APPENDIX 2B

ONSITE METEOROLOGICAL DATA SUMMARIES
APRIL 1979-MARCH 1980

The information contained in this appendix was not revised, but has been extracted from the original FSAR and is provided for historical information.

APPENDIX 2B

ONSITE METEOROLOGICAL DATA SUMMARIES

APRIL 1979 - MARCH 1980

TABLES

Table	Title
2B-1	Joint Frequency Distribution of Wind Speed, Wind Direction, and Pasquill Stability Class (43-Foot Level)
2B-2	Joint Frequency Distribution of Wind Speed, Wind Direction, and Pasquill Stability Class (209-Foot Level)
2B-3	Wind Direction Persistence Summary (43-Foot Level)
2B-4	Wind Direction Persistence Summary (209-Foot Level)
2B-5	Inversion Persistence Summary (43 - 150 Foot Delta-T)
2B-6	Inversion Persistence Summary (43 - 209 Foot Delta-T)
2B-7	Temperature Averages and Extremes
2B-8	Dew Point Averages and Extremes
2B-9	Precipitation Totals
2B-10	Meteorological Data Recovery Rates
2B-11	Stability Persistence Summary, April 1979 - March 1980
2B-12	Stability Persistence Summary, June 1980 - May 1981

APPENDIX 2B

ONSITE METEOROLOGICAL DATA SUMMARIES

APRIL 1979 - MARCH 1980

FIGURES

Figure	Title
2B-1	Spring Wind Rose (43-Foot Level) April 1979 - May 1979; March 1980
2B-2	Summer Wind Rose (43-Foot Level) June 1979 - August 1979
2B-3	Autumn Wind Rose (43-Foot Level) September 1979 - November 1979
2B-4	Winter Wind Rose (43-Foot Level) December 1979 - February 1980
2B-5	Annual Wind Rose (43-Foot Level) April 1979 - March 1980
2B-6	Spring Wind Rose (209-Foot Level) April 1979 - May 1979; March 1980
2B-7	Summer Wind Rose (209-Foot Level) June 1979 - August 1979
2B-8	Autumn Wind Rose (209-Foot Level) September 1979 - November 1979
2B-9	Winter Wind Rose (209-Foot Level) December 1979 - February 1980
2B-10	Annual Wind Rose (209-Foot Level) April 1979 - March 1980

TABLE 2B-1
(Sheet 1 of 8)

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED, WIND DIRECTION, AND PASQUILL STABILITY CLASS (43-FOOT LEVEL)

STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 6.52

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
C-3	0	1	0	1	4	1	0	0	2	1	1	3	3	2	1	0	0	20
(1)	0.00	.18	0.00	.18	.71	.18	0.00	0.00	.36	.18	.18	.54	.54	.36	.18	0.00	0.00	3.57
(2)	0.00	.01	0.00	.01	.05	.01	0.00	0.00	.02	.01	.01	.03	.03	.02	.01	0.00	0.00	.23
4-7	3	6	4	17	15	15	26	3	2	3	4	6	8	12	10	7	0	141
(1)	.54	1.07	.71	3.04	2.68	2.68	4.64	.54	.36	.54	.71	1.07	1.43	2.14	1.79	1.25	0.00	25.18
(2)	.03	.07	.05	.20	.17	.17	.30	.03	.02	.03	.05	.07	.09	.14	.12	.08	0.00	1.64
8-12	7	11	17	18	18	14	61	14	2	14	20	18	22	28	23	6	0	293
(1)	1.25	1.96	3.04	3.21	3.21	2.50	10.89	2.50	.36	2.50	3.57	3.21	3.93	5.00	4.11	1.07	0.00	52.32
(2)	.08	.13	.20	.21	.21	.16	.71	.16	.02	.16	.23	.21	.26	.33	.27	.07	0.00	3.41
13-18	0	0	15	1	0	3	2	0	1	8	4	5	8	31	10	1	0	89
(1)	0.00	0.00	2.68	.18	0.00	.54	.36	0.00	.18	1.43	.71	.89	1.43	5.54	1.79	.18	0.00	15.89
(2)	0.00	0.00	.17	.01	0.00	.03	.02	0.00	.01	.09	.05	.06	.09	.36	.12	.01	0.00	1.04
19-24	0	0	0	0	1	0	0	0	0	0	0	0	1	10	3	0	0	15
(1)	0.00	0.00	0.00	0.00	.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.18	1.79	.54	0.00	0.00	2.68
(2)	0.00	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	.12	.03	0.00	0.00	.17
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.18	.18	0.00	0.00	0.00	.36
(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	.01	0.00	0.00	0.00	.02
ALL SPEEDS	10	18	36	37	38	33	89	17	7	26	29	32	43	84	47	14	0	560
(1)	1.79	3.21	6.43	6.61	6.79	5.89	15.89	3.04	1.25	4.64	5.18	5.71	7.68	15.00	8.39	2.50	0.00	100.00
(2)	.12	.21	.42	.43	.44	.38	1.04	.20	.08	.30	.34	.37	.50	.98	.55	.16	0.00	6.52

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

C= CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)

TABLE 2B-1
(Sheet 2 of 8)

STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 9.06

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
C-3	1	2	2	3	2	0	1	1	0	3	1	0	3	2	2	1	0	24
(1)	.13	.26	.26	.39	.26	0.00	.13	.13	0.00	.39	.13	0.00	.39	.26	.26	.13	0.00	3.08
(2)	.01	.02	.02	.03	.02	0.00	.01	.01	0.00	.03	.01	0.00	.03	.02	.02	.01	0.00	.28
4-7	12	8	4	19	20	25	32	8	0	5	13	9	18	18	27	9	0	227
(1)	1.54	1.03	.51	2.44	2.57	3.21	4.11	1.03	0.00	.64	1.67	1.16	2.31	2.31	3.47	1.16	0.00	29.18
(2)	.14	.09	.05	.22	.23	.29	.37	.09	0.00	.06	.15	.10	.21	.21	.31	.10	0.00	2.64
8-12	17	7	19	18	33	28	20	15	6	18	25	30	29	60	33	8	0	366
(1)	2.19	.90	2.44	2.31	4.24	3.60	2.57	1.93	.77	2.31	3.21	3.86	3.73	7.71	4.24	1.03	0.00	47.04
(2)	.20	.08	.22	.21	.38	.33	.23	.17	.07	.21	.29	.35	.34	.70	.38	.09	0.00	4.26
13-18	0	0	13	5	1	2	0	0	2	4	8	3	20	57	22	0	0	137
(1)	0.00	0.00	1.67	.64	.13	.26	0.00	0.00	.26	.51	1.03	.39	2.57	7.33	2.83	0.00	0.00	17.61
(2)	0.00	0.00	.15	.06	.01	.02	0.00	0.00	.02	.05	.09	.03	.23	.66	.26	0.00	0.00	1.60
19-24	0	0	1	0	0	0	0	0	0	0	0	0	3	17	2	0	0	23
(1)	0.00	0.00	.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.39	2.19	.26	0.00	0.00	2.96
(2)	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.03	.20	.02	0.00	0.00	.27
GT 24	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	0.00	0.00	.13	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	.13
(2)	0.00	0.00	.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	0.00	.01
ALL SPEEDS	30	17	40	45	56	55	53	24	8	30	47	42	73	154	86	18	0	778
(1)	3.86	2.19	5.14	5.78	7.20	7.07	6.81	3.08	1.03	3.86	6.04	5.40	9.38	19.79	11.05	2.31	0.00	100.00
(2)	.35	.20	.47	.52	.65	.64	.62	.28	.09	.35	.55	.49	.85	1.79	1.00	.21	0.00	9.06

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

C= CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)

TABLE 2B-1
(Sheet 3 of 8)

STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 5.53

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
C-3	2	1	0	2	2	1	0	0	1	1	1	0	0	5	2	4	0	22
(1)	.42	.21	0.00	.42	.42	.21	0.00	0.00	.21	.21	.21	0.00	0.00	1.05	.42	.84	0.00	4.63
(2)	.02	.01	0.00	.02	.02	.01	0.00	0.00	.01	.01	.01	0.00	0.00	.06	.02	.05	0.00	.26
4-7	10	2	6	5	21	20	15	9	8	10	5	1	10	16	12	5	0	155
(1)	2.11	.42	1.26	1.05	4.42	4.21	3.16	1.89	1.68	2.11	1.05	.21	2.11	3.37	2.53	1.05	0.00	32.63
(2)	.12	.02	.07	.06	.24	.23	.17	.10	.09	.12	.06	.01	.12	.19	.14	.06	0.00	1.81
8-12	4	4	15	8	18	19	11	5	7	12	20	13	19	30	18	7	0	210
(1)	.84	.84	3.16	1.68	3.79	4.00	2.32	1.05	1.47	2.53	4.21	2.74	4.00	6.32	3.79	1.47	0.00	44.21
(2)	.05	.05	.17	.09	.21	.22	.13	.06	.08	.14	.23	.15	.22	.35	.21	.08	0.00	2.45
13-18	0	0	9	0	1	0	0	1	1	5	5	3	8	24	12	0	0	69
(1)	0.00	0.00	1.89	0.00	.21	0.00	0.00	.21	.21	1.05	1.05	.63	1.68	5.05	2.53	0.00	0.00	14.53
(2)	0.00	0.00	.10	0.00	.01	0.00	0.00	.01	.01	.06	.06	.03	.09	.28	.14	0.00	0.00	.80
19-24	0	0	0	0	0	0	0	1	1	0	0	1	2	10	3	0	0	18
(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.21	.21	0.00	0.00	.21	.42	2.11	.63	0.00	0.00	3.79
(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	.01	0.00	0.00	.01	.02	.12	.03	0.00	0.00	.21
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.21	0.00	0.00	0.00	0.00	.21
(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00	.01
ALL SPEEDS	16	7	30	15	42	40	26	16	18	28	31	18	40	85	47	16	0	475
(1)	3.37	1.47	6.32	3.16	8.84	8.42	5.47	3.37	3.79	5.89	6.53	3.79	8.42	17.89	9.89	3.37	0.00	100.00
(2)	.19	.08	.35	.17	.49	.47	.30	.19	.21	.33	.36	.21	.47	.99	.55	.19	0.00	5.53

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

C= CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)

TABLE 2B-1
(Sheet 4 of 8)

STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 41.54

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
C-3	27	22	17	33	23	25	13	27	24	13	11	14	26	36	30	33	0	374
(1)	.76	.62	.48	.93	.64	.70	.36	.76	.67	.36	.31	.39	.73	1.01	.84	.93	0.00	10.49
(2)	.31	.26	.20	.38	.27	.29	.15	.31	.28	.15	.13	.16	.30	.42	.35	.38	0.00	4.36
4-7	92	69	77	66	90	78	102	71	87	100	87	103	82	127	124	88	0	1443
(1)	2.58	1.93	2.16	1.85	2.52	2.19	2.86	1.99	2.44	2.80	2.44	2.89	2.30	3.56	3.48	2.47	0.00	40.47
(2)	1.07	.80	.90	.77	1.05	.91	1.19	.83	1.01	1.16	1.01	1.20	.96	1.48	1.44	1.03	0.00	16.81
8-12	67	33	71	34	54	65	34	45	65	101	144	75	92	232	119	41	0	1272
(1)	1.88	.93	1.99	.95	1.51	1.82	.95	1.26	1.82	2.83	4.04	2.10	2.58	6.51	3.34	1.15	0.00	35.67
(2)	.78	.38	.83	.40	.63	.76	.40	.52	.76	1.18	1.68	.87	1.07	2.70	1.39	.48	0.00	14.82
13-18	13	4	20	7	7	3	0	11	14	13	21	22	53	127	66	1	0	382
(1)	.36	.11	.56	.20	.20	.08	0.00	.31	.39	.36	.59	.62	1.49	3.56	1.85	.03	0.00	10.71
(2)	.15	.05	.23	.08	.08	.03	0.00	.13	.16	.15	.24	.26	.62	1.48	.77	.01	0.00	4.45
19-24	0	0	8	4	7	0	0	1	0	1	2	0	15	31	18	0	0	87
(1)	0.00	0.00	.22	.11	.20	0.00	0.00	.03	0.00	.03	.06	0.00	.42	.87	.50	0.00	0.00	2.44
(2)	0.00	0.00	.09	.05	.08	0.00	0.00	.01	0.00	.01	.02	0.00	.17	.36	.21	0.00	0.00	1.01
GT 24	0	0	2	5	0	0	0	0	0	0	0	0	0	0	1	0	0	8
(1)	0.00	0.00	.06	.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.03	0.00	0.00	.22
(2)	0.00	0.00	.02	.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00	.09
ALL SPEEDS	199	128	195	149	181	171	149	155	190	228	265	214	268	553	358	163	0	3566
(1)	5.58	3.59	5.47	4.18	5.08	4.80	4.18	4.35	5.33	6.39	7.43	6.00	7.52	15.51	10.04	4.57	0.00	100.00
(2)	2.32	1.49	2.27	1.74	2.11	1.99	1.74	1.81	2.21	2.66	3.09	2.49	3.12	6.44	4.17	1.90	0.00	41.54

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

C= CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)

TABLE 2B-1
(Sheet 5 of 8)

STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 24.25

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	0.00	.05	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	.05
(2)	0.00	.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	0.00	0.00	.01
C=3	16	12	9	13	23	11	15	23	43	35	22	44	52	33	22	22	0	395
(1)	.77	.58	.43	.62	1.10	.53	.72	1.10	2.07	1.68	1.06	2.11	2.50	1.59	1.06	1.06	0.00	18.97
(2)	.19	.14	.10	.15	.27	.13	.17	.27	.50	.41	.26	.51	.61	.38	.26	.26	0.00	4.60
4=7	20	10	10	24	23	18	40	37	65	102	104	165	167	219	120	46	0	1170
(1)	.96	.48	.48	1.15	1.10	.86	1.92	1.78	3.12	4.90	5.00	7.93	8.02	10.52	5.76	2.21	0.00	56.20
(2)	.23	.12	.12	.28	.27	.21	.47	.43	.76	1.19	1.21	1.92	1.95	2.55	1.40	.54	0.00	13.63
8=12	10	6	1	2	4	8	5	14	13	24	86	94	66	87	21	5	0	446
(1)	.48	.29	.05	.10	.19	.38	.24	.67	.62	1.15	4.13	4.51	3.17	4.18	1.01	.24	0.00	21.42
(2)	.12	.07	.01	.02	.05	.09	.06	.16	.15	.28	1.00	1.10	.77	1.01	.24	.06	0.00	5.20
13=18	2	0	1	3	0	0	0	0	8	5	8	4	8	18	7	0	0	64
(1)	.10	0.00	.05	.14	0.00	0.00	0.00	0.00	.38	.24	.38	.19	.38	.86	.34	0.00	0.00	3.07
(2)	.02	0.00	.01	.03	0.00	0.00	0.00	0.00	.09	.06	.09	.05	.09	.21	.08	0.00	0.00	.75
19=24	0	0	0	0	1	0	0	0	1	0	0	0	0	4	0	0	0	6
(1)	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00	.05	0.00	0.00	0.00	0.00	.19	0.00	0.00	0.00	.29
(2)	0.00	0.00	0.00	0.00	.01	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00	.07
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
ALL SPEEDS	48	29	21	42	51	37	60	74	130	166	220	307	293	361	170	73	0	2082
(1)	2.31	1.39	1.01	2.02	2.45	1.78	2.88	3.55	6.24	7.97	10.57	14.75	14.07	17.34	8.17	3.51	0.00	100.00
(2)	.56	.34	.24	.49	.59	.43	.70	.86	1.51	1.93	2.56	3.58	3.41	4.21	1.98	.85	0.00	24.25

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

C= CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)

TABLE 2B-1
(Sheet 6 of 8)

STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 6.94

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
C-3	13	6	12	16	3	10	10	8	14	21	28	25	46	41	26	16	0	295
(1)	2.18	1.01	2.01	2.68	.50	1.68	1.68	1.34	2.35	3.52	4.70	4.19	7.72	6.88	4.36	2.68	0.00	49.50
(2)	.15	.07	.14	.19	.03	.12	.12	.09	.16	.24	.33	.29	.54	.48	.30	.19	0.00	3.44
4-7	2	1	2	1	4	1	12	4	6	18	21	46	40	88	39	9	0	294
(1)	.34	.17	.34	.17	.67	.17	2.01	.67	1.01	3.02	3.52	7.72	6.71	14.77	6.54	1.51	0.00	49.33
(2)	.02	.01	.02	.01	.05	.01	.14	.05	.07	.21	.24	.54	.47	1.03	.45	.10	0.00	3.42
8-12	0	0	0	0	0	0	0	1	0	0	1	2	1	1	1	0	0	7
(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.17	0.00	0.00	.17	.34	.17	.17	.17	0.00	0.00	1.17
(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00	.01	.02	.01	.01	.01	0.00	0.00	.08
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
ALL SPEEDS	15	7	14	17	7	11	22	13	20	39	50	73	87	130	66	25	0	596
(1)	2.52	1.17	2.35	2.85	1.17	1.85	3.69	2.18	3.36	6.54	8.39	12.25	14.60	21.81	11.07	4.19	0.00	100.00
(2)	.17	.08	.16	.20	.08	.13	.26	.15	.23	.45	.58	.85	1.01	1.51	.77	.29	0.00	6.94

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

C= CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)

TABLE 2B-1
(Sheet 7 of 8)

STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 6.14

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.19
(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01
C-3	8	11	8	12	13	2	8	6	9	3	24	59	57	91	49	19	0	379
(1)	1.52	2.09	1.52	2.28	2.47	.38	1.52	1.14	1.71	.57	4.55	11.20	10.82	17.27	9.30	3.61	0.00	71.92
(2)	.09	.13	.09	.14	.15	.02	.09	.07	.10	.03	.28	.69	.66	1.06	.57	.22	0.00	4.42
4-7	2	1	1	1	0	1	4	3	2	1	1	16	21	63	27	3	0	147
(1)	.38	.19	.19	.19	0.00	.19	.76	.57	.38	.19	.19	3.04	3.98	11.95	5.12	.57	0.00	27.89
(2)	.02	.01	.01	.01	0.00	.01	.05	.03	.02	.01	.01	.19	.24	.73	.31	.03	0.00	1.71
8-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
ALL SPEEDS	10	12	9	13	13	3	12	9	11	5	25	75	78	154	76	22	0	527
(1)	1.90	2.28	1.71	2.47	2.47	.57	2.28	1.71	2.09	.95	4.74	14.23	14.80	29.22	14.42	4.17	0.00	100.00
(2)	.12	.14	.10	.15	.15	.03	.14	.10	.13	.06	.29	.87	.91	1.79	.89	.26	0.00	6.14

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

C= CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)

TABLE 2B-1
(Sheet 8 of 8)

STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
(1)	0.00	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.02
(2)	0.00	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.02
C-3	67	55	48	80	70	50	47	65	93	77	88	145	187	210	132	95	0	1509
(1)	.78	.64	.56	.93	.82	.58	.55	.76	1.08	.90	1.03	1.69	2.18	2.45	1.54	1.11	0.00	17.58
(2)	.78	.64	.56	.93	.82	.58	.55	.76	1.08	.90	1.03	1.69	2.18	2.45	1.54	1.11	0.00	17.58
4-7	141	97	104	133	173	158	231	135	170	239	235	346	346	543	359	167	0	3577
(1)	1.64	1.13	1.21	1.55	2.02	1.84	2.69	1.57	1.98	2.78	2.74	4.03	4.03	6.33	4.18	1.95	0.00	41.67
(2)	1.64	1.13	1.21	1.55	2.02	1.84	2.69	1.57	1.98	2.78	2.74	4.03	4.03	6.33	4.18	1.95	0.00	41.67
8-12	105	61	123	80	127	134	131	94	93	169	296	232	229	438	215	67	0	2594
(1)	1.22	.71	1.43	.93	1.48	1.56	1.53	1.10	1.08	1.97	3.45	2.70	2.67	5.10	2.50	.78	0.00	30.22
(2)	1.22	.71	1.43	.93	1.48	1.56	1.53	1.10	1.08	1.97	3.45	2.70	2.67	5.10	2.50	.78	0.00	30.22
13-18	15	4	58	16	9	8	2	12	26	35	46	37	97	257	117	2	0	741
(1)	.17	.05	.68	.19	.10	.09	.02	.14	.30	.41	.54	.43	1.13	2.99	1.36	.02	0.00	8.63
(2)	.17	.05	.68	.19	.10	.09	.02	.14	.30	.41	.54	.43	1.13	2.99	1.36	.02	0.00	8.63
19-24	0	0	9	4	9	0	0	2	2	1	2	1	21	72	26	0	0	149
(1)	0.00	0.00	.10	.05	.10	0.00	0.00	.02	.02	.01	.02	.01	.24	.84	.30	0.00	0.00	1.74
(2)	0.00	0.00	.10	.05	.10	0.00	0.00	.02	.02	.01	.02	.01	.24	.84	.30	0.00	0.00	1.74
GT 24	0	0	3	5	0	0	0	0	0	0	0	0	2	1	1	0	0	12
(1)	0.00	0.00	.03	.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.02	.01	.01	0.00	0.00	.14
(2)	0.00	0.00	.03	.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.02	.01	.01	0.00	0.00	.14
ALL SPEEDS	328	218	345	318	388	350	411	308	384	522	667	761	882	1521	850	331	0	8584
(1)	3.82	2.54	4.02	3.70	4.52	4.08	4.79	3.59	4.47	6.08	7.77	8.87	10.27	17.72	9.90	3.86	0.00	100.00
(2)	3.82	2.54	4.02	3.70	4.52	4.08	4.79	3.59	4.47	6.08	7.77	8.87	10.27	17.72	9.90	3.86	0.00	100.00

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

C= CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)

TABLE 2B-2
(Sheet 1 of 8)

JOINT FREQUENCY DISTRIBUTION OF WIND SPEED, WIND DIRECTION, AND PASQUILL STABILITY CLASS (209-FOOT LEVEL)

STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 2.22

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
C-3	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	2
(1)	0.00	0.00	0.00	0.00	0.00	.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.52	0.00	0.00	0.00	1.04
(2)	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00	0.00	.02
4-7	0	1	0	3	3	1	6	1	0	1	0	0	1	0	0	0	0	17
(1)	0.00	.52	0.00	1.56	1.56	.52	3.13	.52	0.00	.52	0.00	0.00	.52	0.00	0.00	0.00	0.00	8.85
(2)	0.00	.01	0.00	.03	.03	.01	.07	.01	0.00	.01	0.00	0.00	.01	0.00	0.00	0.00	0.00	.20
8-12	3	3	1	4	6	5	14	2	0	3	1	2	5	3	7	2	0	61
(1)	1.56	1.56	.52	2.08	3.13	2.60	7.29	1.04	0.00	1.56	.52	1.04	2.60	1.56	3.65	1.04	0.00	31.77
(2)	.03	.03	.01	.05	.07	.06	.16	.02	0.00	.03	.01	.02	.06	.03	.08	.02	0.00	.71
13-18	1	2	1	0	2	0	25	13	1	2	3	2	7	17	8	0	0	84
(1)	.52	1.04	.52	0.00	1.04	0.00	13.02	6.77	.52	1.04	1.56	1.04	3.65	8.85	4.17	0.00	0.00	43.75
(2)	.01	.02	.01	0.00	.02	0.00	.29	.15	.01	.02	.03	.02	.08	.20	.09	0.00	0.00	.97
19-24	0	0	0	0	0	0	0	2	0	0	1	0	1	9	2	0	0	15
(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.00	0.00	.52	0.00	.52	4.69	1.04	0.00	0.00	7.81
(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.02	0.00	0.00	.01	0.00	.01	.10	.02	0.00	0.00	.17
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	1	12	0	0	0	13
(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.52	6.25	0.00	0.00	0.00	6.77
(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	.14	0.00	0.00	0.00	.15
ALL SPEEDS	4	6	2	7	11	7	45	18	1	6	5	4	15	42	17	2	0	192
(1)	2.08	3.13	1.04	3.65	5.73	3.65	23.44	9.37	.52	3.13	2.60	2.08	7.81	21.88	8.85	1.04	0.00	100.00
(2)	.05	.07	.02	.08	.13	.08	.52	.21	.01	.07	.06	.05	.17	.49	.20	.02	0.00	2.22

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

C= CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)

TABLE 2B-2
(Sheet 2 of 8)

STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 3.37

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
C-3	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	3
(1)	0.00	0.00	0.00	0.00	0.00	0.00	.34	0.00	.34	0.00	0.00	.34	0.00	0.00	0.00	0.00	0.00	1.03
(2)	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	.01	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00	.03
4-7	0	0	1	5	1	2	6	0	0	1	1	1	5	3	3	2	0	31
(1)	0.00	0.00	.34	1.72	.34	.69	2.06	0.00	0.00	.34	.34	.34	1.72	1.03	1.03	.69	0.00	10.65
(2)	0.00	0.00	.01	.06	.01	.02	.07	0.00	0.00	.01	.01	.01	.06	.03	.03	.02	0.00	.36
8-12	1	1	1	12	9	13	25	10	1	2	10	10	8	8	7	5	0	123
(1)	.34	.34	.34	4.12	3.09	4.47	8.59	3.44	.34	.69	3.44	3.44	2.75	2.75	2.41	1.72	0.00	42.27
(2)	.01	.01	.01	.14	.10	.15	.29	.12	.01	.02	.12	.12	.09	.09	.08	.06	0.00	1.43
13-18	1	4	4	2	0	1	6	12	2	7	10	10	13	19	15	2	0	108
(1)	.34	1.37	1.37	.69	0.00	.34	2.06	4.12	.69	2.41	3.44	3.44	4.47	6.53	5.15	.69	0.00	37.11
(2)	.01	.05	.05	.02	0.00	.01	.07	.14	.02	.08	.12	.12	.15	.22	.17	.02	0.00	1.25
19-24	0	0	0	0	0	0	2	0	0	0	2	3	2	10	2	0	0	21
(1)	0.00	0.00	0.00	0.00	0.00	0.00	.69	0.00	0.00	0.00	.69	1.03	.69	3.44	.69	0.00	0.00	7.22
(2)	0.00	0.00	0.00	0.00	0.00	0.00	.02	0.00	0.00	0.00	.02	.03	.02	.12	.02	0.00	0.00	.24
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	5
(1)	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	1.03	.69	0.00	0.00	1.72
(2)	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	.03	.02	0.00	0.00	.06
ALL SPEEDS	2	5	6	19	10	16	40	22	4	10	23	25	28	43	29	9	0	291
(1)	.69	1.72	2.06	6.53	3.44	5.50	13.75	7.56	1.37	3.44	7.90	8.59	9.62	14.78	9.97	3.09	0.00	100.00
(2)	.02	.06	.07	.22	.12	.19	.46	.25	.05	.12	.27	.29	.32	.50	.34	.10	0.00	3.37

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

C= CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)

TABLE 2B-2
(Sheet 3 of 8)

STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 7.08

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
C-3	0	0	5	4	1	0	0	0	1	0	0	3	0	0	0	0	0	14
(1)	0.00	0.00	.82	.65	.16	0.00	0.00	0.00	.16	0.00	0.00	.49	0.00	0.00	0.00	0.00	0.00	2.29
(2)	0.00	0.00	.06	.05	.01	0.00	0.00	0.00	.01	0.00	0.00	.03	0.00	0.00	0.00	0.00	0.00	.16
4-7	3	2	2	5	6	20	10	5	4	1	5	1	10	7	18	8	0	107
(1)	.49	.33	.33	.82	.98	3.27	1.64	.82	.65	.16	.82	.16	1.64	1.15	2.95	1.31	0.00	17.51
(2)	.03	.02	.02	.06	.07	.23	.12	.06	.05	.01	.06	.01	.12	.08	.21	.09	0.00	1.24
8-12	10	4	3	8	16	26	28	15	3	13	14	15	18	19	23	8	0	223
(1)	1.64	.65	.49	1.31	2.62	4.26	4.58	2.45	.49	2.13	2.29	2.45	2.95	3.11	3.76	1.31	0.00	36.50
(2)	.12	.05	.03	.09	.19	.30	.32	.17	.03	.15	.16	.17	.21	.22	.27	.09	0.00	2.58
13-18	4	1	6	5	3	1	2	13	1	5	19	14	29	48	33	0	0	184
(1)	.65	.16	.98	.82	.49	.16	.33	2.13	.16	.82	3.11	2.29	4.75	7.86	5.40	0.00	0.00	30.11
(2)	.05	.01	.07	.06	.03	.01	.02	.15	.01	.06	.22	.16	.34	.56	.38	0.00	0.00	2.13
19-24	0	1	4	0	0	0	0	0	1	1	1	3	5	30	12	0	0	58
(1)	0.00	.16	.65	0.00	0.00	0.00	0.00	0.00	.16	.16	.16	.49	.82	4.91	1.96	0.00	0.00	9.49
(2)	0.00	.01	.05	0.00	0.00	0.00	0.00	0.00	.01	.01	.01	.03	.06	.35	.14	0.00	0.00	.67
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	5	17	3	0	0	25
(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.82	2.78	.49	0.00	0.00	4.09
(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.06	.20	.03	0.00	0.00	.29
ALL SPEEDS	17	8	20	22	26	47	40	33	10	20	39	36	67	121	89	16	0	611
(1)	2.78	1.31	3.27	3.60	4.26	7.69	6.55	5.40	1.64	3.27	6.38	5.89	10.97	19.80	14.57	2.62	0.00	100.00
(2)	.20	.09	.23	.25	.30	.54	.46	.38	.12	.23	.45	.42	.78	1.40	1.03	.19	0.00	7.08

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

C= CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)

TABLE 2B-2
(Sheet 4 of 8)

STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 43.31

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
C-3	5	8	7	10	13	10	5	4	10	14	6	5	6	5	7	10	0	125
(1)	.13	.21	.19	.27	.35	.27	.13	.11	.27	.37	.16	.13	.16	.13	.19	.27	0.00	3.34
(2)	.06	.09	.08	.12	.15	.12	.06	.05	.12	.16	.07	.06	.07	.06	.08	.12	0.00	1.45
4-7	53	56	35	47	47	48	54	40	26	22	35	26	37	47	48	49	0	670
(1)	1.42	1.50	.94	1.26	1.26	1.28	1.44	1.07	.70	.59	.94	.70	.99	1.26	1.28	1.31	0.00	17.92
(2)	.61	.65	.41	.54	.54	.56	.63	.46	.30	.25	.41	.30	.43	.54	.56	.57	0.00	7.76
8-12	101	82	68	53	46	83	59	73	86	107	139	78	78	121	128	70	0	1372
(1)	2.70	2.19	1.82	1.42	1.23	2.22	1.58	1.95	2.30	2.86	3.72	2.09	2.09	3.24	3.42	1.87	0.00	36.70
(2)	1.17	.95	.79	.61	.53	.96	.68	.85	1.00	1.24	1.61	.90	.90	1.40	1.48	.81	0.00	15.90
13-18	52	46	66	14	15	16	10	37	33	76	120	75	99	251	121	18	0	1049
(1)	1.39	1.23	1.77	.37	.40	.43	.27	.99	.88	2.03	3.21	2.01	2.65	6.71	3.24	.48	0.00	28.06
(2)	.60	.53	.76	.16	.17	.19	.12	.43	.38	.88	1.39	.87	1.15	2.91	1.40	.21	0.00	12.15
19-24	23	19	24	5	9	4	5	13	11	10	15	18	54	113	56	0	0	379
(1)	.62	.51	.64	.13	.24	.11	.13	.35	.29	.27	.40	.48	1.44	3.02	1.50	0.00	0.00	10.14
(2)	.27	.22	.28	.06	.10	.05	.06	.15	.13	.12	.17	.21	.63	1.31	.65	0.00	0.00	4.39
GT 24	0	3	9	7	6	0	1	5	3	3	5	3	27	44	27	0	0	143
(1)	0.00	.08	.24	.19	.16	0.00	.03	.13	.08	.08	.13	.08	.72	1.18	.72	0.00	0.00	3.83
(2)	0.00	.03	.10	.08	.07	0.00	.01	.06	.03	.03	.06	.03	.31	.51	.31	0.00	0.00	1.66
ALL SPEEDS	234	214	209	136	136	161	134	172	169	232	320	205	301	581	387	147	0	3738
(1)	6.26	5.72	5.59	3.64	3.64	4.31	3.58	4.60	4.52	6.21	8.56	5.48	8.05	15.54	10.35	3.93	0.00	100.00
(2)	2.71	2.48	2.42	1.58	1.58	1.87	1.55	1.99	1.96	2.69	3.71	2.38	3.49	6.73	4.48	1.70	0.00	43.31

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

C= CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)

TABLE 2B-2
(Sheet 5 of 8)

STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 30.38

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	3
(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.04	.04	0.00	0.00	0.00	0.00	0.00	0.00	.04	0.00	.11
(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	.01	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	.03
C-3	5	6	9	9	9	10	12	6	8	5	7	6	4	6	9	6	0	117
(1)	.19	.23	.34	.34	.34	.38	.46	.23	.31	.19	.27	.23	.15	.23	.34	.23	0.00	4.46
(2)	.06	.07	.10	.10	.10	.12	.14	.07	.09	.06	.08	.07	.05	.07	.10	.07	0.00	1.36
4-7	25	24	22	26	30	33	29	29	33	42	32	16	22	31	31	15	0	440
(1)	.95	.92	.84	.99	1.14	1.26	1.11	1.11	1.26	1.60	1.22	.61	.84	1.18	1.18	.57	0.00	16.78
(2)	.29	.28	.25	.30	.35	.38	.34	.34	.38	.49	.37	.19	.25	.36	.36	.17	0.00	5.10
8-12	40	41	32	18	24	16	31	64	83	115	137	114	104	145	141	57	0	1162
(1)	1.53	1.56	1.22	.69	.92	.61	1.18	2.44	3.17	4.39	5.23	4.35	3.97	5.53	5.38	2.17	0.00	44.32
(2)	.46	.48	.37	.21	.28	.19	.36	.74	.96	1.33	1.59	1.32	1.20	1.68	1.63	.66	0.00	13.46
13-18	26	23	8	3	2	8	17	32	40	37	112	141	116	140	76	13	0	794
(1)	.99	.88	.31	.11	.08	.31	.65	1.22	1.53	1.41	4.27	5.38	4.42	5.34	2.90	.50	0.00	30.28
(2)	.30	.27	.09	.03	.02	.09	.20	.37	.46	.43	1.30	1.63	1.34	1.62	.88	.15	0.00	9.20
19-24	2	2	2	3	0	0	5	19	6	6	6	8	8	19	7	0	0	93
(1)	.08	.08	.08	.11	0.00	0.00	.19	.72	.23	.23	.23	.31	.31	.72	.27	0.00	0.00	3.55
(2)	.02	.02	.02	.03	0.00	0.00	.06	.22	.07	.07	.07	.09	.09	.22	.08	0.00	0.00	1.08
GT 24	0	0	2	1	0	0	0	1	0	0	0	0	3	4	2	0	0	13
(1)	0.00	0.00	.08	.04	0.00	0.00	0.00	.04	0.00	0.00	0.00	0.00	.11	.15	.08	0.00	0.00	.50
(2)	0.00	0.00	.02	.01	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00	.03	.05	.02	0.00	0.00	.15
ALL SPEEDS	98	96	75	60	65	67	94	152	171	205	294	285	257	345	266	92	0	2622
(1)	3.74	3.66	2.86	2.29	2.48	2.56	3.59	5.80	6.52	7.82	11.21	10.87	9.80	13.16	10.14	3.51	0.00	100.00
(2)	1.14	1.11	.87	.70	.75	.78	1.09	1.76	1.98	2.38	3.41	3.30	2.98	4.00	3.08	1.07	0.00	30.38

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

C= CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)

TABLE 2B-2
(Sheet 6 of 8)

STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 7.76

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.15	0.00	0.00	0.00	0.00	0.00	.15
(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	0.00	0.00	0.00	0.00	0.00	.01
C-3	5	2	6	6	5	3	6	4	3	2	8	4	2	2	1	0	0	59
(1)	.75	.30	.90	.90	.75	.45	.90	.60	.45	.30	1.19	.60	.30	.30	.15	0.00	0.00	8.81
(2)	.06	.02	.07	.07	.06	.03	.07	.05	.03	.02	.09	.05	.02	.02	.01	0.00	0.00	.68
4-7	11	11	8	8	3	5	5	13	26	17	14	11	8	13	10	11	0	174
(1)	1.64	1.64	1.19	1.19	.45	.75	.75	1.94	3.88	2.54	2.09	1.64	1.19	1.94	1.49	1.64	0.00	25.97
(2)	.13	.13	.09	.09	.03	.06	.06	.15	.30	.20	.16	.13	.09	.15	.12	.13	0.00	2.02
8-12	13	5	6	4	0	0	1	10	32	33	27	23	30	42	37	21	0	284
(1)	1.94	.75	.90	.60	0.00	0.00	.15	1.49	4.78	4.93	4.03	3.43	4.48	6.27	5.52	3.13	0.00	42.39
(2)	.15	.06	.07	.05	0.00	0.00	.01	.12	.37	.38	.31	.27	.35	.49	.43	.24	0.00	3.29
13-18	3	3	0	0	0	0	0	2	8	12	15	22	18	23	39	7	0	152
(1)	.45	.45	0.00	0.00	0.00	0.00	0.00	.30	1.19	1.79	2.24	3.28	2.69	3.43	5.82	1.04	0.00	22.69
(2)	.03	.03	0.00	0.00	0.00	0.00	0.00	.02	.09	.14	.17	.25	.21	.27	.45	.08	0.00	1.76
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
ALL SPEEDS	32	21	20	18	8	8	12	29	69	64	64	61	58	80	87	39	0	670
(1)	4.78	3.13	2.99	2.69	1.19	1.19	1.79	4.33	10.30	9.55	9.55	9.10	8.66	11.94	12.99	5.82	0.00	100.00
(2)	.37	.24	.23	.21	.09	.09	.14	.34	.80	.74	.74	.71	.67	.93	1.01	.45	0.00	7.76

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

C= CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)

TABLE 2B-2
(Sheet 7 of 8)

STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 5.87

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
(1)	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	.20	0.00	.20
(2)	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	.01	0.00	.01
C-3	3	7	4	3	2	2	4	2	3	3	5	7	3	4	4	6	0	62
(1)	.59	1.38	.79	.59	.39	.39	.79	.39	.59	.59	.99	1.38	.59	.79	.79	1.18	0.00	12.23
(2)	.03	.08	.05	.03	.02	.02	.05	.02	.03	.03	.06	.08	.03	.05	.05	.07	0.00	.72
4-7	12	7	10	7	5	0	1	8	14	19	13	21	12	12	11	7	0	159
(1)	2.37	1.38	1.97	1.38	.99	0.00	.20	1.58	2.76	3.75	2.56	4.14	2.37	2.37	2.17	1.38	0.00	31.36
(2)	.14	.08	.12	.08	.06	0.00	.01	.09	.16	.22	.15	.24	.14	.14	.13	.08	0.00	1.84
8-12	18	6	9	0	1	0	1	3	17	18	28	14	19	30	29	17	0	210
(1)	3.55	1.18	1.78	0.00	.20	0.00	.20	.59	3.35	3.55	5.52	2.76	3.75	5.92	5.72	3.35	0.00	41.42
(2)	.21	.07	.10	0.00	.01	0.00	.01	.03	.20	.21	.32	.16	.22	.35	.34	.20	0.00	2.43
13-18	2	3	0	0	0	0	0	2	2	2	9	5	4	21	18	7	0	75
(1)	.39	.59	0.00	0.00	0.00	0.00	0.00	.39	.39	.39	1.78	.99	.79	4.14	3.55	1.38	0.00	14.79
(2)	.02	.03	0.00	0.00	0.00	0.00	0.00	.02	.02	.02	.10	.06	.05	.24	.21	.08	0.00	.87
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	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	0.00
(2)	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	0.00
ALL SPEEDS	35	23	23	10	8	2	6	15	36	42	55	47	38	67	62	38	0	507
(1)	6.90	4.54	4.54	1.97	1.58	.39	1.18	2.96	7.10	8.28	10.85	9.27	7.50	13.21	12.23	7.50	0.00	100.00
(2)	.41	.27	.27	.12	.09	.02	.07	.17	.42	.49	.64	.54	.44	.78	.72	.44	0.00	5.87

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

C= CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)

TABLE 2B-2
(Sheet 8 of 8)

STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	2	0	5
(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	.01	0.00	0.00	.01	0.00	0.00	0.00	.02	0.00	.06
(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.01	.01	0.00	0.00	.01	0.00	0.00	0.00	.02	0.00	.06
C-3	18	23	31	32	30	26	28	16	26	24	26	26	15	18	21	22	0	382
(1)	.21	.27	.36	.37	.35	.30	.32	.19	.30	.28	.30	.30	.17	.21	.24	.25	0.00	4.43
(2)	.21	.27	.36	.37	.35	.30	.32	.19	.30	.28	.30	.30	.17	.21	.24	.25	0.00	4.43
4-7	104	101	78	101	95	109	111	96	103	103	100	76	95	113	121	92	0	1598
(1)	1.20	1.17	.90	1.17	1.10	1.26	1.29	1.11	1.19	1.19	1.16	.88	1.10	1.31	1.40	1.07	0.00	18.51
(2)	1.20	1.17	.90	1.17	1.10	1.26	1.29	1.11	1.19	1.19	1.16	.88	1.10	1.31	1.40	1.07	0.00	18.51
8-12	186	142	120	99	102	143	159	177	222	291	356	256	262	368	372	180	0	3435
(1)	2.16	1.65	1.39	1.15	1.18	1.66	1.84	2.05	2.57	3.37	4.12	2.97	3.04	4.26	4.31	2.09	0.00	39.80
(2)	2.16	1.65	1.39	1.15	1.18	1.66	1.84	2.05	2.57	3.37	4.12	2.97	3.04	4.26	4.31	2.09	0.00	39.80
13-18	89	82	85	24	22	26	60	111	87	141	288	269	286	519	310	47	0	2446
(1)	1.03	.95	.98	.28	.25	.30	.70	1.29	1.01	1.63	3.34	3.12	3.31	6.01	3.59	.54	0.00	28.34
(2)	1.03	.95	.98	.28	.25	.30	.70	1.29	1.01	1.63	3.34	3.12	3.31	6.01	3.59	.54	0.00	28.34
19-24	25	22	30	8	9	4	12	34	18	17	25	32	70	181	79	0	0	566
(1)	.29	.25	.35	.09	.10	.05	.14	.39	.21	.20	.29	.37	.81	2.10	.92	0.00	0.00	6.56
(2)	.29	.25	.35	.09	.10	.05	.14	.39	.21	.20	.29	.37	.81	2.10	.92	0.00	0.00	6.56
GT 24	0	3	11	8	6	0	1	6	3	3	5	3	36	80	34	0	0	199
(1)	0.00	.03	.13	.09	.07	0.00	.01	.07	.03	.03	.06	.03	.42	.93	.39	0.00	0.00	2.31
(2)	0.00	.03	.13	.09	.07	0.00	.01	.07	.03	.03	.06	.03	.42	.93	.39	0.00	0.00	2.31
ALL SPEEDS	422	373	355	272	264	308	371	441	460	579	800	663	764	1279	937	343	0	8631
(1)	4.89	4.32	4.11	3.15	3.06	3.57	4.30	5.11	5.33	6.71	9.27	7.68	8.85	14.82	10.86	3.97	0.00	100.00
(2)	4.89	4.32	4.11	3.15	3.06	3.57	4.30	5.11	5.33	6.71	9.27	7.68	8.85	14.82	10.86	3.97	0.00	100.00

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

C= CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)

TABLE 2B-3

WIND DIRECTION PERSISTENCE SUMMARY (43-FOOT LEVEL)

43.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																								
DIRECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
N	115	35	7	8	3	2	1	0	0	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	175
	66	86	90	94	96	97	98	98	98	98	99	99	99	99	99	99	99	99	99	100	0	0	0	0	0	
NNE	118	22	10	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	157
	75	89	96	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NE	89	17	10	9	4	5	2	3	2	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	145
	61	73	80	86	89	92	94	96	97	98	99	99	99	99	99	99	99	99	100	0	0	0	0	0	0	
ENE	100	37	16	8	5	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	171
	58	80	89	94	97	98	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	114	37	22	9	8	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	199
	57	76	87	91	95	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	141	44	14	4	3	3	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	213
	66	87	93	95	97	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	155	60	14	8	8	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	249
	62	86	92	95	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	157	39	10	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	214
	73	92	96	97	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	161	46	15	10	5	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	240
	67	86	92	97	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	174	55	22	15	5	6	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	283
	61	81	89	94	96	98	98	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
SW	175	60	29	20	12	6	3	0	3	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	313
	56	75	84	91	95	96	97	97	98	99	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	
WSW	215	75	33	18	12	4	4	2	4	4	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	373
	58	78	87	91	95	96	97	97	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	
W	308	88	41	21	14	8	5	2	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	490
	63	81	89	93	96	98	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	
WNW	322	127	57	35	24	13	11	8	9	4	3	2	0	3	1	2	1	0	0	0	0	1	0	0	0	623
	52	72	81	87	91	93	95	96	97	98	98	99	99	99	99	100	100	100	100	100	100	100	0	0	0	
NW	274	100	45	22	12	6	3	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	467
	59	80	90	94	97	98	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNW	158	33	16	9	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	219
	72	87	95	99	99	99	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2776	875	361	204	119	63	41	22	27	12	8	5	5	4	1	2	1	2	1	1	0	1	0	0	0	4531

TABLE 2B-4

WIND PERSISTENCE SUMMARY (209-FOOT LEVEL)

NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

DIRECTION PERSISTENCE (HOURS)

DIRECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
N	133	25	24	11	5	0	5	1	2	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	209
	64	76	87	92	95	95	97	98	99	99	99	99	99	99	99	100	100	0	0	0	0	0	0	0	0	
NNE	137	37	17	8	7	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	213
	64	82	90	93	97	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NE	95	28	15	10	7	7	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167
	57	74	83	89	93	97	98	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	84	31	10	11	6	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	144
	58	80	87	94	99	99	99	99	99	99	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	
E	93	36	10	6	1	2	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	152
	61	85	91	95	96	97	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	103	33	15	7	4	2	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	168
	61	81	90	94	96	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	93	50	25	12	5	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	190
	49	75	88	95	97	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	116	49	28	9	8	1	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	218
	53	76	89	93	96	97	98	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
S	131	52	29	11	1	4	2	1	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	235
	56	78	90	95	95	97	98	98	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	170	66	30	14	11	8	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	303
	56	78	88	92	96	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SW	154	64	41	18	13	8	5	2	4	2	4	1	0	0	0	0	0	0	1	0	0	0	0	0	1*	318
	48	69	81	87	91	94	95	96	97	98	99	99	99	99	99	99	99	99	100	100	100	100	100	100	100	
WSW	166	49	36	20	13	3	1	6	3	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	301
	55	71	83	90	94	95	96	98	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	
W	174	70	42	28	11	10	5	3	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	346
	50	71	83	91	94	97	98	99	99	99	99	99	99	100	100	100	100	0	0	0	0	0	0	0	0	
WNW	207	104	33	30	12	14	12	7	10	4	4	1	2	1	2	4	0	0	1	0	0	0	0	1	0	449
	46	69	77	83	86	89	92	93	96	96	97	98	98	98	99	100	100	100	100	100	100	100	100	100	0	
NW	189	79	48	30	14	9	9	5	4	3	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	393
	48	68	80	88	92	94	96	97	98	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	
NNW	118	48	22	7	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	202
	58	82	93	97	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2163	821	425	232	121	76	53	33	30	14	14	4	3	4	3	6	2	0	2	0	0	0	0	1	1	4008

* THIS OCCURANCE LASTED 29 HOURS

TABLE 2B-5

INVERSION PERSISTENCE SUMMARY
(43-150 FOOT DELTA-T)

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	143	32.72
2	66	47.83
3	30	54.69
4	23	59.95
5	23	65.22
6	20	69.79
7	18	73.91
8	14	77.12
9	22	82.15
10	15	85.58
11	22	90.62
12	9	92.68
13	14	95.88
14	3	96.57
15	8	98.40
16	4	99.31
17	3	100.00

THE LONGEST INVERSION LASTED 17 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 16 HOURS INTO DAY 234
NUMBER 2 STARTED 16 HOURS INTO DAY 267
NUMBER 3 STARTED 16 HOURS INTO DAY 275

THIRD COLUMN DEFINES THE PERCENT PROBABILITY
THAT IF AN INVERSION OCCURS, ITS DURATION
WILL BE LESS THAN THE NUMBER OF HOURS SPECIFIED

TABLE 2B-6

INVERSION PERSISTENCE SUMMARY
(43-209 FOOT DELTA-T)

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	163	33.20
2	61	45.62
3	40	53.77
4	29	59.67
5	30	65.78
6	17	69.25
7	25	74.34
8	10	76.37
9	22	80.86
10	19	84.73
11	27	90.22
12	13	92.87
13	15	95.93
14	9	97.76
15	4	98.57
16	5	99.59
17	2	100.00

THE LONGEST INVERSION LASTED 17 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 17 HOURS INTO DAY 199
NUMBER 2 STARTED 16 HOURS INTO DAY 234

THIRD COLUMN DEFINES THE PERCENT PROBABILITY
THAT IF AN INVERSION OCCURS, ITS DURATION
WILL BE LESS THAN THE NUMBER OF HOURS SPECIFIED

TABLE 2B-7

TEMPERATURE AVERAGES AND EXTREMES

(Values in ^{o}F)

Month	Average	Maximum	Minimum
Apr 1979	43.4	70.0	28.6
May	56.6	92.1	39.6
Jun	63.7	89.6	43.6
Jul	69.5	89.1	47.2
Aug	66.3	87.6	47.7
Sep	60.1	83.0	34.7
Oct	50.0	82.1	29.9
Nov	46.0	70.3	26.5
Dec	33.3	64.3	0.0
Jan 1980	26.9	57.8	6.4
Feb	24.2	48.2	5.6
Mar	34.2	58.7	1.9
Apr 1979 - Mar 1980	47.8	92.1	0.0

TABLE 2B-8

DEW POINT AVERAGES AND EXTREMES

(Values in ^{o}F)

Month	Average	Maximum	Minimum
Apr 1979	(a)	(a)	(a)
May	50.5	64.1	28.5
Jun	53.2	68.1	31.6
Jul	57.5	67.7	38.0
Aug	64.3	73.0	44.1
Sep	55.2	70.6	39.4
Oct	38.8	62.5	21.1
Nov	37.6	63.3	7.1
Dec	24.7	49.7	-5.6
Jan 1980	15.1	55.5	-11.0
Feb	12.4	34.3	-8.7
Mar	24.3	52.6	-7.5
Apr 1979 - Mar 1980	35.4	73.0	-11.0

(a)Collection of onsite dew point data did not begin until May 1979.

TABLE 2B-9

PRECIPITATION TOTALS

(Values in Inches of Water)

Month	Total Precipitation
Apr 1979	2.69
May	3.47
Jun	0.71
Jul	2.87
Aug	3.87
Sep	3.75
Oct	4.75
Nov	3.33
Dec	1.59
Jan 1980	0.38
Feb	0.69
Mar	4.30
12-Month Average	32.40

TABLE 2B-10

METEOROLOGICAL DATA RECOVERY RATES

Parameter	Possible Hours	Usable Hours	Recovery Rate
43 Foot Wind Speed	8784	8683	98.8%
209 Foot Wind Speed	8784	8663	98.6%
43 Foot Wind Direction	8784	8654	98.5%
209 Foot Wind Direction	8784	8677	98.8%
43 Foot Temperature	8784	8679	98.8%
43-150 Foot Delta Temp	8784	8619	98.1%
43-209 Foot Delta Temp	8784	8661	98.6%
43 Foot Dew Point	7920[a]	5573	79.2%[b]
Precipitation	8784	8513	96.9%
Solar Radiation	8784	8689	98.9%
Composite (43' WS, 43' WD, 43-150' DT)	8784	8584	97.7%
Composite (209' WS, 209' WD, 43-209' DT)	8784	8631	98.3%

[a] Collection of Dew Point data began on May 7, 1979.

[b] This figure includes the time period May 7, 1979 through March 31, 1980.

TABLE 2B-11
(Sheet 1 of 2)

STABILITY PERSISTENCE SUMMARY
APRIL 1979-MARCH 1980

a. 43-150 Foot Delta-Temperature

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	111	51	31	12	13	3	7	2	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	236
	47	69	82	87	92	94	97	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	297	100	47	22	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	476
	62	83	93	98	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	319	55	10	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	388
	82	96	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	333	180	136	70	36	34	32	13	14	15	8	16	9	8	3	5	5	5	2	2	2	1	3	0	5[a]	937
	36	55	69	77	81	84	88	89	91	92	93	95	96	96	97	97	98	98	99	99	99	99	99	99	100	
E	322	133	73	46	32	20	17	13	19	9	9	0	8	3	2	0	2	1	0	0	0	0	0	0	0	709
	45	64	74	81	85	88	91	93	95	96	98	98	99	99	100	100	100	100	0	0	0	0	0	0	0	
F	210	76	24	11	13	1	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	341
	62	84	91	94	98	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	61	33	12	12	6	11	9	4	3	3	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	160
	38	59	66	74	78	84	90	93	94	96	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	1653	628	333	177	108	71	67	35	40	29	22	18	17	11	5	5	7	6	2	2	2	1	3	0	5	3247

[a] Of these 5 occurences of D stability which persisted over 24 hours:

- one lasted 28 hours
- one lasted 32 hours
- one lasted 33 hours
- one lasted 40 hours
- one lasted 44 hours

TABLE 2B-11
(Sheet 2 of 2)

b. 43-209 Foot Delta-Temperature

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY PERSISTENCE (HOURS)

STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	59	22	2	5	2	2	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	97
	61	84	86	91	93	95	96	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	141	42	15	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	203
	69	90	98	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	233	90	34	19	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	380
	61	85	94	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	265	165	123	75	44	38	25	17	17	8	13	14	5	6	7	5	3	2	5	2	3	1	0	1	12[a]	854
	31	50	65	73	79	83	86	88	90	91	92	94	95	95	96	97	97	97	98	98	98	98	98	99	100	
E	276	157	68	58	50	35	15	18	19	18	9	3	5	9	5	1	1	1	0	1	2	1	0	0	0	752
	37	58	67	74	81	86	88	90	93	95	96	97	97	98	99	99	99	99	99	100	100	100	0	0	0	
F	185	68	38	18	10	6	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	350
	53	73	89	94	97	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	44	19	15	9	7	11	10	3	4	0	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	132
	33	48	59	66	71	80	87	89	92	92	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	1203	583	295	188	118	92	55	40	43	26	29	20	10	15	12	6	4	3	5	3	5	2	0	1	12	2770

[a] Of these 12 occurences of D stability which persisted over 24 hours:

- o two lasted 25 hours
- o two lasted 26 hours
- o one lasted 27 hours
- o one lasted 28 hours
- o two lasted 32 hours
- o one lasted 36 hours
- o two lasted 44 hours
- o one lasted 46 hours

TABLE 2B-12
(Sheet 1 of 2)

STABILITY PERSISTENCE SUMMARY
JUNE 1980-MAY 1981

a. 43-150 Foot Delta-Temperature

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	99	49	36	23	26	16	19	14	6	5	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	300
	33	49	61	69	78	83	89	94	96	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	311	105	32	16	5	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	474
	66	88	95	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	251	56	19	6	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	337
	74	91	97	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	324	154	79	51	46	27	21	17	15	14	17	9	10	14	7	6	6	2	1	8	2	0	2	1	8 (a)	841
	39	57	66	72	78	81	83	85	87	89	91	92	93	95	96	96	97	97	98	98	99	99	99	99	100	
E	313	120	63	41	32	24	10	3	4	4	5	0	1	0	0	1	0	0	0	0	0	0	0	0	0	621
	50	70	80	86	92	95	97	98	98	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	
F	210	75	31	17	5	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	343
	61	83	92	97	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	69	27	14	14	10	12	6	3	8	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	168
	41	57	65	74	80	87	90	92	97	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	1577	586	274	168	127	83	62	39	33	25	29	11	12	14	7	7	6	2	1	8	2	0	2	1	8	3084

(a) Of these 8 occurences of D stability which persisted over 24 hours:

- o one lasted 25 hours
- o one lasted 27 hours
- o one lasted 28 hours
- o one lasted 30 hours
- o one lasted 35 hours
- o one lasted 36 hours
- o one lasted 41 hours
- o one lasted 50 hours

TABLE 2B-12
(Sheet 2 of 2)

b. 43-209 Foot Delta-Temperature

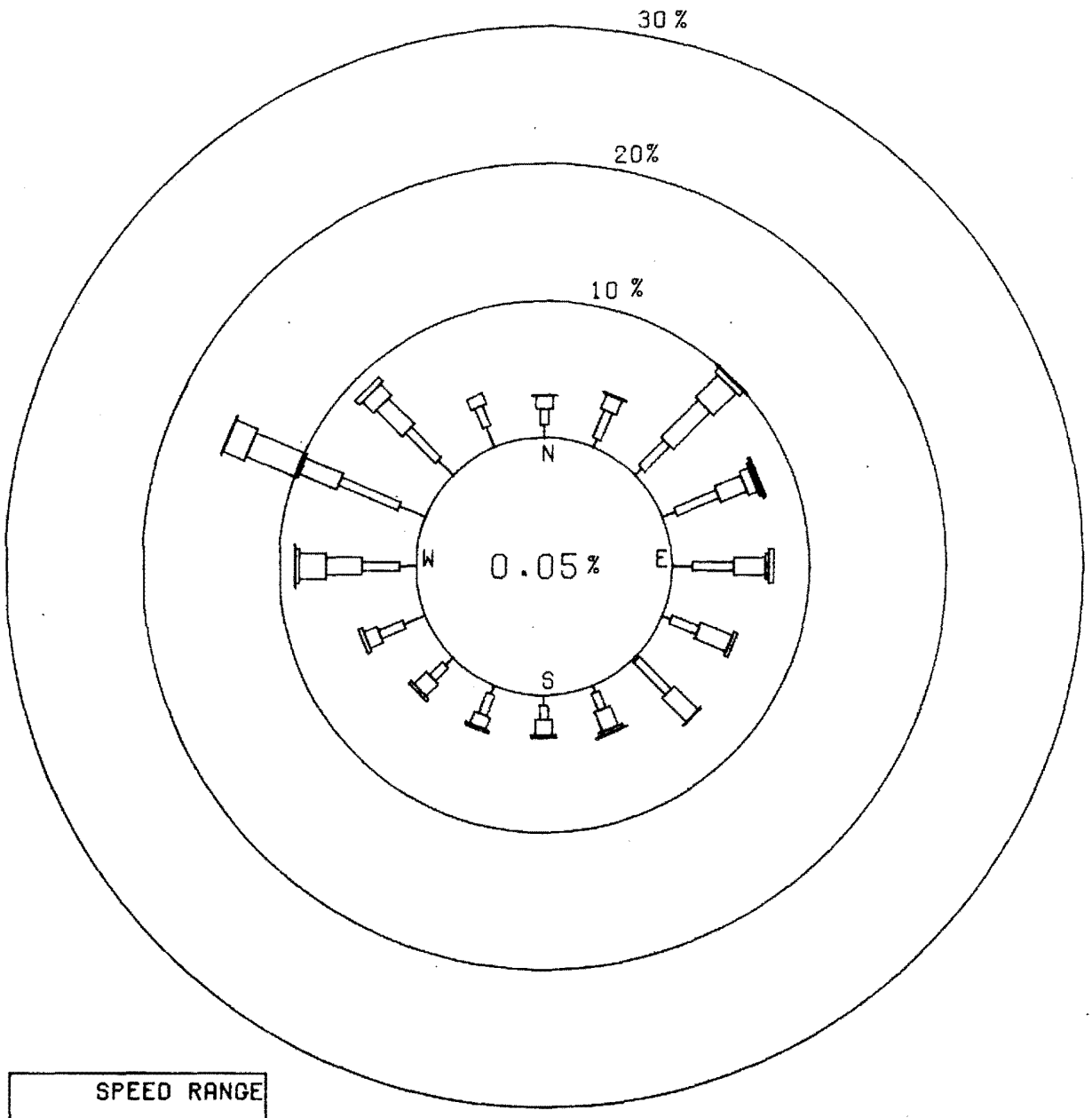
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

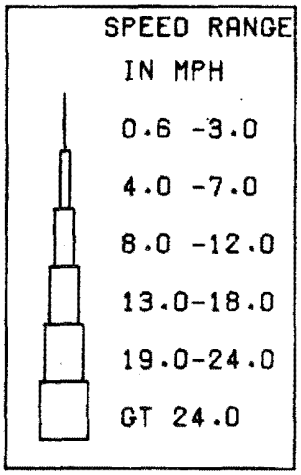
	STABILITY PERSISTENCE (HOURS)																									
TABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	70	33	14	9	11	5	5	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	156
	45	66	75	81	88	91	94	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	195	67	26	11	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	302
	65	87	95	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	281	78	23	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	389
	72	92	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	259	140	101	57	35	22	21	23	21	12	12	10	12	6	8	10	4	6	4	4	1	1	3	1	15[a]	788
	33	51	63	71	75	78	81	84	86	88	89	90	92	93	94	95	96	96	97	97	97	98	98	98	100	
E	302	142	79	55	39	24	18	8	12	10	5	1	8	5	0	1	0	0	0	0	1	0	0	0	0	710
	43	63	74	81	87	90	93	94	96	97	98	98	99	100	100	100	100	100	100	100	100	0	0	0	0	
F	205	82	42	23	11	3	5	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	374
	55	77	88	94	97	98	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	49	21	25	10	9	11	5	2	10	5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	150
	33	47	63	70	76	83	87	88	95	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	1361	563	310	169	110	66	54	41	45	28	19	12	21	11	8	11	4	6	4	4	2	1	3	1	15	2869

[a] Of these 15 occurences of D stability which persisted over 24 hours:

- o three lasted 25 hours
- o three lasted 27 hours
- o one lasted 28 hours
- o one lasted 29 hours
- o one lasted 31 hours
- o one lasted 33 hours
- o one lasted 36 hours
- o one lasted 42 hours
- o one lasted 45 hours
- o one lasted 46 hours
- o one lasted 50 hours

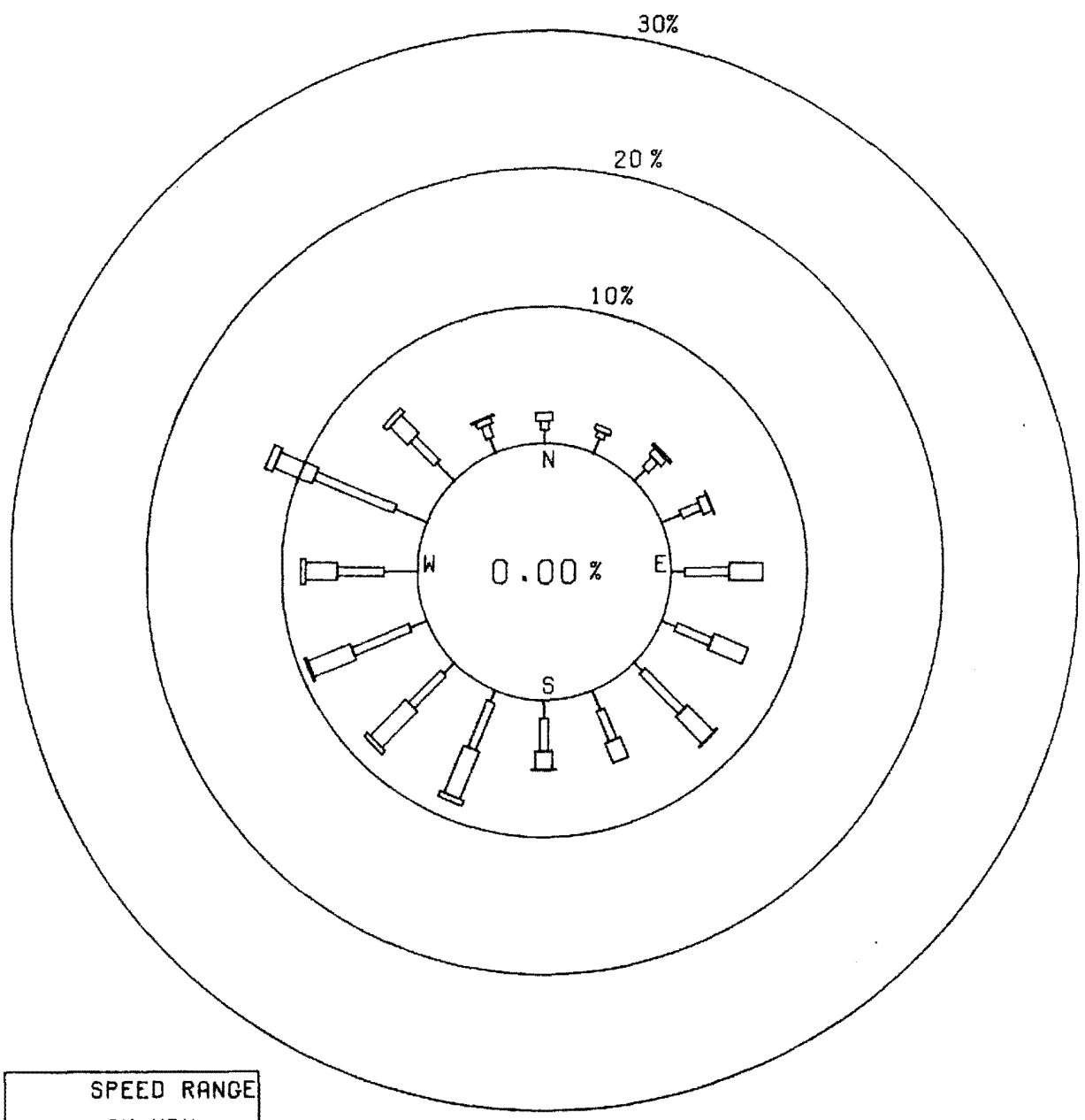
STABILITY CLASS ALL





SPRING WIND ROSE (43 - FOOT LEVEL)
APRIL 1979-MAY 1979; MARCH 1980

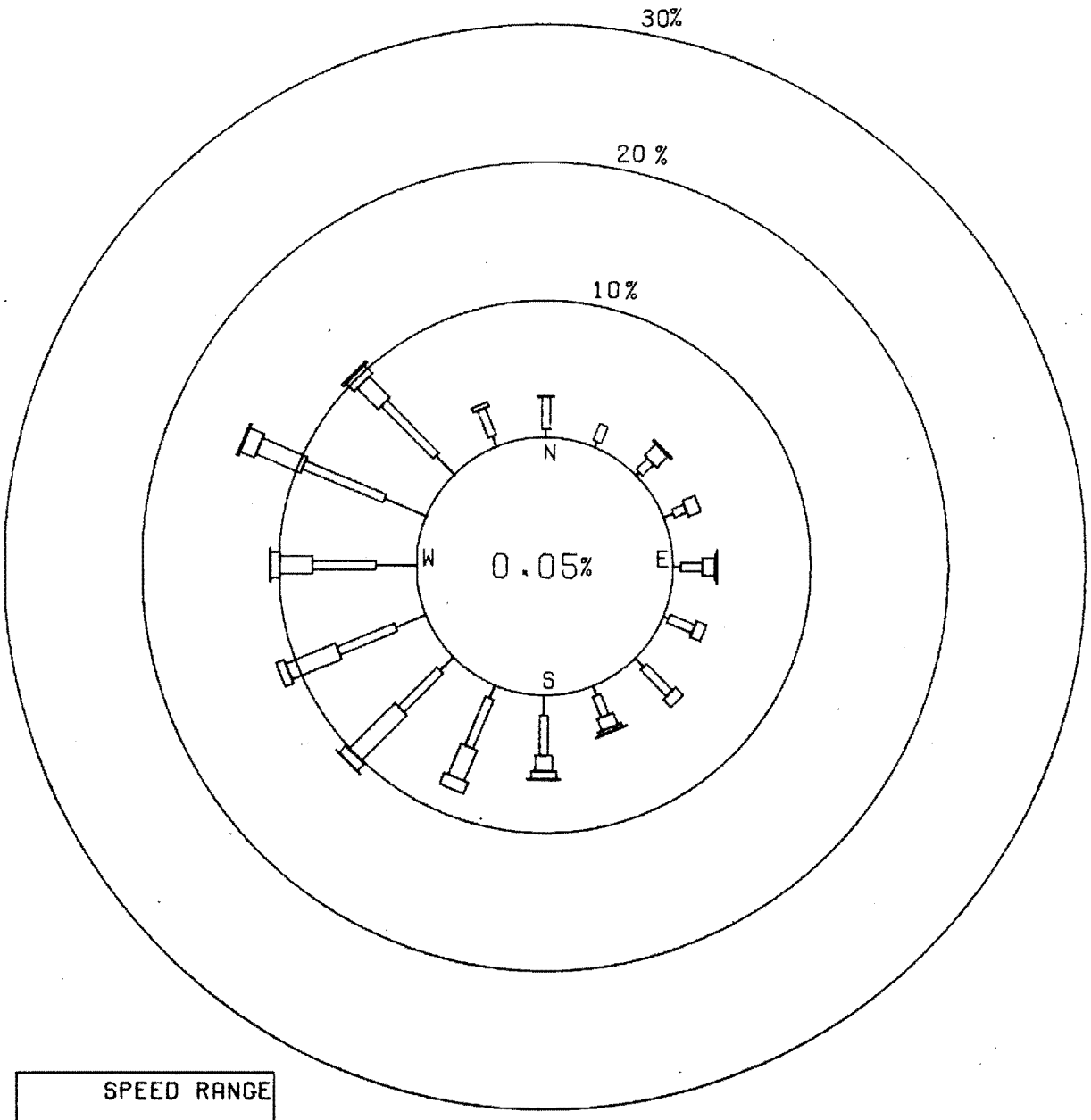
FIGURE 2B-1

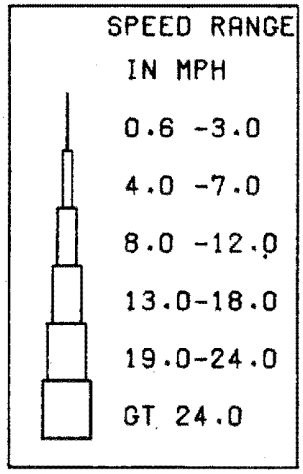


SUMMER WIND ROSE (43 - FOOT LEVEL)
JUNE 1979 - AUGUST 1979

FIGURE 2B-2

STABILITY CLASS ALL

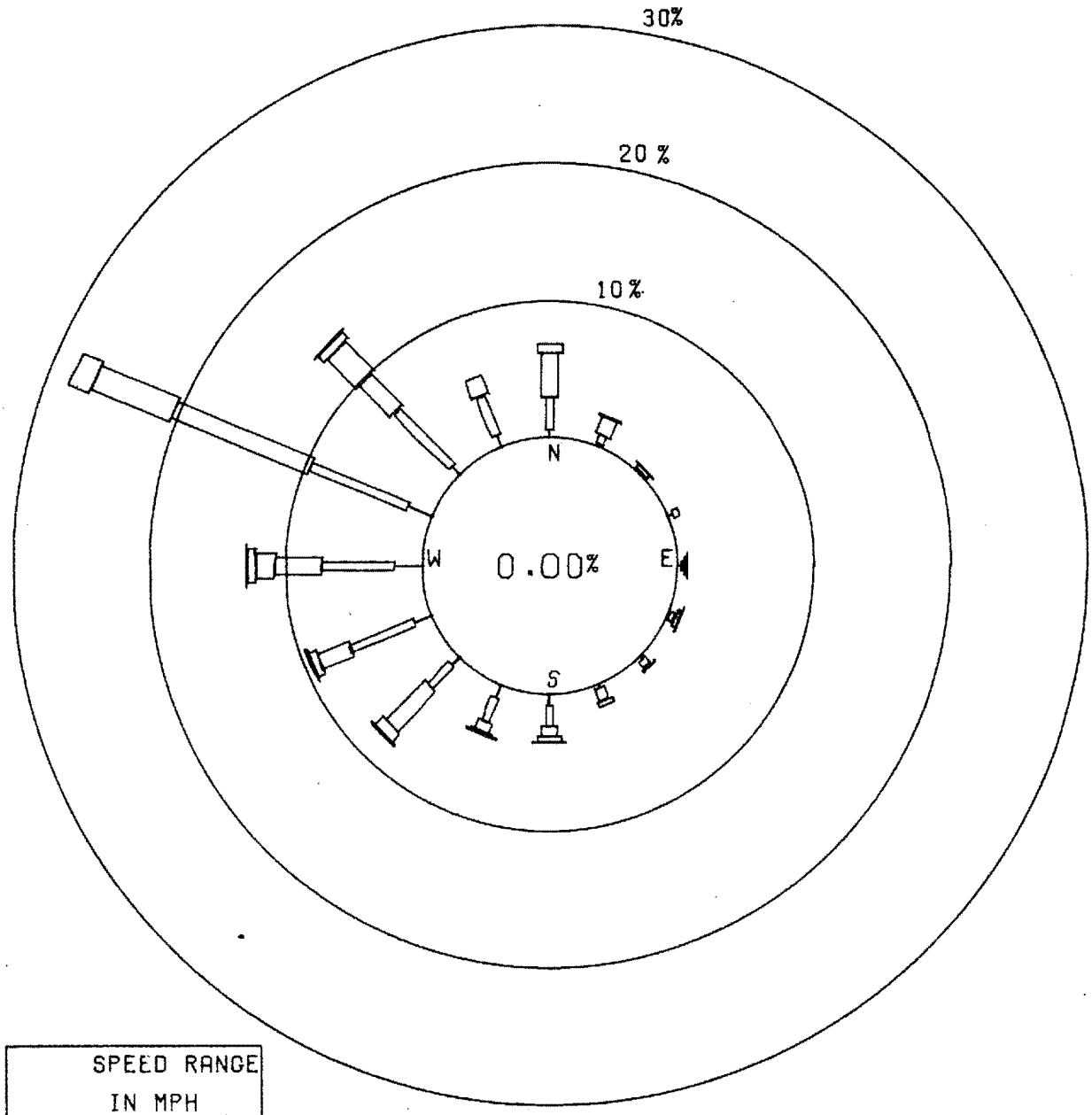


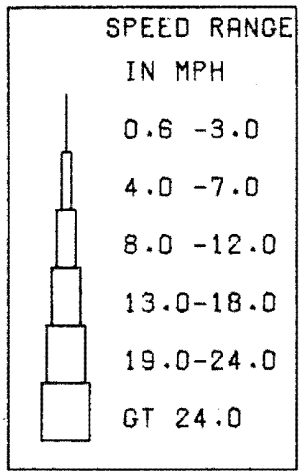


AUTUMN WIND ROSE (43 - FOOT LEVEL)
SEPTEMBER 1979 - NOVEMBER 1979

FIGURE 2B-3

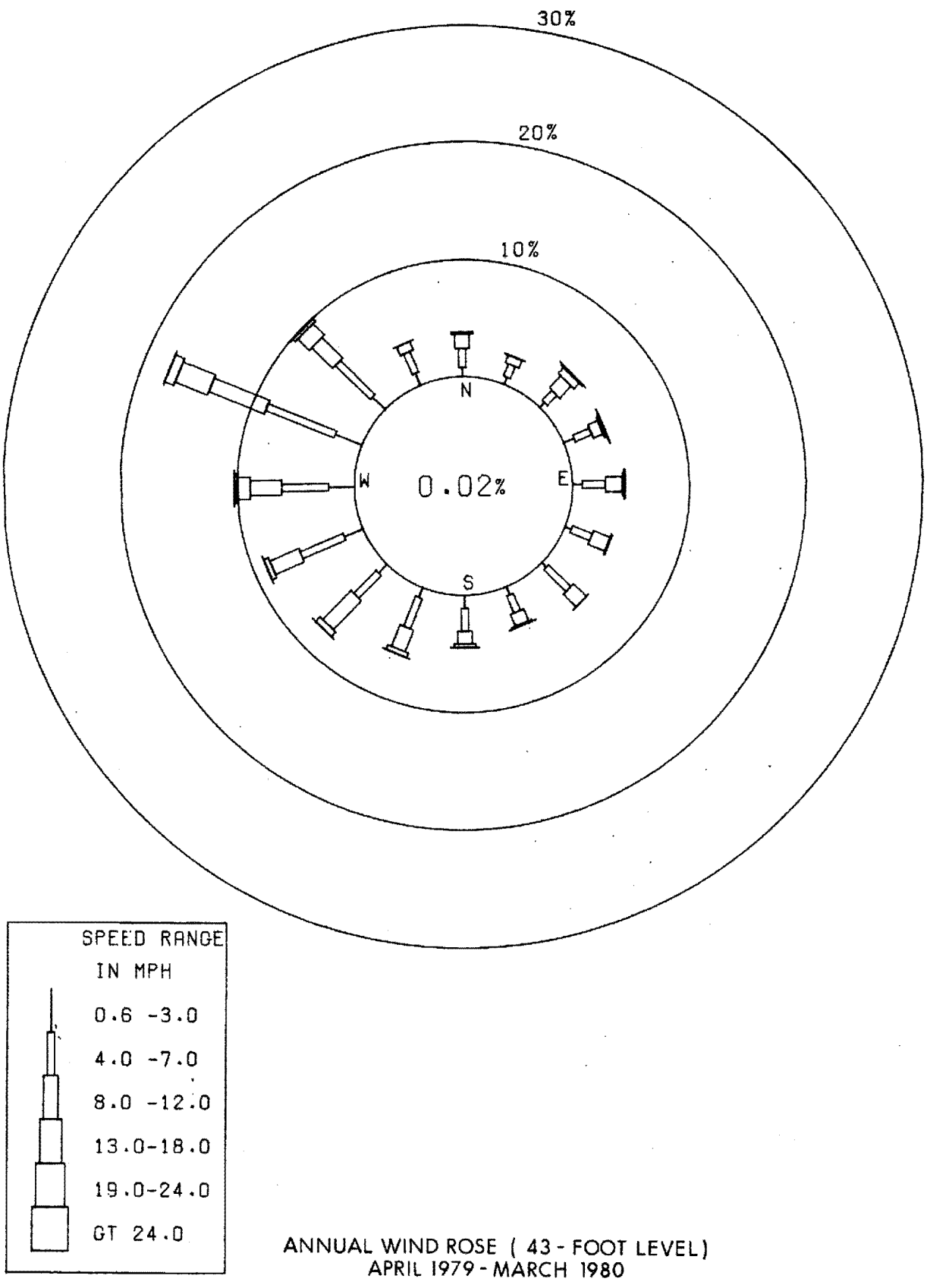
STABILITY CLASS ALL





WINTER WIND ROSE (43 - FOOT LEVEL)
DECEMBER 1979 - FEBRUARY 1980

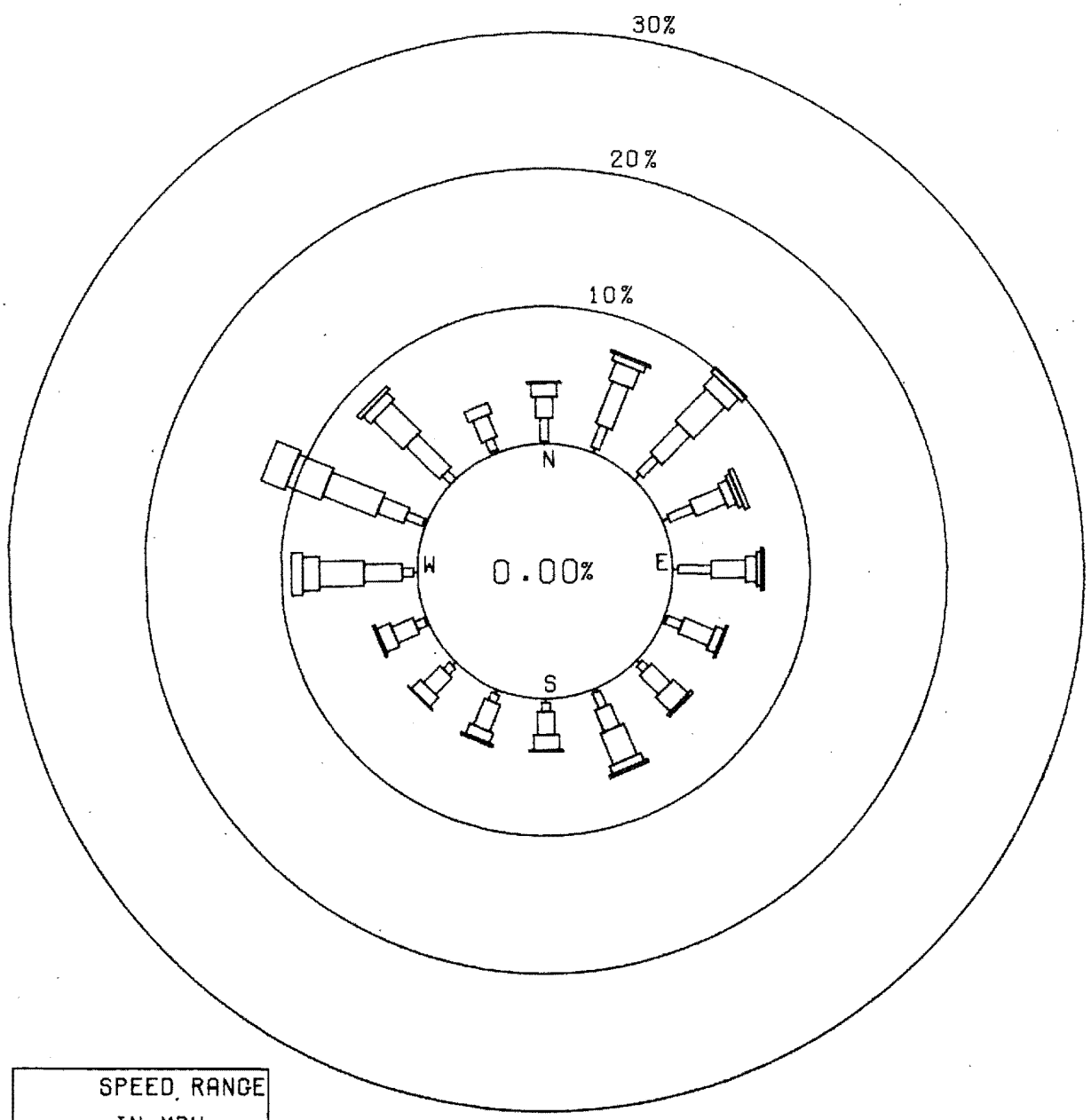
FIGURE 2B-4

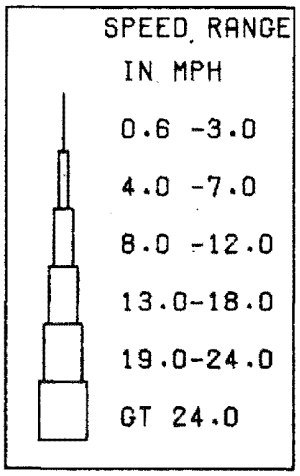


ANNUAL WIND ROSE (43 - FOOT LEVEL)
APRIL 1979 - MARCH 1980

FIGURE 2B-5

STABILITY CLASS ALL

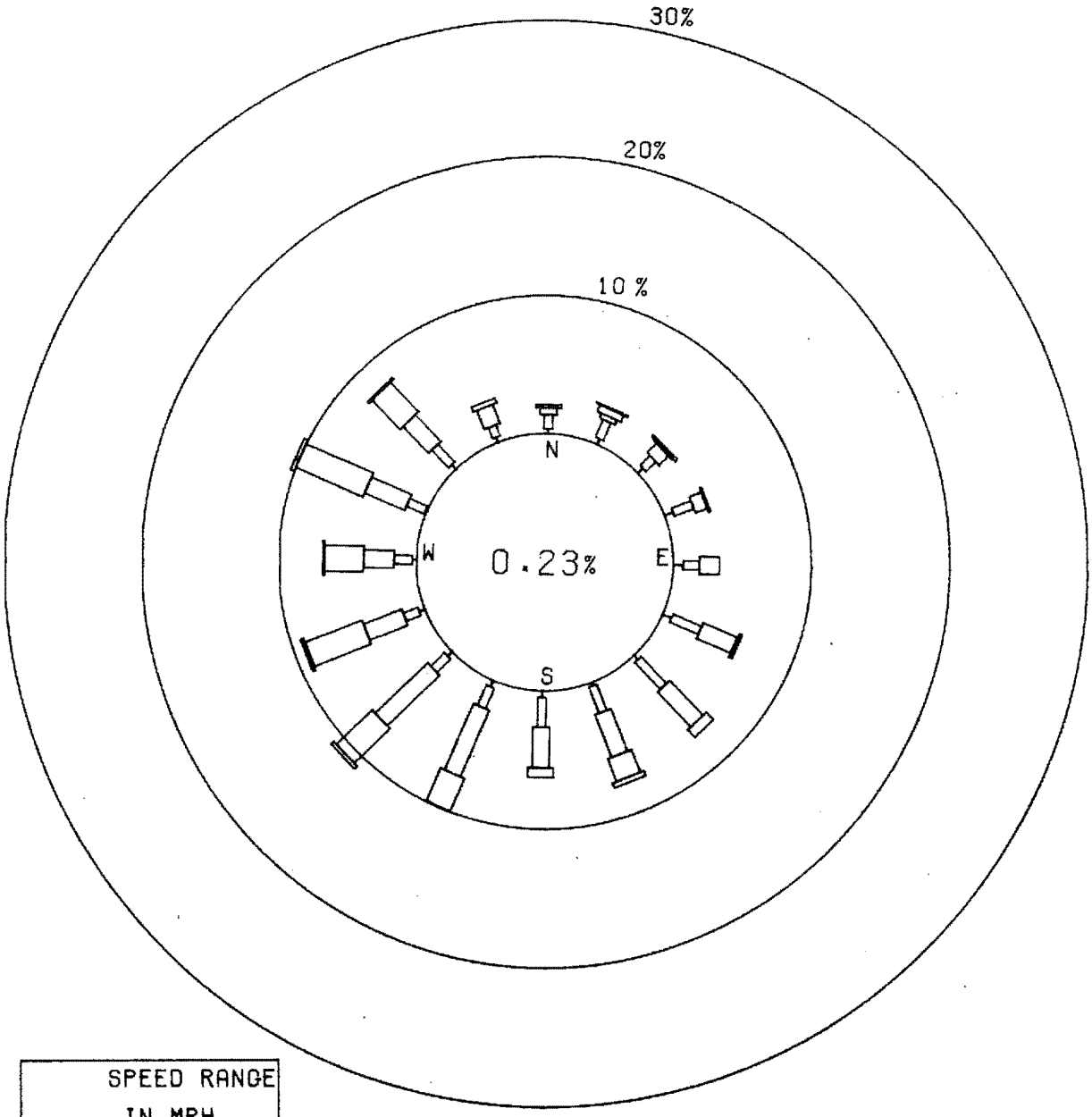


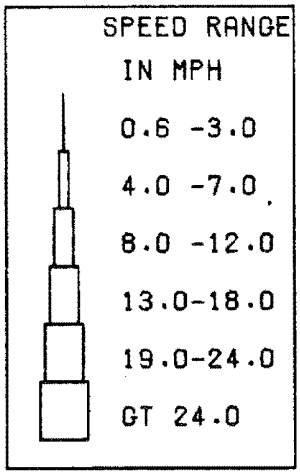


SPRING WIND ROSE (209 - FOOT LEVEL)
APRIL 1979 - MAY 1979; MARCH 1980

FIGURE 2B-6

STABILITY CLASS ALL

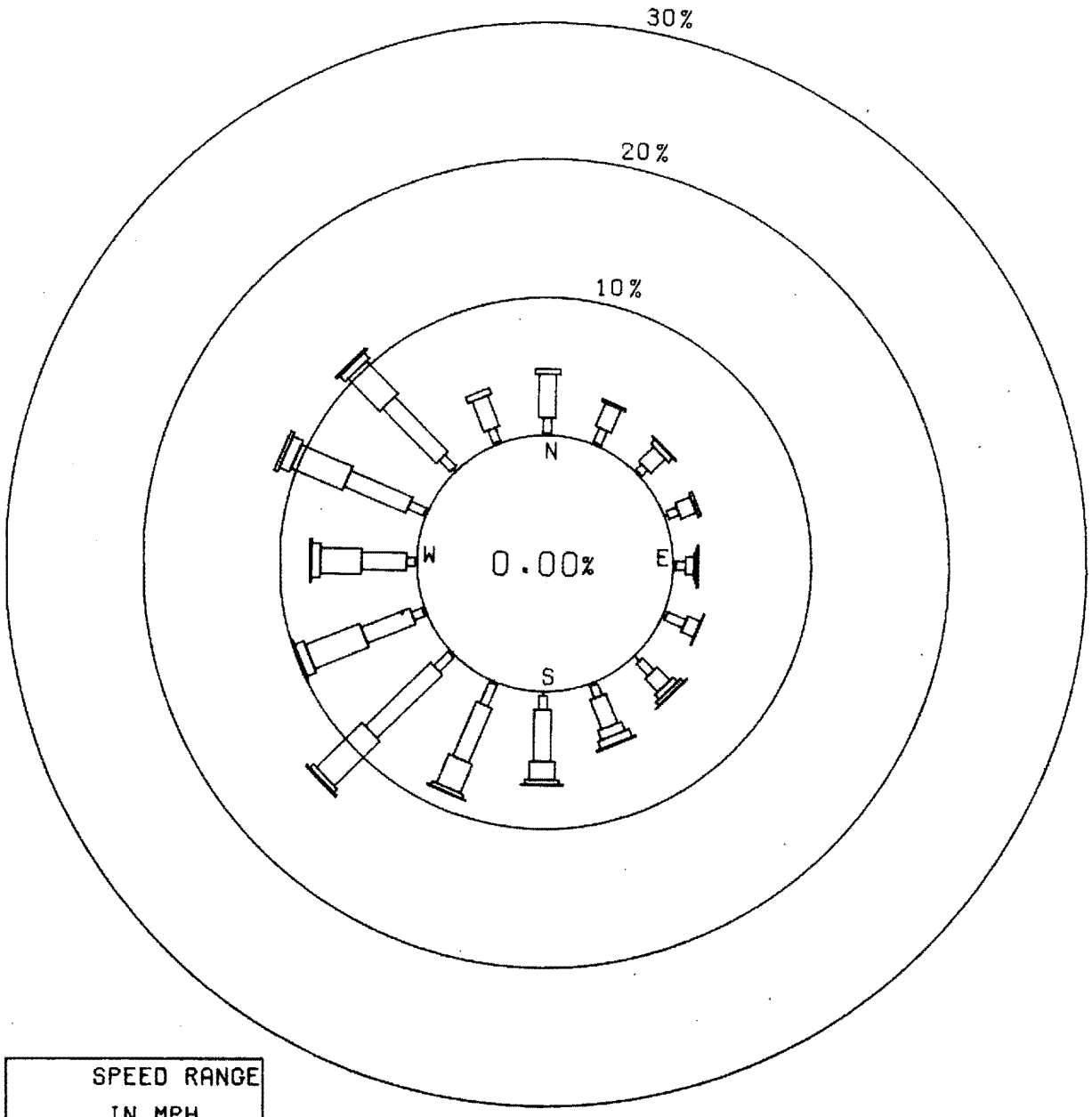


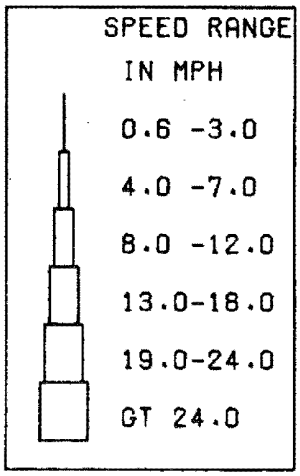


SUMMER WIND ROSE (209 - FOOT LEVEL)
JUNE 1979 - AUGUST 1979

FIGURE 2B-7

STABILITY CLASS ALL

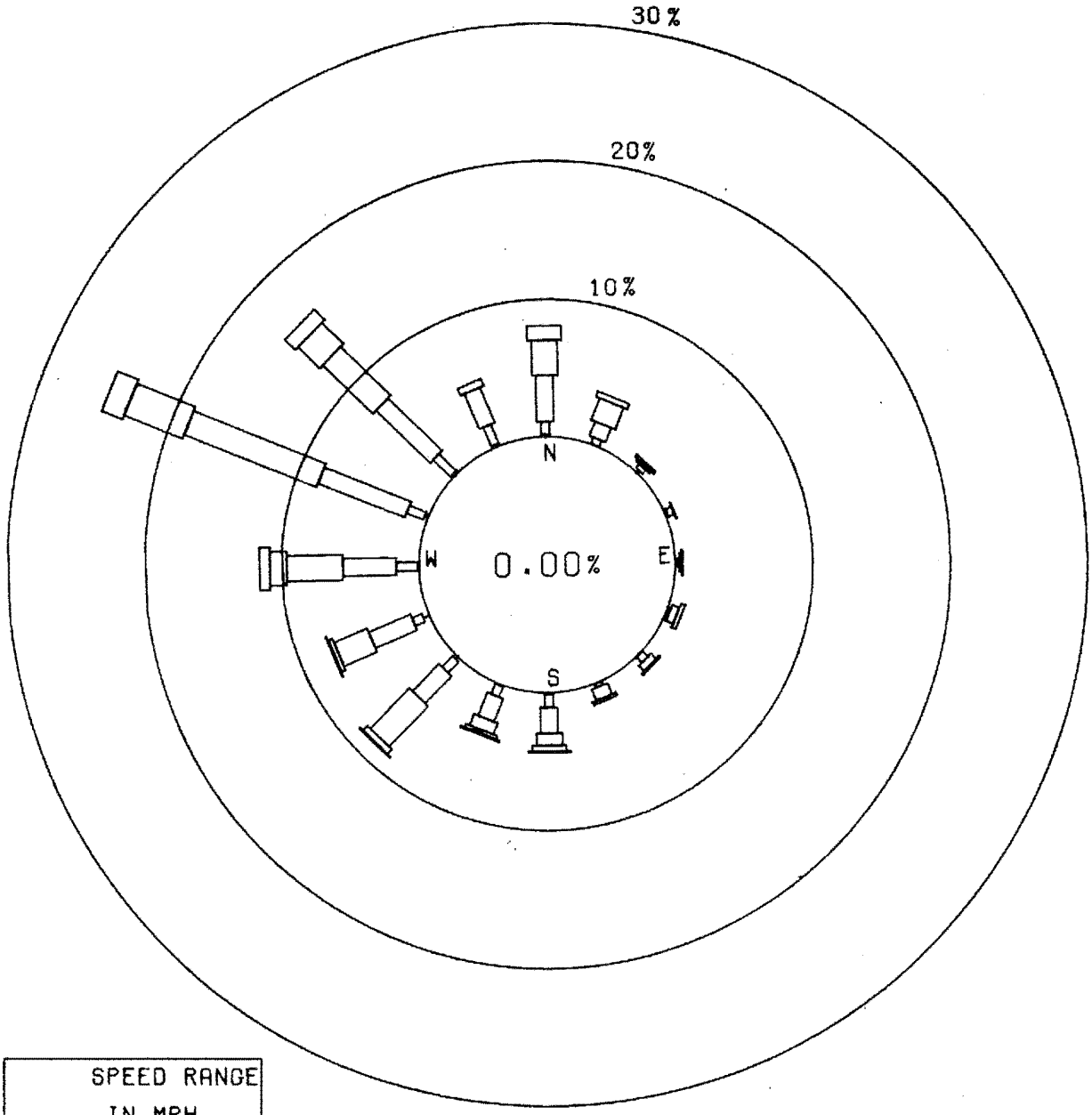


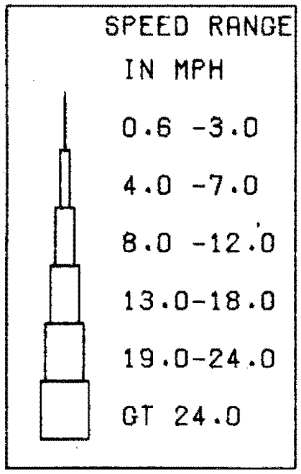


AUTUMN WIND ROSE (209 - FOOT LEVEL)
SEPTEMBER 1979 - NOVEMBER 1979

FIGURE 2B-8

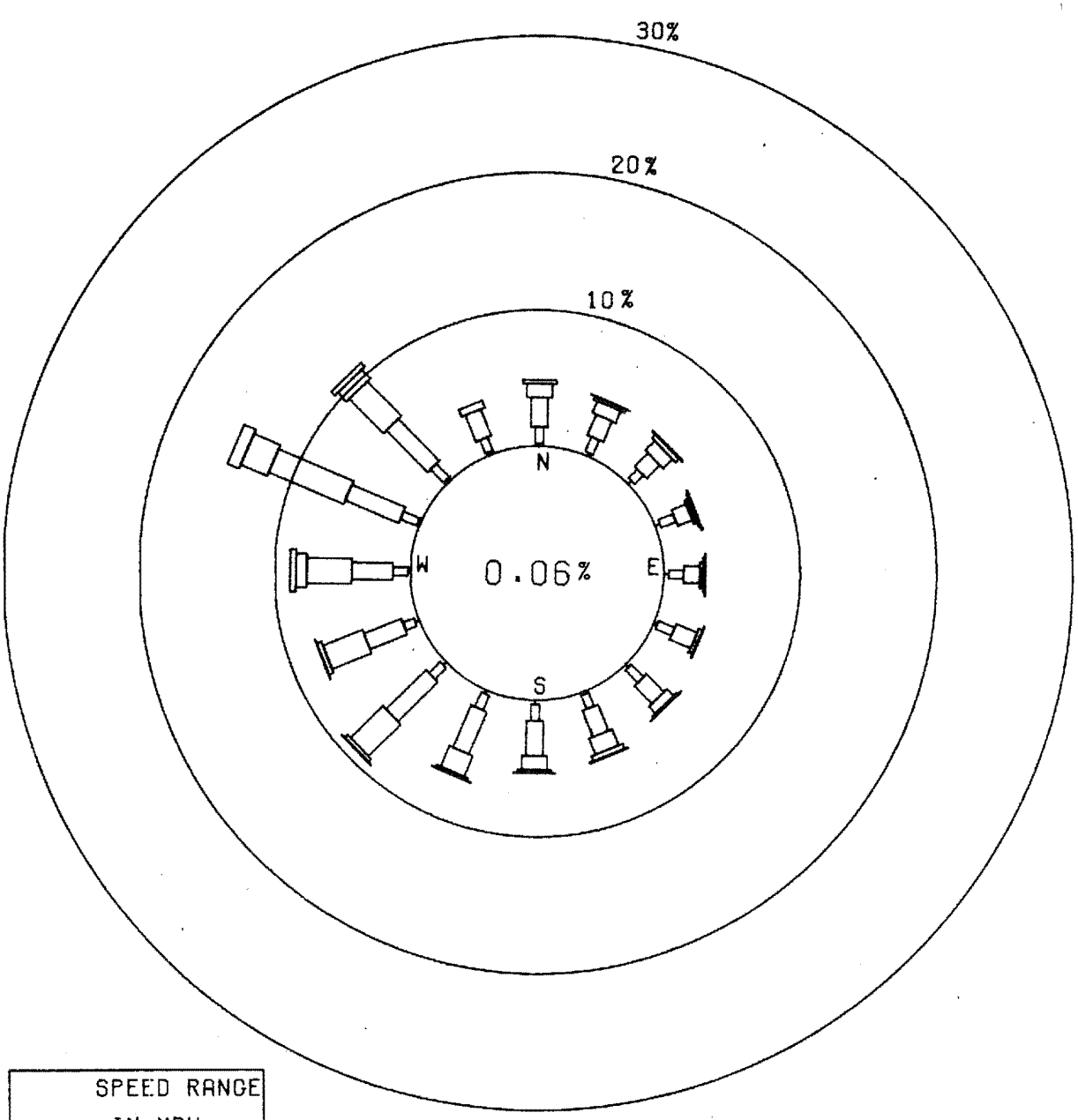
STABILITY CLASS ALL





WINTER WIND ROSE (209 - FOOT LEVEL)
DECEMBER 1979- FEBRUARY 1980

FIGURE 2B-9



ANNUAL WIND ROSE (209 - FOOT LEVEL)
APRIL 1979 - MARCH 1980

FIGURE 2B-10