



INDIANA AND MICHIGAN POWER
D. C. COOK NUCLEAR PLANT
UPDATED FINAL SAFETY ANALYSIS REPORT

Revision: 23

Table: 2.2-7

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ANNUAL JOINT FREQUENCY DISTRIBUTION – 2005 – 10 m SHORELINE TOWER – PASQUILL CLASS E

Compass Direction	<0.5 mph	0.5-1.0 mph	1.1-1.5 mph	1.6-2.0 mph	2.1-3.0 mph	3.1-4.0 mph	4.1-5.0 mph	5.1-6.0 mph	6.1-8.0 mph	8.1-10.0 mph	>10.0 mph	Total
N	0	0	1	2	6	1	0	2	7	18	43	80
NNE	0	0	0	3	9	16	8	12	26	16	14	104
NE	0	0	0	4	27	25	19	10	5	1	0	91
ENE	0	0	1	6	20	19	5	2	2	0	0	55
E	0	0	3	6	48	26	8	0	0	0	0	91
ESE	0	0	0	2	34	44	56	35	50	36	23	280
SE	0	0	0	3	7	19	42	68	131	85	84	439
SSE	0	0	0	1	5	9	17	12	18	10	1	73
S	0	0	0	0	1	4	5	13	25	13	1	62
SSW	0	0	0	0	3	7	6	22	55	12	4	109
SW	0	0	0	2	3	9	16	14	16	15	11	86
WSW	0	0	2	0	2	1	2	3	10	8	18	46
W	0	0	1	1	0	1	1	1	6	6	23	40
WNW	0	0	0	0	0	1	2	0	5	5	23	36
NW	0	0	0	0	2	1	1	0	7	5	31	47
NNW	0	0	0	0	1	0	1	3	7	6	53	71
VARIABLE	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	8	30	168	183	189	197	370	236	329	1710

Number of Calms: 0

Number of Missing Hours: 51