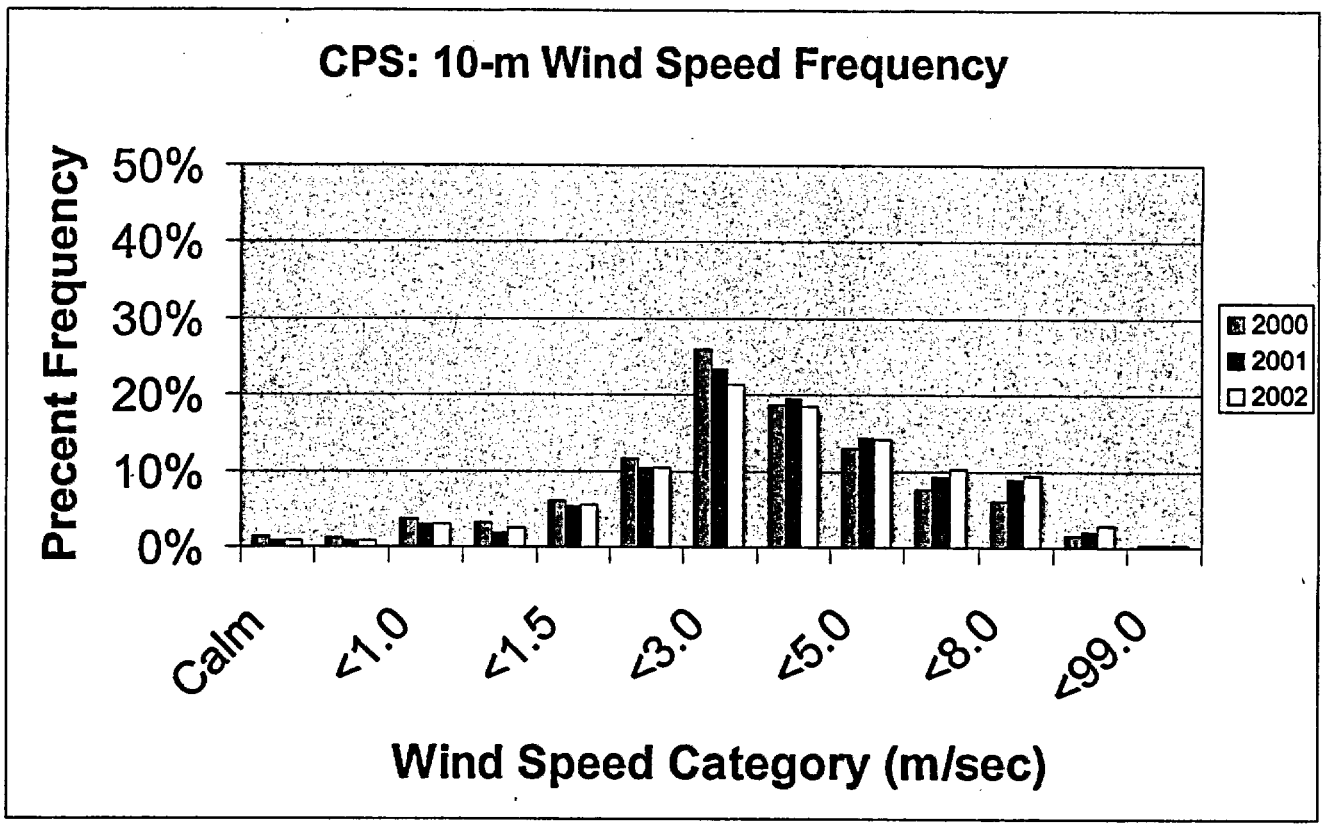
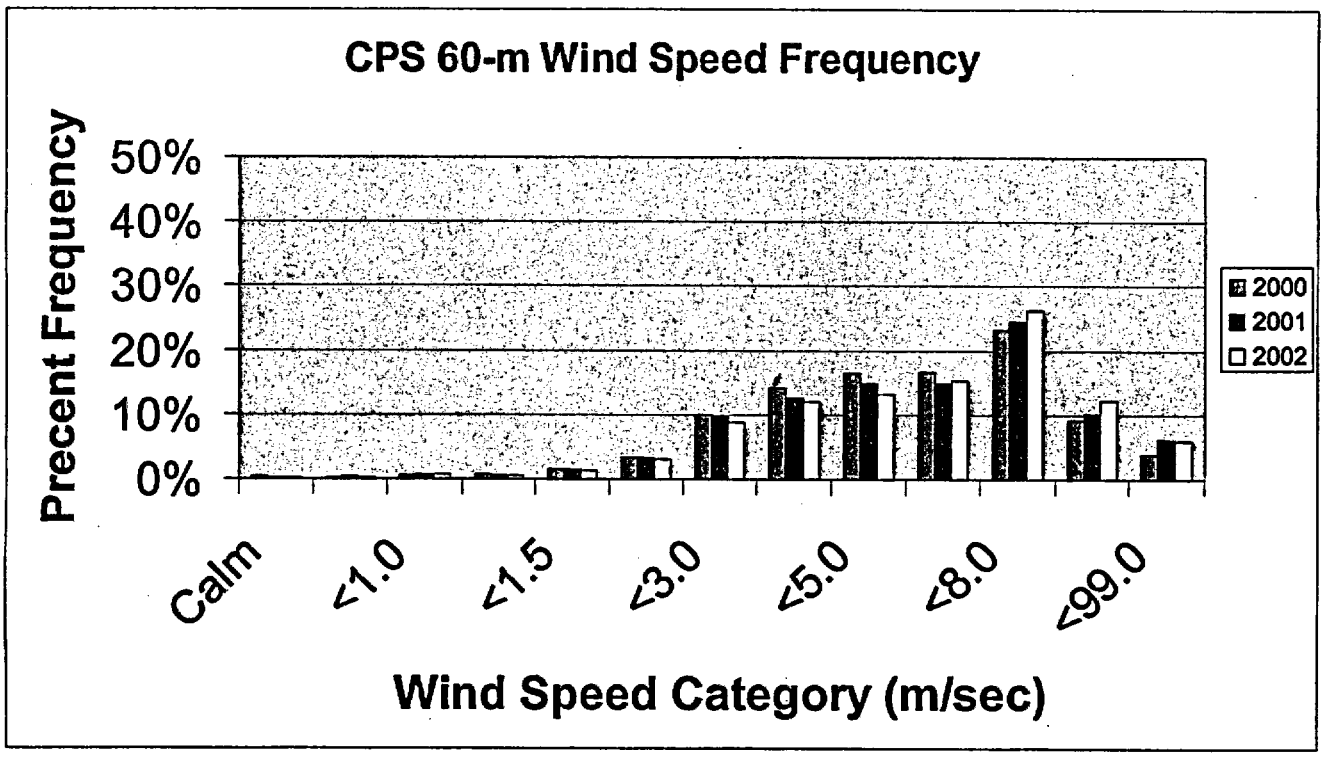
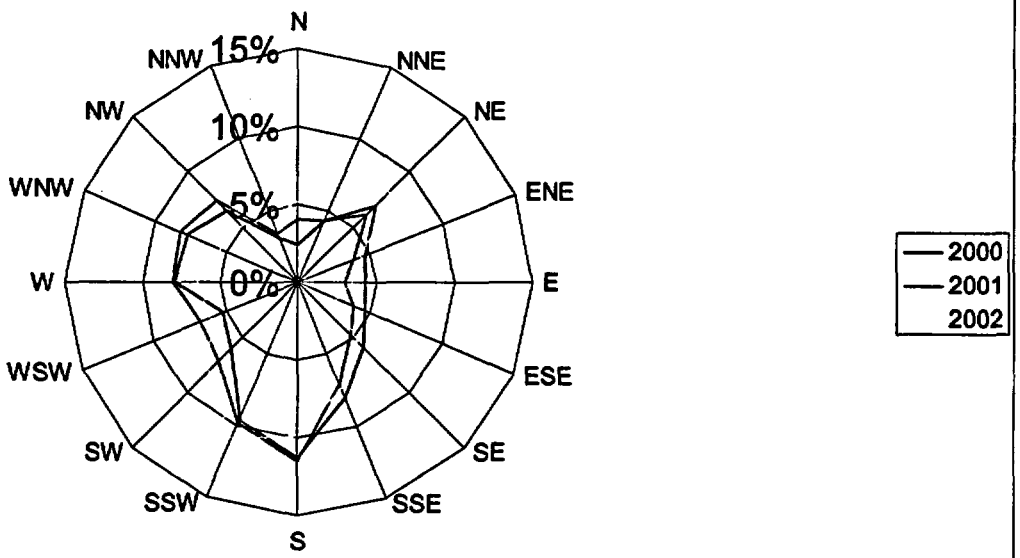
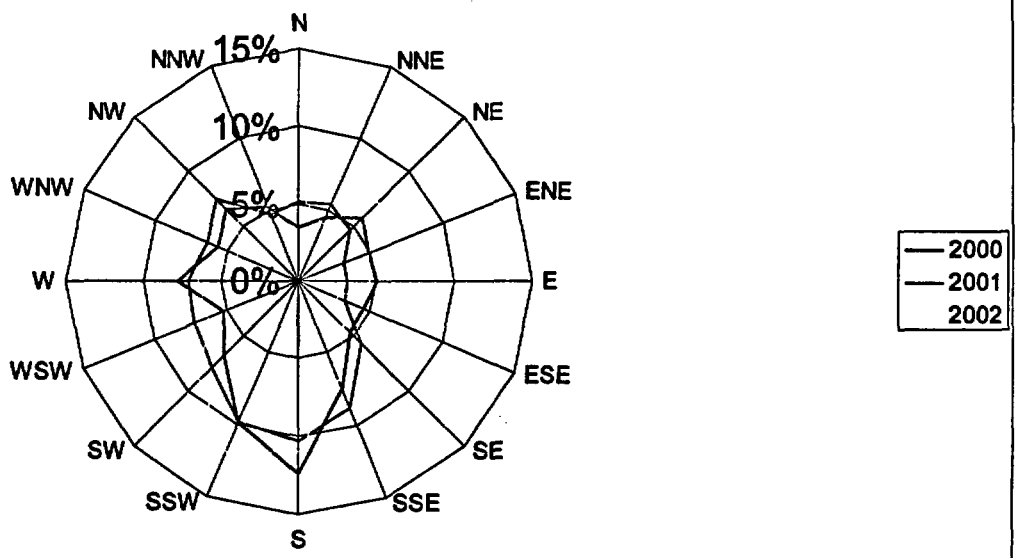

CPS: 10-m Wind Speed Frequency
Precent Frequency
50%
40%
30%
20%
10%
0%
2000
2001
2002
Calm
<1.0
<1.5
<3.0
<5.0
<8.0
<99.0
Wind Speed Category (m/sec)

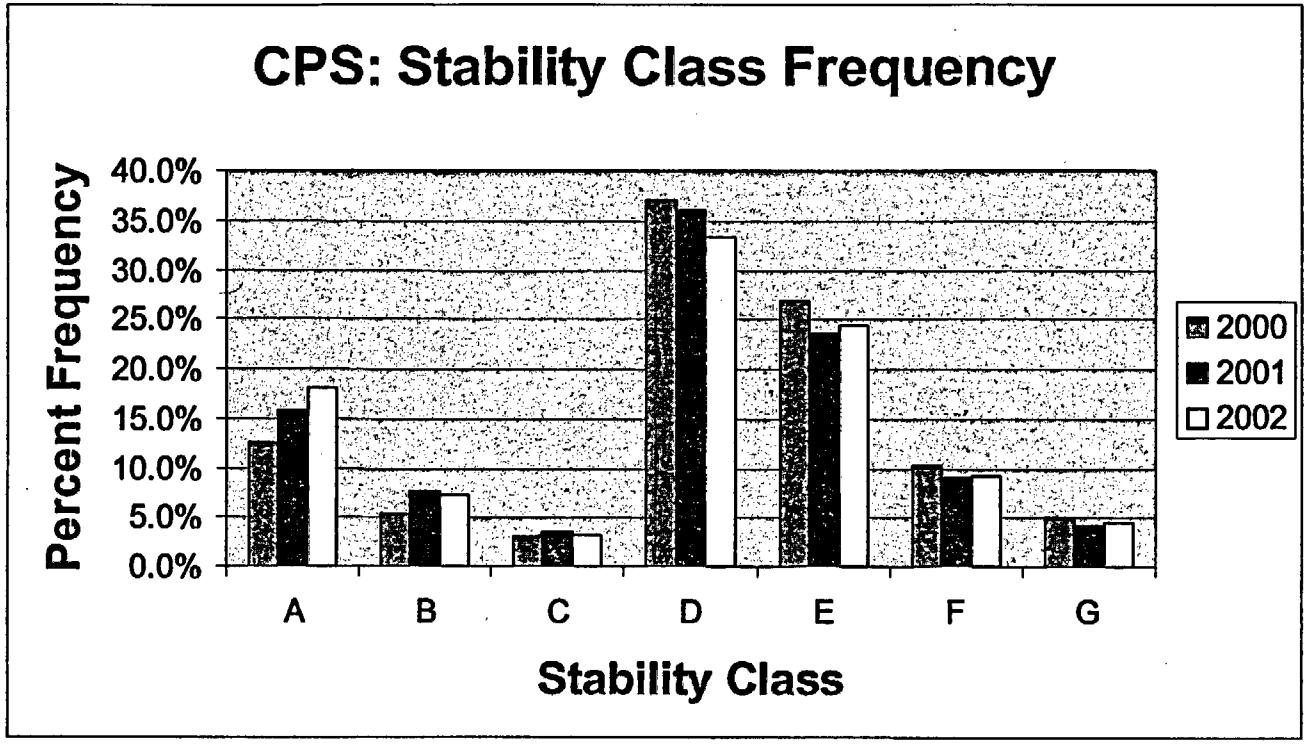

CPS 60-m Wind Speed Frequency
Precent Frequency
50%
40%
30%
20%
10%
0%
2000
2001
2002
Calm
<1.0
<1.5
<3.0
<5.0
<8.0
<99.0
Wind Speed Category (m/sec)

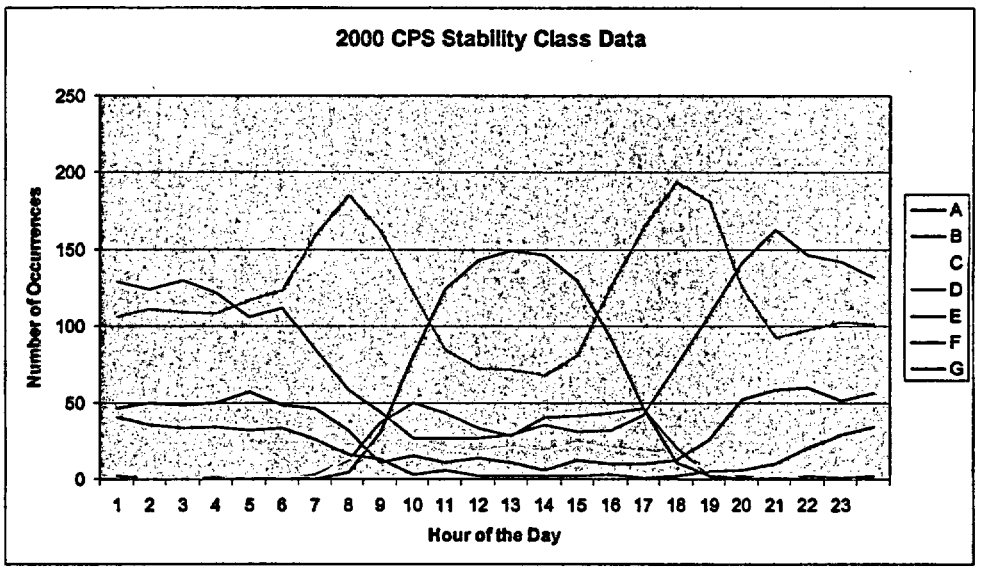
CPS: 10-m Wind Direction Frequency

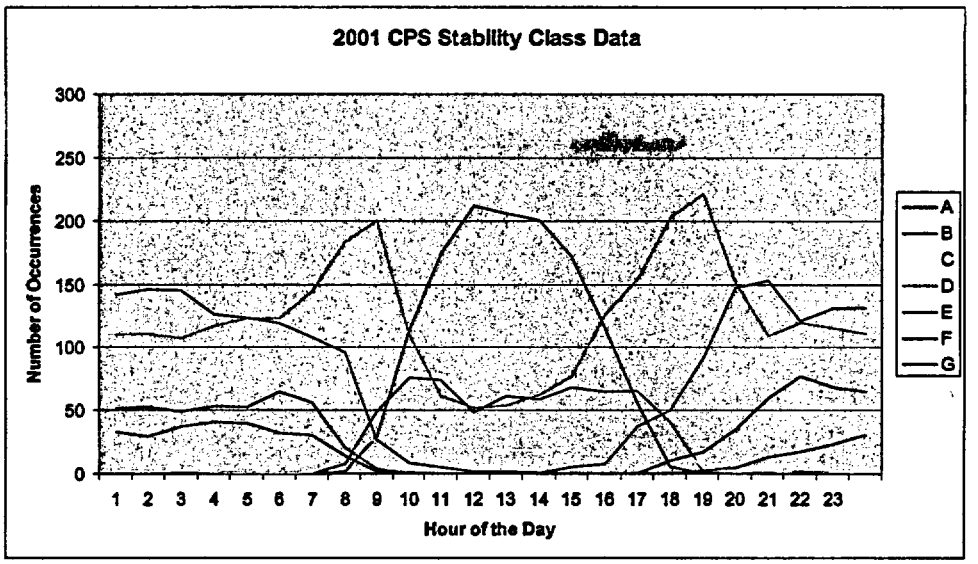


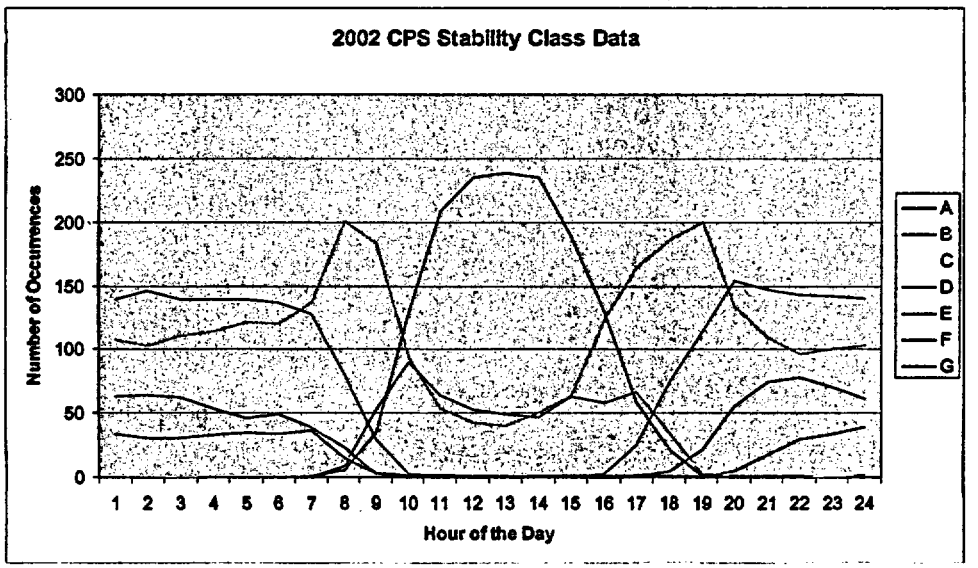
CPS 60-m Wind Direction Frequency

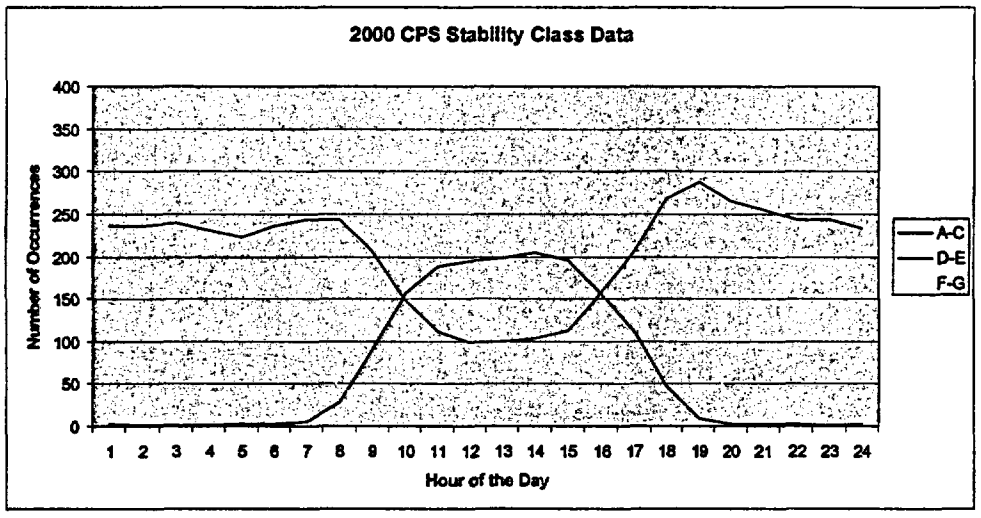


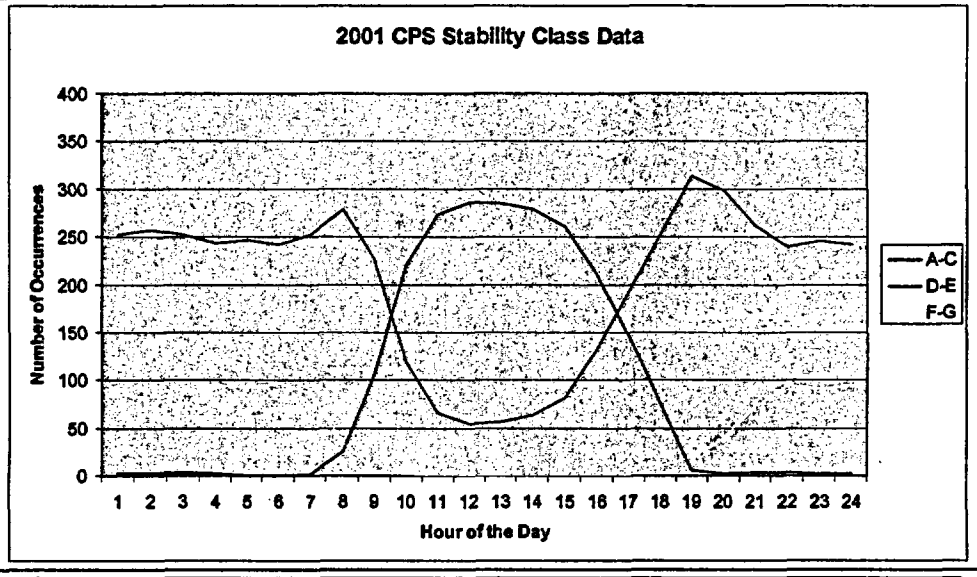

CPS: Stability Class Frequency
Percent Frequency
40.0%
35.0%
30.0%
25.0%
20.0%
15.0%
10.0%
5.0%
0.0%
A
B
C
D
E
F
G
Stability Class
2000
2001
2002

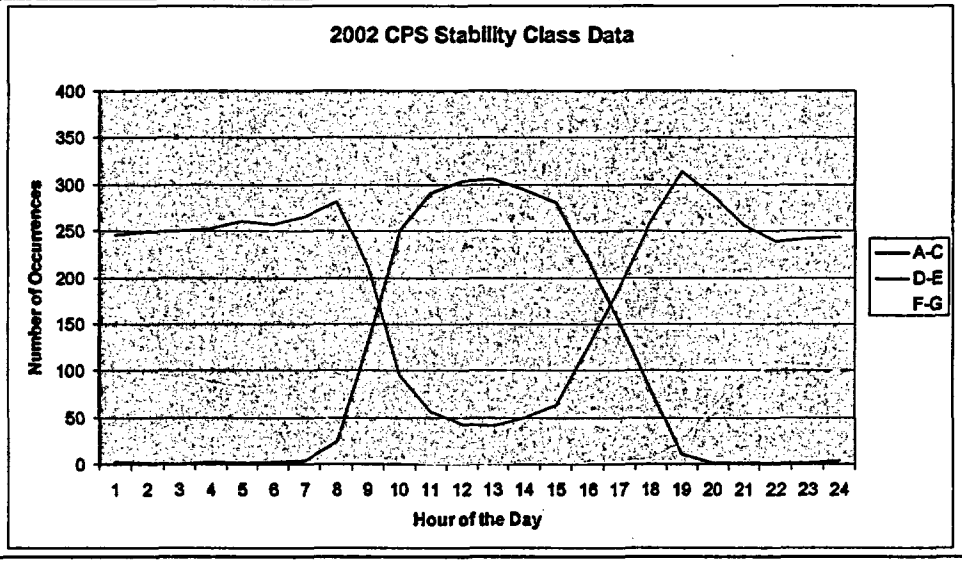

2000 CPS Stability Class Data
Number of Occurrences
250
200
150
100
50
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Hour of the Day
A
B
C
D
E
F
G


2001 CPS Stability Class Data
Number of Occurrences
300
250
200
150
100
50
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Hour of the Day
A
B
C
D
E
F
G


2002 CPS Stability Class Data
Number of Occurrences
300
250
200
150
100
50
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
Hour of the Day
A
B
C
D
E
F
G

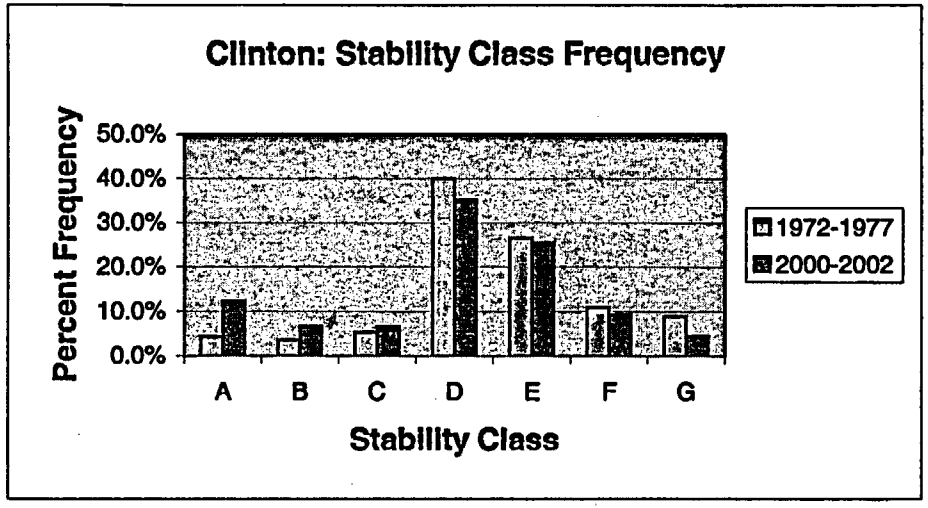

2000 CPS Stability Class Data
Number of Occurrences
Hour of the Day
A-C
D-E
F-G


2001 CPS Stability Class Data
Number of Occurrences
Hour of the Day
A-C
D-E
F-G


2002 CPS Stability Class Data
Number of Occurrences
Hour of the Day
A-C
D-E
F-G

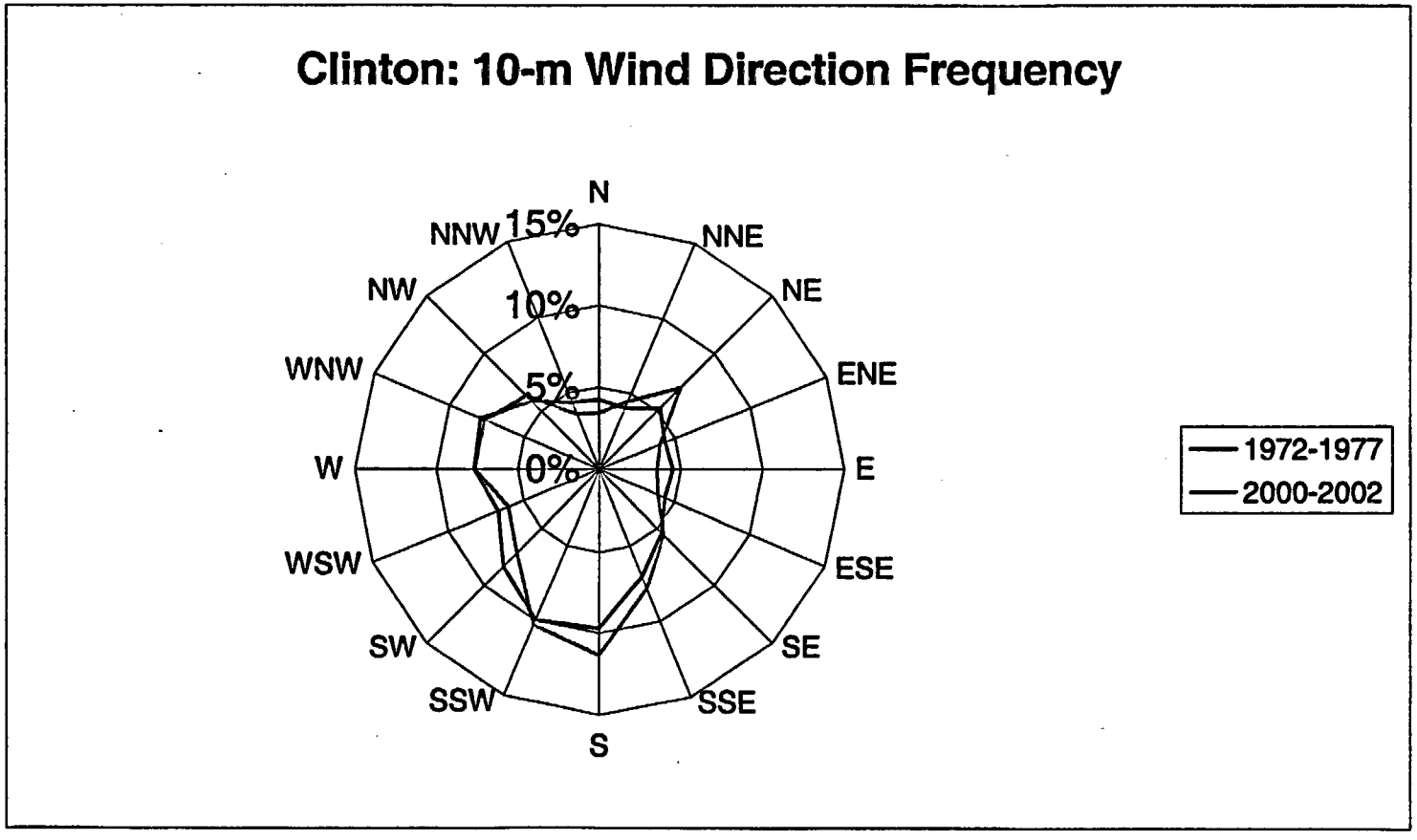
Pasquill Stability Category Percent Occurrence

Year	A	B	C	D	E	F	G	Total
1972-1977	4.3%	3.6%	5.4%	40.1%	26.5%	10.9%	8.9%	99.7%
2000-2002	12.3%	6.8%	6.6%	35.2%	25.4%	9.3%	4.4%	100.0%
Average	8.3%	5.2%	6.0%	37.6%	26.0%	10.1%	6.7%	99.9%

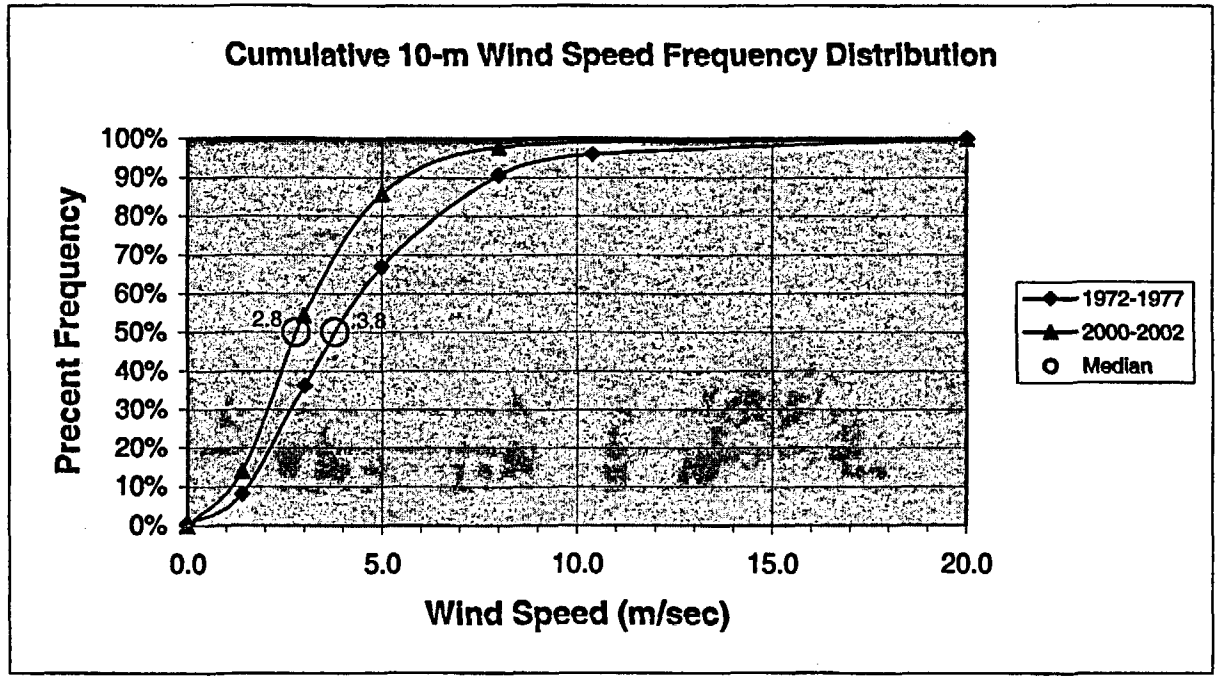


Wind Direction Frequency (%)

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Calm	Total
1972-1977	4.3%	4.1%	5.3%	4.3%	4.5%	4.4%	5.4%	7.0%	9.7%	10.0%	8.3%	6.7%	7.7%	7.9%	5.8%	4.4%	0.3%	100.0%
2000-2002	3.4%	4.5%	7.0%	4.0%	3.5%	3.9%	5.6%	7.8%	11.4%	10.3%	7.2%	6.0%	7.6%	7.6%	6.3%	3.6%	0.0%	100.0%
Average	3.8%	4.3%	6.2%	4.2%	4.0%	4.1%	5.5%	7.4%	10.5%	10.1%	7.7%	6.4%	7.7%	7.8%	6.1%	4.0%	0.2%	100.0%



	0.0	1.4	3.0	5.0	8.0	10.4	20.0	Total
1972-1977	0.3%	7.7%	28.2%	30.7%	23.7%	5.5%	4.0%	100.0%
	0.3%	8.0%	36.2%	66.9%	90.6%	96.1%	100.0%	
	0.0	1.4	3.0	5.0	8.0	20.0		
2000-2002	0.0%	13.8%	40.4%	31.4%	12.2%	2.2%		
	0.0%	13.9%	54.3%	85.7%	97.9%	100.0%		
			3.8		2.8			
Median			50%		50%			



2000

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PROGRAM: DATEDATA      VERSION: 4.0          DATED: May 1997                TIME = 11: 4:43.34     DATE =  6- 4-2004
TITLE: Clinton 2000 Met Data
HOURLY DATA CODED:  1-24

DATE OF FIRST DATA RECORD READ: 2000   1   1

NO ERRORS FOUND IN DATE SEQUENCE OF DATA

DATE OF LAST DATA RECORD READ: 2000 366  24        RECORD NO.  8784
```

Cl_2000.mis

PROGRAM: MISS VERSION: 4.0 DATED: MAY 1997 TIME = 11: 4:49.73 DATE = 6- 4-2004
TITLE: Clinton 2000 Met Data
INPUT OPTIONS:
STARTING DATE: 2000 1 1
ENDING DATE: 2000 12 31

HOURLY SUMMARY OF MISSING DATA

	60.0 METERS				0.0 METERS				10.0 METERS				TEMPERATURE DIFFERENCE (DEGREES C/100 METERS)			
PERIOD OF OCCURRENCE (HOURS)	WIND DIR (DEG)	WIND SPEED (M/S)	TEMP (C)	DEW POINT (C)	WIND DIR (DEG)	WIND SPEED (M/S)	TEMP (C)	DEW POINT (C)	WIND DIR (DEG)	WIND SPEED (M/S)	TEMP (C)	DEW POINT (C)	60.0-10.0	60.0-0.0	0.0-10.0	PRECIP (MM)
1	6	6	10	0	0	0	0	0	8	7	6	0	6	0	0	0
2	3	3	5	0	0	0	0	0	4	3	3	0	6	0	0	0
3	5	3	3	0	0	0	0	0	3	3	3	0	7	0	0	0
4	2	3	4	0	0	0	0	0	2	2	3	0	2	0	0	0
5	1	0	3	0	0	0	0	0	1	1	2	0	3	0	0	0
6	4	5	2	0	0	0	0	0	4	4	1	0	4	0	0	0
7-11	7	7	8	0	0	0	0	0	7	7	8	0	8	0	0	0
12-23	12	12	15	0	0	0	0	0	12	12	14	0	12	0	0	0
24-47	14	13	13	0	0	0	0	0	14	13	13	0	13	0	0	0
48-71	2	2	2	0	0	0	0	0	2	2	2	0	2	0	0	0
72-95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96-119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>120	1	1	1	0	0	0	0	0	1	1	1	0	1	0	0	0
LONGEST CASE	187	187	189	0	0	0	0	0	187	187	189	0	187	0	0	0
TOTAL HOURS MISSING	1083	1045	1109	0	0	0	0	0	1079	1038	1077	0	1074	0	0	0
TOTAL HOURS	8784	8784	8784	8784	8784	8784	8784	8784	8784	8784	8784	8784	8784	8784	8784	8784
PERCENT DATA RECOVERY	87.7	88.1	87.4	100.0	100.0	100.0	100.0	100.0	87.7	88.2	87.7	100.0	87.8	100.0	100.0	100.0

?

PROGRAM: QA VERSION: 4 DATED: MARCH 1999 TIME = 11: 4:59.87 DATE = 6- 4-2004
TITLE: Clinton 2000 Met Data

CHECK FOLLOWING LEVEL(S) OF DATA:
LOWER
UPPER
CHECK FOLLOWING DELTA-T INTERVALS:
UPPER MINUS LOWER
CHECK WIND SPEED AND DIRECTION: YES
CHECK TEMPERATURE: NO
CHECK DEW POINT: NO
CHECK PRECIPITATION: NO
CHECK DATA: BEGINNING - 2000 1 1
ENDING - 2000 12 31

NUMBER OF OCCURRENCES OF WS AT 60.0 M LOWER THAN THE WS AT 10.0 M EQUALS 261
NUMBER OF OCCURRENCES OF WD AT 60.0 M EQUALS TO WD AT 10.0 M EQUALS 348
NUMBER OF OCCURRENCES OF WS AT 60.0 M EQUAL TO WS AT 10.0 M EQUALS 73
WD DIFFERENCE BETWEEN 60.0 M AND 10.0 M IS GREATER THAN OR EQUAL TO 22.5 DEGREES AND
WS AT EITHER LEVEL IS GREATER THAN OR EQUAL TO 2.5 M/SEC OCCURRENCES = 688
WS AT EITHER LEVEL IS GREATER THAN OR EQUAL TO 5.0 M/SEC OCCURRENCES = 250
WS AT EITHER LEVEL IS GREATER THAN OR EQUAL TO 7.5 M/SEC OCCURRENCES = 60

SUMMARY OF MAXIMUM AND MINIMUM VALUES

	60.0 M			0.0 M			10.0 M		
	HRS	MIN	MAX	HRS	MIN	MAX	HRS	MIN	MAX
WIND DIRECTION (DEG)	7701	0.0	360.0	8784	0.0	0.0	7705	0.0	360.0
WIND SPEED (M/S)	7739	0.0	16.2	8784	0.0	0.0	7746	0.0	12.1
TEMPERATURE (DEG C)	7675	-21.3	38.2	8784	0.0	0.0	7707	-20.6	33.4
MOISTURE (DEG C OR %)	8784	0.0	0.0	8784	0.0	0.0	8784	0.0	0.0

	60.0 - 10.0 M			60.0 - 0.0 M			0.0 - 10.0 M		
DELTA T (DEG C/100M)	7710	-4.6	12.3	8784	0.0	0.0	8784	0.0	0.0

***** LAST DATA RECORD HAS BEEN READ *****
***** EXECUTION SUCCESSFULLY TERMINATED *****

YR	DY	HR	Observation
2			HEIGHT = 10.0 M WIND FROM SECTOR E FOR PREVIOUS 8 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR E FOR PREVIOUS 9 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR N FOR PREVIOUS 8 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR N FOR PREVIOUS 18 HOUR PERIOD Count
2			HEIGHT = 10.0 M WIND FROM SECTOR S FOR PREVIOUS 8 HOUR PERIOD Count
2			HEIGHT = 10.0 M WIND FROM SECTOR S FOR PREVIOUS 9 HOUR PERIOD Count
2			HEIGHT = 10.0 M WIND FROM SECTOR S FOR PREVIOUS 10 HOUR PERIOD Count
2			HEIGHT = 10.0 M WIND FROM SECTOR S FOR PREVIOUS 16 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR S FOR PREVIOUS 18 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR W FOR PREVIOUS 8 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR W FOR PREVIOUS 10 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR W FOR PREVIOUS 12 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR W FOR PREVIOUS 13 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR W FOR PREVIOUS 14 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR W FOR PREVIOUS 15 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR W FOR PREVIOUS 16 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR W FOR PREVIOUS 18 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR W FOR PREVIOUS 19 HOUR PERIOD Count
2			HEIGHT = 10.0 M WIND FROM SECTOR NE FOR PREVIOUS 8 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR NE FOR PREVIOUS 9 HOUR PERIOD Count
3			HEIGHT = 10.0 M WIND FROM SECTOR NE FOR PREVIOUS 11 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR NE FOR PREVIOUS 28 HOUR PERIOD Count
3			HEIGHT = 10.0 M WIND FROM SECTOR NW FOR PREVIOUS 8 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR NW FOR PREVIOUS 11 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR SE FOR PREVIOUS 8 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR SE FOR PREVIOUS 10 HOUR PERIOD Count
3			HEIGHT = 10.0 M WIND FROM SECTOR SE FOR PREVIOUS 11 HOUR PERIOD Count
3			HEIGHT = 10.0 M WIND FROM SECTOR SW FOR PREVIOUS 8 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR SW FOR PREVIOUS 9 HOUR PERIOD Count
2			HEIGHT = 10.0 M WIND FROM SECTOR SW FOR PREVIOUS 10 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR ENE FOR PREVIOUS 9 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR ENE FOR PREVIOUS 11 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR ESE FOR PREVIOUS 8 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR ESE FOR PREVIOUS 12 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR NNE FOR PREVIOUS 8 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR NNE FOR PREVIOUS 14 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR SSE FOR PREVIOUS 9 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR SSE FOR PREVIOUS 10 HOUR PERIOD Count

1	HEIGHT =	10.0 M	WIND FROM SECTOR SSE FOR PREVIOUS	13 HOUR PERIOD Count
10	HEIGHT =	10.0 M	WIND FROM SECTOR SSW FOR PREVIOUS	8 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR SSW FOR PREVIOUS	9 HOUR PERIOD Count
3	HEIGHT =	10.0 M	WIND FROM SECTOR SSW FOR PREVIOUS	10 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR SSW FOR PREVIOUS	13 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR WNW FOR PREVIOUS	8 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR WNW FOR PREVIOUS	9 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR WNW FOR PREVIOUS	10 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR WNW FOR PREVIOUS	11 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR WNW FOR PREVIOUS	12 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR WNW FOR PREVIOUS	13 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR WNW FOR PREVIOUS	16 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR WNW FOR PREVIOUS	17 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR WNW FOR PREVIOUS	18 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR WSW FOR PREVIOUS	8 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR WSW FOR PREVIOUS	9 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR WSW FOR PREVIOUS	10 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR WSW FOR PREVIOUS	11 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR E FOR PREVIOUS	8 HOUR PERIOD Count
3	HEIGHT =	60.0 M	WIND FROM SECTOR E FOR PREVIOUS	9 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR E FOR PREVIOUS	10 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR N FOR PREVIOUS	8 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR N FOR PREVIOUS	9 HOUR PERIOD Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR N FOR PREVIOUS	11 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR N FOR PREVIOUS	12 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR N FOR PREVIOUS	22 HOUR PERIOD Count
5	HEIGHT =	60.0 M	WIND FROM SECTOR S FOR PREVIOUS	8 HOUR PERIOD Count
5	HEIGHT =	60.0 M	WIND FROM SECTOR S FOR PREVIOUS	9 HOUR PERIOD Count
6	HEIGHT =	60.0 M	WIND FROM SECTOR S FOR PREVIOUS	10 HOUR PERIOD Count
3	HEIGHT =	60.0 M	WIND FROM SECTOR S FOR PREVIOUS	11 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR S FOR PREVIOUS	12 HOUR PERIOD Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR S FOR PREVIOUS	13 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR S FOR PREVIOUS	14 HOUR PERIOD Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR S FOR PREVIOUS	15 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR W FOR PREVIOUS	8 HOUR PERIOD Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR W FOR PREVIOUS	9 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR W FOR PREVIOUS	10 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR W FOR PREVIOUS	11 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR W FOR PREVIOUS	12 HOUR PERIOD Count

2	HEIGHT =	60.0 M	WIND FROM SECTOR	W FOR PREVIOUS	13 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	W FOR PREVIOUS	14 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	W FOR PREVIOUS	16 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	W FOR PREVIOUS	18 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	9 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	10 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	12 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	23 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	10 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	13 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	14 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	16 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SE FOR PREVIOUS	8 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SE FOR PREVIOUS	10 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SE FOR PREVIOUS	11 HOUR PERIOD	Count
3	HEIGHT =	60.0 M	WIND FROM SECTOR	SW FOR PREVIOUS	8 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SW FOR PREVIOUS	11 HOUR PERIOD	Count
4	HEIGHT =	60.0 M	WIND FROM SECTOR	SW FOR PREVIOUS	12 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	ENE FOR PREVIOUS	8 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	ENE FOR PREVIOUS	9 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	ENE FOR PREVIOUS	12 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	ENE FOR PREVIOUS	17 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	ESE FOR PREVIOUS	9 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	ESE FOR PREVIOUS	10 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	NNE FOR PREVIOUS	8 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	NNE FOR PREVIOUS	9 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NNE FOR PREVIOUS	11 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NNE FOR PREVIOUS	16 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	NNW FOR PREVIOUS	8 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	NNW FOR PREVIOUS	9 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NNW FOR PREVIOUS	10 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NNW FOR PREVIOUS	11 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	NNW FOR PREVIOUS	14 HOUR PERIOD	Count
4	HEIGHT =	60.0 M	WIND FROM SECTOR	SSE FOR PREVIOUS	8 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	SSE FOR PREVIOUS	10 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SSE FOR PREVIOUS	11 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SSE FOR PREVIOUS	18 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SSE FOR PREVIOUS	19 HOUR PERIOD	Count
5	HEIGHT =	60.0 M	WIND FROM SECTOR	SSW FOR PREVIOUS	8 HOUR PERIOD	Count

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 4    HEIGHT =  60.0 M   WIND FROM SECTOR SSW FOR PREVIOUS  9 HOUR PERIOD Count
 4    HEIGHT =  60.0 M   WIND FROM SECTOR SSW FOR PREVIOUS 10 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR SSW FOR PREVIOUS 11 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR WNW FOR PREVIOUS  8 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR WNW FOR PREVIOUS 10 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR WNW FOR PREVIOUS 12 HOUR PERIOD Count
 2    HEIGHT =  60.0 M   WIND FROM SECTOR WNW FOR PREVIOUS 16 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR WSW FOR PREVIOUS  8 HOUR PERIOD Count
 2    HEIGHT =  60.0 M   WIND FROM SECTOR WSW FOR PREVIOUS 11 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR WSW FOR PREVIOUS 12 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR WSW FOR PREVIOUS 17 HOUR PERIOD Count
 1    LAPSE RATE OF  -4.6 DEGREES C/100 METERS BETWEEN 60.0 M AND 10.0 M EXCEEDS THE AUTOCONVECTIVE LAPSE RATE Cou
 2    STABILITY CLASS  A  DURING NIGHT BETWEEN 60.0 M AND 10.0 M Count
12    STABILITY CLASS  B  DURING NIGHT BETWEEN 60.0 M AND 10.0 M Count
11    STABILITY CLASS  C  DURING NIGHT BETWEEN 60.0 M AND 10.0 M Count
 6    STABILITY CLASS  D LASTED FOR PREVIOUS 13 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 5    STABILITY CLASS  D LASTED FOR PREVIOUS 14 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 4    STABILITY CLASS  D LASTED FOR PREVIOUS 15 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
10    STABILITY CLASS  D LASTED FOR PREVIOUS 16 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 5    STABILITY CLASS  D LASTED FOR PREVIOUS 17 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 5    STABILITY CLASS  D LASTED FOR PREVIOUS 18 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 6    STABILITY CLASS  D LASTED FOR PREVIOUS 19 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 1    STABILITY CLASS  D LASTED FOR PREVIOUS 20 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 2    STABILITY CLASS  D LASTED FOR PREVIOUS 21 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 2    STABILITY CLASS  D LASTED FOR PREVIOUS 22 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 1    STABILITY CLASS  D LASTED FOR PREVIOUS 23 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 1    STABILITY CLASS  D LASTED FOR PREVIOUS 24 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 2    STABILITY CLASS  D LASTED FOR PREVIOUS 25 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 2    STABILITY CLASS  D LASTED FOR PREVIOUS 27 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 1    STABILITY CLASS  D LASTED FOR PREVIOUS 29 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 1    STABILITY CLASS  D LASTED FOR PREVIOUS 30 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 1    STABILITY CLASS  D LASTED FOR PREVIOUS 31 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 1    STABILITY CLASS  D LASTED FOR PREVIOUS 32 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 1    STABILITY CLASS  D LASTED FOR PREVIOUS 38 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 1    STABILITY CLASS  D LASTED FOR PREVIOUS 44 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 5    STABILITY CLASS  E LASTED FOR PREVIOUS 13 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 1    STABILITY CLASS  E LASTED FOR PREVIOUS 14 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
 1    STABILITY CLASS  E LASTED FOR PREVIOUS 20 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
177    STABILITY CLASS  F  DURING DAY BETWEEN 60.0 M AND 10.0 M Count
```

1	STABILITY CLASS F LASTED FOR PREVIOUS 13 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
70	STABILITY CLASS G DURING DAY BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS G LASTED FOR PREVIOUS 13 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
3	STABILITY CLASS JUMPED FROM A TO E OVER ONE HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS JUMPED FROM B TO F OVER ONE HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
5	STABILITY CLASS JUMPED FROM E TO A OVER ONE HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
4	STABILITY CLASS JUMPED FROM F TO B OVER ONE HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
136	WIND SPEED GREATER THAN 7.5 M/SEC FOR STABILITY CLASS A BETWEEN 60.0 M AND 10.0 M Count
96	WIND SPEED GREATER THAN 7.5 M/SEC FOR STABILITY CLASS B BETWEEN 60.0 M AND 10.0 M Count
55	WIND SPEED GREATER THAN 7.5 M/SEC FOR STABILITY CLASS C BETWEEN 60.0 M AND 10.0 M Count
64	WIND SPEED GREATER THAN 7.5 M/SEC FOR STABILITY CLASS F BETWEEN 60.0 M AND 10.0 M Count
37	WIND SPEED GREATER THAN 7.5 M/SEC FOR STABILITY CLASS G BETWEEN 60.0 M AND 10.0 M Count
947	Grand Count

PROGRAM: STABQ VERSION: 4.0 DATED: MAY 1997 TIME = 11: 4:54.85 DATE = 6- 4-2004
TITLE: Clinton 2000 Met Data

COMPUTE STABILITY BASED ON: DELTA-T
START DATE: 2000 1 1
END DATE: 2000 12 31

STABILITY BASED ON DELTA-T BETWEEN 60.0- 10.0 METERS
NUMBER OF OCCURRENCES

PERIOD OF OCCURRENCE (HOURS)	STABILITY A	B	C	D	E	F	G
1	62	214	157	266	228	171	53
2	40	54	24	145	125	88	30
3	30	18	6	61	81	40	13
4	26	4	3	41	50	30	8
5	23	1	0	31	26	13	8
6	23	2	0	22	31	8	2
7-11	48	0	0	58	68	9	17
12-23	0	0	0	50	18	1	1
24-47	0	0	0	11	0	0	0
48-71	0	0	0	0	0	0	0
72-95	0	0	0	0	0	0	0
96-119	0	0	0	0	0	0	0
>120	0	0	0	0	0	0	0
LONGEST CASE	10	6	4	44	20	13	13
FREQUENCY OF CLASS (%)	12.46	5.30	3.05	37.08	26.78	10.27	5.05

PROGRAM: JFREQ VERSION: 5.0 DATED: MAY 1997 TIME = 11:49: 5.43 DATE = 6- 4-2004
TITLE:Clinton 2000 Met Data

WIND DATA FROM LEVEL: LOWER
DELTA-T INTERVAL: UPPER MINUS LOWER
Create Hourly JFD for PAVAN: YES
HOURLY DATA CODED: 01-24
WRITE STABILITY CLASS BY HOUR OF DAY: YES
CALM WINDS CODED: 0.50 M/S
NO WINDS CODED AS A VARIABLE DIRECTION
JFD FOR DATA PERIOD: BEGINNING - 2000 1 1
ENDING - 2000 12 31

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS A

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
CALM- 0.75	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
0.75- 1.00	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0	4
1.00- 1.25	0	0	1	0	1	2	1	7	1	0	0	1	0	0	0	0	14
1.25- 1.50	0	0	1	2	2	5	5	1	1	2	4	2	2	1	0	0	28
1.50- 2.00	1	0	1	6	7	18	10	4	8	5	4	7	3	5	0	1	80
2.00- 3.00	4	0	23	14	18	22	21	18	20	25	36	8	14	15	10	0	248
3.00- 4.00	1	5	20	4	4	5	13	16	33	39	37	29	19	13	22	2	262
4.00- 5.00	2	0	3	3	0	0	7	2	19	30	19	6	23	17	16	3	150
5.00- 6.00	1	3	5	3	0	1	1	2	15	9	11	0	4	10	11	3	79
6.00- 8.00	2	4	6	1	1	0	3	4	4	4	0	6	16	8	6	3	68
8.00-10.00	0	0	0	0	0	0	0	1	4	1	1	2	7	3	1	1	21
>10.00	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	3
VARIABLE																	0
TOTAL	11	12	61	33	33	54	63	56	107	116	112	61	89	72	66	13	961

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS B

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
CALM- 0.75	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	3
0.75- 1.00	0	0	0	0	0	0	0	0	1	1	1	2	0	0	0	0	5
1.00- 1.25	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	4
1.25- 1.50	0	0	0	0	1	5	2	1	1	1	3	1	0	0	0	0	15
1.50- 2.00	1	0	2	6	2	5	5	5	3	2	1	3	1	0	3	1	40
2.00- 3.00	2	1	7	6	1	4	8	7	13	6	7	4	3	11	5	3	88
3.00- 4.00	6	2	6	4	0	0	5	8	7	7	6	4	5	5	6	3	74
4.00- 5.00	2	1	4	3	1	0	3	7	2	9	9	6	5	10	7	2	71
5.00- 6.00	5	6	2	0	0	0	1	4	6	8	5	2	1	13	2	3	58
6.00- 8.00	3	4	0	0	0	0	1	0	1	3	2	0	9	3	5	1	32
8.00-10.00	1	1	0	0	0	0	0	0	3	0	1	2	1	2	2	1	14
>10.00	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3
VARIABLE																	0
TOTAL	20	15	21	19	5	17	28	32	39	38	35	24	26	44	30	14	409

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS C

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	3
CALM- 0.75	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2
0.75- 1.00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
1.00- 1.25	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
1.25- 1.50	0	0	1	1	2	1	0	2	1	1	0	1	0	0	0	0	10
1.50- 2.00	1	0	2	3	3	2	2	3	1	0	2	0	0	0	2	0	21
2.00- 3.00	2	0	6	2	3	1	4	3	2	5	5	0	5	4	7	2	51
3.00- 4.00	2	3	2	0	0	2	3	5	8	4	3	3	5	2	3	2	47
4.00- 5.00	3	1	1	1	0	0	2	4	5	3	2	2	8	1	3	0	36
5.00- 6.00	2	0	4	1	0	0	2	0	0	1	2	2	2	2	5	3	26
6.00- 8.00	1	2	0	0	0	0	0	3	2	3	2	0	3	2	5	3	26
8.00-10.00	0	2	0	0	0	0	0	0	1	2	0	2	1	1	0	0	9
>10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VARIABLE																	0
TOTAL	12	8	16	9	8	6	13	20	20	19	17	10	24	13	26	11	235

CALM= 0.50 M/S

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS D

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	15
CALM- 0.75	0	0	0	6	2	4	1	1	0	1	1	1	0	0	0	0	17
0.75- 1.00	1	0	2	5	5	10	6	9	3	5	5	1	5	1	0	1	59
1.00- 1.25	1	3	3	5	9	8	4	4	1	2	5	3	6	1	2	4	61
1.25- 1.50	4	5	8	10	10	17	7	6	3	5	8	3	11	9	7	1	114
1.50- 2.00	8	12	21	16	25	19	23	26	14	16	10	10	14	17	10	6	247
2.00- 3.00	23	23	57	37	33	51	51	74	59	53	28	28	27	25	37	29	635
3.00- 4.00	18	34	59	19	8	18	41	54	73	57	26	25	50	48	40	22	592
4.00- 5.00	18	43	49	5	1	9	22	44	73	51	23	22	43	54	32	19	508
5.00- 6.00	9	16	6	4	0	4	6	14	42	43	7	11	53	45	27	11	298
6.00- 8.00	6	14	7	1	0	1	3	12	25	28	5	3	58	61	19	5	248
8.00-10.00	0	3	4	0	0	0	0	0	1	7	0	1	10	18	3	1	48
>10.00	0	0	0	0	0	0	0	0	0	1	2	0	3	4	0	0	10
VARIABLE																	0
TOTAL	88	153	216	108	93	141	164	244	294	269	120	108	280	283	177	99	2852

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS E

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	29
CALM- 0.75	2	0	2	2	5	3	2	4	0	1	0	2	1	0	0	0	24
0.75- 1.00	0	4	2	9	2	17	14	5	4	3	2	1	4	2	6	1	76
1.00- 1.25	2	5	3	9	6	15	8	5	5	4	4	1	3	4	3	2	79
1.25- 1.50	1	6	21	16	22	20	18	13	8	8	3	8	6	3	2	1	156
1.50- 2.00	7	9	22	14	30	28	35	36	25	18	14	15	9	10	8	8	288
2.00- 3.00	10	26	39	31	30	19	41	78	130	66	30	29	35	44	39	32	679
3.00- 4.00	9	12	9	8	7	3	9	36	68	52	24	33	36	25	8	13	352
4.00- 5.00	6	2	2	2	0	1	4	13	38	47	14	6	15	18	5	11	184
5.00- 6.00	0	4	0	0	1	1	2	5	18	19	7	4	14	8	7	3	93
6.00- 8.00	0	3	1	0	0	0	1	3	13	12	2	3	10	2	7	4	61
8.00-10.00	0	0	0	0	0	0	0	0	6	2	1	0	1	2	3	0	15
>10.00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
VARIABLE																	0
TOTAL	37	71	101	91	103	107	134	198	317	232	101	102	134	118	88	75	2038

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS F

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	28
CALM- 0.75	1	3	3	2	1	1	3	1	1	1	1	2	1	3	1	1	26
0.75- 1.00	2	3	11	6	5	5	4	3	1	6	2	3	3	1	3	3	61
1.00- 1.25	1	4	8	3	5	4	5	5	5	2	1	3	3	6	3	1	59
1.25- 1.50	1	8	7	1	5	7	7	8	7	5	4	1	4	6	7	1	79
1.50- 2.00	2	10	10	7	10	1	13	10	17	7	8	3	11	14	19	1	143
2.00- 3.00	5	10	13	18	12	3	12	28	31	26	13	11	15	7	22	5	231
3.00- 4.00	1	5	3	17	9	0	0	2	6	3	10	12	2	6	5	3	84
4.00- 5.00	0	0	3	5	4	1	0	0	1	1	5	9	0	1	3	2	35
5.00- 6.00	1	0	0	2	1	0	0	0	1	0	5	8	0	0	0	3	21
6.00- 8.00	0	0	0	0	0	0	0	0	0	0	1	7	2	0	1	2	13
8.00-10.00	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
>10.00	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
VARIABLE																	0
TOTAL	14	43	58	61	52	22	44	57	71	51	50	63	41	44	64	22	785

CALM= 0.50 M/S

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS G

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	30
CALM- 0.75	1	3	2	0	1	1	1	0	0	1	2	4	2	1	1	1	21
0.75- 1.00	0	4	8	5	9	9	1	1	1	0	5	8	3	12	7	0	73
1.00- 1.25	0	0	7	3	4	0	0	0	1	1	4	0	4	1	4	0	29
1.25- 1.50	0	6	14	6	1	0	3	3	5	3	2	4	2	3	6	1	59
1.50- 2.00	1	6	16	2	4	1	5	4	9	2	4	2	5	3	12	0	76
2.00- 3.00	0	3	9	6	5	2	2	3	0	1	5	8	1	2	7	1	55
3.00- 4.00	0	1	0	3	6	0	0	0	0	0	1	5	0	0	6	0	22
4.00- 5.00	0	0	0	2	2	0	0	0	0	0	2	1	0	0	0	1	8
5.00- 6.00	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	3
6.00- 8.00	0	0	0	2	2	0	0	0	0	0	3	2	0	0	0	0	9
8.00-10.00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
>10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VARIABLE																	0
TOTAL	2	23	57	29	35	13	12	11	16	8	29	36	17	22	43	4	387

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS ALL

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	109
CALM- 0.75	4	6	7	11	9	10	9	6	2	4	4	9	5	4	2	3	95
0.75- 1.00	4	11	24	25	21	42	26	18	10	16	15	15	15	16	17	5	280
1.00- 1.25	4	12	22	20	25	31	20	21	13	9	15	8	16	13	12	7	248
1.25- 1.50	6	25	52	36	43	55	42	34	26	25	24	20	25	22	22	4	461
1.50- 2.00	21	37	74	54	81	74	93	88	77	50	43	40	43	49	54	17	895
2.00- 3.00	46	63	154	114	102	102	139	211	255	182	124	88	100	108	127	72	1987
3.00- 4.00	37	62	99	55	34	28	71	121	195	162	107	111	117	99	90	45	1433
4.00- 5.00	31	47	62	21	8	11	38	70	138	141	74	52	94	101	66	38	992
5.00- 6.00	18	29	18	10	3	6	12	25	82	80	38	27	74	78	52	26	578
6.00- 8.00	12	27	14	4	3	1	8	22	45	50	15	21	98	76	43	18	457
8.00-10.00	1	6	4	0	0	0	0	1	15	12	3	12	20	26	9	3	112
>10.00	0	0	0	0	0	0	0	1	6	2	2	1	4	4	0	0	20
VARIABLE																	0
TOTAL	184	325	530	350	329	360	458	618	864	733	464	404	611	596	494	238	7667

CALM= 0.50 M/S

TOTAL VALID HOURS = 7667 TOTAL POSSIBLE HOURS = 8784

OVERALL STABILITY CLASS FREQUENCIES IN HOURS

STABILITY:	A	B	C	D	E	F	G	ALL
FREQUENCY:	961	409	235	2852	2038	785	387	7667

OVERALL WIND SPEED FREQUENCIES IN HOURS

WIND SPEED (M/S):	CALM	CALM- 0.75	0.75- 1.00	1.00- 1.25	1.25- 1.50	1.50- 2.00	2.00- 3.00	3.00- 4.00	4.00- 5.00	5.00- 6.00	6.00- 8.00	8.00-10.00	>10.00	VARIABLE
FREQUENCY:	109	95	280	248	461	895	1987	1433	992	578	457	112	20	0
CUMULATIVE FREQ:	109	204	484	732	1193	2088	4075	5508	6500	7078	7535	7647	7667	

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

DISTRIBUTION OF VARIABLE WINDS

U (M/S)	A	B	C	D	E	F	G	TOTAL
CALM	0	0	0	0	0	0	0	0
CALM- 0.75	0	0	0	0	0	0	0	0
0.75- 1.00	0	0	0	0	0	0	0	0
1.00- 1.25	0	0	0	0	0	0	0	0
1.25- 1.50	0	0	0	0	0	0	0	0
1.50- 2.00	0	0	0	0	0	0	0	0
2.00- 3.00	0	0	0	0	0	0	0	0
3.00- 4.00	0	0	0	0	0	0	0	0
4.00- 5.00	0	0	0	0	0	0	0	0
5.00- 6.00	0	0	0	0	0	0	0	0
6.00- 8.00	0	0	0	0	0	0	0	0
8.00-10.00	0	0	0	0	0	0	0	0
>10.00	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS A

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.03
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
0.75- 1.00	0.00	0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1.00- 1.25	0.00	0.00	0.01	0.00	0.01	0.03	0.01	0.09	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.18
1.25- 1.50	0.00	0.00	0.01	0.03	0.03	0.07	0.07	0.01	0.01	0.03	0.05	0.03	0.03	0.01	0.00	0.00	0.37
1.50- 2.00	0.01	0.00	0.01	0.08	0.09	0.23	0.13	0.05	0.10	0.07	0.05	0.09	0.04	0.07	0.00	0.01	1.04
2.00- 3.00	0.05	0.00	0.30	0.18	0.23	0.29	0.27	0.23	0.26	0.33	0.47	0.10	0.18	0.20	0.13	0.00	3.23
3.00- 4.00	0.01	0.07	0.26	0.05	0.05	0.07	0.17	0.21	0.43	0.51	0.48	0.38	0.25	0.17	0.29	0.03	3.42
4.00- 5.00	0.03	0.00	0.04	0.04	0.00	0.00	0.09	0.03	0.25	0.39	0.25	0.08	0.30	0.22	0.21	0.04	1.96
5.00- 6.00	0.01	0.04	0.07	0.04	0.00	0.01	0.01	0.03	0.20	0.12	0.14	0.00	0.05	0.13	0.14	0.04	1.03
6.00- 8.00	0.03	0.05	0.08	0.01	0.01	0.00	0.04	0.05	0.05	0.05	0.00	0.08	0.21	0.10	0.08	0.04	0.89
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.01	0.01	0.03	0.09	0.04	0.01	0.01	0.27
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.04
VARIABLE																	0.00
TOTAL	0.14	0.16	0.80	0.43	0.43	0.70	0.82	0.73	1.40	1.51	1.46	0.80	1.16	0.94	0.86	0.17	12.53

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS B

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.03
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.04
0.75- 1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.03	0.00	0.00	0.00	0.00	0.07
1.00- 1.25	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1.25- 1.50	0.00	0.00	0.00	0.00	0.01	0.07	0.03	0.01	0.01	0.01	0.04	0.01	0.00	0.00	0.00	0.00	0.20
1.50- 2.00	0.01	0.00	0.03	0.08	0.03	0.07	0.07	0.07	0.04	0.03	0.01	0.04	0.01	0.00	0.04	0.01	0.52
2.00- 3.00	0.03	0.01	0.09	0.08	0.01	0.05	0.10	0.09	0.17	0.08	0.09	0.05	0.04	0.14	0.07	0.04	1.15
3.00- 4.00	0.08	0.03	0.08	0.05	0.00	0.00	0.07	0.10	0.09	0.09	0.08	0.05	0.07	0.07	0.08	0.04	0.97
4.00- 5.00	0.03	0.01	0.05	0.04	0.01	0.00	0.04	0.09	0.03	0.12	0.12	0.08	0.07	0.13	0.09	0.03	0.93
5.00- 6.00	0.07	0.08	0.03	0.00	0.00	0.00	0.01	0.05	0.08	0.10	0.07	0.03	0.01	0.17	0.03	0.04	0.76
6.00- 8.00	0.04	0.05	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.04	0.03	0.00	0.12	0.04	0.07	0.01	0.42
8.00-10.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.01	0.03	0.01	0.03	0.03	0.01	0.18
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04
VARIABLE																	0.00
TOTAL	0.26	0.20	0.27	0.25	0.07	0.22	0.37	0.42	0.51	0.50	0.46	0.31	0.34	0.57	0.39	0.18	5.33

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS C

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.04
CALM- 0.75	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
0.75- 1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.03
1.00- 1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.03
1.25- 1.50	0.00	0.00	0.01	0.01	0.03	0.01	0.00	0.03	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.13
1.50- 2.00	0.01	0.00	0.03	0.04	0.04	0.03	0.03	0.04	0.01	0.00	0.03	0.00	0.00	0.00	0.03	0.00	0.27
2.00- 3.00	0.03	0.00	0.08	0.03	0.04	0.01	0.05	0.04	0.03	0.07	0.07	0.00	0.07	0.05	0.09	0.03	0.67
3.00- 4.00	0.03	0.04	0.03	0.00	0.00	0.03	0.04	0.07	0.10	0.05	0.04	0.04	0.07	0.03	0.04	0.03	0.61
4.00- 5.00	0.04	0.01	0.01	0.01	0.00	0.00	0.03	0.05	0.07	0.04	0.03	0.03	0.10	0.01	0.04	0.00	0.47
5.00- 6.00	0.03	0.00	0.05	0.01	0.00	0.00	0.03	0.00	0.00	0.01	0.03	0.03	0.03	0.03	0.07	0.04	0.34
6.00- 8.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.04	0.03	0.04	0.03	0.00	0.04	0.03	0.07	0.04	0.34
8.00-10.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.00	0.03	0.01	0.01	0.00	0.00	0.12
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE																	0.00
TOTAL	0.16	0.10	0.21	0.12	0.10	0.08	0.17	0.26	0.26	0.25	0.22	0.13	0.31	0.17	0.34	0.14	3.07

CALM= 0.50 M/S

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS D

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.20
CALM- 0.75	0.00	0.00	0.00	0.08	0.03	0.05	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.22
0.75- 1.00	0.01	0.00	0.03	0.07	0.07	0.13	0.08	0.12	0.04	0.07	0.07	0.01	0.07	0.01	0.00	0.01	0.77
1.00- 1.25	0.01	0.04	0.04	0.07	0.12	0.10	0.05	0.05	0.01	0.03	0.07	0.04	0.08	0.01	0.03	0.05	0.80
1.25- 1.50	0.05	0.07	0.10	0.13	0.13	0.22	0.09	0.08	0.04	0.07	0.10	0.04	0.14	0.12	0.09	0.01	1.49
1.50- 2.00	0.10	0.16	0.27	0.21	0.33	0.25	0.30	0.34	0.18	0.21	0.13	0.13	0.18	0.22	0.13	0.08	3.22
2.00- 3.00	0.30	0.30	0.74	0.48	0.43	0.67	0.67	0.97	0.77	0.69	0.37	0.37	0.35	0.33	0.48	0.38	8.28
3.00- 4.00	0.23	0.44	0.77	0.25	0.10	0.23	0.53	0.70	0.95	0.74	0.34	0.33	0.65	0.63	0.52	0.29	7.72
4.00- 5.00	0.23	0.56	0.64	0.07	0.01	0.12	0.29	0.57	0.95	0.67	0.30	0.29	0.56	0.70	0.42	0.25	6.63
5.00- 6.00	0.12	0.21	0.08	0.05	0.00	0.05	0.08	0.18	0.55	0.56	0.09	0.14	0.69	0.59	0.35	0.14	3.89
6.00- 8.00	0.08	0.18	0.09	0.01	0.00	0.01	0.04	0.16	0.33	0.37	0.07	0.04	0.76	0.80	0.25	0.07	3.23
8.00-10.00	0.00	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.01	0.09	0.00	0.01	0.13	0.23	0.04	0.01	0.63
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.00	0.04	0.05	0.00	0.00	0.13
VARIABLE																	0.00
TOTAL	1.15	2.00	2.82	1.41	1.21	1.84	2.14	3.18	3.83	3.51	1.57	1.41	3.65	3.69	2.31	1.29	37.20

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS E

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.38
CALM- 0.75	0.03	0.00	0.03	0.03	0.07	0.04	0.03	0.05	0.00	0.01	0.00	0.03	0.01	0.00	0.00	0.00	0.31
0.75- 1.00	0.00	0.05	0.03	0.12	0.03	0.22	0.18	0.07	0.05	0.04	0.03	0.01	0.05	0.03	0.08	0.01	0.99
1.00- 1.25	0.03	0.07	0.04	0.12	0.08	0.20	0.10	0.07	0.07	0.05	0.05	0.01	0.04	0.05	0.04	0.03	1.03
1.25- 1.50	0.01	0.08	0.27	0.21	0.29	0.26	0.23	0.17	0.10	0.10	0.04	0.10	0.08	0.04	0.03	0.01	2.03
1.50- 2.00	0.09	0.12	0.29	0.18	0.39	0.37	0.46	0.47	0.33	0.23	0.18	0.20	0.12	0.13	0.10	0.10	3.76
2.00- 3.00	0.13	0.34	0.51	0.40	0.39	0.25	0.53	1.02	1.70	0.86	0.39	0.38	0.46	0.57	0.51	0.42	8.86
3.00- 4.00	0.12	0.16	0.12	0.10	0.09	0.04	0.12	0.47	0.89	0.68	0.31	0.43	0.47	0.33	0.10	0.17	4.59
4.00- 5.00	0.08	0.03	0.03	0.03	0.00	0.01	0.05	0.17	0.50	0.61	0.18	0.08	0.20	0.23	0.07	0.14	2.40
5.00- 6.00	0.00	0.05	0.00	0.00	0.01	0.01	0.03	0.07	0.23	0.25	0.09	0.05	0.18	0.10	0.09	0.04	1.21
6.00- 8.00	0.00	0.04	0.01	0.00	0.00	0.00	0.01	0.04	0.17	0.16	0.03	0.04	0.13	0.03	0.09	0.05	0.80
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.03	0.01	0.00	0.01	0.03	0.04	0.00	0.20
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
VARIABLE																	0.00
TOTAL	0.48	0.93	1.32	1.19	1.34	1.40	1.75	2.58	4.13	3.03	1.32	1.33	1.75	1.54	1.15	0.98	26.58

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS F

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.37
CALM- 0.75	0.01	0.04	0.04	0.03	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.03	0.01	0.04	0.01	0.01	0.34
0.75- 1.00	0.03	0.04	0.14	0.08	0.07	0.07	0.05	0.04	0.01	0.08	0.03	0.04	0.04	0.01	0.04	0.04	0.80
1.00- 1.25	0.01	0.05	0.10	0.04	0.07	0.05	0.07	0.07	0.07	0.03	0.01	0.04	0.04	0.08	0.04	0.01	0.77
1.25- 1.50	0.01	0.10	0.09	0.01	0.07	0.09	0.09	0.10	0.09	0.07	0.05	0.01	0.05	0.08	0.09	0.01	1.03
1.50- 2.00	0.03	0.13	0.13	0.09	0.13	0.01	0.17	0.13	0.22	0.09	0.10	0.04	0.14	0.18	0.25	0.01	1.87
2.00- 3.00	0.07	0.13	0.17	0.23	0.16	0.04	0.16	0.37	0.40	0.34	0.17	0.14	0.20	0.09	0.29	0.07	3.01
3.00- 4.00	0.01	0.07	0.04	0.22	0.12	0.00	0.00	0.03	0.08	0.04	0.13	0.16	0.03	0.08	0.07	0.04	1.10
4.00- 5.00	0.00	0.00	0.04	0.07	0.05	0.01	0.00	0.00	0.01	0.01	0.07	0.12	0.00	0.01	0.04	0.03	0.46
5.00- 6.00	0.01	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.01	0.00	0.07	0.10	0.00	0.00	0.00	0.04	0.27
6.00- 8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.09	0.03	0.00	0.01	0.03	0.17
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.04
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.03
VARIABLE																	0.00
TOTAL	0.18	0.56	0.76	0.80	0.68	0.29	0.57	0.74	0.93	0.67	0.65	0.82	0.53	0.57	0.83	0.29	10.24

CALM= 0.50 M/S

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS G

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.39
CALM- 0.75	0.01	0.04	0.03	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.03	0.05	0.03	0.01	0.01	0.01	0.27
0.75- 1.00	0.00	0.05	0.10	0.07	0.12	0.12	0.01	0.01	0.01	0.00	0.07	0.10	0.04	0.16	0.09	0.00	0.95
1.00- 1.25	0.00	0.00	0.09	0.04	0.05	0.00	0.00	0.00	0.01	0.01	0.05	0.00	0.05	0.01	0.05	0.00	0.38
1.25- 1.50	0.00	0.08	0.18	0.08	0.01	0.00	0.04	0.04	0.07	0.04	0.03	0.05	0.03	0.04	0.08	0.01	0.77
1.50- 2.00	0.01	0.08	0.21	0.03	0.05	0.01	0.07	0.05	0.12	0.03	0.05	0.03	0.07	0.04	0.16	0.00	0.99
2.00- 3.00	0.00	0.04	0.12	0.08	0.07	0.03	0.03	0.04	0.00	0.01	0.07	0.10	0.01	0.03	0.09	0.01	0.72
3.00- 4.00	0.00	0.01	0.00	0.04	0.08	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.00	0.00	0.08	0.00	0.29
4.00- 5.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.01	0.10
5.00- 6.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.04
6.00- 8.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.04	0.03	0.00	0.00	0.00	0.00	0.12
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.03
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE																	0.00
TOTAL	0.03	0.30	0.74	0.38	0.46	0.17	0.16	0.14	0.21	0.10	0.38	0.47	0.22	0.29	0.56	0.05	5.05

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS ALL

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	1.42
CALM- 0.75	0.05	0.08	0.09	0.14	0.12	0.13	0.12	0.08	0.03	0.05	0.05	0.12	0.07	0.05	0.03	0.04	1.24
0.75- 1.00	0.05	0.14	0.31	0.33	0.27	0.55	0.34	0.23	0.13	0.21	0.20	0.20	0.20	0.21	0.22	0.07	3.65
1.00- 1.25	0.05	0.16	0.29	0.26	0.33	0.40	0.26	0.27	0.17	0.12	0.20	0.10	0.21	0.17	0.16	0.09	3.23
1.25- 1.50	0.08	0.33	0.68	0.47	0.56	0.72	0.55	0.44	0.34	0.33	0.31	0.26	0.33	0.29	0.29	0.05	6.01
1.50- 2.00	0.27	0.48	0.97	0.70	1.06	0.97	1.21	1.15	1.00	0.65	0.56	0.52	0.56	0.64	0.70	0.22	11.67
2.00- 3.00	0.60	0.82	2.01	1.49	1.33	1.33	1.81	2.75	3.33	2.37	1.62	1.15	1.30	1.41	1.66	0.94	25.92
3.00- 4.00	0.48	0.81	1.29	0.72	0.44	0.37	0.93	1.58	2.54	2.11	1.40	1.45	1.53	1.29	1.17	0.59	18.69
4.00- 5.00	0.40	0.61	0.81	0.27	0.10	0.14	0.50	0.91	1.80	1.84	0.97	0.68	1.23	1.32	0.86	0.50	12.94
5.00- 6.00	0.23	0.38	0.23	0.13	0.04	0.08	0.16	0.33	1.07	1.04	0.50	0.35	0.97	1.02	0.68	0.34	7.54
6.00- 8.00	0.16	0.35	0.18	0.05	0.04	0.01	0.10	0.29	0.59	0.65	0.20	0.27	1.28	0.99	0.56	0.23	5.96
8.00-10.00	0.01	0.08	0.05	0.00	0.00	0.00	0.00	0.01	0.20	0.16	0.04	0.16	0.26	0.34	0.12	0.04	1.46
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08	0.03	0.03	0.01	0.05	0.05	0.00	0.00	0.26
VARIABLE																	0.00
TOTAL	2.40	4.24	6.91	4.57	4.29	4.70	5.97	8.06	11.27	9.56	6.05	5.27	7.97	7.77	6.44	3.10	100.00

CALM= 0.50 M/S

PERCENT DATA RECOVERY = 87.3

OVERALL STABILITY CLASS FREQUENCIES IN PERCENT

STABILITY:	A	B	C	D	E	F	G	ALL
FREQUENCY:	12.5	5.3	3.1	37.2	26.6	10.2	5.0	100.0

OVERALL WIND SPEED FREQUENCIES IN PERCENT

WIND SPEED (M/S):	CALM	CALM- 0.75	0.75- 1.00	1.00- 1.25	1.25- 1.50	1.50- 2.00	2.00- 3.00	3.00- 4.00	4.00- 5.00	5.00- 6.00	6.00- 8.00	8.00-10.00	>10.00	VARIABLE
FREQUENCY:	1.4	1.2	3.7	3.2	6.0	11.7	25.9	18.7	12.9	7.5	6.0	1.5	0.3	0.0
CUMULATIVE FREQ:	1.4	2.7	6.3	9.5	15.6	27.2	53.1	71.8	84.8	92.3	98.3	99.7	100.0	

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

DISTRIBUTION OF VARIABLE WINDS

U (M/S)	A	B	C	D	E	F	G	TOTAL
CALM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.75- 1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.00- 1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.25- 1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.50- 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.00- 3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.00- 4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.00- 5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.00- 6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.00- 8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Clinton 2000 Met Data
Height of winds 10.0;Stability from Delta T between 60.0 and 10.0 meters

Spd Max Vals:	0.50	0.75	1.00	1.25	1.50	2.00	3.00	4.00	5.00	6.00	8.00	10.00	20.00
2	2	3	15	29	28	30							
0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0
0	0	1	0	1	2	1	7	1	0	0	1	0	0	0	0
0	0	1	2	2	5	5	1	1	2	4	2	2	1	0	0
1	0	1	6	7	18	10	4	8	5	4	7	3	5	0	1
4	0	23	14	18	22	21	18	20	25	36	8	14	15	10	0
1	5	20	4	4	5	13	16	33	39	37	29	19	13	22	2
2	0	3	3	0	0	7	2	19	30	19	6	23	17	16	3
1	3	5	3	0	1	1	2	15	9	11	0	4	10	11	3
2	4	6	1	1	0	3	4	4	4	0	6	16	8	6	3
0	0	0	0	0	0	0	1	4	1	1	2	7	3	1	1
0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0
0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	1	1	1	2	0	0	0	0
0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
0	0	0	0	1	5	2	1	1	1	3	1	0	0	0	0
1	0	2	6	2	5	5	5	3	2	1	3	1	0	3	1
2	1	7	6	1	4	8	7	13	6	7	4	3	11	5	3
6	2	6	4	0	0	5	8	7	7	6	4	5	5	6	3
2	1	4	3	1	0	3	7	2	9	9	6	5	10	7	2
5	6	2	0	0	0	1	4	6	8	5	2	1	13	2	3
3	4	0	0	0	0	1	0	1	3	2	0	9	3	5	1
1	1	0	0	0	0	0	0	3	0	1	2	1	2	2	1
0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
0	0	1	1	2	1	0	2	1	1	0	1	0	0	0	0
1	0	2	3	3	2	2	3	1	0	2	0	0	0	2	0
2	0	6	2	3	1	4	3	2	5	5	0	5	4	7	2
2	3	2	0	0	2	3	5	8	4	3	3	5	2	3	2
3	1	1	1	0	0	2	4	5	3	2	2	8	1	3	0
2	0	4	1	0	0	2	0	0	1	2	2	2	2	5	3
1	2	0	0	0	0	0	3	2	3	2	0	3	2	5	3
0	2	0	0	0	0	0	0	1	2	0	2	1	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	6	2	4	1	1	0	1	1	1	0	0	0	0
1	0	2	5	5	10	6	9	3	5	5	1	5	1	0	1
1	3	3	5	9	8	4	4	1	2	5	3	6	1	2	4
4	5	8	10	10	17	7	6	3	5	8	3	11	9	7	1
8	12	21	16	25	19	23	26	14	16	10	10	14	17	10	6
23	23	57	37	33	51	51	74	59	53	28	28	27	25	37	29
18	34	59	19	8	18	41	54	73	57	26	25	50	48	40	22
18	43	49	5	1	9	22	44	73	51	23	22	43	54	32	19
9	16	6	4	0	4	6	14	42	43	7	11	53	45	27	11
6	14	7	1	0	1	3	12	25	28	5	3	58	61	19	5
0	3	4	0	0	0	0	0	1	7	0	1	10	18	3	1
0	0	0	0	0	0	0	0	0	1	2	0	3	4	0	0
2	0	2	2	5	3	2	4	0	1	0	2	1	0	0	0
0	4	2	9	2	17	14	5	4	3	2	1	4	2	6	1
2	5	3	9	6	15	8	5	5	4	4	1	3	4	3	2
1	6	21	16	22	20	18	13	8	8	3	8	6	3	2	1
7	9	22	14	30	28	35	36	25	18	14	15	9	10	8	8

10	26	39	31	30	19	41	78	130	66	30	29	35	44	39	32
9	12	9	8	7	3	9	36	68	52	24	33	36	25	8	13
6	2	2	2	0	1	4	13	38	47	14	6	15	18	5	11
0	4	0	0	1	1	2	5	18	19	7	4	14	8	7	3
0	3	1	0	0	0	1	3	13	12	2	3	10	2	7	4
0	0	0	0	0	0	0	0	6	2	1	0	1	2	3	0
0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
1	3	3	2	1	1	3	1	1	1	1	2	1	3	1	1
2	3	11	6	5	5	4	3	1	6	2	3	3	1	3	3
1	4	8	3	5	4	5	5	5	2	1	3	3	6	3	1
1	8	7	1	5	7	7	8	7	5	4	1	4	6	7	1
2	10	10	7	10	1	13	10	17	7	8	3	11	14	19	1
5	10	13	18	12	3	12	28	31	26	13	11	15	7	22	5
1	5	3	17	9	0	0	2	6	3	10	12	2	6	5	3
0	0	3	5	4	1	0	0	1	1	5	9	0	1	3	2
1	0	0	2	1	0	0	0	1	0	5	8	0	0	0	3
0	0	0	0	0	0	0	0	0	0	1	7	2	0	1	2
0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
1	3	2	0	1	1	1	0	0	1	2	4	2	1	1	1
0	4	8	5	9	9	1	1	1	0	5	8	3	12	7	0
0	0	7	3	4	0	0	0	1	1	4	0	4	1	4	0
0	6	14	6	1	0	3	3	5	3	2	4	2	3	6	1
1	6	16	2	4	1	5	4	9	2	4	2	5	3	12	0
0	3	9	6	5	2	2	3	0	1	5	8	1	2	7	1
0	1	0	3	6	0	0	0	0	0	1	5	0	0	6	0
0	0	0	2	2	0	0	0	0	0	2	1	0	0	0	1
0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0
0	0	0	2	2	0	0	0	0	0	3	2	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PROGRAM: JFREQ VERSION: 5.0 DATED: MAY 1997 TIME = 14:57: 0.37 DATE = 6- 4-2004
TITLE:Clinton 2000 Met Data (Upper Level)

WIND DATA FROM LEVEL: UPPER
DELTA-T INTERVAL: UPPER MINUS LOWER
Create Hourly JFD for PAVAN: NO
HOURLY DATA CODED: 01-24
WRITE STABILITY CLASS BY HOUR OF DAY: NO
CALM WINDS CODED: 0.50 M/S
VARIABLE WIND DIRECTION CODED: 777.0
JFD FOR DATA PERIOD: BEGINNING - 2000 1 1
ENDING - 2000 12 31

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS A

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW.	TOTAL
CALM																	1
CALM- 0.75	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	3
0.75- 1.00	0	0	0	0	0	2	2	1	0	0	0	0	2	0	0	0	7
1.00- 1.25	0	0	0	0	1	1	1	0	0	1	0	1	0	1	0	0	6
1.25- 1.50	0	0	0	0	0	0	6	4	1	1	2	1	1	0	0	0	16
1.50- 2.00	0	1	3	0	0	9	7	3	3	2	3	5	4	4	0	1	45
2.00- 3.00	1	0	8	10	16	14	16	6	10	11	15	5	6	7	3	1	129
3.00- 4.00	4	7	11	8	15	6	5	10	16	20	28	6	12	6	18	3	175
4.00- 5.00	2	5	7	12	10	6	4	14	19	31	24	18	18	12	11	5	198
5.00- 6.00	1	2	5	4	2	1	4	8	18	26	22	12	8	8	11	3	135
6.00- 8.00	1	5	5	5	0	1	5	1	15	24	13	7	17	11	15	8	133
8.00-10.00	1	0	6	3	0	0	2	5	13	5	4	4	4	5	10	5	67
>10.00	0	6	1	0	0	0	1	6	6	1	6	1	14	2	0	2	46
VARIABLE																	0
TOTAL	10	26	46	42	44	42	53	58	101	122	117	60	86	56	68	29	961

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS B

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
CALM- 0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.75- 1.00	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2
1.00- 1.25	0	0	0	0	0	0	2	0	0	2	0	1	0	0	0	0	5
1.25- 1.50	0	0	1	0	0	0	2	2	1	0	2	1	1	0	1	0	11
1.50- 2.00	1	0	0	0	3	6	1	2	1	1	1	1	1	1	1	0	20
2.00- 3.00	2	2	4	2	2	7	5	3	7	3	5	0	1	3	5	3	54
3.00- 4.00	1	0	7	3	2	3	3	4	6	3	4	0	5	4	2	2	49
4.00- 5.00	5	3	1	4	0	1	1	3	3	6	10	3	7	2	2	2	53
5.00- 6.00	2	2	5	1	1	0	5	5	3	6	4	4	4	2	8	2	54
6.00- 8.00	6	2	1	4	0	0	3	6	2	16	6	5	3	12	9	9	84
8.00-10.00	1	6	1	2	0	0	2	2	10	4	5	0	5	3	3	2	46
>10.00	2	3	2	0	0	0	0	0	7	1	0	2	7	1	4	1	30
VARIABLE																	0
TOTAL	20	18	22	16	8	17	24	27	40	43	37	17	34	29	35	21	408

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS C

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	3
CALM- 0.75	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	2
0.75- 1.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.00- 1.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.25- 1.50	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
1.50- 2.00	0	1	1	1	1	1	3	2	2	1	0	0	1	0	1	1	16
2.00- 3.00	1	0	1	3	3	1	4	1	2	0	3	0	1	0	2	1	23
3.00- 4.00	1	4	1	4	2	3	1	3	1	6	4	0	4	4	3	3	44
4.00- 5.00	2	0	4	0	1	0	1	2	3	5	0	0	2	2	3	0	25
5.00- 6.00	4	2	0	0	1	1	1	1	2	3	2	1	3	3	1	4	29
6.00- 8.00	4	1	0	0	0	0	3	4	5	5	7	4	5	5	1	4	48
8.00-10.00	0	3	3	0	0	0	1	1	2	3	1	0	3	1	7	4	29
>10.00	0	2	0	2	0	0	0	2	1	2	0	2	2	1	0	0	14
VARIABLE																	0
TOTAL	12	13	10	11	8	6	14	17	18	25	18	7	21	16	19	17	235

CALM= 0.50 M/S

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS D

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	4
CALM- 0.75	0	0	2	0	0	0	1	0	0	0	1	0	0	0	0	0	4
0.75- 1.00	0	0	0	1	1	5	4	0	0	0	0	1	2	1	1	0	16
1.00- 1.25	1	0	2	0	3	2	4	2	1	2	1	0	1	1	1	1	22
1.25- 1.50	2	3	3	3	3	8	4	4	1	2	1	3	6	1	0	2	46
1.50- 2.00	6	5	4	9	7	16	4	4	2	1	5	4	12	5	11	4	99
2.00- 3.00	20	10	15	12	16	29	26	12	15	21	12	14	24	11	20	22	279
3.00- 4.00	21	18	20	19	27	30	29	38	35	25	21	7	13	11	22	25	361
4.00- 5.00	25	13	34	19	15	21	30	40	45	36	29	19	24	13	16	24	403
5.00- 6.00	24	23	34	8	14	5	23	29	69	35	23	17	25	23	30	23	405
6.00- 8.00	22	47	35	25	8	13	7	51	101	81	27	31	60	78	73	26	685
8.00-10.00	5	20	48	9	5	0	9	26	64	34	11	14	57	33	29	12	376
>10.00	0	8	8	0	0	0	1	10	17	17	2	2	47	24	11	3	150
VARIABLE																	0
TOTAL	126	147	205	105	99	129	142	216	350	254	133	112	271	201	214	142	2850

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS E

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	8
CALM- 0.75	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
0.75- 1.00	0	0	1	0	0	3	1	0	1	0	0	0	1	0	1	0	8
1.00- 1.25	0	1	1	1	0	6	1	0	1	0	1	2	0	0	0	0	14
1.25- 1.50	1	3	0	0	1	0	2	2	1	1	0	0	1	0	1	1	14
1.50- 2.00	4	3	4	1	2	4	3	3	2	1	3	3	1	1	1	0	36
2.00- 3.00	8	3	3	10	11	40	16	10	11	10	10	4	9	5	10	10	170
3.00- 4.00	11	12	10	18	18	25	27	38	25	20	17	19	16	8	16	9	289
4.00- 5.00	13	18	22	27	33	12	22	42	46	37	25	19	16	13	15	21	381
5.00- 6.00	16	14	12	11	25	4	7	55	65	50	25	20	25	26	22	25	402
6.00- 8.00	11	12	29	16	23	2	10	44	124	82	38	26	47	26	24	18	532
8.00-10.00	1	9	2	1	7	0	1	11	31	32	9	3	10	5	4	7	133
>10.00	0	2	0	0	1	0	1	4	24	6	1	2	3	0	2	0	46
VARIABLE																	0
TOTAL	65	78	84	85	121	97	91	209	331	239	129	98	129	84	96	91	2035

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS F

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	4
CALM- 0.75	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	3
0.75- 1.00	0	1	0	0	0	3	0	0	0	0	1	0	0	0	0	0	5
1.00- 1.25	0	0	0	0	2	0	0	0	1	0	0	1	0	0	1	0	5
1.25- 1.50	0	0	0	0	1	4	0	2	0	0	0	0	1	1	1	1	11
1.50- 2.00	1	0	0	1	2	5	2	1	1	3	2	2	3	2	1	1	27
2.00- 3.00	7	3	4	5	5	9	6	2	7	3	6	0	2	2	2	3	66
3.00- 4.00	6	5	3	6	4	5	5	4	10	10	4	4	3	5	9	13	96
4.00- 5.00	2	8	6	10	17	4	6	6	13	9	8	11	9	12	11	12	144
5.00- 6.00	6	5	11	23	13	3	3	15	26	7	8	12	6	9	8	16	171
6.00- 8.00	2	16	15	23	13	0	2	5	31	24	32	21	9	2	6	9	210
8.00-10.00	1	1	2	4	5	0	0	1	1	1	7	7	2	0	0	3	35
>10.00	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	1	7
VARIABLE																	0
TOTAL	25	39	41	72	63	33	24	36	92	57	69	63	35	33	39	59	784

CALM= 0.50 M/S

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS G

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	1
CALM- 0.75	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
0.75- 1.00	0	0	1	0	0	1	0	0	0	0	0	0	1	1	0	0	4
1.00- 1.25	1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	1	6
1.25- 1.50	1	0	0	0	0	2	1	0	0	0	0	0	3	0	2	3	12
1.50- 2.00	0	0	1	1	0	2	2	1	0	0	0	0	0	3	1	2	13
2.00- 3.00	0	1	1	0	1	11	2	3	1	4	0	2	4	3	5	10	48
3.00- 4.00	2	3	3	5	8	7	3	1	3	1	4	4	5	2	8	8	67
4.00- 5.00	1	2	7	7	9	2	5	1	6	6	2	3	1	2	4	4	62
5.00- 6.00	1	6	12	8	8	0	1	3	4	6	2	6	3	0	9	6	75
6.00- 8.00	0	2	12	9	11	0	1	1	5	4	7	14	3	0	1	4	74
8.00-10.00	0	0	2	4	6	0	0	0	0	0	2	6	0	0	0	0	20
>10.00	0	0	0	0	1	0	0	0	0	0	0	3	0	0	0	0	4
VARIABLE																	0
TOTAL	6	14	39	35	44	27	15	10	19	21	17	38	20	13	30	38	387

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS ALL

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	21
CALM- 0.75	0	1	2	2	1	3	1	0	0	0	2	1	0	0	1	1	15
0.75- 1.00	0	1	2	1	1	14	7	1	1	1	1	1	6	3	2	0	42
1.00- 1.25	2	1	3	1	6	11	8	2	3	5	2	5	1	4	2	2	58
1.25- 1.50	4	6	4	3	5	14	15	15	4	4	6	5	13	2	5	7	112
1.50- 2.00	12	10	13	13	15	43	22	16	11	9	14	15	22	16	16	9	256
2.00- 3.00	39	19	36	42	54	111	75	37	53	52	51	25	47	31	47	50	769
3.00- 4.00	46	49	55	63	76	79	73	98	96	85	82	40	58	40	78	63	1081
4.00- 5.00	50	49	81	79	85	46	69	108	135	130	98	73	77	56	62	68	1266
5.00- 6.00	54	54	79	55	64	14	44	116	187	133	86	72	74	71	89	79	1271
6.00- 8.00	46	85	97	82	55	16	31	112	283	236	130	108	144	134	129	78	1766
8.00-10.00	9	39	64	23	23	0	15	46	121	79	39	34	81	47	53	33	706
>10.00	2	21	11	2	2	0	3	22	57	27	9	16	73	28	17	7	297
VARIABLE																	0
TOTAL	264	335	447	366	387	351	363	573	951	761	520	395	596	432	501	397	7660

CALM= 0.50 M/S

TOTAL VALID HOURS = 7660 TOTAL POSSIBLE HOURS = 8784

OVERALL STABILITY CLASS FREQUENCIES IN HOURS

STABILITY:	A	B	C	D	E	F	G	ALL
FREQUENCY:	961	408	235	2850	2035	784	387	7660

OVERALL WIND SPEED FREQUENCIES IN HOURS

WIND SPEED (M/S):	CALM	CALM- 0.75	0.75- 1.00	1.00- 1.25	1.25- 1.50	1.50- 2.00	2.00- 3.00	3.00- 4.00	4.00- 5.00	5.00- 6.00	6.00- 8.00	8.00-10.00	>10.00	VARIABLE
FREQUENCY:	21	15	42	58	112	256	769	1081	1266	1271	1766	706	297	0
CUMULATIVE FREQ:	21	36	78	136	248	504	1273	2354	3620	4891	6657	7363	7660	

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

DISTRIBUTION OF VARIABLE WINDS

U (M/S)	A	B	C	D	E	F	G	TOTAL
CALM	0	0	0	0	0	0	0	0
CALM- 0.75	0	0	0	0	0	0	0	0
0.75- 1.00	0	0	0	0	0	0	0	0
1.00- 1.25	0	0	0	0	0	0	0	0
1.25- 1.50	0	0	0	0	0	0	0	0
1.50- 2.00	0	0	0	0	0	0	0	0
2.00- 3.00	0	0	0	0	0	0	0	0
3.00- 4.00	0	0	0	0	0	0	0	0
4.00- 5.00	0	0	0	0	0	0	0	0
5.00- 6.00	0	0	0	0	0	0	0	0
6.00- 8.00	0	0	0	0	0	0	0	0
8.00-10.00	0	0	0	0	0	0	0	0
>10.00	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS A

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.01
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04
0.75- 1.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.01	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.09
1.00- 1.25	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.08
1.25- 1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.05	0.01	0.01	0.03	0.01	0.01	0.00	0.00	0.00	0.21
1.50- 2.00	0.00	0.01	0.04	0.00	0.00	0.12	0.09	0.04	0.04	0.03	0.04	0.07	0.05	0.05	0.00	0.01	0.59
2.00- 3.00	0.01	0.00	0.10	0.13	0.21	0.18	0.21	0.08	0.13	0.14	0.20	0.07	0.08	0.09	0.04	0.01	1.68
3.00- 4.00	0.05	0.09	0.14	0.10	0.20	0.08	0.07	0.13	0.21	0.26	0.37	0.08	0.16	0.08	0.23	0.04	2.28
4.00- 5.00	0.03	0.07	0.09	0.16	0.13	0.08	0.05	0.18	0.25	0.40	0.31	0.23	0.23	0.16	0.14	0.07	2.58
5.00- 6.00	0.01	0.03	0.07	0.05	0.03	0.01	0.05	0.10	0.23	0.34	0.29	0.16	0.10	0.10	0.14	0.04	1.76
6.00- 8.00	0.01	0.07	0.07	0.07	0.00	0.01	0.07	0.01	0.20	0.31	0.17	0.09	0.22	0.14	0.20	0.10	1.74
8.00-10.00	0.01	0.00	0.08	0.04	0.00	0.00	0.03	0.07	0.17	0.07	0.05	0.05	0.05	0.07	0.13	0.07	0.87
>10.00	0.00	0.08	0.01	0.00	0.00	0.00	0.01	0.08	0.08	0.01	0.08	0.01	0.18	0.03	0.00	0.03	0.60
VARIABLE																	0.00
TOTAL	0.13	0.34	0.60	0.55	0.57	0.55	0.69	0.76	1.32	1.59	1.53	0.78	1.12	0.73	0.89	0.38	12.55

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS B

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.00
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.75- 1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.03
1.00- 1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.07
1.25- 1.50	0.00	0.00	0.01	0.00	0.00	0.00	0.03	0.03	0.01	0.00	0.03	0.01	0.01	0.00	0.01	0.00	0.14
1.50- 2.00	0.01	0.00	0.00	0.00	0.04	0.08	0.01	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.26
2.00- 3.00	0.03	0.03	0.05	0.03	0.03	0.09	0.07	0.04	0.09	0.04	0.07	0.00	0.01	0.04	0.07	0.04	0.70
3.00- 4.00	0.01	0.00	0.09	0.04	0.03	0.04	0.04	0.05	0.08	0.04	0.05	0.00	0.07	0.05	0.03	0.03	0.64
4.00- 5.00	0.07	0.04	0.01	0.05	0.00	0.01	0.01	0.04	0.04	0.08	0.13	0.04	0.09	0.03	0.03	0.03	0.69
5.00- 6.00	0.03	0.03	0.07	0.01	0.01	0.00	0.07	0.07	0.04	0.08	0.05	0.05	0.05	0.03	0.10	0.03	0.70
6.00- 8.00	0.08	0.03	0.01	0.05	0.00	0.00	0.04	0.08	0.03	0.21	0.08	0.07	0.04	0.16	0.12	0.12	1.10
8.00-10.00	0.01	0.08	0.01	0.03	0.00	0.00	0.03	0.03	0.13	0.05	0.07	0.00	0.07	0.04	0.04	0.03	0.60
>10.00	0.03	0.04	0.03	0.00	0.00	0.00	0.00	0.00	0.09	0.01	0.00	0.03	0.09	0.01	0.05	0.01	0.39
VARIABLE																	0.00
TOTAL	0.26	0.23	0.29	0.21	0.10	0.22	0.31	0.35	0.52	0.56	0.48	0.22	0.44	0.38	0.46	0.27	5.33

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS C

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.04
CALM- 0.75	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.03
0.75- 1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.00- 1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.25- 1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.03
1.50- 2.00	0.00	0.01	0.01	0.01	0.01	0.01	0.04	0.03	0.03	0.01	0.00	0.00	0.01	0.00	0.01	0.01	0.21
2.00- 3.00	0.01	0.00	0.01	0.04	0.04	0.01	0.05	0.01	0.03	0.00	0.04	0.00	0.01	0.00	0.03	0.01	0.30
3.00- 4.00	0.01	0.05	0.01	0.05	0.03	0.04	0.01	0.04	0.01	0.08	0.05	0.00	0.05	0.05	0.04	0.04	0.57
4.00- 5.00	0.03	0.00	0.05	0.00	0.01	0.00	0.01	0.03	0.04	0.07	0.00	0.00	0.03	0.03	0.04	0.00	0.33
5.00- 6.00	0.05	0.03	0.00	0.00	0.01	0.01	0.01	0.01	0.03	0.04	0.03	0.01	0.04	0.04	0.01	0.05	0.38
6.00- 8.00	0.05	0.01	0.00	0.00	0.00	0.00	0.04	0.05	0.07	0.07	0.09	0.05	0.07	0.07	0.01	0.05	0.63
8.00-10.00	0.00	0.04	0.04	0.00	0.00	0.00	0.01	0.01	0.03	0.04	0.01	0.00	0.04	0.01	0.09	0.05	0.38
>10.00	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.03	0.01	0.03	0.00	0.03	0.03	0.01	0.00	0.00	0.18
VARIABLE																	0.00
TOTAL	0.16	0.17	0.13	0.14	0.10	0.08	0.18	0.22	0.23	0.33	0.23	0.09	0.27	0.21	0.25	0.22	3.07

CALM= 0.50 M/S

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS D

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.05
CALM- 0.75	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.05
0.75- 1.00	0.00	0.00	0.00	0.01	0.01	0.07	0.05	0.00	0.00	0.00	0.00	0.01	0.03	0.01	0.01	0.00	0.21
1.00- 1.25	0.01	0.00	0.03	0.00	0.04	0.03	0.05	0.03	0.01	0.03	0.01	0.00	0.01	0.01	0.01	0.01	0.29
1.25- 1.50	0.03	0.04	0.04	0.04	0.04	0.10	0.05	0.05	0.01	0.03	0.01	0.04	0.08	0.01	0.00	0.03	0.60
1.50- 2.00	0.08	0.07	0.05	0.12	0.09	0.21	0.05	0.05	0.03	0.01	0.07	0.05	0.16	0.07	0.14	0.05	1.29
2.00- 3.00	0.26	0.13	0.20	0.16	0.21	0.38	0.34	0.16	0.20	0.27	0.16	0.18	0.31	0.14	0.26	0.29	3.64
3.00- 4.00	0.27	0.23	0.26	0.25	0.35	0.39	0.38	0.50	0.46	0.33	0.27	0.09	0.17	0.14	0.29	0.33	4.71
4.00- 5.00	0.33	0.17	0.44	0.25	0.20	0.27	0.39	0.52	0.59	0.47	0.38	0.25	0.31	0.17	0.21	0.31	5.26
5.00- 6.00	0.31	0.30	0.44	0.10	0.18	0.07	0.30	0.38	0.90	0.46	0.30	0.22	0.33	0.30	0.39	0.30	5.29
6.00- 8.00	0.29	0.61	0.46	0.33	0.10	0.17	0.09	0.67	1.32	1.06	0.35	0.40	0.78	1.02	0.95	0.34	8.94
8.00-10.00	0.07	0.26	0.63	0.12	0.07	0.00	0.12	0.34	0.84	0.44	0.14	0.18	0.74	0.43	0.38	0.16	4.91
>10.00	0.00	0.10	0.10	0.00	0.00	0.00	0.01	0.13	0.22	0.22	0.03	0.03	0.61	0.31	0.14	0.04	1.96
VARIABLE																	0.00
TOTAL	1.64	1.92	2.68	1.37	1.29	1.68	1.85	2.82	4.57	3.32	1.74	1.46	3.54	2.62	2.79	1.85	37.21

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS E

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.10
CALM- 0.75	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
0.75- 1.00	0.00	0.00	0.01	0.00	0.00	0.04	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.10
1.00- 1.25	0.00	0.01	0.01	0.01	0.00	0.08	0.01	0.00	0.01	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.18
1.25- 1.50	0.01	0.04	0.00	0.00	0.01	0.00	0.03	0.03	0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.01	0.18
1.50- 2.00	0.05	0.04	0.05	0.01	0.03	0.05	0.04	0.04	0.03	0.01	0.04	0.04	0.01	0.01	0.01	0.00	0.47
2.00- 3.00	0.10	0.04	0.04	0.13	0.14	0.52	0.21	0.13	0.14	0.13	0.13	0.05	0.12	0.07	0.13	0.13	2.22
3.00- 4.00	0.14	0.16	0.13	0.23	0.23	0.33	0.35	0.50	0.33	0.26	0.22	0.25	0.21	0.10	0.21	0.12	3.77
4.00- 5.00	0.17	0.23	0.29	0.35	0.43	0.16	0.29	0.55	0.60	0.48	0.33	0.25	0.21	0.17	0.20	0.27	4.97
5.00- 6.00	0.21	0.18	0.16	0.14	0.33	0.05	0.09	0.72	0.85	0.65	0.33	0.26	0.33	0.34	0.29	0.33	5.25
6.00- 8.00	0.14	0.16	0.38	0.21	0.30	0.03	0.13	0.57	1.62	1.07	0.50	0.34	0.61	0.34	0.31	0.23	6.95
8.00-10.00	0.01	0.12	0.03	0.01	0.09	0.00	0.01	0.14	0.40	0.42	0.12	0.04	0.13	0.07	0.05	0.09	1.74
>10.00	0.00	0.03	0.00	0.00	0.01	0.00	0.01	0.05	0.31	0.08	0.01	0.03	0.04	0.00	0.03	0.00	0.60
VARIABLE																	0.00
TOTAL	0.85	1.02	1.10	1.11	1.58	1.27	1.19	2.73	4.32	3.12	1.68	1.28	1.68	1.10	1.25	1.19	26.57

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS F

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.05
CALM- 0.75	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.04
0.75- 1.00	0.00	0.01	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.07
1.00- 1.25	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.07
1.25- 1.50	0.00	0.00	0.00	0.00	0.01	0.05	0.00	0.03	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.14
1.50- 2.00	0.01	0.00	0.00	0.01	0.03	0.07	0.03	0.01	0.01	0.04	0.03	0.03	0.04	0.03	0.01	0.01	0.35
2.00- 3.00	0.09	0.04	0.05	0.07	0.07	0.12	0.08	0.03	0.09	0.04	0.08	0.00	0.03	0.03	0.03	0.04	0.86
3.00- 4.00	0.08	0.07	0.04	0.08	0.05	0.07	0.07	0.05	0.13	0.13	0.05	0.05	0.04	0.07	0.12	0.17	1.25
4.00- 5.00	0.03	0.10	0.08	0.13	0.22	0.05	0.08	0.08	0.17	0.12	0.10	0.14	0.12	0.16	0.14	0.16	1.88
5.00- 6.00	0.08	0.07	0.14	0.30	0.17	0.04	0.04	0.20	0.34	0.09	0.10	0.16	0.08	0.12	0.10	0.21	2.23
6.00- 8.00	0.03	0.21	0.20	0.30	0.17	0.00	0.03	0.07	0.40	0.31	0.42	0.27	0.12	0.03	0.08	0.12	2.74
8.00-10.00	0.01	0.01	0.03	0.05	0.07	0.00	0.00	0.01	0.01	0.01	0.09	0.09	0.03	0.00	0.00	0.04	0.46
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.05	0.00	0.00	0.00	0.01	0.09
VARIABLE																	0.00
TOTAL	0.33	0.51	0.54	0.94	0.82	0.43	0.31	0.47	1.20	0.74	0.90	0.82	0.46	0.43	0.51	0.77	10.23

CALM= 0.50 M/S

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS G

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.01
CALM- 0.75	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
0.75- 1.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.05
1.00- 1.25	0.01	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.01	0.08
1.25- 1.50	0.01	0.00	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.03	0.04	0.16
1.50- 2.00	0.00	0.00	0.01	0.01	0.00	0.03	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.04	0.01	0.03	0.17
2.00- 3.00	0.00	0.01	0.01	0.00	0.01	0.14	0.03	0.04	0.01	0.05	0.00	0.03	0.05	0.04	0.07	0.13	0.63
3.00- 4.00	0.03	0.04	0.04	0.07	0.10	0.09	0.04	0.01	0.04	0.01	0.05	0.05	0.07	0.03	0.10	0.10	0.87
4.00- 5.00	0.01	0.03	0.09	0.09	0.12	0.03	0.07	0.01	0.08	0.08	0.03	0.04	0.01	0.03	0.05	0.05	0.81
5.00- 6.00	0.01	0.08	0.16	0.10	0.10	0.00	0.01	0.04	0.05	0.08	0.03	0.08	0.04	0.00	0.12	0.08	0.98
6.00- 8.00	0.00	0.03	0.16	0.12	0.14	0.00	0.01	0.01	0.07	0.05	0.09	0.18	0.04	0.00	0.01	0.05	0.97
8.00-10.00	0.00	0.00	0.03	0.05	0.08	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.00	0.00	0.00	0.00	0.26
>10.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.05
VARIABLE																	0.00
TOTAL	0.08	0.18	0.51	0.46	0.57	0.35	0.20	0.13	0.25	0.27	0.22	0.50	0.26	0.17	0.39	0.50	5.05

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS ALL

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.27
CALM- 0.75	0.00	0.01	0.03	0.03	0.01	0.04	0.01	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.01	0.01	0.20
0.75- 1.00	0.00	0.01	0.03	0.01	0.01	0.18	0.09	0.01	0.01	0.01	0.01	0.01	0.08	0.04	0.03	0.00	0.55
1.00- 1.25	0.03	0.01	0.04	0.01	0.08	0.14	0.10	0.03	0.04	0.07	0.03	0.07	0.01	0.05	0.03	0.03	0.76
1.25- 1.50	0.05	0.08	0.05	0.04	0.07	0.18	0.20	0.20	0.05	0.05	0.08	0.07	0.17	0.03	0.07	0.09	1.46
1.50- 2.00	0.16	0.13	0.17	0.17	0.20	0.56	0.29	0.21	0.14	0.12	0.18	0.20	0.29	0.21	0.21	0.12	3.34
2.00- 3.00	0.51	0.25	0.47	0.55	0.70	1.45	0.98	0.48	0.69	0.68	0.67	0.33	0.61	0.40	0.61	0.65	10.04
3.00- 4.00	0.60	0.64	0.72	0.82	0.99	1.03	0.95	1.28	1.25	1.11	1.07	0.52	0.76	0.52	1.02	0.82	14.11
4.00- 5.00	0.65	0.64	1.06	1.03	1.11	0.60	0.90	1.41	1.76	1.70	1.28	0.95	1.01	0.73	0.81	0.89	16.53
5.00- 6.00	0.70	0.70	1.03	0.72	0.84	0.18	0.57	1.51	2.44	1.74	1.12	0.94	0.97	0.93	1.16	1.03	16.59
6.00- 8.00	0.60	1.11	1.27	1.07	0.72	0.21	0.40	1.46	3.69	3.08	1.70	1.41	1.88	1.75	1.68	1.02	23.05
8.00-10.00	0.12	0.51	0.84	0.30	0.30	0.00	0.20	0.60	1.58	1.03	0.51	0.44	1.06	0.61	0.69	0.43	9.22
>10.00	0.03	0.27	0.14	0.03	0.03	0.00	0.04	0.29	0.74	0.35	0.12	0.21	0.95	0.37	0.22	0.09	3.88
VARIABLE																	0.00
TOTAL	3.45	4.37	5.84	4.78	5.05	4.58	4.74	7.48	12.42	9.93	6.79	5.16	7.78	5.64	6.54	5.18	100.00

CALM= 0.50 M/S

PERCENT DATA RECOVERY = 87.2

OVERALL STABILITY CLASS FREQUENCIES IN PERCENT

STABILITY:	A	B	C	D	E	F	G	ALL
FREQUENCY:	12.5	5.3	3.1	37.2	26.6	10.2	5.1	100.0

OVERALL WIND SPEED FREQUENCIES IN PERCENT

WIND SPEED (M/S):	CALM	CALM- 0.75	0.75- 1.00	1.00- 1.25	1.25- 1.50	1.50- 2.00	2.00- 3.00	3.00- 4.00	4.00- 5.00	5.00- 6.00	6.00- 8.00	8.00-10.00	>10.00	VARIABLE
FREQUENCY:	0.3	0.2	0.5	0.8	1.5	3.3	10.0	14.1	16.5	16.6	23.1	9.2	3.9	0.0
CUMULATIVE FREQ:	0.3	0.5	1.0	1.8	3.2	6.6	16.6	30.7	47.3	63.9	86.9	96.1	100.0	

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

DISTRIBUTION OF VARIABLE WINDS

U (M/S)	A	B	C	D	E	F	G	TOTAL
CALM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.75- 1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.00- 1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.25- 1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.50- 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.00- 3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.00- 4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.00- 5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.00- 6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.00- 8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2001

PROGRAM: DATEDATA VERSION: 4.0 DATED: May 1997 TIME = 13:11:26.98 DATE = 6- 4-2004
TITLE: Clinton 2001 Met Data
HOURLY DATA CODED: 1-24

DATE OF FIRST DATA RECORD READ: 2001 1 1

NO ERRORS FOUND IN DATE SEQUENCE OF DATA

DATE OF LAST DATA RECORD READ: 2001 365 24 RECORD NO. 8760

19	10	29	29	32	25	37	56	76	60	35	28	46	41	30	21
4	8	20	16	11	7	14	59	90	65	34	29	23	33	12	8
4	2	4	0	0	4	6	20	47	49	23	7	9	7	2	3
0	1	3	0	0	0	6	5	39	17	15	5	4	2	0	0
0	0	0	0	0	0	1	2	24	8	3	3	13	0	0	1
0	0	0	0	0	0	0	0	1	5	1	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	3	0	4	1	0	1	0	3	2	2	3	2	0	0
2	4	7	9	2	4	2	2	3	7	9	4	6	3	1	0
3	4	5	1	3	3	2	2	2	5	1	4	4	0	1	1
2	4	10	6	8	9	7	4	5	15	3	10	4	4	5	1
7	6	26	16	7	7	3	15	9	10	7	14	13	9	12	5
7	23	35	10	0	1	23	24	15	25	28	14	17	10	8	3
0	4	4	0	0	0	1	4	5	11	7	8	4	11	7	0
1	1	0	0	0	0	0	1	2	5	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	1	1	2	3	1	1	0	0	0	0	1	3	2	0
2	3	4	7	5	3	1	2	0	3	1	3	3	4	8	1
2	11	8	4	4	0	3	0	1	2	2	3	3	2	5	0
2	5	12	5	1	4	2	2	5	3	2	3	9	7	5	2
1	11	26	5	2	0	1	2	8	2	4	8	8	9	7	1
0	5	9	1	0	0	1	2	1	2	2	2	2	7	12	2
0	0	0	0	0	0	1	0	0	0	0	0	0	1	3	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PROGRAM: MISS VERSION: 4.0 DATED: MAY 1997 TIME = 13:11:30.50 DATE = 6- 4-2004
TITLE: Clinton 2001 Met Data
INPUT OPTIONS:
STARTING DATE: 2001 1 1
ENDING DATE: 2001 12 31

HOURLY SUMMARY OF MISSING DATA

	60.0 METERS				0.0 METERS				10.0 METERS				TEMPERATURE DIFFERENCE (DEGREES C/100 METERS)			
PERIOD OF OCCURRENCE (HOURS)	WIND DIR (DEG)	WIND SPEED (M/S)	TEMP (C)	DEW POINT (C)	WIND DIR (DEG)	WIND SPEED (M/S)	TEMP (C)	DEW POINT (C)	WIND DIR (DEG)	WIND SPEED (M/S)	TEMP (C)	DEW POINT (C)	60.0-10.0	60.0-0.0	0.0-10.0	PRECIP (MM)
1	0	0	1	0	0	0	0	0	1	1	1	0	1	0	0	0
2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
3	1	1	1	0	0	0	0	0	1	1	1	0	1	0	0	0
4	1	1	1	0	0	0	0	0	1	1	1	0	1	0	0	0
5	1	1	1	0	0	0	0	0	2	1	1	0	1	0	0	0
6	1	1	1	0	0	0	0	0	1	1	1	0	1	0	0	0
7-11	7	7	7	0	0	0	0	0	7	7	7	0	7	0	0	0
12-23	6	6	8	0	0	0	0	0	6	6	6	0	5	0	0	0
24-47	6	6	5	0	0	0	0	0	6	6	6	0	7	0	0	0
48-71	2	2	2	0	0	0	0	0	2	2	2	0	2	0	0	0
72-95	1	1	1	0	0	0	0	0	1	1	1	0	1	0	0	0
96-119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONGEST CASE	94	94	94	0	0	0	0	0	94	94	94	0	94	0	0	0
TOTAL HOURS MISSING	580	581	582	0	0	0	0	0	588	581	583	0	604	0	0	0
TOTAL HOURS	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760
PERCENT DATA RECOVERY	93.4	93.4	93.4	100.0	100.0	100.0	100.0	100.0	93.3	93.4	93.3	100.0	93.1	100.0	100.0	100.0

PROGRAM: QA VERSION: 4 DATED: MARCH 1999 TIME = 13:11:36.10 DATE = 6- 4-2004
TITLE: Clinton 2001 Met Data

CHECK FOLLOWING LEVEL(S) OF DATA:
LOWER
UPPER
CHECK FOLLOWING DELTA-T INTERVALS:
UPPER MINUS LOWER
CHECK WIND SPEED AND DIRECTION: YES
CHECK TEMPERATURE: NO
CHECK DEW POINT: NO
CHECK PRECIPITATION: NO
CHECK DATA: BEGINNING - 2001 1 1
ENDING - 2001 12 31

NUMBER OF OCCURRENCES OF WS AT 60.0 M LOWER THAN THE WS AT 10.0 M EQUALS 237
NUMBER OF OCCURRENCES OF WD AT 60.0 M EQUALS TO WD AT 10.0 M EQUALS 308
NUMBER OF OCCURRENCES OF WS AT 60.0 M EQUAL TO WS AT 10.0 M EQUALS 125
WD DIFFERENCE BETWEEN 60.0 M AND 10.0 M IS GREATER THAN OR EQUAL TO 22.5 DEGREES AND
WS AT EITHER LEVEL IS GREATER THAN OR EQUAL TO 2.5 M/SEC OCCURRENCES = 1639
WS AT EITHER LEVEL IS GREATER THAN OR EQUAL TO 5.0 M/SEC OCCURRENCES = 739
WS AT EITHER LEVEL IS GREATER THAN OR EQUAL TO 7.5 M/SEC OCCURRENCES = 173

SUMMARY OF MAXIMUM AND MINIMUM VALUES

	60.0 M			0.0 M			10.0 M		
	HRS	MIN	MAX	HRS	MIN	MAX	HRS	MIN	MAX
WIND DIRECTION (DEG)	8180	0.0	359.0	8760	0.0	0.0	8172	0.0	359.0
WIND SPEED (M/S)	8179	0.0	18.9	8760	0.0	0.0	8179	0.0	13.5
TEMPERATURE (DEG C)	8178	-27.5	32.7	8760	0.0	0.0	8177	-18.6	33.3
MOISTURE (DEG C OR %)	8760	0.0	0.0	8760	0.0	0.0	8760	0.0	0.0

	60.0 - 10.0 M			60.0 - 0.0 M			0.0 - 10.0 M		
DELTA T (DEG C/100M)	8156	-4.7	12.8	8760	0.0	0.0	8760	0.0	0.0

***** LAST DATA RECORD HAS BEEN READ *****
***** EXECUTION SUCCESSFULLY TERMINATED *****

YR	DY	HR	Observation
1			HEIGHT = 10.0 M WIND FROM SECTOR E FOR PREVIOUS 9 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR E FOR PREVIOUS 11 HOUR PERIOD Count
2			HEIGHT = 10.0 M WIND FROM SECTOR N FOR PREVIOUS 8 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR N FOR PREVIOUS 9 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR N FOR PREVIOUS 10 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR N FOR PREVIOUS 12 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR N FOR PREVIOUS 17 HOUR PERIOD Count
6			HEIGHT = 10.0 M WIND FROM SECTOR S FOR PREVIOUS 8 HOUR PERIOD Count
2			HEIGHT = 10.0 M WIND FROM SECTOR S FOR PREVIOUS 9 HOUR PERIOD Count
5			HEIGHT = 10.0 M WIND FROM SECTOR S FOR PREVIOUS 10 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR S FOR PREVIOUS 11 HOUR PERIOD Count
2			HEIGHT = 10.0 M WIND FROM SECTOR S FOR PREVIOUS 12 HOUR PERIOD Count
2			HEIGHT = 10.0 M WIND FROM SECTOR S FOR PREVIOUS 13 HOUR PERIOD Count
3			HEIGHT = 10.0 M WIND FROM SECTOR S FOR PREVIOUS 15 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR S FOR PREVIOUS 16 HOUR PERIOD Count
2			HEIGHT = 10.0 M WIND FROM SECTOR S FOR PREVIOUS 18 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR S FOR PREVIOUS 19 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR S FOR PREVIOUS 21 HOUR PERIOD Count
2			HEIGHT = 10.0 M WIND FROM SECTOR W FOR PREVIOUS 8 HOUR PERIOD Count
3			HEIGHT = 10.0 M WIND FROM SECTOR W FOR PREVIOUS 9 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR W FOR PREVIOUS 10 HOUR PERIOD Count
2			HEIGHT = 10.0 M WIND FROM SECTOR W FOR PREVIOUS 12 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR W FOR PREVIOUS 16 HOUR PERIOD Count
2			HEIGHT = 10.0 M WIND FROM SECTOR NE FOR PREVIOUS 9 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR NE FOR PREVIOUS 10 HOUR PERIOD Count
2			HEIGHT = 10.0 M WIND FROM SECTOR NE FOR PREVIOUS 13 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR NE FOR PREVIOUS 14 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR NE FOR PREVIOUS 19 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR NW FOR PREVIOUS 8 HOUR PERIOD Count
2			HEIGHT = 10.0 M WIND FROM SECTOR NW FOR PREVIOUS 11 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR NW FOR PREVIOUS 13 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR NW FOR PREVIOUS 15 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR NW FOR PREVIOUS 19 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR NW FOR PREVIOUS 20 HOUR PERIOD Count
4			HEIGHT = 10.0 M WIND FROM SECTOR SE FOR PREVIOUS 8 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR SE FOR PREVIOUS 9 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR SE FOR PREVIOUS 12 HOUR PERIOD Count
3			HEIGHT = 10.0 M WIND FROM SECTOR SW FOR PREVIOUS 8 HOUR PERIOD Count
2			HEIGHT = 10.0 M WIND FROM SECTOR SW FOR PREVIOUS 9 HOUR PERIOD Count
5			HEIGHT = 10.0 M WIND FROM SECTOR SW FOR PREVIOUS 10 HOUR PERIOD Count
1			HEIGHT = 10.0 M WIND FROM SECTOR ENE FOR PREVIOUS 8 HOUR PERIOD Count

2	HEIGHT =	10.0 M	WIND FROM SECTOR ENE FOR PREVIOUS	9 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR ESE FOR PREVIOUS	8 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR ESE FOR PREVIOUS	9 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR ESE FOR PREVIOUS	10 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR ESE FOR PREVIOUS	11 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR NNE FOR PREVIOUS	8 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR NNE FOR PREVIOUS	9 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR NNE FOR PREVIOUS	10 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR NNE FOR PREVIOUS	11 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR NNW FOR PREVIOUS	8 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR NNW FOR PREVIOUS	9 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR SSE FOR PREVIOUS	8 HOUR PERIOD Count
4	HEIGHT =	10.0 M	WIND FROM SECTOR SSE FOR PREVIOUS	9 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR SSE FOR PREVIOUS	10 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR SSE FOR PREVIOUS	12 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR SSW FOR PREVIOUS	8 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR SSW FOR PREVIOUS	9 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR SSW FOR PREVIOUS	10 HOUR PERIOD Count
4	HEIGHT =	10.0 M	WIND FROM SECTOR SSW FOR PREVIOUS	11 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR SSW FOR PREVIOUS	12 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR SSW FOR PREVIOUS	16 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR SSW FOR PREVIOUS	17 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR WNW FOR PREVIOUS	8 HOUR PERIOD Count
3	HEIGHT =	10.0 M	WIND FROM SECTOR WNW FOR PREVIOUS	9 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR WNW FOR PREVIOUS	10 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR WNW FOR PREVIOUS	11 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR WNW FOR PREVIOUS	15 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR WNW FOR PREVIOUS	18 HOUR PERIOD Count
3	HEIGHT =	10.0 M	WIND FROM SECTOR WSW FOR PREVIOUS	8 HOUR PERIOD Count
3	HEIGHT =	10.0 M	WIND FROM SECTOR WSW FOR PREVIOUS	9 HOUR PERIOD Count
3	HEIGHT =	10.0 M	WIND FROM SECTOR WSW FOR PREVIOUS	10 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR WSW FOR PREVIOUS	12 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR E FOR PREVIOUS	8 HOUR PERIOD Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR E FOR PREVIOUS	10 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR E FOR PREVIOUS	11 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR E FOR PREVIOUS	12 HOUR PERIOD Count
5	HEIGHT =	60.0 M	WIND FROM SECTOR N FOR PREVIOUS	8 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR N FOR PREVIOUS	9 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR N FOR PREVIOUS	10 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR N FOR PREVIOUS	12 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR N FOR PREVIOUS	13 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR N FOR PREVIOUS	18 HOUR PERIOD Count

3	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	8 HOUR PERIOD	Count
3	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	9 HOUR PERIOD	Count
5	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	10 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	11 HOUR PERIOD	Count
3	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	12 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	14 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	15 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	18 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	20 HOUR PERIOD	Count
3	HEIGHT =	60.0 M	WIND FROM SECTOR	W FOR PREVIOUS	8 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	W FOR PREVIOUS	9 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	W FOR PREVIOUS	10 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	W FOR PREVIOUS	12 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	W FOR PREVIOUS	13 HOUR PERIOD	Count
3	HEIGHT =	60.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	8 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	9 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	10 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	12 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	17 HOUR PERIOD	Count
3	HEIGHT =	60.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	8 HOUR PERIOD	Count
4	HEIGHT =	60.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	9 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	11 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	12 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	13 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	14 HOUR PERIOD	Count
4	HEIGHT =	60.0 M	WIND FROM SECTOR	SE FOR PREVIOUS	8 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SE FOR PREVIOUS	9 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SE FOR PREVIOUS	17 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SE FOR PREVIOUS	21 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SW FOR PREVIOUS	8 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SW FOR PREVIOUS	9 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SW FOR PREVIOUS	10 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SW FOR PREVIOUS	11 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SW FOR PREVIOUS	12 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	SW FOR PREVIOUS	14 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SW FOR PREVIOUS	16 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SW FOR PREVIOUS	21 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SW FOR PREVIOUS	23 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	ENE FOR PREVIOUS	8 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	ENE FOR PREVIOUS	10 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	ENE FOR PREVIOUS	11 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	ESE FOR PREVIOUS	8 HOUR PERIOD	Count

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 1    HEIGHT =  60.0 M   WIND FROM SECTOR ESE FOR PREVIOUS  16 HOUR PERIOD Count
 3    HEIGHT =  60.0 M   WIND FROM SECTOR NNE FOR PREVIOUS   8 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR NNE FOR PREVIOUS  10 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR NNE FOR PREVIOUS  11 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR NNE FOR PREVIOUS  12 HOUR PERIOD Count
 2    HEIGHT =  60.0 M   WIND FROM SECTOR NNE FOR PREVIOUS  13 HOUR PERIOD Count
 2    HEIGHT =  60.0 M   WIND FROM SECTOR NNE FOR PREVIOUS  14 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR NNE FOR PREVIOUS  15 HOUR PERIOD Count
 2    HEIGHT =  60.0 M   WIND FROM SECTOR NNW FOR PREVIOUS   8 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR NNW FOR PREVIOUS   9 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR NNW FOR PREVIOUS  10 HOUR PERIOD Count
 4    HEIGHT =  60.0 M   WIND FROM SECTOR SSE FOR PREVIOUS   8 HOUR PERIOD Count
 3    HEIGHT =  60.0 M   WIND FROM SECTOR SSE FOR PREVIOUS   9 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR SSE FOR PREVIOUS  10 HOUR PERIOD Count
 3    HEIGHT =  60.0 M   WIND FROM SECTOR SSE FOR PREVIOUS  11 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR SSE FOR PREVIOUS  12 HOUR PERIOD Count
 2    HEIGHT =  60.0 M   WIND FROM SECTOR SSE FOR PREVIOUS  13 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR SSE FOR PREVIOUS  14 HOUR PERIOD Count
 2    HEIGHT =  60.0 M   WIND FROM SECTOR SSE FOR PREVIOUS  15 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR SSE FOR PREVIOUS  17 HOUR PERIOD Count
 4    HEIGHT =  60.0 M   WIND FROM SECTOR SSW FOR PREVIOUS   8 HOUR PERIOD Count
 2    HEIGHT =  60.0 M   WIND FROM SECTOR SSW FOR PREVIOUS   9 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR SSW FOR PREVIOUS  10 HOUR PERIOD Count
 5    HEIGHT =  60.0 M   WIND FROM SECTOR SSW FOR PREVIOUS  11 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR SSW FOR PREVIOUS  13 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR SSW FOR PREVIOUS  20 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR SSW FOR PREVIOUS  31 HOUR PERIOD Count
 3    HEIGHT =  60.0 M   WIND FROM SECTOR WNW FOR PREVIOUS   8 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR WNW FOR PREVIOUS   9 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR WNW FOR PREVIOUS  11 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR WNW FOR PREVIOUS  13 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR WNW FOR PREVIOUS  15 HOUR PERIOD Count
 2    HEIGHT =  60.0 M   WIND FROM SECTOR WSW FOR PREVIOUS   8 HOUR PERIOD Count
 2    HEIGHT =  60.0 M   WIND FROM SECTOR WSW FOR PREVIOUS   9 HOUR PERIOD Count
 6    HEIGHT =  60.0 M   WIND FROM SECTOR WSW FOR PREVIOUS  10 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR WSW FOR PREVIOUS  12 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR WSW FOR PREVIOUS  14 HOUR PERIOD Count
 1    HEIGHT =  60.0 M   WIND FROM SECTOR WSW FOR PREVIOUS  17 HOUR PERIOD Count
 1    LAPSE RATE OF  -4.7 DEGREES C/100 METERS BETWEEN  60.0 M AND  10.0 M EXCEEDS THE AUTOCONVECTIVE LAPSE RATE Count
 1    STABILITY CLASS  A  DURING NIGHT BETWEEN  60.0 M AND  10.0 M Count
 9    STABILITY CLASS  B  DURING NIGHT BETWEEN  60.0 M AND  10.0 M Count
17    STABILITY CLASS  C  DURING NIGHT BETWEEN  60.0 M AND  10.0 M Count
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6	STABILITY CLASS D LASTED FOR PREVIOUS 13 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
11	STABILITY CLASS D LASTED FOR PREVIOUS 14 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
7	STABILITY CLASS D LASTED FOR PREVIOUS 15 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
4	STABILITY CLASS D LASTED FOR PREVIOUS 16 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
6	STABILITY CLASS D LASTED FOR PREVIOUS 17 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
4	STABILITY CLASS D LASTED FOR PREVIOUS 18 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
8	STABILITY CLASS D LASTED FOR PREVIOUS 19 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
5	STABILITY CLASS D LASTED FOR PREVIOUS 20 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS D LASTED FOR PREVIOUS 21 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
2	STABILITY CLASS D LASTED FOR PREVIOUS 24 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS D LASTED FOR PREVIOUS 25 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
2	STABILITY CLASS D LASTED FOR PREVIOUS 27 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS D LASTED FOR PREVIOUS 28 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS D LASTED FOR PREVIOUS 29 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS D LASTED FOR PREVIOUS 30 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS D LASTED FOR PREVIOUS 36 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
2	STABILITY CLASS D LASTED FOR PREVIOUS 40 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
5	STABILITY CLASS E LASTED FOR PREVIOUS 13 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
4	STABILITY CLASS E LASTED FOR PREVIOUS 14 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS E LASTED FOR PREVIOUS 15 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS E LASTED FOR PREVIOUS 16 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS E LASTED FOR PREVIOUS 17 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
108	STABILITY CLASS F DURING DAY BETWEEN 60.0 M AND 10.0 M Count
2	STABILITY CLASS F LASTED FOR PREVIOUS 13 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
57	STABILITY CLASS G DURING DAY BETWEEN 60.0 M AND 10.0 M Count
2	STABILITY CLASS G LASTED FOR PREVIOUS 14 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS JUMPED FROM A TO E OVER ONE HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS JUMPED FROM F TO B OVER ONE HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
255	WIND SPEED GREATER THAN 7.5 M/SEC FOR STABILITY CLASS A BETWEEN 60.0 M AND 10.0 M Count
125	WIND SPEED GREATER THAN 7.5 M/SEC FOR STABILITY CLASS B BETWEEN 60.0 M AND 10.0 M Count
86	WIND SPEED GREATER THAN 7.5 M/SEC FOR STABILITY CLASS C BETWEEN 60.0 M AND 10.0 M Count
63	WIND SPEED GREATER THAN 7.5 M/SEC FOR STABILITY CLASS F BETWEEN 60.0 M AND 10.0 M Count
7	WIND SPEED GREATER THAN 7.5 M/SEC FOR STABILITY CLASS G BETWEEN 60.0 M AND 10.0 M Count
1095	Grand Count

PROGRAM: STABQ VERSION: 4.0 DATED: MAY 1997 TIME = 13:11:33.37 DATE = 6- 4-2004
TITLE: Clinton 2001 Met Data

COMPUTE STABILITY BASED ON: DELTA-T
START DATE: 2001 1 1
END DATE: 2001 12 31

STABILITY BASED ON DELTA-T BETWEEN 60.0- 10.0 METERS
NUMBER OF OCCURRENCES

PERIOD OF OCCURRENCE (HOURS)	STABILITY A	B	C	D	E	F	G
1	67	309	208	283	220	143	32
2	37	99	24	156	125	80	22
3	35	23	7	63	58	35	12
4	34	1	3	47	43	17	6
5	35	6	0	24	28	17	6
6	34	1	0	17	21	8	5
7-11	68	1	0	57	69	12	13
12-23	0	0	0	58	18	2	3
24-47	0	0	0	11	0	0	0
48-71	0	0	0	0	0	0	0
72-95	0	0	0	0	0	0	0
96-119	0	0	0	0	0	0	0
>120	0	0	0	0	0	0	0
LONGEST CASE	10	7	4	40	17	13	14
FREQUENCY OF CLASS (%)	15.77	7.64	3.54	36.08	23.63	9.06	4.28

PROGRAM: JFREQ VERSION: 5.0 DATED: MAY 1997 TIME = 13:15:38.90 DATE = 6- 4-2004
TITLE:Clinton 2001 Met Data

WIND DATA FROM LEVEL: LOWER
DELTA-T INTERVAL: UPPER MINUS LOWER
Create Hourly JFD for PAVAN: YES
HOURLY DATA CODED: 01-24
WRITE STABILITY CLASS BY HOUR OF DAY: YES
CALM WINDS CODED: 0.50 M/S
NO WINDS CODED AS A VARIABLE DIRECTION
JFD FOR DATA PERIOD: BEGINNING - 2001 1 1
ENDING - 2001 12 31

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS A

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
CALM- 0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.75- 1.00	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	4
1.00- 1.25	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
1.25- 1.50	0	0	0	0	0	1	1	5	2	1	2	2	1	2	1	1	19
1.50- 2.00	2	1	5	3	8	7	8	12	12	7	1	4	2	1	3	0	76
2.00- 3.00	7	3	9	24	12	23	14	24	45	32	21	10	12	10	27	10	283
3.00- 4.00	9	2	23	11	11	9	5	16	42	24	23	15	21	15	22	8	256
4.00- 5.00	18	10	14	6	7	1	13	12	26	25	17	12	25	17	20	3	226
5.00- 6.00	14	4	10	0	3	0	2	2	18	20	25	22	21	27	23	6	197
6.00- 8.00	4	1	7	0	0	0	0	3	21	17	25	22	26	28	23	10	187
8.00-10.00	0	0	0	0	0	0	0	1	3	0	4	4	3	10	4	0	29
>10.00	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4
VARIABLE																	0
TOTAL	54	21	68	44	41	41	43	75	170	128	119	95	112	110	124	38	1283

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS B

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
CALM- 0.75	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	2
0.75- 1.00	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3
1.00- 1.25	0	0	0	0	0	0	0	2	2	0	1	0	0	0	1	0	6
1.25- 1.50	0	0	1	1	0	1	1	0	1	0	2	1	0	1	2	0	11
1.50- 2.00	1	1	5	4	1	2	4	4	8	0	6	2	2	5	2	1	48
2.00- 3.00	6	6	12	10	3	2	14	5	8	12	7	12	16	13	9	8	143
3.00- 4.00	10	10	8	7	4	3	3	9	11	8	5	17	15	10	13	8	141
4.00- 5.00	4	10	2	4	0	0	1	5	11	16	17	6	5	9	13	5	108
5.00- 6.00	7	9	0	0	1	0	1	5	9	1	7	4	2	9	4	2	61
6.00- 8.00	5	3	2	0	0	0	0	1	9	11	6	11	5	10	12	1	76
8.00-10.00	0	1	1	0	0	0	0	0	2	0	0	3	6	3	3	0	19
>10.00	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
VARIABLE																	0
TOTAL	33	40	31	27	9	8	24	32	63	49	51	58	51	60	59	25	622

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS C

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
CALM- 0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.75- 1.00	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2
1.00- 1.25	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	2
1.25- 1.50	0	0	2	0	0	1	0	2	2	0	0	0	0	0	0	0	7
1.50- 2.00	2	0	1	1	0	0	0	1	1	1	0	1	0	2	1	3	14
2.00- 3.00	3	4	10	3	2	3	4	1	1	3	2	0	5	6	3	5	55
3.00- 4.00	0	2	4	1	1	3	3	1	6	2	5	4	3	7	5	9	56
4.00- 5.00	3	9	1	1	0	1	1	2	5	3	7	4	5	5	2	0	49
5.00- 6.00	2	2	1	0	1	0	0	1	2	2	4	1	2	8	6	1	33
6.00- 8.00	1	2	2	0	0	0	0	2	3	4	4	15	7	15	4	0	59
8.00-10.00	0	0	0	0	0	0	0	0	0	2	1	1	1	3	2	0	10
>10.00	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
VARIABLE																	0
TOTAL	11	19	21	6	4	8	9	10	21	17	23	27	23	49	23	18	289

CALM= 0.50 M/S

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS D

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	4
CALM- 0.75	0	1	1	0	0	0	1	0	0	0	0	0	1	0	0	2	6
0.75- 1.00	3	2	1	0	2	5	5	3	2	3	1	1	2	1	3	3	37
1.00- 1.25	1	1	1	3	0	3	0	1	2	2	1	2	0	2	2	1	22
1.25- 1.50	2	5	6	2	8	14	7	8	6	7	5	1	2	3	2	5	83
1.50- 2.00	7	7	13	12	10	19	12	17	17	11	10	4	11	10	10	13	183
2.00- 3.00	34	32	37	25	31	45	36	43	24	34	38	21	44	45	43	29	561
3.00- 4.00	47	35	25	24	16	35	42	59	37	42	34	38	50	59	63	36	642
4.00- 5.00	43	40	24	17	2	10	18	31	57	46	28	41	67	65	65	28	582
5.00- 6.00	16	17	22	3	0	4	16	25	58	32	22	25	28	49	37	10	364
6.00- 8.00	9	13	14	0	1	0	9	17	59	54	17	29	47	36	32	8	345
8.00-10.00	0	3	0	0	0	0	1	3	28	19	5	14	12	6	4	1	96
>10.00	0	0	0	0	0	0	0	0	5	3	3	2	4	1	0	0	18
VARIABLE																	0
TOTAL	162	156	144	86	70	135	147	207	295	253	164	178	268	277	261	136	2943

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS E

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	17
CALM- 0.75	0	0	0	0	1	2	2	3	3	3	1	2	1	2	1	0	21
0.75- 1.00	2	3	4	3	3	3	9	5	11	7	8	11	5	2	1	3	80
1.00- 1.25	0	1	2	0	5	4	3	3	2	2	3	3	1	2	0	0	31
1.25- 1.50	2	2	10	15	13	19	12	12	14	14	11	9	5	4	5	4	151
1.50- 2.00	5	3	20	16	16	24	27	22	25	30	26	18	20	11	8	2	273
2.00- 3.00	19	10	29	29	32	25	37	56	76	60	35	28	46	41	30	21	574
3.00- 4.00	4	8	20	16	11	7	14	59	90	65	34	29	23	33	12	8	433
4.00- 5.00	4	2	4	0	0	4	6	20	47	49	23	7	9	7	2	3	187
5.00- 6.00	0	1	3	0	0	0	6	5	39	17	15	5	4	2	0	0	97
6.00- 8.00	0	0	0	0	0	0	1	2	24	8	3	3	13	0	0	1	55
8.00-10.00	0	0	0	0	0	0	0	0	1	5	1	1	0	0	0	0	8
>10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VARIABLE																	0
TOTAL	36	30	92	79	81	88	117	187	332	260	160	116	127	104	59	42	1927

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS F

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	27
CALM- 0.75	2	0	3	0	4	1	0	1	0	3	2	2	3	2	0	0	23
0.75- 1.00	2	4	7	9	2	4	2	2	3	7	9	4	6	3	1	0	65
1.00- 1.25	3	4	5	1	3	3	2	2	2	5	1	4	4	0	1	1	41
1.25- 1.50	2	4	10	6	8	9	7	4	5	15	3	10	4	4	5	1	97
1.50- 2.00	7	6	26	16	7	7	3	15	9	10	7	14	13	9	12	5	166
2.00- 3.00	7	23	35	10	0	1	23	24	15	25	28	14	17	10	8	3	243
3.00- 4.00	0	4	4	0	0	0	1	4	5	11	7	8	4	11	7	0	66
4.00- 5.00	1	1	0	0	0	0	0	1	2	5	0	0	0	0	0	0	10
5.00- 6.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.00- 8.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.00-10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VARIABLE																	0
TOTAL	24	46	90	42	24	25	38	53	41	81	57	56	51	39	34	10	738

CALM= 0.50 M/S

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS G

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	15
CALM- 0.75	0	1	1	1	2	3	1	1	0	0	0	0	1	3	2	0	16
0.75- 1.00	2	3	4	7	5	3	1	2	0	3	1	3	3	4	8	1	50
1.00- 1.25	2	11	8	4	4	0	3	0	1	2	2	3	3	2	5	0	50
1.25- 1.50	2	5	12	5	1	4	2	2	5	3	2	3	9	7	5	2	69
1.50- 2.00	1	11	26	5	2	0	1	2	8	2	4	8	8	9	7	1	95
2.00- 3.00	0	5	9	1	0	0	1	2	1	2	2	2	2	7	12	2	48
3.00- 4.00	0	0	0	0	0	0	1	0	0	0	0	0	0	1	3	0	5
4.00- 5.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.00- 6.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.00- 8.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.00-10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VARIABLE																	0
TOTAL	7	36	60	23	14	10	10	9	15	12	11	19	26	33	42	6	348

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS ALL

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	65
CALM- 0.75	2	2	5	2	7	6	4	5	3	6	3	5	6	7	3	2	68
0.75- 1.00	9	12	16	19	12	15	18	13	19	21	20	20	16	11	13	7	241
1.00- 1.25	6	17	16	8	12	10	8	8	10	12	8	12	8	7	10	2	154
1.25- 1.50	8	16	41	29	30	49	30	33	35	40	25	26	21	21	20	13	437
1.50- 2.00	25	29	96	57	44	59	55	73	80	61	54	51	56	47	43	25	855
2.00- 3.00	76	83	141	102	80	99	129	155	170	168	133	87	142	132	132	78	1907
3.00- 4.00	70	61	84	59	43	57	69	148	191	152	108	111	116	136	125	69	1599
4.00- 5.00	73	72	45	28	9	16	39	71	148	144	92	70	111	103	102	39	1162
5.00- 6.00	39	33	36	3	5	4	25	38	126	72	73	57	57	95	70	19	752
6.00- 8.00	19	19	25	0	1	0	10	25	116	94	55	80	98	89	71	20	722
8.00-10.00	0	4	1	0	0	0	1	4	34	26	11	23	22	22	13	1	162
>10.00	0	0	0	0	0	0	0	0	5	4	3	7	5	2	0	0	26
VARIABLE																	0
TOTAL	327	348	506	307	243	315	388	573	937	800	585	549	658	672	602	275	8150

CALM= 0.50 M/S

TOTAL VALID HOURS = 8150 TOTAL POSSIBLE HOURS = 8760

OVERALL STABILITY CLASS FREQUENCIES IN HOURS

STABILITY:	A	B	C	D	E	F	G	ALL
FREQUENCY:	1283	622	289	2943	1927	738	348	8150

OVERALL WIND SPEED FREQUENCIES IN HOURS

WIND SPEED (M/S):	CALM	CALM- 0.75	0.75- 1.00	1.00- 1.25	1.25- 1.50	1.50- 2.00	2.00- 3.00	3.00- 4.00	4.00- 5.00	5.00- 6.00	6.00- 8.00	8.00-10.00	>10.00	VARIABLE
FREQUENCY:	65	68	241	154	437	855	1907	1599	1162	752	722	162	26	0
CUMULATIVE FREQ:	65	133	374	528	965	1820	3727	5326	6488	7240	7962	8124	8150	

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

DISTRIBUTION OF VARIABLE WINDS

U (M/S)	A	B	C	D	E	F	G	TOTAL
CALM	0	0	0	0	0	0	0	0
CALM- 0.75	0	0	0	0	0	0	0	0
0.75- 1.00	0	0	0	0	0	0	0	0
1.00- 1.25	0	0	0	0	0	0	0	0
1.25- 1.50	0	0	0	0	0	0	0	0
1.50- 2.00	0	0	0	0	0	0	0	0
2.00- 3.00	0	0	0	0	0	0	0	0
3.00- 4.00	0	0	0	0	0	0	0	0
4.00- 5.00	0	0	0	0	0	0	0	0
5.00- 6.00	0	0	0	0	0	0	0	0
6.00- 8.00	0	0	0	0	0	0	0	0
8.00-10.00	0	0	0	0	0	0	0	0
>10.00	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS A

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.00
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.75- 1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.05
1.00- 1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.02
1.25- 1.50	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.06	0.02	0.01	0.02	0.02	0.01	0.02	0.01	0.01	0.23
1.50- 2.00	0.02	0.01	0.06	0.04	0.10	0.09	0.10	0.15	0.15	0.09	0.01	0.05	0.02	0.01	0.04	0.00	0.93
2.00- 3.00	0.09	0.04	0.11	0.29	0.15	0.28	0.17	0.29	0.55	0.39	0.26	0.12	0.15	0.12	0.33	0.12	3.47
3.00- 4.00	0.11	0.02	0.28	0.13	0.13	0.11	0.06	0.20	0.52	0.29	0.28	0.18	0.26	0.18	0.27	0.10	3.14
4.00- 5.00	0.22	0.12	0.17	0.07	0.09	0.01	0.16	0.15	0.32	0.31	0.21	0.15	0.31	0.21	0.25	0.04	2.77
5.00- 6.00	0.17	0.05	0.12	0.00	0.04	0.00	0.02	0.02	0.22	0.25	0.31	0.27	0.26	0.33	0.28	0.07	2.42
6.00- 8.00	0.05	0.01	0.09	0.00	0.00	0.00	0.00	0.04	0.26	0.21	0.31	0.27	0.32	0.34	0.28	0.12	2.29
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.00	0.05	0.05	0.04	0.12	0.05	0.00	0.36
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.01	0.00	0.00	0.00	0.05
VARIABLE																	0.00
TOTAL	0.66	0.26	0.83	0.54	0.50	0.50	0.53	0.92	2.09	1.57	1.46	1.17	1.37	1.35	1.52	0.47	15.74

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS B

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.02
CALM- 0.75	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.02
0.75- 1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1.00- 1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.07
1.25- 1.50	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.02	0.01	0.00	0.01	0.02	0.00	0.13
1.50- 2.00	0.01	0.01	0.06	0.05	0.01	0.02	0.05	0.05	0.10	0.00	0.07	0.02	0.02	0.06	0.02	0.01	0.59
2.00- 3.00	0.07	0.07	0.15	0.12	0.04	0.02	0.17	0.06	0.10	0.15	0.09	0.15	0.20	0.16	0.11	0.10	1.75
3.00- 4.00	0.12	0.12	0.10	0.09	0.05	0.04	0.04	0.11	0.13	0.10	0.06	0.21	0.18	0.12	0.16	0.10	1.73
4.00- 5.00	0.05	0.12	0.02	0.05	0.00	0.00	0.01	0.06	0.13	0.20	0.21	0.07	0.06	0.11	0.16	0.06	1.33
5.00- 6.00	0.09	0.11	0.00	0.00	0.01	0.00	0.01	0.06	0.11	0.01	0.09	0.05	0.02	0.11	0.05	0.02	0.75
6.00- 8.00	0.06	0.04	0.02	0.00	0.00	0.00	0.00	0.01	0.11	0.13	0.07	0.13	0.06	0.12	0.15	0.01	0.93
8.00-10.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.04	0.07	0.04	0.04	0.00	0.23
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.02
VARIABLE																	0.00
TOTAL	0.40	0.49	0.38	0.33	0.11	0.10	0.29	0.39	0.77	0.60	0.63	0.71	0.63	0.74	0.72	0.31	7.63

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS C

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.00
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.75- 1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02
1.00- 1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02
1.25- 1.50	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1.50- 2.00	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.02	0.01	0.04	0.17
2.00- 3.00	0.04	0.05	0.12	0.04	0.02	0.04	0.05	0.01	0.01	0.04	0.02	0.00	0.06	0.07	0.04	0.06	0.67
3.00- 4.00	0.00	0.02	0.05	0.01	0.01	0.04	0.04	0.01	0.07	0.02	0.06	0.05	0.04	0.09	0.06	0.11	0.69
4.00- 5.00	0.04	0.11	0.01	0.01	0.00	0.01	0.01	0.02	0.06	0.04	0.09	0.05	0.06	0.06	0.02	0.00	0.60
5.00- 6.00	0.02	0.02	0.01	0.00	0.01	0.00	0.00	0.01	0.02	0.02	0.05	0.01	0.02	0.10	0.07	0.01	0.40
6.00- 8.00	0.01	0.02	0.02	0.00	0.00	0.00	0.00	0.02	0.04	0.05	0.05	0.18	0.09	0.18	0.05	0.00	0.72
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.01	0.01	0.04	0.02	0.00	0.12
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.02
VARIABLE																	0.00
TOTAL	0.13	0.23	0.26	0.07	0.05	0.10	0.11	0.12	0.26	0.21	0.28	0.33	0.28	0.60	0.28	0.22	3.55

CALM= 0.50 M/S

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS D

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.05
CALM- 0.75	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.07
0.75- 1.00	0.04	0.02	0.01	0.00	0.02	0.06	0.06	0.04	0.02	0.04	0.01	0.01	0.02	0.01	0.04	0.04	0.45
1.00- 1.25	0.01	0.01	0.01	0.04	0.00	0.04	0.00	0.01	0.02	0.02	0.01	0.02	0.00	0.02	0.02	0.01	0.27
1.25- 1.50	0.02	0.06	0.07	0.02	0.10	0.17	0.09	0.10	0.07	0.09	0.06	0.01	0.02	0.04	0.02	0.06	1.02
1.50- 2.00	0.09	0.09	0.16	0.15	0.12	0.23	0.15	0.21	0.21	0.13	0.12	0.05	0.13	0.12	0.12	0.16	2.25
2.00- 3.00	0.42	0.39	0.45	0.31	0.38	0.55	0.44	0.53	0.29	0.42	0.47	0.26	0.54	0.55	0.53	0.36	6.88
3.00- 4.00	0.58	0.43	0.31	0.29	0.20	0.43	0.52	0.72	0.45	0.52	0.42	0.47	0.61	0.72	0.77	0.44	7.88
4.00- 5.00	0.53	0.49	0.29	0.21	0.02	0.12	0.22	0.38	0.70	0.56	0.34	0.50	0.82	0.80	0.80	0.34	7.14
5.00- 6.00	0.20	0.21	0.27	0.04	0.00	0.05	0.20	0.31	0.71	0.39	0.27	0.31	0.34	0.60	0.45	0.12	4.47
6.00- 8.00	0.11	0.16	0.17	0.00	0.01	0.00	0.11	0.21	0.72	0.66	0.21	0.36	0.58	0.44	0.39	0.10	4.23
8.00-10.00	0.00	0.04	0.00	0.00	0.00	0.00	0.01	0.04	0.34	0.23	0.06	0.17	0.15	0.07	0.05	0.01	1.18
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.04	0.04	0.02	0.05	0.01	0.00	0.00	0.22
VARIABLE																	0.00
TOTAL	1.99	1.91	1.77	1.06	0.86	1.66	1.80	2.54	3.62	3.10	2.01	2.18	3.29	3.40	3.20	1.67	36.11

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS E

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.21
CALM- 0.75	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.04	0.04	0.04	0.01	0.02	0.01	0.02	0.01	0.00	0.26
0.75- 1.00	0.02	0.04	0.05	0.04	0.04	0.04	0.11	0.06	0.13	0.09	0.10	0.13	0.06	0.02	0.01	0.04	0.98
1.00- 1.25	0.00	0.01	0.02	0.00	0.06	0.05	0.04	0.04	0.02	0.02	0.04	0.04	0.01	0.02	0.00	0.00	0.38
1.25- 1.50	0.02	0.02	0.12	0.18	0.16	0.23	0.15	0.15	0.17	0.17	0.13	0.11	0.06	0.05	0.06	0.05	1.85
1.50- 2.00	0.06	0.04	0.25	0.20	0.20	0.29	0.33	0.27	0.31	0.37	0.32	0.22	0.25	0.13	0.10	0.02	3.35
2.00- 3.00	0.23	0.12	0.36	0.36	0.39	0.31	0.45	0.69	0.93	0.74	0.43	0.34	0.56	0.50	0.37	0.26	7.04
3.00- 4.00	0.05	0.10	0.25	0.20	0.13	0.09	0.17	0.72	1.10	0.80	0.42	0.36	0.28	0.40	0.15	0.10	5.31
4.00- 5.00	0.05	0.02	0.05	0.00	0.00	0.05	0.07	0.25	0.58	0.60	0.28	0.09	0.11	0.09	0.02	0.04	2.29
5.00- 6.00	0.00	0.01	0.04	0.00	0.00	0.00	0.07	0.06	0.48	0.21	0.18	0.06	0.05	0.02	0.00	0.00	1.19
6.00- 8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.29	0.10	0.04	0.04	0.16	0.00	0.00	0.01	0.67
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.01	0.01	0.00	0.00	0.00	0.00	0.10
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE																	0.00
TOTAL	0.44	0.37	1.13	0.97	0.99	1.08	1.44	2.29	4.07	3.19	1.96	1.42	1.56	1.28	0.72	0.52	23.64

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS F

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.33
CALM- 0.75	0.02	0.00	0.04	0.00	0.05	0.01	0.00	0.01	0.00	0.04	0.02	0.02	0.04	0.02	0.00	0.00	0.28
0.75- 1.00	0.02	0.05	0.09	0.11	0.02	0.05	0.02	0.02	0.04	0.09	0.11	0.05	0.07	0.04	0.01	0.00	0.80
1.00- 1.25	0.04	0.05	0.06	0.01	0.04	0.04	0.02	0.02	0.02	0.06	0.01	0.05	0.05	0.00	0.01	0.01	0.50
1.25- 1.50	0.02	0.05	0.12	0.07	0.10	0.11	0.09	0.05	0.06	0.18	0.04	0.12	0.05	0.05	0.06	0.01	1.19
1.50- 2.00	0.09	0.07	0.32	0.20	0.09	0.09	0.04	0.18	0.11	0.12	0.09	0.17	0.16	0.11	0.15	0.06	2.04
2.00- 3.00	0.09	0.28	0.43	0.12	0.00	0.01	0.28	0.29	0.18	0.31	0.34	0.17	0.21	0.12	0.10	0.04	2.98
3.00- 4.00	0.00	0.05	0.05	0.00	0.00	0.00	0.01	0.05	0.06	0.13	0.09	0.10	0.05	0.13	0.09	0.00	0.81
4.00- 5.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.12
5.00- 6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.00- 8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE																	0.00
TOTAL	0.29	0.56	1.10	0.52	0.29	0.31	0.47	0.65	0.50	0.99	0.70	0.69	0.63	0.48	0.42	0.12	9.06

CALM= 0.50 M/S

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS G

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.18
CALM- 0.75	0.00	0.01	0.01	0.01	0.02	0.04	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.04	0.02	0.00	0.20
0.75- 1.00	0.02	0.04	0.05	0.09	0.06	0.04	0.01	0.02	0.00	0.04	0.01	0.04	0.04	0.05	0.10	0.01	0.61
1.00- 1.25	0.02	0.13	0.10	0.05	0.05	0.00	0.04	0.00	0.01	0.02	0.02	0.04	0.04	0.02	0.06	0.00	0.61
1.25- 1.50	0.02	0.06	0.15	0.06	0.01	0.05	0.02	0.02	0.06	0.04	0.02	0.04	0.11	0.09	0.06	0.02	0.85
1.50- 2.00	0.01	0.13	0.32	0.06	0.02	0.00	0.01	0.02	0.10	0.02	0.05	0.10	0.10	0.11	0.09	0.01	1.17
2.00- 3.00	0.00	0.06	0.11	0.01	0.00	0.00	0.01	0.02	0.01	0.02	0.02	0.02	0.02	0.09	0.15	0.02	0.59
3.00- 4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.00	0.06
4.00- 5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.00- 6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.00- 8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE																	0.00
TOTAL	0.09	0.44	0.74	0.28	0.17	0.12	0.12	0.11	0.18	0.15	0.13	0.23	0.32	0.40	0.52	0.07	4.27

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS ALL

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.80
CALM- 0.75	0.02	0.02	0.06	0.02	0.09	0.07	0.05	0.06	0.04	0.07	0.04	0.06	0.07	0.09	0.04	0.02	0.83
0.75- 1.00	0.11	0.15	0.20	0.23	0.15	0.18	0.22	0.16	0.23	0.26	0.25	0.25	0.20	0.13	0.16	0.09	2.96
1.00- 1.25	0.07	0.21	0.20	0.10	0.15	0.12	0.10	0.10	0.12	0.15	0.10	0.15	0.10	0.09	0.12	0.02	1.89
1.25- 1.50	0.10	0.20	0.50	0.36	0.37	0.60	0.37	0.40	0.43	0.49	0.31	0.32	0.26	0.26	0.25	0.16	5.36
1.50- 2.00	0.31	0.36	1.18	0.70	0.54	0.72	0.67	0.90	0.98	0.75	0.66	0.63	0.69	0.58	0.53	0.31	10.49
2.00- 3.00	0.93	1.02	1.73	1.25	0.98	1.21	1.58	1.90	2.09	2.06	1.63	1.07	1.74	1.62	1.62	0.96	23.40
3.00- 4.00	0.86	0.75	1.03	0.72	0.53	0.70	0.85	1.82	2.34	1.87	1.33	1.36	1.42	1.67	1.53	0.85	19.62
4.00- 5.00	0.90	0.88	0.55	0.34	0.11	0.20	0.48	0.87	1.82	1.77	1.13	0.86	1.36	1.26	1.25	0.48	14.26
5.00- 6.00	0.48	0.40	0.44	0.04	0.06	0.05	0.31	0.47	1.55	0.88	0.90	0.70	0.70	1.17	0.86	0.23	9.23
6.00- 8.00	0.23	0.23	0.31	0.00	0.01	0.00	0.12	0.31	1.42	1.15	0.67	0.98	1.20	1.09	0.87	0.25	8.86
8.00-10.00	0.00	0.05	0.01	0.00	0.00	0.00	0.01	0.05	0.42	0.32	0.13	0.28	0.27	0.27	0.16	0.01	1.99
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.05	0.04	0.09	0.06	0.02	0.00	0.00	0.32
VARIABLE																	0.00
TOTAL	4.01	4.27	6.21	3.77	2.98	3.87	4.76	7.03	11.50	9.82	7.18	6.74	8.07	8.25	7.39	3.37	100.00

CALM= 0.50 M/S

PERCENT DATA RECOVERY = 93.0

OVERALL STABILITY CLASS FREQUENCIES IN PERCENT

STABILITY:	A	B	C	D	E	F	G	ALL
FREQUENCY:	15.7	7.6	3.5	36.1	23.6	9.1	4.3	100.0

OVERALL WIND SPEED FREQUENCIES IN PERCENT

WIND SPEED (M/S):	CALM	CALM- 0.75	0.75- 1.00	1.00- 1.25	1.25- 1.50	1.50- 2.00	2.00- 3.00	3.00- 4.00	4.00- 5.00	5.00- 6.00	6.00- 8.00	8.00-10.00	>10.00	VARIABLE
FREQUENCY:	0.8	0.8	3.0	1.9	5.4	10.5	23.4	19.6	14.3	9.2	8.9	2.0	0.3	0.0
CUMULATIVE FREQ:	0.8	1.6	4.6	6.5	11.8	22.3	45.7	65.3	79.6	88.8	97.7	99.7	100.0	

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

DISTRIBUTION OF VARIABLE WINDS

U (M/S)	A	B	C	D	E	F	G	TOTAL
CALM	-	-	-	-	-	-	-	-
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.75- 1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.00- 1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.25- 1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.50- 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.00- 3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.00- 4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.00- 5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.00- 6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.00- 8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Clinton 2001 Met Data
Height of winds 10.0;Stability from Delta T between 60.0 and 10.0 meters

Spd Max Vals:	0.50	0.75	1.00	1.25	1.50	2.00	3.00	4.00	5.00	6.00	8.00	10.00	20.00
0 2	0	4	17	27	15								
0 0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0	0	0	0	0	0	1	1	1	1	0	0	0
0 0	0	0	0	0	0	0	0	1	0	0	0	1	0
0 0	0	0	0	1	1	5	2	1	2	2	1	2	1	1
2 1	5	3	8	7	8	12	12	7	1	4	2	1	3	0
7 3	9	24	12	23	14	24	45	32	21	10	12	10	27	10
9 2	23	11	11	9	5	16	42	24	23	15	21	15	22	8
18 10	14	6	7	1	13	12	26	25	17	12	25	17	20	3
14 4	10	0	3	0	2	2	18	20	25	22	21	27	23	6
4 1	7	0	0	0	0	3	21	17	25	22	26	28	23	10
0 0	0	0	0	0	0	1	3	0	4	4	3	10	4	0
0 0	0	0	0	0	0	0	0	0	0	3	1	0	0	0
0 0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
0 0	0	0	0	0	0	1	2	0	0	0	0	0	0	0
0 0	0	0	0	0	0	2	2	0	1	0	0	0	1	0
0 0	1	1	0	1	1	0	1	0	2	1	0	1	2	0
1 1	5	4	1	2	4	4	8	0	6	2	2	5	2	1
6 6	12	10	3	2	14	5	8	12	7	12	16	13	9	8
10 10	8	7	4	3	3	9	11	8	5	17	15	10	13	8
4 10	2	4	0	0	1	5	11	16	17	6	5	9	13	5
7 9	0	0	1	0	1	5	9	1	7	4	2	9	4	2
5 3	2	0	0	0	0	1	9	11	6	11	5	10	12	1
0 1	1	0	0	0	0	0	2	0	0	3	6	3	3	0
0 0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
0 0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
0 0	2	0	0	1	0	2	2	0	0	0	0	0	0	0
2 0	1	1	0	0	0	1	1	1	0	1	0	2	1	3
3 4	10	3	2	3	4	1	1	3	2	0	5	6	3	5
0 2	4	1	1	3	3	1	6	2	5	4	3	7	5	9
3 9	1	1	0	1	1	2	5	3	7	4	5	5	2	0
2 2	1	0	1	0	0	1	2	2	4	1	2	8	6	1
1 2	2	0	0	0	0	2	3	4	4	15	7	15	4	0
0 0	0	0	0	0	0	0	0	2	1	1	1	3	2	0
0 0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
0 1	1	0	0	0	1	0	0	0	0	0	1	0	0	2
3 2	1	0	2	5	5	3	2	3	1	1	2	1	3	3
1 1	1	3	0	3	0	1	2	2	1	2	0	2	2	1
2 5	6	2	8	14	7	8	6	7	5	1	2	3	2	5
7 7	13	12	10	19	12	17	17	11	10	4	11	10	10	13
34 32	37	25	31	45	36	43	24	34	38	21	44	45	43	29
47 35	25	24	16	35	42	59	37	42	34	38	50	59	63	36
43 40	24	17	2	10	18	31	57	46	28	41	67	65	65	28
16 17	22	3	0	4	16	25	58	32	22	25	28	49	37	10
9 13	14	0	1	0	9	17	59	54	17	29	47	36	32	8
0 3	0	0	0	0	1	3	28	19	5	14	12	6	4	1
0 0	0	0	0	0	0	0	5	3	3	2	4	1	0	0
0 0	0	0	1	2	2	3	3	3	1	2	1	2	1	0
2 3	4	3	3	3	9	5	11	7	8	11	5	2	1	3
0 1	2	0	5	4	3	3	2	2	3	3	1	2	0	0
2 2	10	15	13	19	12	12	14	14	11	9	5	4	5	4
5 3	20	16	16	24	27	22	25	30	26	18	20	11	8	2

PROGRAM: JFREQ VERSION: 5.0 DATED: MAY 1997 TIME = 14:57:53. 1 DATE = 6- 4-2004
TITLE:Clinton 2001 Met Data (Upper Level)

WIND DATA FROM LEVEL: UPPER
DELTA-T INTERVAL: UPPER MINUS LOWER
Create Hourly JFD for PAVAN: NO
HOURLY DATA CODED: 01-24
WRITE STABILITY CLASS BY HOUR OF DAY: NO
CALM WINDS CODED: 0.50 M/S
VARIABLE WIND DIRECTION CODED: 777.0
JFD FOR DATA PERIOD: BEGINNING - 2001 1 1
ENDING - 2001 12 31

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS A

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
CALM- 0.75	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
0.75- 1.00	0	0	0	0	0	1	2	0	1	1	0	0	0	0	0	0	5
1.00- 1.25	0	0	0	0	1	2	0	1	0	0	1	0	0	0	0	0	5
1.25- 1.50	0	0	1	0	0	3	3	6	3	5	0	1	0	0	0	2	24
1.50- 2.00	1	1	0	2	5	14	10	1	6	5	4	1	2	1	3	1	57
2.00- 3.00	3	2	7	5	7	10	18	31	15	9	9	9	4	5	12	7	153
3.00- 4.00	2	7	6	7	10	8	12	29	13	30	14	13	7	9	14	8	189
4.00- 5.00	9	16	8	9	13	4	7	12	16	18	12	9	13	16	12	10	184
5.00- 6.00	11	11	10	7	8	1	9	11	15	27	22	16	20	12	7	10	197
6.00- 8.00	16	5	16	1	6	0	6	13	35	25	27	21	50	15	24	11	271
8.00-10.00	2	2	7	0	3	0	1	7	16	16	11	6	8	25	23	10	137
>10.00	0	2	4	0	1	0	2	8	7	1	5	11	7	8	5	2	63
VARIABLE																	0
TOTAL	44	46	59	31	54	43	70	120	127	137	105	87	111	91	100	61	1286

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS B

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
CALM- 0.75	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	3
0.75- 1.00	0	0	0	0	1	2	1	2	0	0	1	0	0	0	1	0	8
1.00- 1.25	0	0	0	0	1	0	0	2	0	0	1	1	0	0	0	0	5
1.25- 1.50	0	0	0	0	1	3	2	1	0	2	1	0	1	2	0	0	13
1.50- 2.00	3	3	1	1	1	1	1	4	1	5	2	2	4	2	2	0	33
2.00- 3.00	2	8	5	1	2	6	3	3	7	8	7	7	10	4	7	7	87
3.00- 4.00	13	8	5	2	1	4	9	7	3	2	12	14	11	9	9	10	119
4.00- 5.00	7	2	3	1	2	0	4	8	3	7	10	5	11	3	8	10	84
5.00- 6.00	5	1	1	1	0	0	2	6	5	11	10	6	8	3	4	5	68
6.00- 8.00	8	7	5	1	2	0	7	3	12	15	13	7	12	4	5	5	106
8.00-10.00	6	3	1	1	1	0	0	6	5	4	6	8	2	5	8	4	60
>10.00	1	4	0	0	0	0	0	2	6	3	1	5	5	3	4	2	36
VARIABLE																	0
TOTAL	45	36	21	8	12	16	29	46	42	57	64	56	64	35	48	43	622

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS C

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
CALM- 0.75	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
0.75- 1.00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	2
1.00- 1.25	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	3
1.25- 1.50	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	4
1.50- 2.00	1	0	0	0	0	1	1	1	1	0	0	0	0	1	1	2	9
2.00- 3.00	2	6	1	1	0	0	0	1	2	2	1	4	2	3	7	3	35
3.00- 4.00	5	2	3	1	1	0	4	0	2	0	2	3	2	1	3	5	34
4.00- 5.00	1	2	0	0	2	2	4	3	1	4	1	3	3	4	3	6	39
5.00- 6.00	7	0	0	1	1	0	0	2	2	1	7	2	3	1	3	1	31
6.00- 8.00	3	4	1	2	0	1	2	3	5	7	5	4	4	8	5	3	57
8.00-10.00	1	4	0	1	0	0	0	2	3	1	6	10	5	6	9	1	49
>10.00	0	1	1	0	0	0	1	1	0	5	0	5	4	4	3	0	25
VARIABLE																	0
TOTAL	20	20	6	6	6	4	15	14	16	20	22	31	23	29	35	22	289

CALM= 0.50 M/S

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS D

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	5
CALM- 0.75	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	4
0.75- 1.00	0	2	1	0	3	3	0	0	2	0	0	1	2	1	3	1	19
1.00- 1.25	1	2	1	0	0	0	1	1	3	1	0	0	2	0	0	1	13
1.25- 1.50	0	0	2	2	4	1	0	3	2	3	1	3	0	1	3	3	28
1.50- 2.00	9	5	3	2	1	5	3	5	4	2	4	4	3	12	7	6	75
2.00- 3.00	27	13	9	5	13	22	14	15	14	16	15	8	8	15	22	17	233
3.00- 4.00	30	17	5	6	16	19	24	20	16	23	13	12	16	21	24	23	285
4.00- 5.00	32	20	15	14	14	16	33	33	13	33	24	18	32	32	39	28	396
5.00- 6.00	35	23	25	10	13	14	25	19	27	20	43	39	34	32	38	29	426
6.00- 8.00	59	54	28	19	11	6	24	60	76	58	32	69	69	74	105	36	780
8.00-10.00	10	24	12	13	5	2	18	45	48	32	22	27	33	28	39	14	372
>10.00	3	5	22	5	1	0	12	31	80	55	11	29	33	5	14	1	307
VARIABLE																	0
TOTAL	207	165	123	76	81	88	154	232	286	244	166	210	232	221	294	159	2943

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS E

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	4
CALM- 0.75	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	3
0.75- 1.00	0	0	1	0	0	1	0	0	3	0	3	1	0	0	2	0	11
1.00- 1.25	1	0	1	1	1	0	1	0	2	0	0	1	1	0	0	1	10
1.25- 1.50	3	1	2	1	0	0	4	3	1	2	1	1	2	3	2	1	27
1.50- 2.00	2	2	0	1	4	9	5	8	2	7	1	4	2	1	1	1	50
2.00- 3.00	11	4	7	2	5	18	26	21	6	17	15	9	5	7	12	6	171
3.00- 4.00	10	9	8	13	5	19	33	32	16	15	16	15	12	11	10	5	229
4.00- 5.00	11	15	11	18	6	15	34	36	34	22	20	30	30	19	15	10	326
5.00- 6.00	8	8	15	9	5	8	23	49	27	36	28	28	20	22	19	12	317
6.00- 8.00	12	33	21	22	16	8	21	66	109	93	62	23	15	25	13	4	543
8.00-10.00	2	2	7	4	9	1	6	27	45	38	18	7	3	2	2	0	173
>10.00	0	0	0	1	0	0	3	3	40	5	1	2	7	1	0	0	63
VARIABLE																	0
TOTAL	60	74	73	72	51	79	156	245	286	235	165	122	98	91	76	40	1927

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS F

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	1
CALM- 0.75	0	0	0	0	2	0	0	0	1	1	0	1	0	0	0	0	5
0.75- 1.00	3	0	0	0	1	1	0	1	1	1	1	0	2	1	1	0	13
1.00- 1.25	1	1	0	0	0	0	0	2	0	1	1	1	0	0	1	1	9
1.25- 1.50	0	2	1	0	2	3	0	0	4	0	1	0	1	2	0	0	16
1.50- 2.00	0	1	1	1	2	1	3	5	2	1	4	0	0	0	0	0	21
2.00- 3.00	4	2	5	4	7	5	4	10	9	7	7	4	2	1	3	7	81
3.00- 4.00	10	6	3	6	7	7	6	10	8	5	15	9	4	10	2	7	115
4.00- 5.00	6	7	9	10	4	4	5	4	7	10	12	7	8	9	8	8	118
5.00- 6.00	3	8	15	10	3	2	5	5	15	14	15	12	7	9	6	6	135
6.00- 8.00	2	34	25	8	1	0	6	7	11	22	30	23	5	5	10	4	193
8.00-10.00	0	3	5	0	0	0	0	2	6	12	1	2	0	0	0	1	32
>10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VARIABLE																	0
TOTAL	29	64	64	39	29	23	29	46	64	74	87	59	29	37	31	34	739

CALM= 0.50 M/S

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS G

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	6
CALM- 0.75	0	0	1	1	0	0	1	1	0	1	0	1	0	0	1	0	7
0.75- 1.00	1	0	0	2	0	0	0	0	3	1	3	0	0	0	0	0	10
1.00- 1.25	1	0	0	0	1	0	0	0	1	1	0	1	0	0	0	1	6
1.25- 1.50	1	1	2	0	2	0	0	0	2	3	2	0	0	0	0	0	13
1.50- 2.00	1	1	0	1	6	3	1	1	3	3	2	1	0	0	0	0	23
2.00- 3.00	0	3	3	1	5	3	2	5	0	1	4	3	2	3	0	2	37
3.00- 4.00	0	6	2	3	2	1	2	6	6	2	9	6	8	5	5	3	66
4.00- 5.00	5	4	8	13	2	1	0	1	1	11	2	7	4	3	7	3	72
5.00- 6.00	1	3	9	3	3	2	0	0	3	6	5	7	1	4	5	1	53
6.00- 8.00	3	12	9	3	1	0	0	2	1	2	4	1	1	0	5	6	50
8.00-10.00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	1	1	6
>10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VARIABLE																	0
TOTAL	13	33	35	27	22	10	6	16	20	31	31	27	16	15	24	17	349

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS ALL

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	16
CALM- 0.75	1	0	1	1	2	0	2	4	3	3	1	4	1	0	1	0	24
0.75- 1.00	4	2	2	2	5	8	4	3	10	3	8	2	4	2	8	1	68
1.00- 1.25	4	3	2	1	6	2	3	6	6	3	3	4	3	0	1	4	51
1.25- 1.50	4	5	8	3	9	10	9	14	12	15	6	5	4	9	5	7	125
1.50- 2.00	17	13	5	8	19	34	24	25	19	23	17	12	11	17	14	10	268
2.00- 3.00	49	38	37	19	39	64	67	86	53	60	58	44	33	38	63	49	797
3.00- 4.00	70	55	32	38	42	58	90	104	64	77	81	72	60	66	67	61	1037
4.00- 5.00	71	66	54	65	43	42	87	97	75	105	81	79	101	86	92	75	1219
5.00- 6.00	70	54	75	41	33	27	64	92	94	115	130	110	93	83	82	64	1227
6.00- 8.00	103	149	105	56	37	15	66	154	249	222	173	148	156	131	167	69	2000
8.00-10.00	21	41	33	19	18	3	25	89	123	103	64	60	51	66	82	31	829
>10.00	4	12	27	6	2	0	18	45	133	69	18	52	56	21	26	5	494
VARIABLE																	0
TOTAL	418	438	381	259	255	263	459	719	841	798	640	592	573	519	608	376	8155

CALM= 0.50 M/S

TOTAL VALID HOURS = 8155 TOTAL POSSIBLE HOURS = 8760

OVERALL STABILITY CLASS FREQUENCIES IN HOURS

STABILITY:	A	B	C	D	E	F	G	ALL
FREQUENCY:	1286	622	289	2943	1927	739	349	8155

OVERALL WIND SPEED FREQUENCIES IN HOURS

WIND SPEED (M/S):	CALM	CALM- 0.75	0.75- 1.00	1.00- 1.25	1.25- 1.50	1.50- 2.00	2.00- 3.00	3.00- 4.00	4.00- 5.00	5.00- 6.00	6.00- 8.00	8.00-10.00	>10.00	VARIABLE
FREQUENCY:	16	24	68	51	125	268	797	1037	1219	1227	2000	829	494	0
CUMULATIVE FREQ:	16	40	108	159	284	552	1349	2386	3605	4832	6832	7661	8155	

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

DISTRIBUTION OF VARIABLE WINDS

U (M/S)	A	B	C	D	E	F	G	TOTAL
CALM	0	0	0	0	0	0	0	0
CALM- 0.75	0	0	0	0	0	0	0	0
0.75- 1.00	0	0	0	0	0	0	0	0
1.00- 1.25	0	0	0	0	0	0	0	0
1.25- 1.50	0	0	0	0	0	0	0	0
1.50- 2.00	0	0	0	0	0	0	0	0
2.00- 3.00	0	0	0	0	0	0	0	0
3.00- 4.00	0	0	0	0	0	0	0	0
4.00- 5.00	0	0	0	0	0	0	0	0
5.00- 6.00	0	0	0	0	0	0	0	0
6.00- 8.00	0	0	0	0	0	0	0	0
8.00-10.00	0	0	0	0	0	0	0	0
>10.00	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS A

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.00
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
0.75- 1.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1.00- 1.25	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.06
1.25- 1.50	0.00	0.00	0.01	0.00	0.00	0.04	0.04	0.07	0.04	0.06	0.00	0.01	0.00	0.00	0.00	0.02	0.29
1.50- 2.00	0.01	0.01	0.00	0.02	0.06	0.17	0.12	0.01	0.07	0.06	0.05	0.01	0.02	0.01	0.04	0.01	0.70
2.00- 3.00	0.04	0.02	0.09	0.06	0.09	0.12	0.22	0.38	0.18	0.11	0.11	0.11	0.05	0.06	0.15	0.09	1.88
3.00- 4.00	0.02	0.09	0.07	0.09	0.12	0.10	0.15	0.36	0.16	0.37	0.17	0.16	0.09	0.11	0.17	0.10	2.32
4.00- 5.00	0.11	0.20	0.10	0.11	0.16	0.05	0.09	0.15	0.20	0.22	0.15	0.11	0.16	0.20	0.15	0.12	2.26
5.00- 6.00	0.13	0.13	0.12	0.09	0.10	0.01	0.11	0.13	0.18	0.33	0.27	0.20	0.25	0.15	0.09	0.12	2.42
6.00- 8.00	0.20	0.06	0.20	0.01	0.07	0.00	0.07	0.16	0.43	0.31	0.33	0.26	0.61	0.18	0.29	0.13	3.32
8.00-10.00	0.02	0.02	0.09	0.00	0.04	0.00	0.01	0.09	0.20	0.20	0.13	0.07	0.10	0.31	0.28	0.12	1.68
>10.00	0.00	0.02	0.05	0.00	0.01	0.00	0.02	0.10	0.09	0.01	0.06	0.13	0.09	0.10	0.06	0.02	0.77
VARIABLE																	0.00
TOTAL	0.54	0.56	0.72	0.38	0.66	0.53	0.86	1.47	1.56	1.68	1.29	1.07	1.36	1.12	1.23	0.75	15.77

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS B

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.00
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.04
0.75- 1.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.10
1.00- 1.25	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.06
1.25- 1.50	0.00	0.00	0.00	0.00	0.01	0.04	0.02	0.01	0.00	0.02	0.01	0.00	0.01	0.02	0.00	0.00	0.16
1.50- 2.00	0.04	0.04	0.01	0.01	0.01	0.01	0.01	0.05	0.01	0.06	0.02	0.02	0.05	0.02	0.02	0.00	0.40
2.00- 3.00	0.02	0.10	0.06	0.01	0.02	0.07	0.04	0.04	0.09	0.10	0.09	0.09	0.12	0.05	0.09	0.09	1.07
3.00- 4.00	0.16	0.10	0.06	0.02	0.01	0.05	0.11	0.09	0.04	0.02	0.15	0.17	0.13	0.11	0.11	0.12	1.46
4.00- 5.00	0.09	0.02	0.04	0.01	0.02	0.00	0.05	0.10	0.04	0.09	0.12	0.06	0.13	0.04	0.10	0.12	1.03
5.00- 6.00	0.06	0.01	0.01	0.01	0.00	0.00	0.02	0.07	0.06	0.13	0.12	0.07	0.10	0.04	0.05	0.06	0.83
6.00- 8.00	0.10	0.09	0.06	0.01	0.02	0.00	0.09	0.04	0.15	0.18	0.16	0.09	0.15	0.05	0.06	0.06	1.30
8.00-10.00	0.07	0.04	0.01	0.01	0.01	0.00	0.00	0.07	0.06	0.05	0.07	0.10	0.02	0.06	0.10	0.05	0.74
>10.00	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.02	0.07	0.04	0.01	0.06	0.06	0.04	0.05	0.02	0.44
VARIABLE																	0.00
TOTAL	0.55	0.44	0.26	0.10	0.15	0.20	0.36	0.56	0.52	0.70	0.78	0.69	0.78	0.43	0.59	0.53	7.63

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS C

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.00
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
0.75- 1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02
1.00- 1.25	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1.25- 1.50	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.05
1.50- 2.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.11
2.00- 3.00	0.02	0.07	0.01	0.01	0.00	0.00	0.00	0.01	0.02	0.02	0.01	0.05	0.02	0.04	0.09	0.04	0.43
3.00- 4.00	0.06	0.02	0.04	0.01	0.01	0.00	0.05	0.00	0.02	0.00	0.02	0.04	0.02	0.01	0.04	0.06	0.42
4.00- 5.00	0.01	0.02	0.00	0.00	0.02	0.02	0.05	0.04	0.01	0.05	0.01	0.04	0.04	0.05	0.04	0.07	0.48
5.00- 6.00	0.09	0.00	0.00	0.01	0.01	0.00	0.00	0.02	0.02	0.01	0.09	0.02	0.04	0.01	0.04	0.01	0.38
6.00- 8.00	0.04	0.05	0.01	0.02	0.00	0.01	0.02	0.04	0.06	0.09	0.06	0.05	0.05	0.10	0.06	0.04	0.70
8.00-10.00	0.01	0.05	0.00	0.01	0.00	0.00	0.00	0.02	0.04	0.01	0.07	0.12	0.06	0.07	0.11	0.01	0.60
>10.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.06	0.00	0.06	0.05	0.05	0.04	0.00	0.31
VARIABLE																	0.00
TOTAL	0.25	0.25	0.07	0.07	0.07	0.05	0.18	0.17	0.20	0.25	0.27	0.38	0.28	0.36	0.43	0.27	3.54

CALM= 0.50 M/S

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS D

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.06
CALM- 0.75	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.05
0.75- 1.00	0.00	0.02	0.01	0.00	0.04	0.04	0.00	0.00	0.02	0.00	0.00	0.01	0.02	0.01	0.04	0.01	0.23
1.00- 1.25	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.01	0.04	0.01	0.00	0.00	0.02	0.00	0.00	0.01	0.16
1.25- 1.50	0.00	0.00	0.02	0.02	0.05	0.01	0.00	0.04	0.02	0.04	0.01	0.04	0.00	0.01	0.04	0.04	0.34
1.50- 2.00	0.11	0.06	0.04	0.02	0.01	0.06	0.04	0.06	0.05	0.02	0.05	0.05	0.04	0.15	0.09	0.07	0.92
2.00- 3.00	0.33	0.16	0.11	0.06	0.16	0.27	0.17	0.18	0.17	0.20	0.18	0.10	0.10	0.18	0.27	0.21	2.86
3.00- 4.00	0.37	0.21	0.06	0.07	0.20	0.23	0.29	0.25	0.20	0.28	0.16	0.15	0.20	0.26	0.29	0.28	3.49
4.00- 5.00	0.39	0.25	0.18	0.17	0.17	0.20	0.40	0.40	0.16	0.40	0.29	0.22	0.39	0.39	0.48	0.34	4.86
5.00- 6.00	0.43	0.28	0.31	0.12	0.16	0.17	0.31	0.23	0.33	0.25	0.53	0.48	0.42	0.39	0.47	0.36	5.22
6.00- 8.00	0.72	0.66	0.34	0.23	0.13	0.07	0.29	0.74	0.93	0.71	0.39	0.85	0.85	0.91	1.29	0.44	9.56
8.00-10.00	0.12	0.29	0.15	0.16	0.06	0.02	0.22	0.55	0.59	0.39	0.27	0.33	0.40	0.34	0.48	0.17	4.56
>10.00	0.04	0.06	0.27	0.06	0.01	0.00	0.15	0.38	0.98	0.67	0.13	0.36	0.40	0.06	0.17	0.01	3.76
VARIABLE																	0.00
TOTAL	2.54	2.02	1.51	0.93	0.99	1.08	1.89	2.84	3.51	2.99	2.04	2.58	2.84	2.71	3.61	1.95	36.09

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS E

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.05
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.04
0.75- 1.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.04	0.00	0.04	0.01	0.00	0.00	0.02	0.00	0.13
1.00- 1.25	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.02	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.12
1.25- 1.50	0.04	0.01	0.02	0.01	0.00	0.00	0.05	0.04	0.01	0.02	0.01	0.01	0.02	0.04	0.02	0.01	0.33
1.50- 2.00	0.02	0.02	0.00	0.01	0.05	0.11	0.06	0.10	0.02	0.09	0.01	0.05	0.02	0.01	0.01	0.01	0.61
2.00- 3.00	0.13	0.05	0.09	0.02	0.06	0.22	0.32	0.26	0.07	0.21	0.18	0.11	0.06	0.09	0.15	0.07	2.10
3.00- 4.00	0.12	0.11	0.10	0.16	0.06	0.23	0.40	0.39	0.20	0.18	0.20	0.18	0.15	0.13	0.12	0.06	2.81
4.00- 5.00	0.13	0.18	0.13	0.22	0.07	0.18	0.42	0.44	0.42	0.27	0.25	0.37	0.37	0.23	0.18	0.12	4.00
5.00- 6.00	0.10	0.10	0.18	0.11	0.06	0.10	0.28	0.60	0.33	0.44	0.34	0.34	0.25	0.27	0.23	0.15	3.89
6.00- 8.00	0.15	0.40	0.26	0.27	0.20	0.10	0.26	0.81	1.34	1.14	0.76	0.28	0.18	0.31	0.16	0.05	6.66
8.00-10.00	0.02	0.02	0.09	0.05	0.11	0.01	0.07	0.33	0.55	0.47	0.22	0.09	0.04	0.02	0.02	0.00	2.12
>10.00	0.00	0.00	0.00	0.01	0.00	0.00	0.04	0.04	0.49	0.06	0.01	0.02	0.09	0.01	0.00	0.00	0.77
VARIABLE																	0.00
TOTAL	0.74	0.91	0.90	0.88	0.63	0.97	1.91	3.00	3.51	2.88	2.02	1.50	1.20	1.12	0.93	0.49	23.63

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS F

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.01
CALM- 0.75	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.06
0.75- 1.00	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.02	0.01	0.01	0.00	0.16
1.00- 1.25	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.11
1.25- 1.50	0.00	0.02	0.01	0.00	0.02	0.04	0.00	0.00	0.05	0.00	0.01	0.00	0.01	0.02	0.00	0.00	0.20
1.50- 2.00	0.00	0.01	0.01	0.01	0.02	0.01	0.04	0.06	0.02	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.26
2.00- 3.00	0.05	0.02	0.06	0.05	0.09	0.06	0.05	0.12	0.11	0.09	0.09	0.05	0.02	0.01	0.04	0.09	0.99
3.00- 4.00	0.12	0.07	0.04	0.07	0.09	0.09	0.07	0.12	0.10	0.06	0.18	0.11	0.05	0.12	0.02	0.09	1.41
4.00- 5.00	0.07	0.09	0.11	0.12	0.05	0.05	0.06	0.05	0.09	0.12	0.15	0.09	0.10	0.11	0.10	0.10	1.45
5.00- 6.00	0.04	0.10	0.18	0.12	0.04	0.02	0.06	0.06	0.18	0.17	0.18	0.15	0.09	0.11	0.07	0.07	1.66
6.00- 8.00	0.02	0.42	0.31	0.10	0.01	0.00	0.07	0.09	0.13	0.27	0.37	0.28	0.06	0.06	0.12	0.05	2.37
8.00-10.00	0.00	0.04	0.06	0.00	0.00	0.00	0.00	0.02	0.07	0.15	0.01	0.02	0.00	0.00	0.00	0.01	0.39
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE																	0.00
TOTAL	0.36	0.78	0.78	0.48	0.36	0.28	0.36	0.56	0.78	0.91	1.07	0.72	0.36	0.45	0.38	0.42	9.06

CALM= 0.50 M/S

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS G

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.07
CALM- 0.75	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.09
0.75- 1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.12
1.00- 1.25	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.07
1.25- 1.50	0.01	0.01	0.02	0.00	0.02	0.00	0.00	0.00	0.02	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.16
1.50- 2.00	0.01	0.01	0.00	0.01	0.07	0.04	0.01	0.01	0.04	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.28
2.00- 3.00	0.00	0.04	0.04	0.01	0.06	0.04	0.02	0.06	0.00	0.01	0.05	0.04	0.02	0.04	0.00	0.02	0.45
3.00- 4.00	0.00	0.07	0.02	0.04	0.02	0.01	0.02	0.07	0.07	0.02	0.11	0.07	0.10	0.06	0.06	0.04	0.81
4.00- 5.00	0.06	0.05	0.10	0.16	0.02	0.01	0.00	0.01	0.01	0.13	0.02	0.09	0.05	0.04	0.09	0.04	0.88
5.00- 6.00	0.01	0.04	0.11	0.04	0.04	0.02	0.00	0.00	0.04	0.07	0.06	0.09	0.01	0.05	0.06	0.01	0.65
6.00- 8.00	0.04	0.15	0.11	0.04	0.01	0.00	0.00	0.02	0.01	0.02	0.05	0.01	0.01	0.00	0.06	0.07	0.61
8.00-10.00	0.00	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.07
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE																	0.00
TOTAL	0.16	0.40	0.43	0.33	0.27	0.12	0.07	0.20	0.25	0.38	0.38	0.33	0.20	0.18	0.29	0.21	4.28

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS ALL

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.20
CALM- 0.75	0.01	0.00	0.01	0.01	0.02	0.00	0.02	0.05	0.04	0.04	0.01	0.05	0.01	0.00	0.01	0.00	0.29
0.75- 1.00	0.05	0.02	0.02	0.02	0.06	0.10	0.05	0.04	0.12	0.04	0.10	0.02	0.05	0.02	0.10	0.01	0.83
1.00- 1.25	0.05	0.04	0.02	0.01	0.07	0.02	0.04	0.07	0.07	0.04	0.04	0.05	0.04	0.00	0.01	0.05	0.63
1.25- 1.50	0.05	0.06	0.10	0.04	0.11	0.12	0.11	0.17	0.15	0.18	0.07	0.06	0.05	0.11	0.06	0.09	1.53
1.50- 2.00	0.21	0.16	0.06	0.10	0.23	0.42	0.29	0.31	0.23	0.28	0.21	0.15	0.13	0.21	0.17	0.12	3.29
2.00- 3.00	0.60	0.47	0.45	0.23	0.48	0.78	0.82	1.05	0.65	0.74	0.71	0.54	0.40	0.47	0.77	0.60	9.77
3.00- 4.00	0.86	0.67	0.39	0.47	0.52	0.71	1.10	1.28	0.78	0.94	0.99	0.88	0.74	0.81	0.82	0.75	12.72
4.00- 5.00	0.87	0.81	0.66	0.80	0.53	0.52	1.07	1.19	0.92	1.29	0.99	0.97	1.24	1.05	1.13	0.92	14.95
5.00- 6.00	0.86	0.66	0.92	0.50	0.40	0.33	0.78	1.13	1.15	1.41	1.59	1.35	1.14	1.02	1.01	0.78	15.05
6.00- 8.00	1.26	1.83	1.29	0.69	0.45	0.18	0.81	1.89	3.05	2.72	2.12	1.81	1.91	1.61	2.05	0.85	24.52
8.00-10.00	0.26	0.50	0.40	0.23	0.22	0.04	0.31	1.09	1.51	1.26	0.78	0.74	0.63	0.81	1.01	0.38	10.17
>10.00	0.05	0.15	0.33	0.07	0.02	0.00	0.22	0.55	1.63	0.85	0.22	0.64	0.69	0.26	0.32	0.06	6.06
VARIABLE																	0.00
TOTAL	5.13	5.37	4.67	3.18	3.13	3.23	5.63	8.82	10.31	9.79	7.85	7.26	7.03	6.36	7.46	4.61	100.00

CALM= 0.50 M/S

PERCENT DATA RECOVERY = 93.1

OVERALL STABILITY CLASS FREQUENCIES IN PERCENT

STABILITY:	A	B	C	D	E	F	G	ALL
FREQUENCY:	15.8	7.6	3.5	36.1	23.6	9.1	4.3	100.0

OVERALL WIND SPEED FREQUENCIES IN PERCENT

WIND SPEED (M/S):	CALM	CALM- 0.75	0.75- 1.00	1.00- 1.25	1.25- 1.50	1.50- 2.00	2.00- 3.00	3.00- 4.00	4.00- 5.00	5.00- 6.00	6.00- 8.00	8.00-10.00	>10.00	VARIABLE
FREQUENCY:	0.2	0.3	0.8	0.6	1.5	3.3	9.8	12.7	14.9	15.0	24.5	10.2	6.1	0.0
CUMULATIVE FREQ:	0.2	0.5	1.3	1.9	3.5	6.8	16.5	29.3	44.2	59.3	83.8	93.9	100.0	

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

DISTRIBUTION OF VARIABLE WINDS

U (M/S)	A	B	C	D	E	F	G	TOTAL
CALM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.75- 1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.00- 1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.25- 1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.50- 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.00- 3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.00- 4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.00- 5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.00- 6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.00- 8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2002

Cl_2002.dte

PROGRAM: DATEDATA VERSION: 4.0 DATED: May 1997 TIME = 13:29: 6.87 DATE = 6- 4-2004
TITLE: Clinton 2002 Met Data
HOURLY DATA CODED: 1-24

DATE OF FIRST DATA RECORD READ: 2002 1 1

NO ERRORS FOUND IN DATE SEQUENCE OF DATA

DATE OF LAST DATA RECORD READ: 2002 365 24 RECORD NO. 8760

PROGRAM: MISS VERSION: 4.0 DATED: MAY 1997 TIME = 13:29:10.37 DATE = 6- 4-2004
TITLE: Clinton 2002 Met Data
INPUT OPTIONS:
STARTING DATE: 2002 1 1
ENDING DATE: 2002 12 31

HOURLY SUMMARY OF MISSING DATA

	60.0 METERS				0.0 METERS				10.0 METERS				TEMPERATURE DIFFERENCE (DEGREES C/100 METERS)			
PERIOD OF OCCURRENCE (HOURS)	WIND DIR (DEG)	WIND SPEED (M/S)	TEMP (C)	DEW POINT (C)	WIND DIR (DEG)	WIND SPEED (M/S)	TEMP (C)	DEW POINT (C)	WIND DIR (DEG)	WIND SPEED (M/S)	TEMP (C)	DEW POINT (C)	60.0-10.0	60.0-0.0	0.0-10.0	PRECIP (MM)
1	7	6	6	0	0	0	0	0	6	5	7	0	6	0	0	0
2	2	1	1	0	0	0	0	0	1	2	1	0	2	0	0	0
3	1	2	1	0	0	0	0	0	1	1	1	0	2	0	0	0
4	2	2	2	0	0	0	0	0	3	2	2	0	2	0	0	0
5	1	1	1	0	0	0	0	0	1	1	1	0	1	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-11	3	3	3	0	0	0	0	0	4	3	3	0	3	0	0	0
12-23	7	5	6	0	0	0	0	0	5	5	6	0	5	0	0	0
24-47	4	3	2	0	0	0	0	0	3	3	2	0	2	0	0	0
48-71	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72-95	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96-119	1	1	1	0	0	0	0	0	1	1	1	0	1	0	0	0
>120	1	1	1	0	0	0	0	0	1	1	1	0	1	0	0	0
LONGEST CASE	180	180	182	0	0	0	0	0	180	180	182	0	182	0	0	0
TOTAL HOURS MISSING	647	650	496	0	0	0	0	0	534	502	499	0	482	0	0	0
TOTAL HOURS	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760	8760
PERCENT DATA RECOVERY	92.6	92.6	94.3	100.0	100.0	100.0	100.0	100.0	93.9	94.3	94.3	100.0	94.5	100.0	100.0	100.0

PROGRAM: QA VERSION: 4 DATED: MARCH 1999 TIME = 13:29:15.64 DATE = 6- 4-2004
TITLE: Clinton 2002 Met Data

CHECK FOLLOWING LEVEL(S) OF DATA:
LOWER
UPPER
CHECK FOLLOWING DELTA-T INTERVALS:
UPPER MINUS LOWER
CHECK WIND SPEED AND DIRECTION: YES
CHECK TEMPERATURE: NO
CHECK DEW POINT: NO
CHECK PRECIPITATION: NO
CHECK DATA: BEGINNING - 2002 1 1
ENDING - 2002 12 31

NUMBER OF OCCURRENCES OF WS AT 60.0 M LOWER THAN THE WS AT 10.0 M EQUALS 121
NUMBER OF OCCURRENCES OF WD AT 60.0 M EQUALS TO WD AT 10.0 M EQUALS 476
NUMBER OF OCCURRENCES OF WS AT 60.0 M EQUAL TO WS AT 10.0 M EQUALS 84
WD DIFFERENCE BETWEEN 60.0 M AND 10.0 M IS GREATER THAN OR EQUAL TO 22.5 DEGREES AND
WS AT EITHER LEVEL IS GREATER THAN OR EQUAL TO 2.5 M/SEC OCCURRENCES = 470
WS AT EITHER LEVEL IS GREATER THAN OR EQUAL TO 5.0 M/SEC OCCURRENCES = 159
WS AT EITHER LEVEL IS GREATER THAN OR EQUAL TO 7.5 M/SEC OCCURRENCES = 6

SUMMARY OF MAXIMUM AND MINIMUM VALUES

	60.0 M			0.0 M			10.0 M		
	HRS	MIN	MAX	HRS	MIN	MAX	HRS	MIN	MAX
WIND DIRECTION (DEG)	8113	0.0	359.0	8760	0.0	0.0	8226	0.0	359.0
WIND SPEED (M/S)	8110	0.2	19.2	8760	0.0	0.0	8258	0.0	15.6
TEMPERATURE (DEG C)	8264	-18.2	32.7	8760	0.0	0.0	8261	-17.6	33.7
MOISTURE (DEG C OR %)	8760	0.0	0.0	8760	0.0	0.0	8760	0.0	0.0

	60.0 - 10.0 M			60.0 - 0.0 M			0.0 - 10.0 M		
DELTA T (DEG C/100M)	8278	-3.2	12.1	8760	0.0	0.0	8760	0.0	0.0

***** LAST DATA RECORD HAS BEEN READ *****
***** EXECUTION SUCCESSFULLY TERMINATED *****

YR	DY	HR	Observation					
2			HEIGHT =	10.0 M	WIND FROM SECTOR	E FOR PREVIOUS	8 HOUR PERIOD Count
1			HEIGHT =	10.0 M	WIND FROM SECTOR	E FOR PREVIOUS	9 HOUR PERIOD Count
1			HEIGHT =	10.0 M	WIND FROM SECTOR	E FOR PREVIOUS	15 HOUR PERIOD Count
3			HEIGHT =	10.0 M	WIND FROM SECTOR	N FOR PREVIOUS	8 HOUR PERIOD Count
1			HEIGHT =	10.0 M	WIND FROM SECTOR	N FOR PREVIOUS	9 HOUR PERIOD Count
2			HEIGHT =	10.0 M	WIND FROM SECTOR	N FOR PREVIOUS	10 HOUR PERIOD Count
1			HEIGHT =	10.0 M	WIND FROM SECTOR	N FOR PREVIOUS	12 HOUR PERIOD Count
2			HEIGHT =	10.0 M	WIND FROM SECTOR	N FOR PREVIOUS	14 HOUR PERIOD Count
3			HEIGHT =	10.0 M	WIND FROM SECTOR	S FOR PREVIOUS	8 HOUR PERIOD Count
3			HEIGHT =	10.0 M	WIND FROM SECTOR	S FOR PREVIOUS	9 HOUR PERIOD Count
2			HEIGHT =	10.0 M	WIND FROM SECTOR	S FOR PREVIOUS	10 HOUR PERIOD Count
1			HEIGHT =	10.0 M	WIND FROM SECTOR	S FOR PREVIOUS	12 HOUR PERIOD Count
2			HEIGHT =	10.0 M	WIND FROM SECTOR	S FOR PREVIOUS	13 HOUR PERIOD Count
1			HEIGHT =	10.0 M	WIND FROM SECTOR	S FOR PREVIOUS	16 HOUR PERIOD Count
4			HEIGHT =	10.0 M	WIND FROM SECTOR	W FOR PREVIOUS	8 HOUR PERIOD Count
3			HEIGHT =	10.0 M	WIND FROM SECTOR	W FOR PREVIOUS	10 HOUR PERIOD Count
2			HEIGHT =	10.0 M	WIND FROM SECTOR	W FOR PREVIOUS	11 HOUR PERIOD Count
1			HEIGHT =	10.0 M	WIND FROM SECTOR	W FOR PREVIOUS	13 HOUR PERIOD Count
1			HEIGHT =	10.0 M	WIND FROM SECTOR	W FOR PREVIOUS	15 HOUR PERIOD Count
1			HEIGHT =	10.0 M	WIND FROM SECTOR	W FOR PREVIOUS	21 HOUR PERIOD Count
1			HEIGHT =	10.0 M	WIND FROM SECTOR	W FOR PREVIOUS	31 HOUR PERIOD Count
5			HEIGHT =	10.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	8 HOUR PERIOD Count
2			HEIGHT =	10.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	9 HOUR PERIOD Count
5			HEIGHT =	10.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	10 HOUR PERIOD Count
4			HEIGHT =	10.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	11 HOUR PERIOD Count
1			HEIGHT =	10.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	12 HOUR PERIOD Count
3			HEIGHT =	10.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	15 HOUR PERIOD Count
1			HEIGHT =	10.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	8 HOUR PERIOD Count
1			HEIGHT =	10.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	10 HOUR PERIOD Count
2			HEIGHT =	10.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	11 HOUR PERIOD Count
3			HEIGHT =	10.0 M	WIND FROM SECTOR	SE FOR PREVIOUS	8 HOUR PERIOD Count
2			HEIGHT =	10.0 M	WIND FROM SECTOR	SE FOR PREVIOUS	9 HOUR PERIOD Count
1			HEIGHT =	10.0 M	WIND FROM SECTOR	SE FOR PREVIOUS	10 HOUR PERIOD Count
1			HEIGHT =	10.0 M	WIND FROM SECTOR	SE FOR PREVIOUS	17 HOUR PERIOD Count
3			HEIGHT =	10.0 M	WIND FROM SECTOR	SW FOR PREVIOUS	8 HOUR PERIOD Count
3			HEIGHT =	10.0 M	WIND FROM SECTOR	SW FOR PREVIOUS	10 HOUR PERIOD Count

1	HEIGHT =	10.0 M	WIND FROM SECTOR	SW FOR PREVIOUS	13 HOUR PERIOD Count
3	HEIGHT =	10.0 M	WIND FROM SECTOR	ENE FOR PREVIOUS	8 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR	ENE FOR PREVIOUS	9 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR	ENE FOR PREVIOUS	10 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR	ENE FOR PREVIOUS	12 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR	ESE FOR PREVIOUS	9 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR	NNE FOR PREVIOUS	8 HOUR PERIOD Count
3	HEIGHT =	10.0 M	WIND FROM SECTOR	NNE FOR PREVIOUS	9 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR	NNE FOR PREVIOUS	13 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR	NNW FOR PREVIOUS	8 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR	NNW FOR PREVIOUS	9 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR	NNW FOR PREVIOUS	10 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR	NNW FOR PREVIOUS	11 HOUR PERIOD Count
3	HEIGHT =	10.0 M	WIND FROM SECTOR	SSE FOR PREVIOUS	8 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR	SSE FOR PREVIOUS	9 HOUR PERIOD Count
3	HEIGHT =	10.0 M	WIND FROM SECTOR	SSE FOR PREVIOUS	10 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR	SSE FOR PREVIOUS	12 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR	SSE FOR PREVIOUS	13 HOUR PERIOD Count
12	HEIGHT =	10.0 M	WIND FROM SECTOR	SSW FOR PREVIOUS	8 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR	SSW FOR PREVIOUS	9 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR	SSW FOR PREVIOUS	10 HOUR PERIOD Count
4	HEIGHT =	10.0 M	WIND FROM SECTOR	SSW FOR PREVIOUS	11 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR	SSW FOR PREVIOUS	12 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR	SSW FOR PREVIOUS	13 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR	SSW FOR PREVIOUS	16 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR	SSW FOR PREVIOUS	21 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR	SSW FOR PREVIOUS	29 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR	WNW FOR PREVIOUS	8 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR	WNW FOR PREVIOUS	9 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR	WNW FOR PREVIOUS	11 HOUR PERIOD Count
3	HEIGHT =	10.0 M	WIND FROM SECTOR	WSW FOR PREVIOUS	8 HOUR PERIOD Count
4	HEIGHT =	10.0 M	WIND FROM SECTOR	WSW FOR PREVIOUS	9 HOUR PERIOD Count
2	HEIGHT =	10.0 M	WIND FROM SECTOR	WSW FOR PREVIOUS	11 HOUR PERIOD Count
1	HEIGHT =	10.0 M	WIND FROM SECTOR	WSW FOR PREVIOUS	13 HOUR PERIOD Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	E FOR PREVIOUS	8 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	E FOR PREVIOUS	9 HOUR PERIOD Count
4	HEIGHT =	60.0 M	WIND FROM SECTOR	E FOR PREVIOUS	10 HOUR PERIOD Count

1	HEIGHT =	60.0 M	WIND FROM SECTOR	E FOR PREVIOUS	12 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	E FOR PREVIOUS	16 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	N FOR PREVIOUS	8 HOUR PERIOD	Count
4	HEIGHT =	60.0 M	WIND FROM SECTOR	N FOR PREVIOUS	9 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	N FOR PREVIOUS	10 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	N FOR PREVIOUS	12 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	N FOR PREVIOUS	15 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	N FOR PREVIOUS	16 HOUR PERIOD	Count
8	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	8 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	9 HOUR PERIOD	Count
3	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	10 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	11 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	12 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	13 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	15 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	16 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	S FOR PREVIOUS	18 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	W FOR PREVIOUS	8 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	W FOR PREVIOUS	9 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	W FOR PREVIOUS	12 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	W FOR PREVIOUS	13 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	W FOR PREVIOUS	14 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	W FOR PREVIOUS	16 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	W FOR PREVIOUS	17 HOUR PERIOD	Count
7	HEIGHT =	60.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	8 HOUR PERIOD	Count
7	HEIGHT =	60.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	9 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	10 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	11 HOUR PERIOD	Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	12 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	23 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	25 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NE FOR PREVIOUS	28 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	8 HOUR PERIOD	Count
3	HEIGHT =	60.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	9 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	10 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	12 HOUR PERIOD	Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NW FOR PREVIOUS	15 HOUR PERIOD	Count

1	HEIGHT =	60.0 M	WIND FROM SECTOR	SE	FOR PREVIOUS	9 HOUR PERIOD Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	SE	FOR PREVIOUS	10 HOUR PERIOD Count
3	HEIGHT =	60.0 M	WIND FROM SECTOR	SW	FOR PREVIOUS	8 HOUR PERIOD Count
5	HEIGHT =	60.0 M	WIND FROM SECTOR	SW	FOR PREVIOUS	9 HOUR PERIOD Count
3	HEIGHT =	60.0 M	WIND FROM SECTOR	SW	FOR PREVIOUS	10 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SW	FOR PREVIOUS	11 HOUR PERIOD Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	SW	FOR PREVIOUS	12 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SW	FOR PREVIOUS	15 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SW	FOR PREVIOUS	22 HOUR PERIOD Count
5	HEIGHT =	60.0 M	WIND FROM SECTOR	ENE	FOR PREVIOUS	8 HOUR PERIOD Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	ENE	FOR PREVIOUS	9 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	ENE	FOR PREVIOUS	10 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	ENE	FOR PREVIOUS	11 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	ENE	FOR PREVIOUS	14 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	ENE	FOR PREVIOUS	19 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	ESE	FOR PREVIOUS	9 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	ESE	FOR PREVIOUS	11 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NNE	FOR PREVIOUS	8 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NNE	FOR PREVIOUS	9 HOUR PERIOD Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	NNE	FOR PREVIOUS	10 HOUR PERIOD Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	NNW	FOR PREVIOUS	8 HOUR PERIOD Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	NNW	FOR PREVIOUS	9 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NNW	FOR PREVIOUS	10 HOUR PERIOD Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	NNW	FOR PREVIOUS	11 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	NNW	FOR PREVIOUS	13 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SSE	FOR PREVIOUS	8 HOUR PERIOD Count
3	HEIGHT =	60.0 M	WIND FROM SECTOR	SSE	FOR PREVIOUS	9 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SSE	FOR PREVIOUS	10 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SSE	FOR PREVIOUS	11 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SSE	FOR PREVIOUS	12 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SSE	FOR PREVIOUS	14 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SSE	FOR PREVIOUS	20 HOUR PERIOD Count
4	HEIGHT =	60.0 M	WIND FROM SECTOR	SSW	FOR PREVIOUS	8 HOUR PERIOD Count
5	HEIGHT =	60.0 M	WIND FROM SECTOR	SSW	FOR PREVIOUS	9 HOUR PERIOD Count
2	HEIGHT =	60.0 M	WIND FROM SECTOR	SSW	FOR PREVIOUS	10 HOUR PERIOD Count
7	HEIGHT =	60.0 M	WIND FROM SECTOR	SSW	FOR PREVIOUS	11 HOUR PERIOD Count
1	HEIGHT =	60.0 M	WIND FROM SECTOR	SSW	FOR PREVIOUS	13 HOUR PERIOD Count

1	HEIGHT = 60.0 M WIND FROM SECTOR SSW FOR PREVIOUS 15 HOUR PERIOD Count
4	HEIGHT = 60.0 M WIND FROM SECTOR SSW FOR PREVIOUS 16 HOUR PERIOD Count
1	HEIGHT = 60.0 M WIND FROM SECTOR SSW FOR PREVIOUS 17 HOUR PERIOD Count
1	HEIGHT = 60.0 M WIND FROM SECTOR SSW FOR PREVIOUS 23 HOUR PERIOD Count
1	HEIGHT = 60.0 M WIND FROM SECTOR SSW FOR PREVIOUS 28 HOUR PERIOD Count
1	HEIGHT = 60.0 M WIND FROM SECTOR WNW FOR PREVIOUS 8 HOUR PERIOD Count
1	HEIGHT = 60.0 M WIND FROM SECTOR WNW FOR PREVIOUS 9 HOUR PERIOD Count
1	HEIGHT = 60.0 M WIND FROM SECTOR WNW FOR PREVIOUS 10 HOUR PERIOD Count
2	HEIGHT = 60.0 M WIND FROM SECTOR WSW FOR PREVIOUS 8 HOUR PERIOD Count
3	HEIGHT = 60.0 M WIND FROM SECTOR WSW FOR PREVIOUS 9 HOUR PERIOD Count
2	HEIGHT = 60.0 M WIND FROM SECTOR WSW FOR PREVIOUS 10 HOUR PERIOD Count
1	HEIGHT = 60.0 M WIND FROM SECTOR WSW FOR PREVIOUS 11 HOUR PERIOD Count
1	HEIGHT = 60.0 M WIND FROM SECTOR WSW FOR PREVIOUS 12 HOUR PERIOD Count
3	STABILITY CLASS A DURING NIGHT BETWEEN 60.0 M AND 10.0 M Count
12	STABILITY CLASS B DURING NIGHT BETWEEN 60.0 M AND 10.0 M Count
12	STABILITY CLASS C DURING NIGHT BETWEEN 60.0 M AND 10.0 M Count
4	STABILITY CLASS D LASTED FOR PREVIOUS 13 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
11	STABILITY CLASS D LASTED FOR PREVIOUS 14 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
8	STABILITY CLASS D LASTED FOR PREVIOUS 15 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
2	STABILITY CLASS D LASTED FOR PREVIOUS 16 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
7	STABILITY CLASS D LASTED FOR PREVIOUS 17 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
5	STABILITY CLASS D LASTED FOR PREVIOUS 18 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS D LASTED FOR PREVIOUS 19 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
4	STABILITY CLASS D LASTED FOR PREVIOUS 20 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS D LASTED FOR PREVIOUS 21 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
2	STABILITY CLASS D LASTED FOR PREVIOUS 22 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS D LASTED FOR PREVIOUS 23 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS D LASTED FOR PREVIOUS 26 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS D LASTED FOR PREVIOUS 27 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS D LASTED FOR PREVIOUS 28 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
2	STABILITY CLASS D LASTED FOR PREVIOUS 30 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS D LASTED FOR PREVIOUS 32 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS D LASTED FOR PREVIOUS 40 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
10	STABILITY CLASS E LASTED FOR PREVIOUS 13 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS E LASTED FOR PREVIOUS 14 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
7	STABILITY CLASS E LASTED FOR PREVIOUS 15 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS E LASTED FOR PREVIOUS 16 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count

1	STABILITY CLASS E LASTED FOR PREVIOUS 18 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
98	STABILITY CLASS F DURING DAY BETWEEN 60.0 M AND 10.0 M Count
69	STABILITY CLASS G DURING DAY BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS G LASTED FOR PREVIOUS 13 HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS JUMPED FROM A TO E OVER ONE HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
7	STABILITY CLASS JUMPED FROM E TO A OVER ONE HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
1	STABILITY CLASS JUMPED FROM F TO A OVER ONE HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
5	STABILITY CLASS JUMPED FROM F TO B OVER ONE HOUR PERIOD BETWEEN 60.0 M AND 10.0 M Count
311	WIND SPEED GREATER THAN 7.5 M/SEC FOR STABILITY CLASS A BETWEEN 60.0 M AND 10.0 M Count
136	WIND SPEED GREATER THAN 7.5 M/SEC FOR STABILITY CLASS B BETWEEN 60.0 M AND 10.0 M Count
68	WIND SPEED GREATER THAN 7.5 M/SEC FOR STABILITY CLASS C BETWEEN 60.0 M AND 10.0 M Count
60	WIND SPEED GREATER THAN 7.5 M/SEC FOR STABILITY CLASS F BETWEEN 60.0 M AND 10.0 M Count
7	WIND SPEED GREATER THAN 7.5 M/SEC FOR STABILITY CLASS G BETWEEN 60.0 M AND 10.0 M Count
1179	Grand Count

PROGRAM: STABQ VERSION: 4.0 DATED: MAY 1997 TIME = 13:29:12.95 DATE = 6- 4-2004
TITLE: Clinton 2002 Met Data

COMPUTE STABILITY BASED ON: DELTA-T
START DATE: 2002 1 1
END DATE: 2002 12 31

STABILITY BASED ON DELTA-T BETWEEN 60.0- 10.0 METERS

NUMBER OF OCCURRENCES

PERIOD OF OCCURRENCE (HOURS)	STABILITY A	B	C	D	E	F	G
1	65	345	208	309	229	119	33
2	37	68	14	147	109	82	18
3	27	25	4	58	52	32	16
4	41	8	2	27	45	26	9
5	41	1	0	26	28	9	6
6	42	1	0	13	23	16	7
7-11	82	0	1	72	66	18	15
12-23	0	0	0	53	28	0	2
24-47	0	0	0	7	0	0	0
48-71	0	0	0	0	0	0	0
72-95	0	0	0	0	0	0	0
96-119	0	0	0	0	0	0	0
>120	0	0	0	0	0	0	0
LONGEST CASE	11	6	7	40	18	11	13
FREQUENCY OF CLASS (%)	17.98	7.24	3.18	33.28	24.46	9.34	4.53

PROGRAM: JFREQ VERSION: 5.0 DATED: MAY 1997 TIME = 13:29:59. 4 DATE = 6- 4-2004
TITLE:Clinton 2002 Met Data

WIND DATA FROM LEVEL: LOWER
DELTA-T INTERVAL: UPPER MINUS LOWER
Create Hourly JFD for PAVAN: YES
HOURLY DATA CODED: 01-24
WRITE STABILITY CLASS BY HOUR OF DAY: YES
CALM WINDS CODED: 0.50 M/S
NO WINDS CODED AS A VARIABLE DIRECTION
JFD FOR DATA PERIOD: BEGINNING - 2002 1 1
ENDING - 2002 12 31

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS A

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
CALM- 0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.75- 1.00	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	3
1.00- 1.25	1	1	0	1	1	2	5	1	1	0	0	2	0	0	0	0	15
1.25- 1.50	0	0	2	6	4	8	7	9	5	3	1	0	0	2	0	0	47
1.50- 2.00	4	2	7	8	15	7	17	18	15	8	7	2	5	6	1	1	123
2.00- 3.00	6	5	17	20	21	13	28	24	27	23	27	11	10	11	7	10	260
3.00- 4.00	12	10	33	11	11	11	21	10	34	24	40	18	12	18	21	24	310
4.00- 5.00	14	14	27	7	4	1	7	6	16	21	36	15	13	15	14	17	227
5.00- 6.00	8	11	7	5	2	1	8	13	23	27	25	17	19	14	8	15	203
6.00- 8.00	6	5	7	0	0	0	1	16	34	35	24	11	28	24	9	6	206
8.00-10.00	0	0	2	0	0	0	1	3	7	6	0	3	19	15	6	5	67
>10.00	0	0	0	0	0	0	0	0	1	0	0	0	5	0	2	0	8
VARIABLE																	0
TOTAL	51	48	102	58	58	45	95	100	164	147	160	79	111	105	68	78	1469

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS B

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
CALM- 0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.75- 1.00	1	0	1	1	2	0	0	1	1	1	1	0	0	0	0	0	9
1.00- 1.25	0	0	0	1	1	3	2	1	2	0	2	0	1	1	1	0	15
1.25- 1.50	2	0	2	0	2	1	3	1	3	3	4	1	2	4	1	1	30
1.50- 2.00	1	3	4	6	5	2	5	8	2	2	7	3	0	2	6	4	60
2.00- 3.00	9	7	15	2	4	4	9	5	6	2	17	11	5	4	5	6	111
3.00- 4.00	8	8	9	5	6	0	1	4	9	7	14	5	4	4	4	7	95
4.00- 5.00	12	4	4	4	2	1	0	2	10	7	10	13	5	7	6	4	91
5.00- 6.00	5	2	6	2	1	0	5	4	11	8	9	9	2	5	3	6	78
6.00- 8.00	1	4	10	0	0	0	4	3	8	9	3	5	8	10	2	1	68
8.00-10.00	0	3	4	0	0	0	0	2	4	1	1	7	6	3	3	1	35
>10.00	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	3
VARIABLE																	0
TOTAL	39	31	55	21	23	11	29	31	56	40	68	54	35	40	32	30	595

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS C

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
CALM- 0.75	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
0.75- 1.00	0	1	0	2	0	0	0	0	0	1	1	0	0	0	1	0	6
1.00- 1.25	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	3
1.25- 1.50	1	2	1	0	0	2	2	2	1	0	1	0	0	0	1	1	14
1.50- 2.00	2	0	0	1	1	0	1	3	0	1	0	0	1	1	2	0	13
2.00- 3.00	2	2	2	1	2	2	1	3	3	4	3	1	2	1	3	3	35
3.00- 4.00	3	4	2	1	3	0	1	2	6	3	4	6	3	3	8	3	52
4.00- 5.00	4	6	3	2	0	0	2	3	8	4	4	2	5	2	3	2	50
5.00- 6.00	6	0	2	0	1	0	0	2	3	1	1	0	1	7	2	3	29
6.00- 8.00	0	2	6	0	0	0	2	2	1	3	2	4	8	4	3	2	39
8.00-10.00	0	4	4	0	0	0	0	0	0	0	1	4	0	3	0	1	17
>10.00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
VARIABLE																	0
TOTAL	18	21	20	7	8	4	10	17	23	18	17	18	20	21	23	15	260

CALM= 0.50 M/S

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS D

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	8
CALM- 0.75	1	0	0	1	0	0	1	1	0	1	1	1	0	0	0	0	7
0.75- 1.00	3	1	2	1	2	1	0	0	1	1	2	0	1	2	3	1	21
1.00- 1.25	1	1	1	1	2	1	0	2	0	1	2	4	2	3	2	1	24
1.25- 1.50	2	4	4	2	7	3	2	3	3	5	6	4	1	1	3	2	52
1.50- 2.00	11	7	14	9	14	8	10	7	4	10	14	2	8	12	12	10	152
2.00- 3.00	39	48	52	49	29	10	32	23	20	31	40	21	26	25	33	32	510
3.00- 4.00	55	40	49	51	27	13	26	41	30	38	20	16	38	24	40	39	547
4.00- 5.00	52	23	31	15	12	6	25	44	48	66	39	17	39	23	43	38	521
5.00- 6.00	24	23	25	8	0	2	7	28	46	74	23	18	27	28	27	29	389
6.00- 8.00	26	30	24	1	0	0	4	16	29	57	18	34	60	36	29	21	385
8.00-10.00	2	4	5	0	0	0	0	3	19	8	1	8	23	11	7	3	94
>10.00	0	0	0	0	0	0	0	0	0	0	1	2	6	2	4	0	15
VARIABLE																	0
TOTAL	216	181	207	138	93	44	107	168	200	292	167	127	231	167	203	176	2725

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS E

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	13
CALM- 0.75	1	1	1	0	1	0	1	1	2	0	2	0	2	2	0	0	14
0.75- 1.00	1	3	9	2	10	5	3	2	5	7	3	2	1	2	2	0	57
1.00- 1.25	0	2	3	1	4	4	7	1	2	2	3	3	3	2	1	2	40
1.25- 1.50	4	6	7	5	14	13	9	9	6	11	10	8	5	3	2	1	113
1.50- 2.00	6	13	21	19	16	22	21	31	25	18	17	15	12	5	7	14	262
2.00- 3.00	19	26	50	26	8	28	35	91	66	63	48	37	13	22	29	14	575
3.00- 4.00	22	11	9	8	2	3	30	60	61	79	45	39	20	27	17	15	448
4.00- 5.00	8	12	2	0	0	0	13	24	43	73	26	22	25	6	3	4	261
5.00- 6.00	0	3	0	0	0	0	3	9	51	40	16	7	14	1	0	0	144
6.00- 8.00	0	0	0	0	0	0	1	5	28	19	10	9	3	2	0	0	77
8.00-10.00	0	0	0	0	0	0	0	2	11	1	1	0	0	0	0	0	15
>10.00	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3
VARIABLE																	0
TOTAL	61	77	102	61	55	75	123	238	300	313	181	142	98	72	61	50	2022

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS F

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	20
CALM- 0.75	2	1	3	1	0	1	1	3	2	1	1	4	2	3	0	0	25
0.75- 1.00	0	8	8	9	3	9	9	4	5	4	4	8	4	7	4	5	91
1.00- 1.25	2	3	9	9	11	5	3	2	5	5	1	3	4	0	0	1	63
1.25- 1.50	3	6	17	13	10	11	5	6	14	4	9	10	4	7	3	1	123
1.50- 2.00	7	17	36	11	8	7	15	8	13	8	12	6	3	4	4	4	163
2.00- 3.00	11	18	17	4	0	2	19	11	17	24	28	23	10	5	12	4	205
3.00- 4.00	0	1	3	0	0	0	6	7	5	12	0	16	6	2	5	0	63
4.00- 5.00	0	0	0	0	0	0	0	0	5	4	0	2	1	0	0	0	12
5.00- 6.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.00- 8.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.00-10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VARIABLE																	0
TOTAL	25	54	93	47	32	35	58	41	66	62	55	72	34	28	28	15	765

CALM= 0.50 M/S

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS G

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	27
CALM- 0.75	4	4	4	0	0	4	1	1	0	4	1	1	0	2	1	1	28
0.75- 1.00	4	9	15	5	7	3	2	0	1	0	2	3	3	2	0	3	59
1.00- 1.25	0	8	15	7	5	1	1	3	1	3	0	1	0	0	0	2	47
1.25- 1.50	1	13	27	5	2	3	3	5	0	2	3	2	1	4	0	0	71
1.50- 2.00	5	21	24	5	1	1	6	2	1	4	8	1	0	0	2	0	81
2.00- 3.00	1	14	13	1	0	0	4	1	0	6	4	3	0	0	2	0	49
3.00- 4.00	0	1	1	0	0	0	1	0	0	1	1	1	0	0	4	0	10
4.00- 5.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.00- 6.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.00- 8.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.00-10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VARIABLE																	0
TOTAL	15	70	99	23	15	12	18	12	3	20	19	12	4	8	9	6	372

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS ALL

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	68
CALM- 0.75	8	6	8	2	2	5	4	6	4	6	5	6	4	7	1	1	75
0.75- 1.00	9	22	35	20	24	20	14	7	14	14	13	13	9	13	10	9	246
1.00- 1.25	4	15	28	20	24	16	19	10	11	12	8	14	10	6	4	6	207
1.25- 1.50	13	31	60	31	39	41	31	35	32	28	34	25	13	21	10	6	450
1.50- 2.00	36	63	106	59	60	47	75	77	60	51	65	29	29	30	34	33	854
2.00- 3.00	87	120	166	103	64	59	128	158	139	153	167	107	66	68	91	69	1745
3.00- 4.00	100	75	106	76	49	27	86	124	145	164	124	101	83	78	99	88	1525
4.00- 5.00	90	59	67	28	18	8	47	79	130	175	115	71	88	53	69	65	1162
5.00- 6.00	43	39	40	15	4	3	23	56	134	150	74	51	63	55	40	53	843
6.00- 8.00	33	41	47	1	0	0	12	42	100	123	57	63	107	76	43	30	775
8.00-10.00	2	11	15	0	0	0	1	10	41	16	4	22	48	32	16	10	228
>10.00	0	0	0	0	0	0	0	3	2	0	1	2	13	2	7	0	30
VARIABLE																	0
TOTAL	425	482	678	355	284	226	440	607	812	892	667	504	533	441	424	370	8208

CALM= 0.50 M/S

TOTAL VALID HOURS = 8208 TOTAL POSSIBLE HOURS = 8760

OVERALL STABILITY CLASS FREQUENCIES IN HOURS

STABILITY:	A	B	C	D	E	F	G	ALL
FREQUENCY:	1469	595	260	2725	2022	765	372	8208

OVERALL WIND SPEED FREQUENCIES IN HOURS

WIND SPEED (M/S):	CALM	CALM- 0.75	0.75- 1.00	1.00- 1.25	1.25- 1.50	1.50- 2.00	2.00- 3.00	3.00- 4.00	4.00- 5.00	5.00- 6.00	6.00- 8.00	8.00-10.00	>10.00	VARIABLE
FREQUENCY:	68	75	246	207	450	854	1745	1525	1162	843	775	228	30	0
CUMULATIVE FREQ:	68	143	389	596	1046	1900	3645	5170	6332	7175	7950	8178	8208	

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

DISTRIBUTION OF VARIABLE WINDS

U (M/S)	A	B	C	D	E	F	G	TOTAL
CALM	0	0	0	0	0	0	0	0
CALM- 0.75	0	0	0	0	0	0	0	0
0.75- 1.00	0	0	0	0	0	0	0	0
1.00- 1.25	0	0	0	0	0	0	0	0
1.25- 1.50	0	0	0	0	0	0	0	0
1.50- 2.00	0	0	0	0	0	0	0	0
2.00- 3.00	0	0	0	0	0	0	0	0
3.00- 4.00	0	0	0	0	0	0	0	0
4.00- 5.00	0	0	0	0	0	0	0	0
5.00- 6.00	0	0	0	0	0	0	0	0
6.00- 8.00	0	0	0	0	0	0	0	0
8.00-10.00	0	0	0	0	0	0	0	0
>10.00	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS A

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.00
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.75- 1.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1.00- 1.25	0.01	0.01	0.00	0.01	0.01	0.02	0.06	0.01	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.18
1.25- 1.50	0.00	0.00	0.02	0.07	0.05	0.10	0.09	0.11	0.06	0.04	0.01	0.00	0.00	0.02	0.00	0.00	0.57
1.50- 2.00	0.05	0.02	0.09	0.10	0.18	0.09	0.21	0.22	0.18	0.10	0.09	0.02	0.06	0.07	0.01	0.01	1.50
2.00- 3.00	0.07	0.06	0.21	0.24	0.26	0.16	0.34	0.29	0.33	0.28	0.33	0.13	0.12	0.13	0.09	0.12	3.17
3.00- 4.00	0.15	0.12	0.40	0.13	0.13	0.13	0.26	0.12	0.41	0.29	0.49	0.22	0.15	0.22	0.26	0.29	3.78
4.00- 5.00	0.17	0.17	0.33	0.09	0.05	0.01	0.09	0.07	0.19	0.26	0.44	0.18	0.16	0.18	0.17	0.21	2.77
5.00- 6.00	0.10	0.13	0.09	0.06	0.02	0.01	0.10	0.16	0.28	0.33	0.30	0.21	0.23	0.17	0.10	0.18	2.47
6.00- 8.00	0.07	0.06	0.09	0.00	0.00	0.00	0.01	0.19	0.41	0.43	0.29	0.13	0.34	0.29	0.11	0.07	2.51
8.00-10.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.04	0.09	0.07	0.00	0.04	0.23	0.18	0.07	0.06	0.82
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.06	0.00	0.02	0.00	0.10
VARIABLE																	0.00
TOTAL	0.62	0.58	1.24	0.71	0.71	0.55	1.16	1.22	2.00	1.79	1.95	0.96	1.35	1.28	0.83	0.95	17.90

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS B

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.00
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.75- 1.00	0.01	0.00	0.01	0.01	0.02	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.11
1.00- 1.25	0.00	0.00	0.00	0.01	0.01	0.04	0.02	0.01	0.02	0.00	0.02	0.00	0.01	0.01	0.01	0.00	0.18
1.25- 1.50	0.02	0.00	0.02	0.00	0.02	0.01	0.04	0.01	0.04	0.04	0.05	0.01	0.02	0.05	0.01	0.01	0.37
1.50- 2.00	0.01	0.04	0.05	0.07	0.06	0.02	0.06	0.10	0.02	0.02	0.09	0.04	0.00	0.02	0.07	0.05	0.73
2.00- 3.00	0.11	0.09	0.18	0.02	0.05	0.05	0.11	0.06	0.07	0.02	0.21	0.13	0.06	0.05	0.06	0.07	1.35
3.00- 4.00	0.10	0.10	0.11	0.06	0.07	0.00	0.01	0.05	0.11	0.09	0.17	0.06	0.05	0.05	0.05	0.09	1.16
4.00- 5.00	0.15	0.05	0.05	0.05	0.02	0.01	0.00	0.02	0.12	0.09	0.12	0.16	0.06	0.09	0.07	0.05	1.11
5.00- 6.00	0.06	0.02	0.07	0.02	0.01	0.00	0.06	0.05	0.13	0.10	0.11	0.11	0.02	0.06	0.04	0.07	0.95
6.00- 8.00	0.01	0.05	0.12	0.00	0.00	0.00	0.05	0.04	0.10	0.11	0.04	0.06	0.10	0.12	0.02	0.01	0.83
8.00-10.00	0.00	0.04	0.05	0.00	0.00	0.00	0.00	0.02	0.05	0.01	0.01	0.09	0.07	0.04	0.04	0.01	0.43
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.04
VARIABLE																	0.00
TOTAL	0.48	0.38	0.67	0.26	0.28	0.13	0.35	0.38	0.68	0.49	0.83	0.66	0.43	0.49	0.39	0.37	7.25

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS C

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.00
CALM- 0.75	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
0.75- 1.00	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.07
1.00- 1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.04
1.25- 1.50	0.01	0.02	0.01	0.00	0.00	0.02	0.02	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.17
1.50- 2.00	0.02	0.00	0.00	0.01	0.01	0.00	0.01	0.04	0.00	0.01	0.00	0.00	0.01	0.01	0.02	0.00	0.16
2.00- 3.00	0.02	0.02	0.02	0.01	0.02	0.02	0.01	0.04	0.04	0.05	0.04	0.01	0.02	0.01	0.04	0.04	0.43
3.00- 4.00	0.04	0.05	0.02	0.01	0.04	0.00	0.01	0.02	0.07	0.04	0.05	0.07	0.04	0.04	0.10	0.04	0.63
4.00- 5.00	0.05	0.07	0.04	0.02	0.00	0.00	0.02	0.04	0.10	0.05	0.05	0.02	0.06	0.02	0.04	0.02	0.61
5.00- 6.00	0.07	0.00	0.02	0.00	0.01	0.00	0.00	0.02	0.04	0.01	0.01	0.00	0.01	0.09	0.02	0.04	0.35
6.00- 8.00	0.00	0.02	0.07	0.00	0.00	0.00	0.02	0.02	0.01	0.04	0.02	0.05	0.10	0.05	0.04	0.02	0.48
8.00-10.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.00	0.04	0.00	0.01	0.21
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
VARIABLE																	0.00
TOTAL	0.22	0.26	0.24	0.09	0.10	0.05	0.12	0.21	0.28	0.22	0.21	0.22	0.24	0.26	0.28	0.18	3.17

CALM= 0.50 M/S

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS D

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.10
CALM- 0.75	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.09
0.75- 1.00	0.04	0.01	0.02	0.01	0.02	0.01	0.00	0.00	0.01	0.01	0.02	0.00	0.01	0.02	0.04	0.01	0.26
1.00- 1.25	0.01	0.01	0.01	0.01	0.02	0.01	0.00	0.02	0.00	0.01	0.02	0.05	0.02	0.04	0.02	0.01	0.29
1.25- 1.50	0.02	0.05	0.05	0.02	0.09	0.04	0.02	0.04	0.04	0.06	0.07	0.05	0.01	0.01	0.04	0.02	0.63
1.50- 2.00	0.13	0.09	0.17	0.11	0.17	0.10	0.12	0.09	0.05	0.12	0.17	0.02	0.10	0.15	0.15	0.12	1.85
2.00- 3.00	0.48	0.58	0.63	0.60	0.35	0.12	0.39	0.28	0.24	0.38	0.49	0.26	0.32	0.30	0.40	0.39	6.21
3.00- 4.00	0.67	0.49	0.60	0.62	0.33	0.16	0.32	0.50	0.37	0.46	0.24	0.19	0.46	0.29	0.49	0.48	6.66
4.00- 5.00	0.63	0.28	0.38	0.18	0.15	0.07	0.30	0.54	0.58	0.80	0.48	0.21	0.48	0.28	0.52	0.46	6.35
5.00- 6.00	0.29	0.28	0.30	0.10	0.00	0.02	0.09	0.34	0.56	0.90	0.28	0.22	0.33	0.34	0.33	0.35	4.74
6.00- 8.00	0.32	0.37	0.29	0.01	0.00	0.00	0.05	0.19	0.35	0.69	0.22	0.41	0.73	0.44	0.35	0.26	4.69
8.00-10.00	0.02	0.05	0.06	0.00	0.00	0.00	0.00	0.04	0.23	0.10	0.01	0.10	0.28	0.13	0.09	0.04	1.15
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.07	0.02	0.05	0.00	0.18
VARIABLE																	0.00
TOTAL	2.63	2.21	2.52	1.68	1.13	0.54	1.30	2.05	2.44	3.56	2.03	1.55	2.81	2.03	2.47	2.14	33.20

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS E

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.16
CALM- 0.75	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.02	0.00	0.02	0.00	0.02	0.02	0.00	0.00	0.17
0.75- 1.00	0.01	0.04	0.11	0.02	0.12	0.06	0.04	0.02	0.06	0.09	0.04	0.02	0.01	0.02	0.02	0.00	0.69
1.00- 1.25	0.00	0.02	0.04	0.01	0.05	0.05	0.09	0.01	0.02	0.02	0.04	0.04	0.04	0.02	0.01	0.02	0.49
1.25- 1.50	0.05	0.07	0.09	0.06	0.17	0.16	0.11	0.11	0.07	0.13	0.12	0.10	0.06	0.04	0.02	0.01	1.38
1.50- 2.00	0.07	0.16	0.26	0.23	0.19	0.27	0.26	0.38	0.30	0.22	0.21	0.18	0.15	0.06	0.09	0.17	3.19
2.00- 3.00	0.23	0.32	0.61	0.32	0.10	0.34	0.43	1.11	0.80	0.77	0.58	0.45	0.16	0.27	0.35	0.17	7.01
3.00- 4.00	0.27	0.13	0.11	0.10	0.02	0.04	0.37	0.73	0.74	0.96	0.55	0.48	0.24	0.33	0.21	0.18	5.46
4.00- 5.00	0.10	0.15	0.02	0.00	0.00	0.00	0.16	0.29	0.52	0.89	0.32	0.27	0.30	0.07	0.04	0.05	3.18
5.00- 6.00	0.00	0.04	0.00	0.00	0.00	0.00	0.04	0.11	0.62	0.49	0.19	0.09	0.17	0.01	0.00	0.00	1.75
6.00- 8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.34	0.23	0.12	0.11	0.04	0.02	0.00	0.00	0.94
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.13	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.18
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
VARIABLE																	0.00
TOTAL	0.74	0.94	1.24	0.74	0.67	0.91	1.50	2.90	3.65	3.81	2.21	1.73	1.19	0.88	0.74	0.61	24.63

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS F

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.24
CALM- 0.75	0.02	0.01	0.04	0.01	0.00	0.01	0.01	0.04	0.02	0.01	0.01	0.05	0.02	0.04	0.00	0.00	0.30
0.75- 1.00	0.00	0.10	0.10	0.11	0.04	0.11	0.11	0.05	0.06	0.05	0.05	0.10	0.05	0.09	0.05	0.06	1.11
1.00- 1.25	0.02	0.04	0.11	0.11	0.13	0.06	0.04	0.02	0.06	0.06	0.01	0.04	0.05	0.00	0.00	0.01	0.77
1.25- 1.50	0.04	0.07	0.21	0.16	0.12	0.13	0.06	0.07	0.17	0.05	0.11	0.12	0.05	0.09	0.04	0.01	1.50
1.50- 2.00	0.09	0.21	0.44	0.13	0.10	0.09	0.18	0.10	0.16	0.10	0.15	0.07	0.04	0.05	0.05	0.05	1.99
2.00- 3.00	0.13	0.22	0.21	0.05	0.00	0.02	0.23	0.13	0.21	0.29	0.34	0.28	0.12	0.06	0.15	0.05	2.50
3.00- 4.00	0.00	0.01	0.04	0.00	0.00	0.00	0.07	0.09	0.06	0.15	0.00	0.19	0.07	0.02	0.06	0.00	0.77
4.00- 5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.05	0.00	0.02	0.01	0.00	0.00	0.00	0.15
5.00- 6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.00- 8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE																	0.00
TOTAL	0.30	0.66	1.13	0.57	0.39	0.43	0.71	0.50	0.80	0.76	0.67	0.88	0.41	0.34	0.34	0.18	9.32

CALM= 0.50 M/S

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS G

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.33
CALM- 0.75	0.05	0.05	0.05	0.00	0.00	0.05	0.01	0.01	0.00	0.05	0.01	0.01	0.00	0.02	0.01	0.01	0.34
0.75- 1.00	0.05	0.11	0.18	0.06	0.09	0.04	0.02	0.00	0.01	0.00	0.02	0.04	0.04	0.02	0.00	0.04	0.72
1.00- 1.25	0.00	0.10	0.18	0.09	0.06	0.01	0.01	0.04	0.01	0.04	0.00	0.01	0.00	0.00	0.00	0.02	0.57
1.25- 1.50	0.01	0.16	0.33	0.06	0.02	0.04	0.04	0.06	0.00	0.02	0.04	0.02	0.01	0.05	0.00	0.00	0.87
1.50- 2.00	0.06	0.26	0.29	0.06	0.01	0.01	0.07	0.02	0.01	0.05	0.10	0.01	0.00	0.00	0.02	0.00	0.99
2.00- 3.00	0.01	0.17	0.16	0.01	0.00	0.00	0.05	0.01	0.00	0.07	0.05	0.04	0.00	0.00	0.02	0.00	0.60
3.00- 4.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.05	0.00	0.12
4.00- 5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.00- 6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.00- 8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE																	0.00
TOTAL	0.18	0.85	1.21	0.28	0.18	0.15	0.22	0.15	0.04	0.24	0.23	0.15	0.05	0.10	0.11	0.07	4.53

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS ALL

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.83
CALM- 0.75	0.10	0.07	0.10	0.02	0.02	0.06	0.05	0.07	0.05	0.07	0.06	0.07	0.05	0.09	0.01	0.01	0.91
0.75- 1.00	0.11	0.27	0.43	0.24	0.29	0.24	0.17	0.09	0.17	0.17	0.16	0.16	0.11	0.16	0.12	0.11	3.00
1.00- 1.25	0.05	0.18	0.34	0.24	0.29	0.19	0.23	0.12	0.13	0.15	0.10	0.17	0.12	0.07	0.05	0.07	2.52
1.25- 1.50	0.16	0.38	0.73	0.38	0.48	0.50	0.38	0.43	0.39	0.34	0.41	0.30	0.16	0.26	0.12	0.07	5.48
1.50- 2.00	0.44	0.77	1.29	0.72	0.73	0.57	0.91	0.94	0.73	0.62	0.79	0.35	0.35	0.37	0.41	0.40	10.40
2.00- 3.00	1.06	1.46	2.02	1.25	0.78	0.72	1.56	1.92	1.69	1.86	2.03	1.30	0.80	0.83	1.11	0.84	21.26
3.00- 4.00	1.22	0.91	1.29	0.93	0.60	0.33	1.05	1.51	1.77	2.00	1.51	1.23	1.01	0.95	1.21	1.07	18.58
4.00- 5.00	1.10	0.72	0.82	0.34	0.22	0.10	0.57	0.96	1.58	2.13	1.40	0.87	1.07	0.65	0.84	0.79	14.16
5.00- 6.00	0.52	0.48	0.49	0.18	0.05	0.04	0.28	0.68	1.63	1.83	0.90	0.62	0.77	0.67	0.49	0.65	10.27
6.00- 8.00	0.40	0.50	0.57	0.01	0.00	0.00	0.15	0.51	1.22	1.50	0.69	0.77	1.30	0.93	0.52	0.37	9.44
8.00-10.00	0.02	0.13	0.18	0.00	0.00	0.00	0.01	0.12	0.50	0.19	0.05	0.27	0.58	0.39	0.19	0.12	2.78
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.02	0.00	0.01	0.02	0.16	0.02	0.09	0.00	0.37
VARIABLE																	0.00
TOTAL	5.18	5.87	8.26	4.33	3.46	2.75	5.36	7.40	9.89	10.87	8.13	6.14	6.49	5.37	5.17	4.51	100.00

CALM= 0.50 M/S

PERCENT DATA RECOVERY = 93.7

OVERALL STABILITY CLASS FREQUENCIES IN PERCENT

STABILITY:	A	B	C	D	E	F	G	ALL
FREQUENCY:	17.9	7.2	3.2	33.2	24.6	9.3	4.5	100.0

OVERALL WIND SPEED FREQUENCIES IN PERCENT

WIND SPEED (M/S):	CALM	CALM- 0.75	0.75- 1.00	1.00- 1.25	1.25- 1.50	1.50- 2.00	2.00- 3.00	3.00- 4.00	4.00- 5.00	5.00- 6.00	6.00- 8.00	8.00-10.00	>10.00	VARIABLE
FREQUENCY:	0.8	0.9	3.0	2.5	5.5	10.4	21.3	18.6	14.2	10.3	9.4	2.8	0.4	0.0
CUMULATIVE FREQ:	0.8	1.7	4.7	7.3	12.7	23.1	44.4	63.0	77.1	87.4	96.9	99.6	100.0	

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

DISTRIBUTION OF VARIABLE WINDS

U (M/S)	A	B	C	D	E	F	G	TOTAL
CALM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.75- 1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.00- 1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.25- 1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.50- 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.00- 3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.00- 4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.00- 5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.00- 6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.00- 8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Clinton 2002 Met Data
Height of winds 10.0;Stability from Delta T between 60.0 and 10.0 meters

Spd Max Vals:	0.50	0.75	1.00	1.25	1.50	2.00	3.00	4.00	5.00	6.00	8.00	10.00	20.00
0	0	8	13	20	27								
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	2	0	0	1	0	0	0	0	0	0
1	1	0	1	1	2	5	1	1	0	0	2	0	0	0	0
0	0	2	6	4	8	7	9	5	3	1	0	0	2	0	0
4	2	7	8	15	7	17	18	15	8	7	2	5	6	1	1
6	5	17	20	21	13	28	24	27	23	27	11	10	11	7	10
12	10	33	11	11	11	21	10	34	24	40	18	12	18	21	24
14	14	27	7	4	1	7	6	16	21	36	15	13	15	14	17
8	11	7	5	2	1	8	13	23	27	25	17	19	14	8	15
6	5	7	0	0	0	1	16	34	35	24	11	28	24	9	6
0	0	2	0	0	0	1	3	7	6	0	3	19	15	6	5
0	0	0	0	0	0	0	0	1	0	0	0	5	0	2	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	1	2	0	0	1	1	1	1	0	0	0	0	0
0	0	0	1	1	3	2	1	2	0	2	0	1	1	1	0
2	0	2	0	2	1	3	1	3	3	4	1	2	4	1	1
1	3	4	6	5	2	5	8	2	2	7	3	0	2	6	4
9	7	15	2	4	4	9	5	6	2	17	11	5	4	5	6
8	8	9	5	6	0	1	4	9	7	14	5	4	4	4	7
12	4	4	4	2	1	0	2	10	7	10	13	5	7	6	4
5	2	6	2	1	0	5	4	11	8	9	9	2	5	3	6
1	4	10	0	0	0	4	3	8	9	3	5	8	10	2	1
0	3	4	0	0	0	0	2	4	1	1	7	6	3	3	1
0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0
0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
0	1	0	2	0	0	0	0	0	1	1	0	0	0	1	0
0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0
1	2	1	0	0	2	2	2	1	0	1	0	0	0	1	1
2	0	0	1	1	0	1	3	0	1	0	0	1	1	2	0
2	2	2	1	2	2	1	3	3	4	3	1	2	1	3	3
3	4	2	1	3	0	1	2	6	3	4	6	3	3	8	3
4	6	3	2	0	0	2	3	8	4	4	2	5	2	3	2
6	0	2	0	1	0	0	2	3	1	1	0	1	7	2	3
0	2	6	0	0	0	2	2	1	3	2	4	8	4	3	2
0	4	4	0	0	0	0	0	0	0	1	4	0	3	0	1
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
1	0	0	1	0	0	1	1	0	1	1	1	0	0	0	0
3	1	2	1	2	1	0	0	1	1	2	0	1	2	3	1
1	1	1	1	2	1	0	2	0	1	2	4	2	3	2	1
2	4	4	2	7	3	2	3	3	5	6	4	1	1	3	2
11	7	14	9	14	8	10	7	4	10	14	2	8	12	12	10
39	48	52	49	29	10	32	23	20	31	40	21	26	25	33	32
55	40	49	51	27	13	26	41	30	38	20	16	38	24	40	39
52	23	31	15	12	6	25	44	48	66	39	17	39	23	43	38
24	23	25	8	0	2	7	28	46	74	23	18	27	28	27	29
26	30	24	1	0	0	4	16	29	57	18	34	60	36	29	21
2	4	5	0	0	0	0	3	19	8	1	8	23	11	7	3
0	0	0	0	0	0	0	0	0	0	1	2	6	2	4	0
1	1	1	0	1	0	1	1	2	0	2	0	2	2	0	0
1	3	9	2	10	5	3	2	5	7	3	2	1	2	2	0
0	2	3	1	4	4	7	1	2	2	3	3	3	2	1	2
4	6	7	5	14	13	9	9	6	11	10	8	5	3	2	1
6	13	21	19	16	22	21	31	25	18	17	15	12	5	7	14

19	26	50	26	8	28	35	91	66	63	48	37	13	22	29	14
22	11	9	8	2	3	30	60	61	79	45	39	20	27	17	15
8	12	2	0	0	0	13	24	43	73	26	22	25	6	3	4
0	3	0	0	0	0	3	9	51	40	16	7	14	1	0	0
0	0	0	0	0	0	1	5	28	19	10	9	3	2	0	0
0	0	0	0	0	0	0	2	11	1	1	0	0	0	0	0
0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
2	1	3	1	0	1	1	3	2	1	1	4	2	3	0	0
0	8	8	9	3	9	9	4	5	4	4	8	4	7	4	5
2	3	9	9	11	5	3	2	5	5	1	3	4	0	0	1
3	6	17	13	10	11	5	6	14	4	9	10	4	7	3	1
7	17	36	11	8	7	15	8	13	8	12	6	3	4	4	4
11	18	17	4	0	2	19	11	17	24	28	23	10	5	12	4
0	1	3	0	0	0	6	7	5	12	0	16	6	2	5	0
0	0	0	0	0	0	0	0	5	4	0	2	1	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	4	4	0	0	4	1	1	0	4	1	1	0	2	1	1
4	9	15	5	7	3	2	0	1	0	2	3	3	2	0	3
0	8	15	7	5	1	1	3	1	3	0	1	0	0	0	2
1	13	27	5	2	3	3	5	0	2	3	2	1	4	0	0
5	21	24	5	1	1	6	2	1	4	8	1	0	0	2	0
1	14	13	1	0	0	4	1	0	6	4	3	0	0	2	0
0	1	1	0	0	0	1	0	0	1	1	1	0	0	4	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PROGRAM: JFREQ VERSION: 5.0 DATED: MAY 1997 TIME = 14:58:35.42 DATE = 6- 4-2004
TITLE:Clinton 2002 Met Data (Upper Level)

WIND DATA FROM LEVEL: UPPER
DELTA-T INTERVAL: UPPER MINUS LOWER
Create Hourly JFD for PAVAN: NO
HOURLY DATA CODED: 01-24
WRITE STABILITY CLASS BY HOUR OF DAY: NO
CALM WINDS CODED: 0.50 M/S
VARIABLE WIND DIRECTION CODED: 777.0
JFD FOR DATA PERIOD: BEGINNING - 2002 1 1
ENDING - 2002 12 31

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS A

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
CALM- 0.75	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
0.75- 1.00	0	0	0	0	0	2	2	1	0	0	1	0	0	0	0	0	6
1.00- 1.25	0	0	0	0	0	4	3	3	0	0	0	0	0	1	1	0	12
1.25- 1.50	0	1	0	1	3	8	9	5	4	3	1	0	1	0	1	0	37
1.50- 2.00	2	1	6	5	5	11	16	10	5	3	4	4	2	5	1	1	81
2.00- 3.00	2	3	5	13	18	12	13	18	29	26	13	10	8	6	4	8	188
3.00- 4.00	8	5	10	7	6	6	17	9	23	21	28	11	8	9	13	17	198
4.00- 5.00	9	7	13	13	8	4	5	9	15	21	29	10	10	7	11	17	188
5.00- 6.00	15	8	16	8	9	3	7	3	20	15	31	12	11	7	16	16	197
6.00- 8.00	16	6	37	13	8	0	5	12	22	54	30	28	21	17	15	15	299
8.00-10.00	0	0	8	4	1	0	0	9	28	26	17	7	22	13	8	5	148
>10.00	0	0	4	0	2	1	0	10	15	11	0	7	20	17	5	8	100
VARIABLE																	0
TOTAL	52	31	99	65	60	51	78	89	161	180	154	89	103	82	75	87	1456

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS B

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0
CALM- 0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.75- 1.00	0	0	1	0	1	0	3	1	1	3	2	0	0	0	0	0	12
1.00- 1.25	0	0	0	0	1	2	1	0	0	0	0	0	0	1	1	0	6
1.25- 1.50	2	0	0	2	1	0	1	1	2	1	1	1	1	2	2	2	19
1.50- 2.00	2	3	2	2	0	4	0	5	3	5	7	1	2	0	2	2	40
2.00- 3.00	3	2	8	6	5	7	5	6	5	1	12	7	8	4	3	3	85
3.00- 4.00	9	9	8	2	2	0	3	5	2	6	8	8	3	0	5	7	77
4.00- 5.00	9	3	5	0	3	1	0	2	8	4	11	6	3	3	4	4	66
5.00- 6.00	6	4	5	3	2	0	0	3	5	3	10	6	1	5	5	5	63
6.00- 8.00	7	1	4	6	5	1	0	6	9	15	15	10	5	8	8	6	106
8.00-10.00	0	1	8	2	1	0	2	6	9	8	2	5	7	4	0	1	56
>10.00	0	2	14	1	1	0	2	3	7	3	1	6	8	2	4	2	56
VARIABLE																	0
TOTAL	38	25	55	24	22	15	17	38	51	49	69	50	38	29	34	32	586

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS C

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	1
CALM- 0.75	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
0.75- 1.00	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	3
1.00- 1.25	0	1	0	0	0	0	1	0	0	2	0	0	1	1	0	0	6
1.25- 1.50	0	1	0	0	0	1	1	0	1	0	1	0	0	0	0	0	5
1.50- 2.00	1	1	2	0	0	1	0	3	1	1	0	1	0	0	2	0	13
2.00- 3.00	3	0	0	0	2	1	1	3	1	0	0	1	2	0	2	0	16
3.00- 4.00	6	3	1	0	0	1	0	2	3	5	3	2	1	0	3	3	33
4.00- 5.00	1	3	0	0	1	0	0	0	3	3	2	5	4	3	4	3	32
5.00- 6.00	7	2	0	0	3	0	1	2	2	3	4	2	3	1	2	2	34
6.00- 8.00	3	2	5	3	1	0	1	2	8	3	6	0	3	6	6	5	54
8.00-10.00	0	1	4	0	1	0	0	3	2	3	1	3	10	0	2	1	31
>10.00	0	3	9	0	0	0	0	1	0	2	1	4	1	2	3	2	28
VARIABLE																	0
TOTAL	21	17	21	4	9	4	5	16	21	23	19	18	25	13	24	16	257

CALM= 0.50 M/S

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS D

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	3
CALM- 0.75	1	1	0	0	0	0	1	1	0	0	1	0	0	1	0	0	6
0.75- 1.00	0	0	2	1	1	0	0	1	1	1	1	0	2	2	0	1	13
1.00- 1.25	1	0	1	0	0	1	0	0	0	0	1	0	1	0	1	1	7
1.25- 1.50	4	1	1	0	1	0	0	0	0	3	2	2	2	0	3	0	19
1.50- 2.00	1	2	4	1	0	1	0	3	2	4	3	2	2	4	6	5	40
2.00- 3.00	14	17	10	3	7	13	7	11	8	10	24	4	10	9	13	16	176
3.00- 4.00	36	24	21	9	15	3	15	14	14	24	18	15	13	17	24	26	288
4.00- 5.00	38	19	28	13	16	4	16	11	19	20	18	19	24	14	23	39	321
5.00- 6.00	45	23	24	30	17	4	15	18	27	32	25	11	29	20	23	37	380
6.00- 8.00	58	35	47	56	36	16	15	52	72	113	55	22	42	42	58	53	772
8.00-10.00	27	27	48	19	14	2	3	26	57	70	21	38	47	24	35	16	474
>10.00	3	4	19	5	0	0	1	12	33	33	6	13	39	12	23	8	211
VARIABLE																	0
TOTAL	228	153	205	137	107	44	73	149	233	310	175	126	211	145	209	202	2710

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS E

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
CALM- 0.75	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0.75- 1.00	2	3	1	0	1	0	0	0	0	0	0	1	0	0	0	0	8
1.00- 1.25	2	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	6
1.25- 1.50	3	0	2	0	0	0	1	0	1	1	1	1	0	1	0	0	11
1.50- 2.00	1	1	1	2	1	3	4	2	2	3	2	1	2	2	2	1	30
2.00- 3.00	3	5	7	3	6	15	16	6	13	11	9	8	2	7	5	6	122
3.00- 4.00	11	6	7	2	12	12	20	21	28	21	11	14	8	3	14	13	203
4.00- 5.00	10	6	9	17	10	11	26	35	46	16	26	22	8	10	20	21	293
5.00- 6.00	17	11	33	12	11	7	11	35	49	44	43	26	16	7	16	6	344
6.00- 8.00	25	28	24	19	18	1	11	65	100	118	83	51	40	17	15	11	626
8.00-10.00	0	2	2	1	2	0	10	20	56	81	42	23	14	1	0	0	254
>10.00	0	0	0	1	0	0	2	8	39	17	6	4	1	2	0	0	80
VARIABLE																	0
TOTAL	74	62	86	57	62	49	101	193	334	313	223	152	91	50	72	59	1980

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS F

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	6
CALM- 0.75	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
0.75- 1.00	2	0	2	0	1	0	0	0	1	0	1	0	0	0	0	0	7
1.00- 1.25	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
1.25- 1.50	0	1	0	1	0	0	0	0	1	1	0	0	1	0	1	0	6
1.50- 2.00	2	0	2	3	1	7	2	0	1	1	3	0	1	0	0	0	23
2.00- 3.00	4	0	6	2	4	14	12	2	8	5	4	6	3	9	4	2	85
3.00- 4.00	5	3	3	3	3	10	12	8	11	20	7	5	9	3	4	1	107
4.00- 5.00	7	3	16	6	7	1	8	19	17	8	12	14	6	1	4	7	136
5.00- 6.00	12	11	15	16	17	1	3	7	15	12	18	10	7	1	3	5	153
6.00- 8.00	6	4	39	12	18	0	3	7	13	16	21	24	20	7	5	3	198
8.00-10.00	0	0	3	1	0	0	2	5	2	6	2	1	1	0	0	0	23
>10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VARIABLE																	0
TOTAL	38	23	86	44	51	35	42	48	69	69	68	60	48	21	21	18	747

CALM= 0.50 M/S

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS G

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	6
CALM- 0.75	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
0.75- 1.00	0	0	0	1	0	1	1	0	2	0	0	1	0	0	1	1	8
1.00- 1.25	0	0	1	0	0	3	0	0	0	0	1	0	0	0	1	0	6
1.25- 1.50	0	0	1	0	0	3	0	0	1	2	0	0	0	0	0	0	7
1.50- 2.00	1	2	0	0	2	2	5	2	1	1	0	0	0	0	1	0	17
2.00- 3.00	1	3	6	4	8	7	3	4	2	3	4	2	1	1	3	1	53
3.00- 4.00	2	3	1	4	14	8	2	9	8	9	3	1	2	1	2	3	72
4.00- 5.00	3	3	4	2	12	1	1	3	5	3	1	2	2	0	1	1	44
5.00- 6.00	3	1	5	26	9	0	0	2	2	6	9	3	1	0	0	5	72
6.00- 8.00	2	4	13	25	13	0	0	2	2	1	9	5	2	0	0	1	79
8.00-10.00	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	3
>10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VARIABLE																	0
TOTAL	12	16	33	62	58	26	12	22	23	25	27	15	8	2	9	12	368

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS ALL

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	18
CALM- 0.75	1	1	0	2	0	2	2	1	0	1	1	0	0	1	0	0	12
0.75- 1.00	4	3	6	2	5	3	6	3	5	5	6	2	2	2	1	2	57
1.00- 1.25	3	2	2	0	2	11	5	4	0	2	2	1	2	3	4	2	45
1.25- 1.50	9	4	4	4	5	12	12	6	10	11	6	4	5	3	7	2	104
1.50- 2.00	10	10	17	13	9	29	27	25	15	18	19	9	9	11	14	9	244
2.00- 3.00	30	30	42	31	50	69	57	50	66	56	66	38	34	36	34	36	725
3.00- 4.00	77	53	51	27	52	40	69	68	89	106	78	56	44	33	65	70	978
4.00- 5.00	77	44	75	51	57	22	56	79	113	75	99	78	57	38	67	92	1080
5.00- 6.00	105	60	98	95	68	15	37	70	120	115	140	70	68	41	65	76	1243
6.00- 8.00	117	80	169	134	99	18	35	146	226	320	219	140	133	97	107	94	2134
8.00-10.00	27	31	75	27	19	2	17	69	154	194	85	78	101	42	45	23	989
>10.00	3	9	46	7	3	1	5	34	94	66	14	34	69	35	35	20	475
VARIABLE																	0
TOTAL	463	327	585	393	369	224	328	555	892	969	735	510	524	342	444	426	8104

CALM= 0.50 M/S

TOTAL VALID HOURS = 8104 TOTAL POSSIBLE HOURS = 8760

OVERALL STABILITY CLASS FREQUENCIES IN HOURS

STABILITY:	A	B	C	D	E	F	G	ALL
FREQUENCY:	1456	586	257	2710	1980	747	368	8104

OVERALL WIND SPEED FREQUENCIES IN HOURS

WIND SPEED (M/S):	CALM	CALM- 0.75	0.75- 1.00	1.00- 1.25	1.25- 1.50	1.50- 2.00	2.00- 3.00	3.00- 4.00	4.00- 5.00	5.00- 6.00	6.00- 8.00	8.00-10.00	>10.00	VARIABLE
FREQUENCY:	18	12	57	45	104	244	725	978	1080	1243	2134	989	475	0
CUMULATIVE FREQ:	18	30	87	132	236	480	1205	2183	3263	4506	6640	7629	8104	

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

DISTRIBUTION OF VARIABLE WINDS

U (M/S)	A	B	C	D	E	F	G	TOTAL
CALM	0	0	0	0	0	0	0	0
CALM- 0.75	0	0	0	0	0	0	0	0
0.75- 1.00	0	0	0	0	0	0	0	0
1.00- 1.25	0	0	0	0	0	0	0	0
1.25- 1.50	0	0	0	0	0	0	0	0
1.50- 2.00	0	0	0	0	0	0	0	0
2.00- 3.00	0	0	0	0	0	0	0	0
3.00- 4.00	0	0	0	0	0	0	0	0
4.00- 5.00	0	0	0	0	0	0	0	0
5.00- 6.00	0	0	0	0	0	0	0	0
6.00- 8.00	0	0	0	0	0	0	0	0
8.00-10.00	0	0	0	0	0	0	0	0
>10.00	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS A

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.00
CALM- 0.75	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
0.75- 1.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.07
1.00- 1.25	0.00	0.00	0.00	0.00	0.00	0.05	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.15
1.25- 1.50	0.00	0.01	0.00	0.01	0.04	0.10	0.11	0.06	0.05	0.04	0.01	0.00	0.01	0.00	0.01	0.00	0.46
1.50- 2.00	0.02	0.01	0.07	0.06	0.06	0.14	0.20	0.12	0.06	0.04	0.05	0.05	0.02	0.06	0.01	0.01	1.00
2.00- 3.00	0.02	0.04	0.06	0.16	0.22	0.15	0.16	0.22	0.36	0.32	0.16	0.12	0.10	0.07	0.05	0.10	2.32
3.00- 4.00	0.10	0.06	0.12	0.09	0.07	0.07	0.21	0.11	0.28	0.26	0.35	0.14	0.10	0.11	0.16	0.21	2.44
4.00- 5.00	0.11	0.09	0.16	0.16	0.10	0.05	0.06	0.11	0.19	0.26	0.36	0.12	0.12	0.09	0.14	0.21	2.32
5.00- 6.00	0.19	0.10	0.20	0.10	0.11	0.04	0.09	0.04	0.25	0.19	0.38	0.15	0.14	0.09	0.20	0.20	2.43
6.00- 8.00	0.20	0.07	0.46	0.16	0.10	0.00	0.06	0.15	0.27	0.67	0.37	0.35	0.26	0.21	0.19	0.19	3.69
8.00-10.00	0.00	0.00	0.10	0.05	0.01	0.00	0.00	0.11	0.35	0.32	0.21	0.09	0.27	0.16	0.10	0.06	1.83
>10.00	0.00	0.00	0.05	0.00	0.02	0.01	0.00	0.12	0.19	0.14	0.00	0.09	0.25	0.21	0.06	0.10	1.23
VARIABLE																	0.00
TOTAL	0.64	0.38	1.22	0.80	0.74	0.63	0.96	1.10	1.99	2.22	1.90	1.10	1.27	1.01	0.93	1.07	17.97

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS B

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.00
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.75- 1.00	0.00	0.00	0.01	0.00	0.01	0.00	0.04	0.01	0.01	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.15
1.00- 1.25	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.07
1.25- 1.50	0.02	0.00	0.00	0.02	0.01	0.00	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.23
1.50- 2.00	0.02	0.04	0.02	0.02	0.00	0.05	0.00	0.06	0.04	0.06	0.09	0.01	0.02	0.00	0.02	0.02	0.49
2.00- 3.00	0.04	0.02	0.10	0.07	0.06	0.09	0.06	0.07	0.06	0.01	0.15	0.09	0.10	0.05	0.04	0.04	1.05
3.00- 4.00	0.11	0.11	0.10	0.02	0.02	0.00	0.04	0.06	0.02	0.07	0.10	0.10	0.04	0.00	0.06	0.09	0.95
4.00- 5.00	0.11	0.04	0.06	0.00	0.04	0.01	0.00	0.02	0.10	0.05	0.14	0.07	0.04	0.04	0.05	0.05	0.81
5.00- 6.00	0.07	0.05	0.06	0.04	0.02	0.00	0.00	0.04	0.06	0.04	0.12	0.07	0.01	0.06	0.06	0.06	0.78
6.00- 8.00	0.09	0.01	0.05	0.07	0.06	0.01	0.00	0.07	0.11	0.19	0.19	0.12	0.06	0.10	0.10	0.07	1.31
8.00-10.00	0.00	0.01	0.10	0.02	0.01	0.00	0.02	0.07	0.11	0.10	0.02	0.06	0.09	0.05	0.00	0.01	0.69
>10.00	0.00	0.02	0.17	0.01	0.01	0.00	0.02	0.04	0.09	0.04	0.01	0.07	0.10	0.02	0.05	0.02	0.69
VARIABLE																	0.00
TOTAL	0.47	0.31	0.68	0.30	0.27	0.19	0.21	0.47	0.63	0.60	0.85	0.62	0.47	0.36	0.42	0.39	7.23

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS C

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.01
CALM- 0.75	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
0.75- 1.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.04
1.00- 1.25	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.01	0.01	0.00	0.00	0.07
1.25- 1.50	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.06
1.50- 2.00	0.01	0.01	0.02	0.00	0.00	0.01	0.00	0.04	0.01	0.01	0.00	0.01	0.00	0.00	0.02	0.00	0.16
2.00- 3.00	0.04	0.00	0.00	0.00	0.02	0.01	0.01	0.04	0.01	0.00	0.00	0.01	0.02	0.00	0.02	0.00	0.20
3.00- 4.00	0.07	0.04	0.01	0.00	0.00	0.01	0.00	0.02	0.04	0.06	0.04	0.02	0.01	0.00	0.04	0.04	0.41
4.00- 5.00	0.01	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.04	0.04	0.02	0.06	0.05	0.04	0.05	0.04	0.39
5.00- 6.00	0.09	0.02	0.00	0.00	0.04	0.00	0.01	0.02	0.02	0.04	0.05	0.02	0.04	0.01	0.02	0.02	0.42
6.00- 8.00	0.04	0.02	0.06	0.04	0.01	0.00	0.01	0.02	0.10	0.04	0.07	0.00	0.04	0.07	0.07	0.06	0.67
8.00-10.00	0.00	0.01	0.05	0.00	0.01	0.00	0.00	0.04	0.02	0.04	0.01	0.04	0.12	0.00	0.02	0.01	0.38
>10.00	0.00	0.04	0.11	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.01	0.05	0.01	0.02	0.04	0.02	0.35
VARIABLE																	0.00
TOTAL	0.26	0.21	0.26	0.05	0.11	0.05	0.06	0.20	0.26	0.28	0.23	0.22	0.31	0.16	0.30	0.20	3.17

CALM= 0.50 M/S

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS D

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.04
CALM- 0.75	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.07
0.75- 1.00	0.00	0.00	0.02	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.02	0.02	0.00	0.01	0.16
1.00- 1.25	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.01	0.09
1.25- 1.50	0.05	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.04	0.02	0.02	0.02	0.00	0.04	0.00	0.23
1.50- 2.00	0.01	0.02	0.05	0.01	0.00	0.01	0.00	0.04	0.02	0.05	0.04	0.02	0.02	0.05	0.07	0.06	0.49
2.00- 3.00	0.17	0.21	0.12	0.04	0.09	0.16	0.09	0.14	0.10	0.12	0.30	0.05	0.12	0.11	0.16	0.20	2.17
3.00- 4.00	0.44	0.30	0.26	0.11	0.19	0.04	0.19	0.17	0.17	0.30	0.22	0.19	0.16	0.21	0.30	0.32	3.55
4.00- 5.00	0.47	0.23	0.35	0.16	0.20	0.05	0.20	0.14	0.23	0.25	0.22	0.23	0.30	0.17	0.28	0.48	3.96
5.00- 6.00	0.56	0.28	0.30	0.37	0.21	0.05	0.19	0.22	0.33	0.39	0.31	0.14	0.36	0.25	0.28	0.46	4.69
6.00- 8.00	0.72	0.43	0.58	0.69	0.44	0.20	0.19	0.64	0.89	1.39	0.68	0.27	0.52	0.52	0.72	0.65	9.53
8.00-10.00	0.33	0.33	0.59	0.23	0.17	0.02	0.04	0.32	0.70	0.86	0.26	0.47	0.58	0.30	0.43	0.20	5.85
>10.00	0.04	0.05	0.23	0.06	0.00	0.00	0.01	0.15	0.41	0.41	0.07	0.16	0.48	0.15	0.28	0.10	2.60
VARIABLE																	0.00
TOTAL	2.81	1.89	2.53	1.69	1.32	0.54	0.90	1.84	2.88	3.83	2.16	1.55	2.60	1.79	2.58	2.49	33.44

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS E

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.02
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
0.75- 1.00	0.02	0.04	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.10
1.00- 1.25	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.07
1.25- 1.50	0.04	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.14
1.50- 2.00	0.01	0.01	0.01	0.02	0.01	0.04	0.05	0.02	0.02	0.04	0.02	0.01	0.02	0.02	0.02	0.01	0.37
2.00- 3.00	0.04	0.06	0.09	0.04	0.07	0.19	0.20	0.07	0.16	0.14	0.11	0.10	0.02	0.09	0.06	0.07	1.51
3.00- 4.00	0.14	0.07	0.09	0.02	0.15	0.15	0.25	0.26	0.35	0.26	0.14	0.17	0.10	0.04	0.17	0.16	2.50
4.00- 5.00	0.12	0.07	0.11	0.21	0.12	0.14	0.32	0.43	0.57	0.20	0.32	0.27	0.10	0.12	0.25	0.26	3.62
5.00- 6.00	0.21	0.14	0.41	0.15	0.14	0.09	0.14	0.43	0.60	0.54	0.53	0.32	0.20	0.09	0.20	0.07	4.24
6.00- 8.00	0.31	0.35	0.30	0.23	0.22	0.01	0.14	0.80	1.23	1.46	1.02	0.63	0.49	0.21	0.19	0.14	7.72
8.00-10.00	0.00	0.02	0.02	0.01	0.02	0.00	0.12	0.25	0.69	1.00	0.52	0.28	0.17	0.01	0.00	0.00	3.13
>10.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.10	0.48	0.21	0.07	0.05	0.01	0.02	0.00	0.00	0.99
VARIABLE																	0.00
TOTAL	0.91	0.77	1.06	0.70	0.77	0.60	1.25	2.38	4.12	3.86	2.75	1.88	1.12	0.62	0.89	0.73	24.43

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS F

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.07
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
0.75- 1.00	0.02	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.09
1.00- 1.25	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1.25- 1.50	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.07
1.50- 2.00	0.02	0.00	0.02	0.04	0.01	0.09	0.02	0.00	0.01	0.01	0.04	0.00	0.01	0.00	0.00	0.00	0.28
2.00- 3.00	0.05	0.00	0.07	0.02	0.05	0.17	0.15	0.02	0.10	0.06	0.05	0.07	0.04	0.11	0.05	0.02	1.05
3.00- 4.00	0.06	0.04	0.04	0.04	0.04	0.12	0.15	0.10	0.14	0.25	0.09	0.06	0.11	0.04	0.05	0.01	1.32
4.00- 5.00	0.09	0.04	0.20	0.07	0.09	0.01	0.10	0.23	0.21	0.10	0.15	0.17	0.07	0.01	0.05	0.09	1.68
5.00- 6.00	0.15	0.14	0.19	0.20	0.21	0.01	0.04	0.09	0.19	0.15	0.22	0.12	0.09	0.01	0.04	0.06	1.89
6.00- 8.00	0.07	0.05	0.48	0.15	0.22	0.00	0.04	0.09	0.16	0.20	0.26	0.30	0.25	0.09	0.06	0.04	2.44
8.00-10.00	0.00	0.00	0.04	0.01	0.00	0.00	0.02	0.06	0.02	0.07	0.02	0.01	0.01	0.00	0.00	0.00	0.28
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE																	0.00
TOTAL	0.47	0.28	1.06	0.54	0.63	0.43	0.52	0.59	0.85	0.85	0.84	0.74	0.59	0.26	0.26	0.22	9.22

CALM= 0.50 M/S

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS G

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.07
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
0.75- 1.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.01	0.01	0.10
1.00- 1.25	0.00	0.00	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.07
1.25- 1.50	0.00	0.00	0.01	0.00	0.00	0.04	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1.50- 2.00	0.01	0.02	0.00	0.00	0.02	0.02	0.06	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.21
2.00- 3.00	0.01	0.04	0.07	0.05	0.10	0.09	0.04	0.05	0.02	0.04	0.05	0.02	0.01	0.01	0.04	0.01	0.65
3.00- 4.00	0.02	0.04	0.01	0.05	0.17	0.10	0.02	0.11	0.10	0.11	0.04	0.01	0.02	0.01	0.02	0.04	0.89
4.00- 5.00	0.04	0.04	0.05	0.02	0.15	0.01	0.01	0.04	0.06	0.04	0.01	0.02	0.02	0.00	0.01	0.01	0.54
5.00- 6.00	0.04	0.01	0.06	0.32	0.11	0.00	0.00	0.02	0.02	0.07	0.11	0.04	0.01	0.00	0.00	0.06	0.89
6.00- 8.00	0.02	0.05	0.16	0.31	0.16	0.00	0.00	0.02	0.02	0.01	0.11	0.06	0.02	0.00	0.00	0.01	0.97
8.00-10.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.04
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE																	0.00
TOTAL	0.15	0.20	0.41	0.77	0.72	0.32	0.15	0.27	0.28	0.31	0.33	0.19	0.10	0.02	0.11	0.15	4.54

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS ALL

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.22
CALM- 0.75	0.01	0.01	0.00	0.02	0.00	0.02	0.02	0.01	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.15
0.75- 1.00	0.05	0.04	0.07	0.02	0.06	0.04	0.07	0.04	0.06	0.06	0.07	0.02	0.02	0.02	0.01	0.02	0.70
1.00- 1.25	0.04	0.02	0.02	0.00	0.02	0.14	0.06	0.05	0.00	0.02	0.02	0.01	0.02	0.04	0.05	0.02	0.56
1.25- 1.50	0.11	0.05	0.05	0.05	0.06	0.15	0.15	0.07	0.12	0.14	0.07	0.05	0.06	0.04	0.09	0.02	1.28
1.50- 2.00	0.12	0.12	0.21	0.16	0.11	0.36	0.33	0.31	0.19	0.22	0.23	0.11	0.11	0.14	0.17	0.11	3.01
2.00- 3.00	0.37	0.37	0.52	0.38	0.62	0.85	0.70	0.62	0.81	0.69	0.81	0.47	0.42	0.44	0.42	0.44	8.95
3.00- 4.00	0.95	0.65	0.63	0.33	0.64	0.49	0.85	0.84	1.10	1.31	0.96	0.69	0.54	0.41	0.80	0.86	12.07
4.00- 5.00	0.95	0.54	0.93	0.63	0.70	0.27	0.69	0.97	1.39	0.93	1.22	0.96	0.70	0.47	0.83	1.14	13.33
5.00- 6.00	1.30	0.74	1.21	1.17	0.84	0.19	0.46	0.86	1.48	1.42	1.73	0.86	0.84	0.51	0.80	0.94	15.34
6.00- 8.00	1.44	0.99	2.09	1.65	1.22	0.22	0.43	1.80	2.79	3.95	2.70	1.73	1.64	1.20	1.32	1.16	26.33
8.00-10.00	0.33	0.38	0.93	0.33	0.23	0.02	0.21	0.85	1.90	2.39	1.05	0.96	1.25	0.52	0.56	0.28	12.20
>10.00	0.04	0.11	0.57	0.09	0.04	0.01	0.06	0.42	1.16	0.81	0.17	0.42	0.85	0.43	0.43	0.25	5.86
VARIABLE																	0.00
TOTAL	5.71	4.04	7.22	4.85	4.55	2.76	4.05	6.85	11.01	11.96	9.07	6.29	6.47	4.22	5.48	5.26	100.00

CALM= 0.50 M/S

PERCENT DATA RECOVERY = 92.5

OVERALL STABILITY CLASS FREQUENCIES IN PERCENT

STABILITY:	A	B	C	D	E	F	G	ALL
FREQUENCY:	18.0	7.2	3.2	33.4	24.4	9.2	4.5	100.0

OVERALL WIND SPEED FREQUENCIES IN PERCENT

WIND SPEED (M/S):	CALM	CALM- 0.75	0.75- 1.00	1.00- 1.25	1.25- 1.50	1.50- 2.00	2.00- 3.00	3.00- 4.00	4.00- 5.00	5.00- 6.00	6.00- 8.00	8.00-10.00	>10.00	VARIABLE
FREQUENCY:	0.2	0.1	0.7	0.6	1.3	3.0	8.9	12.1	13.3	15.3	26.3	12.2	5.9	0.0
CUMULATIVE FREQ:	0.2	0.4	1.1	1.6	2.9	5.9	14.9	26.9	40.3	55.6	81.9	94.1	100.0	

LEVEL OF WIND DATA: 60.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

DISTRIBUTION OF VARIABLE WINDS

U (M/S)	A	B	C	D	E	F	G	TOTAL
CALM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CALM- 0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.75- 1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.00- 1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.25- 1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.50- 2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.00- 3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.00- 4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.00- 5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.00- 6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.00- 8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.00-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Jan 2000 - Aug 2000

PROGRAM: JFREQ VERSION: 5.0 DATED: MAY 1997 TIME = 16:21:44.14 DATE = 6- 4-2004
TITLE:Clinton Jan 2000 - Aug 2002 Met Data

WIND DATA FROM LEVEL: LOWER
DELTA-T INTERVAL: UPPER MINUS LOWER
Create Hourly JFD for PAVAN: YES
HOURLY DATA CODED: 01-24
WRITE STABILITY CLASS BY HOUR OF DAY: NO
CALM WINDS CODED: 0.30 M/S
NO WINDS CODED AS A VARIABLE DIRECTION
JFD FOR DATA PERIOD: BEGINNING - 2000 1 1
ENDING - 2002 8 31

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS A

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	1
CALM- 1.50	1	0	4	7	5	13	16	18	9	7	8	8	3	3	2	1	105
1.50- 3.30	25	12	72	70	73	93	106	110	150	117	114	50	53	56	58	23	1182
3.30- 5.50	43	38	112	32	25	15	50	49	153	158	157	93	121	103	115	46	1310
5.50- 8.20	23	17	26	4	3	1	9	35	84	80	69	49	86	81	61	23	651
8.20-10.90	0	0	1	0	0	0	1	3	12	2	3	6	23	24	9	6	90
>10.90	0	0	0	0	0	0	0	1	0	0	0	3	6	0	0	0	10
VARIABLE																	0
TOTAL	92	67	215	113	106	122	182	216	408	364	351	209	292	267	245	99	3349

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS B

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
CALM- 1.50	1	0	4	3	4	11	7	5	12	5	13	5	4	5	4	1	84
1.50- 3.30	20	17	54	37	15	18	44	36	46	26	46	33	32	41	34	23	522
3.30- 5.50	31	34	21	18	6	2	13	34	45	51	59	54	37	48	41	23	517
5.50- 8.20	18	15	14	0	2	0	7	10	31	30	15	18	21	36	22	8	247
8.20-10.90	1	4	3	0	0	0	0	2	9	2	1	8	12	7	6	2	57
>10.90	0	0	0	0	0	0	0	0	2	0	0	1	2	0	0	0	5
VARIABLE																	0
TOTAL	71	70	96	58	27	31	71	87	145	114	134	119	108	137	107	57	1434

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS C

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	2
CALM- 1.50	2	2	4	3	3	3	3	6	4	3	2	3	0	3	2	2	45
1.50- 3.30	10	7	23	12	11	8	12	16	12	12	12	7	17	16	21	19	215
3.30- 5.50	15	19	16	6	2	6	13	15	31	19	25	15	28	26	19	12	267
5.50- 8.20	4	5	9	0	1	0	2	9	8	11	10	17	14	29	17	6	142
8.20-10.90	0	5	2	0	0	0	0	0	2	4	2	6	2	4	2	1	30
>10.90	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
VARIABLE																	0
TOTAL	31	38	54	21	17	17	30	46	57	49	51	48	61	79	61	40	702

CALM= 0.30 M/S

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS D

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	6
CALM- 1.50	18	20	27	36	50	69	33	35	20	30	38	19	29	21	24	19	488
1.50- 3.30	118	126	202	150	148	177	199	224	168	163	138	92	151	139	146	119	2460
3.30- 5.50	171	187	204	76	36	59	133	242	345	319	160	159	262	290	250	157	3050
5.50- 8.20	52	58	63	5	1	2	25	67	178	184	51	72	190	183	117	37	1285
8.20-10.90	1	9	8	0	0	0	0	4	47	25	9	24	37	33	10	4	211
>10.90	0	0	0	0	0	0	0	0	0	0	1	1	7	0	0	0	9
VARIABLE																	0
TOTAL	360	400	504	267	235	307	390	572	758	721	397	367	676	666	547	336	7509

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS E

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	19
CALM- 1.50	12	31	59	62	74	102	83	61	58	62	50	46	35	28	26	17	806
1.50- 3.30	65	82	184	141	137	148	205	337	376	294	183	154	148	150	113	88	2805
3.30- 5.50	24	30	30	20	11	13	60	156	316	310	130	87	109	91	31	37	1455
5.50- 8.20	0	5	1	0	0	0	5	14	105	65	26	17	33	7	10	5	293
8.20-10.90	0	0	0	0	0	0	0	2	18	6	0	1	1	2	2	0	32
>10.90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VARIABLE																	0
TOTAL	101	148	274	223	222	263	353	570	873	737	389	305	326	278	182	147	5410

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS F

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	24
CALM- 1.50	19	43	77	44	44	49	48	44	41	57	43	51	43	39	27	14	683
1.50- 3.30	28	78	121	63	35	18	82	94	93	106	92	70	72	50	76	19	1097
3.30- 5.50	1	7	8	17	11	1	3	11	23	22	17	33	6	15	13	6	194
5.50- 8.20	1	0	0	1	1	0	0	0	0	0	4	14	2	0	1	3	27
8.20-10.90	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
>10.90	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
VARIABLE																	0
TOTAL	49	128	206	125	91	68	133	149	158	185	156	171	123	104	117	42	2029

CALM= 0.30 M/S

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS G

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	23
CALM- 1.50	13	45	74	32	34	26	19	17	18	20	24	34	35	38	41	13	483
1.50- 3.30	6	48	72	15	14	3	16	12	18	13	19	24	16	22	45	4	347
3.30- 5.50	0	1	1	4	5	0	0	0	0	0	4	4	0	0	7	1	27
5.50- 8.20	0	0	0	2	3	0	0	0	0	0	4	3	0	0	0	0	12
8.20-10.90	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
>10.90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VARIABLE																	0
TOTAL	19	94	147	53	56	29	35	29	36	33	51	66	51	60	93	18	893

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN HOURS ATMOSPHERIC STABILITY CLASS ALL

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	77
CALM- 1.50	66	141	249	187	214	273	209	186	162	184	178	166	149	137	126	67	2694
1.50- 3.30	272	370	728	488	433	465	664	829	863	731	604	430	489	474	493	295	8628
3.30- 5.50	285	316	392	173	96	96	272	507	913	879	552	445	563	573	476	282	6820
5.50- 8.20	98	100	113	12	11	3	48	135	406	370	179	190	346	336	228	82	2657
8.20-10.90	2	18	14	0	0	0	1	11	88	39	15	49	75	70	29	13	424
>10.90	0	0	0	0	0	0	0	1	3	0	1	5	15	1	0	0	26
VARIABLE																	0
TOTAL	723	945	1496	860	754	837	1194	1669	2435	2203	1529	1285	1637	1591	1352	739	21326

CALM= 0.30 M/S

TOTAL VALID HOURS = 21326 TOTAL POSSIBLE HOURS = 23376

OVERALL STABILITY CLASS FREQUENCIES IN HOURS

STABILITY:	A	B	C	D	E	F	G	ALL
FREQUENCY:	3349	1434	702	7509	5410	2029	893	21326

OVERALL WIND SPEED FREQUENCIES IN HOURS

WIND SPEED (M/S):	CALM	CALM- 1.50	1.50- 3.30	3.30- 5.50	5.50- 8.20	8.20-10.90	>10.90	VARIABLE
FREQUENCY:	77	2694	8628	6820	2657	424	26	0
CUMULATIVE FREQ:	77	2771	11399	18219	20876	21300	21326	

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

DISTRIBUTION OF VARIABLE WINDS

U (M/S)	A	B	C	D	E	F	G	TOTAL
CALM	0	0	0	0	0	0	0	0
CALM- 1.50	0	0	0	0	0	0	0	0
1.50- 3.30	0	0	0	0	0	0	0	0
3.30- 5.50	0	0	0	0	0	0	0	0
5.50- 8.20	0	0	0	0	0	0	0	0
8.20-10.90	0	0	0	0	0	0	0	0
>10.90	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS A

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.00
CALM- 1.50	0.00	0.00	0.02	0.03	0.02	0.06	0.08	0.08	0.04	0.03	0.04	0.04	0.01	0.01	0.01	0.00	0.49
1.50- 3.30	0.12	0.06	0.34	0.33	0.34	0.44	0.50	0.52	0.70	0.55	0.53	0.23	0.25	0.26	0.27	0.11	5.54
3.30- 5.50	0.20	0.18	0.53	0.15	0.12	0.07	0.23	0.23	0.72	0.74	0.74	0.44	0.57	0.48	0.54	0.22	6.14
5.50- 8.20	0.11	0.08	0.12	0.02	0.01	0.00	0.04	0.16	0.39	0.38	0.32	0.23	0.40	0.38	0.29	0.11	3.05
8.20-10.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.01	0.01	0.03	0.11	0.11	0.04	0.03	0.42
>10.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.05
VARIABLE																	0.00
TOTAL	0.43	0.31	1.01	0.53	0.50	0.57	0.85	1.01	1.91	1.71	1.65	0.98	1.37	1.25	1.15	0.46	15.70

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS B

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.01
CALM- 1.50	0.00	0.00	0.02	0.01	0.02	0.05	0.03	0.02	0.06	0.02	0.06	0.02	0.02	0.02	0.02	0.00	0.39
1.50- 3.30	0.09	0.08	0.25	0.17	0.07	0.08	0.21	0.17	0.22	0.12	0.22	0.15	0.15	0.19	0.16	0.11	2.45
3.30- 5.50	0.15	0.16	0.10	0.08	0.03	0.01	0.06	0.16	0.21	0.24	0.28	0.25	0.17	0.23	0.19	0.11	2.42
5.50- 8.20	0.08	0.07	0.07	0.00	0.01	0.00	0.03	0.05	0.15	0.14	0.07	0.08	0.10	0.17	0.10	0.04	1.16
8.20-10.90	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.04	0.01	0.00	0.04	0.06	0.03	0.03	0.01	0.27
>10.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02
VARIABLE																	0.00
TOTAL	0.33	0.33	0.45	0.27	0.13	0.15	0.33	0.41	0.68	0.53	0.63	0.56	0.51	0.64	0.50	0.27	6.72

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS C

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.01
CALM- 1.50	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.03	0.02	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.21
1.50- 3.30	0.05	0.03	0.11	0.06	0.05	0.04	0.06	0.08	0.06	0.06	0.06	0.03	0.08	0.08	0.10	0.09	1.01
3.30- 5.50	0.07	0.09	0.08	0.03	0.01	0.03	0.06	0.07	0.15	0.09	0.12	0.07	0.13	0.12	0.09	0.06	1.25
5.50- 8.20	0.02	0.02	0.04	0.00	0.00	0.00	0.01	0.04	0.04	0.05	0.05	0.08	0.07	0.14	0.08	0.03	0.67
8.20-10.90	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.03	0.01	0.02	0.01	0.00	0.14
>10.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE																	0.00
TOTAL	0.15	0.18	0.25	0.10	0.08	0.08	0.14	0.22	0.27	0.23	0.24	0.23	0.29	0.37	0.29	0.19	3.29

CALM= 0.30 M/S

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS D

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.03
CALM- 1.50	0.08	0.09	0.13	0.17	0.23	0.32	0.15	0.16	0.09	0.14	0.18	0.09	0.14	0.10	0.11	0.09	2.29
1.50- 3.30	0.55	0.59	0.95	0.70	0.69	0.83	0.93	1.05	0.79	0.76	0.65	0.43	0.71	0.65	0.68	0.56	11.54
3.30- 5.50	0.80	0.88	0.96	0.36	0.17	0.28	0.62	1.13	1.62	1.50	0.75	0.75	1.23	1.36	1.17	0.74	14.30
5.50- 8.20	0.24	0.27	0.30	0.02	0.00	0.01	0.12	0.31	0.83	0.86	0.24	0.34	0.89	0.86	0.55	0.17	6.03
8.20-10.90	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.02	0.22	0.12	0.04	0.11	0.17	0.15	0.05	0.02	0.99
>10.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.04
VARIABLE																	0.00
TOTAL	1.69	1.88	2.36	1.25	1.10	1.44	1.83	2.68	3.55	3.38	1.86	1.72	3.17	3.12	2.56	1.58	35.21

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS E

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.09
CALM- 1.50	0.06	0.15	0.28	0.29	0.35	0.48	0.39	0.29	0.27	0.29	0.23	0.22	0.16	0.13	0.12	0.08	3.78
1.50- 3.30	0.30	0.38	0.86	0.66	0.64	0.69	0.96	1.58	1.76	1.38	0.86	0.72	0.69	0.70	0.53	0.41	13.15
3.30- 5.50	0.11	0.14	0.14	0.09	0.05	0.06	0.28	0.73	1.48	1.45	0.61	0.41	0.51	0.43	0.15	0.17	6.82
5.50- 8.20	0.00	0.02	0.00	0.00	0.00	0.00	0.02	0.07	0.49	0.30	0.12	0.08	0.15	0.03	0.05	0.02	1.37
8.20-10.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08	0.03	0.00	0.00	0.00	0.01	0.01	0.00	0.15
>10.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE																	0.00
TOTAL	0.47	0.69	1.28	1.05	1.04	1.23	1.66	2.67	4.09	3.46	1.82	1.43	1.53	1.30	0.85	0.69	25.37

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS F

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.11
CALM- 1.50	0.09	0.20	0.36	0.21	0.21	0.23	0.23	0.21	0.19	0.27	0.20	0.24	0.20	0.18	0.13	0.07	3.20
1.50- 3.30	0.13	0.37	0.57	0.30	0.16	0.08	0.38	0.44	0.44	0.50	0.43	0.33	0.34	0.23	0.36	0.09	5.14
3.30- 5.50	0.00	0.03	0.04	0.08	0.05	0.00	0.01	0.05	0.11	0.10	0.08	0.15	0.03	0.07	0.06	0.03	0.91
5.50- 8.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.07	0.01	0.00	0.00	0.01	0.13
8.20-10.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
>10.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE																	0.00
TOTAL	0.23	0.60	0.97	0.59	0.43	0.32	0.62	0.70	0.74	0.87	0.73	0.80	0.58	0.49	0.55	0.20	9.51

CALM= 0.30 M/S

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS G

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.11
CALM- 1.50	0.06	0.21	0.35	0.15	0.16	0.12	0.09	0.08	0.08	0.09	0.11	0.16	0.16	0.18	0.19	0.06	2.26
1.50- 3.30	0.03	0.23	0.34	0.07	0.07	0.01	0.08	0.06	0.08	0.06	0.09	0.11	0.08	0.10	0.21	0.02	1.63
3.30- 5.50	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.03	0.00	0.13
5.50- 8.20	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.06
8.20-10.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>10.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VARIABLE																	0.00
TOTAL	0.09	0.44	0.69	0.25	0.26	0.14	0.16	0.14	0.17	0.15	0.24	0.31	0.24	0.28	0.44	0.08	4.19

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED AND DIRECTION IN FRACTIONS ATMOSPHERIC STABILITY CLASS ALL

U (M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
CALM																	0.36
CALM- 1.50	0.31	0.66	1.17	0.88	1.00	1.28	0.98	0.87	0.76	0.86	0.83	0.78	0.70	0.64	0.59	0.31	12.63
1.50- 3.30	1.28	1.73	3.41	2.29	2.03	2.18	3.11	3.89	4.05	3.43	2.83	2.02	2.29	2.22	2.31	1.38	40.46
3.30- 5.50	1.34	1.48	1.84	0.81	0.45	0.45	1.28	2.38	4.28	4.12	2.59	2.09	2.64	2.69	2.23	1.32	31.98
5.50- 8.20	0.46	0.47	0.53	0.06	0.05	0.01	0.23	0.63	1.90	1.73	0.84	0.89	1.62	1.58	1.07	0.38	12.46
8.20-10.90	0.01	0.08	0.07	0.00	0.00	0.00	0.00	0.05	0.41	0.18	0.07	0.23	0.35	0.33	0.14	0.06	1.99
>10.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.07	0.00	0.00	0.00	0.12
VARIABLE																	0.00
TOTAL	3.39	4.43	7.01	4.03	3.54	3.92	5.60	7.83	11.42	10.33	7.17	6.03	7.68	7.46	6.34	3.47	100.00

CALM= 0.30 M/S

PERCENT DATA RECOVERY = 91.2

OVERALL STABILITY CLASS FREQUENCIES IN PERCENT

STABILITY:	A	B	C	D	E	F	G	ALL
FREQUENCY:	15.7	6.7	3.3	35.2	25.4	9.5	4.2	100.0

OVERALL WIND SPEED FREQUENCIES IN PERCENT

WIND SPEED (M/S):	CALM	CALM- 1.50	1.50- 3.30	3.30- 5.50	5.50- 8.20	8.20-10.90	>10.90	VARIABLE
FREQUENCY:	0.4	12.6	40.5	32.0	12.5	2.0	0.1	0.0
CUMULATIVE FREQ:	0.4	13.0	53.5	85.4	97.9	99.9	100.0	

LEVEL OF WIND DATA: 10.0 METERS DELTA T LAYER: 60.0- 10.0 METERS

DISTRIBUTION OF VARIABLE WINDS

U (M/S)	A	B	C	D	E	F	G	TOTAL
CALM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CALM- 1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.50- 3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.30- 5.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.50- 8.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.20-10.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>10.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00