



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

Revision: 23
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ANNUAL JOINT FREQUENCY DISTRIBUTION – 2005 – 10 m SHORELINE TOWER – PASQUILL CLASS F

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	0	1	1	1	1	3	3	2	4	16
NNE	0	0	1	2	6	5	4	2	1	2	5	28
NE	0	0	1	1	8	4	2	1	1	0	0	18
ENE	0	0	1	6	9	4	0	1	0	0	0	21
E	0	0	0	4	24	3	1	0	1	0	0	33
ESE	0	0	0	3	36	63	51	39	44	23	10	269
SE	0	0	0	0	8	17	43	56	76	37	12	249
SSE	0	0	0	1	1	3	11	5	2	2	0	25
S	0	0	1	0	1	2	2	3	3	3	0	15
SSW	0	0	1	1	1	2	4	13	11	0	1	34
SW	0	0	1	0	4	4	8	4	2	1	1	25
WSW	0	0	1	0	2	0	0	0	1	1	3	8
W	0	1	0	0	0	0	1	0	1	1	2	6
WNW	0	0	0	1	0	0	0	0	2	1	0	4
NW	0	0	0	0	0	0	0	0	1	2	1	4
NNW	0	0	0	0	0	0	0	0	1	2	4	7
VARIABLE	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	7	20	101	108	128	127	150	77	43	762

Number of Calms: 0

Number of Missing Hours: 51