PILGRIM NUCLEAR POWER STATION

Facility Operating License DPR-35

Radiological Effluent and Waste Disposal Report

January 1 through December 31, 2001

3.0 METEOROLOGICAL DATA

Meteorological data (Reference 2) are summarized for the reporting period in Appendix A, in the standard joint frequency distribution format as given in NRC Regulatory Guide 1.21.

The predominant meteorological conditions observed during the annual reporting period can be summarized with their corresponding frequencies as follows:

- Stability Class: Class E, 35%
- Wind Direction (from): South-southwest, 16%
- 33-ft Wind Speed: 4-7 mph, 55%
- 220-ft Wind Speed: 13-18 mph, 36%

There were a limited number of instances when data collection from the 220-ft meteorological tower was not continuous. Typically, such data losses were attributed to lightning strikes, loss of power, malfunction of the sensors, and/or malfunction of the digital dataloggers. Data recovery for the period was about 96% for the 33-ft level, and 97% for the 220-ft level of the tower. These data recovery values exceed the NRC's recommended annual recovery goal of 90%.

APPENDIX A

Meteorological Joint Frequency Distributions

Table A-1
Distributions of Wind Directions and Speeds for the 33-ft Level of the 220-ft Tower

PILGRIM JAN01-MAR01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 9.74

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	3
	(1)	.00	.00	.49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.49	.49	.00	.00	.00	1.47
	(2)	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.05	.00	.00	.00	.14
4-7		10	10	3	1	3	1	0	1	0	1	0	3	23	29	15	18	0	118
	(1)	4.90	4.90	1.47	.49	1.47	.49	.00	.49	.00	.49	.00	1.47	11.27	14.22	7.35	8.82	.00	57.84
	(2)	.48	.48	.14	.05	.14	.05	.00	.05	.00	.05	.00	.14	1.10	1.38	.72	.86	.00	5.63
8-12		0	0	8	0	0	1	0	0	2	5	3	2	27	23	3	1	0	75
	(1)	.00	.00	3.92	.00	.00	.49	.00	.00	.98	2.45	1.47	.98	13.24	11.27	1.47	.49	.00	36.76
	(2)	.00	.00	.38	.00	.00	.05	.00	.00	.10	.24	.14	.10	1.29	1.10	.14	.05	.00	3.58
13-18		0	0	0	0	0	0	0	0	0	0	0	1	7	0	0	0	0	8
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.49	3.43	.00	.00	.00	.00	3.92
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.33	.00	.00	.00	.00	.38
19-24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		10	10	12	1	3	2	0	1	2	6	3	6	58	53	18	19	0	204
	(1)	4.90	4.90	5.88	.49	1.47	.98	.00	.49	.98	2.94	1.47	2.94	28.43	25.98	8.82	9.31	.00	100.00
	(2)	.48	.48	.57	.05	.14	.10	.00	.05	.10	.29	.14	.29	2.77	2.53	.86	.91	.00	9.74

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 4.01

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	6
	(1)	4.76	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.19	1.19	.00	7.14
	(2)	.19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.05	.00	.29
4-7		4	1	2	2	2	0	1	0	4	1	0	4	4	6	0	5	0	36
	(1)	4.76	1.19	2.38	2.38	2.38	.00	1.19	.00	4.76	1.19	.00	4.76	4.76	7.14	.00	5.95	.00	42.86
	(2)	.19	.05	.10	.10	.10	.00	.05	.00	.19	.05	.00	.19	.19	.29	.00	.24	.00	1.72
8-12		0	3	4	0	1	1	0	0	3	4	0	2	13	5	1	1	0	38
	(1)	.00	3.57	4.76	.00	1.19	1.19	.00	.00	3.57	4.76	.00	2.38	15.48	5.95	1.19	1.19	.00	45.24
	(2)	.00	.14	.19	.00	.05	.05	.00	.00	.14	.19	.00	.10	.62	.24	.05	.05	.00	1.81
13-18		0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	1	0	4
	(1)	.00	.00	1.19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.38	.00	1.19	.00	4.76
	(2)	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.05	.00	.19
19-24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		8	4	7	2	3	1	1	0	7	5	0	6	17	13	2	8	0	84
	(1)	9.52	4.76	8.33	2.38	3.57	1.19	1.19	.00	8.33	5.95	.00	7.14	20.24	15.48	2.38	9.52	.00	100.00
	(2)	.38	.19	.33	.10	.14	.05	.05	.00	.33	.24	.00	.29	.81	.62	.10	.38	.00	4.01

(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 0.95 MPH)

Table A-1 (continued)

PILGRIM JAN01-MAR01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 4.73

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
WIND DIRECTION FROM																			
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		1	1	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	6
	(1)	1.01	1.01	.00	1.01	.00	.00	.00	.00	.00	.00	.00	.00	1.01	.00	1.01	1.01	.00	6.06
	(2)	.05	.05	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.05	.05	.00	.29
4-7		1	0	2	3	3	1	1	0	5	2	3	7	9	6	6	4	0	53
	(1)	1.01	.00	2.02	3.03	3.03	1.01	1.01	.00	5.05	2.02	3.03	7.07	9.09	6.06	6.06	4.04	.00	53.54
	(2)	.05	.00	.10	.14	.14	.05	.05	.00	.24	.10	.14	.33	.43	.29	.29	.19	.00	2.53
8-12		1	2	1	0	2	0	0	0	0	0	1	8	14	3	2	0	0	34
	(1)	1.01	2.02	1.01	.00	2.02	.00	.00	.00	.00	.00	1.01	8.08	14.14	3.03	2.02	.00	.00	34.34
	(2)	.05	.10	.05	.00	.10	.00	.00	.00	.00	.00	.05	.38	.67	.14	.10	.00	.00	1.62
13-18		0	1	2	0	0	0	0	0	0	0	0	0	2	0	1	0	0	6
	(1)	.00	1.01	2.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.02	.00	1.01	.00	.00	6.06
	(2)	.00	.05	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.05	.00	.00	.29
19-24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		3	4	5	4	5	1	1	0	5	2	4	15	26	9	10	5	0	99
	(1)	3.03	4.04	5.05	4.04	5.05	1.01	1.01	.00	5.05	2.02	4.04	15.15	26.26	9.09	10.10	5.05	.00	100.00
	(2)	.14	.19	.24	.19	.24	.05	.05	.00	.24	.10	.19	.72	1.24	.43	.48	.24	.00	4.73

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 33.27

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
WIND DIRECTION FROM																			
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		4	3	4	1	1	2	5	6	7	3	2	5	5	4	3	0	0	55
	(1)	.57	.43	.57	.14	.14	.29	.72	.86	1.00	.43	.29	.72	.72	.57	.43	.00	.00	7.89
	(2)	.19	.14	.19	.05	.05	.10	.24	.29	.33	.14	.10	.24	.24	.19	.14	.00	.00	2.63
4-7		13	15	8	5	17	9	17	7	23	15	19	37	52	66	21	17	0	341
	(1)	1.87	2.15	1.15	.72	2.44	1.29	2.44	1.00	3.30	2.15	2.73	5.31	7.46	9.47	3.01	2.44	.00	48.92
	(2)	.62	.72	.38	.24	.81	.43	.81	.33	1.10	.72	.91	1.77	2.48	3.15	1.00	.81	.00	16.28
8-12		0	6	16	15	8	4	5	0	10	20	2	25	77	39	22	0	0	249
	(1)	.00	.86	2.30	2.15	1.15	.57	.72	.00	1.43	2.87	.29	3.59	11.05	5.60	3.16	.00	.00	35.72
	(2)	.00	.29	.76	.72	.38	.19	.24	.00	.48	.95	.10	1.19	3.68	1.86	1.05	.00	.00	11.89
13-18		1	2	7	9	0	0	0	0	0	0	0	0	21	8	1	0	0	49
	(1)	.14	.29	1.00	1.29	.00	.00	.00	.00	.00	.00	.00	.00	3.01	1.15	.14	.00	.00	7.03
	(2)	.05	.10	.33	.43	.00	.00	.00	.00	.00	.00	.00	.00	1.00	.38	.05	.00	.00	2.34
19-24		0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	(1)	.00	.00	.43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.43
	(2)	.00	.00	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		18	26	38	30	26	15	27	13	40	38	23	67	155	117	47	17	0	697
	(1)	2.58	3.73	5.45	4.30	3.73	2.15	3.87	1.87	5.74	5.45	3.30	9.61	22.24	16.79	6.74	2.44	.00	100.00
	(2)	.86	1.24	1.81	1.43	1.24	.72	1.29	.62	1.91	1.81	1.10	3.20	7.40	5.58	2.24	.81	.00	33.27

(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 0.95 MPH)

Table A-1 (continued)

PILGRIM JAN01-MAR01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 42.00

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		8	2	0	0	1	6	18	13	11	10	11	26	14	10	12	5	0	147
	(1)	.91	.23	.00	.00	.11	.68	2.05	1.48	1.25	1.14	1.25	2.95	1.59	1.14	1.36	.57	.00	16.70
	(2)	.38	.10	.00	.00	.05	.29	.86	.62	.53	.48	.53	1.24	.67	.48	.57	.24	.00	7.02
4-7		10	5	3	6	7	6	21	14	22	58	53	112	95	35	21	7	0	475
	(1)	1.14	.57	.34	.68	.80	.68	2.39	1.59	2.50	6.59	6.02	12.73	10.80	3.98	2.39	.80	.00	53.98
	(2)	.48	.24	.14	.29	.33	.29	1.00	.67	1.05	2.77	2.53	5.35	4.53	1.67	1.00	.33	.00	22.67
8-12		1	4	1	7	11	5	5	2	18	24	24	23	50	8	8	4	0	195
	(1)	.11	.45	.11	.80	1.25	.57	.57	.23	2.05	2.73	2.73	2.61	5.68	.91	.91	.45	.00	22.16
	(2)	.05	.19	.05	.33	.53	.24	.24	.10	.86	1.15	1.15	1.10	2.39	.38	.38	.19	.00	9.31
13-18		0	12	5	5	10	2	0	0	0	10	0	0	4	1	2	0	0	51
	(1)	.00	1.36	.57	.57	1.14	.23	.00	.00	.00	1.14	.00	.00	.45	.11	.23	.00	.00	5.80
	(2)	.00	.57	.24	.24	.48	.10	.00	.00	.00	.48	.00	.00	.19	.05	.10	.00	.00	2.43
19-24		0	4	5	0	3	0	0	0	0	0	0	0	0	0	0	0	0	12
	(1)	.00	.45	.57	.00	.34	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.36
	(2)	.00	.19	.24	.00	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.57
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		19	27	14	18	32	19	44	29	51	102	88	161	163	54	43	16	0	880
	(1)	2.16	3.07	1.59	2.05	3.64	2.16	5.00	3.30	5.80	11.59	10.00	18.30	18.52	6.14	4.89	1.82	.00	100.00
	(2)	.91	1.29	.67	.86	1.53	.91	2.10	1.38	2.43	4.87	4.20	7.68	7.78	2.58	2.05	.76	.00	42.00

33.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 6.01

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		0	0	0	0	1	1	0	2	8	1	9	7	5	0	1	0	0	35
	(1)	.00	.00	.00	.00	.79	.79	.00	1.59	6.35	.79	7.14	5.56	3.97	.00	.79	.00	.00	27.78
	(2)	.00	.00	.00	.00	.05	.05	.00	.10	.38	.05	.43	.33	.24	.00	.05	.00	.00	1.67
4-7		0	1	0	1	0	0	1	0	4	15	28	11	5	6	0	0	0	72
	(1)	.00	.79	.00	.79	.00	.00	.79	.00	3.17	11.90	22.22	8.73	3.97	4.76	.00	.00	.00	57.14
	(2)	.00	.05	.00	.05	.00	.00	.05	.00	.19	.72	1.34	.53	.24	.29	.00	.00	.00	3.44
8-12		4	2	0	0	0	0	1	0	0	2	4	0	0	2	3	1	0	19
	(1)	3.17	1.59	.00	.00	.00	.00	.79	.00	.00	1.59	3.17	.00	.00	1.59	2.38	.79	.00	15.08
	(2)	.19	.10	.00	.00	.00	.00	.05	.00	.00	.10	.19	.00	.00	.10	.14	.05	.00	.91
13-18		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		4	3	0	1	1	1	2	2	12	18	41	18	10	8	4	1	0	126
	(1)	3.17	2.38	.00	.79	.79	.79	1.59	1.59	9.52	14.29	32.54	14.29	7.94	6.35	3.17	.79	.00	100.00
	(2)	.19	.14	.00	.05	.05	.05	.10	.10	.57	.86	1.96	.86	.48	.38	.19	.05	.00	6.01

(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 0.95 MPH)

Table A-1 (continued)

PILGRIM JAN01-MAR01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = .24

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	20.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.00
(2)	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
4-7	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.00	.00	.00	60.00	.00	.00	.00	80.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.14	.00	.00	.00	.19
8-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	0	0	1	0	0	0	0	0	0	1	0	0	3	0	0	0	5
(1)	.00	.00	.00	20.00	.00	.00	.00	.00	.00	.00	20.00	.00	.00	60.00	.00	.00	.00	100.00
(2)	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.05	.00	.00	.14	.00	.00	.00	.24

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

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	17	6	5	3	3	9	23	21	26	14	22	38	26	15	18	7	0	253
(1)	.81	.29	.24	.14	.14	.43	1.10	1.00	1.24	.67	1.05	1.81	1.24	.72	.86	.33	.00	12.08
(2)	.81	.29	.24	.14	.14	.43	1.10	1.00	1.24	.67	1.05	1.81	1.24	.72	.86	.33	.00	12.08
4-7	38	32	18	18	32	17	41	22	58	92	104	174	188	151	63	51	0	1099
(1)	1.81	1.53	.86	.86	1.53	.81	1.96	1.05	2.77	4.39	4.96	8.31	8.97	7.21	3.01	2.43	.00	52.46
(2)	1.81	1.53	.86	.86	1.53	.81	1.96	1.05	2.77	4.39	4.96	8.31	8.97	7.21	3.01	2.43	.00	52.46
8-12	6	17	30	22	22	11	11	2	33	55	34	60	181	80	39	7	0	610
(1)	.29	.81	1.43	1.05	1.05	.53	.53	.10	1.58	2.63	1.62	2.86	8.64	3.82	1.86	.33	.00	29.12
(2)	.29	.81	1.43	1.05	1.05	.53	.53	.10	1.58	2.63	1.62	2.86	8.64	3.82	1.86	.33	.00	29.12
13-18	1	15	15	14	10	2	0	0	0	10	0	1	34	11	4	1	0	118
(1)	.05	.72	.72	.67	.48	.10	.00	.00	.00	.48	.00	.05	1.62	.53	.19	.05	.00	5.63
(2)	.05	.72	.72	.67	.48	.10	.00	.00	.00	.48	.00	.05	1.62	.53	.19	.05	.00	5.63
19-24	0	4	8	0	3	0	0	0	0	0	0	0	0	0	0	0	0	15
(1)	.00	.19	.38	.00	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.72
(2)	.00	.19	.38	.00	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.72
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	62	74	76	57	70	39	75	45	117	171	160	273	429	257	124	66	0	2095
(1)	2.96	3.53	3.63	2.72	3.34	1.86	3.58	2.15	5.58	8.16	7.64	13.03	20.48	12.27	5.92	3.15	.00	100.00
(2)	2.96	3.53	3.63	2.72	3.34	1.86	3.58	2.15	5.58	8.16	7.64	13.03	20.48	12.27	5.92	3.15	.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 0.95 MPH)

Table A-1 (continued)

PILGRIM APR01-JUN01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 17.89

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	4
	(1)	.53	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.27	.00	.27	.00	1.07
	(2)	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.05	.00	.19
4-7		32	33	27	30	34	12	8	3	4	9	6	9	17	19	7	7	0	257
	(1)	8.56	8.82	7.22	8.02	9.09	3.21	2.14	.80	1.07	2.41	1.60	2.41	4.55	5.08	1.87	1.87	.00	68.72
	(2)	1.53	1.58	1.29	1.44	1.63	.57	.38	.14	.19	.43	.29	.43	.81	.91	.33	.33	.00	12.30
8-12		13	17	4	1	6	3	0	0	25	10	4	1	3	5	5	5	0	102
	(1)	3.48	4.55	1.07	.27	1.60	.80	.00	.00	6.68	2.67	1.07	.27	.80	1.34	1.34	1.34	.00	27.27
	(2)	.62	.81	.19	.05	.29	.14	.00	.00	1.20	.48	.19	.05	.14	.24	.24	.24	.00	4.88
13-18		0	0	0	0	0	0	0	0	7	4	0	0	0	0	0	0	0	11
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	1.87	1.07	.00	.00	.00	.00	.00	.00	.00	2.94
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.33	.19	.00	.00	.00	.00	.00	.00	.00	.53
19-24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		47	50	31	31	40	15	8	3	36	23	10	10	20	25	12	13	0	374
	(1)	12.57	13.37	8.29	8.29	10.70	4.01	2.14	.80	9.63	6.15	2.67	2.67	5.35	6.68	3.21	3.48	.00	100.00
	(2)	2.25	2.39	1.48	1.48	1.91	.72	.38	.14	1.72	1.10	.48	.48	.96	1.20	.57	.62	.00	17.89

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 4.26

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
	(1)	1.12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.12	.00	2.25
	(2)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.10
4-7		2	3	2	5	7	7	2	1	4	3	7	5	3	4	2	0	0	57
	(1)	2.25	3.37	2.25	5.62	7.87	7.87	2.25	1.12	4.49	3.37	7.87	5.62	3.37	4.49	2.25	.00	.00	64.04
	(2)	.10	.14	.10	.24	.33	.33	.10	.05	.19	.14	.33	.24	.14	.19	.10	.00	.00	2.73
8-12		0	9	0	0	2	0	0	0	8	3	5	0	1	1	0	0	0	29
	(1)	.00	10.11	.00	.00	2.25	.00	.00	.00	8.99	3.37	5.62	.00	1.12	1.12	.00	.00	.00	32.58
	(2)	.00	.43	.00	.00	.10	.00	.00	.00	.38	.14	.24	.00	.05	.05	.00	.00	.00	1.39
13-18		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	1.12	.00	.00	.00	.00	.00	.00	.00	.00	1.12
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.05
19-24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		3	12	2	5	9	7	2	1	13	6	12	5	4	5	2	1	0	89
	(1)	3.37	13.48	2.25	5.62	10.11	7.87	2.25	1.12	14.61	6.74	13.48	5.62	4.49	5.62	2.25	1.12	.00	100.00
	(2)	.14	.57	.10	.24	.43	.33	.10	.05	.62	.29	.57	.24	.19	.24	.10	.05	.00	4.26

(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 0.95 MPH)

Table A-1 (continued)

PILGRIM APR01-JUN01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 4.93

SPEED(MPH)		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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		2	0	1	0	0	0	0	0	0	1	0	0	0	0	2	0	0	6
	(1)	1.94	.00	.97	.00	.00	.00	.00	.00	.00	.97	.00	.00	.00	.00	1.94	.00	.00	5.83
	(2)	.10	.00	.05	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.10	.00	.00	.29
4-7		4	5	5	8	7	9	2	2	6	4	3	2	2	3	2	3	0	67
	(1)	3.88	4.85	4.85	7.77	6.80	8.74	1.94	1.94	5.83	3.88	2.91	1.94	1.94	2.91	1.94	2.91	.00	65.05
	(2)	.19	.24	.24	.38	.33	.43	.10	.10	.29	.19	.14	.10	.10	.14	.10	.14	.00	3.21
8-12		1	10	0	0	2	0	0	0	9	4	0	0	0	1	1	2	0	30
	(1)	.97	9.71	.00	.00	1.94	.00	.00	.00	8.74	3.88	.00	.00	.00	.97	.97	1.94	.00	29.13
	(2)	.05	.48	.00	.00	.10	.00	.00	.00	.43	.19	.00	.00	.00	.05	.05	.10	.00	1.44
13-18		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		7	15	6	8	9	9	2	2	15	9	3	2	2	4	5	5	0	103
	(1)	6.80	14.56	5.83	7.77	8.74	8.74	1.94	1.94	14.56	8.74	2.91	1.94	1.94	3.88	4.85	4.85	.00	100.00
	(2)	.33	.72	.29	.38	.43	.43	.10	.10	.72	.43	.14	.10	.10	.19	.24	.24	.00	4.93

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 30.10

SPEED(MPH)		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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		6	6	7	4	5	9	7	9	5	2	2	3	4	2	3	13	0	87
	(1)	.95	.95	1.11	.64	.79	1.43	1.11	1.43	.79	.32	.32	.48	.64	.32	.48	2.07	.00	13.83
	(2)	.29	.29	.33	.19	.24	.43	.33	.43	.24	.10	.10	.14	.19	.10	.14	.62	.00	4.16
4-7		9	23	27	25	53	49	31	17	60	47	11	12	9	4	8	9	0	394
	(1)	1.43	3.66	4.29	3.97	8.43	7.79	4.93	2.70	9.54	7.47	1.75	1.91	1.43	.64	1.27	1.43	.00	62.64
	(2)	.43	1.10	1.29	1.20	2.54	2.34	1.48	.81	2.87	2.25	.53	.57	.43	.19	.38	.43	.00	18.85
8-12		12	25	3	0	2	7	3	1	30	37	4	1	4	3	5	4	0	141
	(1)	1.91	3.97	.48	.00	.32	1.11	.48	.16	4.77	5.88	.64	.16	.64	.48	.79	.64	.00	22.42
	(2)	.57	1.20	.14	.00	.10	.33	.14	.05	1.44	1.77	.19	.05	.19	.14	.24	.19	.00	6.75
13-18		1	2	0	0	0	0	0	0	1	1	0	0	0	0	0	2	0	7
	(1)	.16	.32	.00	.00	.00	.00	.00	.00	.16	.16	.00	.00	.00	.00	.00	.32	.00	1.11
	(2)	.05	.10	.00	.00	.00	.00	.00	.00	.05	.05	.00	.00	.00	.00	.00	.10	.00	.33
19-24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		28	56	37	29	60	65	41	27	96	87	17	16	17	9	16	28	0	629
	(1)	4.45	8.90	5.88	4.61	9.54	10.33	6.52	4.29	15.26	13.83	2.70	2.54	2.70	1.43	2.54	4.45	.00	100.00
	(2)	1.34	2.68	1.77	1.39	2.87	3.11	1.96	1.29	4.59	4.16	.81	.77	.81	.43	.77	1.34	.00	30.10

(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 0.95 MPH)

Table A-1 (continued)

PILGRIM APR01-JUN01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 27.85

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.17	.00	.00	.00	.17	.00	.00	.00	.00	.34
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.05	.00	.00	.00	.00	.10
C-3		7	3	5	6	5	17	18	11	17	5	7	3	19	5	9	10	0	147
	(1)	1.20	.52	.86	1.03	.86	2.92	3.09	1.89	2.92	.86	1.20	.52	3.26	.86	1.55	1.72	.00	25.26
	(2)	.33	.14	.24	.29	.24	.81	.86	.53	.81	.24	.33	.14	.91	.24	.43	.48	.00	7.03
4-7		10	3	3	14	14	14	15	14	30	45	25	40	37	29	17	10	0	320
	(1)	1.72	.52	.52	2.41	2.41	2.41	2.58	2.41	5.15	7.73	4.30	6.87	6.36	4.98	2.92	1.72	.00	54.98
	(2)	.48	.14	.14	.67	.67	.67	.72	.67	1.44	2.15	1.20	1.91	1.77	1.39	.81	.48	.00	15.31
8-12		8	5	0	0	0	1	2	0	6	59	14	2	4	8	1	1	0	111
	(1)	1.37	.86	.00	.00	.00	.17	.34	.00	1.03	10.14	2.41	.34	.69	1.37	.17	.17	.00	19.07
	(2)	.38	.24	.00	.00	.00	.05	.10	.00	.29	2.82	.67	.10	.19	.38	.05	.05	.00	5.31
13-18		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.34	.00	.00	.00	.00	.00	.00	.00	.34
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.10
19-24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		25	11	8	20	19	32	35	25	54	111	46	45	61	42	27	21	0	582
	(1)	4.30	1.89	1.37	3.44	3.26	5.50	6.01	4.30	9.28	19.07	7.90	7.73	10.48	7.22	4.64	3.61	.00	100.00
	(2)	1.20	.53	.38	.96	.91	1.53	1.67	1.20	2.58	5.31	2.20	2.15	2.92	2.01	1.29	1.00	.00	27.85

33.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 10.10

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		1	0	2	2	0	2	8	2	4	6	10	9	9	5	3	3	0	66
	(1)	.47	.00	.95	.95	.00	.95	3.79	.95	1.90	2.84	4.74	4.27	4.27	2.37	1.42	1.42	.00	31.28
	(2)	.05	.00	.10	.10	.00	.10	.38	.10	.19	.29	.48	.43	.43	.24	.14	.14	.00	3.16
4-7		0	0	0	6	0	0	0	0	1	16	34	13	6	8	3	5	0	92
	(1)	.00	.00	.00	2.84	.00	.00	.00	.00	.47	7.58	16.11	6.16	2.84	3.79	1.42	2.37	.00	43.60
	(2)	.00	.00	.00	.29	.00	.00	.00	.00	.05	.77	1.63	.62	.29	.38	.14	.24	.00	4.40
8-12		0	0	0	0	0	0	0	0	0	24	28	0	0	0	0	0	0	52
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.37	13.27	.00	.00	.00	.00	.00	.00	24.64
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.15	1.34	.00	.00	.00	.00	.00	.00	2.49
13-18		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	(1)	.00	.47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.47
	(2)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		1	1	2	8	0	2	8	2	5	46	72	22	15	13	6	8	0	211
	(1)	.47	.47	.95	3.79	.00	.95	3.79	.95	2.37	21.80	34.12	10.43	7.11	6.16	2.84	3.79	.00	100.00
	(2)	.05	.05	.10	.38	.00	.10	.38	.10	.24	2.20	3.44	1.05	.72	.62	.29	.38	.00	10.10

(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 0.95 MPH)

Table A-1 (continued)

PILGRIM APR01-JUN01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 4.88

	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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	0	0	3	1	0	4	2	3	0	0	0	13
(1)	.00	.00	.00	.00	.00	.00	.00	.00	2.94	.98	.00	3.92	1.96	2.94	.00	.00	.00	12.75
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.14	.05	.00	.19	.10	.14	.00	.00	.00	.62
4-7	0	0	0	3	1	0	0	0	0	3	17	9	0	1	0	0	0	34
(1)	.00	.00	.00	2.94	.98	.00	.00	.00	.00	2.94	16.67	8.82	.00	.98	.00	.00	.00	33.33
(2)	.00	.00	.00	.14	.05	.00	.00	.00	.00	.14	.81	.43	.00	.05	.00	.00	.00	1.63
8-12	0	0	0	0	0	0	0	0	0	10	41	1	0	0	0	0	0	52
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.80	40.20	.98	.00	.00	.00	.00	.00	50.98
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.48	1.96	.05	.00	.00	.00	.00	.00	2.49
13-18	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.94	.00	.00	.00	.00	.00	.00	2.94
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.00	.00	.00	.00	.00	.00	.14
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	0	0	3	1	0	0	0	3	14	61	14	2	4	0	0	0	102
(1)	.00	.00	.00	2.94	.98	.00	.00	.00	2.94	13.73	59.80	13.73	1.96	3.92	.00	.00	.00	100.00
(2)	.00	.00	.00	.14	.05	.00	.00	.00	.14	.67	2.92	.67	.10	.19	.00	.00	.00	4.88

33.0 FT WIND DATA 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	0	1	0	0	0	1	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.05	.00	.00	.00	.00	.10
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.05	.00	.00	.00	.00	.10
C-3	19	9	15	12	10	28	33	22	29	15	19	19	34	16	17	28	0	325
(1)	.91	.43	.72	.57	.48	1.34	1.58	1.05	1.39	.72	.91	.91	1.63	.77	.81	1.34	.00	15.55
(2)	.91	.43	.72	.57	.48	1.34	1.58	1.05	1.39	.72	.91	.91	1.63	.77	.81	1.34	.00	15.55
4-7	57	67	64	91	116	91	58	37	105	127	103	90	74	68	39	34	0	1221
(1)	2.73	3.21	3.06	4.35	5.55	4.35	2.78	1.77	5.02	6.08	4.93	4.31	3.54	3.25	1.87	1.63	.00	58.42
(2)	2.73	3.21	3.06	4.35	5.55	4.35	2.78	1.77	5.02	6.08	4.93	4.31	3.54	3.25	1.87	1.63	.00	58.42
8-12	34	66	7	1	12	11	5	1	78	147	96	5	12	18	12	12	0	517
(1)	1.63	3.16	.33	.05	.57	.53	.24	.05	3.73	7.03	4.59	.24	.57	.86	.57	.57	.00	24.74
(2)	1.63	3.16	.33	.05	.57	.53	.24	.05	3.73	7.03	4.59	.24	.57	.86	.57	.57	.00	24.74
13-18	1	2	0	0	0	0	0	0	9	7	3	0	0	0	0	2	0	24
(1)	.05	.10	.00	.00	.00	.00	.00	.00	.43	.33	.14	.00	.00	.00	.00	.10	.00	1.15
(2)	.05	.10	.00	.00	.00	.00	.00	.00	.43	.33	.14	.00	.00	.00	.00	.10	.00	1.15
19-24	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
(2)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALLSPEEDS	111	145	86	104	138	130	96	60	222	296	221	114	121	102	68	76	0	2090
(1)	5.31	6.94	4.11	4.98	6.60	6.22	4.59	2.87	10.62	14.16	10.57	5.45	5.79	4.88	3.25	3.64	.00	100.00
(2)	5.31	6.94	4.11	4.98	6.60	6.22	4.59	2.87	10.62	14.16	10.57	5.45	5.79	4.88	3.25	3.64	.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 0.95 MPH)

Table A-1 (continued)

PILGRIM JUL01-SEP01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

33.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 16.82

	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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	4	3	2	4	1	0	0	0	1	0	0	1	2	0	3	3	0	24
(1)	1.09	.82	.55	1.09	.27	.00	.00	.00	.27	.00	.00	.27	.55	.00	.82	.82	.00	6.56
(2)	.18	.14	.09	.18	.05	.00	.00	.00	.05	.00	.00	.05	.09	.00	.14	.14	.00	1.10
4-7	16	36	33	14	3	7	6	0	18	43	27	17	3	10	6	20	0	259
(1)	4.37	9.84	9.02	3.83	.82	1.91	1.64	.00	4.92	11.75	7.38	4.64	.82	2.73	1.64	5.46	.00	70.77
(2)	.74	1.65	1.52	.64	.14	.32	.28	.00	.83	1.98	1.24	.78	.14	.46	.28	.92	.00	11.90
8-12	0	4	0	0	0	0	0	0	15	46	14	1	0	3	0	0	0	83
(1)	.00	1.09	.00	.00	.00	.00	.00	.00	4.10	12.57	3.83	.27	.00	.82	.00	.00	.00	22.68
(2)	.00	.18	.00	.00	.00	.00	.00	.00	.69	2.11	.64	.05	.00	.14	.00	.00	.00	3.81
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	20	43	35	18	4	7	6	0	34	89	41	19	5	13	9	23	0	366
(1)	5.46	11.75	9.56	4.92	1.09	1.91	1.64	.00	9.29	24.32	11.20	5.19	1.37	3.55	2.46	6.28	.00	100.00
(2)	.92	1.98	1.61	.83	.18	.32	.28	.00	1.56	4.09	1.88	.87	.23	.60	.41	1.06	.00	16.82

33.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 4.46

	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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	3	2	1	0	1	0	1	0	0	0	0	0	0	1	0	1	0	10
(1)	3.09	2.06	1.03	.00	1.03	.00	1.03	.00	.00	.00	.00	.00	.00	1.03	.00	1.03	.00	10.31
(2)	.14	.09	.05	.00	.05	.00	.05	.00	.00	.00	.00	.00	.00	.05	.00	.05	.00	.46
4-7	2	6	9	8	5	1	3	1	4	4	7	2	4	3	1	0	0	60
(1)	2.06	6.19	9.28	8.25	5.15	1.03	3.09	1.03	4.12	4.12	7.22	2.06	4.12	3.09	1.03	.00	.00	61.86
(2)	.09	.28	.41	.37	.23	.05	.14	.05	.18	.18	.32	.09	.18	.14	.05	.00	.00	2.76
8-12	0	5	1	0	0	0	0	0	6	12	3	0	0	0	0	0	0	27
(1)	.00	5.15	1.03	.00	.00	.00	.00	.00	6.19	12.37	3.09	.00	.00	.00	.00	.00	.00	27.84
(2)	.00	.23	.05	.00	.00	.00	.00	.00	.28	.55	.14	.00	.00	.00	.00	.00	.00	1.24
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	5	13	11	8	6	1	4	1	10	16	10	2	4	4	1	1	0	97
(1)	5.15	13.40	11.34	8.25	6.19	1.03	4.12	1.03	10.31	16.49	10.31	2.06	4.12	4.12	1.03	1.03	.00	100.00
(2)	.23	.60	.51	.37	.28	.05	.18	.05	.46	.74	.46	.09	.18	.18	.05	.05	.00	4.46

(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 0.95 MPH)

Table A-1 (continued)

PILGRIM JUL01-SEP01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 4.23

	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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	0	2	0	0	1	0	0	0	0	0	0	0	2	1	2	0	9
(1)	1.09	.00	2.17	.00	.00	1.09	.00	.00	.00	.00	.00	.00	.00	2.17	1.09	2.17	.00	9.78
(2)	.05	.00	.09	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.09	.05	.09	.00	.41
4-7	1	1	5	8	8	3	2	0	4	11	8	5	2	1	0	0	0	59
(1)	1.09	1.09	5.43	8.70	8.70	3.26	2.17	.00	4.35	11.96	8.70	5.43	2.17	1.09	.00	.00	.00	64.13
(2)	.05	.05	.23	.37	.37	.14	.09	.00	.18	.51	.37	.23	.09	.05	.00	.00	.00	2.71
8-12	0	2	2	0	0	0	0	0	8	9	2	1	0	0	0	0	0	24
(1)	.00	2.17	2.17	.00	.00	.00	.00	.00	8.70	9.78	2.17	1.09	.00	.00	.00	.00	.00	26.09
(2)	.00	.09	.09	.00	.00	.00	.00	.00	.37	.41	.09	.05	.00	.00	.00	.00	.00	1.10
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	2	3	9	8	8	4	2	0	12	20	10	6	2	3	1	2	0	92
(1)	2.17	3.26	9.78	8.70	8.70	4.35	2.17	.00	13.04	21.74	10.87	6.52	2.17	3.26	1.09	2.17	.00	100.00
(2)	.09	.14	.41	.37	.37	.18	.09	.00	.55	.92	.46	.28	.09	.14	.05	.09	.00	4.23

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 26.33

	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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	9	3	19	15	10	7	10	6	12	12	8	7	6	11	11	8	0	154
(1)	1.57	.52	3.32	2.62	1.75	1.22	1.75	1.05	2.09	2.09	1.40	1.22	1.05	1.92	1.92	1.40	.00	26.88
(2)	.41	.14	.87	.69	.46	.32	.46	.28	.55	.55	.37	.32	.28	.51	.51	.37	.00	7.08
4-7	16	14	14	18	19	15	16	10	62	70	30	12	3	6	4	5	0	314
(1)	2.79	2.44	2.44	3.14	3.32	2.62	2.79	1.75	10.82	12.22	5.24	2.09	.52	1.05	.70	.87	.00	54.80
(2)	.74	.64	.64	.83	.87	.69	.74	.46	2.85	3.22	1.38	.55	.14	.28	.18	.23	.00	14.43
8-12	2	20	9	0	0	0	0	4	10	45	3	0	0	0	0	0	0	93
(1)	.35	3.49	1.57	.00	.00	.00	.00	.70	1.75	7.85	.52	.00	.00	.00	.00	.00	.00	16.23
(2)	.09	.92	.41	.00	.00	.00	.00	.18	.46	2.07	.14	.00	.00	.00	.00	.00	.00	4.27
13-18	0	2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
(1)	.00	.35	1.75	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.09
(2)	.00	.09	.46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.55
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	27	39	52	33	29	22	26	20	84	127	41	19	9	17	15	13	0	573
(1)	4.71	6.81	9.08	5.76	5.06	3.84	4.54	3.49	14.66	22.16	7.16	3.32	1.57	2.97	2.62	2.27	.00	100.00
(2)	1.24	1.79	2.39	1.52	1.33	1.01	1.19	.92	3.86	5.84	1.88	.87	.41	.78	.69	.60	.00	26.33

(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 0.95 MPH)

Table A-1 (continued)

PILGRIM JUL01-SEP01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 33.27

	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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	10	10	10	23	13	16	19	20	23	12	6	17	21	21	20	16	0	257
(1)	1.38	1.38	1.38	3.18	1.80	2.21	2.62	2.76	3.18	1.66	.83	2.35	2.90	2.90	2.76	2.21	.00	35.50
(2)	.46	.46	.46	1.06	.60	.74	.87	.92	1.06	.55	.28	.78	.97	.97	.92	.74	.00	11.81
4-7	9	5	2	11	3	5	16	1	61	110	78	37	9	8	11	13	0	379
(1)	1.24	.69	.28	1.52	.41	.69	2.21	.14	8.43	15.19	10.77	5.11	1.24	1.10	1.52	1.80	.00	52.35
(2)	.41	.23	.09	.51	.14	.23	.74	.05	2.80	5.06	3.58	1.70	.41	.37	.51	.60	.00	17.42
8-12	0	1	0	0	0	0	0	0	1	70	12	1	3	0	0	0	0	88
(1)	.00	.14	.00	.00	.00	.00	.00	.00	.14	9.67	1.66	.14	.41	.00	.00	.00	.00	12.15
(2)	.00	.05	.00	.00	.00	.00	.00	.00	.05	3.22	.55	.05	.14	.00	.00	.00	.00	4.04
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	19	16	12	34	16	21	35	21	85	192	96	55	33	29	31	29	0	724
(1)	2.62	2.21	1.66	4.70	2.21	2.90	4.83	2.90	11.74	26.52	13.26	7.60	4.56	4.01	4.28	4.01	.00	100.00
(2)	.87	.74	.55	1.56	.74	.97	1.61	.97	3.91	8.82	4.41	2.53	1.52	1.33	1.42	1.33	.00	33.27

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

	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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	0	1	2	0	0	1	2	10	24	9	20	8	3	4	0	0	85
(1)	.38	.00	.38	.77	.00	.00	.38	.77	3.85	9.23	3.46	7.69	3.08	1.15	1.54	.00	.00	32.69
(2)	.05	.00	.05	.09	.00	.00	.05	.09	.46	1.10	.41	.92	.37	.14	.18	.00	.00	3.91
4-7	1	0	0	2	1	1	0	0	9	37	73	15	2	1	1	3	0	146
(1)	.38	.00	.00	.77	.38	.38	.00	.00	3.46	14.23	28.08	5.77	.77	.38	.38	1.15	.00	56.15
(2)	.05	.00	.00	.09	.05	.05	.00	.00	.41	1.70	3.35	.69	.09	.05	.05	.14	.00	6.71
8-12	0	0	0	0	0	0	0	0	0	12	17	0	0	0	0	0	0	29
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.62	6.54	.00	.00	.00	.00	.00	.00	11.15
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.55	.78	.00	.00	.00	.00	.00	.00	1.33
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	2	0	1	4	1	1	1	2	19	73	99	35	10	4	5	3	0	260
(1)	.77	.00	.38	1.54	.38	.38	.38	.77	7.31	28.08	38.08	13.46	3.85	1.54	1.92	1.15	.00	100.00
(2)	.09	.00	.05	.18	.05	.05	.05	.09	.87	3.35	4.55	1.61	.46	.18	.23	.14	.00	11.95

(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 0.95 MPH)

Table A-1 (continued)

PILGRIM JUL01-SEP01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 2.94

	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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	1	0	0	1	2	8	7	2	0	0	0	0	21
(1)	.00	.00	.00	.00	.00	1.56	.00	.00	1.56	3.13	12.50	10.94	3.13	.00	.00	.00	.00	32.81
(2)	.00	.00	.00	.00	.00	.05	.00	.00	.05	.09	.37	.32	.09	.00	.00	.00	.00	.97
4-7	0	0	0	0	0	0	0	0	0	13	24	1	0	0	0	0	0	38
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.31	37.50	1.56	.00	.00	.00	.00	.00	59.38
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.60	1.10	.05	.00	.00	.00	.00	.00	1.75
8-12	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.25	1.56	.00	.00	.00	.00	.00	.00	7.81
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18	.05	.00	.00	.00	.00	.00	.00	.23
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	0	0	0	0	1	0	0	1	19	33	8	2	0	0	0	0	64
(1)	.00	.00	.00	.00	.00	1.56	.00	.00	1.56	29.69	51.56	12.50	3.13	.00	.00	.00	.00	100.00
(2)	.00	.00	.00	.00	.00	.05	.00	.00	.05	.87	1.52	.37	.09	.00	.00	.00	.00	2.94

33.0 FT WIND DATA 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	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	28	18	35	44	25	25	31	28	47	50	31	52	39	38	39	30	0	560
(1)	1.29	.83	1.61	2.02	1.15	1.15	1.42	1.29	2.16	2.30	1.42	2.39	1.79	1.75	1.79	1.38	.00	25.74
(2)	1.29	.83	1.61	2.02	1.15	1.15	1.42	1.29	2.16	2.30	1.42	2.39	1.79	1.75	1.79	1.38	.00	25.74
4-7	45	62	63	61	39	32	43	12	158	288	247	89	23	29	23	41	0	1255
(1)	2.07	2.85	2.90	2.80	1.79	1.47	1.98	.55	7.26	13.24	11.35	4.09	1.06	1.33	1.06	1.88	.00	57.67
(2)	2.07	2.85	2.90	2.80	1.79	1.47	1.98	.55	7.26	13.24	11.35	4.09	1.06	1.33	1.06	1.88	.00	57.67
8-12	2	32	12	0	0	0	0	4	40	198	52	3	3	3	0	0	0	349
(1)	.09	1.47	.55	.00	.00	.00	.00	.18	1.84	9.10	2.39	.14	.14	.14	.00	.00	.00	16.04
(2)	.09	1.47	.55	.00	.00	.00	.00	.18	1.84	9.10	2.39	.14	.14	.14	.00	.00	.00	16.04
13-18	0	2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
(1)	.00	.09	.46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.55
(2)	.00	.09	.46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.55
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	75	114	120	105	64	57	74	44	245	536	330	144	65	70	62	71	0	2176
(1)	3.45	5.24	5.51	4.83	2.94	2.62	3.40	2.02	11.26	24.63	15.17	6.62	2.99	3.22	2.85	3.26	.00	100.00
(2)	3.45	5.24	5.51	4.83	2.94	2.62	3.40	2.02	11.26	24.63	15.17	6.62	2.99	3.22	2.85	3.26	.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 0.95 MPH)

Table A-1 (continued)

PILGRIM OCT01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 8.28

SPEED(MPH)		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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		1	1	0	2	0	0	0	0	0	0	0	0	1	1	2	3	0	11
	(1)	.60	.60	.00	1.19	.00	.00	.00	.00	.00	.00	.00	.00	.60	.60	1.19	1.79	.00	6.55
	(2)	.05	.05	.00	.10	.00	.00	.00	.00	.00	.00	.00	.00	.05	.05	.10	.15	.00	.54
4-7		7	8	2	3	1	0	2	0	2	8	9	6	11	10	8	9	0	86
	(1)	4.17	4.76	1.19	1.79	.60	.00	1.19	.00	1.19	4.76	5.36	3.57	6.55	5.95	4.76	5.36	.00	51.19
	(2)	.35	.39	.10	.15	.05	.00	.10	.00	.10	.39	.44	.30	.54	.49	.39	.44	.00	4.24
8-12		6	6	0	0	0	0	1	1	5	11	14	2	3	7	13	2	0	71
	(1)	3.57	3.57	.00	.00	.00	.00	.60	.60	2.98	6.55	8.33	1.19	1.79	4.17	7.74	1.19	.00	42.26
	(2)	.30	.30	.00	.00	.00	.00	.05	.05	.25	.54	.69	.10	.15	.35	.64	.10	.00	3.50
13-18		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		14	15	2	5	1	0	3	1	7	19	23	8	15	18	23	14	0	168
	(1)	8.33	8.93	1.19	2.98	.60	.00	1.79	.60	4.17	11.31	13.69	4.76	8.93	10.71	13.69	8.33	.00	100.00
	(2)	.69	.74	.10	.25	.05	.00	.15	.05	.35	.94	1.13	.39	.74	.89	1.13	.69	.00	8.28

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 4.83

SPEED(MPH)		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	2	0	0	0	0	0	2
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.04	.00	.00	.00	.00	.00	2.04
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.10
C-3		1	0	0	1	0	0	0	0	0	1	0	1	3	0	1	2	0	10
	(1)	1.02	.00	.00	1.02	.00	.00	.00	.00	.00	1.02	.00	1.02	3.06	.00	1.02	2.04	.00	10.20
	(2)	.05	.00	.00	.05	.00	.00	.00	.00	.00	.05	.00	.05	.15	.00	.05	.10	.00	.49
4-7		0	1	1	3	0	0	2	0	5	4	8	5	5	2	1	1	0	38
	(1)	.00	1.02	1.02	3.06	.00	.00	2.04	.00	5.10	4.08	8.16	5.10	5.10	2.04	1.02	1.02	.00	38.78
	(2)	.00	.05	.05	.15	.00	.00	.10	.00	.25	.20	.39	.25	.25	.10	.05	.05	.00	1.87
8-12		2	4	4	0	0	0	1	2	1	11	6	6	5	3	3	0	0	48
	(1)	2.04	4.08	4.08	.00	.00	.00	1.02	2.04	1.02	11.22	6.12	6.12	5.10	3.06	3.06	.00	.00	48.98
	(2)	.10	.20	.20	.00	.00	.00	.05	.10	.05	.54	.30	.30	.25	.15	.15	.00	.00	2.37
13-18		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		3	5	5	4	0	0	3	2	6	16	14	14	13	5	5	3	0	98
	(1)	3.06	5.10	5.10	4.08	.00	.00	3.06	2.04	6.12	16.33	14.29	14.29	13.27	5.10	5.10	3.06	.00	100.00
	(2)	.15	.25	.25	.20	.00	.00	.15	.10	.30	.79	.69	.69	.64	.25	.25	.15	.00	4.83

(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 0.95 MPH)

Table A-1 (continued)

PILGRIM OCT01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 5.13

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		1	0	0	1	0	0	0	0	0	0	1	1	4	2	0	3	0	13
	(1)	.96	.00	.00	.96	.00	.00	.00	.00	.00	.00	.96	.96	3.85	1.92	.00	2.88	.00	12.50
	(2)	.05	.00	.00	.05	.00	.00	.00	.00	.00	.00	.05	.05	.20	.10	.00	.15	.00	.64
4-7		2	1	1	2	1	1	5	0	0	10	9	5	4	4	1	1	0	47
	(1)	1.92	.96	.96	1.92	.96	.96	4.81	.00	.00	9.62	8.65	4.81	3.85	3.85	.96	.96	.00	45.19
	(2)	.10	.05	.05	.10	.05	.05	.25	.00	.00	.49	.44	.25	.20	.20	.05	.05	.00	2.32
8-12		2	1	11	1	0	0	0	0	3	9	4	3	3	2	2	1	0	42
	(1)	1.92	.96	10.58	.96	.00	.00	.00	.00	2.88	8.65	3.85	2.88	2.88	1.92	1.92	.96	.00	40.38
	(2)	.10	.05	.54	.05	.00	.00	.00	.00	.15	.44	.20	.15	.15	.10	.10	.05	.00	2.07
13-18		0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
	(1)	.00	.96	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.96	.00	.00	.00	.00	1.92
	(2)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.10
19-24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		5	3	12	4	1	1	5	0	3	19	14	9	12	8	3	5	0	104
	(1)	4.81	2.88	11.54	3.85	.96	.96	4.81	.00	2.88	18.27	13.46	8.65	11.54	7.69	2.88	4.81	.00	100.00
	(2)	.25	.15	.59	.20	.05	.05	.25	.00	.15	.94	.69	.44	.59	.39	.15	.25	.00	5.13

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 35.95

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	3
	(1)	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.00	.00	.00	.14	.00	.00	.41
	(2)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.05	.00	.00	.15
C-3		2	8	6	10	11	8	8	1	11	10	17	5	3	9	3	3	0	115
	(1)	.27	1.10	.82	1.37	1.51	1.10	1.10	.14	1.51	1.37	2.33	.69	.41	1.23	.41	.41	.00	15.78
	(2)	.10	.39	.30	.49	.54	.39	.39	.05	.54	.49	.84	.25	.15	.44	.15	.15	.00	5.67
4-7		9	4	1	4	14	14	16	11	42	62	33	47	23	16	25	5	0	326
	(1)	1.23	.55	.14	.55	1.92	1.92	2.19	1.51	5.76	8.50	4.53	6.45	3.16	2.19	3.43	.69	.00	44.72
	(2)	.44	.20	.05	.20	.69	.69	.79	.54	2.07	3.06	1.63	2.32	1.13	.79	1.23	.25	.00	16.07
8-12		3	22	11	12	3	2	2	6	29	76	12	14	21	16	46	6	0	281
	(1)	.41	3.02	1.51	1.65	.41	.27	.27	.82	3.98	10.43	1.65	1.92	2.88	2.19	6.31	.82	.00	38.55
	(2)	.15	1.08	.54	.59	.15	.10	.10	.30	1.43	3.75	.59	.69	1.04	.79	2.27	.30	.00	13.86
13-18		0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	0	0	4
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.14	.27	.00	.00	.00	.00	.14	.00	.00	.55
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.05	.10	.00	.00	.00	.00	.05	.00	.00	.20
19-24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		15	34	18	26	28	24	26	18	83	150	63	66	47	41	76	14	0	729
	(1)	2.06	4.66	2.47	3.57	3.84	3.29	3.57	2.47	11.39	20.58	8.64	9.05	6.45	5.62	10.43	1.92	.00	100.00
	(2)	.74	1.68	.89	1.28	1.38	1.18	1.28	.89	4.09	7.40	3.11	3.25	2.32	2.02	3.75	.69	.00	35.95

(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 0.95 MPH)

Table A-1 (continued)

PILGRIM OCT01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 37.87

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	2	0	0	1	1	0	0	3	3	0	1	0	1	0	0	0	12
(1)	.00	.26	.00	.00	.13	.13	.00	.00	.39	.39	.00	.13	.00	.13	.00	.00	.00	1.56
(2)	.00	.10	.00	.00	.05	.05	.00	.00	.15	.15	.00	.05	.00	.05	.00	.00	.00	.59
C-3	3	2	6	1	2	11	11	12	21	18	21	35	19	15	5	6	0	188
(1)	.39	.26	.78	.13	.26	1.43	1.43	1.56	2.73	2.34	2.73	4.56	2.47	1.95	.65	.78	.00	24.48
(2)	.15	.10	.30	.05	.10	.54	.54	.59	1.04	.89	1.04	1.73	.94	.74	.25	.30	.00	9.27
4-7	7	1	0	0	2	0	11	30	37	82	71	116	50	31	19	7	0	464
(1)	.91	.13	.00	.00	.26	.00	1.43	3.91	4.82	10.68	9.24	15.10	6.51	4.04	2.47	.91	.00	60.42
(2)	.35	.05	.00	.00	.10	.00	.54	1.48	1.82	4.04	3.50	5.72	2.47	1.53	.94	.35	.00	22.88
8-12	0	0	0	0	0	0	0	0	5	33	22	22	6	11	5	0	0	104
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.65	4.30	2.86	2.86	.78	1.43	.65	.00	.00	13.54
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.25	1.63	1.08	1.08	.30	.54	.25	.00	.00	5.13
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	10	5	6	1	5	12	22	42	66	136	114	174	75	58	29	13	0	768
(1)	1.30	.65	.78	.13	.65	1.56	2.86	5.47	8.59	17.71	14.84	22.66	9.77	7.55	3.78	1.69	.00	100.00
(2)	.49	.25	.30	.05	.25	.59	1.08	2.07	3.25	6.71	5.62	8.58	3.70	2.86	1.43	.64	.00	37.87

33.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 6.26

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	1	1	2	1	0	3	2	0	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.79	.79	1.57	.79	.00	2.36	1.57	.00	.00	.00	7.87
(2)	.00	.00	.00	.00	.00	.00	.00	.05	.05	.10	.05	.00	.15	.10	.00	.00	.00	.49
C-3	0	0	0	0	0	0	4	5	7	15	15	14	1	1	0	0	0	62
(1)	.00	.00	.00	.00	.00	.00	3.15	3.94	5.51	11.81	11.81	11.02	.79	.79	.00	.00	.00	48.82
(2)	.00	.00	.00	.00	.00	.00	.20	.25	.35	.74	.74	.69	.05	.05	.00	.00	.00	3.06
4-7	0	0	0	0	0	0	1	3	3	13	22	13	0	0	0	0	0	55
(1)	.00	.00	.00	.00	.00	.00	.79	2.36	2.36	10.24	17.32	10.24	.00	.00	.00	.00	.00	43.31
(2)	.00	.00	.00	.00	.00	.00	.05	.15	.15	.64	1.08	.64	.00	.00	.00	.00	.00	2.71
8-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	0	0	0	0	0	5	9	11	30	38	27	4	3	0	0	0	127
(1)	.00	.00	.00	.00	.00	.00	3.94	7.09	8.66	23.62	29.92	21.26	3.15	2.36	.00	.00	.00	100.00
(2)	.00	.00	.00	.00	.00	.00	.25	.44	.54	1.48	1.87	1.33	.20	.15	.00	.00	.00	6.26

(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 0.95 MPH)

Table A-1 (continued)

PILGRIM OCT01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 1.68

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	(1)	.00	.00	.00	.00	.00	.00	2.94	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.94
	(2)	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
C-3		0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.88	2.94	.00	.00	.00	.00	.00	8.82
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.05	.00	.00	.00	.00	.00	.15
4-7		0	0	0	0	0	0	0	0	0	6	13	9	0	0	0	0	0	28
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.65	38.24	26.47	.00	.00	.00	.00	.00	82.35
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.30	.64	.44	.00	.00	.00	.00	.00	1.38
8-12		0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.88	.00	.00	.00	.00	.00	.00	.00	5.88
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.10
13-18		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		0	0	0	0	0	0	1	0	0	8	15	10	0	0	0	0	0	34
	(1)	.00	.00	.00	.00	.00	.00	2.94	.00	.00	23.53	44.12	29.41	.00	.00	.00	.00	.00	100.00
	(2)	.00	.00	.00	.00	.00	.00	.05	.00	.00	.39	.74	.49	.00	.00	.00	.00	.00	1.68

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

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		1	2	0	0	1	1	1	1	4	5	2	3	3	3	1	0	0	28
	(1)	.05	.10	.00	.00	.05	.05	.05	.05	.20	.25	.10	.15	.15	.15	.05	.00	.00	1.38
	(2)	.05	.10	.00	.00	.05	.05	.05	.05	.20	.25	.10	.15	.15	.15	.05	.00	.00	1.38
C-3		8	11	12	15	13	19	23	18	39	44	56	57	31	28	11	17	0	402
	(1)	.39	.54	.59	.74	.64	.94	1.13	.89	1.92	2.17	2.76	2.81	1.53	1.38	.54	.84	.00	19.82
	(2)	.39	.54	.59	.74	.64	.94	1.13	.89	1.92	2.17	2.76	2.81	1.53	1.38	.54	.84	.00	19.82
4-7		25	15	5	12	18	15	37	44	89	185	165	201	93	63	54	23	0	1044
	(1)	1.23	.74	.25	.59	.89	.74	1.82	2.17	4.39	9.12	8.14	9.91	4.59	3.11	2.66	1.13	.00	51.48
	(2)	1.23	.74	.25	.59	.89	.74	1.82	2.17	4.39	9.12	8.14	9.91	4.59	3.11	2.66	1.13	.00	51.48
8-12		13	33	26	13	3	2	4	9	43	142	58	47	38	39	69	9	0	548
	(1)	.64	1.63	1.28	.64	.15	.10	.20	.44	2.12	7.00	2.86	2.32	1.87	1.92	3.40	.44	.00	27.02
	(2)	.64	1.63	1.28	.64	.15	.10	.20	.44	2.12	7.00	2.86	2.32	1.87	1.92	3.40	.44	.00	27.02
13-18		0	1	0	0	0	0	0	0	1	2	0	0	1	0	1	0	0	6
	(1)	.00	.05	.00	.00	.00	.00	.00	.00	.05	.10	.00	.00	.05	.00	.05	.00	.00	.30
	(2)	.00	.05	.00	.00	.00	.00	.00	.00	.05	.10	.00	.00	.05	.00	.05	.00	.00	.30
19-24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		47	62	43	40	35	37	65	72	176	378	281	308	166	133	136	49	0	2028
	(1)	2.32	3.06	2.12	1.97	1.73	1.82	3.21	3.55	8.68	18.64	13.86	15.19	8.19	6.56	6.71	2.42	.00	100.00
	(2)	2.32	3.06	2.12	1.97	1.73	1.82	3.21	3.55	8.68	18.64	13.86	15.19	8.19	6.56	6.71	2.42	.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 0.95 MPH)

Table A-2
Distributions of Wind Directions and Speeds for the 220-ft Level of the 220-ft Tower

PILGRIM JAN01-MAR01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

220.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 9.79

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.49	.00	.49	.00	.98
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.05	.00	.10
4-7		0	1	3	0	0	0	0	0	0	0	0	0	1	4	3	1	0	13
	(1)	.00	.49	1.47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.49	1.96	1.47	.49	.00	6.37
	(2)	.00	.05	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.19	.14	.05	.00	.62
8-12		6	5	3	0	4	0	0	1	0	1	0	4	11	16	5	3	0	59
	(1)	2.94	2.45	1.47	.00	1.96	.00	.00	.49	.00	.49	.00	1.96	5.39	7.84	2.45	1.47	.00	28.92
	(2)	.29	.24	.14	.00	.19	.00	.00	.05	.00	.05	.00	.19	.53	.77	.24	.14	.00	2.83
13-18		3	1	6	0	1	1	1	0	0	2	3	2	11	14	9	14	0	68
	(1)	1.47	.49	2.94	.00	.49	.49	.49	.00	.00	.98	1.47	.98	5.39	6.86	4.41	6.86	.00	33.33
	(2)	.14	.05	.29	.00	.05	.05	.05	.00	.00	.10	.14	.10	.53	.67	.43	.67	.00	3.26
19-24		0	0	1	0	0	0	0	0	1	4	3	2	11	17	1	0	0	40
	(1)	.00	.00	.49	.00	.00	.00	.00	.00	.49	1.96	1.47	.98	5.39	8.33	.49	.00	.00	19.61
	(2)	.00	.00	.05	.00	.00	.00	.00	.00	.05	.19	.14	.10	.53	.82	.05	.00	.00	1.92
GT 24		0	0	2	0	0	0	0	0	0	0	0	0	2	14	3	1	0	22
	(1)	.00	.00	.98	.00	.00	.00	.00	.00	.00	.00	.00	.00	.98	6.86	1.47	.49	.00	10.78
	(2)	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.67	.14	.05	.00	1.06
ALL SPEEDS		9	7	15	0	5	1	1	1	1	7	6	8	36	66	21	20	0	204
	(1)	4.41	3.43	7.35	.00	2.45	.49	.49	.49	.49	3.43	2.94	3.92	17.65	32.35	10.29	9.80	.00	100.00
	(2)	.43	.34	.72	.00	.24	.05	.05	.05	.05	.34	.29	.38	1.73	3.17	1.01	.96	.00	9.79

220.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 4.03

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4-7		6	0	2	2	1	0	0	0	0	0	0	0	0	0	2	2	0	15
	(1)	7.14	.00	2.38	2.38	1.19	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.38	2.38	.00	17.86
	(2)	.29	.00	.10	.10	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.10	.00	.72
8-12		0	0	0	0	1	1	1	0	5	2	0	2	3	0	0	1	0	16
	(1)	.00	.00	.00	.00	1.19	1.19	1.19	.00	5.95	2.38	.00	2.38	3.57	.00	.00	1.19	.00	19.05
	(2)	.00	.00	.00	.00	.05	.05	.05	.00	.24	.10	.00	.10	.14	.00	.00	.05	.00	.77
13-18		3	3	4	0	1	1	0	0	0	1	1	3	7	3	1	1	0	29
	(1)	3.57	3.57	4.76	.00	1.19	1.19	.00	.00	.00	1.19	1.19	3.57	8.33	3.57	1.19	1.19	.00	34.52
	(2)	.14	.14	.19	.00	.05	.05	.00	.00	.00	.05	.05	.14	.34	.14	.05	.05	.00	1.39
19-24		0	0	0	0	1	0	0	0	0	3	0	0	7	2	1	2	0	16
	(1)	.00	.00	.00	.00	1.19	.00	.00	.00	.00	3.57	.00	.00	8.33	2.38	1.19	2.38	.00	19.05
	(2)	.00	.00	.00	.00	.05	.00	.00	.00	.00	.14	.00	.00	.34	.10	.05	.10	.00	.77
GT 24		0	0	1	0	0	0	0	0	0	0	0	0	0	5	1	1	0	8
	(1)	.00	.00	1.19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.95	1.19	1.19	.00	9.52
	(2)	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24	.05	.05	.00	.38
ALL SPEEDS		9	3	7	2	4	2	1	0	5	6	1	5	17	10	5	7	0	84
	(1)	10.71	3.57	8.33	2.38	4.76	2.38	1.19	.00	5.95	7.14	1.19	5.95	20.24	11.90	5.95	8.33	.00	100.00
	(2)	.43	.14	.34	.10	.19	.10	.05	.00	.24	.29	.05	.24	.82	.48	.24	.34	.00	4.03

(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 0.95 MPH)

Table A-2 (continued)

PILGRIM JAN01-MAR01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

220.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 4.75

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	1.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.01
(2)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
4-7	2	2	0	3	0	0	0	0	0	0	0	2	0	2	2	3	0	16
(1)	2.02	2.02	.00	3.03	.00	.00	.00	.00	.00	.00	.00	2.02	.00	2.02	2.02	3.03	.00	16.16
(2)	.10	.10	.00	.14	.00	.00	.00	.00	.00	.00	.00	.10	.00	.10	.10	.14	.00	.77
8-12	0	1	0	0	3	0	1	0	3	3	1	5	0	3	0	1	0	21
(1)	.00	1.01	.00	.00	3.03	.00	1.01	.00	3.03	3.03	1.01	5.05	.00	3.03	.00	1.01	.00	21.21
(2)	.00	.05	.00	.00	.14	.00	.05	.00	.14	.14	.05	.24	.00	.14	.00	.05	.00	1.01
13-18	1	2	2	0	2	1	0	0	0	1	1	2	6	6	2	2	0	28
(1)	1.01	2.02	2.02	.00	2.02	1.01	.00	.00	.00	1.01	1.01	2.02	6.06	6.06	2.02	2.02	.00	28.28
(2)	.05	.10	.10	.00	.10	.05	.00	.00	.00	.05	.05	.10	.29	.29	.10	.10	.00	1.34
19-24	0	0	0	0	1	0	0	0	0	0	3	3	2	2	1	0	0	12
(1)	.00	.00	.00	.00	1.01	.00	.00	.00	.00	.00	3.03	3.03	2.02	2.02	1.01	.00	.00	12.12
(2)	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.14	.14	.10	.10	.05	.00	.00	.58
GT 24	0	0	4	0	0	0	0	0	0	0	0	2	3	10	2	0	0	21
(1)	.00	.00	4.04	.00	.00	.00	.00	.00	.00	.00	.00	2.02	3.03	10.10	2.02	.00	.00	21.21
(2)	.00	.00	.19	.00	.00	.00	.00	.00	.00	.00	.00	.10	.14	.48	.10	.00	.00	1.01
ALL SPEEDS	3	6	6	3	6	1	1	0	3	4	5	14	11	23	7	6	0	99
(1)	3.03	6.06	6.06	3.03	6.06	1.01	1.01	.00	3.03	4.04	5.05	14.14	11.11	23.23	7.07	6.06	.00	100.00
(2)	.14	.29	.29	.14	.29	.05	.05	.00	.14	.19	.24	.67	.53	1.10	.34	.29	.00	4.75

220.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 32.93

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.15
(2)	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
C-3	1	3	2	1	0	0	1	0	0	0	0	0	2	1	1	1	0	13
(1)	.15	.44	.29	.15	.00	.00	.15	.00	.00	.00	.00	.00	.29	.15	.15	.15	.00	1.90
(2)	.05	.14	.10	.05	.00	.00	.05	.00	.00	.00	.00	.00	.10	.05	.05	.05	.00	.62
4-7	1	4	3	4	4	6	1	5	5	2	6	2	2	2	2	0	0	49
(1)	.15	.58	.44	.58	.58	.87	.15	.73	.73	.29	.87	.29	.29	.29	.29	.00	.00	7.14
(2)	.05	.19	.14	.19	.19	.29	.05	.24	.24	.10	.29	.10	.10	.10	.10	.00	.00	2.35
8-12	3	5	5	3	2	10	12	8	18	15	10	9	8	8	6	4	0	126
(1)	.44	.73	.73	.44	.29	1.46	1.75	1.17	2.62	2.19	1.46	1.31	1.17	1.17	.87	.58	.00	18.37
(2)	.14	.24	.24	.14	.10	.48	.58	.38	.86	.72	.48	.43	.38	.38	.29	.19	.00	6.05
13-18	12	7	11	12	7	5	3	1	6	11	6	31	35	35	19	13	0	214
(1)	1.75	1.02	1.60	1.75	1.02	.73	.44	.15	.87	1.60	.87	4.52	5.10	5.10	2.77	1.90	.00	31.20
(2)	.58	.34	.53	.58	.34	.24	.14	.05	.29	.53	.29	1.49	1.68	1.68	.91	.62	.00	10.27
19-24	1	1	6	12	7	4	3	0	1	9	6	10	28	32	28	5	0	153
(1)	.15	.15	.87	1.75	1.02	.58	.44	.00	.15	1.31	.87	1.46	4.08	4.66	4.08	.73	.00	22.30
(2)	.05	.05	.29	.58	.34	.19	.14	.00	.05	.43	.29	.48	1.34	1.54	1.34	.24	.00	7.35
GT 24	1	2	6	7	4	0	0	0	0	0	0	2	35	51	21	1	0	130
(1)	.15	.29	.87	1.02	.58	.00	.00	.00	.00	.00	.00	.29	5.10	7.43	3.06	.15	.00	18.95
(2)	.05	.10	.29	.34	.19	.00	.00	.00	.00	.00	.00	.10	1.68	2.45	1.01	.05	.00	6.24
ALL SPEEDS	19	22	33	39	24	25	21	14	30	37	28	54	110	129	77	24	0	686
(1)	2.77	3.21	4.81	5.69	3.50	3.64	3.06	2.04	4.37	5.39	4.08	7.87	16.03	18.80	11.22	3.50	.00	100.00
(2)	.91	1.06	1.58	1.87	1.15	1.20	1.01	.67	1.44	1.78	1.34	2.59	5.28	6.19	3.70	1.15	.00	32.93

(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 0.95 MPH)

Table A-2 (continued)

PILGRIM JAN01-MAR01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

220.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 42.20

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																		
CALM		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	(1)	.00	.00	.00	.00	.00	.00	.11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11
	(2)	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
C-3		0	1	0	0	1	0	1	1	0	1	0	0	0	0	1	1	0	7
	(1)	.00	.11	.00	.00	.11	.00	.11	.11	.00	.11	.00	.00	.00	.00	.11	.11	.00	.80
	(2)	.00	.05	.00	.00	.05	.00	.05	.05	.00	.05	.00	.00	.00	.00	.05	.05	.00	.34
4-7		2	8	1	4	4	8	4	2	3	4	4	1	1	3	5	3	0	57
	(1)	.23	.91	.11	.46	.46	.91	.46	.23	.34	.46	.46	.11	.11	.34	.57	.34	.00	6.48
	(2)	.10	.38	.05	.19	.19	.38	.19	.10	.14	.19	.19	.05	.05	.14	.24	.14	.00	2.74
8-12		8	5	2	4	0	7	16	11	10	14	13	13	20	37	25	6	0	191
	(1)	.91	.57	.23	.46	.00	.80	1.82	1.25	1.14	1.59	1.48	1.48	2.28	4.21	2.84	.68	.00	21.73
	(2)	.38	.24	.10	.19	.00	.34	.77	.53	.48	.67	.62	.62	.96	1.78	1.20	.29	.00	9.17
13-18		5	4	3	4	5	4	15	10	11	22	42	58	67	40	22	7	0	319
	(1)	.57	.46	.34	.46	.57	.46	1.71	1.14	1.25	2.50	4.78	6.60	7.62	4.55	2.50	.80	.00	36.29
	(2)	.24	.19	.14	.19	.24	.19	.72	.48	.53	1.06	2.02	2.78	3.22	1.92	1.06	.34	.00	15.31
19-24		6	1	0	5	7	4	2	3	1	23	33	36	40	21	5	5	0	192
	(1)	.68	.11	.00	.57	.80	.46	.23	.34	.11	2.62	3.75	4.10	4.55	2.39	.57	.57	.00	21.84
	(2)	.29	.05	.00	.24	.34	.19	.10	.14	.05	1.10	1.58	1.73	1.92	1.01	.24	.24	.00	9.22
GT 24		2	11	12	10	16	4	1	1	0	10	4	0	8	18	9	6	0	112
	(1)	.23	1.25	1.37	1.14	1.82	.46	.11	.11	.00	1.14	.46	.00	.91	2.05	1.02	.68	.00	12.74
	(2)	.10	.53	.58	.48	.77	.19	.05	.05	.00	.48	.19	.00	.38	.86	.43	.29	.00	5.38
ALL SPEEDS		23	30	18	27	33	27	40	28	25	74	96	108	136	119	67	28	0	879
	(1)	2.62	3.41	2.05	3.07	3.75	3.07	4.55	3.19	2.84	8.42	10.92	12.29	15.47	13.54	7.62	3.19	.00	100.00
	(2)	1.10	1.44	.86	1.30	1.58	1.30	1.92	1.34	1.20	3.55	4.61	5.18	6.53	5.71	3.22	1.34	.00	42.20

220.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 6.05

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																		
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3
	(1)	.79	.00	.79	.00	.00	.00	.00	.79	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.38
	(2)	.05	.00	.05	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
4-7		1	2	0	3	0	1	2	0	1	1	1	2	3	2	1	1	0	21
	(1)	.79	1.59	.00	2.38	.00	.79	1.59	.00	.79	.79	.79	1.59	2.38	1.59	.79	.79	.00	16.67
	(2)	.05	.10	.00	.14	.00	.05	.10	.00	.05	.05	.05	.10	.14	.10	.05	.05	.00	1.01
8-12		0	1	0	0	0	0	1	1	5	0	6	7	8	13	1	1	0	44
	(1)	.00	.79	.00	.00	.00	.00	.79	.79	3.97	.00	4.76	5.56	6.35	10.32	.79	.79	.00	34.92
	(2)	.00	.05	.00	.00	.00	.00	.05	.05	.24	.00	.29	.34	.38	.62	.05	.05	.00	2.11
13-18		1	0	0	0	0	0	2	1	2	0	8	12	3	3	0	0	0	32
	(1)	.79	.00	.00	.00	.00	.00	1.59	.79	1.59	.00	6.35	9.52	2.38	2.38	.00	.00	.00	25.40
	(2)	.05	.00	.00	.00	.00	.00	.10	.05	.10	.00	.38	.58	.14	.14	.00	.00	.00	1.54
19-24		1	0	1	0	0	0	1	0	0	0	6	2	0	0	3	1	0	15
	(1)	.79	.00	.79	.00	.00	.00	.79	.00	.00	.00	4.76	1.59	.00	.00	2.38	.79	.00	11.90
	(2)	.05	.00	.05	.00	.00	.00	.05	.00	.00	.00	.29	.10	.00	.00	.14	.05	.00	.72
GT 24		4	2	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	11
	(1)	3.17	1.59	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.79	3.17	.00	.00	8.73
	(2)	.19	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.19	.00	.00	.53
ALL SPEEDS		8	5	2	3	0	1	6	3	8	1	21	23	14	19	9	3	0	126
	(1)	6.35	3.97	1.59	2.38	.00	.79	4.76	2.38	6.35	.79	16.67	18.25	11.11	15.08	7.14	2.38	.00	100.00
	(2)	.38	.24	.10	.14	.00	.05	.29	.14	.38	.05	1.01	1.10	.67	.91	.43	.14	.00	6.05

(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 0.95 MPH)

Table A-2 (continued)

PILGRIM JAN01-MAR01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

220.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = .24

SPEED(MPH)		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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4-7		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	20.00	.00	.00	.00	.00	.00	.00	.00	.00	20.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.05
8-12		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.00	.00	.00	20.00	.00	40.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.05	.00	.10
13-18		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.00	.00	.00	20.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.05
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.00	.00	.00	20.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.05
ALL SPEEDS		0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	1	0	5
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	20.00	.00	.00	.00	20.00	.00	40.00	20.00	.00	100.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.05	.00	.10	.05	.00	.24

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

SPEED(MPH)		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	2	0	0	0	0	0	0	0	0	0	0	2
	(1)	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10
	(2)	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10
C-3		2	5	3	1	1	0	2	2	0	1	0	0	2	2	2	3	0	26
	(1)	.10	.24	.14	.05	.05	.00	.10	.10	.00	.05	.00	.00	.10	.10	.10	.14	.00	1.25
	(2)	.10	.24	.14	.05	.05	.00	.10	.10	.00	.05	.00	.00	.10	.10	.10	.14	.00	1.25
4-7		12	17	9	16	9	15	7	7	10	7	11	7	7	13	15	10	0	172
	(1)	.58	.82	.43	.77	.43	.72	.34	.34	.48	.34	.53	.34	.34	.62	.72	.48	.00	8.26
	(2)	.58	.82	.43	.77	.43	.72	.34	.34	.48	.34	.53	.34	.34	.62	.72	.48	.00	8.26
8-12		17	17	10	7	10	18	31	21	41	35	30	40	51	77	37	17	0	459
	(1)	.82	.82	.48	.34	.48	.86	1.49	1.01	1.97	1.68	1.44	1.92	2.45	3.70	1.78	.82	.00	22.04
	(2)	.82	.82	.48	.34	.48	.86	1.49	1.01	1.97	1.68	1.44	1.92	2.45	3.70	1.78	.82	.00	22.04
13-18		25	17	26	16	16	12	21	12	19	37	61	108	129	101	53	37	0	690
	(1)	1.20	.82	1.25	.77	.77	.58	1.01	.58	.91	1.78	2.93	5.18	6.19	4.85	2.54	1.78	.00	33.13
	(2)	1.20	.82	1.25	.77	.77	.58	1.01	.58	.91	1.78	2.93	5.18	6.19	4.85	2.54	1.78	.00	33.13
19-24		8	2	8	17	16	8	6	3	3	39	51	53	88	74	40	13	0	429
	(1)	.38	.10	.38	.82	.77	.38	.29	.14	.14	1.87	2.45	2.54	4.22	3.55	1.92	.62	.00	20.60
	(2)	.38	.10	.38	.82	.77	.38	.29	.14	.14	1.87	2.45	2.54	4.22	3.55	1.92	.62	.00	20.60
GT 24		7	15	25	17	20	4	1	1	0	10	4	4	48	99	41	9	0	305
	(1)	.34	.72	1.20	.82	.96	.19	.05	.05	.00	.48	.19	.19	2.30	4.75	1.97	.43	.00	14.64
	(2)	.34	.72	1.20	.82	.96	.19	.05	.05	.00	.48	.19	.19	2.30	4.75	1.97	.43	.00	14.64
ALL SPEEDS		71	73	81	74	72	57	70	46	73	129	157	212	325	366	188	89	0	2083
	(1)	3.41	3.50	3.89	3.55	3.46	2.74	3.36	2.21	3.50	6.19	7.54	10.18	15.60	17.57	9.03	4.27	.00	100.00
	(2)	3.41	3.50	3.89	3.55	3.46	2.74	3.36	2.21	3.50	6.19	7.54	10.18	15.60	17.57	9.03	4.27	.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 0.95 MPH)

Table A-2 (continued)

PILGRIM APR01-JUN01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

220.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 17.81

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4-7		7	8	8	6	10	0	0	0	0	1	0	2	1	1	2	4	0	50
	(1)	1.87	2.14	2.14	1.60	2.67	.00	.00	.00	.00	.27	.00	.53	.27	.27	.53	1.07	.00	13.37
	(2)	.33	.38	.38	.29	.48	.00	.00	.00	.00	.05	.00	.10	.05	.05	.10	.19	.00	2.38
8-12		18	13	6	10	15	14	8	1	6	2	7	4	4	10	2	11	0	131
	(1)	4.81	3.48	1.60	2.67	4.01	3.74	2.14	.27	1.60	.53	1.87	1.07	1.07	2.67	.53	2.94	.00	35.03
	(2)	.86	.62	.29	.48	.71	.67	.38	.05	.29	.10	.33	.19	.19	.48	.10	.52	.00	6.24
13-18		5	15	3	1	8	9	8	2	14	9	6	4	14	6	3	14	0	121
	(1)	1.34	4.01	.80	.27	2.14	2.41	2.14	.53	3.74	2.41	1.60	1.07	3.74	1.60	.80	3.74	.00	32.35
	(2)	.24	.71	.14	.05	.38	.43	.38	.10	.67	.43	.29	.19	.67	.29	.14	.67	.00	5.76
19-24		8	0	0	0	0	0	0	0	15	10	2	0	3	1	0	14	0	53
	(1)	2.14	.00	.00	.00	.00	.00	.00	.00	4.01	2.67	.53	.00	.80	.27	.00	3.74	.00	14.17
	(2)	.38	.00	.00	.00	.00	.00	.00	.00	.71	.48	.10	.00	.14	.05	.00	.67	.00	2.52
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	1	5	5	8	0	19
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.27	1.34	1.34	2.14	.00	5.08
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.24	.24	.38	.00	.90
ALL SPEEDS		38	36	17	17	33	23	16	3	35	22	15	10	23	23	12	51	0	374
	(1)	10.16	9.63	4.55	4.55	8.82	6.15	4.28	.80	9.36	5.88	4.01	2.67	6.15	6.15	3.21	13.64	.00	100.00
	(2)	1.81	1.71	.81	.81	1.57	1.10	.76	.14	1.67	1.05	.71	.48	1.10	1.10	.57	2.43	.00	17.81

220.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 4.38

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4-7		0	1	0	1	3	0	0	0	1	0	0	1	0	4	0	0	0	11
	(1)	.00	1.09	.00	1.09	3.26	.00	.00	.00	1.09	.00	.00	1.09	.00	4.35	.00	.00	.00	11.96
	(2)	.00	.05	.00	.05	.14	.00	.00	.00	.05	.00	.00	.05	.00	.19	.00	.00	.00	.52
8-12		1	4	1	1	2	7	6	1	1	1	3	3	3	1	0	1	0	36
	(1)	1.09	4.35	1.09	1.09	2.17	7.61	6.52	1.09	1.09	1.09	3.26	3.26	3.26	1.09	.00	1.09	.00	39.13
	(2)	.05	.19	.05	.05	.10	.33	.29	.05	.05	.05	.14	.14	.14	.05	.00	.05	.00	1.71
13-18		0	3	0	0	1	1	0	0	8	7	7	3	2	0	0	1	0	33
	(1)	.00	3.26	.00	.00	1.09	1.09	.00	.00	8.70	7.61	7.61	3.26	2.17	.00	.00	1.09	.00	35.87
	(2)	.00	.14	.00	.00	.05	.05	.00	.00	.38	.33	.33	.14	.10	.00	.00	.05	.00	1.57
19-24		2	4	0	0	0	0	0	0	1	1	0	0	1	1	0	1	0	11
	(1)	2.17	4.35	.00	.00	.00	.00	.00	.00	1.09	1.09	.00	.00	1.09	1.09	.00	1.09	.00	11.96
	(2)	.10	.19	.00	.00	.00	.00	.00	.00	.05	.05	.00	.00	.05	.05	.00	.05	.00	.52
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.09	.00	.00	1.09
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.05
ALL SPEEDS		3	12	1	2	6	8	6	1	11	9	10	7	6	6	1	3	0	92
	(1)	3.26	13.04	1.09	2.17	6.52	8.70	6.52	1.09	11.96	9.78	10.87	7.61	6.52	6.52	1.09	3.26	.00	100.00
	(2)	.14	.57	.05	.10	.29	.38	.29	.05	.52	.43	.48	.33	.29	.29	.05	.14	.00	4.38

(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 0.95 MPH)

Table A-2 (continued)

PILGRIM APR01-JUN01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

220.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 5.05

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4-7		2	5	2	2	1	1	0	0	0	1	2	0	1	1	2	2	0	22
	(1)	1.89	4.72	1.89	1.89	.94	.94	.00	.00	.00	.94	1.89	.00	.94	.94	1.89	1.89	.00	20.75
	(2)	.10	.24	.10	.10	.05	.05	.00	.00	.00	.05	.10	.00	.05	.05	.10	.10	.00	1.05
8-12		1	0	2	1	4	9	1	2	3	1	2	0	1	2	0	1	0	30
	(1)	.94	.00	1.89	.94	3.77	8.49	.94	1.89	2.83	.94	1.89	.00	.94	1.89	.00	.94	.00	28.30
	(2)	.05	.00	.10	.05	.19	.43	.05	.10	.14	.05	.10	.00	.05	.10	.00	.05	.00	1.43
13-18		0	5	1	0	1	4	1	1	7	5	2	3	0	1	1	1	0	33
	(1)	.00	4.72	.94	.00	.94	3.77	.94	.94	6.60	4.72	1.89	2.83	.00	.94	.94	.94	.00	31.13
	(2)	.00	.24	.05	.00	.05	.19	.05	.05	.33	.24	.10	.14	.00	.05	.05	.05	.00	1.57
19-24		1	5	0	0	0	0	0	0	1	3	0	0	0	3	0	3	0	16
	(1)	.94	4.72	.00	.00	.00	.00	.00	.00	.94	2.83	.00	.00	.00	2.83	.00	2.83	.00	15.09
	(2)	.05	.24	.00	.00	.00	.00	.00	.00	.05	.14	.00	.00	.00	.14	.00	.14	.00	.76
GT 24		1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	5
	(1)	.94	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.94	2.83	.00	4.72
	(2)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.14	.00	.24
ALL SPEEDS		5	15	5	3	6	14	2	3	11	10	6	3	2	7	4	10	0	106
	(1)	4.72	14.15	4.72	2.83	5.66	13.21	1.89	2.83	10.38	9.43	5.66	2.83	1.89	6.60	3.77	9.43	.00	100.00
	(2)	.24	.71	.24	.14	.29	.67	.10	.14	.52	.48	.29	.14	.10	.33	.19	.48	.00	5.05

220.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 30.10

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		3	0	1	0	0	0	2	1	0	0	0	0	3	0	1	0	0	11
	(1)	.47	.00	.16	.00	.00	.00	.32	.16	.00	.00	.00	.00	.47	.00	.16	.00	.00	1.74
	(2)	.14	.00	.05	.00	.00	.00	.10	.05	.00	.00	.00	.00	.14	.00	.05	.00	.00	.52
4-7		10	7	2	12	8	15	14	4	3	3	3	2	1	3	5	4	0	96
	(1)	1.58	1.11	.32	1.90	1.27	2.37	2.22	.63	.47	.47	.47	.32	.16	.47	.79	.63	.00	15.19
	(2)	.48	.33	.10	.57	.38	.71	.67	.19	.14	.14	.14	.10	.05	.14	.24	.19	.00	4.57
8-12		4	16	9	10	13	23	22	12	14	26	7	3	4	1	1	11	0	176
	(1)	.63	2.53	1.42	1.58	2.06	3.64	3.48	1.90	2.22	4.11	1.11	.47	.63	.16	.16	1.74	.00	27.85
	(2)	.19	.76	.43	.48	.62	1.10	1.05	.57	.67	1.24	.33	.14	.19	.05	.05	.52	.00	8.38
13-18		8	8	9	2	19	25	16	7	39	60	8	4	9	6	1	2	0	223
	(1)	1.27	1.27	1.42	.32	3.01	3.96	2.53	1.11	6.17	9.49	1.27	.63	1.42	.95	.16	.32	.00	35.28
	(2)	.38	.38	.43	.10	.90	1.19	.76	.33	1.86	2.86	.38	.19	.43	.29	.05	.10	.00	10.62
19-24		7	13	4	1	1	4	8	0	7	27	1	2	2	5	4	8	0	94
	(1)	1.11	2.06	.63	.16	.16	.63	1.27	.00	1.11	4.27	.16	.32	.32	.79	.63	1.27	.00	14.87
	(2)	.33	.62	.19	.05	.05	.19	.38	.00	.33	1.29	.05	.10	.10	.24	.19	.38	.00	4.48
GT 24		11	2	0	0	1	0	0	0	0	2	0	0	0	3	5	8	0	32
	(1)	1.74	.32	.00	.00	.16	.00	.00	.00	.00	.32	.00	.00	.00	.47	.79	1.27	.00	5.06
	(2)	.52	.10	.00	.00	.05	.00	.00	.00	.00	.10	.00	.00	.00	.14	.24	.38	.00	1.52
ALL SPEEDS		43	46	25	25	42	67	62	24	63	118	19	11	19	18	17	33	0	632
	(1)	6.80	7.28	3.96	3.96	6.65	10.60	9.81	3.80	9.97	18.67	3.01	1.74	3.01	2.85	2.69	5.22	.00	100.00
	(2)	2.05	2.19	1.19	1.19	2.00	3.19	2.95	1.14	3.00	5.62	.90	.52	.90	.86	.81	1.57	.00	30.10

(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 0.95 MPH)

Table A-2 (continued)

PILGRIM APR01-JUN01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

220.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 27.76

SPEED(MPH)		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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		2	2	2	1	1	2	1	1	1	1	0	1	0	0	0	1	0	16
	(1)	.34	.34	.34	.17	.17	.34	.17	.17	.17	.17	.00	.17	.00	.00	.00	.17	.00	2.74
	(2)	.10	.10	.10	.05	.05	.10	.05	.05	.05	.05	.00	.05	.00	.00	.00	.05	.00	.76
4-7		2	1	2	3	6	12	9	5	9	2	4	3	3	4	5	2	0	72
	(1)	.34	.17	.34	.51	1.03	2.06	1.54	.86	1.54	.34	.69	.51	.51	.69	.86	.34	.00	12.35
	(2)	.10	.05	.10	.14	.29	.57	.43	.24	.43	.10	.19	.14	.14	.19	.24	.10	.00	3.43
8-12		4	1	1	1	5	25	16	8	19	12	10	4	1	12	4	10	0	133
	(1)	.69	.17	.17	.17	.86	4.29	2.74	1.37	3.26	2.06	1.72	.69	.17	2.06	.69	1.72	.00	22.81
	(2)	.19	.05	.05	.05	.24	1.19	.76	.38	.90	.57	.48	.19	.05	.57	.19	.48	.00	6.33
13-18		5	4	1	0	1	2	10	13	9	44	17	16	23	18	19	13	0	195
	(1)	.86	.69	.17	.00	.17	.34	1.72	2.23	1.54	7.55	2.92	2.74	3.95	3.09	3.26	2.23	.00	33.45
	(2)	.24	.19	.05	.00	.05	.10	.48	.62	.43	2.10	.81	.76	1.10	.86	.90	.62	.00	9.29
19-24		5	1	0	0	0	0	5	1	2	59	6	5	7	16	15	10	0	132
	(1)	.86	.17	.00	.00	.00	.00	.86	.17	.34	10.12	1.03	.86	1.20	2.74	2.57	1.72	.00	22.64
	(2)	.24	.05	.00	.00	.00	.00	.24	.05	.10	2.81	.29	.24	.33	.76	.71	.48	.00	6.29
GT 24		3	1	0	0	0	0	0	0	0	12	5	0	1	10	1	2	0	35
	(1)	.51	.17	.00	.00	.00	.00	.00	.00	.00	2.06	.86	.00	.17	1.72	.17	.34	.00	6.00
	(2)	.14	.05	.00	.00	.00	.00	.00	.00	.00	.57	.24	.00	.05	.48	.05	.10	.00	1.67
ALL SPEEDS		21	10	6	5	13	41	41	28	40	130	42	29	35	60	44	38	0	583
	(1)	3.60	1.72	1.03	.86	2.23	7.03	7.03	4.80	6.86	22.30	7.20	4.97	6.00	10.29	7.55	6.52	.00	100.00
	(2)	1.00	.48	.29	.24	.62	1.95	1.95	1.33	1.90	6.19	2.00	1.38	1.67	2.86	2.10	1.81	.00	27.76

220.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 10.05

SPEED(MPH)		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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		0	0	0	0	0	1	1	1	1	0	3	0	0	0	0	0	0	7
	(1)	.00	.00	.00	.00	.00	.47	.47	.47	.47	.00	1.42	.00	.00	.00	.00	.00	.00	3.32
	(2)	.00	.00	.00	.00	.00	.05	.05	.05	.05	.00	.14	.00	.00	.00	.00	.00	.00	.33
4-7		0	0	1	2	0	1	4	5	6	2	1	2	3	0	0	0	0	27
	(1)	.00	.00	.47	.95	.00	.47	1.90	2.37	2.84	.95	.47	.95	1.42	.00	.00	.00	.00	12.80
	(2)	.00	.00	.05	.10	.00	.05	.19	.24	.29	.10	.05	.10	.14	.00	.00	.00	.00	1.29
8-12		0	0	0	0	2	4	2	6	1	8	0	5	6	0	2	3	0	39
	(1)	.00	.00	.00	.00	.95	1.90	.95	2.84	.47	3.79	.00	2.37	2.84	.00	.95	1.42	.00	18.48
	(2)	.00	.00	.00	.00	.10	.19	.10	.29	.05	.38	.00	.24	.29	.00	.10	.14	.00	1.86
13-18		1	0	1	0	0	0	0	0	0	8	13	19	8	9	6	9	0	74
	(1)	.47	.00	.47	.00	.00	.00	.00	.00	.00	3.79	6.16	9.00	3.79	4.27	2.84	4.27	.00	35.07
	(2)	.05	.00	.05	.00	.00	.00	.00	.00	.00	.38	.62	.90	.38	.43	.29	.43	.00	3.52
19-24		1	0	0	0	0	0	0	0	0	12	18	6	1	7	5	7	0	57
	(1)	.47	.00	.00	.00	.00	.00	.00	.00	.00	5.69	8.53	2.84	.47	3.32	2.37	3.32	.00	27.01
	(2)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.57	.86	.29	.05	.33	.24	.33	.00	2.71
GT 24		0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	1	0	7
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.37	.47	.00	.00	.00	.00	.47	.00	3.32
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24	.05	.00	.00	.00	.00	.05	.00	.33
ALL SPEEDS		2	0	2	2	2	6	7	12	8	35	36	32	18	16	13	20	0	211
	(1)	.95	.00	.95	.95	.95	2.84	3.32	5.69	3.79	16.59	17.06	15.17	8.53	7.58	6.16	9.48	.00	100.00
	(2)	.10	.00	.10	.10	.10	.29	.33	.57	.38	1.67	1.71	1.52	.86	.76	.62	.95	.00	10.05

(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 0.95 MPH)

Table A-2 (continued)

PILGRIM APR01-JUN01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

220.0 FT WIND DATA — STABILITY CLASS G — CLASS FREQUENCY (PERCENT) = 4.86

SPEED(MPH)	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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.98	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.98
(2)	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
4-7	0	0	0	0	0	1	2	0	0	0	0	1	0	1	1	0	0	6
(1)	.00	.00	.00	.00	.00	.98	1.96	.00	.00	.00	.00	.98	.00	.98	.98	.00	.00	5.88
(2)	.00	.00	.00	.00	.00	.05	.10	.00	.00	.00	.00	.05	.00	.05	.05	.00	.00	.29
8-12	0	0	0	0	0	3	0	1	1	0	4	3	3	1	1	0	0	17
(1)	.00	.00	.00	.00	.00	2.94	.00	.98	.98	.00	3.92	2.94	2.94	.98	.98	.00	.00	16.67
(2)	.00	.00	.00	.00	.00	.14	.00	.05	.05	.00	.19	.14	.14	.05	.05	.00	.00	.81
13-18	0	0	0	0	0	0	0	0	0	2	9	16	7	4	2	3	0	43
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.96	8.82	15.69	6.86	3.92	1.96	2.94	.00	42.16
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.43	.76	.33	.19	.10	.14	.00	2.05
19-24	0	0	0	0	0	0	0	0	0	1	10	8	10	1	1	0	0	31
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.98	9.80	7.84	9.80	.98	.98	.00	.00	30.39
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.48	.38	.48	.05	.05	.00	.00	1.48
GT 24	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.92	.00	.00	.00	.00	.00	.00	3.92
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19	.00	.00	.00	.00	.00	.00	.19
ALL SPEEDS	0	0	0	0	1	4	2	1	1	3	27	28	20	7	5	3	0	102
(1)	.00	.00	.00	.00	.98	3.92	1.96	.98	.98	2.94	26.47	27.45	19.61	6.86	4.90	2.94	.00	100.00
(2)	.00	.00	.00	.00	.05	.19	.10	.05	.05	.14	1.29	1.33	.95	.33	.24	.14	.00	4.86

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

SPEED(MPH)	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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	5	2	3	1	2	3	4	3	2	1	3	1	3	0	1	1	0	35
(1)	.24	.10	.14	.05	.10	.14	.19	.14	.10	.05	.14	.05	.14	.00	.05	.05	.00	1.67
(2)	.24	.10	.14	.05	.10	.14	.19	.14	.10	.05	.14	.05	.14	.00	.05	.05	.00	1.67
4-7	21	22	15	26	28	30	29	14	19	9	10	11	9	14	15	12	0	284
(1)	1.00	1.05	.71	1.24	1.33	1.43	1.38	.67	.90	.43	.48	.52	.43	.67	.71	.57	.00	13.52
(2)	1.00	1.05	.71	1.24	1.33	1.43	1.38	.67	.90	.43	.48	.52	.43	.67	.71	.57	.00	13.52
8-12	28	34	19	23	41	85	55	31	45	50	33	22	22	27	10	37	0	562
(1)	1.33	1.62	.90	1.10	1.95	4.05	2.62	1.48	2.14	2.38	1.57	1.05	1.05	1.29	.48	1.76	.00	26.76
(2)	1.33	1.62	.90	1.10	1.95	4.05	2.62	1.48	2.14	2.38	1.57	1.05	1.05	1.29	.48	1.76	.00	26.76
13-18	19	35	15	3	30	41	35	23	77	135	62	65	63	44	32	43	0	722
(1)	.90	1.67	.71	.14	1.43	1.95	1.67	1.10	3.67	6.43	2.95	3.10	3.00	2.10	1.52	2.05	.00	34.38
(2)	.90	1.67	.71	.14	1.43	1.95	1.67	1.10	3.67	6.43	2.95	3.10	3.00	2.10	1.52	2.05	.00	34.38
19-24	24	23	4	1	1	4	13	1	26	113	37	21	24	34	25	43	0	394
(1)	1.14	1.10	.19	.05	.05	.19	.62	.05	1.24	5.38	1.76	1.00	1.14	1.62	1.19	2.05	.00	18.76
(2)	1.14	1.10	.19	.05	.05	.19	.62	.05	1.24	5.38	1.76	1.00	1.14	1.62	1.19	2.05	.00	18.76
GT 24	15	3	0	0	1	0	0	0	0	19	10	0	2	18	13	22	0	103
(1)	.71	.14	.00	.00	.05	.00	.00	.00	.00	.90	.48	.00	.10	.86	.62	1.05	.00	4.90
(2)	.71	.14	.00	.00	.05	.00	.00	.00	.00	.90	.48	.00	.10	.86	.62	1.05	.00	4.90
ALLSPEEDS	112	119	56	54	103	163	136	72	169	327	155	120	123	137	96	158	0	2100
(1)	5.33	5.67	2.67	2.57	4.90	7.76	6.48	3.43	8.05	15.57	7.38	5.71	5.86	6.52	4.57	7.52	.00	100.00
(2)	5.33	5.67	2.67	2.57	4.90	7.76	6.48	3.43	8.05	15.57	7.38	5.71	5.86	6.52	4.57	7.52	.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 0.95 MPH)

Table A-2 (continued)

PILGRIM JUL01-SEP01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

220.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 16.82

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.27	.00	.00	.00	.00	.27
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.05
4-7		8	12	8	3	3	1	0	0	3	0	2	0	0	2	3	10	0	55
	(1)	2.19	3.28	2.19	.82	.82	.27	.00	.00	.82	.00	.55	.00	.00	.55	.82	2.73	.00	15.03
	(2)	.37	.55	.37	.14	.14	.05	.00	.00	.14	.00	.09	.00	.00	.09	.14	.46	.00	2.53
8-12		4	12	16	5	10	1	4	0	20	17	10	13	3	5	6	12	0	138
	(1)	1.09	3.28	4.37	1.37	2.73	.27	1.09	.00	5.46	4.64	2.73	3.55	.82	1.37	1.64	3.28	.00	37.70
	(2)	.18	.55	.74	.23	.46	.05	.18	.00	.92	.78	.46	.60	.14	.23	.28	.55	.00	6.34
13-18		5	4	3	3	1	0	7	1	36	33	27	6	2	1	1	7	0	137
	(1)	1.37	1.09	.82	.82	.27	.00	1.91	.27	9.84	9.02	7.38	1.64	.55	.27	.27	1.91	.00	37.43
	(2)	.23	.18	.14	.14	.05	.00	.32	.05	1.65	1.52	1.24	.28	.09	.05	.05	.32	.00	6.30
19-24		2	0	0	0	0	0	2	0	5	9	1	0	0	5	0	5	0	29
	(1)	.55	.00	.00	.00	.00	.00	.55	.00	1.37	2.46	.27	.00	.00	1.37	.00	1.37	.00	7.92
	(2)	.09	.00	.00	.00	.00	.00	.09	.00	.23	.41	.05	.00	.00	.23	.00	.23	.00	1.33
GT 24		0	4	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	6
	(1)	.00	1.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.55	.00	.00	.00	1.64
	(2)	.00	.18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.28
ALL SPEEDS		19	32	27	11	14	2	13	1	64	59	40	19	6	15	10	34	0	366
	(1)	5.19	8.74	7.38	3.01	3.83	.55	3.55	.27	17.49	16.12	10.93	5.19	1.64	4.10	2.73	9.29	.00	100.00
	(2)	.87	1.47	1.24	.51	.64	.09	.60	.05	2.94	2.71	1.84	.87	.28	.69	.46	1.56	.00	16.82

220.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 4.46

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	(1)	2.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.06
	(2)	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
4-7		0	1	7	0	6	0	0	0	0	0	0	0	0	0	2	3	0	19
	(1)	.00	1.03	7.22	.00	6.19	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.06	3.09	.00	19.59
	(2)	.00	.05	.32	.00	.28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.14	.00	.87
8-12		0	4	2	2	6	1	3	1	0	1	5	2	0	1	2	0	0	30
	(1)	.00	4.12	2.06	2.06	6.19	1.03	3.09	1.03	.00	1.03	5.15	2.06	.00	1.03	2.06	.00	.00	30.93
	(2)	.00	.18	.09	.09	.28	.05	.14	.05	.00	.05	.23	.09	.00	.05	.09	.00	.00	1.38
13-18		1	0	0	0	0	0	2	3	7	9	2	2	2	1	0	0	0	29
	(1)	1.03	.00	.00	.00	.00	.00	2.06	3.09	7.22	9.28	2.06	2.06	2.06	1.03	.00	.00	.00	29.90
	(2)	.05	.00	.00	.00	.00	.00	.09	.14	.32	.41	.09	.09	.09	.05	.00	.00	.00	1.33
19-24		2	0	0	0	0	0	0	0	2	4	1	0	0	2	0	0	0	11
	(1)	2.06	.00	.00	.00	.00	.00	.00	.00	2.06	4.12	1.03	.00	.00	2.06	.00	.00	.00	11.34
	(2)	.09	.00	.00	.00	.00	.00	.00	.00	.09	.18	.05	.00	.00	.09	.00	.00	.00	.51
GT 24		0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
	(1)	.00	6.19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.19
	(2)	.00	.28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.28
ALL SPEEDS		5	11	9	2	12	1	5	4	9	14	8	4	2	4	4	3	0	97
	(1)	5.15	11.34	9.28	2.06	12.37	1.03	5.15	4.12	9.28	14.43	8.25	4.12	2.06	4.12	4.12	3.09	.00	100.00
	(2)	.23	.51	.41	.09	.55	.05	.23	.18	.41	.64	.37	.18	.09	.18	.18	.14	.00	4.46

(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 0.95 MPH)

Table A-2 (continued)

PILGRIM JUL01-SEP01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

220.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 4.23

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4-7		1	1	1	2	0	1	0	0	0	0	0	0	0	1	0	2	0	9
	(1)	1.09	1.09	1.09	2.17	.00	1.09	.00	.00	.00	.00	.00	.00	.00	1.09	.00	2.17	.00	9.78
	(2)	.05	.05	.05	.09	.00	.05	.00	.00	.00	.00	.00	.00	.00	.05	.00	.09	.00	.41
8-12		2	0	2	3	4	6	5	0	2	4	3	3	0	0	0	1	0	35
	(1)	2.17	.00	2.17	3.26	4.35	6.52	5.43	.00	2.17	4.35	3.26	3.26	.00	.00	.00	1.09	.00	38.04
	(2)	.09	.00	.09	.14	.18	.28	.23	.00	.09	.18	.14	.14	.00	.00	.00	.05	.00	1.61
13-18		0	0	2	0	0	0	2	0	9	11	7	3	2	1	0	0	0	37
	(1)	.00	.00	2.17	.00	.00	.00	2.17	.00	9.78	11.96	7.61	3.26	2.17	1.09	.00	.00	.00	40.22
	(2)	.00	.00	.09	.00	.00	.00	.09	.00	.41	.51	.32	.14	.09	.05	.00	.00	.00	1.70
19-24		0	1	0	0	0	0	0	0	2	3	1	0	0	0	0	0	0	7
	(1)	.00	1.09	.00	.00	.00	.00	.00	.00	2.17	3.26	1.09	.00	.00	.00	.00	.00	.00	7.61
	(2)	.00	.05	.00	.00	.00	.00	.00	.00	.09	.14	.05	.00	.00	.00	.00	.00	.00	.32
GT 24		0	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4
	(1)	.00	3.26	.00	.00	.00	.00	.00	1.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.35
	(2)	.00	.14	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18
ALL SPEEDS		3	5	5	5	4	7	7	1	13	18	11	6	2	2	0	3	0	92
	(1)	3.26	5.43	5.43	5.43	4.35	7.61	7.61	1.09	14.13	19.57	11.96	6.52	2.17	2.17	.00	3.26	.00	100.00
	(2)	.14	.23	.23	.23	.18	.32	.32	.05	.60	.83	.51	.28	.09	.09	.00	.14	.00	4.23

220.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 26.33

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		3	3	1	0	1	1	0	0	0	0	1	0	1	1	1	1	0	14
	(1)	.52	.52	.17	.00	.17	.17	.00	.00	.00	.00	.17	.00	.17	.17	.17	.17	.00	2.44
	(2)	.14	.14	.05	.00	.05	.05	.00	.00	.00	.00	.05	.00	.05	.05	.05	.05	.00	.64
4-7		4	5	7	11	6	13	5	2	4	6	7	3	5	2	8	5	0	93
	(1)	.70	.87	1.22	1.92	1.05	2.27	.87	.35	.70	1.05	1.22	.52	.87	.35	1.40	.87	.00	16.23
	(2)	.18	.23	.32	.51	.28	.60	.23	.09	.18	.28	.32	.14	.23	.09	.37	.23	.00	4.27
8-12		3	4	8	7	4	18	22	4	25	35	14	7	3	4	6	6	0	170
	(1)	.52	.70	1.40	1.22	.70	3.14	3.84	.70	4.36	6.11	2.44	1.22	.52	.70	1.05	1.05	.00	29.67
	(2)	.14	.18	.37	.32	.18	.83	1.01	.18	1.15	1.61	.64	.32	.14	.18	.28	.28	.00	7.81
13-18		9	3	4	5	2	3	19	4	53	50	17	8	3	2	1	3	0	186
	(1)	1.57	.52	.70	.87	.35	.52	3.32	.70	9.25	8.73	2.97	1.40	.52	.35	.17	.52	.00	32.46
	(2)	.41	.14	.18	.23	.09	.14	.87	.18	2.44	2.30	.78	.37	.14	.09	.05	.14	.00	8.55
19-24		5	9	1	0	0	0	2	4	3	31	3	0	0	3	3	7	0	71
	(1)	.87	1.57	.17	.00	.00	.00	.35	.70	.52	5.41	.52	.00	.00	.52	.52	1.22	.00	12.39
	(2)	.23	.41	.05	.00	.00	.00	.09	.18	.14	1.42	.14	.00	.00	.14	.14	.32	.00	3.26
GT 24		9	12	15	0	0	0	0	0	0	1	1	0	0	0	0	1	0	39
	(1)	1.57	2.09	2.62	.00	.00	.00	.00	.00	.00	.17	.17	.00	.00	.00	.00	.17	.00	6.81
	(2)	.41	.55	.69	.00	.00	.00	.00	.00	.00	.05	.05	.00	.00	.00	.00	.05	.00	1.79
ALL SPEEDS		33	36	36	23	13	35	48	14	85	123	43	18	12	12	19	23	0	573
	(1)	5.76	6.28	6.28	4.01	2.27	6.11	8.38	2.44	14.83	21.47	7.50	3.14	2.09	2.09	3.32	4.01	.00	100.00
	(2)	1.52	1.65	1.65	1.06	.60	1.61	2.21	.64	3.91	5.65	1.98	.83	.55	.55	.87	1.06	.00	26.33

(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 0.95 MPH)

Table A-2 (continued)

PILGRIM JUL01-SEP01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

220.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 33.27

SPEED(MPH)		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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		2	1	3	5	9	3	1	1	1	1	1	0	1	2	1	0	0	32
	(1)	.28	.14	.41	.69	1.24	.41	.14	.14	.14	.14	.14	.00	.14	.28	.14	.00	.00	4.42
	(2)	.09	.05	.14	.23	.41	.14	.05	.05	.05	.05	.05	.00	.05	.09	.05	.00	.00	1.47
4-7		3	6	1	6	5	11	10	4	6	5	3	5	4	2	5	10	0	86
	(1)	.41	.83	.14	.83	.69	1.52	1.38	.55	.83	.69	.41	.69	.55	.28	.69	1.38	.00	11.88
	(2)	.14	.28	.05	.28	.23	.51	.46	.18	.28	.23	.14	.23	.18	.09	.23	.46	.00	3.95
8-12		7	10	4	7	7	5	8	7	20	19	7	6	8	16	16	16	0	163
	(1)	.97	1.38	.55	.97	.97	.69	1.10	.97	2.76	2.62	.97	.83	1.10	2.21	2.21	2.21	.00	22.51
	(2)	.32	.46	.18	.32	.32	.23	.37	.32	.92	.87	.32	.28	.37	.74	.74	.74	.00	7.49
13-18		2	2	1	2	2	0	26	10	53	78	40	29	20	9	6	11	0	291
	(1)	.28	.28	.14	.28	.28	.00	3.59	1.38	7.32	10.77	5.52	4.01	2.76	1.24	.83	1.52	.00	40.19
	(2)	.09	.09	.05	.09	.09	.00	1.19	.46	2.44	3.58	1.84	1.33	.92	.41	.28	.51	.00	13.37
19-24		3	3	0	0	0	0	0	0	5	78	18	2	4	2	10	15	0	140
	(1)	.41	.41	.00	.00	.00	.00	.00	.00	.69	10.77	2.49	.28	.55	.28	1.38	2.07	.00	19.34
	(2)	.14	.14	.00	.00	.00	.00	.00	.00	.23	3.58	.83	.09	.18	.09	.46	.69	.00	6.43
GT 24		0	1	0	0	0	0	0	0	0	5	1	0	4	0	0	1	0	12
	(1)	.00	.14	.00	.00	.00	.00	.00	.00	.00	.69	.14	.00	.55	.00	.00	.14	.00	1.66
	(2)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.23	.05	.00	.18	.00	.00	.05	.00	.55
ALL SPEEDS		17	23	9	20	23	19	45	22	85	186	70	42	41	31	38	53	0	724
	(1)	2.35	3.18	1.24	2.76	3.18	2.62	6.22	3.04	11.74	25.69	9.67	5.80	5.66	4.28	5.25	7.32	.00	100.00
	(2)	.78	1.06	.41	.92	1.06	.87	2.07	1.01	3.91	8.55	3.22	1.93	1.88	1.42	1.75	2.44	.00	33.27

220.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 11.95

SPEED(MPH)		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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		0	0	1	0	0	3	0	0	0	0	1	0	0	0	0	0	0	5
	(1)	.00	.00	.38	.00	.00	1.15	.00	.00	.00	.00	.38	.00	.00	.00	.00	.00	.00	1.92
	(2)	.00	.00	.05	.00	.00	.14	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.23
4-7		0	0	2	2	3	5	5	2	1	3	4	0	1	1	2	0	0	31
	(1)	.00	.00	.77	.77	1.15	1.92	1.92	.77	.38	1.15	1.54	.00	.38	.38	.77	.00	.00	11.92
	(2)	.00	.00	.09	.09	.14	.23	.23	.09	.05	.14	.18	.00	.05	.05	.09	.00	.00	1.42
8-12		0	1	1	0	0	0	4	5	8	9	2	6	4	9	7	2	0	58
	(1)	.00	.38	.38	.00	.00	.00	1.54	1.92	3.08	3.46	.77	2.31	1.54	3.46	2.69	.77	.00	22.31
	(2)	.00	.05	.05	.00	.00	.00	.18	.23	.37	.41	.09	.28	.18	.41	.32	.09	.00	2.67
13-18		0	0	0	0	0	0	1	3	12	18	29	26	13	10	2	2	0	116
	(1)	.00	.00	.00	.00	.00	.00	.38	1.15	4.62	6.92	11.15	10.00	5.00	3.85	.77	.77	.00	44.62
	(2)	.00	.00	.00	.00	.00	.00	.05	.14	.55	.83	1.33	1.19	.60	.46	.09	.09	.00	5.33
19-24		0	0	0	0	0	0	0	0	0	18	20	4	0	0	2	4	0	48
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.92	7.69	1.54	.00	.00	.77	1.54	.00	18.46
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.83	.92	.18	.00	.00	.09	.18	.00	2.21
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.77	.00	.77
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.09
ALL SPEEDS		0	1	4	2	3	8	10	10	21	48	56	36	18	20	13	10	0	260
	(1)	.00	.38	1.54	.77	1.15	3.08	3.85	3.85	8.08	18.46	21.54	13.85	6.92	7.69	5.00	3.85	.00	100.00
	(2)	.00	.05	.18	.09	.14	.37	.46	.46	.97	2.21	2.57	1.65	.83	.92	.60	.46	.00	11.95

(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 0.95 MPH)

Table A-2 (continued)

PILGRIM JUL01-SEP01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

220.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 2.94

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	3
(1)	.00	.00	.00	.00	.00	.00	1.56	.00	1.56	.00	.00	.00	.00	.00	.00	1.56	.00	4.69
(2)	.00	.00	.00	.00	.00	.00	.05	.00	.05	.00	.00	.00	.00	.00	.00	.05	.00	.14
4-7	0	1	0	0	0	0	2	1	0	3	1	2	1	0	0	0	0	11
(1)	.00	1.56	.00	.00	.00	.00	3.13	1.56	.00	4.69	1.56	3.13	1.56	.00	.00	.00	.00	17.19
(2)	.00	.05	.00	.00	.00	.00	.09	.05	.00	.14	.05	.09	.05	.00	.00	.00	.00	.51
8-12	0	0	0	0	0	0	0	1	3	4	2	6	1	4	0	0	0	21
(1)	.00	.00	.00	.00	.00	.00	.00	1.56	4.69	6.25	3.13	9.38	1.56	6.25	.00	.00	.00	32.81
(2)	.00	.00	.00	.00	.00	.00	.00	.05	.14	.18	.09	.28	.05	.18	.00	.00	.00	.97
13-18	0	0	0	0	0	0	0	0	0	3	7	2	2	0	0	0	0	14
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.69	10.94	3.13	3.13	.00	.00	.00	.00	21.88
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.32	.09	.09	.00	.00	.00	.00	.64
19-24	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	15
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	23.44	.00	.00	.00	.00	.00	.00	23.44
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.69	.00	.00	.00	.00	.00	.00	.69
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	1	0	0	0	0	3	2	4	10	25	10	4	4	0	1	0	64
(1)	.00	1.56	.00	.00	.00	.00	4.69	3.13	6.25	15.63	39.06	15.63	6.25	6.25	.00	1.56	.00	100.00
(2)	.00	.05	.00	.00	.00	.00	.14	.09	.18	.46	1.15	.46	.18	.18	.00	.05	.00	2.94

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

SPEED(MPH)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	7	4	5	5	10	7	2	1	2	1	3	0	3	3	2	2	0	57
(1)	.32	.18	.23	.23	.46	.32	.09	.05	.09	.05	.14	.00	.14	.14	.09	.09	.00	2.62
(2)	.32	.18	.23	.23	.46	.32	.09	.05	.09	.05	.14	.00	.14	.14	.09	.09	.00	2.62
4-7	16	26	26	24	23	31	22	9	14	17	17	10	11	8	20	30	0	304
(1)	.74	1.19	1.19	1.10	1.06	1.42	1.01	.41	.64	.78	.78	.46	.51	.37	.92	1.38	.00	13.97
(2)	.74	1.19	1.19	1.10	1.06	1.42	1.01	.41	.64	.78	.78	.46	.51	.37	.92	1.38	.00	13.97
8-12	16	31	33	24	31	31	46	18	78	89	43	43	19	39	37	37	0	615
(1)	.74	1.42	1.52	1.10	1.42	1.42	2.11	.83	3.58	4.09	1.98	1.98	.87	1.79	1.70	1.70	.00	28.26
(2)	.74	1.42	1.52	1.10	1.42	1.42	2.11	.83	3.58	4.09	1.98	1.98	.87	1.79	1.70	1.70	.00	28.26
13-18	17	9	10	10	5	3	57	21	170	202	129	76	44	24	10	23	0	810
(1)	.78	.41	.46	.46	.23	.14	2.62	.97	7.81	9.28	5.93	3.49	2.02	1.10	.46	1.06	.00	37.22
(2)	.78	.41	.46	.46	.23	.14	2.62	.97	7.81	9.28	5.93	3.49	2.02	1.10	.46	1.06	.00	37.22
19-24	12	13	1	0	0	0	4	4	17	143	59	6	4	12	15	31	0	321
(1)	.55	.60	.05	.00	.00	.00	.18	.18	.78	6.57	2.71	.28	.18	.55	.69	1.42	.00	14.75
(2)	.55	.60	.05	.00	.00	.00	.18	.18	.78	6.57	2.71	.28	.18	.55	.69	1.42	.00	14.75
GT 24	9	26	15	0	0	0	0	1	0	6	2	0	4	2	0	4	0	69
(1)	.41	1.19	.69	.00	.00	.00	.00	.05	.00	.28	.09	.00	.18	.09	.00	.18	.00	3.17
(2)	.41	1.19	.69	.00	.00	.00	.00	.05	.00	.28	.09	.00	.18	.09	.00	.18	.00	3.17
ALL SPEEDS	77	109	90	63	69	72	131	54	281	458	253	135	85	88	84	127	0	2176
(1)	3.54	5.01	4.14	2.90	3.17	3.31	6.02	2.48	12.91	21.05	11.63	6.20	3.91	4.04	3.86	5.84	.00	100.00
(2)	3.54	5.01	4.14	2.90	3.17	3.31	6.02	2.48	12.91	21.05	11.63	6.20	3.91	4.04	3.86	5.84	.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 0.95 MPH)

Table A-2 (continued)

PILGRIM OCT01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

220.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 7.75

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.60	.00	.00	.00	.00	.00	.00	.60
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.05
C-3		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.60	.00	.00	.00	.00	.00	.00	.00	.60
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.05
4-7		1	4	0	0	1	0	0	0	0	0	0	0	0	3	2	2	0	13
	(1)	.60	2.41	.00	.00	.60	.00	.00	.00	.00	.00	.00	.00	.00	1.81	1.20	1.20	.00	7.83
	(2)	.05	.19	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.14	.09	.09	.00	.61
8-12		3	2	0	1	3	2	2	0	0	3	2	0	7	2	6	2	0	35
	(1)	1.81	1.20	.00	.60	1.81	1.20	1.20	.00	.00	1.81	1.20	.00	4.22	1.20	3.61	1.20	.00	21.08
	(2)	.14	.09	.00	.05	.14	.09	.09	.00	.00	.14	.09	.00	.33	.09	.28	.09	.00	1.63
13-18		3	3	0	0	0	0	0	1	8	8	13	5	13	5	6	2	0	67
	(1)	1.81	1.81	.00	.00	.00	.00	.00	.60	4.82	4.82	7.83	3.01	7.83	3.01	3.61	1.20	.00	40.36
	(2)	.14	.14	.00	.00	.00	.00	.00	.05	.37	.37	.61	.23	.61	.23	.28	.09	.00	3.13
19-24		2	2	0	0	0	0	1	0	0	0	5	0	2	4	1	11	0	28
	(1)	1.20	1.20	.00	.00	.00	.00	.60	.00	.00	.00	3.01	.00	1.20	2.41	.60	6.63	.00	16.87
	(2)	.09	.09	.00	.00	.00	.00	.05	.00	.00	.00	.23	.00	.09	.19	.05	.51	.00	1.31
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	4	13	4	0	21
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.41	7.83	2.41	.00	12.65
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19	.61	.19	.00	.98
ALL SPEEDS		9	11	0	1	4	2	3	1	8	12	21	5	22	18	28	21	0	166
	(1)	5.42	6.63	.00	.60	2.41	1.20	1.81	.60	4.82	7.23	12.65	3.01	13.25	10.84	16.87	12.65	.00	100.00
	(2)	.42	.51	.00	.05	.19	.09	.14	.05	.37	.56	.98	.23	1.03	.84	1.31	.98	.00	7.75

220.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 4.48

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.04	.00	.00	.00	.00	.00	.00	.00	1.04
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.05
4-7		0	0	0	2	0	1	0	0	1	3	0	2	5	0	3	0	0	17
	(1)	.00	.00	.00	2.08	.00	1.04	.00	.00	1.04	3.13	.00	2.08	5.21	.00	3.13	.00	.00	17.71
	(2)	.00	.00	.00	.09	.00	.05	.00	.00	.05	.14	.00	.09	.23	.00	.14	.00	.00	.79
8-12		0	0	0	0	1	1	0	1	1	1	6	2	3	0	0	0	0	16
	(1)	.00	.00	.00	.00	1.04	1.04	.00	1.04	1.04	1.04	6.25	2.08	3.13	.00	.00	.00	.00	16.67
	(2)	.00	.00	.00	.00	.05	.05	.00	.05	.05	.05	.28	.09	.14	.00	.00	.00	.00	.75
13-18		1	1	0	0	0	0	2	1	2	3	6	9	5	1	1	2	0	34
	(1)	1.04	1.04	.00	.00	.00	.00	2.08	1.04	2.08	3.13	6.25	9.38	5.21	1.04	1.04	2.08	.00	35.42
	(2)	.05	.05	.00	.00	.00	.00	.09	.05	.09	.14	.28	.42	.23	.05	.05	.09	.00	1.59
19-24		1	2	3	1	0	0	1	0	0	0	4	2	2	1	0	0	0	17
	(1)	1.04	2.08	3.13	1.04	.00	.00	1.04	.00	.00	.00	4.17	2.08	2.08	1.04	.00	.00	.00	17.71
	(2)	.05	.09	.14	.05	.00	.00	.05	.00	.00	.00	.19	.09	.09	.05	.00	.00	.00	.79
GT 24		1	0	0	0	0	0	0	0	0	0	0	0	1	4	3	2	0	11
	(1)	1.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.04	4.17	3.13	2.08	.00	11.46
	(2)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.19	.14	.09	.00	.51
ALL SPEEDS		3	3	3	3	1	2	3	2	4	8	16	15	16	6	7	4	0	96
	(1)	3.13	3.13	3.13	3.13	1.04	2.08	3.13	2.08	4.17	8.33	16.67	15.63	16.67	6.25	7.29	4.17	.00	100.00
	(2)	.14	.14	.14	.14	.05	.09	.14	.09	.19	.37	.75	.70	.75	.28	.33	.19	.00	4.48

(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 0.95 MPH)

Table A-2 (continued)

PILGRIM OCT01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

220.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 5.09

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.92	.00	.00	.00	.92
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.05
C-3		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.92	.00	.00	.00	.00	.92
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.05
4-7		1	0	2	1	0	0	0	0	0	0	1	1	1	1	0	2	0	10
	(1)	.92	.00	1.83	.92	.00	.00	.00	.00	.00	.00	.92	.92	.92	.92	.00	1.83	.00	9.17
	(2)	.05	.00	.09	.05	.00	.00	.00	.00	.00	.00	.05	.05	.05	.05	.00	.09	.00	.47
8-12		0	1	0	1	1	0	0	1	0	7	10	1	6	2	0	0	0	30
	(1)	.00	.92	.00	.92	.92	.00	.00	.92	.00	6.42	9.17	.92	5.50	1.83	.00	.00	.00	27.52
	(2)	.00	.05	.00	.05	.05	.00	.00	.05	.00	.33	.47	.05	.28	.09	.00	.00	.00	1.40
13-18		1	1	1	0	0	2	4	0	2	2	8	7	3	2	1	0	0	34
	(1)	.92	.92	.92	.00	.00	1.83	3.67	.00	1.83	1.83	7.34	6.42	2.75	1.83	.92	.00	.00	31.19
	(2)	.05	.05	.05	.00	.00	.09	.19	.00	.09	.09	.37	.33	.14	.09	.05	.00	.00	1.59
19-24		1	0	7	3	0	0	0	0	0	3	3	2	0	3	1	1	0	24
	(1)	.92	.00	6.42	2.75	.00	.00	.00	.00	.00	2.75	2.75	1.83	.00	2.75	.92	.92	.00	22.02
	(2)	.05	.00	.33	.14	.00	.00	.00	.00	.00	.14	.14	.09	.00	.14	.05	.05	.00	1.12
GT 24		0	2	1	0	0	0	0	0	0	0	0	0	1	1	1	3	0	9
	(1)	.00	1.83	.92	.00	.00	.00	.00	.00	.00	.00	.00	.00	.92	.92	.92	2.75	.00	8.26
	(2)	.00	.09	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.05	.05	.14	.00	.42
ALL SPEEDS		3	4	11	5	1	2	4	1	2	12	22	11	12	10	3	6	0	109
	(1)	2.75	3.67	10.09	4.59	.92	1.83	3.67	.92	1.83	11.01	20.18	10.09	11.01	9.17	2.75	5.50	.00	100.00
	(2)	.14	.19	.51	.23	.05	.09	.19	.05	.09	.56	1.03	.51	.56	.47	.14	.28	.00	5.09

220.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 36.35

SPEED(MPH)		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
		WIND DIRECTION FROM																	
CALM		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13	.00	.00	.00	.00	.13
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.05
C-3		1	0	0	0	0	0	0	2	1	0	2	0	0	0	0	1	0	7
	(1)	.13	.00	.00	.00	.00	.00	.00	.26	.13	.00	.26	.00	.00	.00	.00	.13	.00	.90
	(2)	.05	.00	.00	.00	.00	.00	.00	.09	.05	.00	.09	.00	.00	.00	.00	.05	.00	.33
4-7		4	5	3	7	6	5	2	1	3	6	8	3	3	4	2	1	0	63
	(1)	.51	.64	.39	.90	.77	.64	.26	.13	.39	.77	1.03	.39	.39	.51	.26	.13	.00	8.09
	(2)	.19	.23	.14	.33	.28	.23	.09	.05	.14	.28	.37	.14	.14	.19	.09	.05	.00	2.94
8-12		10	13	3	6	10	8	10	2	12	28	20	15	9	5	9	10	0	170
	(1)	1.28	1.67	.39	.77	1.28	1.03	1.28	.26	1.54	3.59	2.57	1.93	1.16	.64	1.16	1.28	.00	21.82
	(2)	.47	.61	.14	.28	.47	.37	.47	.09	.56	1.31	.93	.70	.42	.23	.42	.47	.00	7.93
13-18		8	9	0	4	7	12	16	11	15	76	37	42	20	4	10	5	0	276
	(1)	1.03	1.16	.00	.51	.90	1.54	2.05	1.41	1.93	9.76	4.75	5.39	2.57	.51	1.28	.64	.00	35.43
	(2)	.37	.42	.00	.19	.33	.56	.75	.51	.70	3.55	1.73	1.96	.93	.19	.47	.23	.00	12.88
19-24		0	12	4	8	6	0	6	8	8	44	11	3	19	13	21	8	0	171
	(1)	.00	1.54	.51	1.03	.77	.00	.77	1.03	1.03	5.65	1.41	.39	2.44	1.67	2.70	1.03	.00	21.95
	(2)	.00	.56	.19	.37	.28	.00	.28	.37	.37	2.05	.51	.14	.89	.61	.98	.37	.00	7.98
GT 24		1	5	6	0	0	0	0	0	1	6	1	2	5	11	48	5	0	91
	(1)	.13	.64	.77	.00	.00	.00	.00	.00	.13	.77	.13	.26	.64	1.41	6.16	.64	.00	11.68
	(2)	.05	.23	.28	.00	.00	.00	.00	.00	.05	.28	.05	.09	.23	.51	2.24	.23	.00	4.25
ALL SPEEDS		24	44	16	25	29	25	34	24	40	160	79	65	57	37	90	30	0	779
	(1)	3.08	5.65	2.05	3.21	3.72	3.21	4.36	3.08	5.13	20.54	10.14	8.34	7.32	4.75	11.55	3.85	.00	100.00
	(2)	1.12	2.05	.75	1.17	1.35	1.17	1.59	1.12	1.87	7.47	3.69	3.03	2.66	1.73	4.20	1.40	.00	36.35

(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 0.95 MPH)

Table A-2 (continued)

PILGRIM OCT01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

220.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 37.38

SPEED(MPH)		WIND DIRECTION FROM 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	1	0	0	0	0	2
	(1)	.00	.12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12	.00	.00	.00	.00	.25
	(2)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.09
C-3		0	2	0	0	1	1	0	0	0	1	1	0	1	1	0	0	0	8
	(1)	.00	.25	.00	.00	.12	.12	.00	.00	.00	.12	.12	.00	.12	.12	.00	.00	.00	1.00
	(2)	.00	.09	.00	.00	.05	.05	.00	.00	.00	.05	.05	.00	.05	.05	.00	.00	.00	.37
4-7		1	1	0	6	4	5	3	2	3	4	0	2	5	0	3	3	0	42
	(1)	.12	.12	.00	.75	.50	.62	.37	.25	.37	.50	.00	.25	.62	.00	.37	.37	.00	5.24
	(2)	.05	.05	.00	.28	.19	.23	.14	.09	.14	.19	.00	.09	.23	.00	.14	.14	.00	1.96
8-12		4	7	5	2	4	4	6	4	9	12	10	13	20	29	8	9	0	146
	(1)	.50	.87	.62	.25	.50	.50	.75	.50	1.12	1.50	1.25	1.62	2.50	3.62	1.00	1.12	.00	18.23
	(2)	.19	.33	.23	.09	.19	.19	.28	.19	.42	.56	.47	.61	.93	1.35	.37	.42	.00	6.81
13-18		5	2	0	0	2	0	22	13	24	28	59	67	55	56	23	3	0	359
	(1)	.62	.25	.00	.00	.25	.00	2.75	1.62	3.00	3.50	7.37	8.36	6.87	6.99	2.87	.37	.00	44.82
	(2)	.23	.09	.00	.00	.09	.00	1.03	.61	1.12	1.31	2.75	3.13	2.57	2.61	1.07	.14	.00	16.75
19-24		1	0	0	0	0	1	3	5	5	60	33	24	27	27	12	7	0	205
	(1)	.12	.00	.00	.00	.00	.12	.37	.62	.62	7.49	4.12	3.00	3.37	3.37	1.50	.87	.00	25.59
	(2)	.05	.00	.00	.00	.00	.05	.14	.23	.23	2.80	1.54	1.12	1.26	1.26	.56	.33	.00	9.57
GT 24		1	0	0	0	0	0	0	0	0	7	8	0	5	8	9	1	0	39
	(1)	.12	.00	.00	.00	.00	.00	.00	.00	.00	.87	1.00	.00	.62	1.00	1.12	.12	.00	4.87
	(2)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.33	.37	.00	.23	.37	.42	.05	.00	1.82
ALL SPEEDS		12	13	5	8	11	11	34	24	41	112	111	106	114	121	55	23	0	801
	(1)	1.50	1.62	.62	1.00	1.37	1.37	4.24	3.00	5.12	13.98	13.86	13.23	14.23	15.11	6.87	2.87	.00	100.00
	(2)	.56	.61	.23	.37	.51	.51	1.59	1.12	1.91	5.23	5.18	4.95	5.32	5.65	2.57	1.07	.00	37.38

220.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 7.05

SPEED(MPH)		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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		0	0	0	2	0	0	0	1	0	0	0	0	0	0	1	0	0	4
	(1)	.00	.00	.00	1.32	.00	.00	.00	.66	.00	.00	.00	.00	.00	.00	.66	.00	.00	2.65
	(2)	.00	.00	.00	.09	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.05	.00	.00	.19
4-7		2	0	4	1	3	3	1	0	0	3	1	2	1	2	0	2	0	25
	(1)	1.32	.00	2.65	.66	1.99	1.99	.66	.00	.00	1.99	.66	1.32	.66	1.32	.00	1.32	.00	16.56
	(2)	.09	.00	.19	.05	.14	.14	.05	.00	.00	.14	.05	.09	.05	.09	.00	.09	.00	1.17
8-12		1	0	0	0	0	0	2	1	6	4	3	3	4	10	3	2	0	39
	(1)	.66	.00	.00	.00	.00	.00	1.32	.66	3.97	2.65	1.99	1.99	2.65	6.62	1.99	1.32	.00	25.83
	(2)	.05	.00	.00	.00	.00	.00	.09	.05	.28	.19	.14	.14	.19	.47	.14	.09	.00	1.82
13-18		0	0	0	0	0	0	2	3	3	4	14	9	22	9	2	0	0	68
	(1)	.00	.00	.00	.00	.00	.00	1.32	1.99	1.99	2.65	9.27	5.96	14.57	5.96	1.32	.00	.00	45.03
	(2)	.00	.00	.00	.00	.00	.00	.09	.14	.14	.19	.65	.42	1.03	.42	.09	.00	.00	3.17
19-24		0	0	0	0	0	0	0	1	0	1	11	0	2	0	0	0	0	15
	(1)	.00	.00	.00	.00	.00	.00	.00	.66	.00	.66	7.28	.00	1.32	.00	.00	.00	.00	9.93
	(2)	.00	.00	.00	.00	.00	.00	.00	.05	.00	.05	.51	.00	.09	.00	.00	.00	.00	.70
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		3	0	4	3	3	3	5	6	9	12	29	14	29	21	6	4	0	151
	(1)	1.99	.00	2.65	1.99	1.99	1.99	3.31	3.97	5.96	7.95	19.21	9.27	19.21	13.91	3.97	2.65	.00	100.00
	(2)	.14	.00	.19	.14	.14	.14	.23	.28	.42	.56	1.35	.65	1.35	.98	.28	.19	.00	7.05

(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 0.95 MPH)

Table A-2 (continued)

PILGRIM OCT01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (220-FOOT TOWER)

220.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 1.91

SPEED(MPH)		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)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.44	.00	2.44
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.05
4-7		0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	0	4
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.88	.00	2.44	2.44	.00	.00	9.76
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.05	.05	.00	.00	.19
8-12		0	0	0	0	0	0	0	0	0	1	2	5	6	4	0	0	0	18
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.44	4.88	12.20	14.63	9.76	.00	.00	.00	43.90
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.09	.23	.28	.19	.00	.00	.00	.84
13-18		0	0	0	0	0	0	0	0	0	1	4	0	4	6	0	0	0	15
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.44	9.76	.00	9.76	14.63	.00	.00	.00	36.59
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.19	.00	.19	.28	.00	.00	.00	.70
19-24		0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	3
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.44	2.44	.00	2.44	.00	.00	.00	.00	7.32
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.05	.00	.05	.00	.00	.00	.00	.14
GT 24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS		0	0	0	0	0	0	0	0	0	3	7	7	11	11	1	1	0	41
	(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.32	17.07	17.07	26.83	26.83	2.44	2.44	.00	100.00
	(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.33	.33	.51	.51	.05	.05	.00	1.91

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

SPEED(MPH)		WIND DIRECTION FROM 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	1	0	2	1	0	0	0	5
	(1)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.09	.05	.00	.00	.00	.23
	(2)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.09	.05	.00	.00	.00	.23
C-3		1	2	0	2	1	1	0	3	1	3	3	0	2	1	1	2	0	23
	(1)	.05	.09	.00	.09	.05	.05	.00	.14	.05	.14	.14	.00	.09	.05	.05	.09	.00	1.07
	(2)	.05	.09	.00	.09	.05	.05	.00	.14	.05	.14	.14	.00	.09	.05	.05	.09	.00	1.07
4-7		9	10	9	17	14	14	6	3	7	16	10	12	15	11	11	10	0	174
	(1)	.42	.47	.42	.79	.65	.65	.28	.14	.33	.75	.47	.56	.70	.51	.51	.47	.00	8.12
	(2)	.42	.47	.42	.79	.65	.65	.28	.14	.33	.75	.47	.56	.70	.51	.51	.47	.00	8.12
8-12		18	23	8	10	19	15	20	9	28	56	53	39	55	52	26	23	0	454
	(1)	.84	1.07	.37	.47	.89	.70	.93	.42	1.31	2.61	2.47	1.82	2.57	2.43	1.21	1.07	.00	21.19
	(2)	.84	1.07	.37	.47	.89	.70	.93	.42	1.31	2.61	2.47	1.82	2.57	2.43	1.21	1.07	.00	21.19
13-18		18	16	1	4	9	14	46	29	54	122	141	139	122	83	43	12	0	853
	(1)	.84	.75	.05	.19	.42	.65	2.15	1.35	2.52	5.69	6.58	6.49	5.69	3.87	2.01	.56	.00	39.80
	(2)	.84	.75	.05	.19	.42	.65	2.15	1.35	2.52	5.69	6.58	6.49	5.69	3.87	2.01	.56	.00	39.80
19-24		5	16	14	12	6	1	11	14	13	109	68	31	53	48	35	27	0	463
	(1)	.23	.75	.65	.56	.28	.05	.51	.65	.61	5.09	3.17	1.45	2.47	2.24	1.63	1.26	.00	21.61
	(2)	.23	.75	.65	.56	.28	.05	.51	.65	.61	5.09	3.17	1.45	2.47	2.24	1.63	1.26	.00	21.61
GT 24		3	7	7	0	0	0	0	0	1	13	9	2	12	28	74	15	0	171
	(1)	.14	.33	.33	.00	.00	.00	.00	.00	.05	.61	.42	.09	.56	1.31	3.45	.70	.00	7.98
	(2)	.14	.33	.33	.00	.00	.00	.00	.00	.05	.61	.42	.09	.56	1.31	3.45	.70	.00	7.98
ALL SPEEDS		54	75	39	45	49	45	83	58	104	319	285	223	261	224	190	89	0	2143
	(1)	2.52	3.50	1.82	2.10	2.29	2.10	3.87	2.71	4.85	14.89	13.30	10.41	12.18	10.45	8.87	4.15	.00	100.00
	(2)	2.52	3.50	1.82	2.10	2.29	2.10	3.87	2.71	4.85	14.89	13.30	10.41	12.18	10.45	8.87	4.15	.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 0.95 MPH)