E-07	4.860E-07	2.435E-07	1.381E-07	8.983E-08	7.039E-08	5.097E-08	3.760E-08	3.081E-08	2.469E-08	1.977E-08
E	2.274E-07	1.342E-07	7.569E-08	4.938E-08	3.232E-08	3.970E-08	2.860E-08	2.158E-08	1.830E-08	1.505E-08	1.151E-08
ESE	1.621E-07	9.661E-08	6.773E-08	6.328E-08	3.754E-08	3.326E-08	2.335E-08	1.767E-08	1.697E-08	1.373E-08	1.022E-08
SE	2.122E-07	1.259E-07	8.357E-08	7.893E-08	5.355E-08	4.686E-08	3.485E-08	2.713E-08	2.184E-08	1.632E-08	1.369E-08
SSE	2.795E-07	1.663E-07	1.208E-07	1.167E-07	6.744E-08	5.992E-08	4.752E-08	3.702E-08	2.560E-08	1.889E-08	1.648E-08

Table 2.3-156— {Normal Effluent Annual Average, Decayed, Depleted χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Grid Receptors}
(Page 2 of 2)

DOWNWIND SECTOR	χ/Q (sec/m^3) 0.5 mi	χ/Q (sec/m^3) 0.75 mi	χ/Q (sec/m^3) 1 mi	χ/Q (sec/m^3) 1.5 mi	χ/Q (sec/m^3) 2 mi	χ/Q (sec/m^3) 2.5 mi	χ/Q (sec/m^3) 3 mi	χ/Q (sec/m^3) 3.5 mi	χ/Q (sec/m^3) 4 mi	χ/Q (sec/m^3) 4.5 mi	χ/Q (sec/m^3) 5 mi
S	2.392E-07	1.741E-07	1.376E-07	9.667E-08	7.244E-08	9.351E-08	7.031E-08	5.535E-08	4.493E-08	3.188E-08	2.684E-08
SSW	4.654E-07	3.221E-07	2.381E-07	2.278E-07	1.608E-07	2.059E-07	1.530E-07	1.243E-07	1.027E-07	7.272E-08	5.584E-08
SW	4.430E-07	2.728E-07	2.181E-07	1.713E-07	1.426E-07	2.066E-07	1.717E-07	2.488E-07	2.067E-07	1.755E-07	1.516E-07
WSW	8.000E-07	5.362E-07	4.659E-07	2.078E-06	1.371E-06	9.069E-07	6.901E-07	5.487E-07	4.501E-07	3.780E-07	3.235E-07
W	2.035E-07	2.897E-06	1.915E-06	1.012E-06	6.115E-07	3.997E-07	3.027E-07	2.396E-07	1.959E-07	1.484E-07	1.262E-07
WNW	1.659E-07	1.775E-06	1.158E-06	6.094E-07	3.146E-07	2.238E-07	1.700E-07	1.141E-07	9.251E-08	7.648E-08	6.484E-08
NW	6.450E-07	1.164E-06	7.425E-07	4.187E-07	2.667E-07	1.659E-07	1.251E-07	9.755E-08	7.809E-08	6.444E-08	5.452E-08
NNW	1.225E-06	1.007E-06	6.328E-07	3.382E-07	2.162E-07	1.335E-07	9.967E-08	7.790E-08	6.298E-08	5.190E-08	4.390E-08

Table 2.3-156— {Normal Effluent Annual Average, Decayed, Depleted χ/Q Values for Mixed Mode Release Using 242,458 cfm Flow Rate for Grid Receptors}

DOWNWIND SECTOR	χ/Q (sec/m^3) 7.5 mi	χ/Q (sec/m^3) 10 mi	χ/Q (sec/m^3) 15 mi	χ/Q (sec/m^3) 20 mi	χ/Q (sec/m^3) 25 mi	χ/Q (sec/m^3) 30 mi	χ/Q (sec/m^3) 35 mi	χ/Q (sec/m^3) 40 mi	χ/Q (sec/m^3) 45 mi	χ/Q (sec/m^3) 50 mi
N	2.809E-08	1.778E-08	9.226E-09	5.809E-09	4.045E-09	3.002E-09	2.328E-09	1.865E-09	1.530E-09	1.281E-09
NNE	2.746E-08	1.604E-08	8.253E-09	5.176E-09	3.594E-09	2.660E-09	2.059E-09	1.646E-09	1.348E-09	1.127E-09
NE	2.176E-08	1.364E-08	7.015E-09	4.388E-09	3.041E-09	2.248E-09	1.738E-09	1.389E-09	1.138E-09	9.503E-10
ENE	9.990E-09	6.214E-09	3.150E-09	1.951E-09	1.342E-09	9.855E-10	7.576E-10	6.022E-10	4.911E-10	4.086E-10
E	5.748E-09	3.523E-09	1.787E-09	1.100E-09	7.521E-10	5.499E-10	4.210E-10	3.334E-10	2.710E-10	2.248E-10
ESE	5.179E-09	2.763E-09	1.394E-09	8.376E-10	5.707E-10	4.160E-10	3.177E-10	2.510E-10	2.035E-10	1.685E-10
SE	6.983E-09	4.312E-09	2.178E-09	1.335E-09	9.105E-10	6.639E-10	5.072E-10	4.009E-10	3.252E-10	2.693E-10
SSE	8.442E-09	4.937E-09	2.509E-09	1.546E-09	1.058E-09	7.741E-10	5.931E-10	4.699E-10	3.821E-10	3.170E-10
S	1.389E-08	8.685E-09	4.471E-09	2.782E-09	1.919E-09	1.413E-09	1.089E-09	8.668E-10	7.079E-10	5.897E-10
SSW	2.890E-08	1.823E-08	9.497E-09	5.960E-09	4.139E-09	3.066E-09	2.373E-09	1.898E-09	1.555E-09	1.300E-09
SW	6.735E-08	4.337E-08	2.329E-08	1.494E-08	1.056E-08	7.936E-09	6.220E-09	5.028E-09	4.161E-09	3.508E-09
WSW	1.644E-07	1.071E-07	5.845E-08	3.794E-08	2.706E-08	2.049E-08	1.616E-08	1.313E-08	1.089E-08	9.218E-09
W	6.781E-08	4.368E-08	2.347E-08	1.507E-08	1.065E-08	8.008E-09	6.261E-09	5.062E-09	4.180E-09	3.523E-09
WNW	3.446E-08	2.200E-08	1.167E-08	7.427E-09	5.182E-09	3.871E-09	3.020E-09	2.430E-09	2.003E-09	1.683E-09
NW	2.882E-08	1.829E-08	9.536E-09	6.022E-09	4.205E-09	3.128E-09	2.430E-09	1.949E-09	1.602E-09	1.342E-09
NNW	2.319E-08	1.471E-08	7.670E-09	4.839E-09	3.375E-09	2.508E-09	1.948E-09	1.561E-09	1.283E-09	1.074E-09

Table 2.3-157— {Normal Effluent Annual Average, Decayed, Depleted χ/Q Values for Mixed Mode Release Using 242,458 cfm Flow Rate for Site Boundary Receptors}

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m^3) Site Boundary
N	418.4	3.445E-06
NNE	425.5	4.799E-06
NE	506.8	1.744E-06
ENE	518.8	8.194E-07
E	478.1	4.813E-07
ESE	322.7	6.774E-07
SE	270.1	1.232E-06
SSE	263.0	1.716E-06
S	263.0	1.497E-06
SSW	267.7	2.953E-06
SW	267.7	3.010E-06
WSW	251.0	6.529E-06
W	239.1	1.320E-06
WNW	239.1	9.330E-07
NW	243.8	1.191E-06
NNW	358.6	2.424E-06

Table 2.3-158— {Normal Effluent Annual Average, Decayed, Depleted χ/Q Values (sec/m^3)for Mixed Mode Release With Building Wake for Nearest Residents}

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m^3) Nearest Residents
NNE	1443	1.136E-06
NE	1642	8.024E-07
NE	1922	6.201E-07
NE	3021	2.664E-07
NE	3139	2.505E-07
ENE	2854	1.072E-07
ENE	4979	4.602E-08
E	2381	5.010E-08
E	3884	4.207E-08
ESE	2259	6.854E-08
ESE	2362	6.497E-08
SE	1343	1.021E-07
SE	2167	9.075E-08
SSW	583	7.659E-07
SSW	645	6.489E-07
NW	494	6.942E-07

Table 2.3-159— {Normal Effluent Annual Average, Decayed, Depleted χ/Q Values (sec/m^3)for Mixed Mode Release With Building Wake for Nearest Gardens}

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m^3) Nearest Gardens
N	1400	1.098E-06
N	2557	4.942E-07
N	6692	7.718E-08
NNE	5948	9.289E-08
NE	4979	9.791E-08
NE	5593	8.096E-08
ENE	5497	3.913E-08
E	2247	5.324E-08
E	3884	4.207E-08
ESE	5573	1.798E-08
SE	2116	9.355E-08
SE	4941	3.355E-08
SSE	1683	1.822E-07
SSW	583	7.659E-07
SSW	1959	2.697E-07
NW	494	6.942E-07

Table 2.3-160— {Normal Effluent Annual Average, Decayed, Depleted χ/Q Values (sec/m^3)for Mixed Mode Release With Building Wake for Nearest Milk Animals}

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m^3) Nearest Milk Animals
E	8789	9.703E-09
ESE	7818	1.072E-08
S	4359	8.247E-08
S	4888	6.908E-08
SSW	19826	1.303E-08
W	6433	1.960E-07
WNW	6602	8.843E-08

Table 2.3-161— {Normal Effluent Annual Average, Decayed, Depleted χ/Q Values (sec/m^3)for Mixed Mode Release With Building Wake for Nearest Meat Animals}

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m^3) Nearest Meat Animals
NE	4979	9.791E-08
ENE	5497	3.913E-08
S	4888	6.908E-08
SSW	1225	2.897E-07

Table 2.3-162— {Normal Effluent Annual Average, Undecayed, Undepleted Gamma X/Q Values for Mixed Mode Release Using 242,458 cfm Flow Rate for Grid Receptors}

Page 1 of 2

DOWNWIND SECTOR	χ/Q (sec/m³) 0.5 mi	χ/Q (sec/m³) 0.75 mi	χ/Q (sec/m³) 1 mi	χ/Q (sec/m³) 1.5 mi	χ/Q (sec/m³) 2 mi	χ/Q (sec/m³) 2.5 mi	χ/Q (sec/m³) 3 mi	χ/Q (sec/m³) 3.5 mi	χ/Q (sec/m³) 4 mi	χ/Q (sec/m³) 4.5 mi	χ/Q (sec/m³) 5 mi
N	7.959E-07	5.549E-07	4.141E-07	2.506E-07	2.052E-07	1.552E-07	1.117E-07	9.160E-08	6.943E-08	5.964E-08	4.820E-08
NNE	1.043E-06	7.095E-07	4.761E-07	2.845E-07	1.805E-07	1.362E-07	1.129E-07	9.238E-08	7.216E-08	6.187E-08	4.935E-08
NE	8.878E-07	7.363E-07	4.624E-07	2.725E-07	1.666E-07	1.239E-07	8.805E-08	7.195E-08	6.418E-08	5.481E-08	4.211E-08
ENE	3.714E-07	3.167E-07	1.638E-07	9.939E-08	6.839E-08	5.416E-08	4.119E-08	3.355E-08	2.854E-08	2.431E-08	2.006E-08
E	1.960E-07	1.273E-07	7.341E-08	4.754E-08	3.089E-08	3.190E-08	2.427E-08	1.970E-08	1.737E-08	1.479E-08	1.165E-08
ESE	1.411E-07	9.212E-08	6.541E-08	5.106E-08	3.101E-08	2.709E-08	2.010E-08	1.631E-08	1.630E-08	1.387E-08	1.065E-08
SE	1.762E-07	1.146E-07	7.757E-08	6.125E-08	4.321E-08	3.641E-08	2.850E-08	2.313E-08	1.929E-08	1.645E-08	1.424E-08
SSE	2.359E-07	1.535E-07	1.133E-07	9.015E-08	5.399E-08	4.527E-08	3.771E-08	3.073E-08	2.199E-08	1.879E-08	1.692E-08
S	2.403E-07	1.846E-07	1.379E-07	9.010E-08	6.578E-08	6.546E-08	5.154E-08	4.216E-08	3.533E-08	3.036E-08	2.637E-08
SSW	5.143E-07	4.037E-07	2.774E-07	2.064E-07	1.403E-07	1.356E-07	1.048E-07	8.700E-08	7.398E-08	6.457E-08	5.116E-08
SW	5.513E-07	4.436E-07	3.367E-07	2.281E-07	1.721E-07	1.733E-07	1.419E-07	1.437E-07	1.223E-07	1.060E-07	9.325E-08
WSW	1.179E-06	9.894E-07	7.513E-07	8.133E-07	5.810E-07	4.566E-07	3.679E-07	3.065E-07	2.617E-07	2.277E-07	2.011E-07
W	6.979E-07	9.557E-07	7.145E-07	4.381E-07	2.886E-07	2.214E-07	1.771E-07	1.466E-07	1.245E-07	1.078E-07	9.473E-08
WNW	4.913E-07	6.591E-07	4.834E-07	2.973E-07	1.676E-07	1.267E-07	1.009E-07	8.348E-08	7.055E-08	6.080E-08	5.322E-08
NW	5.797E-07	4.815E-07	3.410E-07	2.193E-07	1.525E-07	1.155E-07	9.244E-08	7.588E-08	6.331E-08	5.442E-08	4.753E-08
NNW	5.813E-07	4.131E-07	2.903E-07	1.782E-07	1.241E-07	9.430E-08	7.472E-08	6.133E-08	5.168E-08	4.442E-08	3.880E-08

Table 2.3-162— {Normal Effluent Annual Average, Undecayed, Undepleted Gamma χ/Q Values for Mixed Mode Release Using 242,458 cfm Flow Rate for Grid Receptors}

Page 2 of 2

DOWNWIND SECTOR	χ/Q (sec/m^3) 7.5 mi	χ/Q (sec/m^3) 10 mi	χ/Q (sec/m^3) 15 mi	χ/Q (sec/m^3) 20 mi	χ/Q (sec/m^3) 25 mi	χ/Q (sec/m^3) 30 mi	χ/Q (sec/m^3) 35 mi	χ/Q (sec/m^3) 40 mi	χ/Q (sec/m^3) 45 mi	χ/Q (sec/m^3) 50 mi
N	2.850E-08	1.962E-08	1.160E-08	7.976E-09	5.966E-09	4.705E-09	3.850E-09	3.236E-09	2.777E-09	2.422E-09
NNE	2.900E-08	1.840E-08	1.080E-08	7.393E-09	5.509E-09	4.332E-09	3.535E-09	2.965E-09	2.539E-09	2.210E-09
NE	2.440E-08	1.658E-08	9.641E-09	6.563E-09	4.871E-09	3.819E-09	3.109E-09	2.603E-09	2.225E-09	1.935E-09
ENE	1.150E-08	7.744E-09	4.440E-09	2.990E-09	2.200E-09	1.712E-09	1.385E-09	1.153E-09	9.807E-10	8.488E-10
E	6.663E-09	4.427E-09	2.519E-09	1.685E-09	1.233E-09	9.552E-10	7.696E-10	6.382E-10	5.411E-10	4.669E-10
ESE	6.070E-09	3.510E-09	1.986E-09	1.297E-09	9.452E-10	7.297E-10	5.862E-10	4.849E-10	4.101E-10	3.531E-10
SE	8.116E-09	5.429E-09	3.071E-09	2.045E-09	1.490E-09	1.150E-09	9.241E-10	7.643E-10	6.465E-10	5.566E-10
SSE	9.690E-09	6.141E-09	3.498E-09	2.343E-09	1.715E-09	1.329E-09	1.071E-09	8.888E-10	7.539E-10	6.507E-10
S	1.529E-08	1.037E-08	6.001E-09	4.066E-09	3.005E-09	2.347E-09	1.904E-09	1.589E-09	1.355E-09	1.175E-09
SSW	3.007E-08	2.060E-08	1.208E-08	8.272E-09	6.164E-09	4.846E-09	3.955E-09	3.317E-09	2.841E-09	2.473E-09
SW	5.805E-08	4.068E-08	2.467E-08	1.731E-08	1.315E-08	1.052E-08	8.704E-09	7.391E-09	6.399E-09	5.626E-09
WSW	1.246E-07	8.880E-08	5.514E-08	3.935E-08	3.030E-08	2.448E-08	2.045E-08	1.750E-08	1.525E-08	1.349E-08
W	5.762E-08	4.051E-08	2.467E-08	1.736E-08	1.322E-08	1.058E-08	8.774E-09	7.458E-09	6.463E-09	5.687E-09
WNW	3.187E-08	2.214E-08	1.326E-08	9.220E-09	6.958E-09	5.528E-09	4.552E-09	3.847E-09	3.318E-09	2.907E-09
NW	2.818E-08	1.944E-08	1.152E-08	7.944E-09	5.955E-09	4.705E-09	3.855E-09	3.245E-09	2.788E-09	2.434E-09
NNW	2.299E-08	1.585E-08	9.392E-09	6.471E-09	4.846E-09	3.827E-09	3.135E-09	2.637E-09	2.265E-09	1.976E-09

Table 2.3-163— {Normal Effluent Annual Average, Undecayed, Undepleted Gamma χ/Q Values for Mixed Mode Release Using 242,458 cfm Flow Rate for Site Boundary Receptors}

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m^3) Site Boundary
N	418.4	1.616E-06
NNE	425.5	2.123E-06
NE	506.8	1.464E-06
ENE	518.8	5.968E-07
E	478.1	3.318E-07
ESE	322.7	3.137E-07
SE	270.1	4.402E-07
SSE	263.0	5.961E-07
S	263.0	5.681E-07
SSW	267.7	1.172E-06
SW	267.7	1.173E-06
WSW	251.0	2.537E-06
W	239.1	1.406E-06
WNW	239.1	9.784E-07
NW	243.8	1.532E-06
NNW	358.6	1.345E-06

Table 2.3-164— {Normal Effluent Annual Average, Undecayed, Undepleted Gamma χ/Q Values (sec/m³) for Mixed Mode Release With Building Wake for Nearest Residents}

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m³) Nearest Residents
NNE	1443	5.462E-07
NE	1642	4.504E-07
NE	1922	3.671E-07
NE	3021	1.811E-07
NE	3139	1.722E-07
ENE	2854	7.971E-08
ENE	4979	3.964E-08
E	2381	4.826E-08
E	3884	3.344E-08
ESE	2259	5.514E-08
ESE	2362	5.236E-08
SE	1343	9.396E-08
SE	2167	6.961E-08
SSW	583	7.191E-07
SSW	645	6.476E-07
NW	494	9.332E-07

Table 2.3-165— {Normal Effluent Annual Average, Undecayed, Undepleted Gamma χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Nearest Gardens}

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m^3) Nearest Gardens
N	1400	4.925E-07
N	2557	2.746E-07
N	6692	6.603E-08
NNE	5948	7.995E-08
NE	4979	8.484E-08
NE	5593	7.262E-08
ENE	5497	3.467E-08
E	2247	5.138E-08
E	3884	3.344E-08
ESE	5573	1.655E-08
SE	2116	7.159E-08
SE	4941	2.761E-08
SSE	1683	1.374E-07
SSW	583	7.191E-07
SSW	1959	2.565E-07
NW	494	9.332E-07

Table 2.3-166— {Normal Effluent Annual Average, Undecayed, Undepleted Gamma χ/Q Values (sec/m³) for Mixed Mode Release With Building Wake for Nearest Milk Animals}

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m³) Nearest Milk Animals
E	8789	1.032E-08
ESE	7818	1.107E-08
S	4359	5.893E-08
S	4888	5.084E-08
SSW	19826	1.566E-08
W	6433	1.245E-07
WNW	6602	6.832E-08

Table 2.3-167— {Normal Effluent Annual Average, Undecayed, Undepleted Gamma χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Nearest Meat Animals}

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m^3) Nearest Meat Animals
NE	4979	8.484E-08
ENE	5497	3.467E-08
S	4888	5.084E-08
SSW	1225	3.623E-07

Table 2.3-168— {Normal Effluent Annual Average D/Q Values for Mixed Mode Release Using 242,458 cfm Flow Rate for Grid Receptors}

Page 1 of 2

DOWNWIND SECTOR	D/Q ($1/m^2$) 0.5 mi	D/Q ($1/m^2$) 0.75 mi	D/Q ($1/m^2$) 1 mi	D/Q ($1/m^2$) 1.5 mi	D/Q ($1/m^2$) 2 mi	D/Q ($1/m^2$) 2.5 mi	D/Q ($1/m^2$) 3 mi	D/Q ($1/m^2$) 3.5 mi	D/Q ($1/m^2$) 4 mi	D/Q ($1/m^2$) 4.5 mi	D/Q ($1/m^2$) 5 mi
N	3.272E-09	2.526E-09	1.762E-09	1.059E-09	8.591E-10	1.037E-09	6.839E-10	5.200E-10	3.688E-10	3.004E-10	2.301E-10
NNE	5.945E-09	4.482E-09	2.789E-09	1.504E-09	8.772E-10	1.105E-09	8.415E-10	6.402E-10	4.689E-10	3.794E-10	2.873E-10
NE	1.306E-08	1.018E-08	5.777E-09	2.995E-09	1.661E-09	1.144E-09	7.649E-10	7.653E-10	6.434E-10	5.232E-10	3.831E-10
ENE	7.583E-09	5.004E-09	2.414E-09	1.313E-09	8.213E-10	6.001E-10	4.261E-10	4.706E-10	3.824E-10	2.546E-10	2.007E-10
E	3.494E-09	2.051E-09	1.122E-09	6.433E-10	3.797E-10	4.555E-10	3.296E-10	2.089E-10	1.739E-10	1.406E-10	1.058E-10
ESE	2.353E-09	1.411E-09	9.671E-10	6.270E-10	3.486E-10	3.684E-10	2.581E-10	1.720E-10	1.622E-10	1.306E-10	9.586E-11
SE	3.141E-09	1.865E-09	1.212E-09	7.912E-10	5.092E-10	3.990E-10	2.909E-10	2.228E-10	1.772E-10	1.622E-10	1.341E-10
SSE	3.979E-09	2.375E-09	1.689E-09	1.108E-09	6.062E-10	4.558E-10	3.527E-10	2.731E-10	1.850E-10	1.825E-10	1.569E-10
S	2.791E-09	1.858E-09	1.355E-09	8.052E-10	5.384E-10	4.357E-10	3.196E-10	2.466E-10	1.956E-10	2.302E-10	1.904E-10
SSW	4.021E-09	2.645E-09	1.774E-09	1.110E-09	6.917E-10	5.417E-10	3.927E-10	3.061E-10	2.468E-10	3.666E-10	2.757E-10
SW	2.355E-09	1.537E-09	1.142E-09	6.902E-10	4.737E-10	3.615E-10	2.751E-10	2.241E-10	1.799E-10	1.476E-10	1.234E-10
WSW	2.014E-09	1.219E-09	8.591E-10	5.464E-10	3.571E-10	4.508E-09	3.531E-09	2.834E-09	2.313E-09	1.916E-09	1.607E-09
W	9.453E-10	1.010E-09	7.478E-10	4.771E-10	3.359E-10	2.186E-09	1.765E-09	1.449E-09	1.203E-09	3.029E-10	2.506E-10
WNW	1.076E-09	1.266E-09	9.078E-10	7.614E-10	5.229E-10	4.822E-10	4.533E-10	3.072E-10	2.420E-10	1.973E-10	1.633E-10
NW	1.715E-09	1.341E-09	9.557E-10	8.352E-10	6.516E-10	6.106E-10	4.473E-10	3.410E-10	2.661E-10	2.166E-10	1.792E-10
NNW	1.841E-09	1.442E-09	9.720E-10	6.066E-10	4.138E-10	5.480E-10	3.974E-10	3.022E-10	2.382E-10	1.940E-10	1.605E-10

Table 2.3-168— {Normal Effluent Annual Average D/Q Values for Mixed Mode Release Using 242,458 cfm Flow Rate for Grid Receptors}

Page 2 of 2

DOWNWIND SECTOR	D/Q ($1/m^2$) 7.5 mi	D/Q ($1/m^2$) 10 mi	D/Q ($1/m^2$) 15 mi	D/Q ($1/m^2$) 20 mi	D/Q ($1/m^2$) 25 mi	D/Q ($1/m^2$) 30 mi	D/Q ($1/m^2$) 35 mi	D/Q ($1/m^2$) 40 mi	D/Q ($1/m^2$) 45 mi	D/Q ($1/m^2$) 50 mi
N	1.125E-10	7.051E-11	3.599E-11	2.178E-11	1.460E-11	1.046E-11	7.858E-12	6.110E-12	4.880E-12	3.984E-12
NNE	1.404E-10	8.140E-11	4.171E-11	2.524E-11	1.692E-11	1.213E-11	9.106E-12	7.081E-12	5.656E-12	4.617E-12
NE	1.881E-10	1.180E-10	5.995E-11	3.628E-11	2.433E-11	1.743E-11	1.309E-11	1.018E-11	8.130E-12	6.636E-12
ENE	9.840E-11	6.170E-11	3.135E-11	1.898E-11	1.272E-11	9.117E-12	6.846E-12	5.323E-12	4.252E-12	3.471E-12
E	5.162E-11	3.207E-11	1.621E-11	9.812E-12	6.579E-12	4.714E-12	3.540E-12	2.752E-12	2.199E-12	1.795E-12
ESE	4.714E-11	2.557E-11	1.293E-11	7.671E-12	5.144E-12	3.686E-12	2.768E-12	2.152E-12	1.719E-12	1.403E-12
SE	6.573E-11	4.125E-11	2.085E-11	1.262E-11	8.460E-12	6.062E-12	4.552E-12	3.539E-12	2.827E-12	2.308E-12
SSE	7.688E-11	4.551E-11	2.300E-11	1.392E-11	9.335E-12	6.689E-12	5.023E-12	3.905E-12	3.120E-12	2.546E-12
S	9.335E-11	5.858E-11	2.961E-11	1.792E-11	1.202E-11	8.610E-12	6.465E-12	5.027E-12	4.016E-12	3.278E-12
SSW	1.368E-10	8.582E-11	4.338E-11	2.625E-11	1.760E-11	1.261E-11	9.472E-12	7.365E-12	5.883E-12	4.802E-12
SW	1.705E-10	1.070E-10	5.409E-11	3.274E-11	2.195E-11	1.573E-11	1.181E-11	9.183E-12	7.336E-12	5.988E-12
WSW	2.615E-10	1.639E-10	8.296E-11	5.021E-11	3.367E-11	2.414E-11	1.813E-11	1.410E-11	1.130E-11	9.227E-12
W	1.235E-10	7.741E-11	3.909E-11	2.366E-11	1.587E-11	1.137E-11	8.565E-12	6.661E-12	5.341E-12	4.360E-12
WNW	8.016E-11	5.023E-11	2.537E-11	1.535E-11	1.038E-11	7.436E-12	5.584E-12	4.342E-12	3.472E-12	2.834E-12
NW	8.760E-11	5.487E-11	2.802E-11	1.696E-11	1.137E-11	8.148E-12	6.118E-12	4.757E-12	3.800E-12	3.102E-12
NNW	7.853E-11	4.921E-11	2.507E-11	1.517E-11	1.017E-11	7.291E-12	5.474E-12	4.257E-12	3.400E-12	2.775E-12

Table 2.3-169— {Normal Effluent Annual Average D/Q Values (1/m^2) for Mixed Mode Release Using 242,458 cfm Flow Rate for Site Boundary Receptors}

DOWNWIND SECTOR	Distance (m)	D/Q (1/m^2) Site Boundary
N	418.4	6.796E-09
NNE	425.5	1.210E-08
NE	506.8	2.268E-08
ENE	518.8	1.367E-08
E	478.1	7.162E-09
ESE	322.7	8.245E-09
SE	270.1	1.449E-08
SSE	263.0	1.838E-08
S	263.0	1.149E-08
SSW	267.7	1.589E-08
SW	267.7	9.454E-09
WSW	251.0	9.765E-09
W	239.1	3.402E-09
WNW	239.1	3.872E-09
NW	243.8	5.812E-09
NNW	358.6	4.323E-09

Table 2.3-170— {Normal Effluent Annual Average D/Q Values (1/ m^2) for Mixed Mode Release With Building Wake for Nearest Residents}

DOWNWIND SECTOR	Distance (m)	D/Q ($1/m^2$) Nearest Residents
NNE	1443	3.287E-09
NE	1642	5.592E-09
NE	1922	4.337E-09
NE	3021	1.846E-09
NE	3139	1.732E-09
ENE	2854	9.959E-10
ENE	4979	5.779E-10
E	2381	6.560E-10
E	3884	4.819E-10
ESE	2259	6.839E-10
ESE	2362	6.469E-10
SE	1343	1.508E-09
SE	2167	9.258E-10
SSW	583	6.036E-09
SSW	645	5.310E-09
NW	494	2.810E-09

Table 2.3-171— {Normal Effluent Annual Average D/Q Values (1/m^2) for Mixed Mode Release With Building Wake for Nearest Gardens}

DOWNWIND SECTOR	Distance (m)	D/Q (1/m^2) Nearest Gardens
N	1400	2.165E-09
N	2557	1.153E-09
N	6692	3.461E-10
NNE	5948	5.398E-10
NE	4979	9.517E-10
NE	5593	7.747E-10
ENE	5497	4.902E-10
E	2247	7.117E-10
E	3884	4.819E-10
ESE	5573	1.753E-10
SE	2116	9.578E-10
SE	4941	2.793E-10
SSE	1683	1.832E-09
SSW	583	6.036E-09
SSW	1959	1.456E-09
NW	494	2.810E-09

Table 2.3-172— {Normal Effluent Annual Average D/Q Values (1/m^2) for Mixed Mode Release With Building Wake for Nearest Milk Animals}

DOWNWIND SECTOR	Distance (m)	D/Q (1/m^2) Nearest Milk Animals
E	8789	8.979E-11
ESE	7818	1.009E-10
S	4359	3.803E-10
S	4888	3.149E-10
SSW	19826	6.063E-11
W	6433	1.203E-09
WNW	6602	2.330E-10

Table 2.3-173— {Normal Effluent Annual Average, D/Q Values (1/m^2) for Mixed Mode Release With Building Wake for Nearest Meat Animals}

DOWNWIND SECTOR	Distance (m)	D/Q (1/m^2) Nearest Meat Animals
NE	4979	9.517E-10
ENE	5497	4.902E-10
S	4888	3.149E-10
SSW	1225	2.371E-09

Table 2.3-174— 100-Year Return Period and Historical Maximum Snowfall Events

Site	100-yr 2-day Snowfall in (mm)	Observed Maximum 2-day Snowfall in (mm)	100-yr Snowfall Converted to Ground Snow Load lb/ft^2 (kg/m^2)[1]	Observed Maximum Snowfall Converted to Ground Snow Load lb/ft^2 (kg/m^2)[1]
Wilkes Barre, PA	25.5 (647.7)	32.0 (812.8)	19.9 (97.2)	25.0 (122.1)
Freeland, PA	30.1 (764.5)	31.0 (787.4)	23.5 (114.7)	24.2 (118.2)
Shickshinny, PA	24.2 (614.7)	20.7 (525.8)	18.9 (92.3)	16.1 (78.6)
Francis E Walter Dam, PA	22.1 (561.3)	20.0 (508.0)	17.2 (84.0)	15.6 (76.2)
Scranton WB City, PA	19.4 (492.8)	20.0 (508.0)	15.1 (73.7)	15.6 (76.2)
Lehighton, PA	30.2 (767.1)	32.0 (812.8)	23.6 (115.2)	25.0 (122.1)
Pottsville, PA (1940-1949)	25.7 (652.8)	26.6 (675.6)	20.0 (97.6)	20.7 (101.1)
Tamaqua, PA	29.1 (739.1)	26.5 (673.1)	22.7 (110.8)	20.7 (101.1)
Palmerton, PA	21.3 (541.0)	24.5 (622.3)	16.6 (81.0)	19.1 (93.2)
Eagles Mere, PA	20.5 (520.7)	23.0 (584.2)	16.0 (78.1)	17.9 (87.4)
Mahanoy City, PA	27.5 (698.5)	22.0 (558.8)	21.5 (105.0)	17.2 (84.0)
Pottsville, PA (1940-1971)	23.9 (607.1)	21.6 (548.6)	18.6 (90.8)	16.8 (82.0)
Berwick, PA	22.5 (571.5)	20.0 (508.0)	17.6 (85.9)	15.6 (76.2)
Allentown, PA	22.1 (561.3)	20.0 (508.0)	17.2 (84.0)	15.6 (76.2)
Jim Thorpe, PA	21.7 (551.2)	19.5 (495.3)	16.9 (82.5)	15.2 (74.2)
Port Clinton, PA	19.6 (497.8)	19.0 (482.6)	15.3 (74.7)	14.8 (72.3)
Williamsport, PA	16.8 (426.7)	17.2 (436.9)	13.1 (64.0)	13.4 (65.4)
Millville, PA	19.3 (490.2)	17.0 (431.8)	15.1 (73.7)	13.3 (64.9)
Cedar Run River, PA	18.5 (469.9)	17.0 (431.8)	14.4 (70.3)	13.3 (64.9)
Kresgeville, PA	21.2 (538.5)	14.0 (355.6)	16.5 (80.6)	10.9 (53.2)

[1] Equation 2 from ISG-07 was used to convert snowfall to ground snow load

Table 2.3-175— Highest Daily Snow Depth

Site	Highest Daily Snow Depth in (mm)	Date	Ground Snow Load lb/ft^2(kg/m^2)[1]
Freeland, PA	39 (991)	2/14/1926	40.7 (198.7)
Cedar Run River, PA	36 (914)	1/23/1978	36.5 (178.2)
Eagles Mere, PA	35 (889)	1/26/1987	35.1 (171.4)
Francis E. Walter Dam , PA	34 (864)	2/8/1978	33.8 (165.0)
Tamaqua, PA	34 (864)	1/13/1996	33.8 (165.0)
Mahanoy City, PA	33 (838)	1/13/1996	32.4 (158.2)
Shickshinny, PA	32 (813)	1/20/1994	31.1 (151.8)
Millville, PA	28 (711)	2/5/1961	25.9 (126.5)
Allentown, PA	28 (711)	2/12/1983	25.9 (126.5)
Wilkes Barre, PA	27 (686)	2/5/1961	24.7 (120.6)
Williamsport, PA	26 (660)	1/12/1996	23.4 (114.2)
Lehighton, PA	24 (610)	2/13/1983	21.0 (102.5)
Berwick, PA	23 (584)	2/4/1961	19.8 (96.7)
Palmerton, PA	21 (533)	2/16/1958	17.5 (85.4)
Jim Thorpe, PA	20 (508)	2/14/1899; 1/29/1925	16.4 (80.1)
Pottsville, PA (1940-1971)	19 (483)	1/14/1964	15.3 (74.7)
Kresgeville, PA	19 (483)	2/8/1978	15.3 (74.7)
Port Clinton, PA	16 (406)	1/17/1945	12.1 (59.1)
Scranton WB City, PA	15 (381)	2/4/1926	11.1 (54.2)
[1] Equation 1 from ISG-07 was used to convert snowfall to ground snow load			

Table 2.3-176— {BBNPP Meteorological Tower Instrument Types, Specifications and Accuracies for Operational Program}

Measurement	System Accuracy*	Measurement Resolution*
Wind Speed	+/- 0.2 m/s (+/-0.45 mph) or 5% of observed wind speed starting threshold <0.45 m/s (1 mph)	0.1 m/s or 0.1 mph
Wind Direction	+/- 5 degree starting threshold <0.45 m/s (1 mph)	1.0 degree
Ambient Temperature	+/-0.5°C (+/-0.9°F)	0.1°C or 0.1°F
Vertical Temperature Difference	+/-0.1°C (+/-0.18°F)	0.01°C or 0.01°F
Dew Point Temperature	+/-1.5°C (+/-2.7°F)	0.1°C or 0.1°F
Wet-Bulb Temperature	+/-0.5°C (+/-0.9°F)	0.1°C or 0.1°F
Relative Humidity	+/-4%	0.1%
Precipitation (water equivalent)	+/-10% for a volume equivalent to 2.54 mm (0.1 in) of precipitation at a rate <50 mm/h (<2 in/h)	0.25 mm or 0.01 in
Time	+/- 5 min	1 min
*** Resolution and accuracy requirements consistent with Regulatory Guide 1.23, Revision 1, March 2007**		

Table 2.3-177— {Existing Man-Made Potential Obstructions to Air Flow for the SSES Meteorological Tower}

Obstruction	Wind Direction and Sector	Distance ft(m)	Grade ft (m)	Height ft (m)	Largest Bottom Dimension ft (m)	Largest Top Dimension ft (m)
SSES CWS Cooling Tower South Unit 2 (centerline)	271 W	1958 (597)	690 (210)	540 (165)	419 (128)	301 (92)
SSES CWS Cooling Tower North Unit 1 (centerline)	291 WNW	2108 (643)	710 (216)	540 (165)	419 (128)	301 (92)
SSES Reactor Building Unit 2 (centerline) (Note 1)	284 WNW	1219 (372)	670 (204)	203.125 (62)	323 (98)	N/A
SSES Turbine Building Unit 2 (centerline) (Note 1)	280 W	1409 (429)	676 (206)	112.21 (34)	630 (192)	N/A
SSES Emergency Diesel Generator (E)	301 WNW	1100 (335)	656 (200)	85.5 (26)	80 (24)	N/A
SSES Emergency Diesel Generator (A-D)	297 WNW	1336 (407)	660 (201)	75.5 (23)	120 (37)	N/A
SSES Service and Administration Building	302 WNW	1430 (436)	676 (206)	66 (20)	150.5 (46)	N/A
SSES Salt Dome Storage	277 W	209 (64)	655 (200)	60 (18)	60 (18)	N/A
SSES Domestic Water Storage Tank	321 NW	432 (132)	660 (201)	46 (14)	46 (14)	N/A
-Note 1: SSES Unit 2 Reactor Building and Turbine Building are closer to the SSES Meteorological Tower than the Unit 1 structures.						

Table 2.3-178— {Potential Man-Made Obstructions to Air Flow for the BBNPP Meteorological Tower}
(Page 1 of 2)

Obstruction	Wind Direction and Sector	Distance ft(m)	Grade/ Finished Floor Elevation ft (m)	Height ft (m)	Largest Bottom Dimension ft (m)	Largest Top Dimension ft (m)
SSES Meteorological Tower	45 NE	4171 (1271)	650 (198)	200 (61)	N/A	N/A
SSES CWS Cooling Tower South Unit 2 (centerline)	19 NNE	3139 (957)	690 (210)	540 (165)	419 (128)	301 (92)
SSES CWS Cooling Tower North Unit 1 (centerline)	15 NNE	3823 (1165)	710 (216)	540 (165)	419 (128)	301 (92)
BBNPP CWS Cooling Tower East (centerline)	316 NW	4520 (1378)	700 (213)	475 (145)	360 (110)	202 (62)
BBNPP CWS Cooling Tower West (centerline)	310 NW	4985 (1519)	700 (213)	475 (145)	360 (110)	202 (62)
Tree line (to North of BBNPP Meteorological Tower)	357 N	260 (79)	668 (204)	79 (24)	N/A	N/A
Tree line (to South of BBNPP Meteorological Tower)	177 S	300 (91)	668 (204)	94 (29)	N/A	N/A
BBNPP Reactor Building (centerline)	300 WNW	4368 (1331)	720 (219)	204.4 (62)	182.87 (56)	N/A
BBNPP Turbine Building (centerline)	303 WNW	4043 (1232)	720 (219)	160 (49)	384.5 (117)	N/A
SSES Reactor Building Unit 2 (centerline) (Note 1)	28 NNE	3669 (1118)	670 (204)	203.125 (62)	323 (98)	N/A
SSES Turbine Building Unit 2 (centerline) (Note 1)	26 NNE	3585 (1093)	676 (206)	112.21 (34)	630 (192)	N/A
BBNPP Emergency Diesel Generator South	298 WNW	4141 (1262)	720 (219)	68 (21)	178 (54)	N/A
BBNPP Emergency Diesel Generator North	304 NW	4464 (1361)	720 (219)	68 (21)	178 (54)	N/A
BBNPP Service and Administration Building	299 WNW	4214 (1284)	720 (219)	62.67 (19)	119.94 (37)	N/A
SSES Emergency Diesel Generator (E)	30 NNE	4092 (1247)	656 (200)	85.5 (26)	80 (24)	N/A

Table 2.3-178— {Potential Man-Made Obstructions to Air Flow for the BBNPP Meteorological Tower}
(Page 2 of 2)

Obstruction	Wind Direction and Sector	Distance ft(m)	Grade/ Finished Floor Elevation ft (m)	Height ft (m)	Largest Bottom Dimension ft (m)	Largest Top Dimension ft (m)
SSES Emergency Diesel Generator (A-D)	27 NNE	3952 (1205)	660 (201)	75.5 (23)	120 (37)	N/A
SSES Service and Administration Building	26 NNE	4123 (1257)	676 (206)	66 (20)	150.5 (46)	N/A
SSES Salt Dome Storage	43 NE	4045 (1233)	655 (200)	60 (18)	60 (18)	N/A
SSES Domestic Water Storage Tank	40 NE	4234 (1291)	660 (201)	46 (14)	46 (14)	N/A
- Note 1: SSES Unit 2 Reactor Building and Turbine Building are closer to the BBNPP Meteorological Tower than the Unit 1 structures.						

Figure 2.3-1— {Annual Average Number of Tornadoes, 1950-1995}

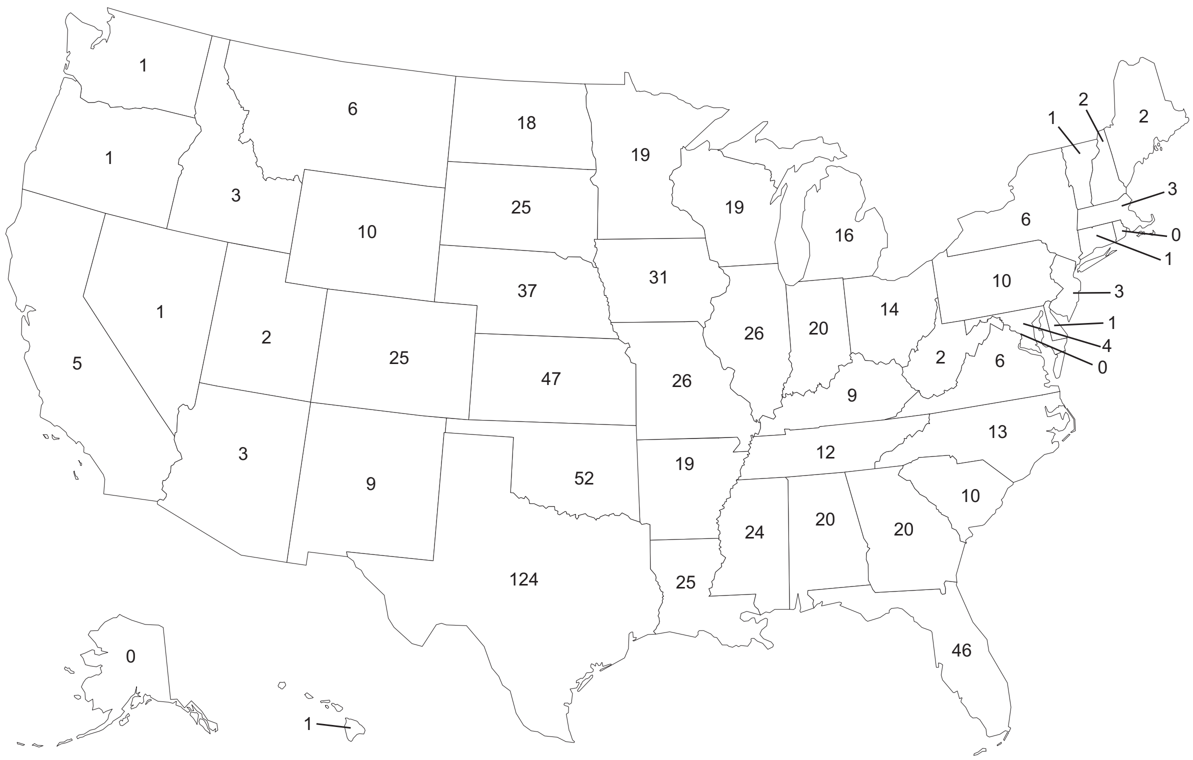


Figure 2.3-2— {Annual Average Number of Strong-Violent (F2-F5) Tornadoes, 1950-1995}

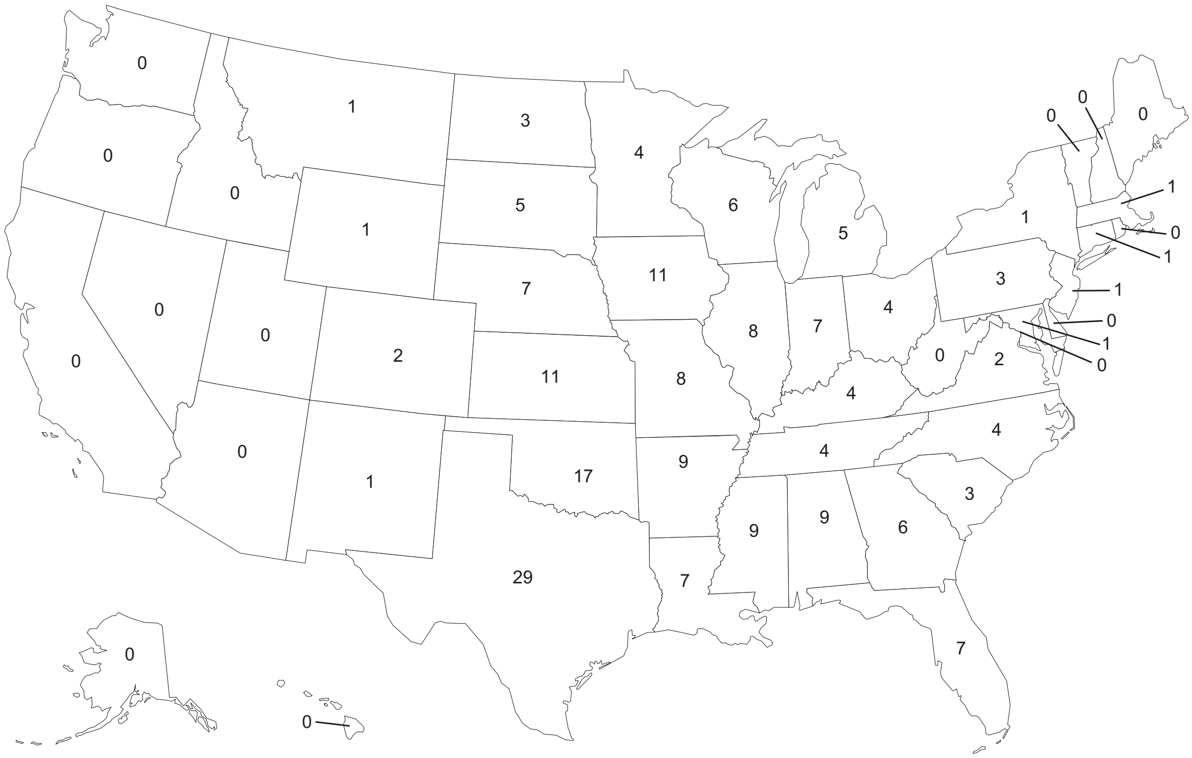


Figure 2.3-3— {Annual Thunderstorm Frequency}

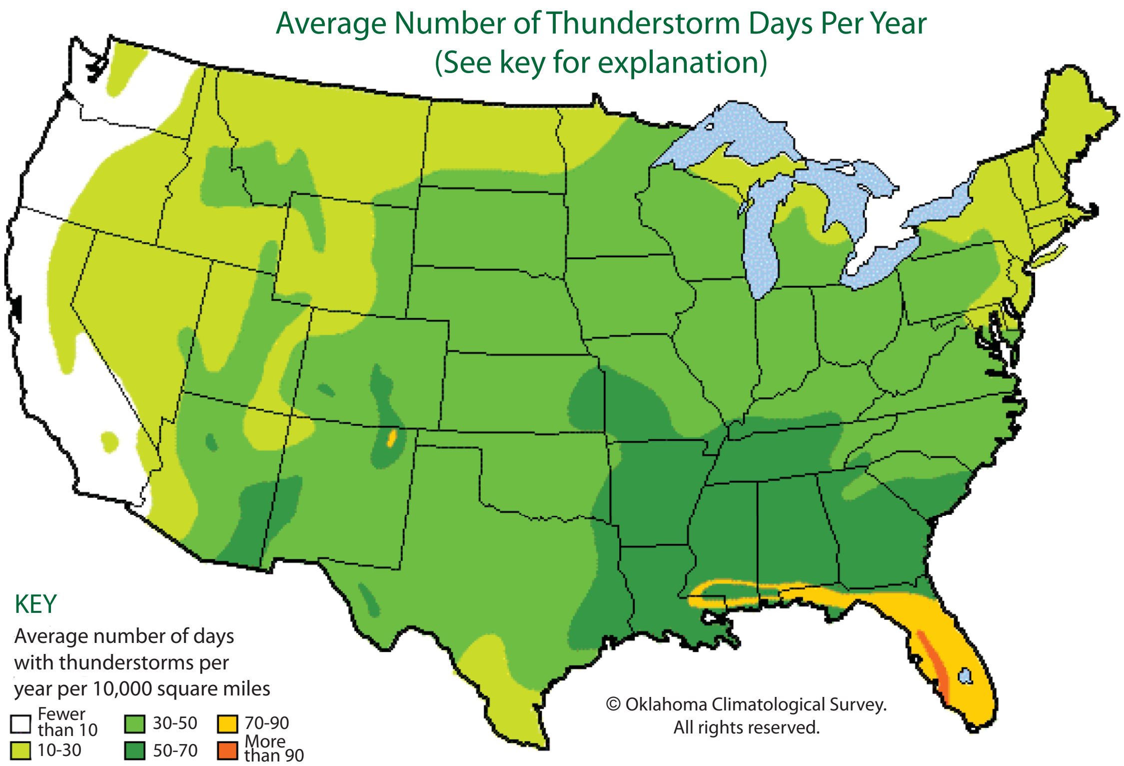


Figure 2.3-4— {Five-Year Lightning Flash Density Map}

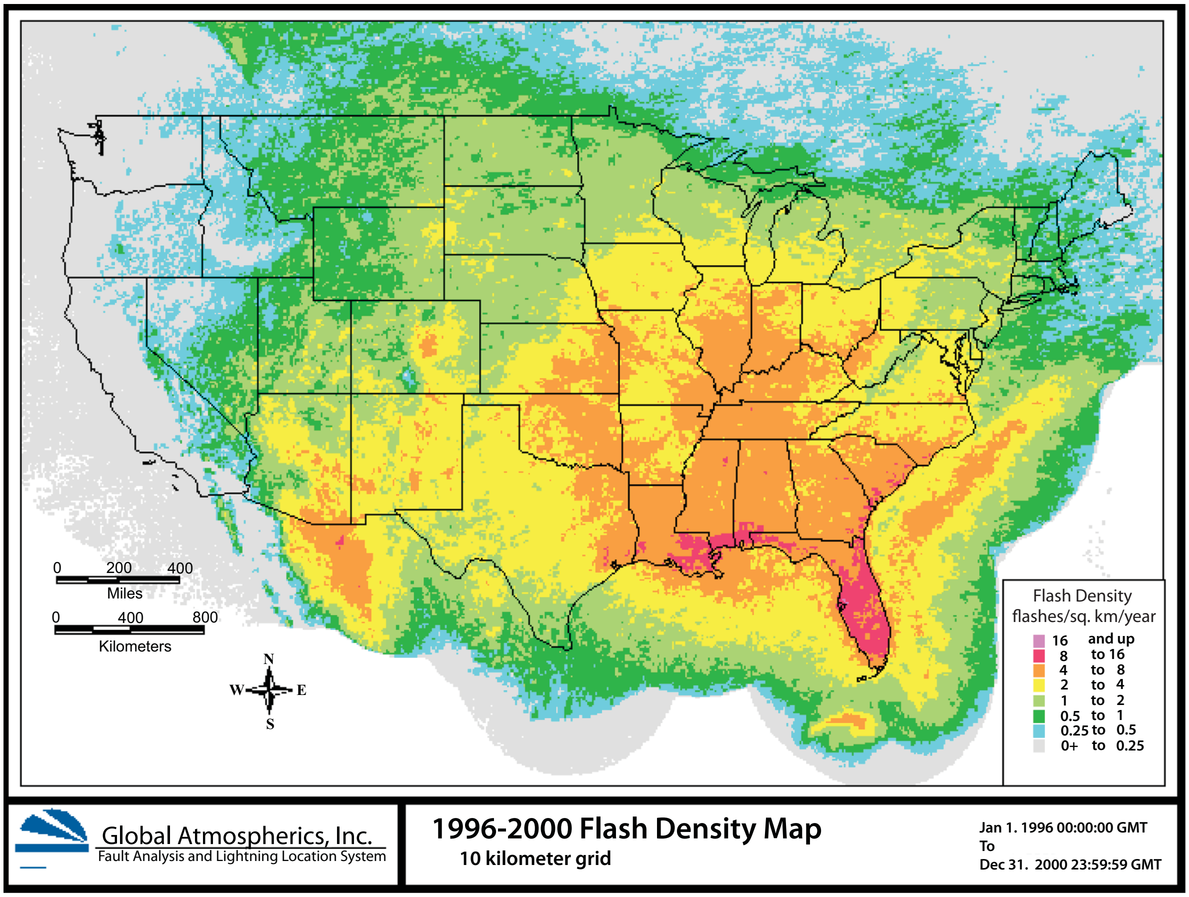


Figure 2.3-5— {Plotted PMWP Values for BBNPP}

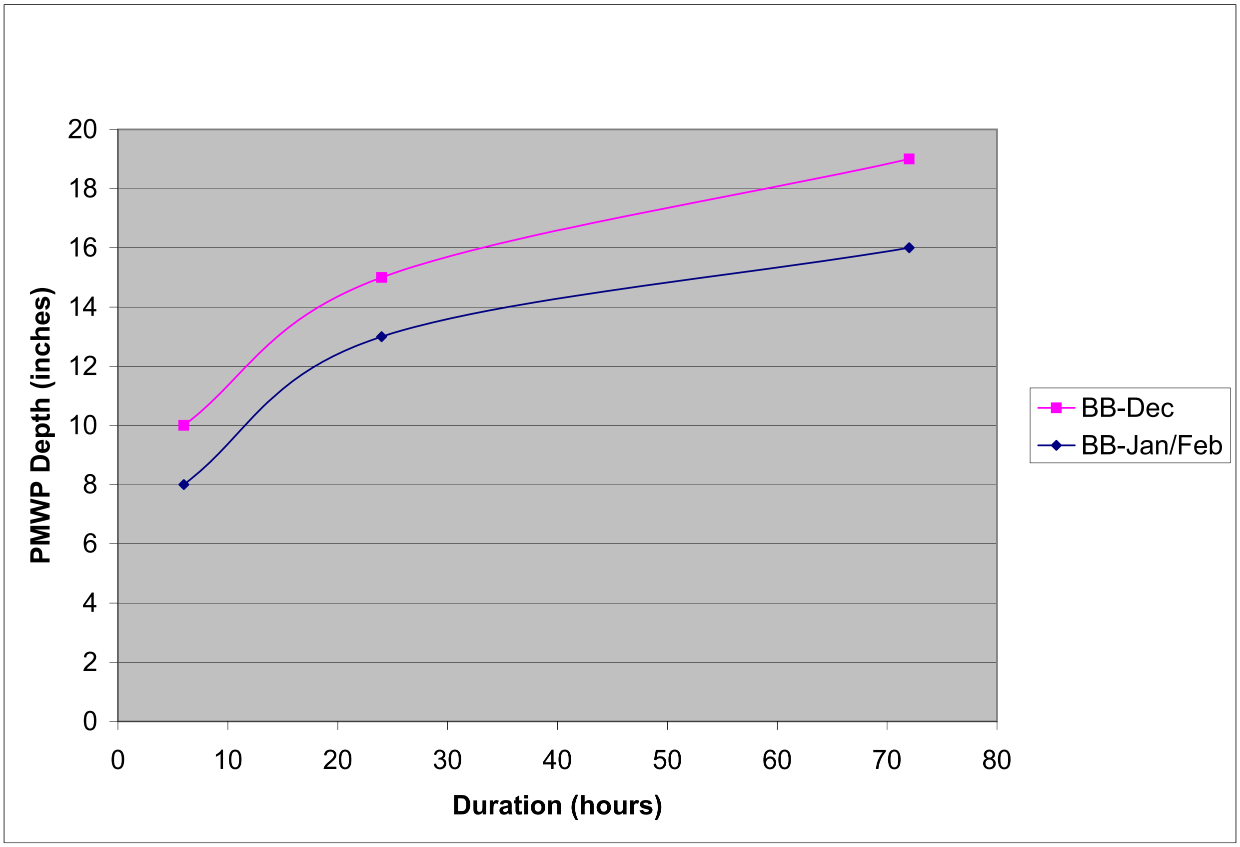


Figure 2.3-6— {BBNPP 33' (10-m) Annual Wind Rose}

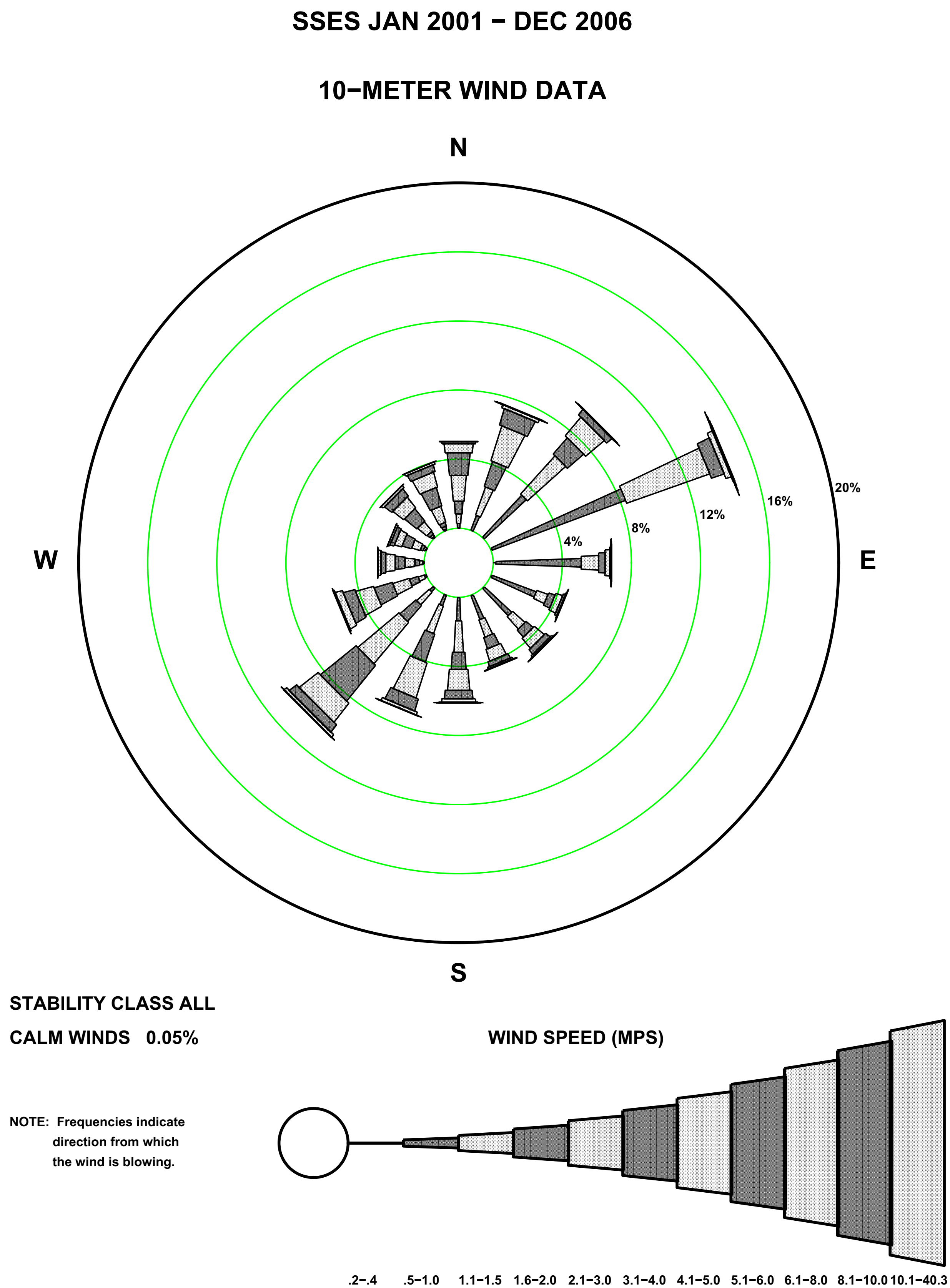


Figure 2.3-7— {BBNPP 197' (60-m) Annual Wind Rose}

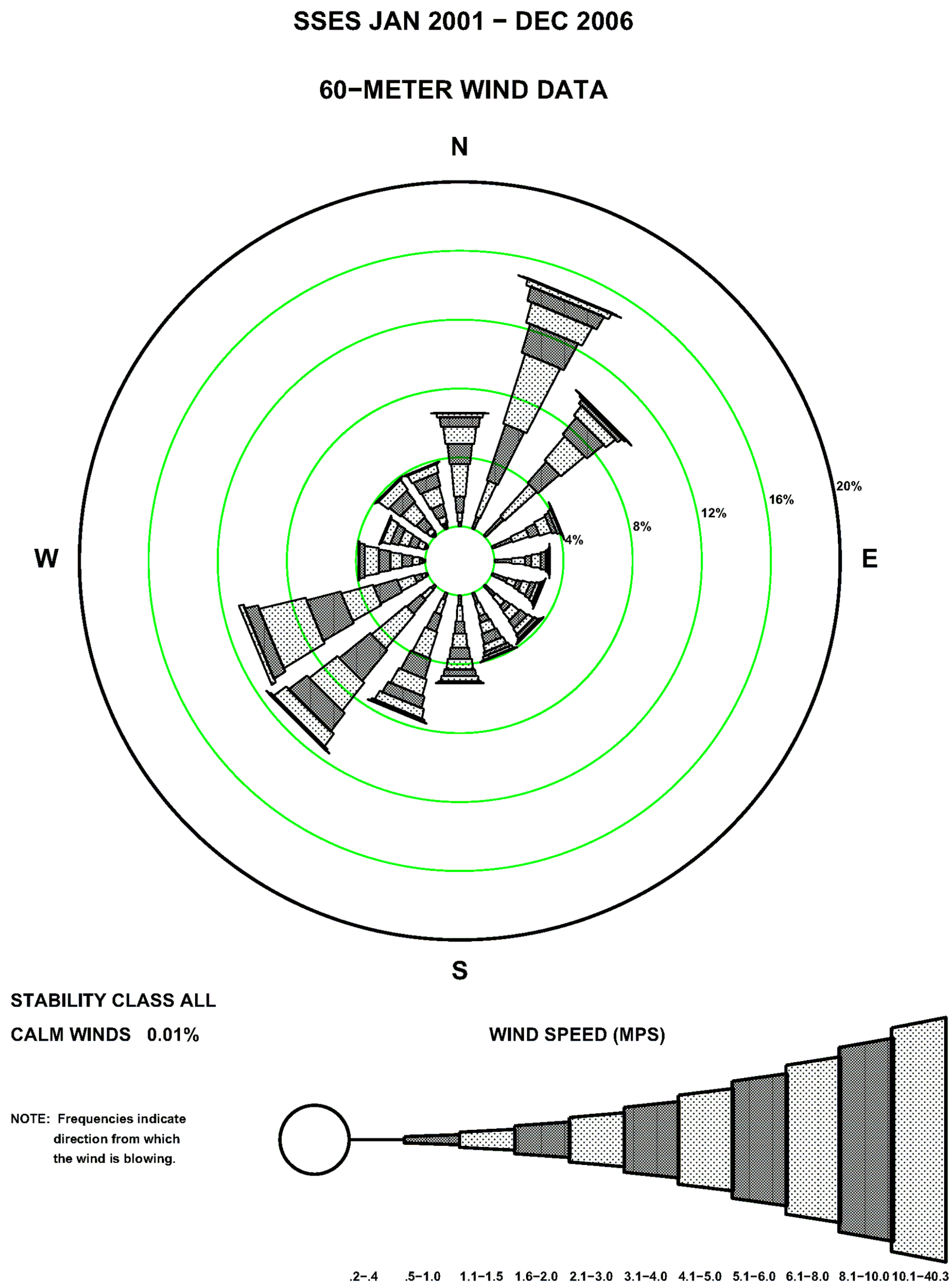


Figure 2.3-8— {BBNPP 33' (10-m) Seasonal Wind Roses}

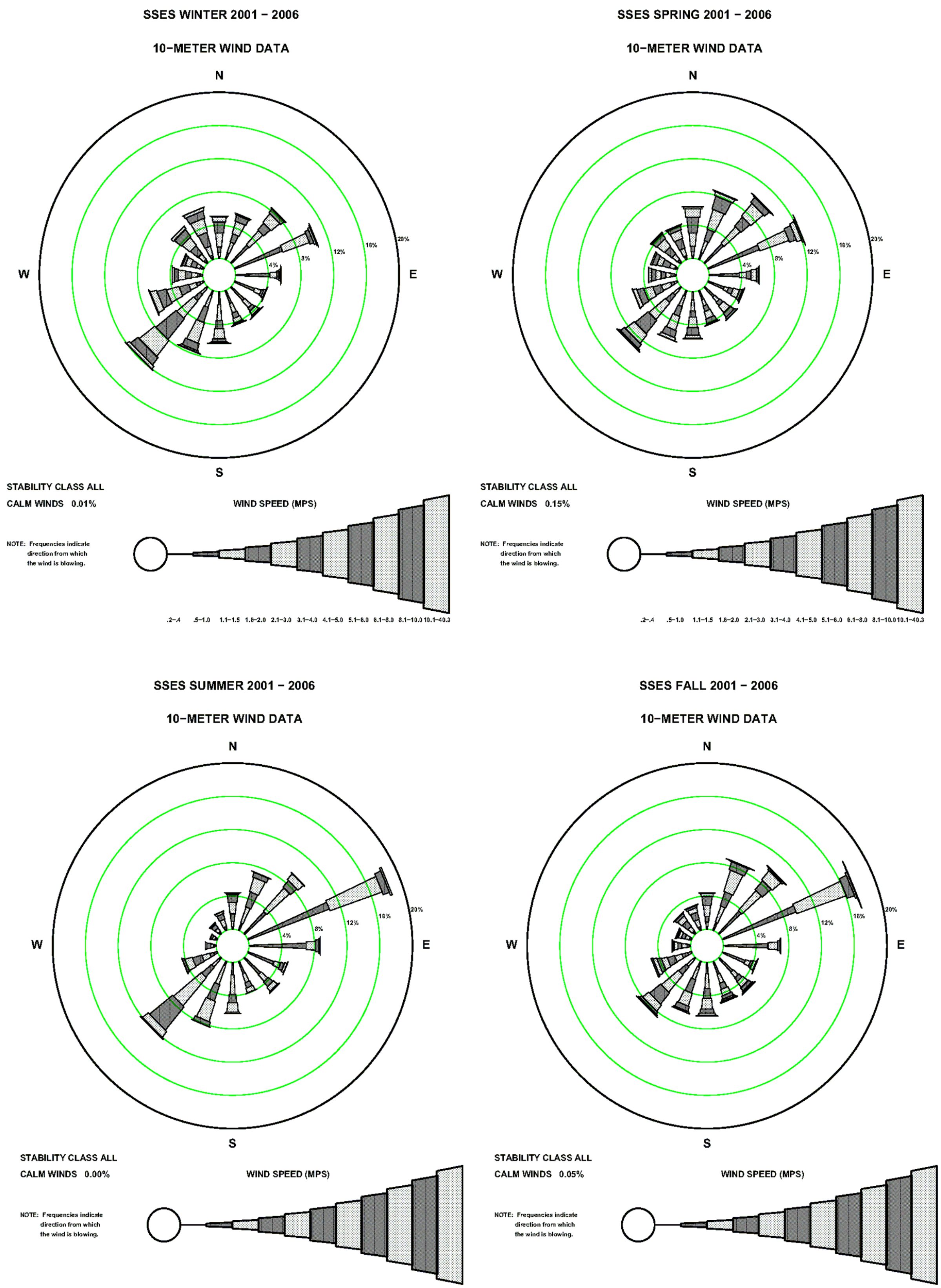


Figure 2.3-9— {BBNPP 197' (60-m) Seasonal Wind Roses}

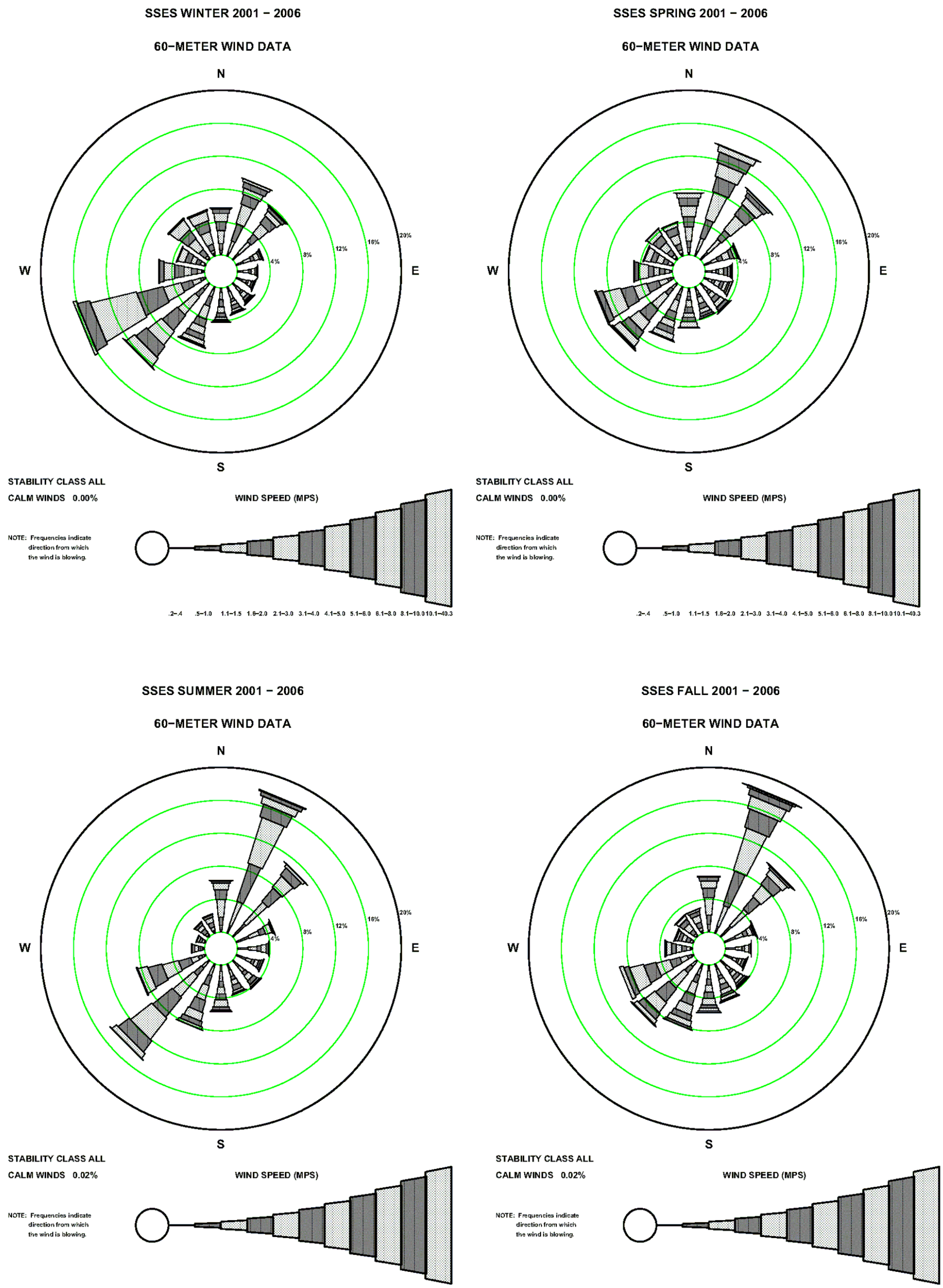


Figure 2.3-10— {BBNPP 33' (10-m) January Wind Rose}

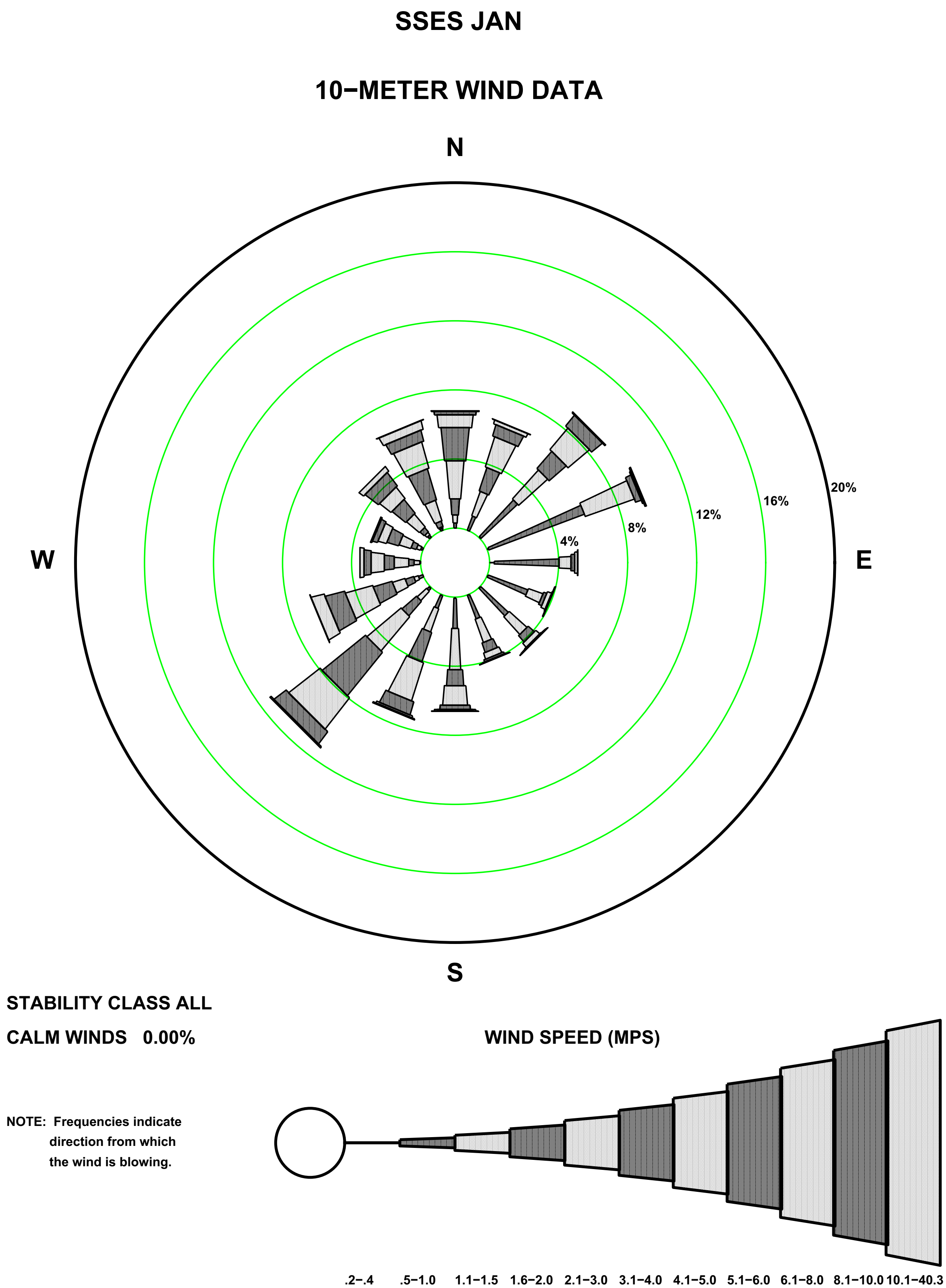


Figure 2.3-11— {BBNPP 33' (10-m) February Wind Rose}

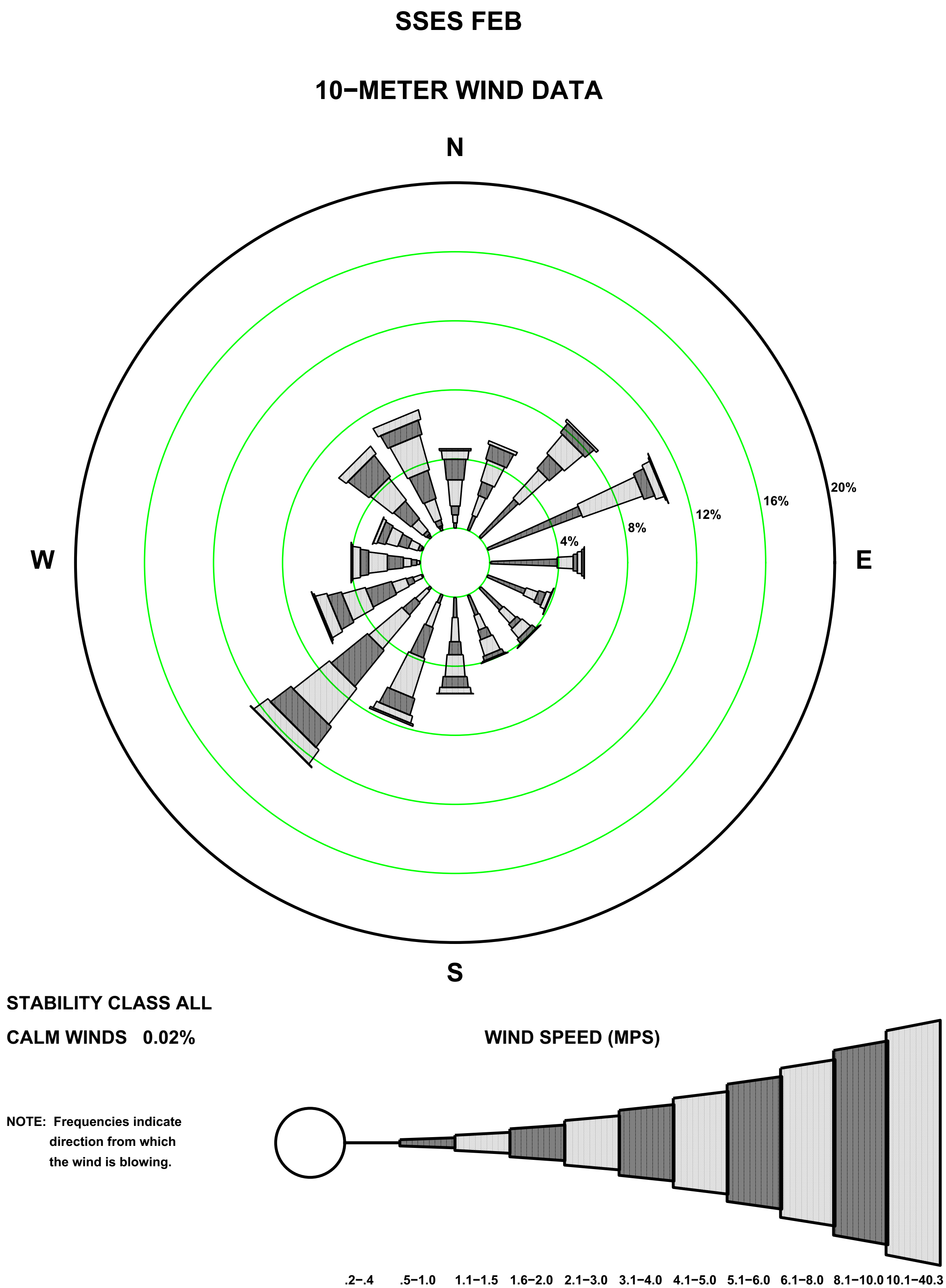


Figure 2.3-12— {BBNPP 33' (10-m) March Wind Rose}

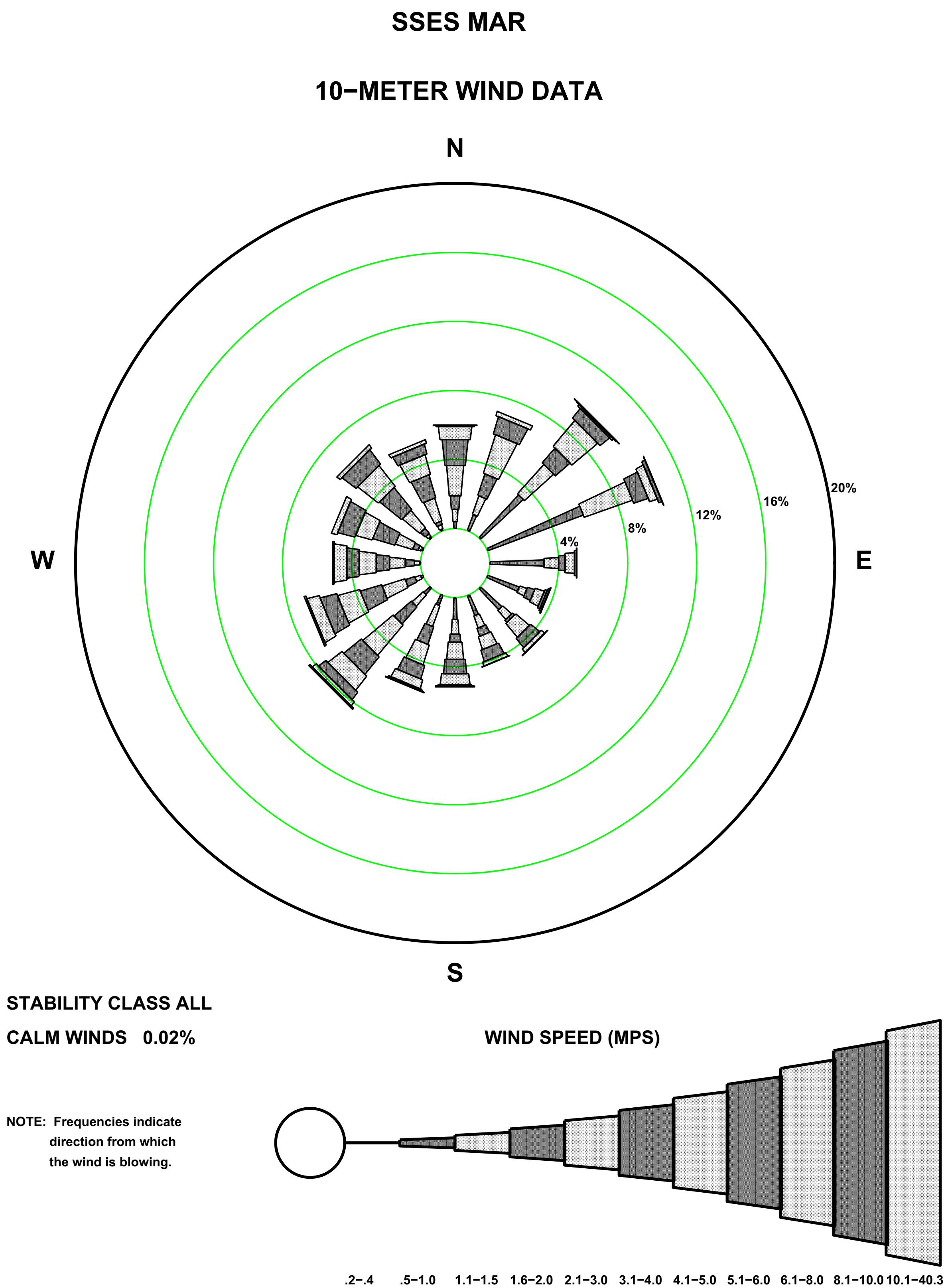


Figure 2.3-13— {BBNPP 33' (10-m) April Wind Rose}

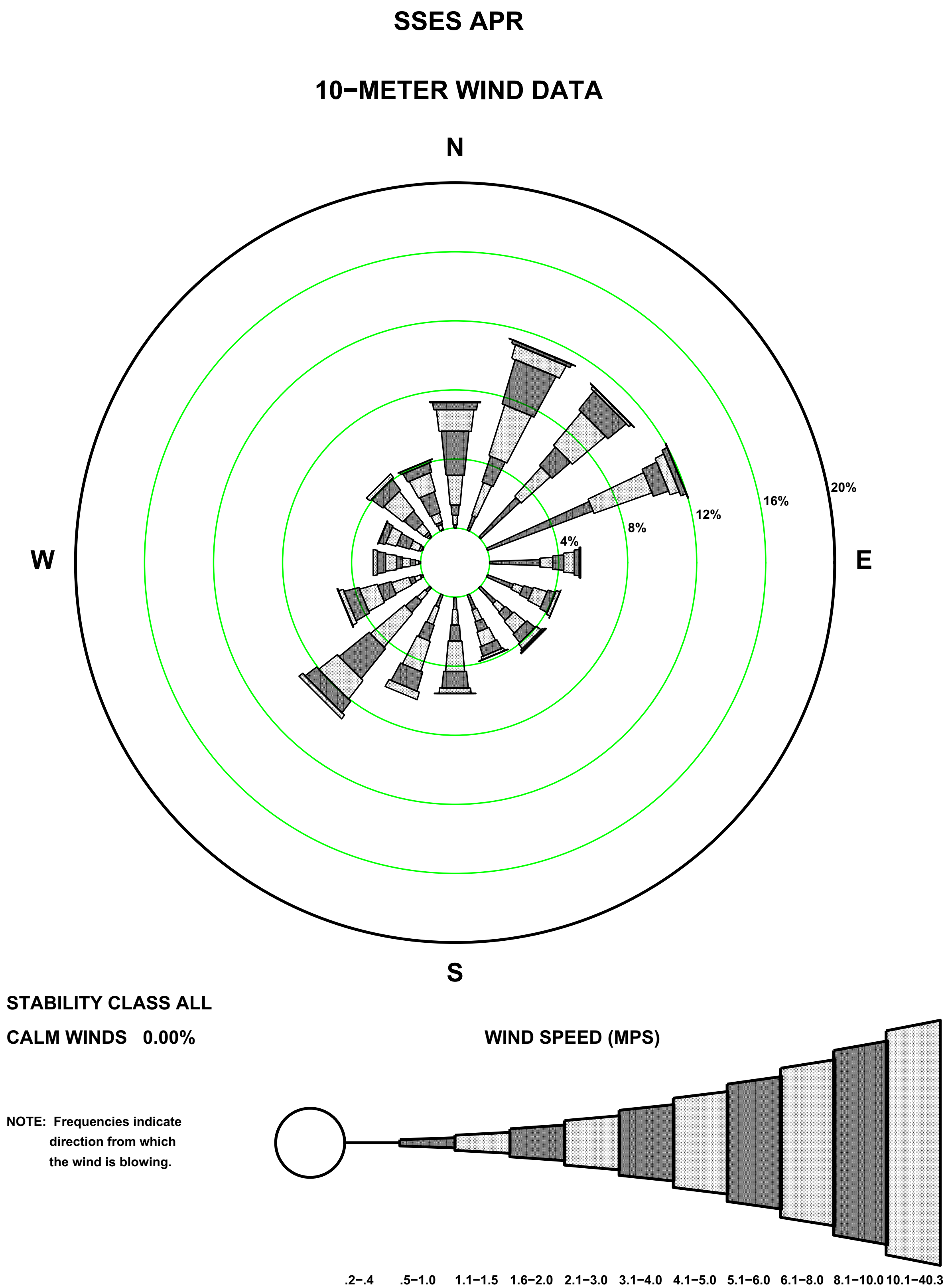


Figure 2.3-14— {BBNPP 33' (10-m) May Wind Rose}

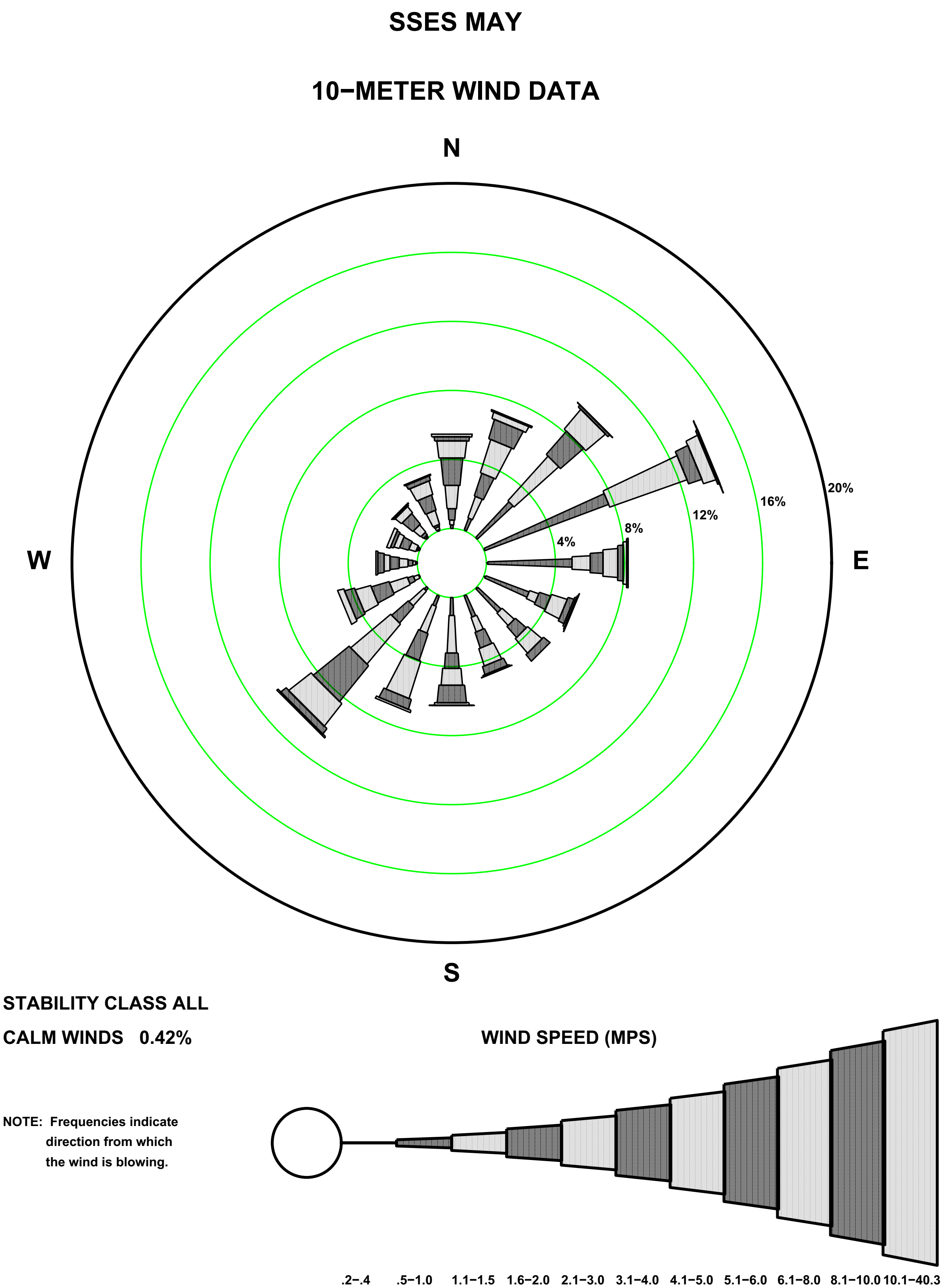


Figure 2.3-15— {BBNPP 33' (10-m) June Wind Rose}

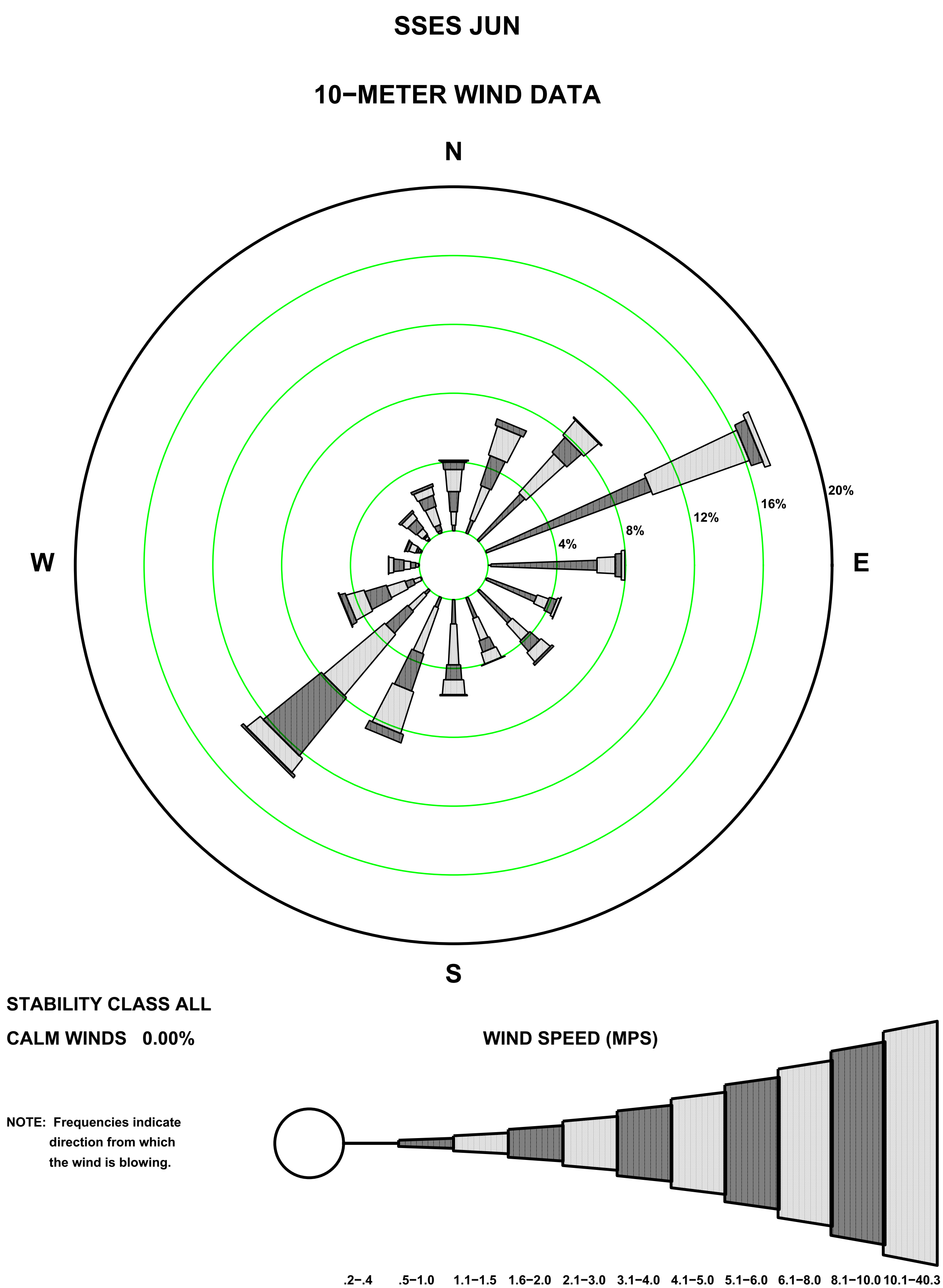


Figure 2.3-16— {BBNPP 33' (10-m) July Wind Rose}

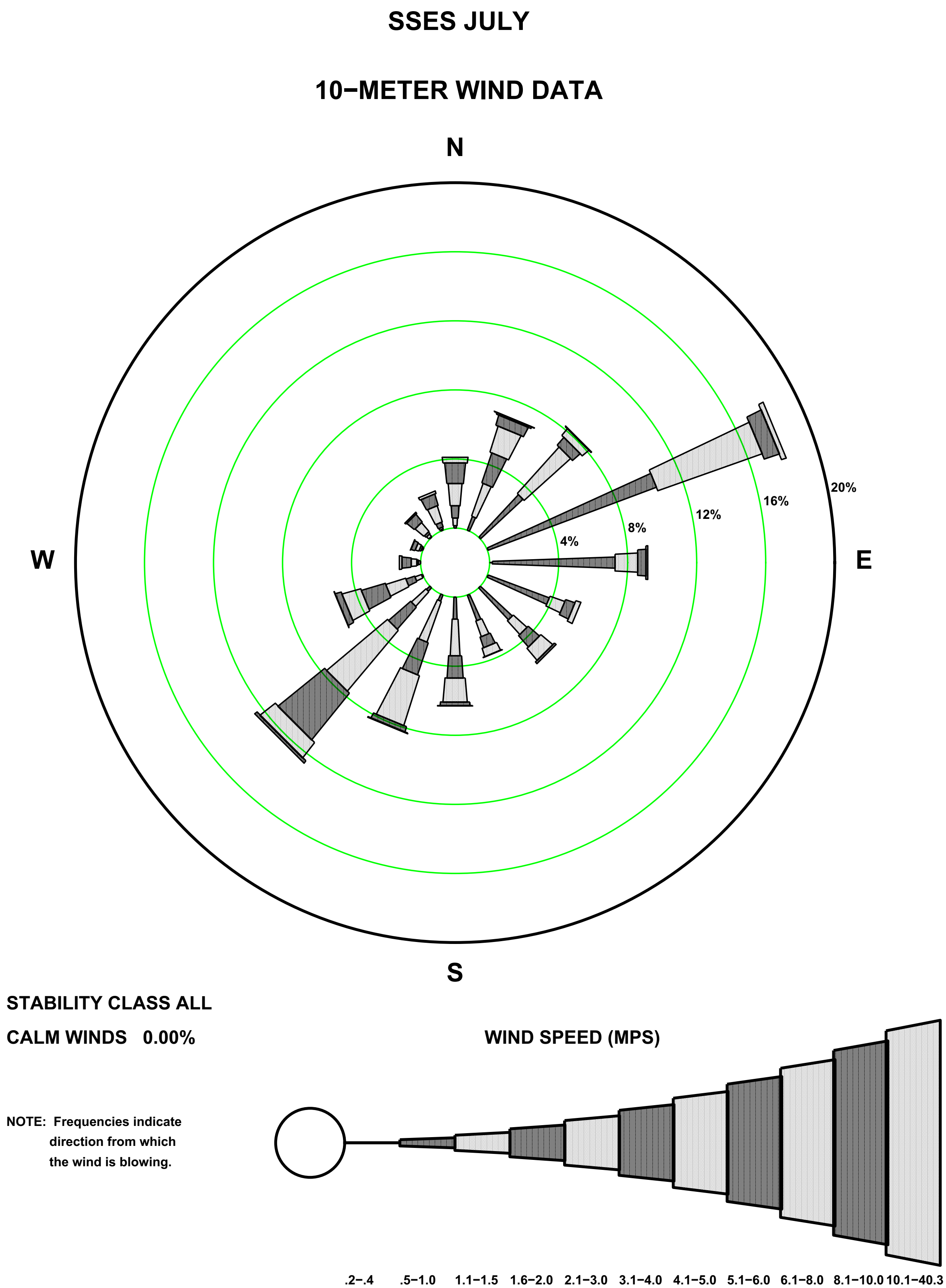


Figure 2.3-17— {BBNPP 33' (10-m) August Wind Rose}

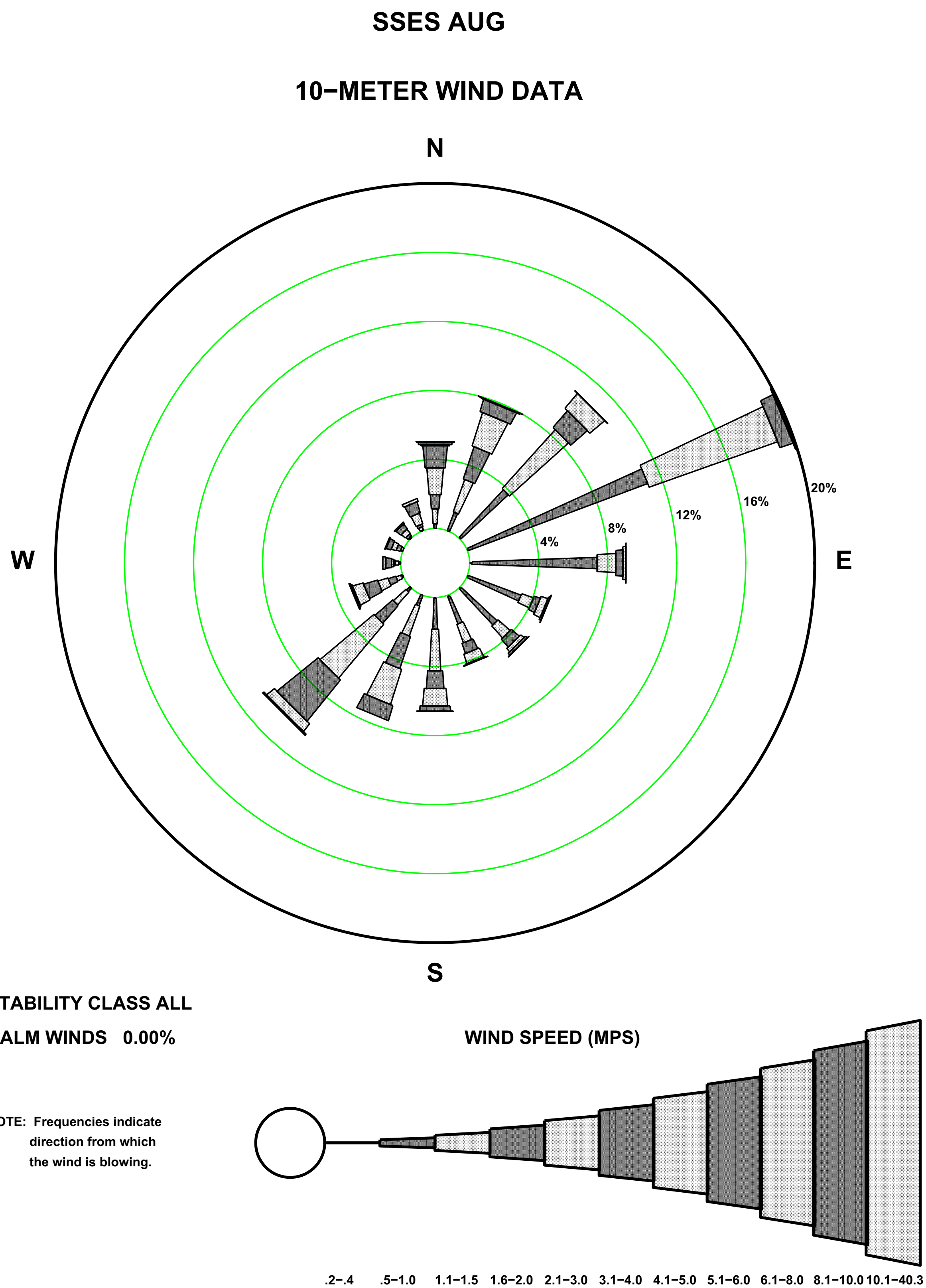


Figure 2.3-18— {BBNPP 33' (10-m) September Wind Rose}

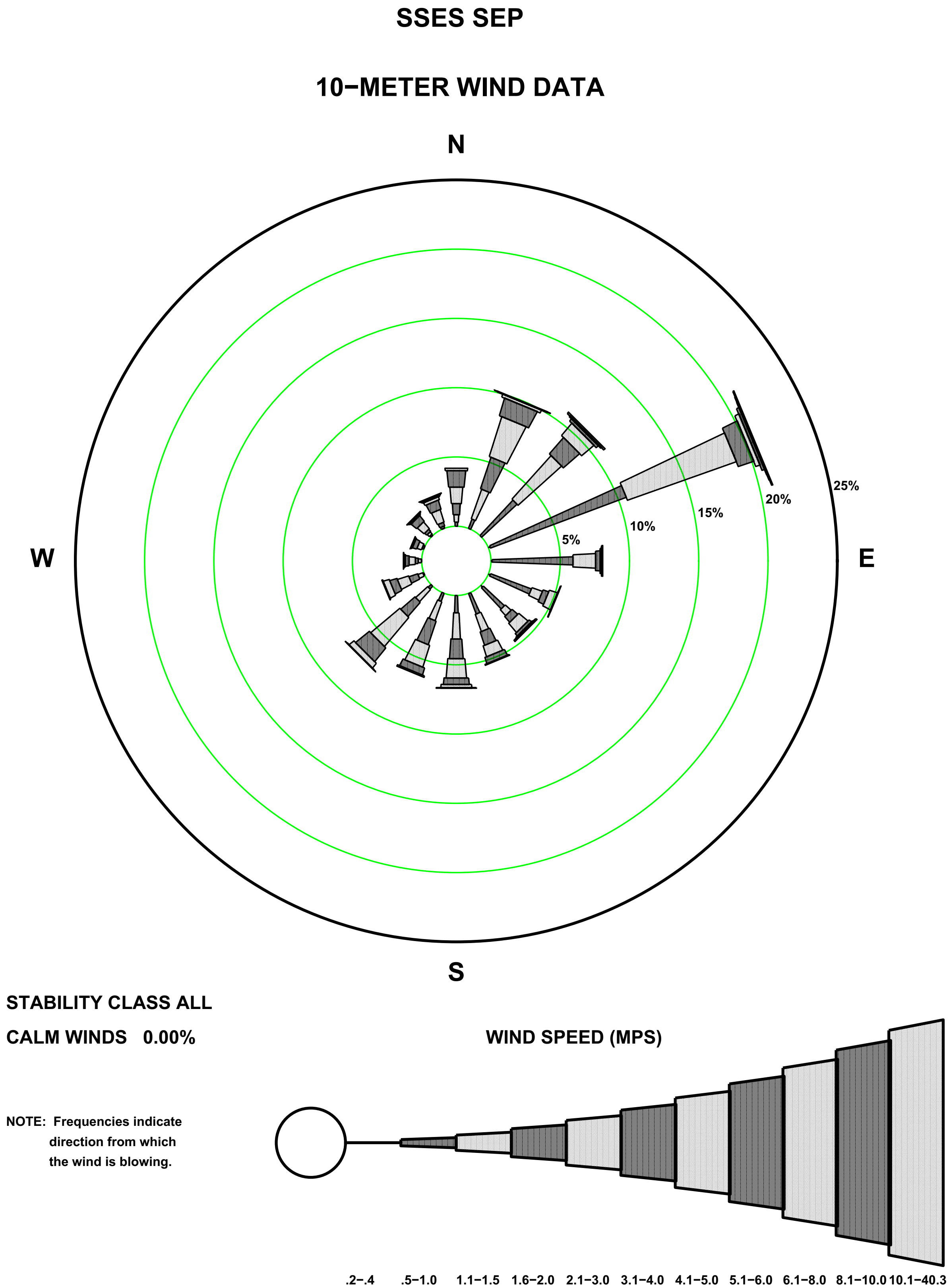


Figure 2.3-19— {BBNPP 33' (10-m) October Wind Rose}

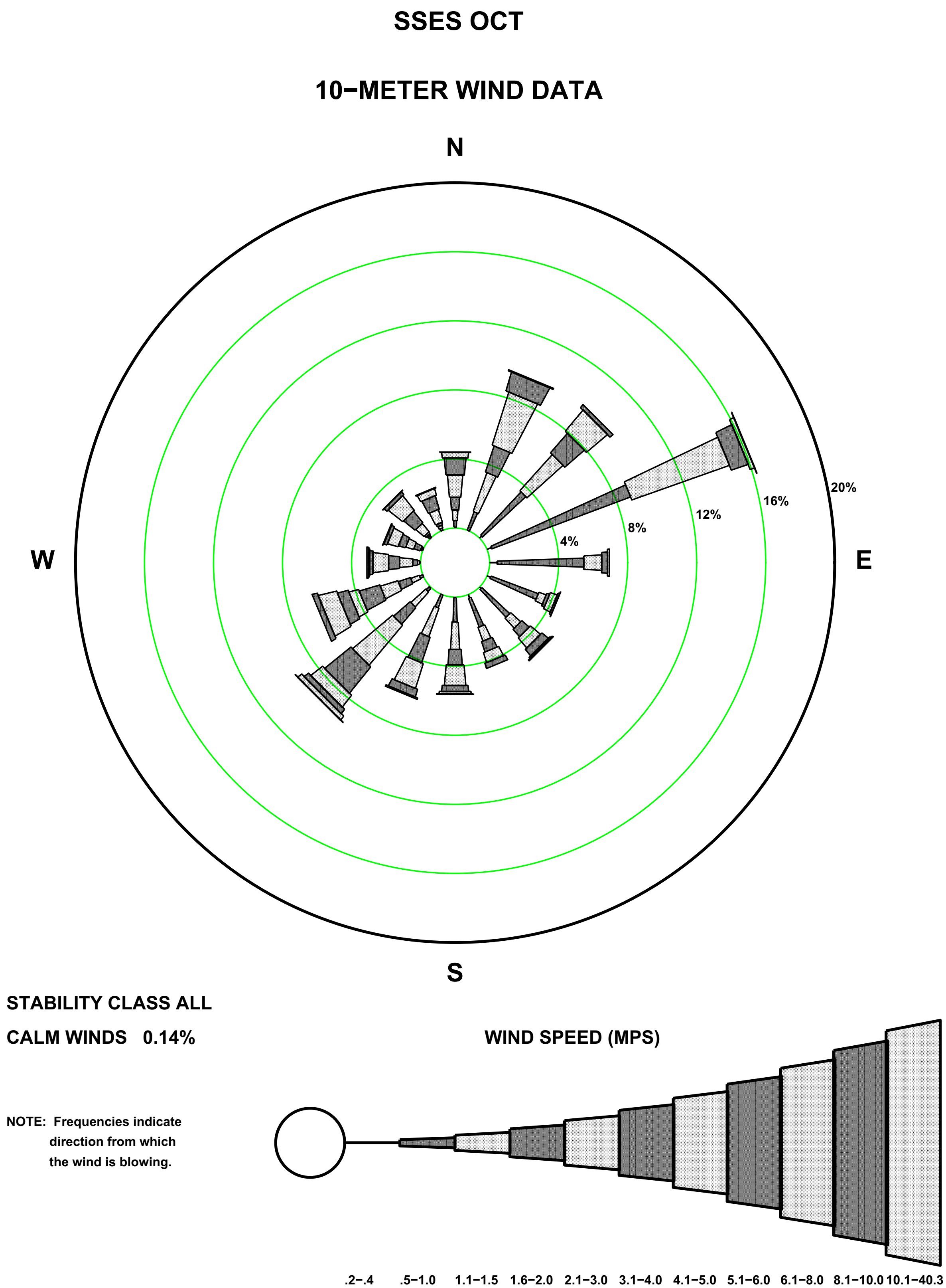


Figure 2.3-20— {BBNPP 33' (10-m) November Wind Rose}

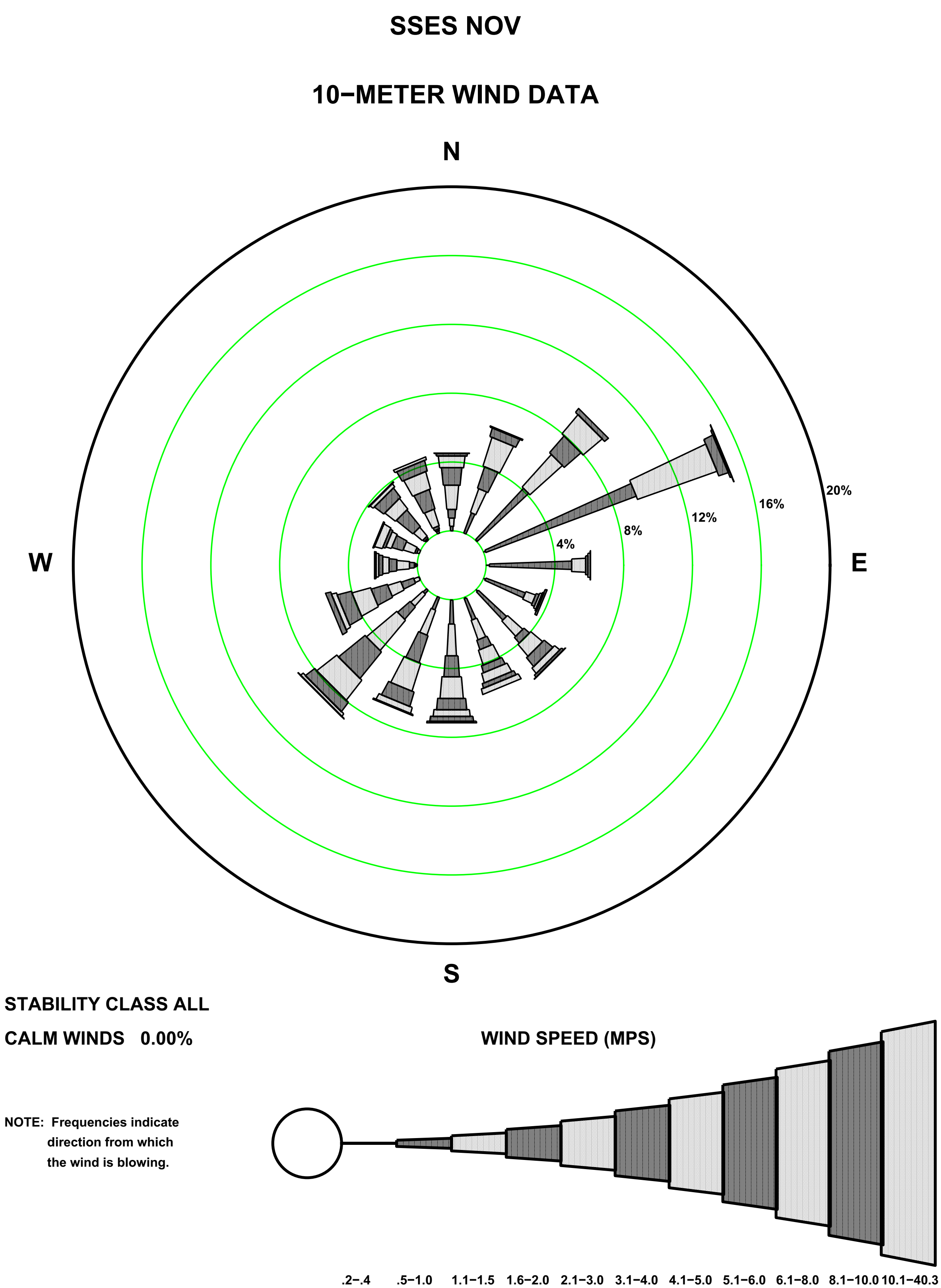


Figure 2.3-21— {BBNPP 33' (10-m) December Wind Rose}

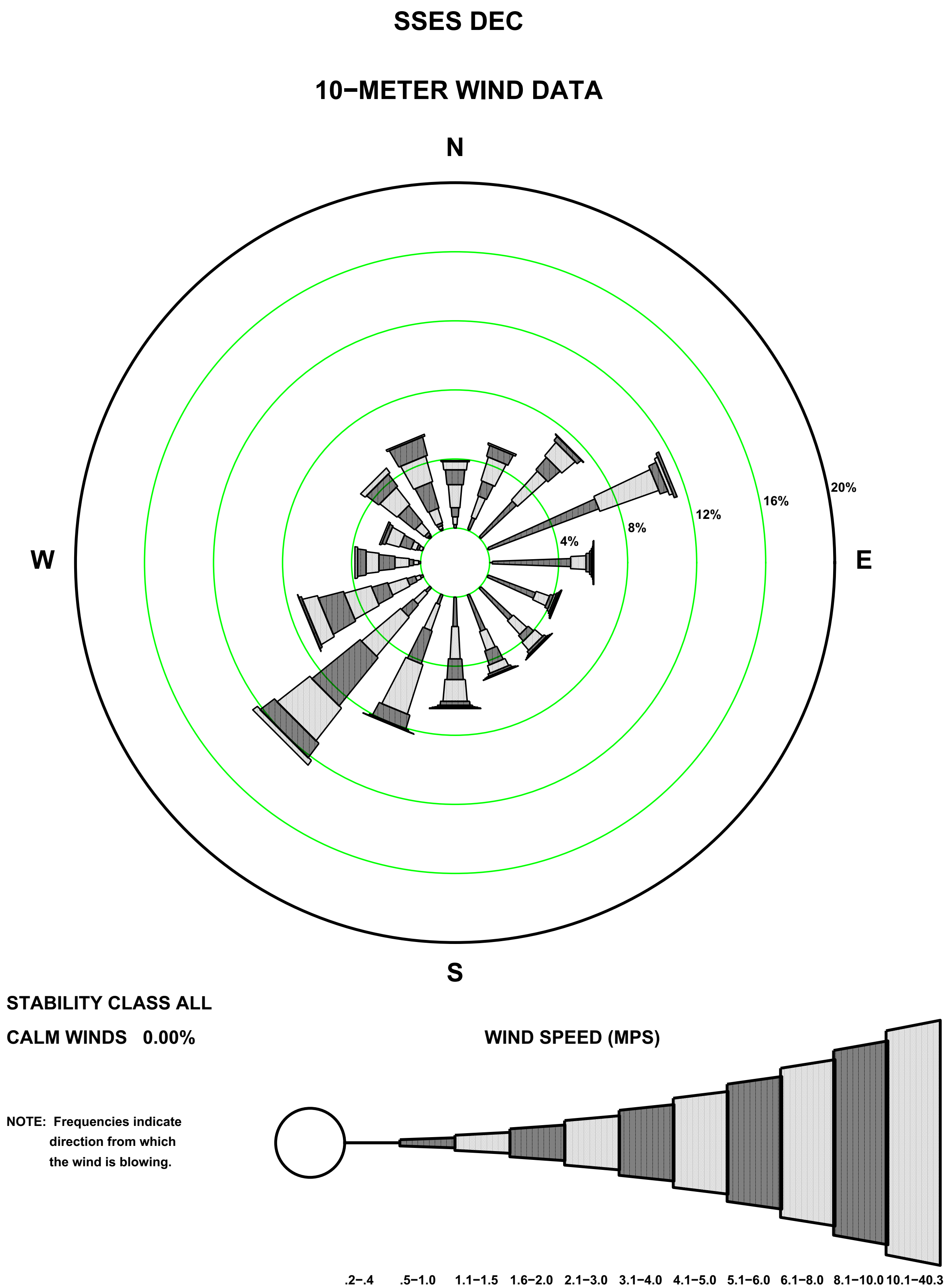


Figure 2.3-22— {BBNPP 197' (60-m) January Wind Rose}

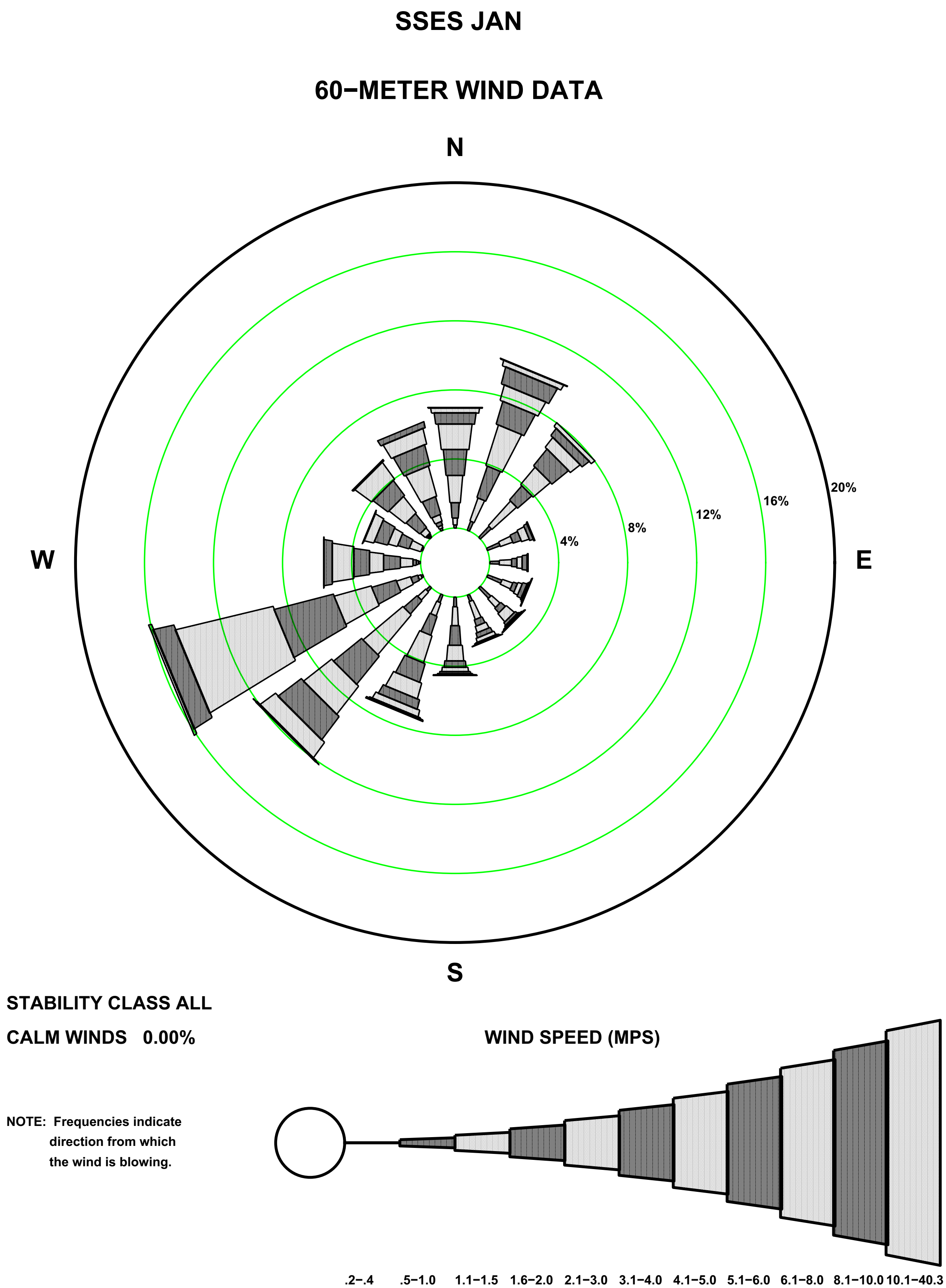


Figure 2.3-23— {BBNPP 197' (60-m) February Wind Rose}

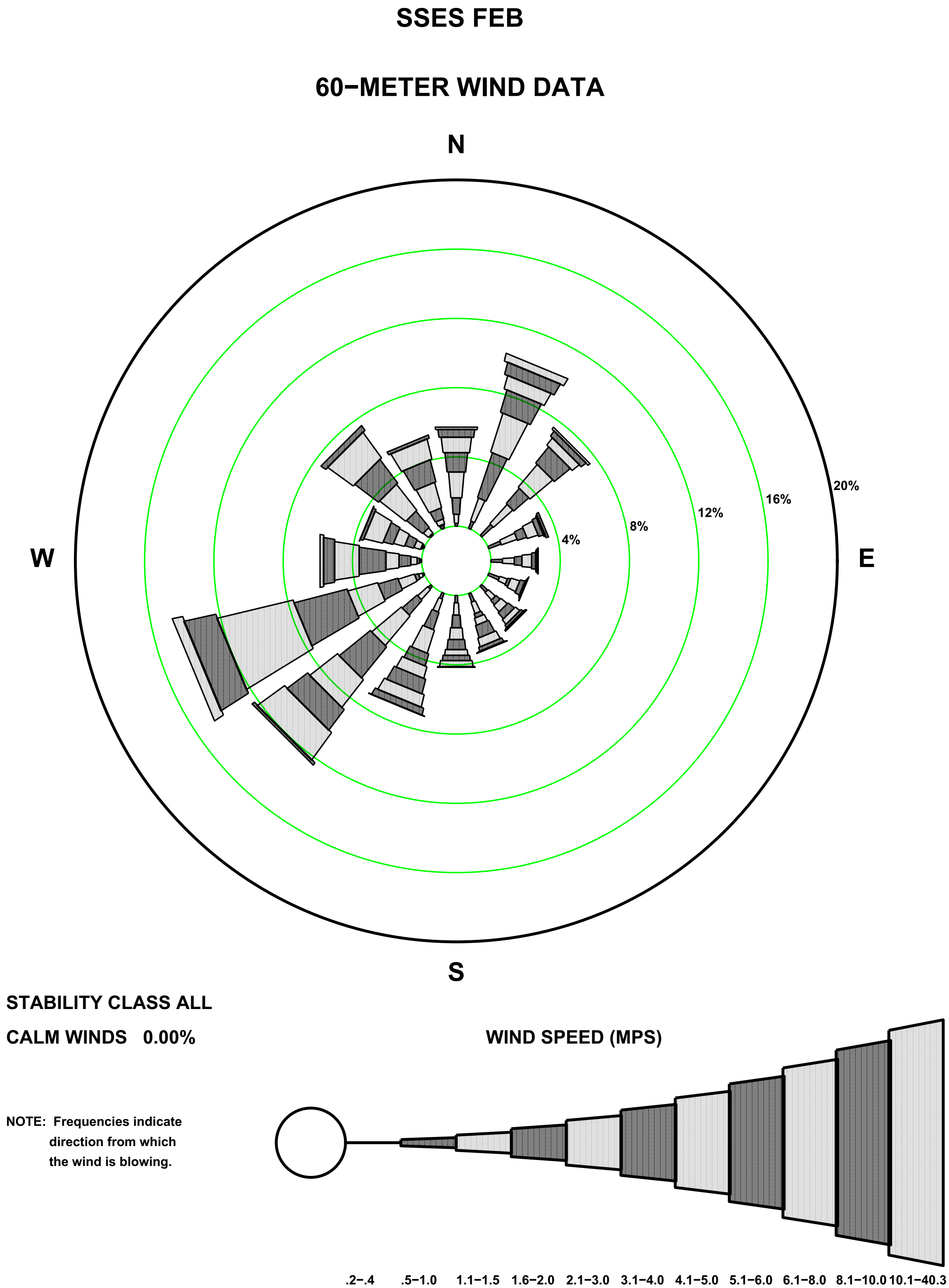


Figure 2.3-24— {BBNPP 197' (60-m) March Wind Rose}

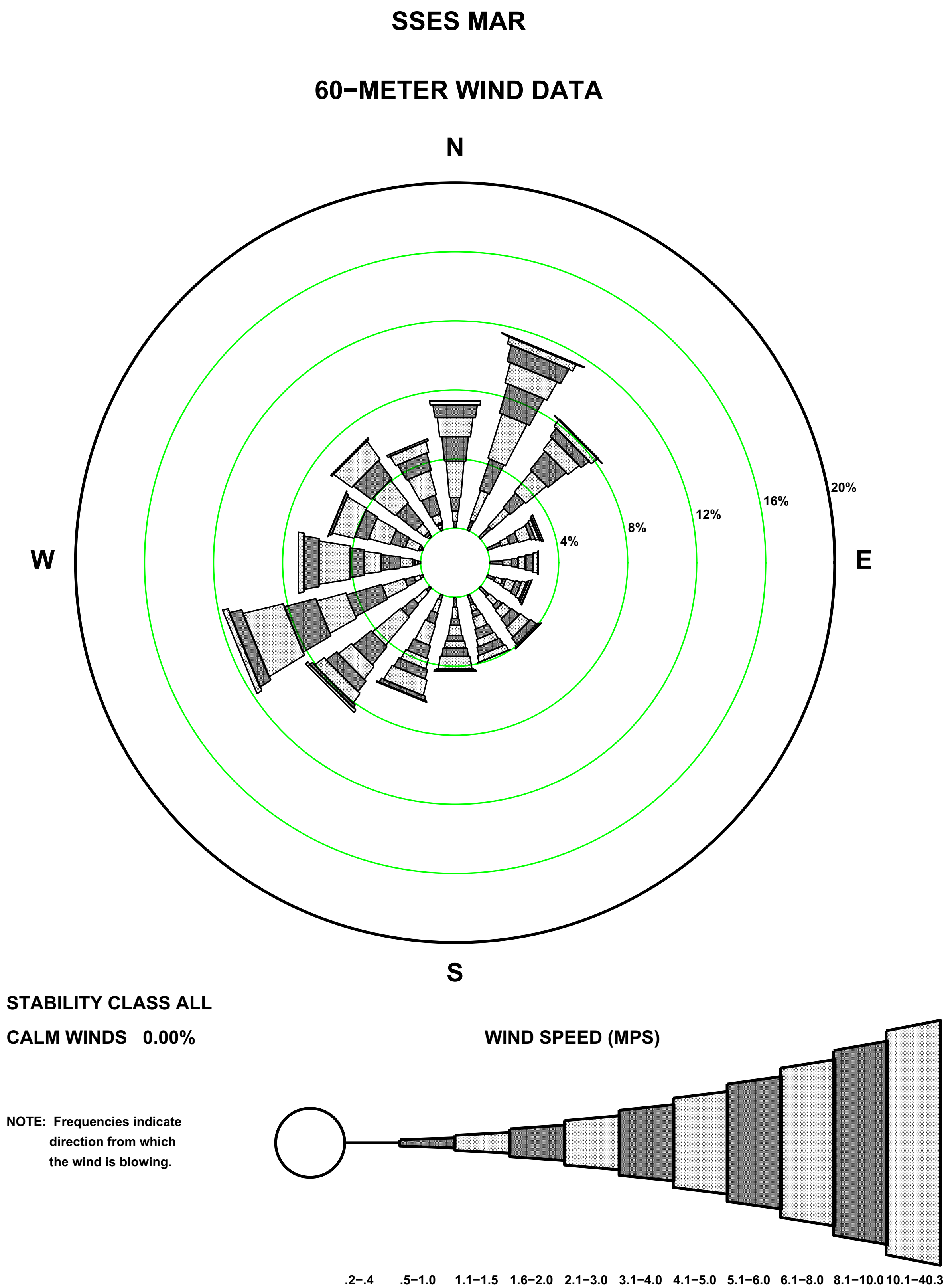


Figure 2.3-25— {BBNPP 197' (60-m) April Wind Rose}

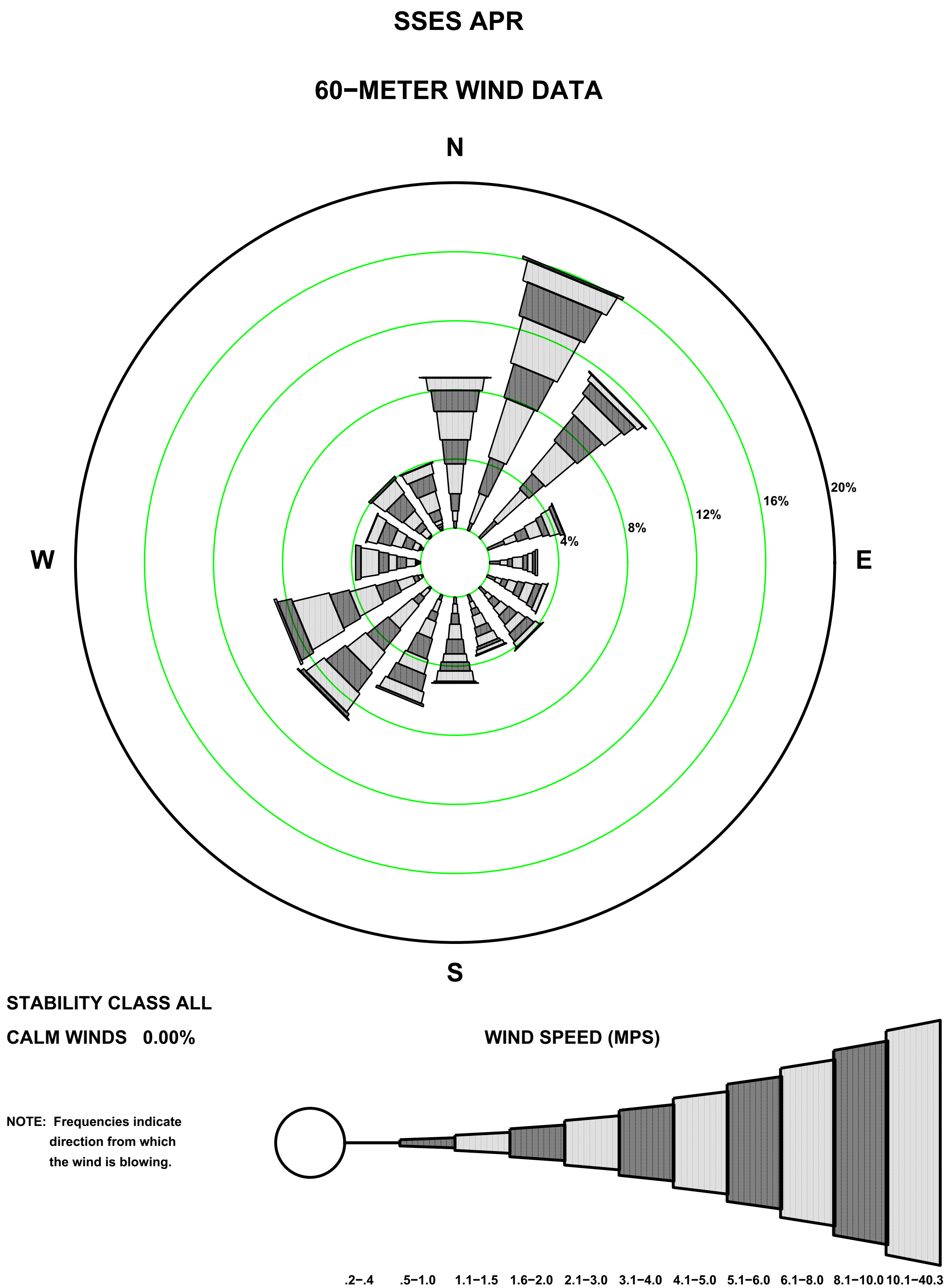


Figure 2.3-26— {BBNPP 197' (60-m) May Wind Rose}

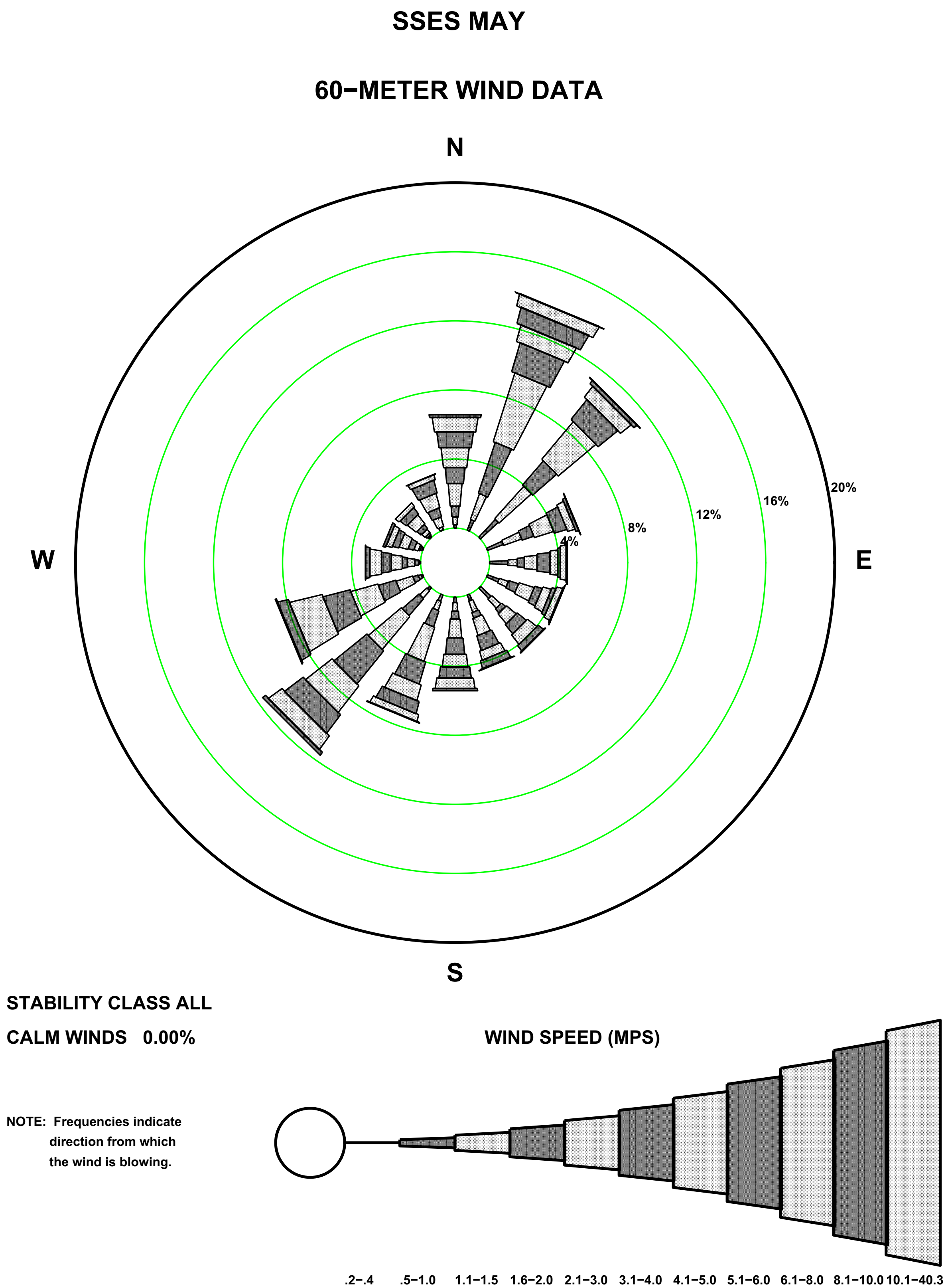


Figure 2.3-27— {BBNPP 197' (60-m) June Wind Rose}

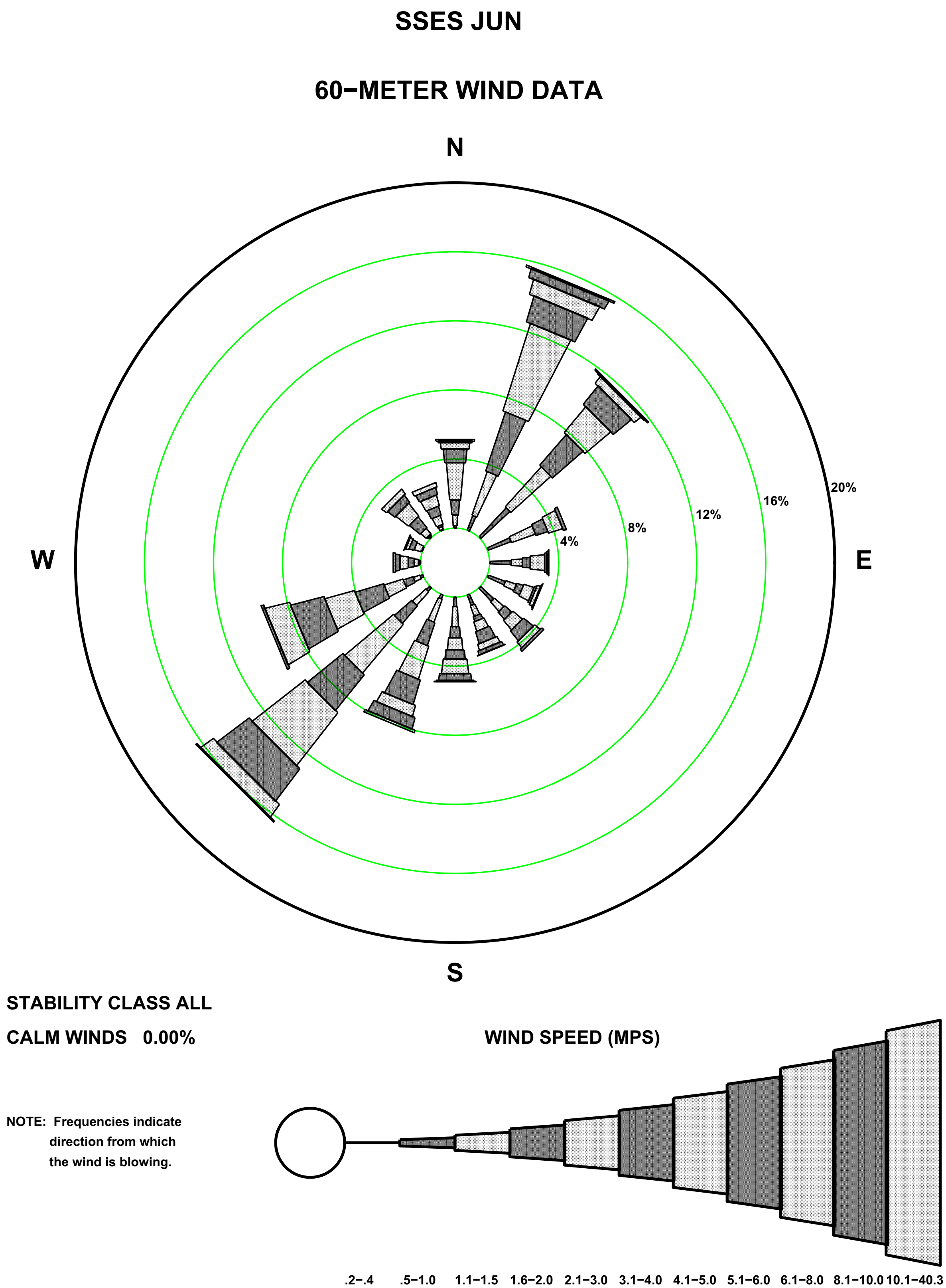


Figure 2.3-28— {BBNPP 197' (60-m) July Wind Rose}

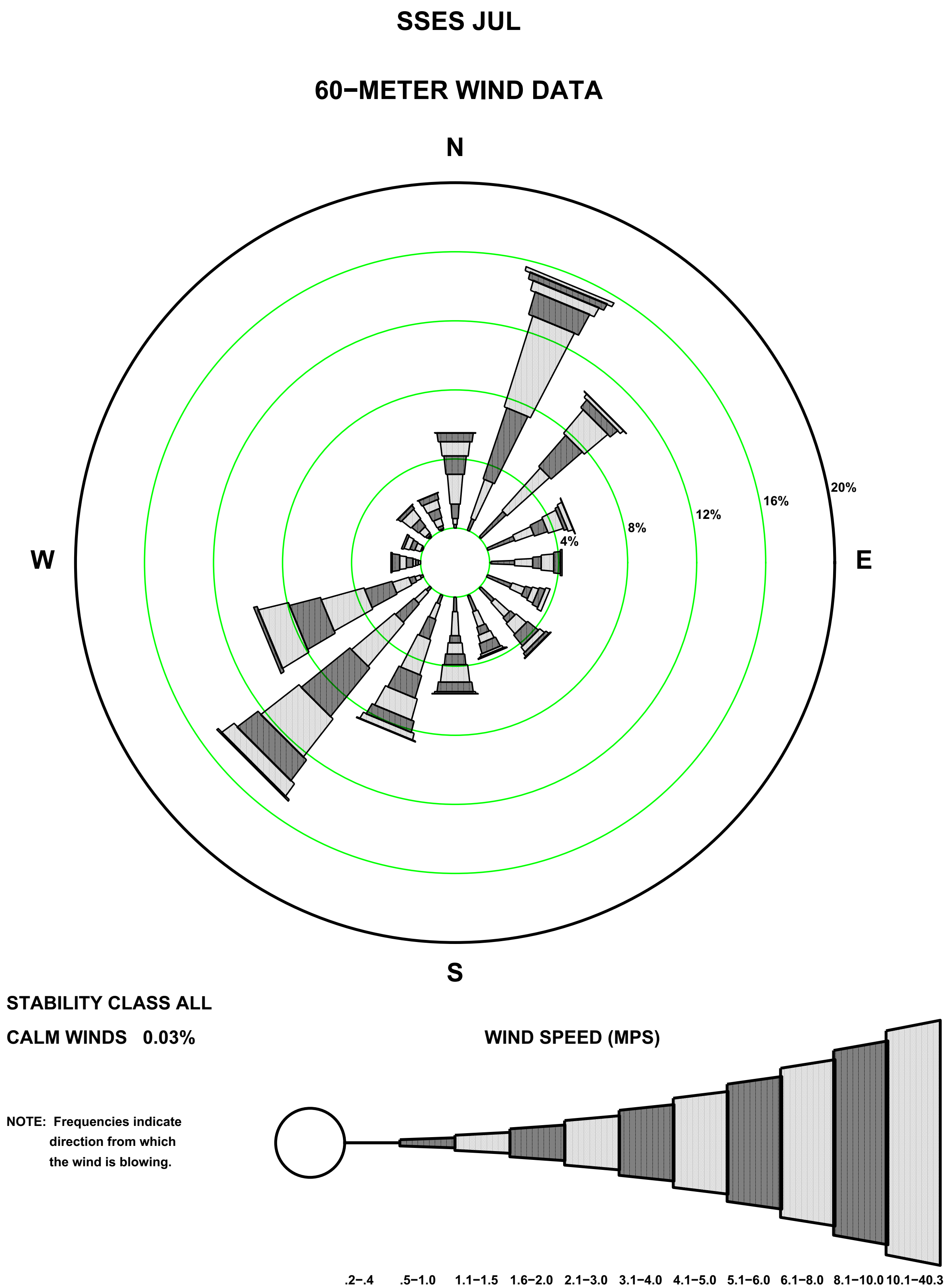


Figure 2.3-29— {BBNPP 197' (60-m) August Wind Rose}

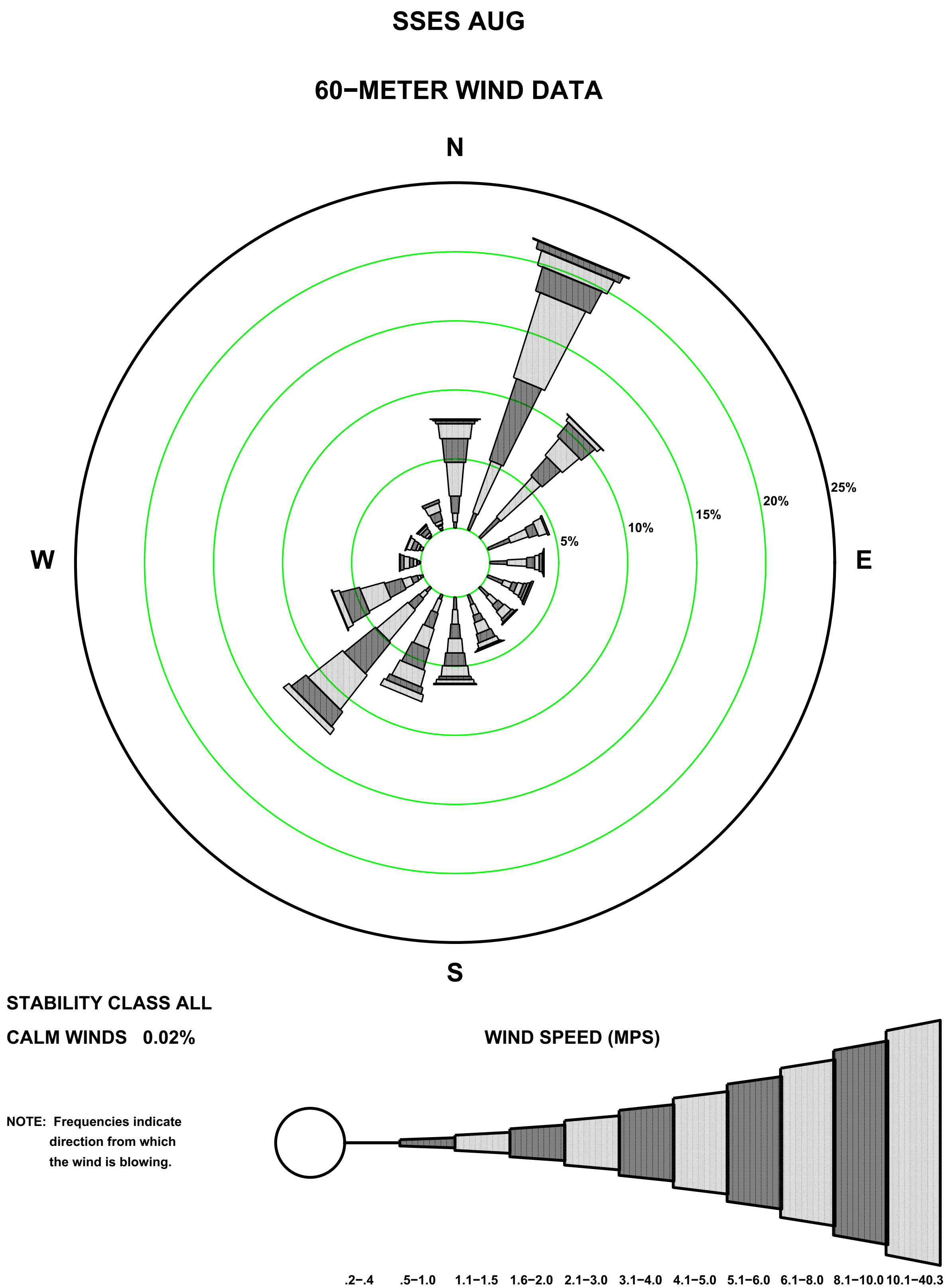


Figure 2.3-30— {BBNPP 197' (60-m) September Wind Rose}

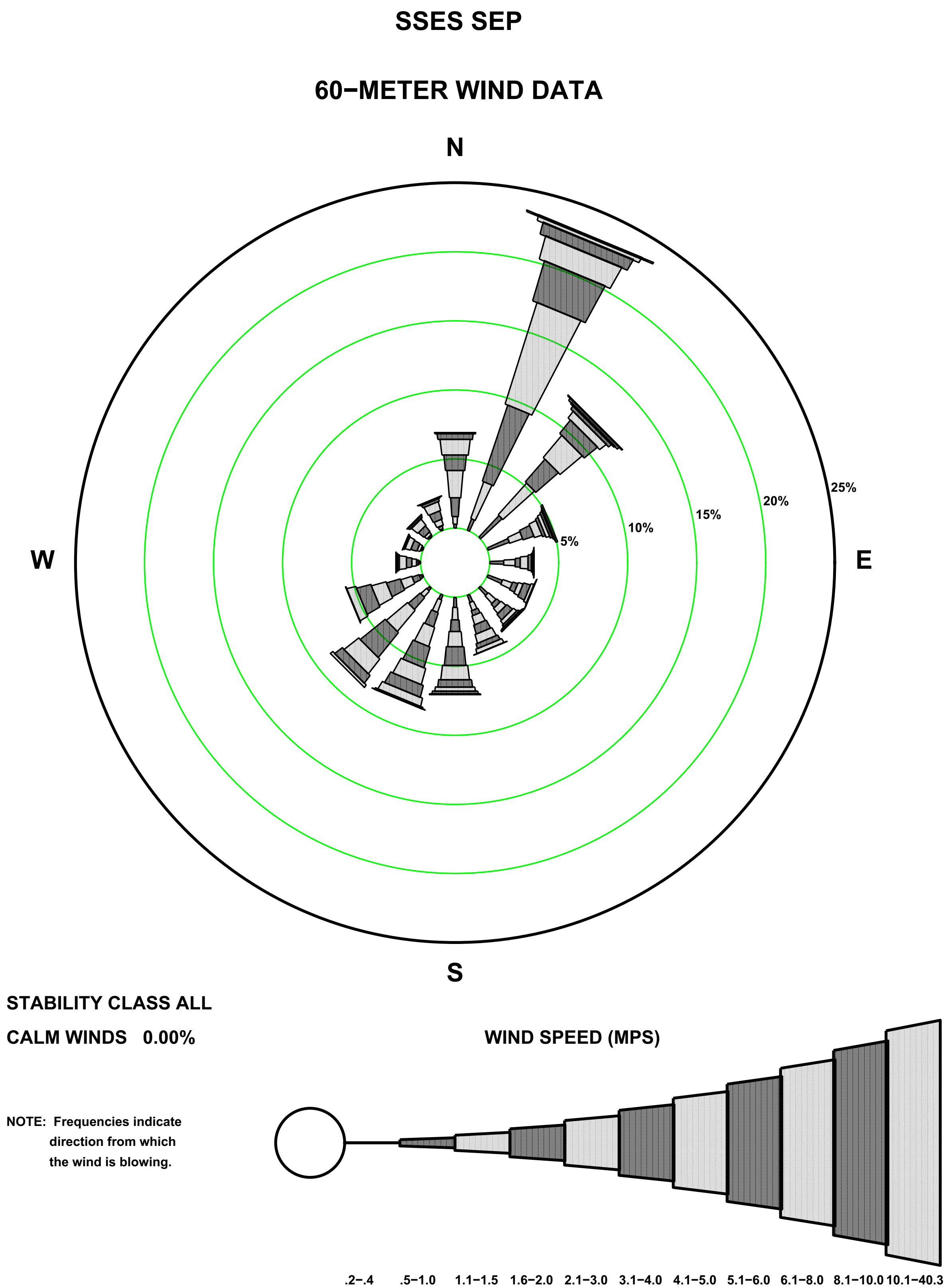


Figure 2.3-31— {BBNPP 197' (60-m) October Wind Rose}

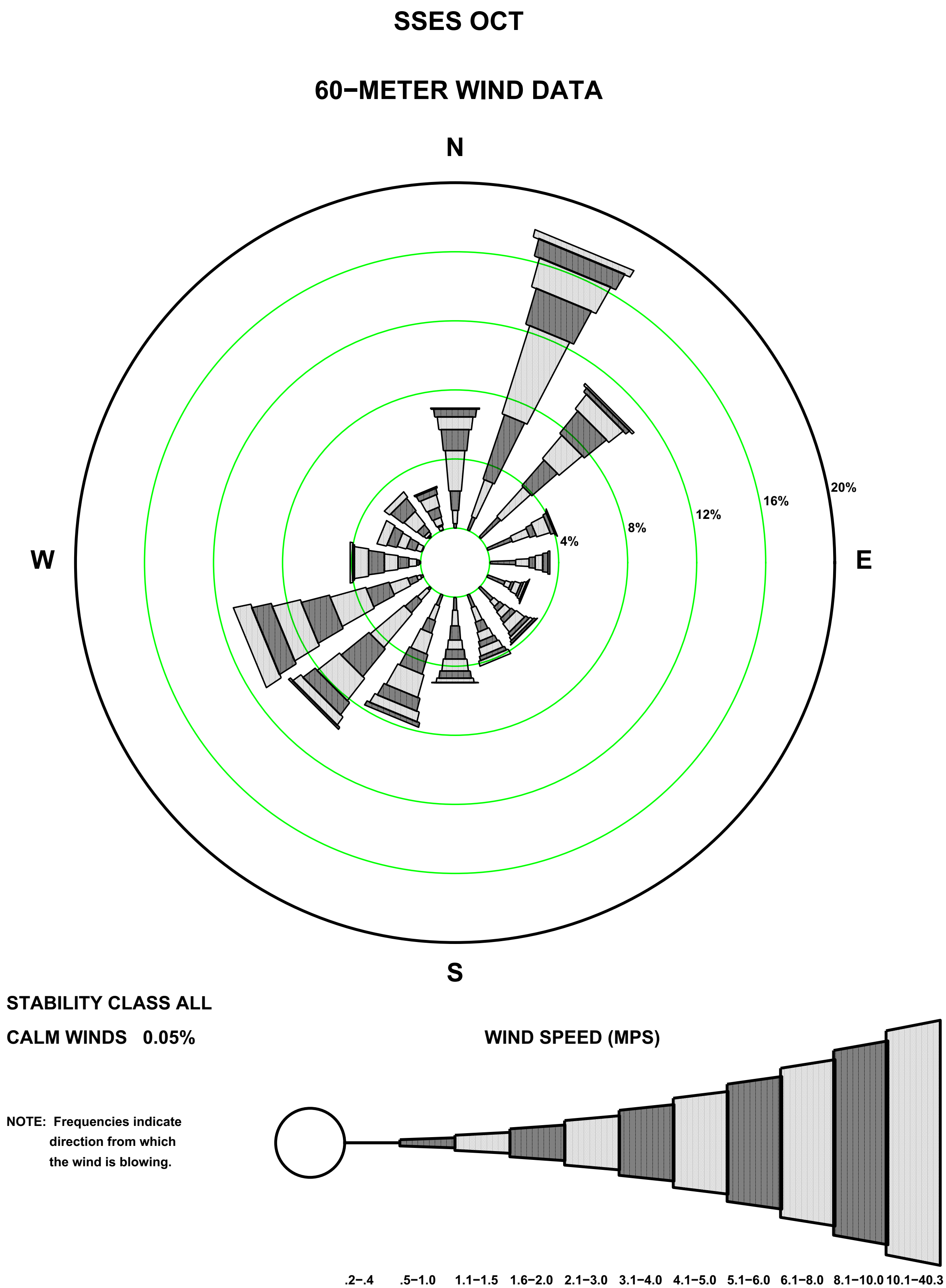


Figure 2.3-32— {BBNPP 197' (60-m) November Wind Rose}

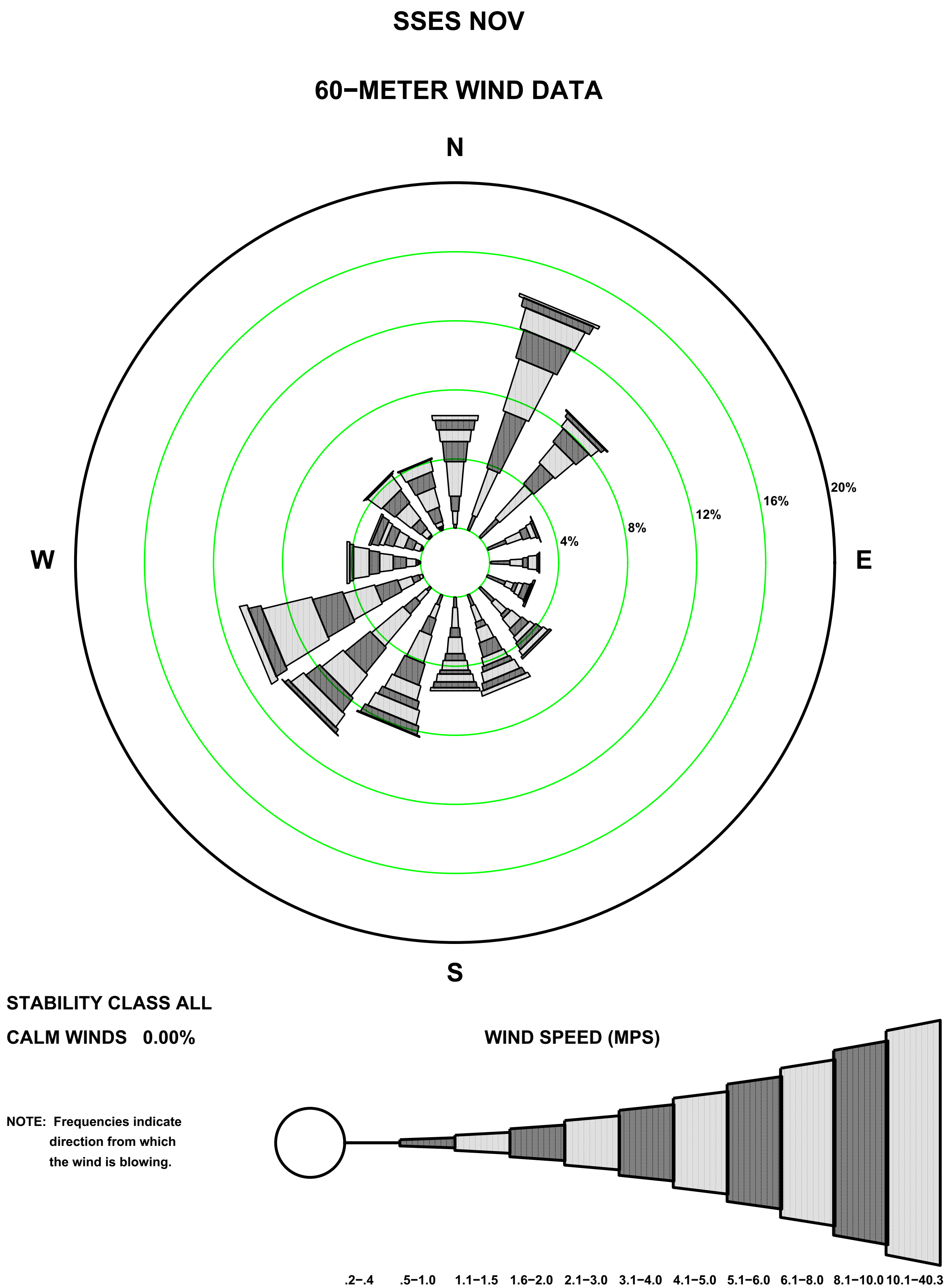
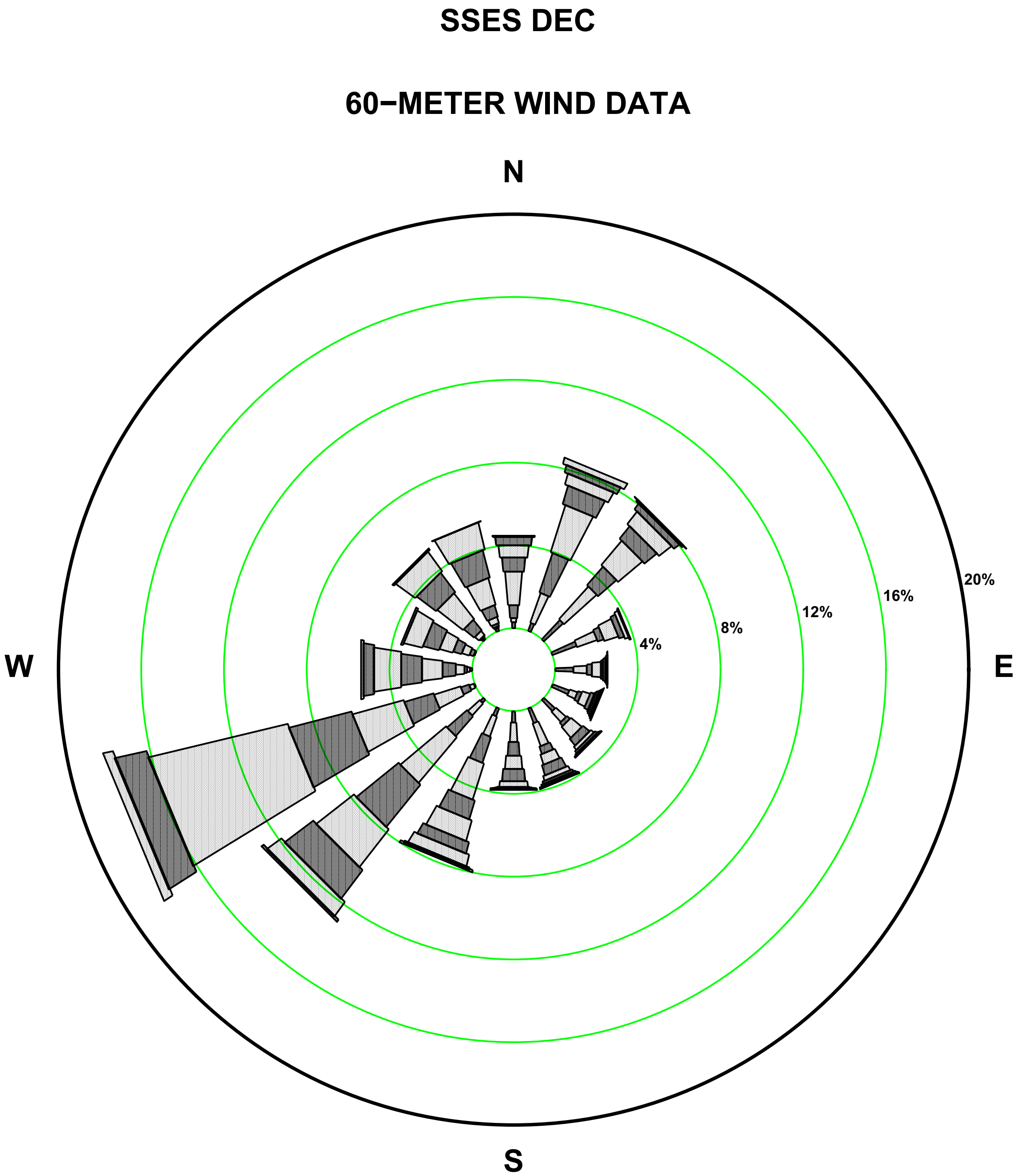


Figure 2.3-33— {BBNPP 197' (60-m) December Wind Rose}



STABILITY CLASS ALL

CALM WINDS 0.00%

NOTE: Frequencies indicate direction from which the wind is blowing.

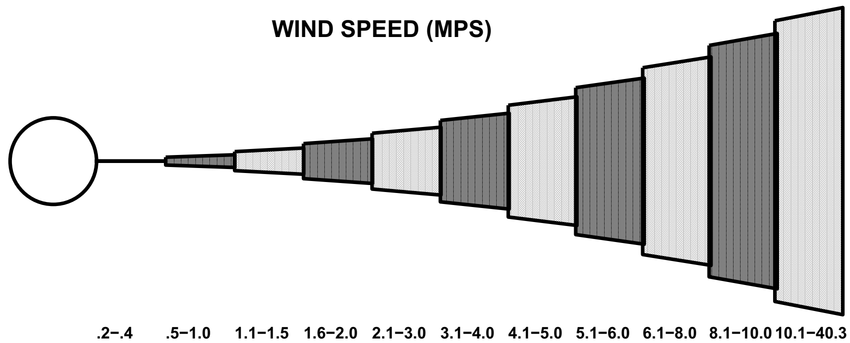


Figure 2.3-34— {Wilkes-Barre/Scranton, Pennsylvania, Wind Rose}

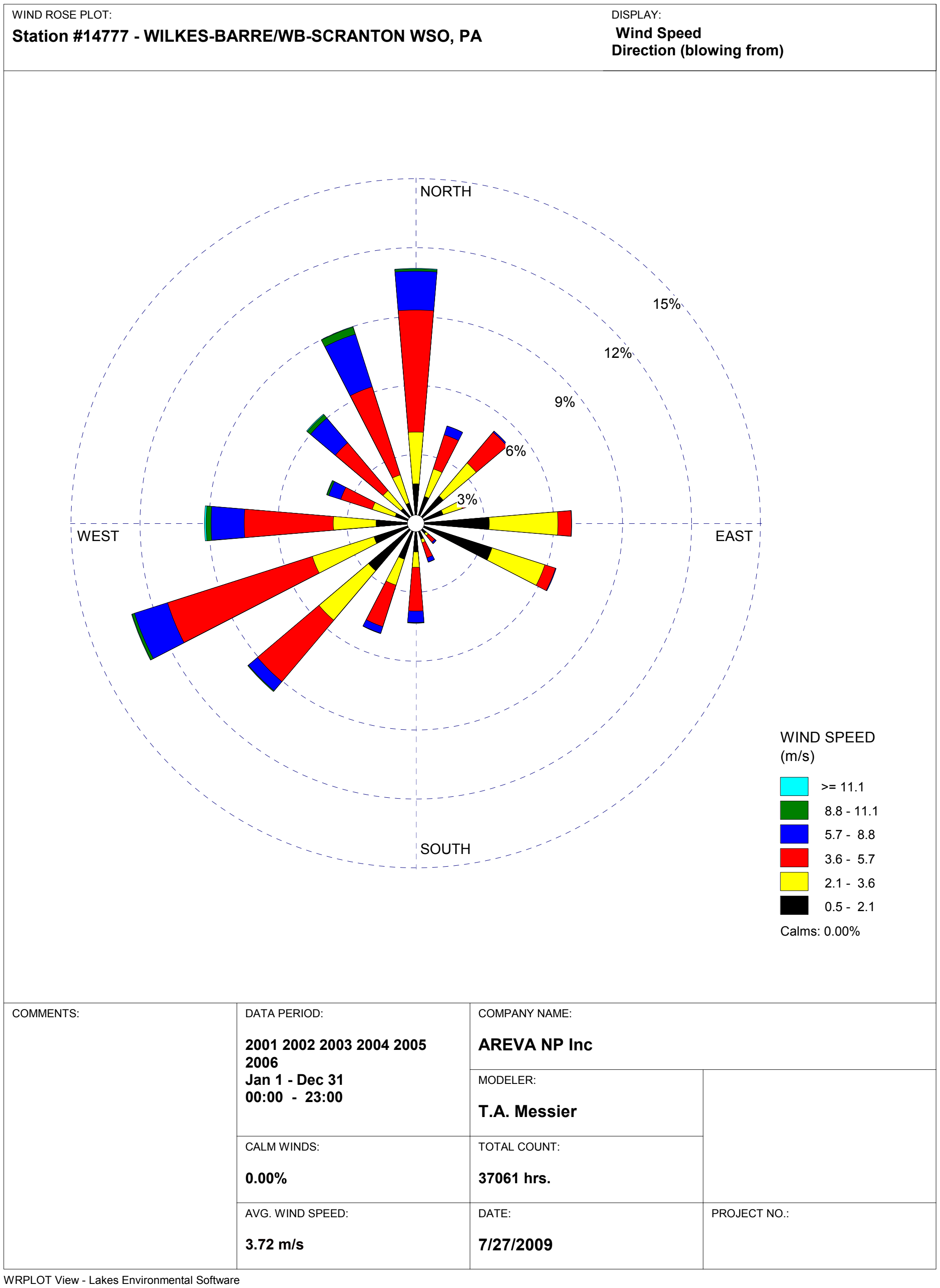
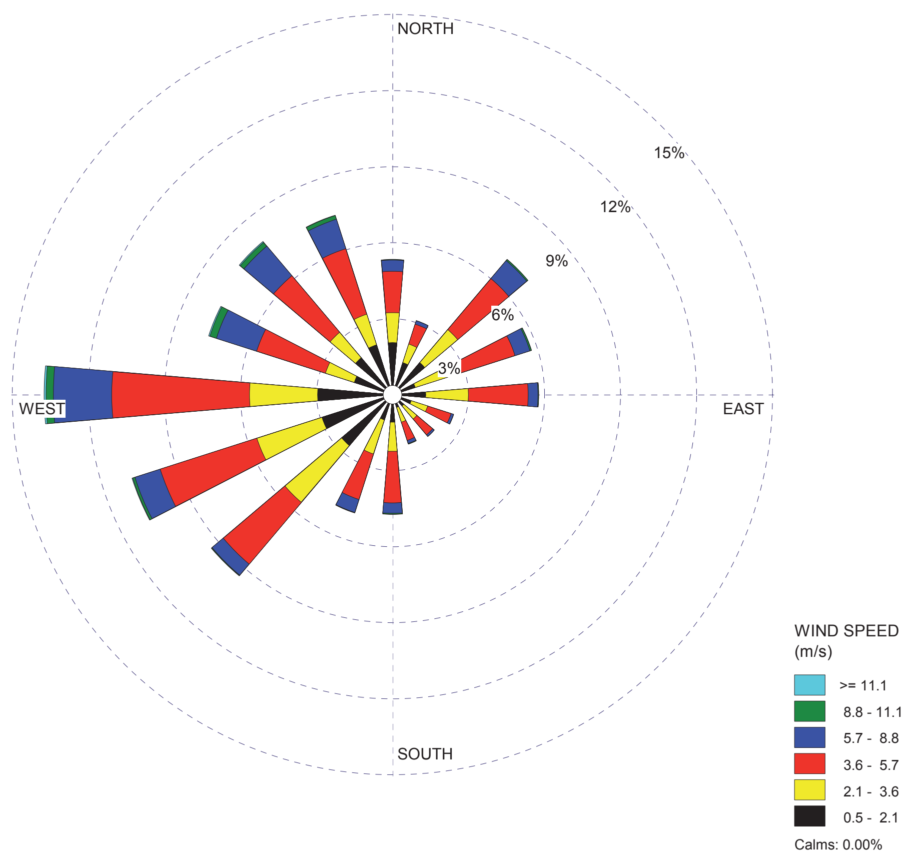


Figure 2.3-35— {Allentown, Pennsylvania, Wind Rose}

WIND ROSE PLOT:
Station #14737 - ALLENTOWN/BETLEHEM-EASTON ARP, PA

DISPLAY:
Wind Speed
Direction (blowing from)



COMMENTS:	DATA PERIOD:	COMPANY NAME:	
	2001 2002 2003 2004 2005 2006 **Jan 1 - Dec 31** **00:00 - 23:00**	**AREVA NP Inc**	
		MODELER: **T.A. Messier**	
	CALM WINDS: **0.00%**	TOTAL COUNT: **41136 hrs.**	
	AVG. WIND SPEED: **3.79 m/s**	DATE: **7/27/2009**	PROJECT NO.:

WRPLOT View - Lakes Environmental Software

Figure 2.3-36— {Williamsport, Pennsylvania, Wind Rose}

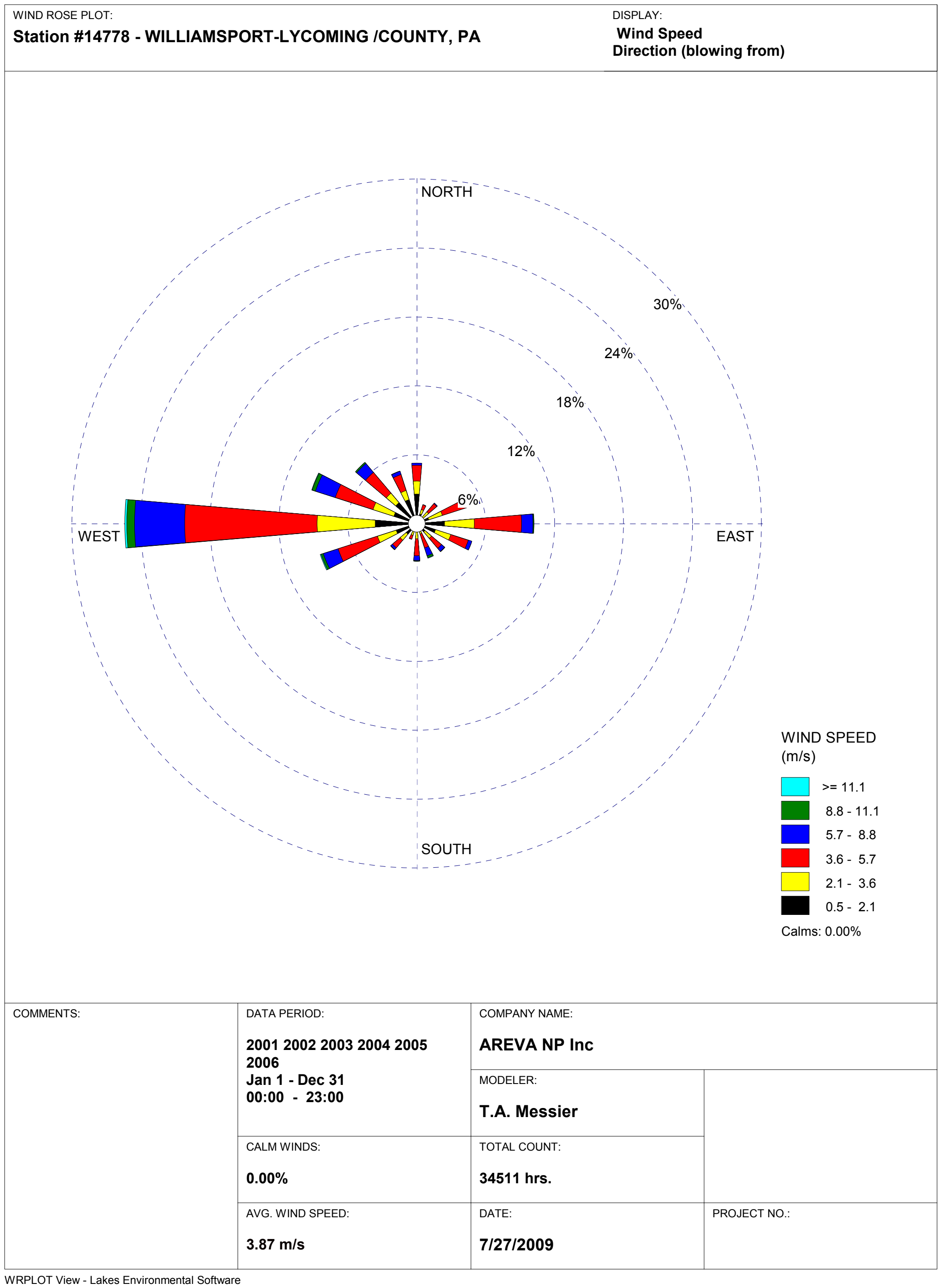


Figure 2.3-37— {BBNPP 33' (10-m) Annual Precipitation Wind Rose}

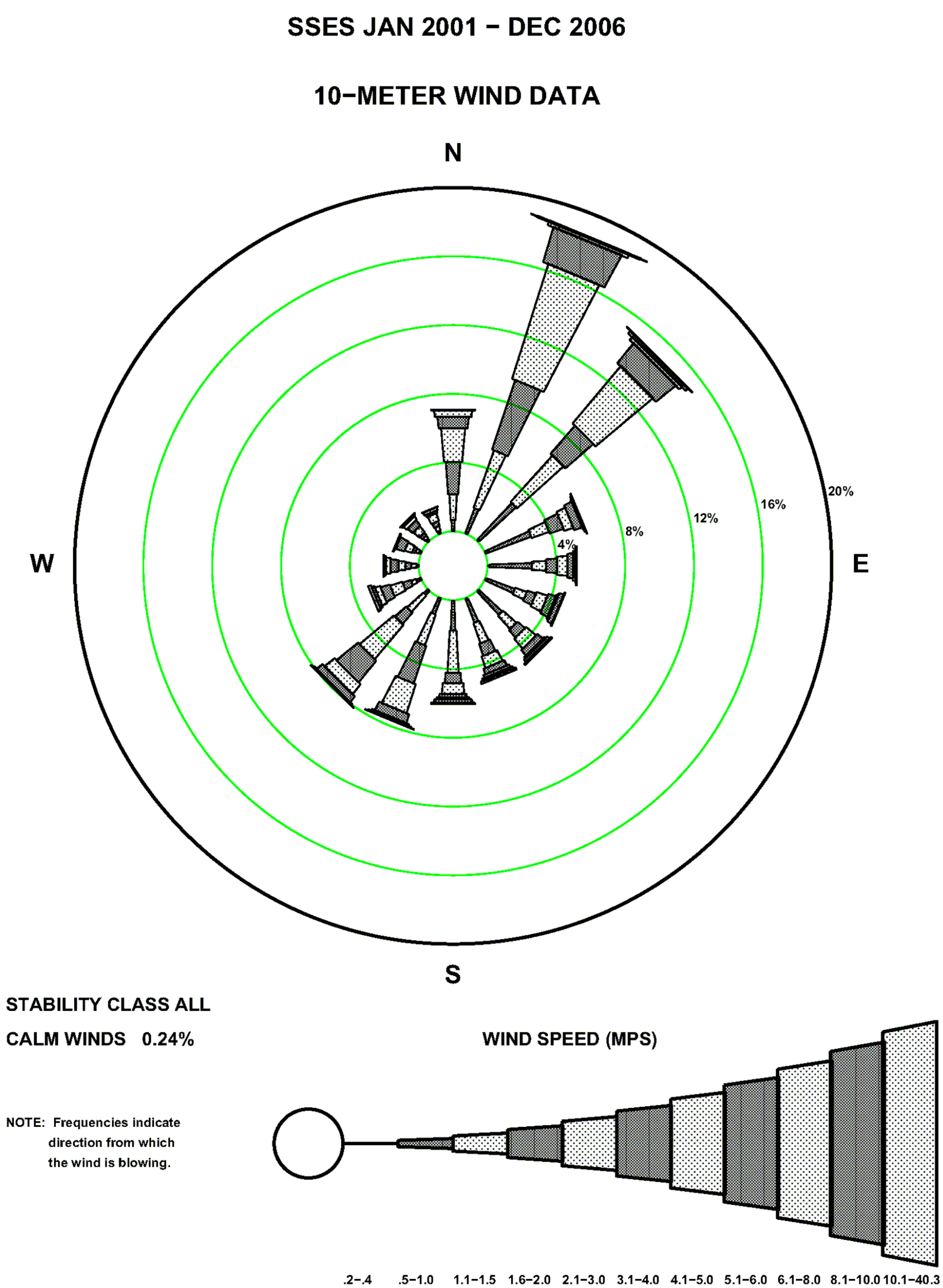


Figure 2.3-38— {BBNPP 197' (60-m) Annual Precipitation Wind Rose}

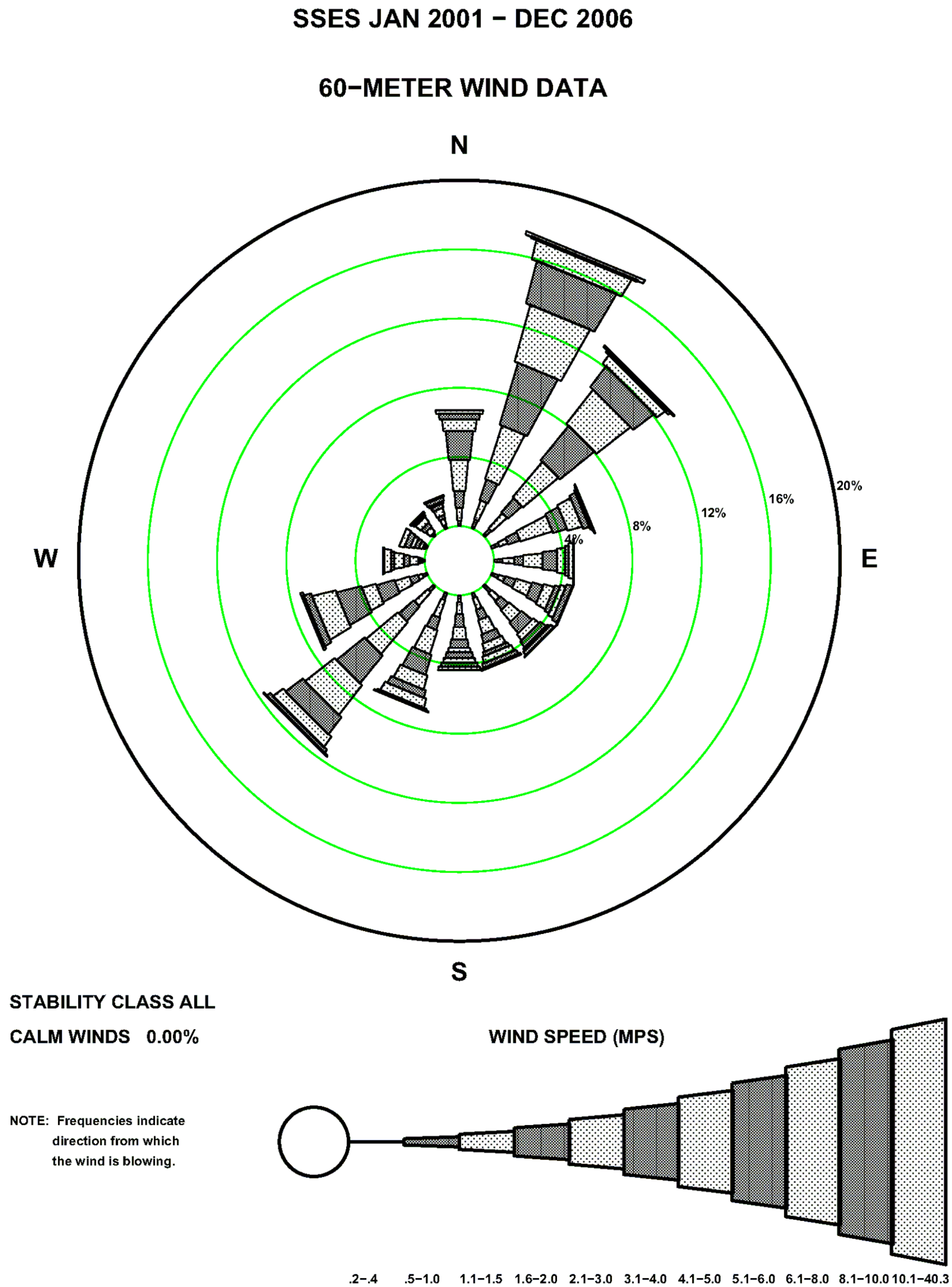


Figure 2.3-39— {BBNPP 33' (10-m) January Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

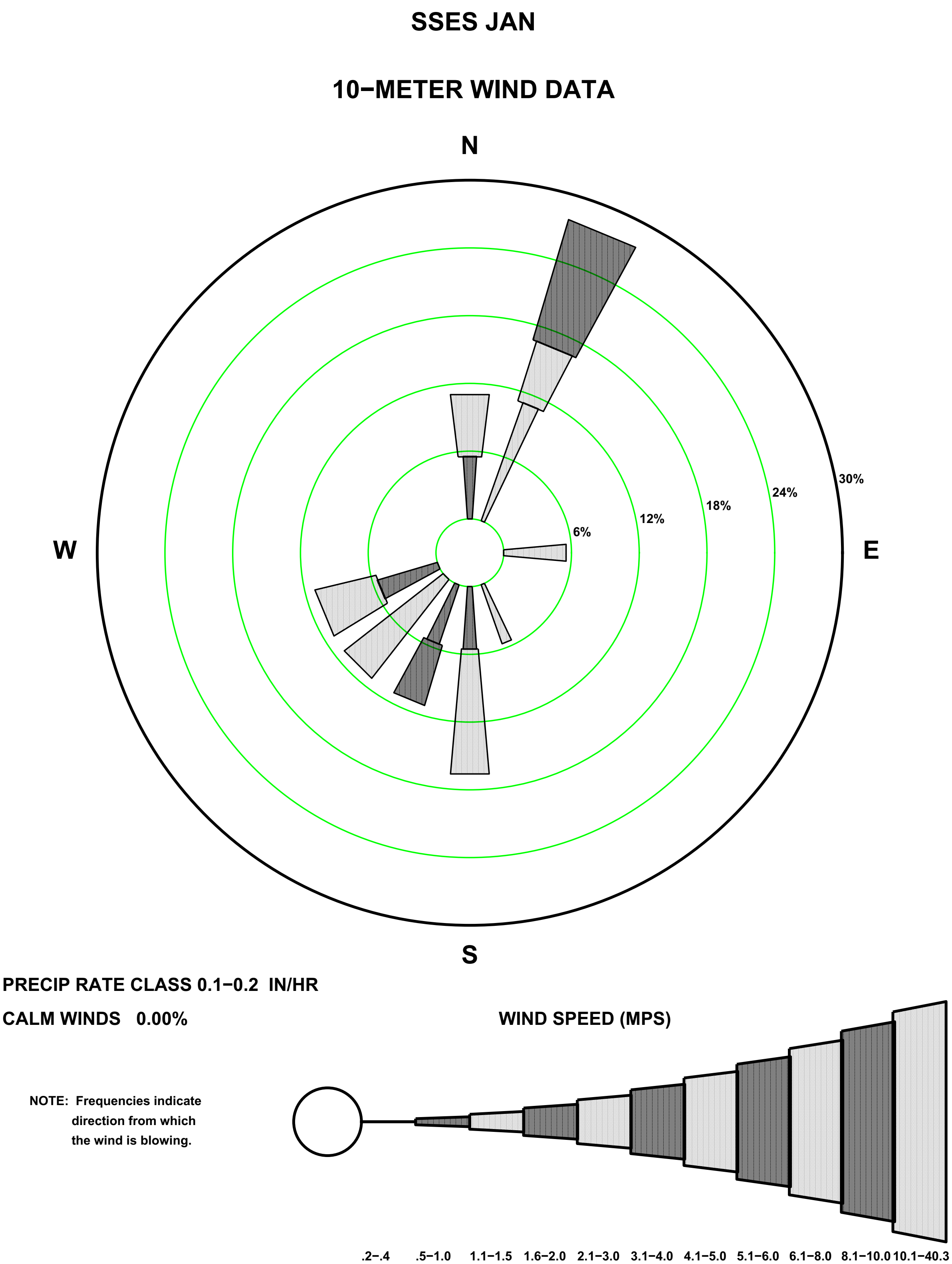


Figure 2.3-40— {BBNPP 33' (10-m) February Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

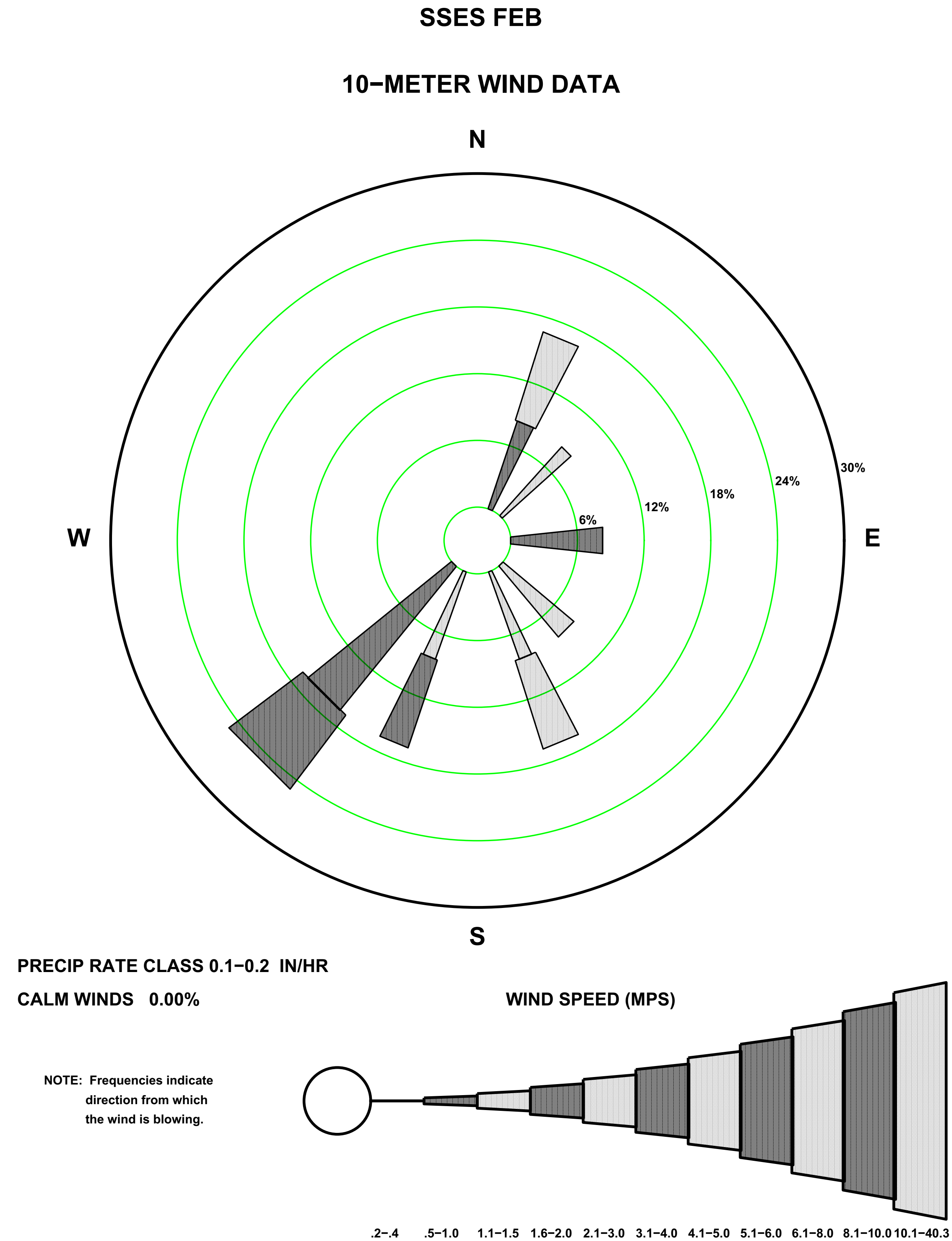


Figure 2.3-41— {BBNPP 33' (10-m) March Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

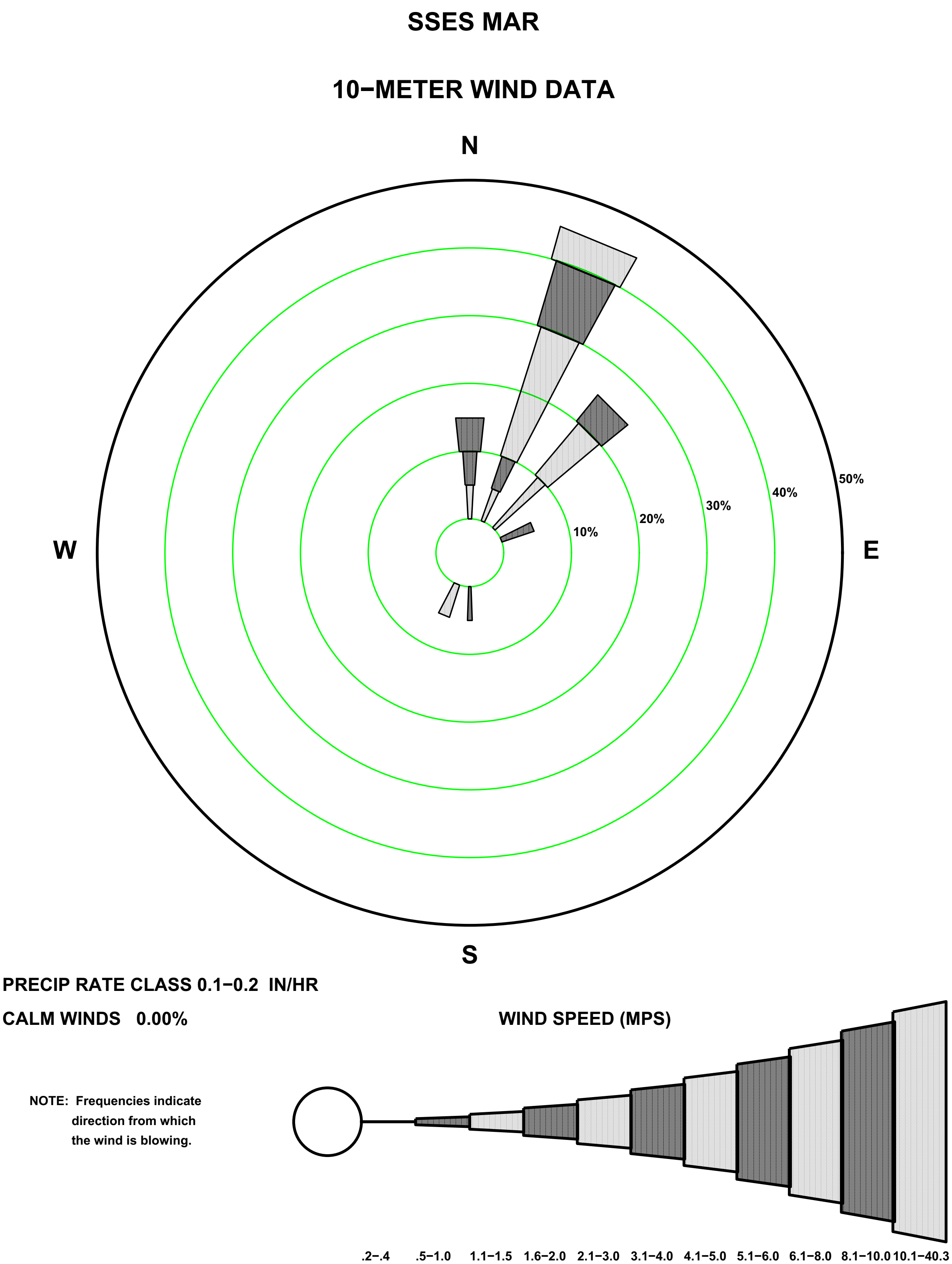


Figure 2.3-42— {BBNPP 33' (10-m) April Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

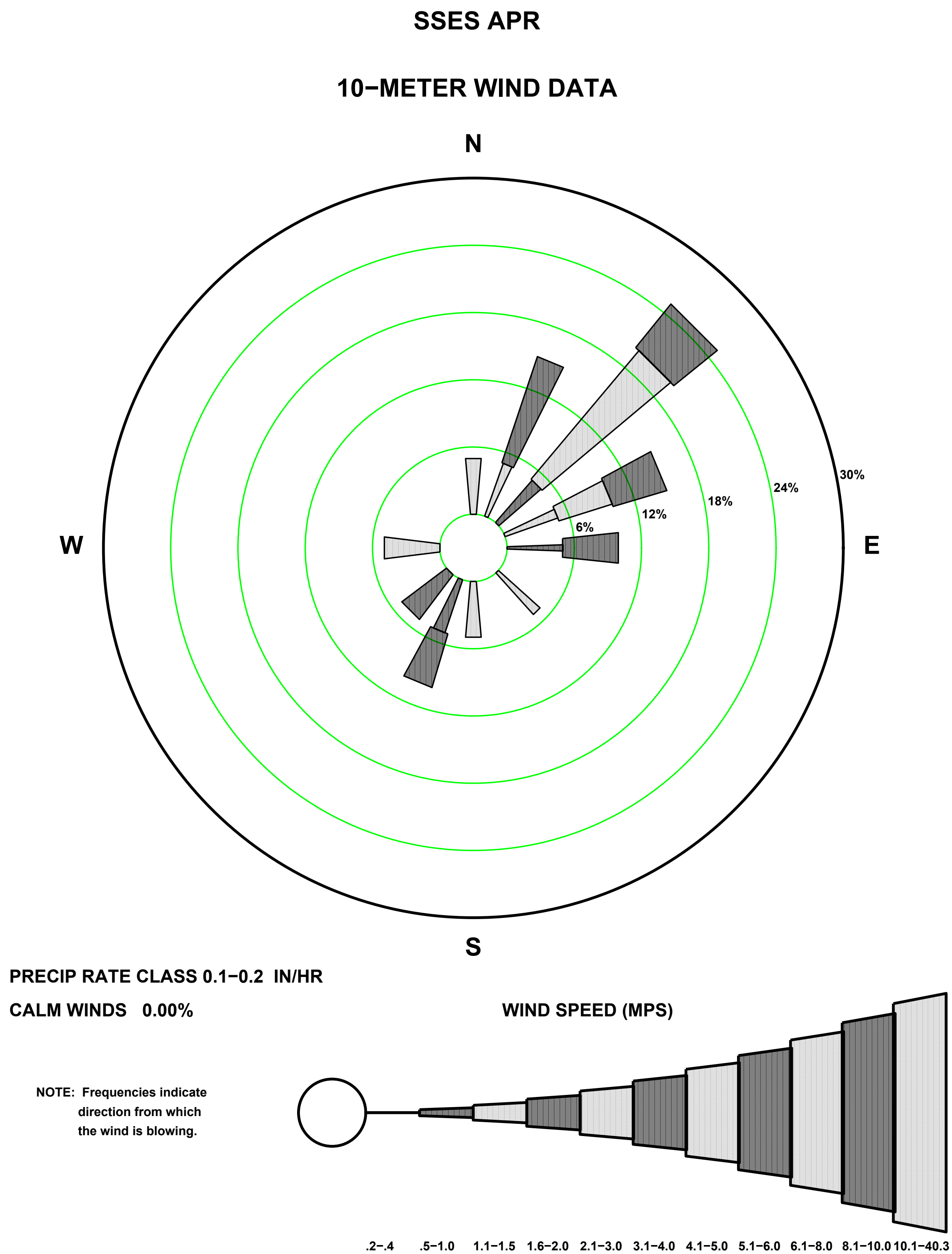


Figure 2.3-43— {BBNPP 33' (10-m) May Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

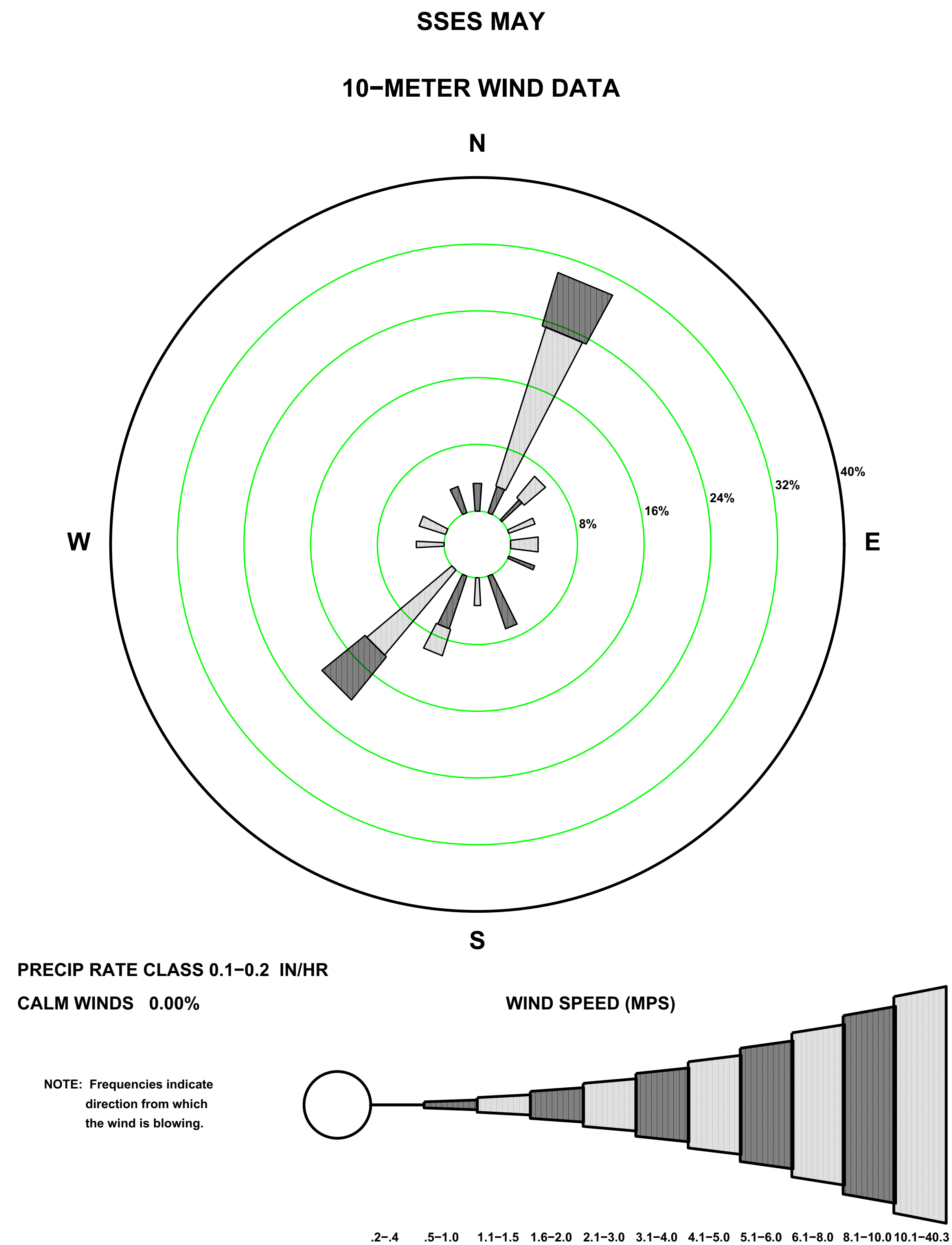


Figure 2.3-44— {BBNPP 33' (10-m) June Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

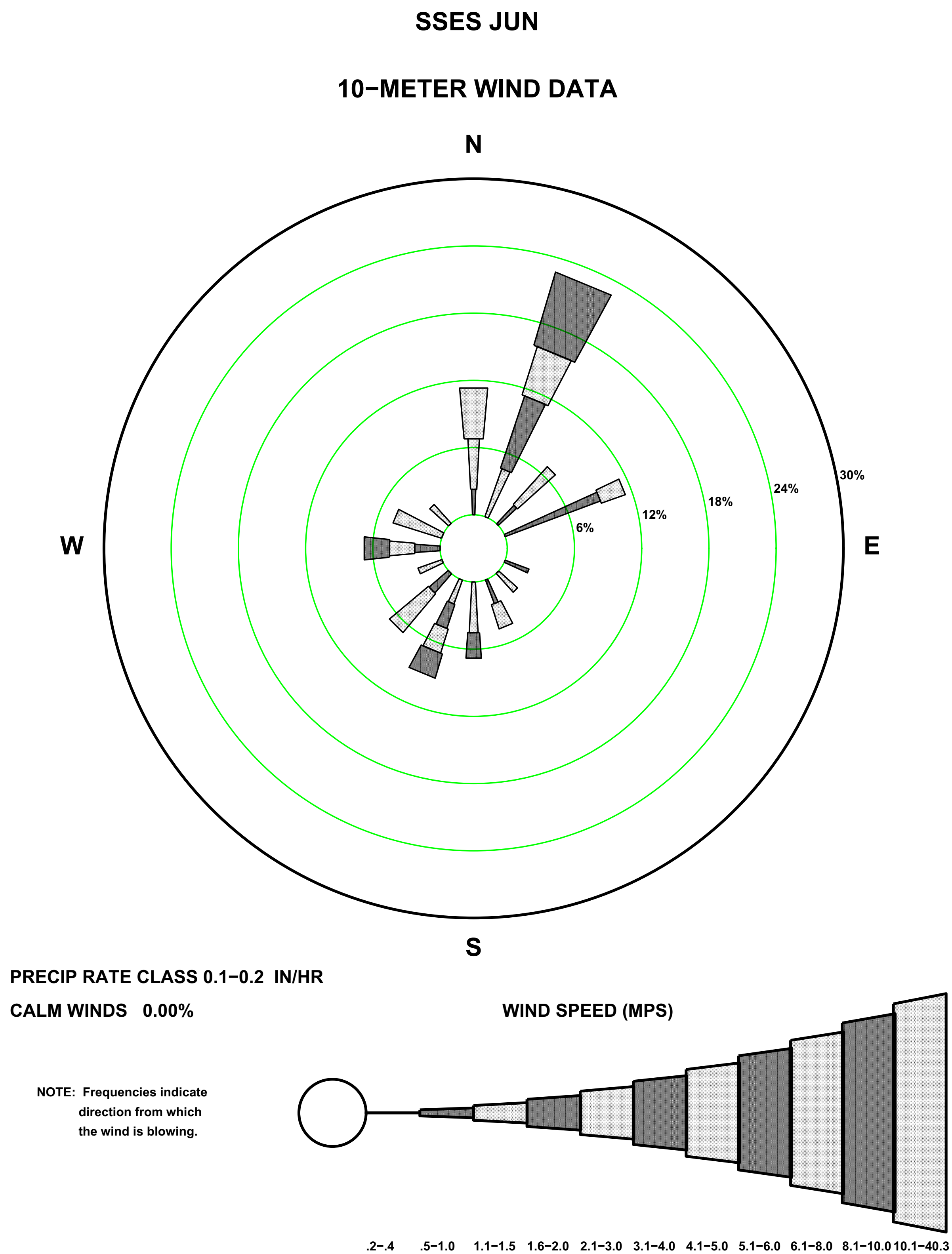


Figure 2.3-45— {BBNPP 33' (10-m) July Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

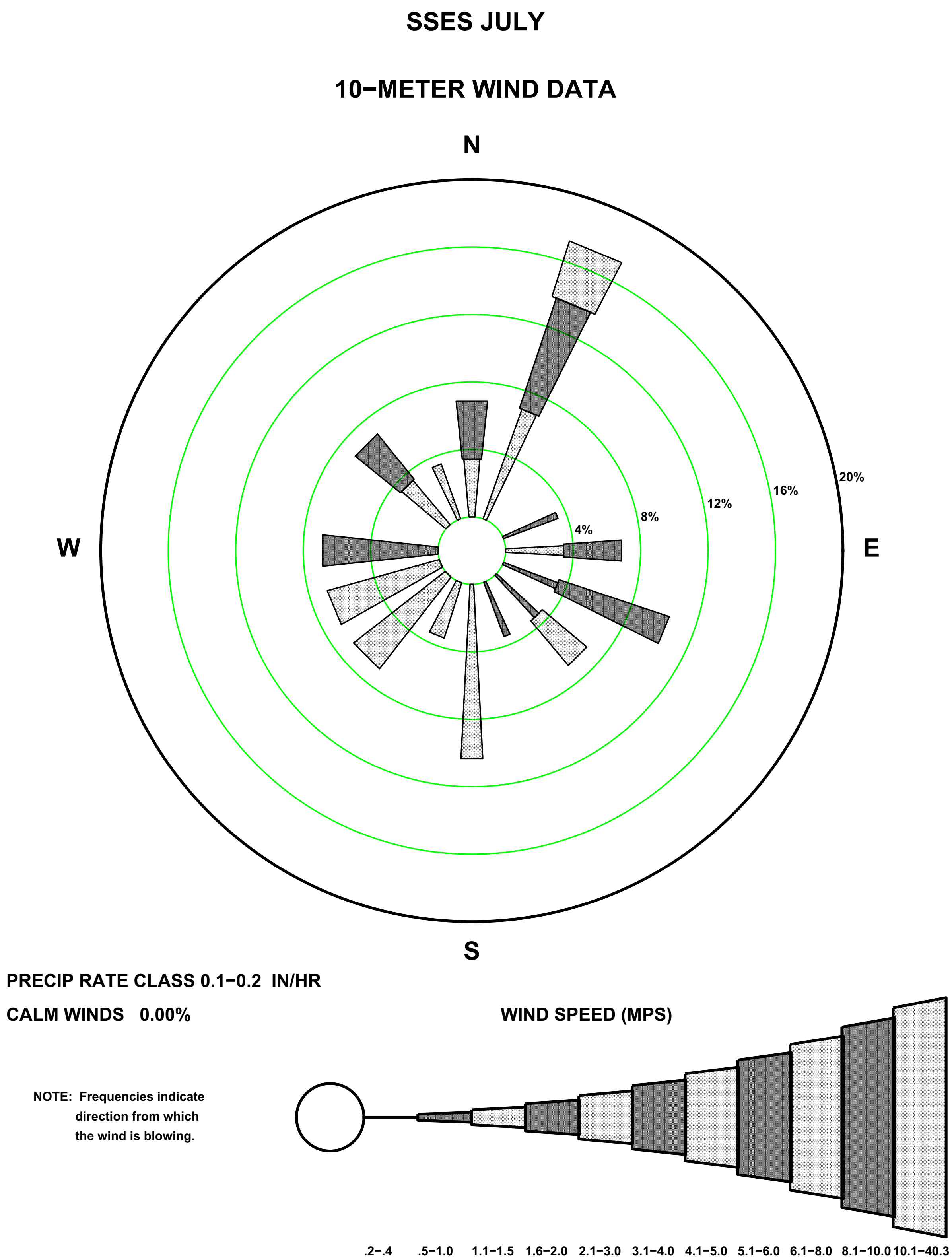


Figure 2.3-46— {BBNPP 33' (10-m) August Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

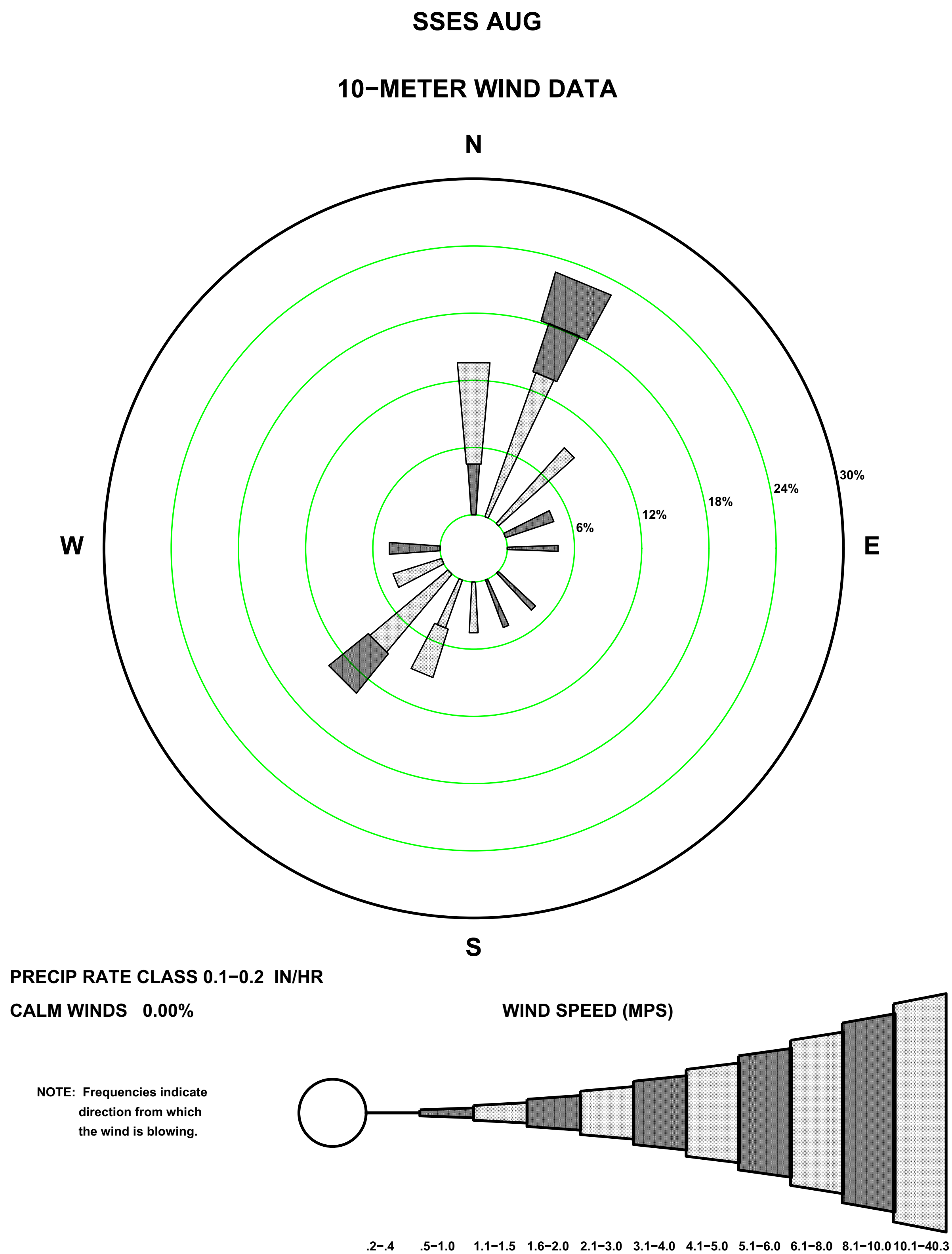


Figure 2.3-47— {BBNPP 33' (10-m) September Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

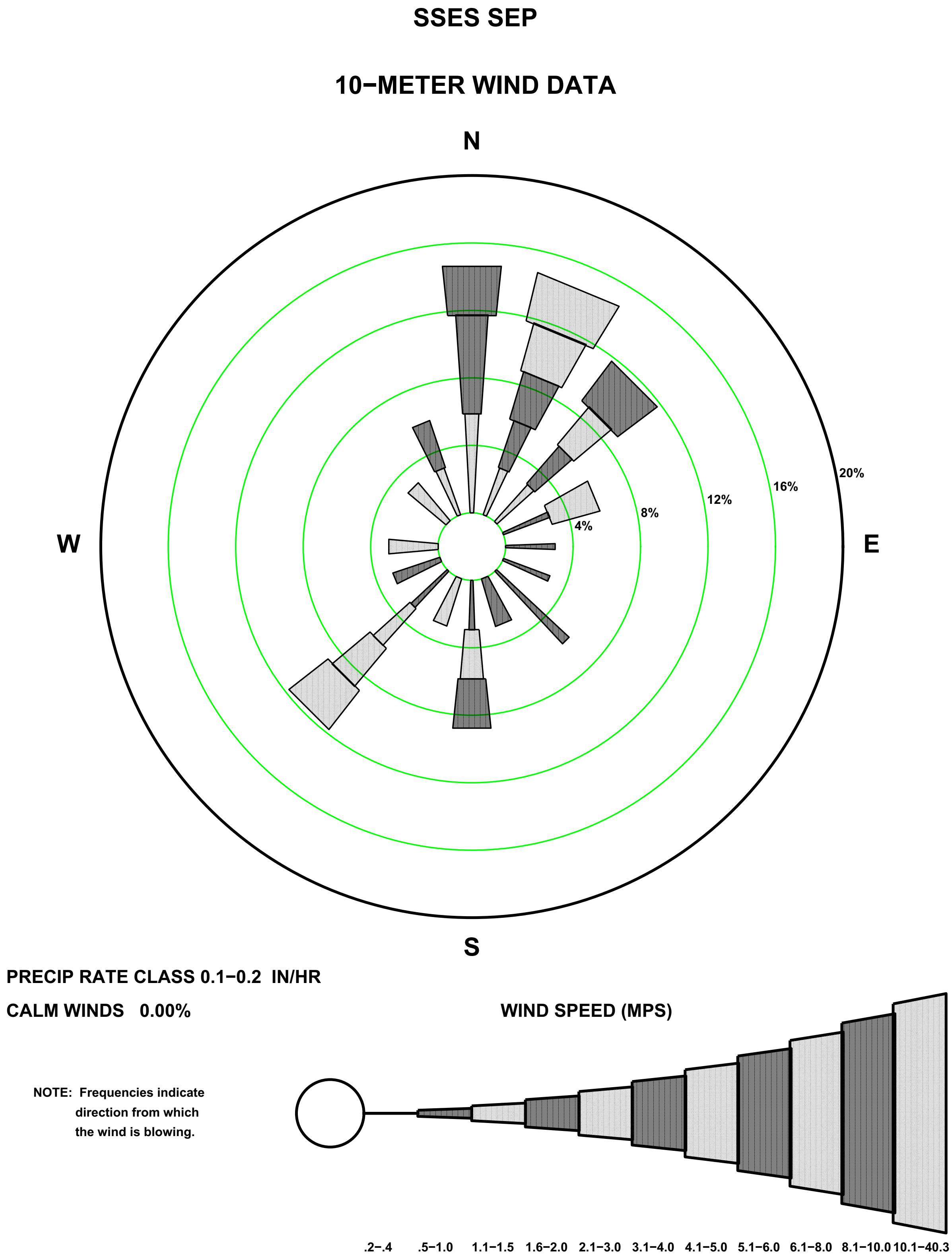


Figure 2.3-48— {BBNPP 33' (10-m) October Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

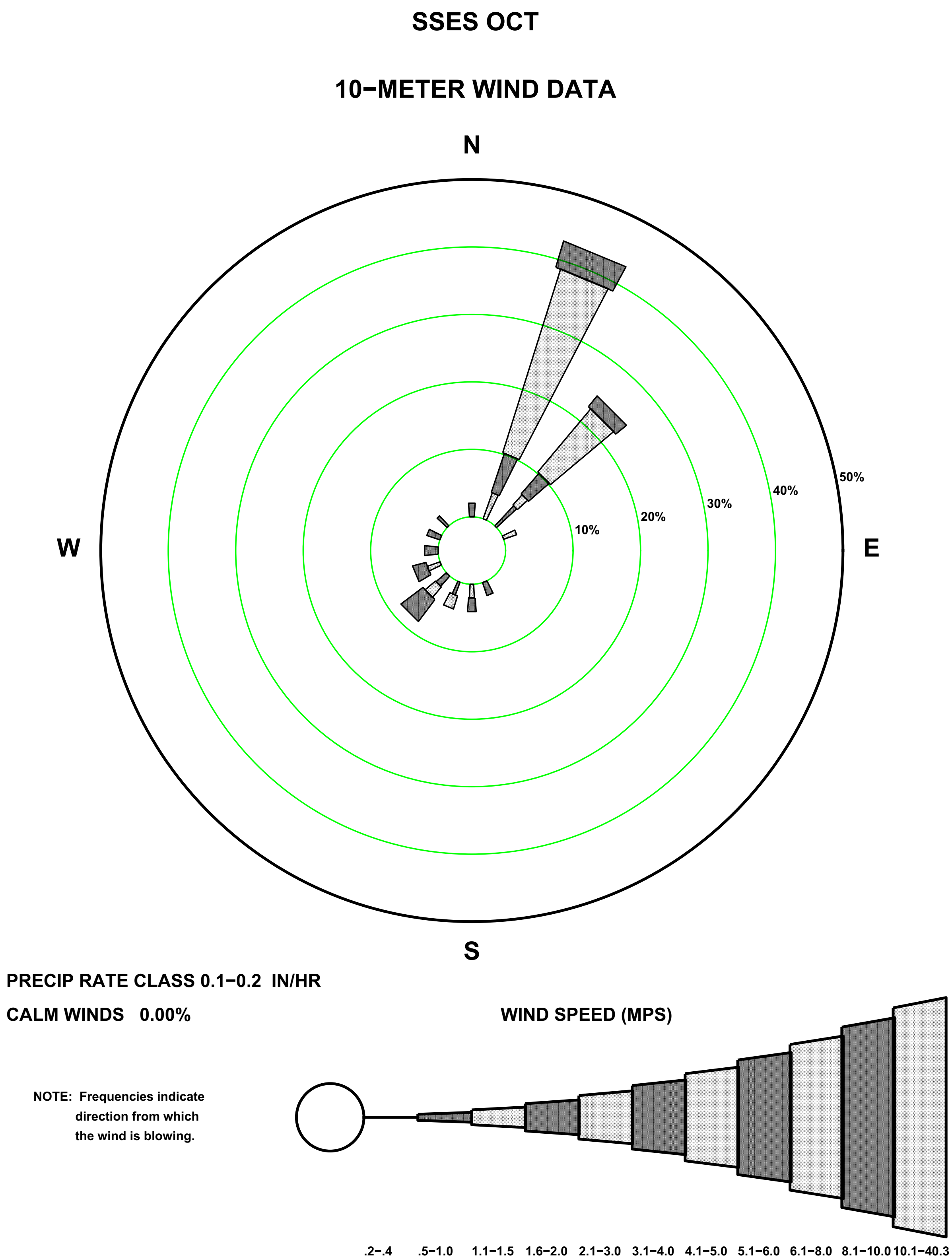


Figure 2.3-49— {BBNPP 33' (10-m) November Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

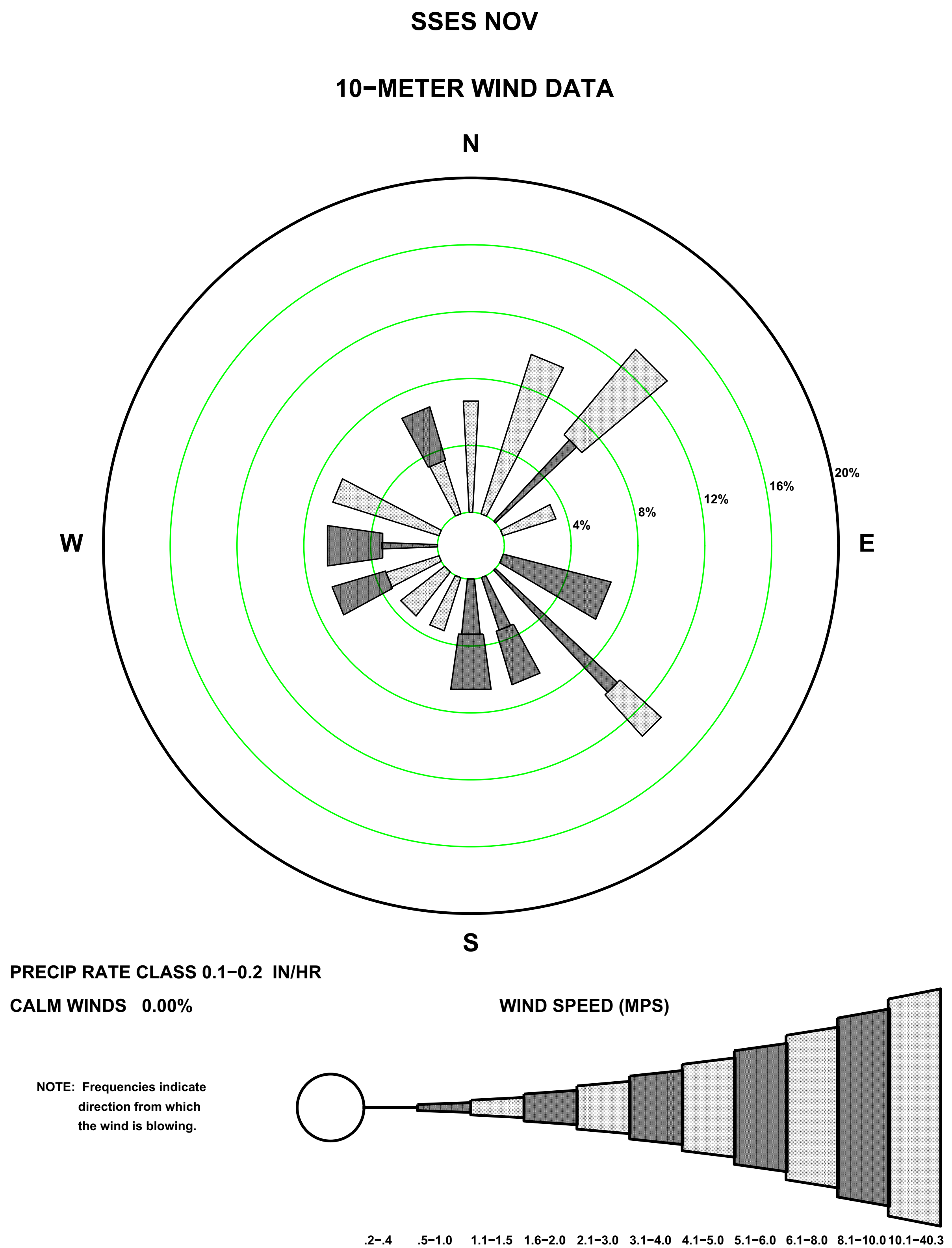


Figure 2.3-50— {BBNPP 33' (10-m) December Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

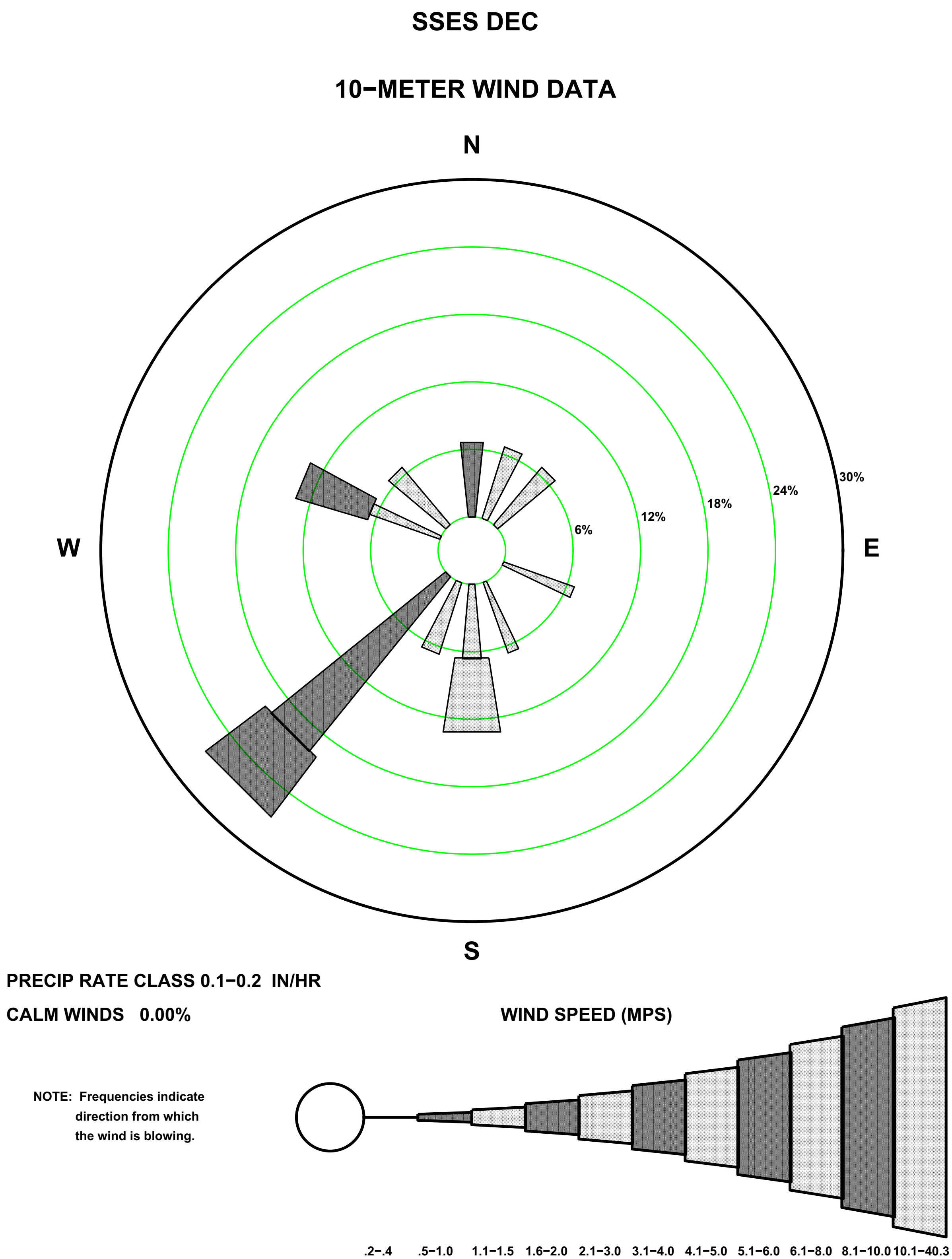


Figure 2.3-51— {BBNPP 197' (60-m) January Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

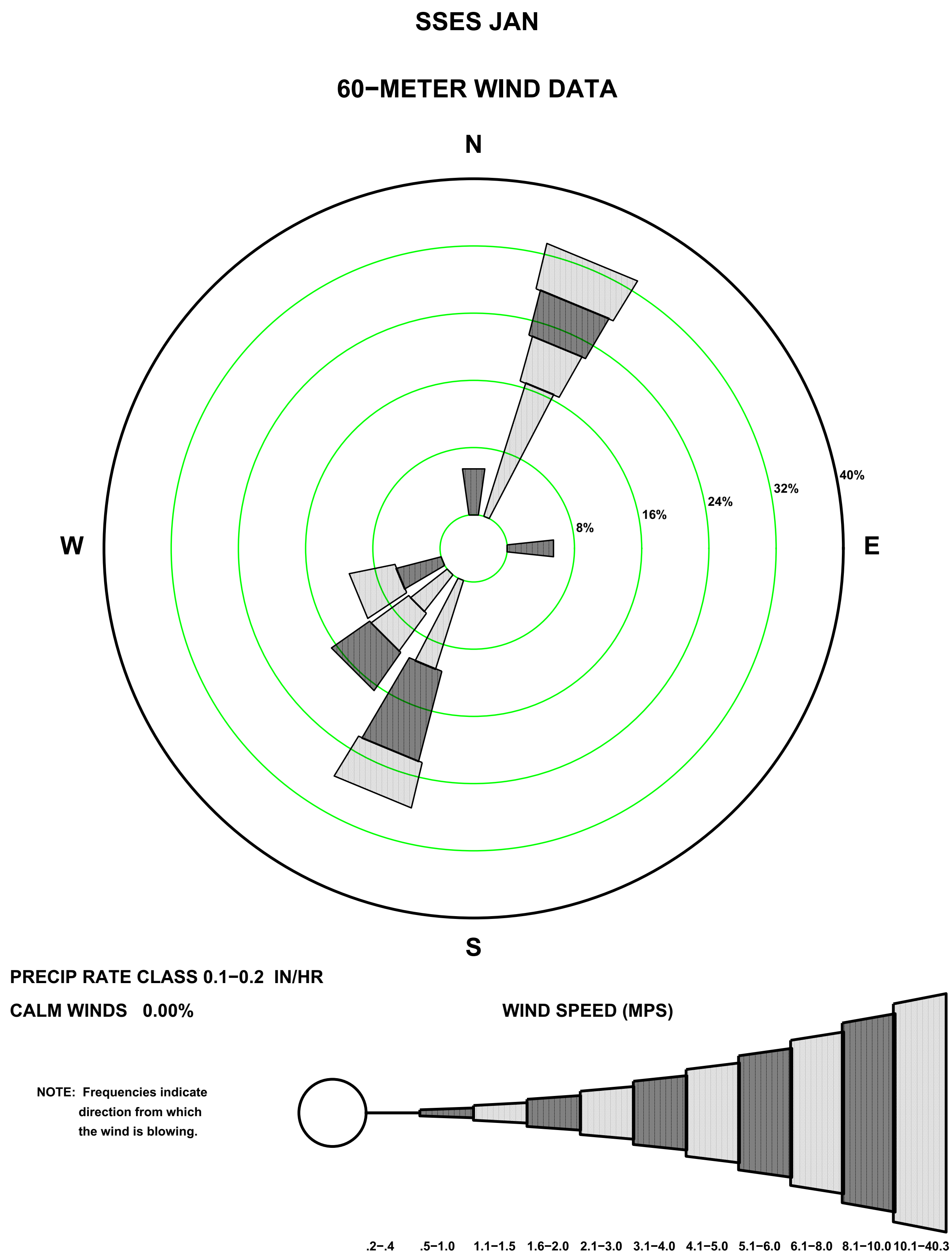


Figure 2.3-52— {BBNPP 197' (60-m) February Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

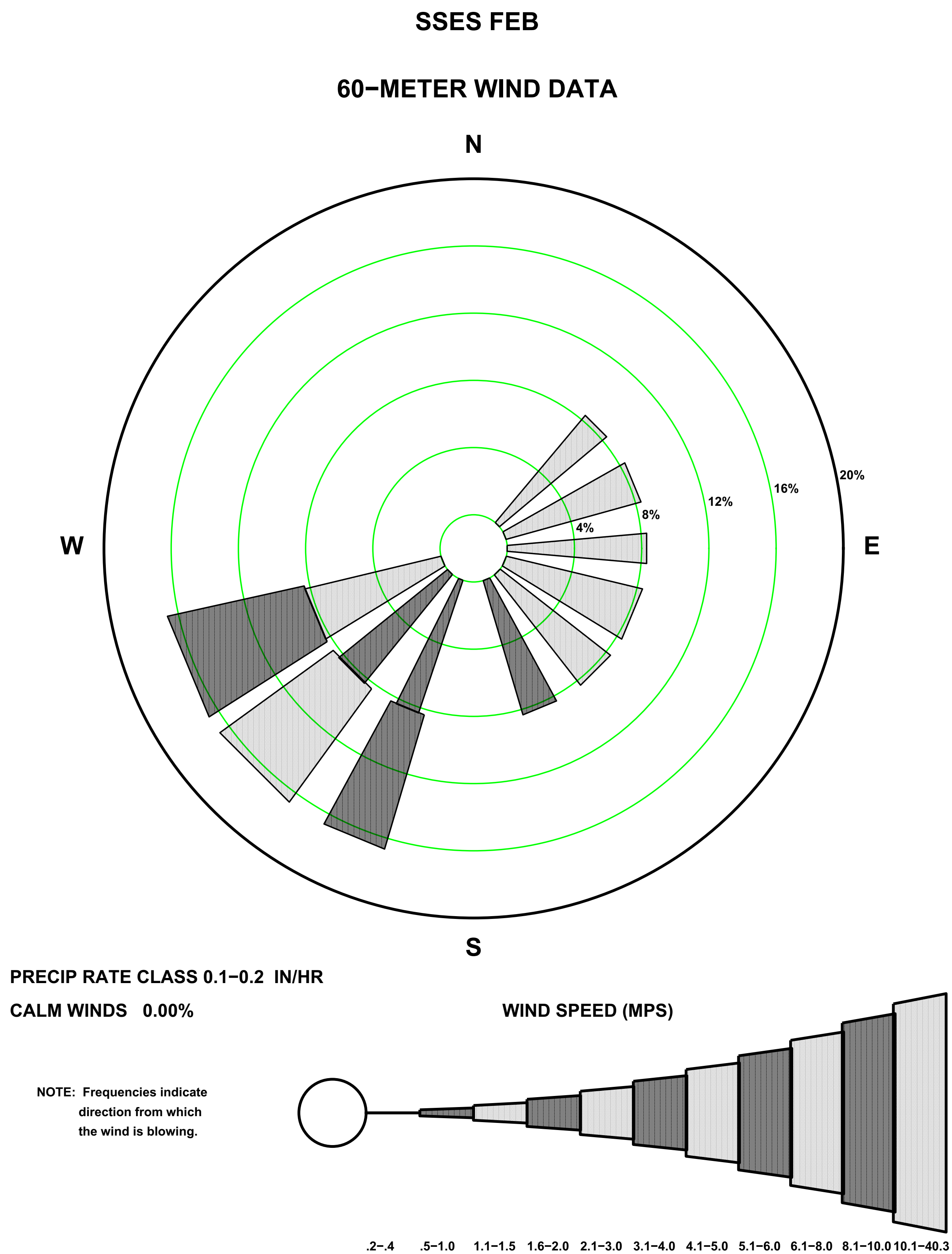


Figure 2.3-53— {BBNPP 197' (60-m) March Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

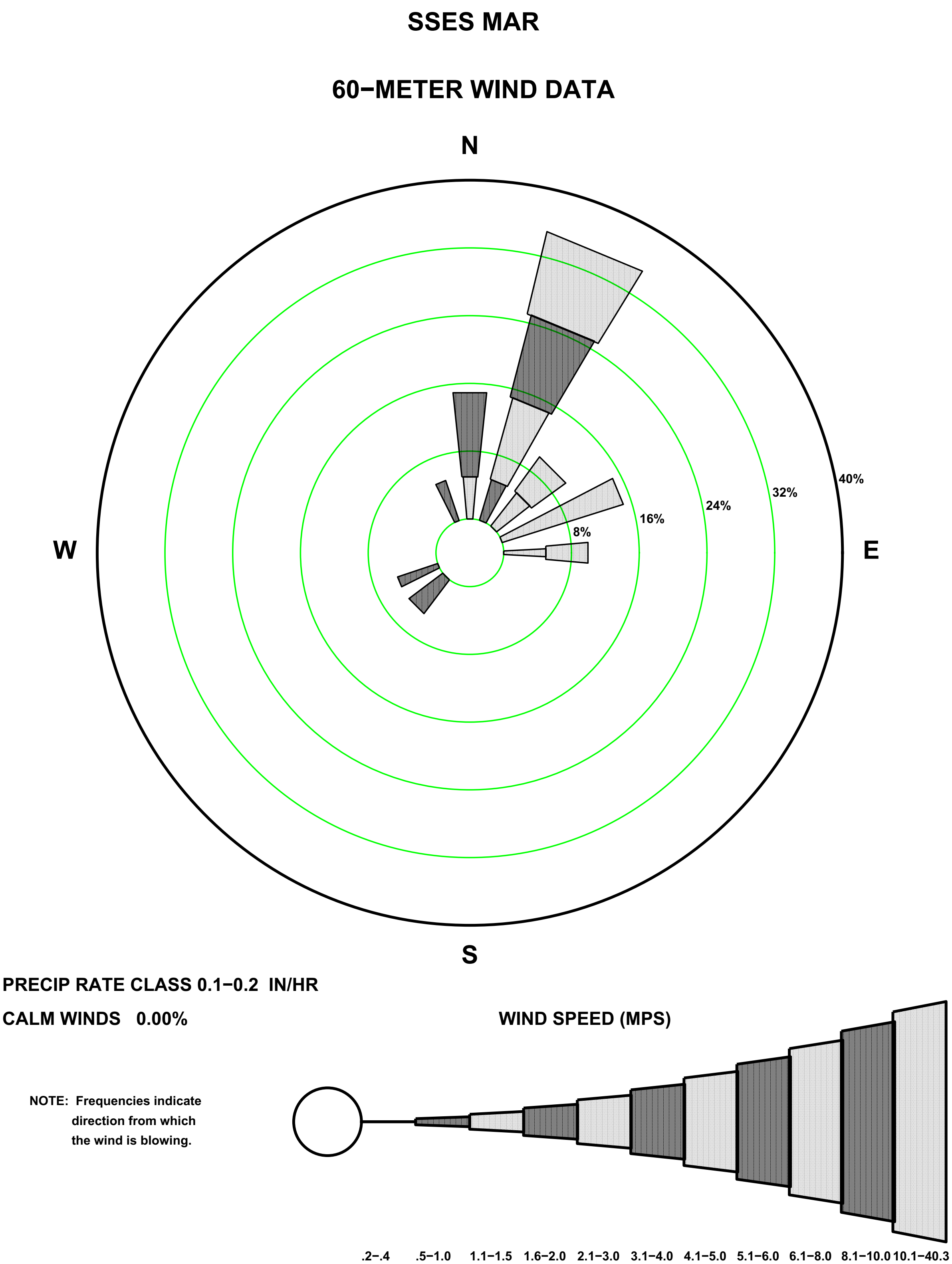


Figure 2.3-54— {BBNPP 197' (60-m) April Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

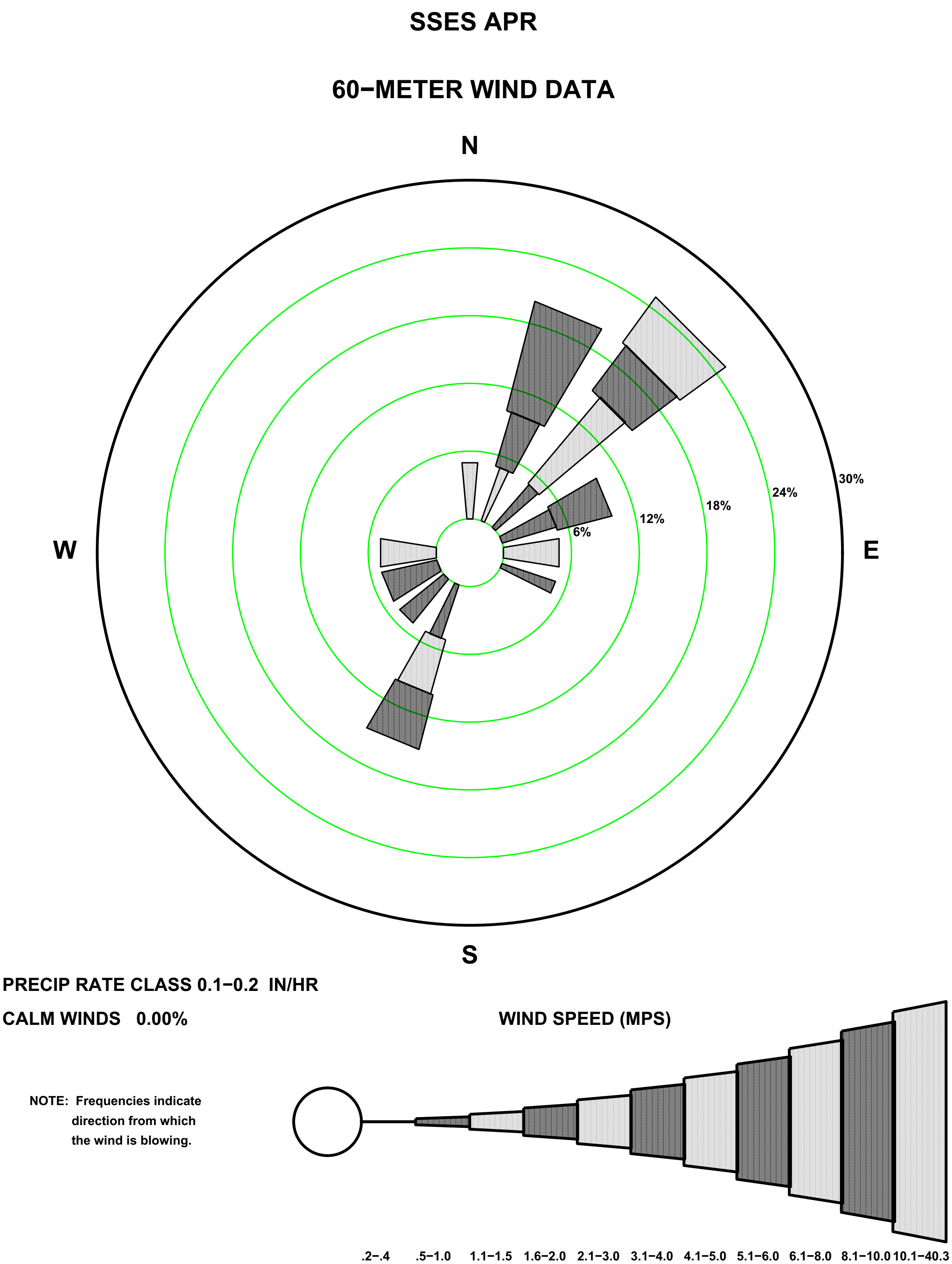


Figure 2.3-55— {BBNPP 197' (60-m) May Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

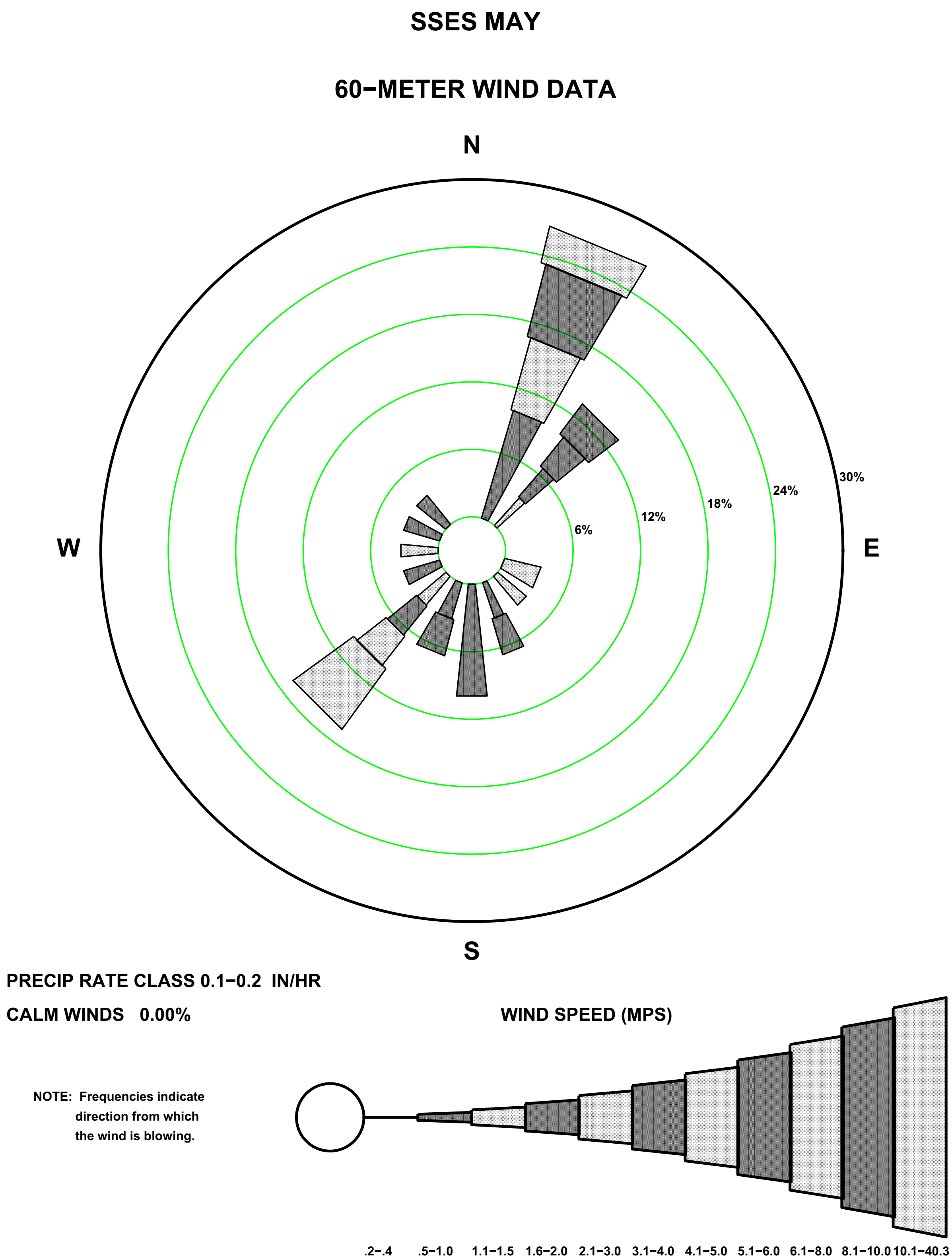


Figure 2.3-56— {BBNPP 197' (60-m) June Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

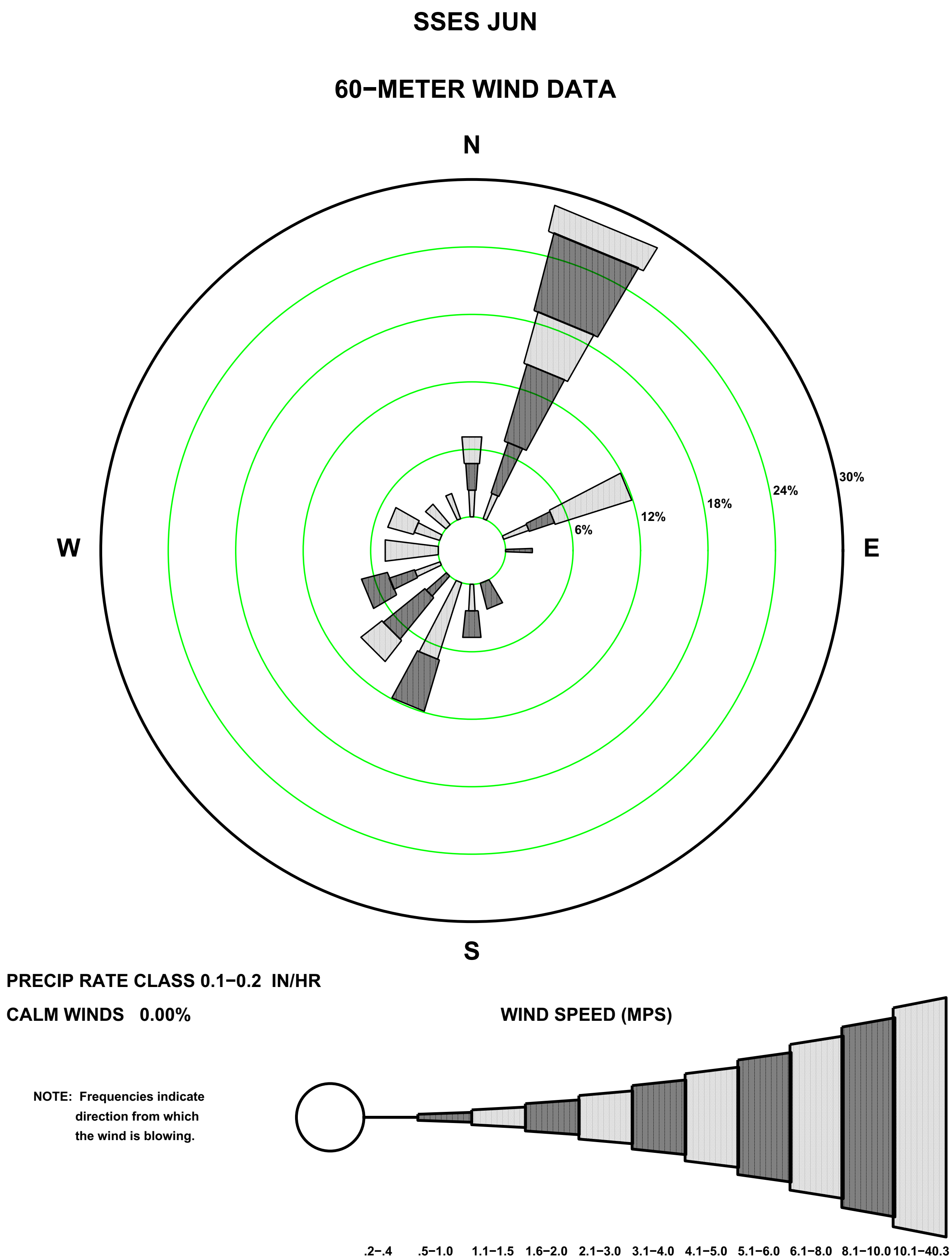


Figure 2.3-57— {BBNPP 197' (60-m) July Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

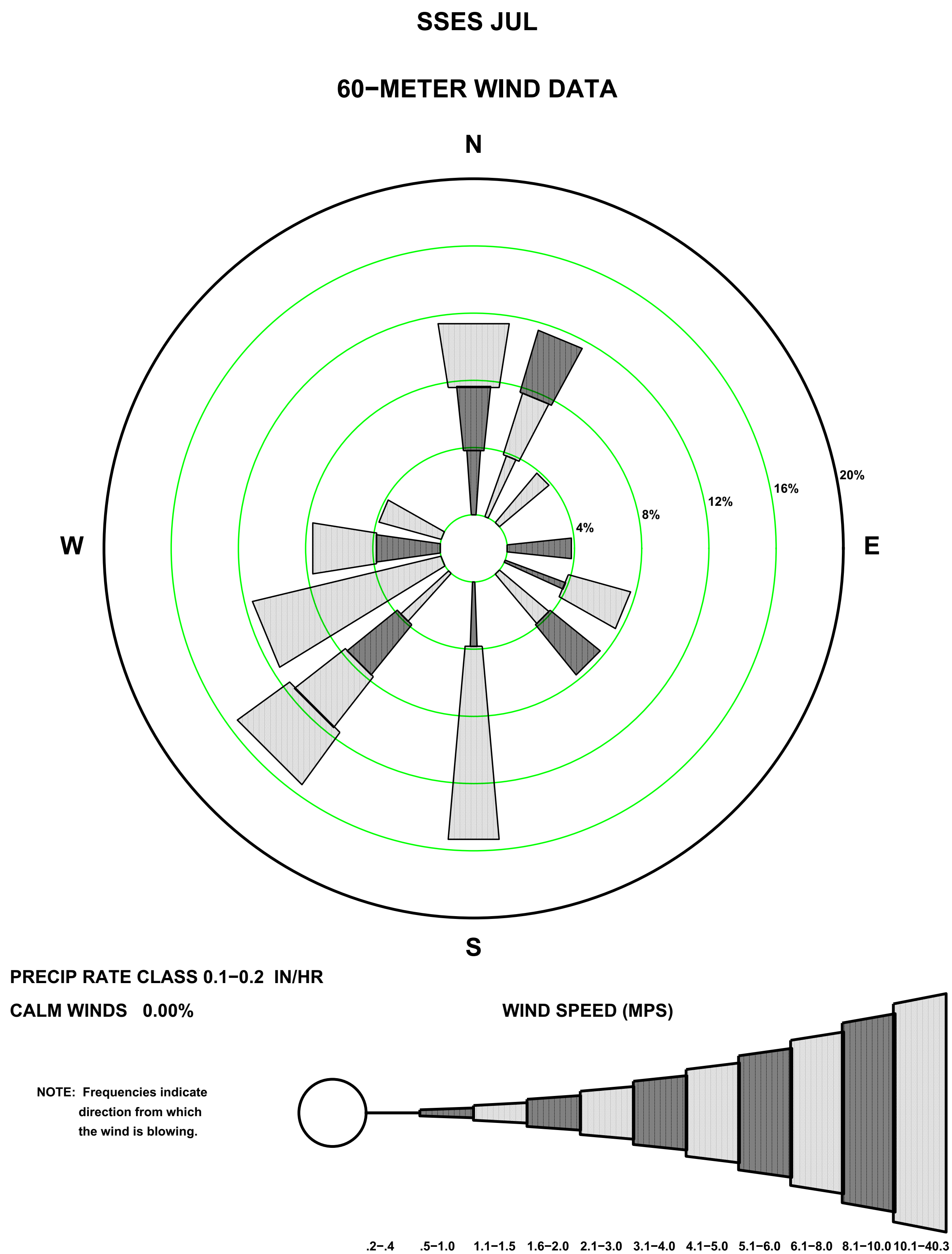


Figure 2.3-58— {BBNPP 197' (60-m) August Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

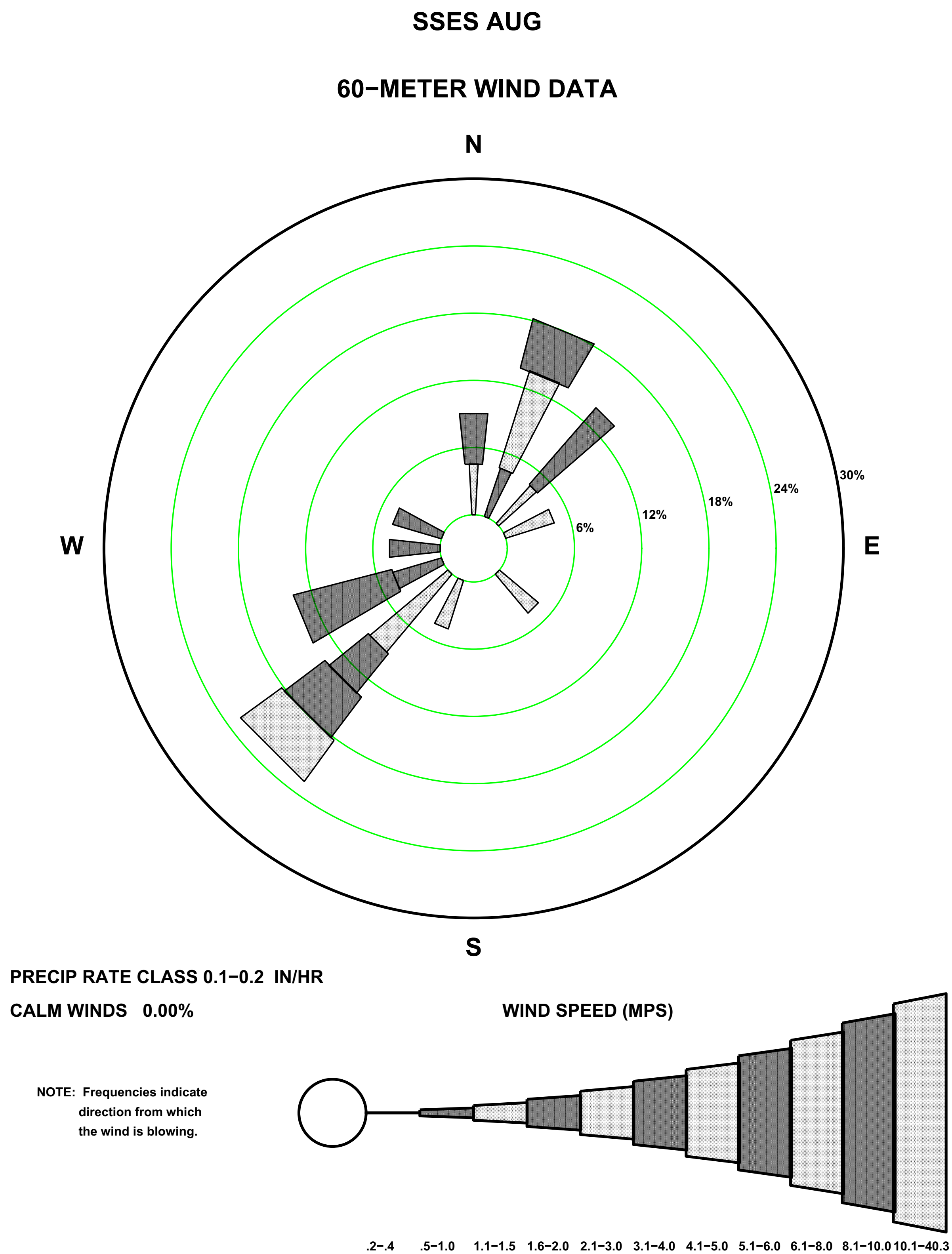


Figure 2.3-59— {BBNPP 197' (60-m) September Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

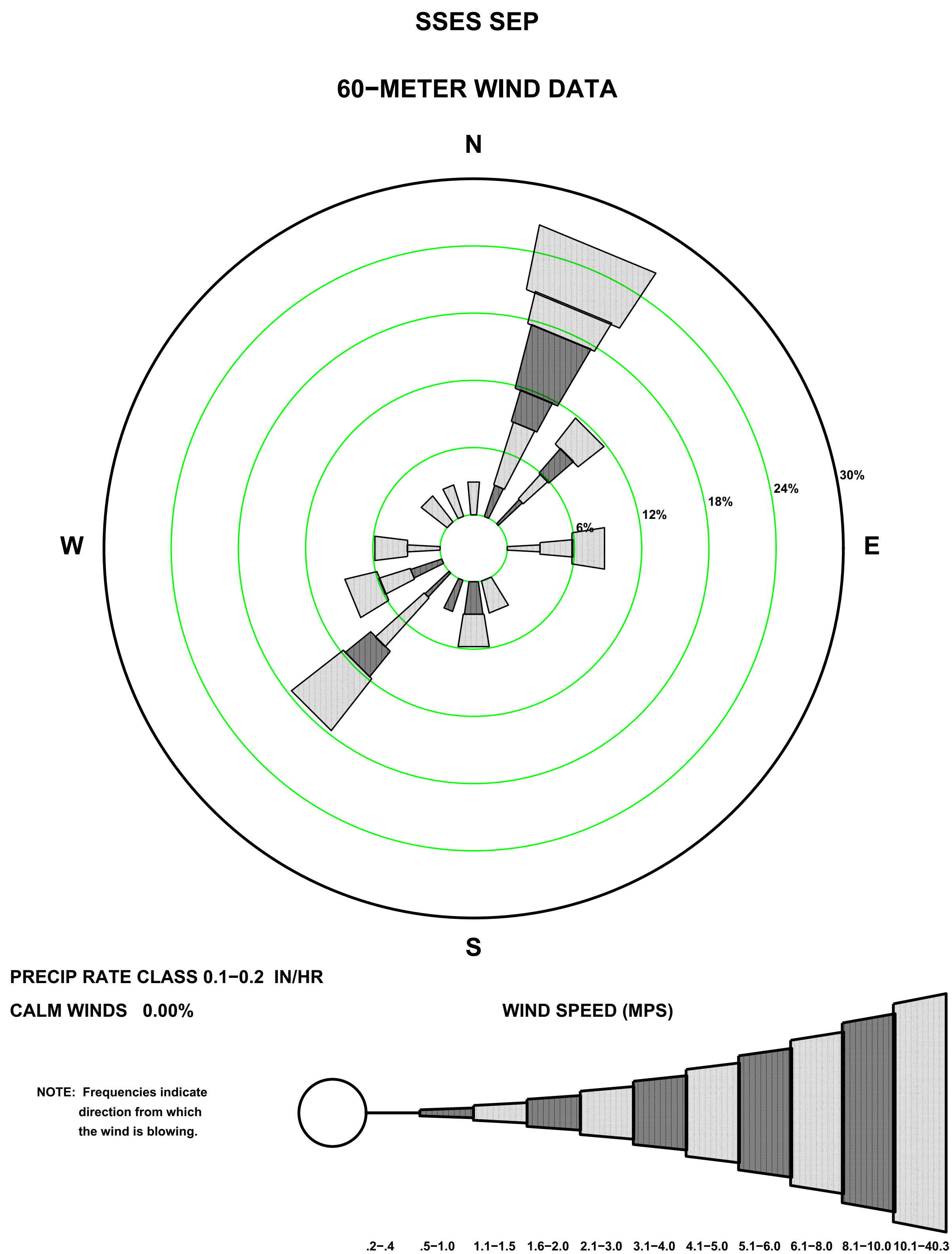


Figure 2.3-60— {BBNPP 197' (60-m) October Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

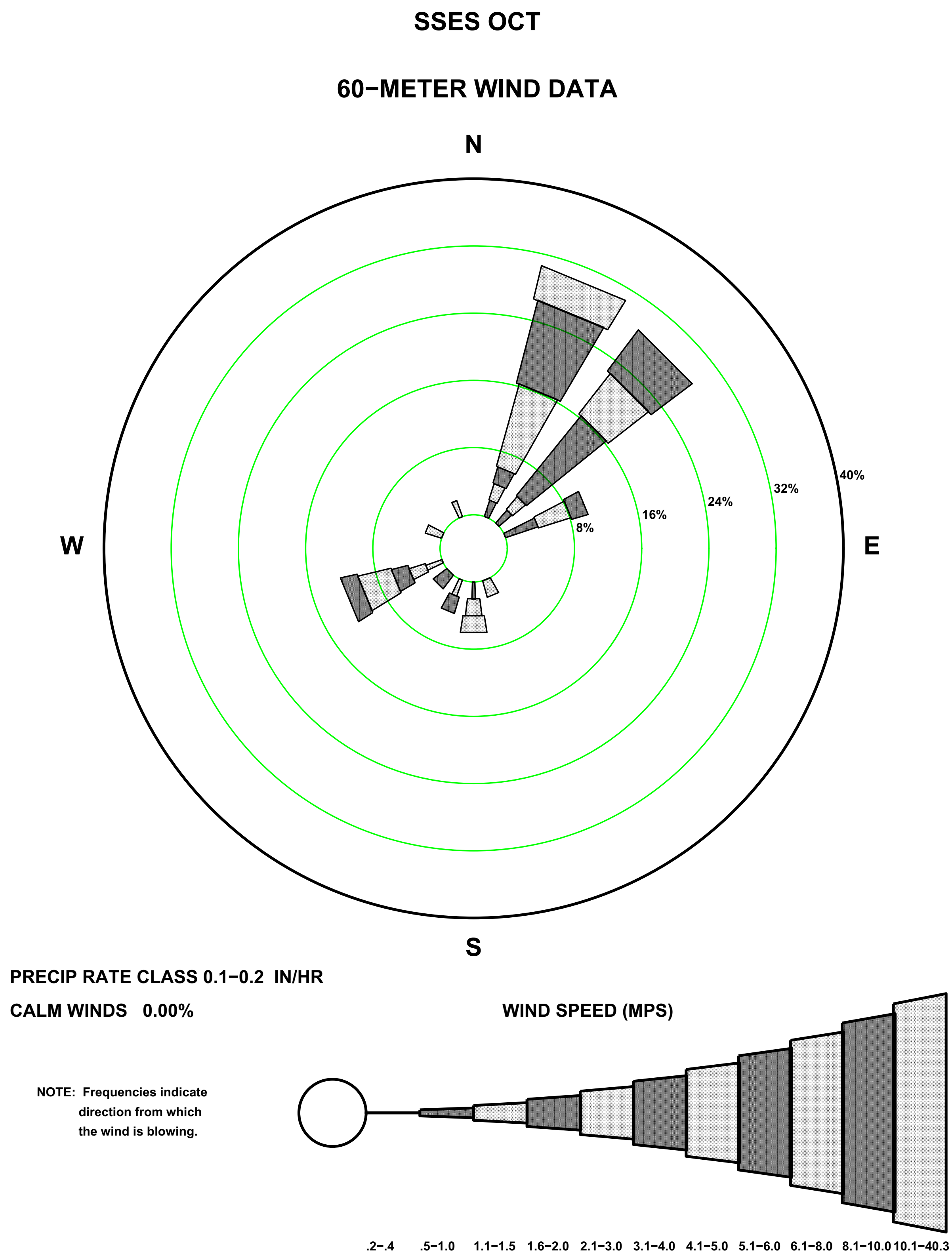


Figure 2.3-61— {BBNPP 197' (60-m) November Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

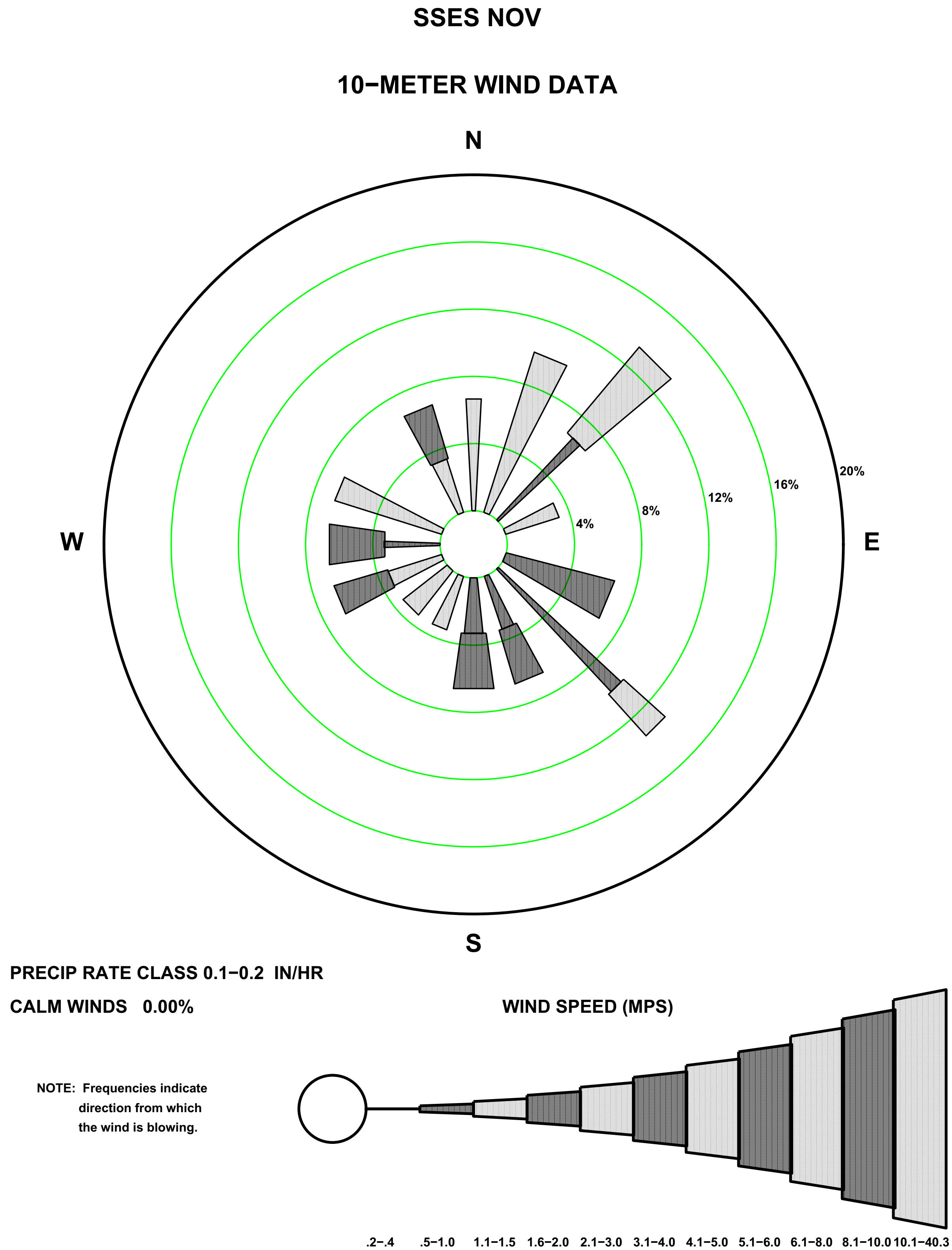


Figure 2.3-62— {BBNPP 197' (60-m) December Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr}

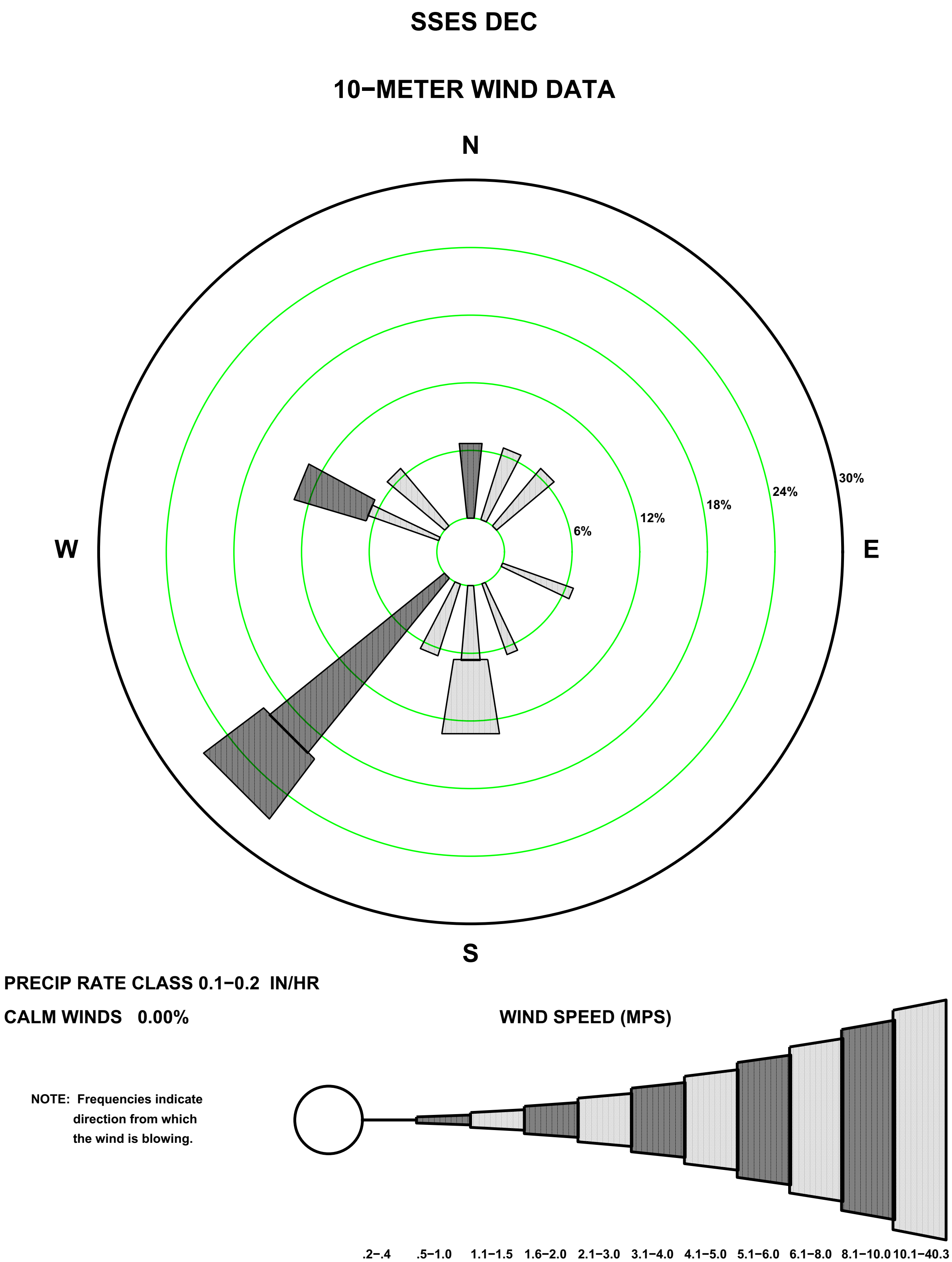


Figure 2.3-63— {Monthly Average Mixing Heights}

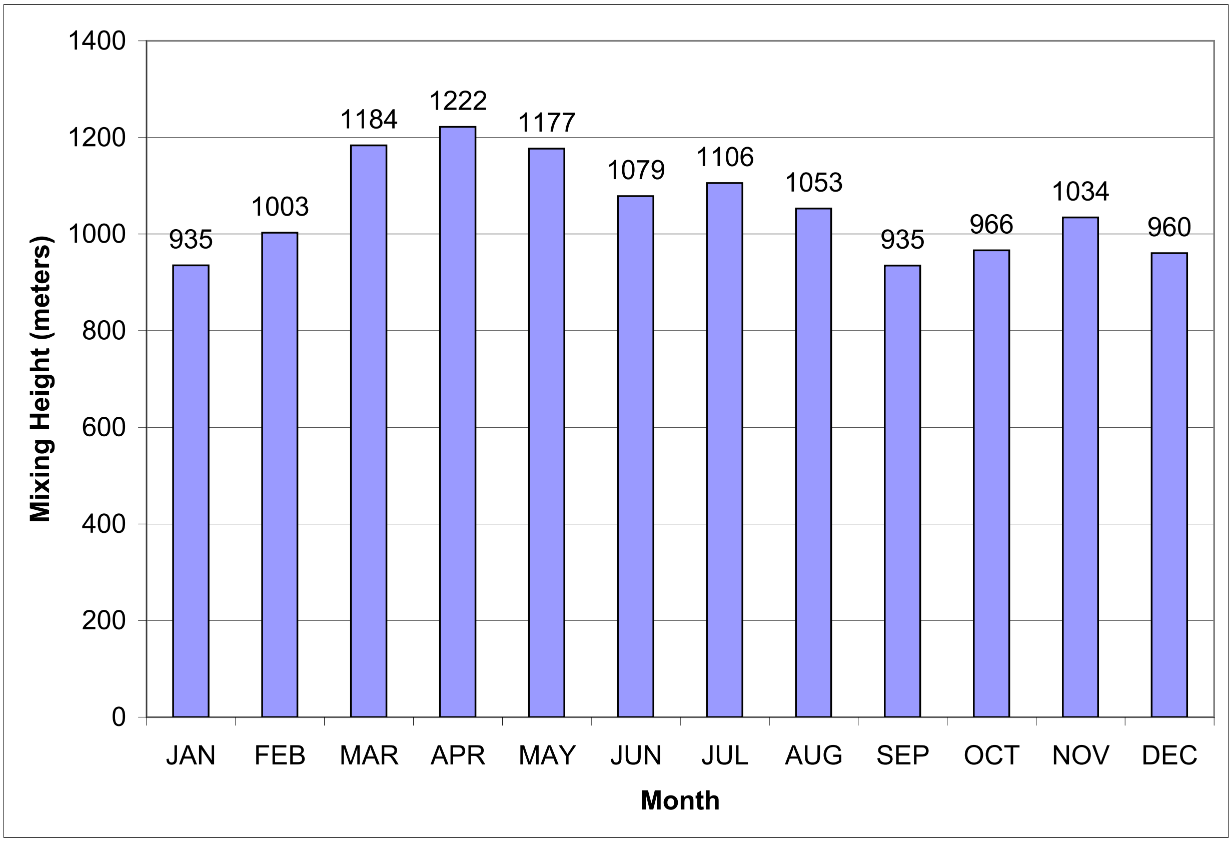


Figure 2.3-64— {Topography Within 1-Mile of the BBNPP Site}

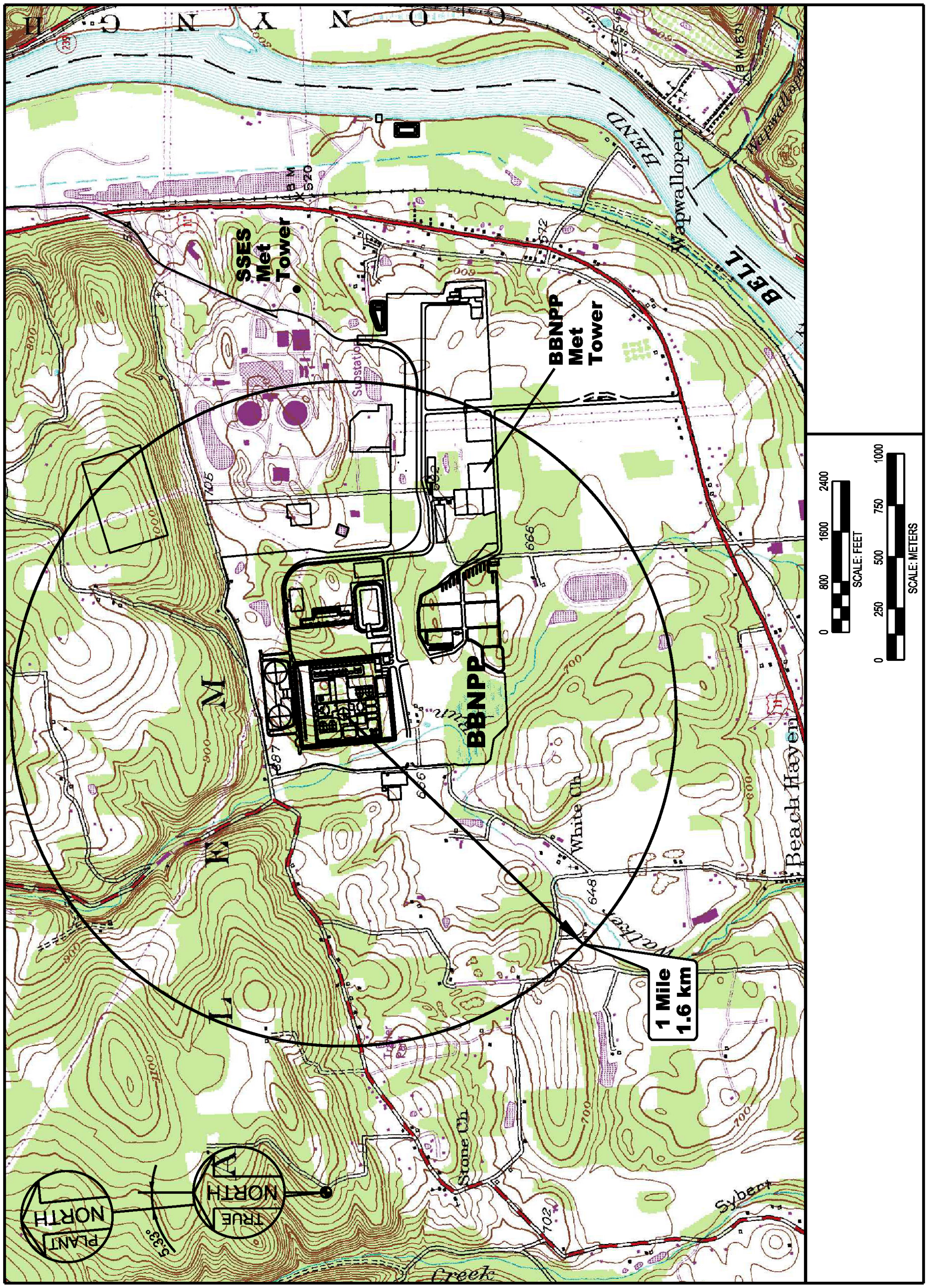


Figure 2.3-65— {Topography Within 5-Miles of the BBNPP Site}

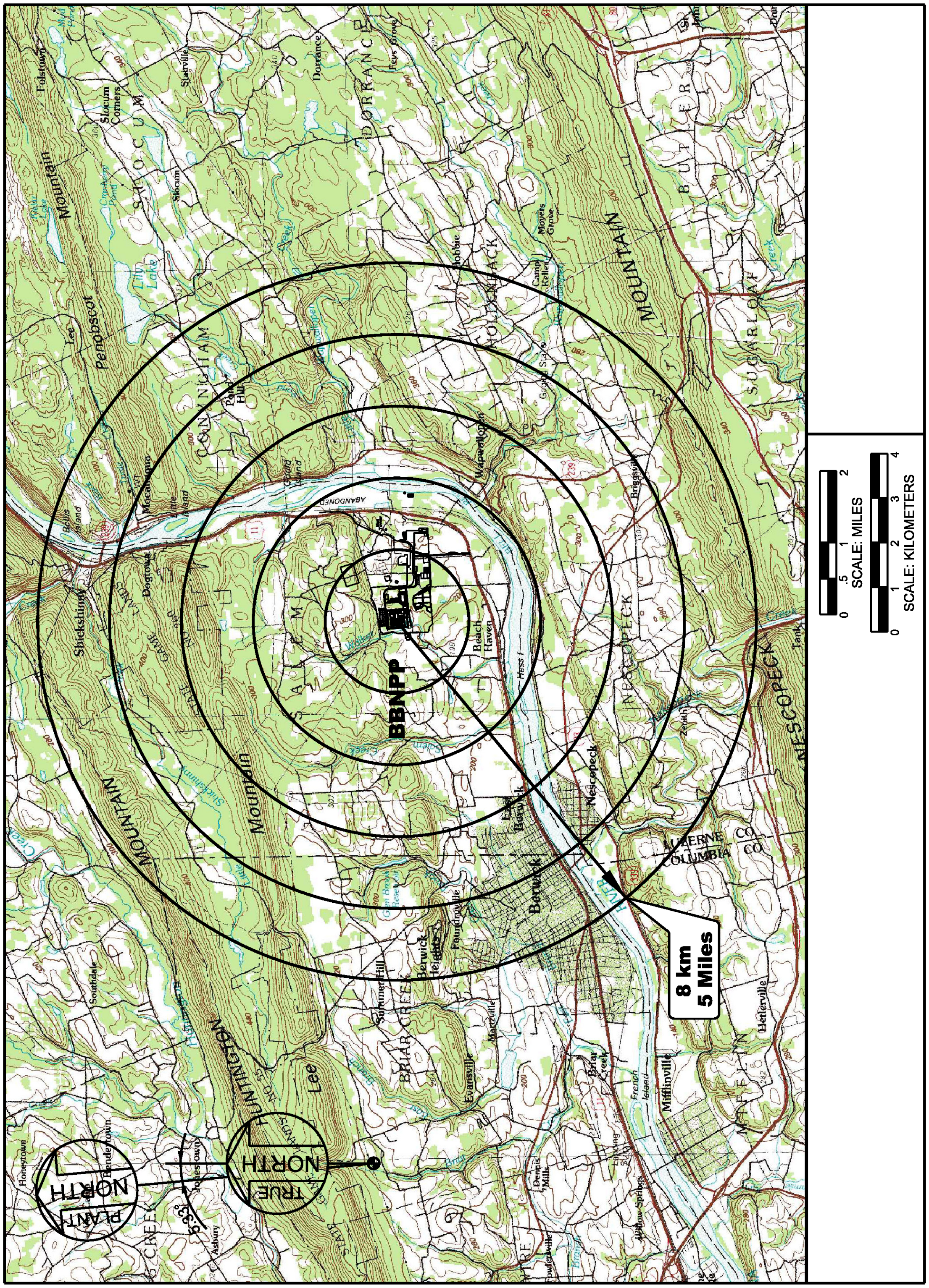


Figure 2.3-66— {Topography Within 50-Miles of the BBNPP Site}

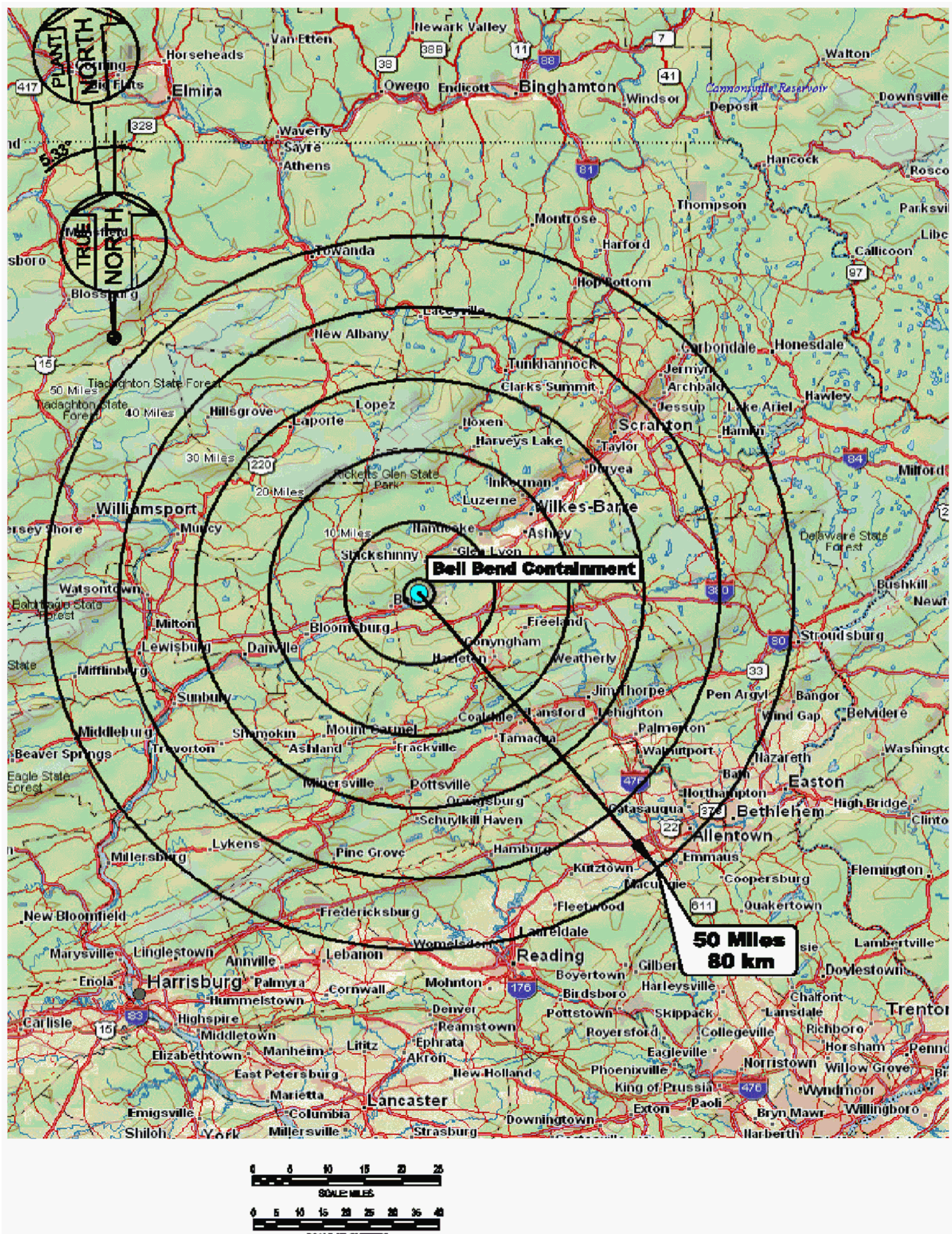


Figure 2.3-67— {Maximum Elevation versus Distance Within 50 Miles of the BBNPP Site}