

TABLE 4

(3 of 4)

JOINT FREQUENCY DISTRIBUTION OF METEOROLOGICAL DATA

Joint frequency distribution of wind speed and direction in hours 01-01-92 00:00to 12-31-92 23:59 Pasquill Class E													
Wind Speed (M/S) at 10-m Level													
Wind Direction	.35-.50	.51-.75	.76-1.0	1.1-1.5	1.6-2.0	2.1-3.0	3.1-5.0	5.1-7.0	7.1-10	10.1-13	13.1-18.0	>18.0	Total
N	1	3	13	17	32	97	145	25	1	0	0	0	334
NNE	1	3	12	25	17	53	72	9	0	0	0	0	192
NE	1	2	5	19	43	123	141	13	4	0	0	0	351
ENE	2	1	6	7	16	67	137	22	3	0	0	0	261
E	0	4	5	3	18	45	90	3	2	0	0	0	170
ESE	1	1	3	12	19	48	70	2	0	0	0	0	156
SE	0	5	10	28	33	73	47	8	0	2	0	0	211
SSE	1	8	12	36	58	70	34	9	0	2	0	0	230
S	2	8	17	44	54	26	42	4	3	0	0	0	230
SSW	1	8	20	43	29	40	29	13	2	0	0	0	185
SW	1	2	25	40	20	40	26	2	0	0	0	0	156
WSW	2	7	8	49	36	51	24	0	0	0	0	0	177
W	1	9	21	42	27	17	1	0	0	0	0	0	118
WNW	1	4	7	26	32	23	1	0	0	0	0	0	94
NW	0	3	7	16	22	32	16	2	0	0	0	0	98
NNW	0	4	6	15	15	52	48	8	0	0	0	0	148
Total	15	72	177	422	471	892	923	120	15	4	0	0	3111
Number of calms for E Stability: 15													

Joint frequency distribution of wind speed and direction in hours 01-01-92 00:00to 12-31-92 23:59 Pasquill Class F													
Wind Speed (M/S) at 10-m Level													
Wind Direction	.35-.50	.51-.75	.76-1.0	1.1-1.5	1.6-2.0	2.1-3.0	3.1-5.0	5.1-7.0	7.1-10	10.1-13	13.1-18.0	>18.0	Total
N	2	5	9	11	10	15	2	0	0	0	0	0	54
NNE	2	7	6	12	11	10	1	0	0	0	0	0	49
NE	1	5	8	13	15	42	4	1	0	0	0	0	89
ENE	3	2	8	7	11	17	9	0	0	0	0	0	57
E	1	1	1	8	5	4	1	0	0	0	0	0	21
ESE	2	2	4	3	3	0	1	0	0	0	0	0	15
SE	2	6	3	8	5	7	0	0	0	0	0	0	31
SSE	4	11	14	43	23	10	0	0	0	0	0	0	105
S	4	20	53	61	25	8	0	0	0	0	0	0	171
SSW	15	26	52	79	19	10	1	0	0	0	0	0	202
SW	8	26	34	46	11	2	1	1	0	0	0	0	129
WSW	7	16	39	38	18	0	1	0	0	0	0	0	119
W	9	26	20	29	6	2	0	0	0	0	0	0	92
WNW	4	7	13	16	5	3	0	0	0	0	0	0	48
NW	2	8	10	11	9	4	1	0	0	0	0	0	45
NNW	2	12	7	10	9	8	6	0	0	0	0	0	54
Total	68	180	281	395	185	142	28	2	0	0	0	0	1281
Number of calms for F Stability: 27													

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ESE	1	1	3	12	19	48	70	2	0	0	0	0	156
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SSE	1	8	12	36	58	70	34	9	0	2	0	0	230
S	2	8	17	44	54	56	42	4	3	0	0	0	230
SSW	1	8	20	43	29	40	29	13	2	0	0	0	185
SW	1	2	25	40	20	40	26	2	0	0	0	0	156
WSW	2	7	8	49	36	51	24	0	0	0	0	0	177
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WNW	1	4	7	26	32	23	1	0	0	0	0	0	94
NW	0	3	7	16	22	32	16	2	0	0	0	0	98
NNW	0	4	6	15	15	52	48	8	0	0	0	0	148
Total	15	72	177	422	471	892	923	120	15	4	0	0	3111
Number of calms for E Stability: 15													

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N	2	5	9	11	10	15	2	0	0	0	0	0	54
NNE	2	7	6	12	11	10	1	0	0	0	0	0	49
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W	9	26	20	29	6	2	0	0	0	0	0	0	92
WNW	4	7	13	16	5	3	0	0	0	0	0	0	48
NW	2	8	10	11	9	4	1	0	0	0	0	0	45
NNW	2	12	7	10	9	8	6	0	0	0	0	0	54
Total	68	180	281	395	185	142	28	2	0	0	0	0	1281
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