

SEABROOK UPDATED FSAR

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

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SB 1 & 2
FSAR

APPENDIX 2B

ONSITE METEOROLOGICAL DATA SUMMARIES

APRIL 1979 - MARCH 1980

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TABLE 2B-1
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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

CM 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																				C = CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)
(2)PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD																				

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

CM 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	.64	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	6	10	5	1	10	16	12	3	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	1.61
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	6.84	6.42	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 .50 MPH)																			

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

CM CALM (WIND SPEED LESS THAN OR EQUAL TO .56 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	.36	.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	7.92	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)

(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	SSE	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	68	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	
67-24		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																				C = CALM (WIND SPEED LESS THAN OR EQUAL TO .58 MPH)
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD																				

(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	.04	.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-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	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	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	0.00
C-3	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	2	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	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	.02
4-7	0	1	0	3	3	1	6	1	0	1	0	0	1	0	0	0	0	17	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	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	.20
8-12	3	3	1	4	6	5	14	2	0	3	1	2	5	3	7	3	0	61	61
(1)	1.56	1.56	.52	2.06	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	31.77
(2)	.03	.03	.01	.05	.07	.06	.16	.02	0.00	.03	.01	.02	.06	.03	.08	.02	0.00	.71	.71
13-16	1	2	1	0	2	0	25	13	1	2	3	2	7	17	8	0	0	84	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	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	.97
19-24	0	0	0	0	0	0	0	0	0	0	1	0	1	9	2	0	0	15	15
(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.52	0.00	.52	4.69	1.04	0.00	0.00	7.81	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	.17
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	1	12	0	0	0	13	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	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	.15
ALL SPEEDS	4	6	2	7	11	7	45	18	1	6	5	4	15	42	17	2	0	192	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	100.00
(2)	.05	.07	.02	.08	.13	.08	.52	.21	.01	.07	.06	.05	.17	.49	.20	.02	0.00	2.22	2.22

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

CE CALM (WIND SPEED LESS THAN OR EQUAL TO .56 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	SW	WSW	W	WNW	NNW	VRBL	TOTAL			
CALM	(1)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	(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			
C-3	(1)	0	0	0	0	0	0	1	0	0	1	0	0	0	0	3			
	(2)	0.00	0.00	0.00	0.00	0.00	0.00	.34	0.00	0.00	.34	0.00	0.00	0.00	0.00	1.03			
4-7	(1)	0	0	1	3	1	2	6	0	1	1	5	3	3	2	31			
	(2)	0.00	0.00	.34	1.72	.34	.69	2.06	0.00	.34	.34	1.72	1.03	1.03	.69	10.65			
8-12	(1)	.34	.34	.34	4.12	3.09	4.47	8.59	.34	3.44	3.44	2.75	2.75	2.41	1.72	42.27			
	(2)	.01	.01	.01	.14	.10	.15	.29	.02	.12	.12	.09	.09	.08	.06	1.43			
13-18	(1)	.34	1.37	1.37	.69	0.00	.34	2.06	2.41	3.44	3.44	4.47	6.53	5.15	.69	37.11			
	(2)	.01	.05	.05	.02	0.00	.01	.07	.08	.12	.12	.15	.22	.17	.02	1.25			
19-24	(1)	0	0	0	0	0	0	2	0	2	3	2	10	2	0	21			
	(2)	0.00	0.00	0.00	0.00	0.00	0.00	.69	0.00	.69	1.03	.69	3.44	.69	0.00	7.22			
GT 24	(1)	0	0	0	0	0	0	0	0	0	0	0	3	2	0	5			
	(2)	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	1.72			
ALL SPEEDS	(1)	.69	1.72	2.06	6.53	3.44	5.50	13.75	3.44	7.90	8.59	9.62	14.78	9.97	3.09	100.00			
	(2)	.02	.06	.07	.22	.12	.19	.46	.12	.27	.29	.32	.50	.34	.10	3.37			

(1) PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE

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	.76	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)

(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)

SPEED(MPH)	STABILITY CLASS D																CLASS FREQUENCY (PERCENT) = 43.31			
	WIND DIRECTION FROM																			
	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)

SPEED(MPH)		STABILITY CLASS G																CLASS FREQUENCY (PERCENT) ■ 5.87					TOTAL
		WIND DIRECTION FROM																					
		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL					
CALM	(1)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1				
	(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	.20	0.00	.20				
C-3	(1)	3	7	4	3	2	2	4	2	3	3	5	7	3	4	4	6	0	62				
	(2)	.59	1.38	.79	.59	.39	.39	.79	.39	.59	.59	.99	1.38	.59	.79	.79	1.18	0.00	12.23				
4-7	(1)	12	7	10	7	5	0	1	8	14	19	13	21	12	12	11	7	0	159				
	(2)	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				
8-12	(1)	18	6	9	0	1	0	1	3	17	18	28	14	19	30	29	17	0	210				
	(2)	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				
13-18	(1)	2	3	0	0	0	0	0	2	2	2	9	5	4	21	18	7	0	75				
	(2)	.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				
19-24	(1)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	(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	(1)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	(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	(1)	35	23	23	10	8	2	6	15	36	42	55	47	38	67	62	38	0	507				
	(2)	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				

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

■ 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
NNE	116	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
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
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
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
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
E	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
ENE	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
E	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
ENE	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
E	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
ENE	215	75	33	14	12	4	4	2	4	4	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	373
E	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
ENE	322	127	57	35	24	13	11	4	9	4	3	2	0	3	1	2	1	0	0	0	0	1	0	0	0	623
E	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
ENE	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
TOTAL	2776	875	361	204	119	63	41	22	27	12	4	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	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	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	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	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	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	0	
ENE 84	31	10	11	6	0	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	0	
E 93	36	10	4	1	2	2	0	0	2	0	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	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	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	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	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	0	
SSE 116	49	28	9	6	1	2	2	2	0	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	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	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	0	
SSW 170	68	30	14	11	8	2	2	0	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	0	
SW 158	64	41	18	13	8	5	2	4	2	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	318
48	69	81	87	91	94	95	96	97	98	99	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	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	0	
W 174	70	42	24	11	10	5	3	1	0	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	0	
WNW 207	104	33	34	12	14	12	7	10	4	4	1	2	1	2	4	0	0	0	1	0	0	0	0	1	0	469
46	69	77	83	86	89	92	93	96	96	97	98	98	98	99	100	100	100	100	100	100	100	100	100	100	100	
NW 189	79	48	30	14	9	9	5	4	3	2	0	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	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	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	0	
TOTAL	2163	821	425	232	121	76	53	33	30	14	14	4	3	4	3	6	2	0	2	0	0	0	1	1	1	4008

* THIS OCCURRENCE 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 °F)

<u>Month</u>	<u>Average</u>	<u>Maximum</u>	<u>Minimum</u>
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 °F)

<u>Month</u>	<u>Average</u>	<u>Maximum</u>	<u>Minimum</u>
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)

<u>Month</u>	<u>Total Precipitation</u>
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

<u>Parameter</u>	<u>Possible Hours</u>	<u>Usable Hours</u>	<u>Recovery Rate</u>
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 47	51 69	31 82	12 87	13 92	3 94	7 97	2 97	3 99	2 100	1 100	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	236	
B	297 62	100 83	47 93	22 98	8 100	2 100	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	476	
C	319 82	55 96	10 99	4 100	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	388	
D	323 36	180 55	136 69	70 77	36 81	34 84	32 88	13 89	14 91	15 92	8 93	16 95	9 96	8 96	3 97	5 97	5 98	5 98	2 99	2 99	2 99	1 99	3 99	0 99	5(a) 100	937	
E	322 45	133 64	73 74	46 81	32 85	20 88	17 91	13 93	19 95	9 96	9 98	0 98	8 99	3 99	2 100	0 100	2 100	1 100	0 0	0 0	0 0	0 0	0 0	0 0	0 0	709	
F	210 62	76 84	24 91	11 94	13 98	1 98	2 99	3 100	1 100	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	341	
G	61 38	33 59	12 66	12 74	6 78	11 84	9 90	4 93	3 94	3 96	4 99	2 100	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	160	
TOTAL	1453	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 occurrences of D stability which persisted over 24 hours:

- o one lasted 28 hours
- o one lasted 32 hours
- o one lasted 33 hours
- o one lasted 40 hours
- o 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 61	22 84	2 86	5 91	2 93	2 95	1 96	2 98	2 100	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	97
B	141 69	42 90	15 98	4 100	1 100	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	203
C	233 61	90 85	34 94	19 99	4 100	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	360
D	265 31	165 50	123 65	75 73	44 79	36 83	25 86	17 88	17 90	8 91	13 92	14 94	5 95	6 96	7 97	5 97	3 97	2 97	5 98	2 98	3 98	1 98	0 98	1 98	12(a) 99	855
E	276 37	157 58	68 67	58 74	50 81	35 86	15 88	18 90	19 93	18 95	9 96	3 97	5 97	9 98	5 99	1 99	1 99	1 99	0 99	1 100	2 100	1 100	0 100	0 100	0 100	752
F	185 53	88 78	38 89	18 94	10 97	6 99	4 100	0 100	1 100	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	350
G	44 33	19 48	15 59	9 66	7 71	11 80	10 87	3 89	4 92	0 92	7 93	3 100	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	132
TOTAL	1203	583	295	163	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 occurrences 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 33	49 49	36 61	23 69	26 78	16 83	19 89	14 94	6 96	5 98	5 99	2 100	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	300	
B	311 66	105 88	32 95	16 98	5 99	1 99	3 100	1 100	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	474	
C	251 74	56 91	19 97	6 99	3 99	1 100	1 100	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	337	
D	324 39	154 57	79 66	51 72	46 78	27 81	21 83	17 85	15 87	14 89	17 91	9 92	10 93	14 95	7 96	6 96	6 97	2 97	1 98	8 98	2 99	0 99	2 99	1 99	8 100	(a) 841	
E	313 50	120 70	63 80	41 86	32 92	24 95	10 97	3 98	4 98	4 99	5 100	0 100	1 100	0 100	0 100	1 100	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	621	
F	210 61	75 83	31 92	17 97	5 99	2 99	2 100	1 100	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	343	
G	69 41	27 57	14 65	14 74	10 80	12 87	6 90	3 92	8 97	2 98	2 99	0 99	1 100	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	168	
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 occurrences 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)

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	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 occurrences 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