

Data Table 6-3, Meteorological Data (2007-2011)									
Direction is from which the wind blows									
43824 WIND STATS H_AREA 60MIN 62M 07-11 STABILITY FROM SIGMA E									
Joint Frequency Distribution of Wind Speed and Direction:							Atmospheric Stability Class A		
	Extremely Unstable Conditions								
UMAX(M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	
2.00	0.170	0.160	0.140	0.144	0.147	0.140	0.151	0.138	
4.00	0.199	0.252	0.296	0.403	0.447	0.342	0.261	0.241	
6.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
8.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
12.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
14.10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
TOTAL	0.370	0.410	0.440	0.550	0.590	0.480	0.410	0.380	
Joint Frequency Distribution of Wind Speed and Direction:							Atmospheric Stability Class A		
	Extremely Unstable Conditions								
UMAX(M/S)	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
2.00	0.131	0.135	0.158	0.202	0.202	0.220	0.147	0.158	2.542
4.00	0.335	0.337	0.433	0.660	0.729	0.392	0.252	0.227	5.806
6.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.470	0.470	0.590	0.860	0.930	0.610	0.400	0.390	8.350

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Direction is from which the wind blows									
43824 WIND STATS H_AREA 60MIN 62M 07-11 STABILITY FROM SIGMA E									
Joint Frequency Distribution of Wind Speed and Direction:					Atmospheric Stability Class B				
	Moderately Unstable Conditions								
UMAX(M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	
2.00	0.025	0.034	0.041	0.025	0.046	0.037	0.032	0.032	
4.00	0.151	0.163	0.282	0.488	0.424	0.316	0.218	0.105	
6.00	0.011	0.011	0.062	0.080	0.066	0.046	0.011	0.002	
8.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
12.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
14.10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
TOTAL	0.190	0.210	0.390	0.590	0.540	0.400	0.260	0.140	
Joint Frequency Distribution of Wind Speed and Direction:					Atmospheric Stability Class B				
	Moderately Unstable Conditions								
UMAX(M/S)	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
2.00	0.005	0.028	0.034	0.046	0.032	0.062	0.037	0.032	0.548
4.00	0.197	0.261	0.376	0.695	0.582	0.397	0.135	0.138	4.928
6.00	0.030	0.037	0.053	0.105	0.133	0.064	0.028	0.009	0.750
8.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.230	0.330	0.460	0.850	0.750	0.520	0.200	0.180	6.230

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43824 WIND STATS H_AREA 60MIN 62M 07-11 STABILITY FROM SIGMA E									
Joint Frequency Distribution of Wind Speed and Direction:					Atmospheric Stability Class C				
	Slightly Unstable Conditions								
UMAX(M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	
2.00	0.064	0.064	0.108	0.087	0.089	0.064	0.055	0.048	
4.00	0.202	0.323	0.722	0.745	0.566	0.406	0.300	0.179	
6.00	0.138	0.229	0.791	0.697	0.369	0.183	0.172	0.117	
8.00	0.048	0.057	0.117	0.073	0.011	0.005	0.018	0.048	
12.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
14.10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
TOTAL	0.450	0.670	1.740	1.600	1.040	0.660	0.550	0.390	
Joint Frequency Distribution of Wind Speed and Direction:					Atmospheric Stability Class C				
	Slightly Unstable Conditions								
UMAX(M/S)	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
2.00	0.062	0.034	0.060	0.096	0.078	0.062	0.062	0.055	1.089
4.00	0.403	0.463	0.575	0.882	0.555	0.509	0.238	0.181	7.250
6.00	0.328	0.436	0.623	1.029	0.933	0.752	0.266	0.110	7.172
8.00	0.050	0.057	0.115	0.206	0.277	0.238	0.048	0.014	1.384
12.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.840	0.990	1.370	2.210	1.840	1.560	0.610	0.360	16.900

Data Table 6-3, Meteorological Data (2007-2011)									
Direction is from which the wind blows									
43824 WIND STATS H_AREA 60MIN 62M 07-11 STABILITY FROM SIGMA E									
Joint Frequency Distribution of Wind Speed and Direction:					Atmospheric Stability Class D				
	Neutral Conditions								
UMAX(M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	
2.00	0.108	0.142	0.215	0.204	0.121	0.119	0.131	0.131	
4.00	0.431	0.731	1.563	1.295	0.995	0.798	0.653	0.665	
6.00	0.367	0.591	1.057	0.614	0.532	0.419	0.656	1.364	
8.00	0.101	0.115	0.048	0.028	0.018	0.025	0.025	0.215	
12.00	0.018	0.016	0.000	0.002	0.000	0.000	0.005	0.023	
14.10	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	
TOTAL	1.020	1.600	2.880	2.140	1.670	1.360	1.470	2.400	
Joint Frequency Distribution of Wind Speed and Direction:					Atmospheric Stability Class D				
	Neutral Conditions								
UMAX(M/S)	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
2.00	0.160	0.167	0.144	0.117	0.165	0.131	0.133	0.138	2.774
4.00	1.300	1.169	1.389	1.389	1.213	1.015	0.692	0.488	17.725
6.00	1.937	1.116	1.187	1.249	1.217	1.238	0.486	0.273	15.445
8.00	0.293	0.355	0.257	0.289	0.433	0.546	0.121	0.037	3.044
12.00	0.053	0.032	0.032	0.121	0.183	0.241	0.032	0.005	0.791
14.10	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.005
TOTAL	3.740	2.840	3.010	3.170	3.210	3.170	1.460	0.940	39.780

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Direction is from which the wind blows									
43824 WIND STATS H_AREA 60MIN 62M 07-11 STABILITY FROM SIGMA E									
Joint Frequency Distribution of Wind Speed and Direction:					Atmospheric Stability Class E				
	Slightly Stable Conditions								
UMAX(M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	
2.00	0.048	0.041	0.066	0.055	0.085	0.057	0.080	0.050	
4.00	0.193	0.270	0.706	0.653	0.546	0.626	0.635	0.672	
6.00	0.248	0.342	0.257	0.442	0.523	0.415	0.470	0.740	
8.00	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.005	
12.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
14.10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
TOTAL	0.490	0.650	1.030	1.150	1.150	1.100	1.190	1.470	
Joint Frequency Distribution of Wind Speed and Direction:					Atmospheric Stability Class E				
	Slightly Stable Conditions								
UMAX(M/S)	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
2.00	0.066	0.055	0.057	0.073	0.062	0.066	0.053	0.048	0.965
4.00	0.795	0.853	0.678	0.587	0.630	0.486	0.403	0.332	9.065
6.00	1.277	0.983	0.972	0.814	0.628	0.436	0.215	0.083	8.843
8.00	0.011	0.011	0.007	0.000	0.000	0.000	0.000	0.000	0.039
12.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	2.150	1.900	1.710	1.470	1.320	0.990	0.670	0.460	18.910

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Direction is from which the wind blows									
43824 WIND STATS H_AREA 60MIN 62M 07-11 STABILITY FROM SIGMA E									
Joint Frequency Distribution of Wind Speed and Direction:					Atmospheric Stability Class F				
	Moderately Stable Conditions								
UMAX(M/S)	N	NNE	NE	ENE	E	ESE	SE	SSE	
2.00	0.064	0.048	0.092	0.066	0.046	0.066	0.055	0.089	
4.00	0.309	0.346	0.465	0.213	0.176	0.254	0.332	0.497	
6.00	0.163	0.319	0.094	0.030	0.025	0.080	0.135	0.167	
8.00	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	
12.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
14.10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
TOTAL	0.540	0.720	0.650	0.310	0.250	0.400	0.520	0.750	
Joint Frequency Distribution of Wind Speed and Direction:					Atmospheric Stability Class F				
	Moderately Stable Conditions								
UMAX(M/S)	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTAL
2.00	0.105	0.103	0.092	0.069	0.071	0.083	0.069	0.092	1.210
4.00	0.536	0.607	0.474	0.433	0.328	0.303	0.339	0.328	5.944
6.00	0.309	0.438	0.232	0.257	0.140	0.138	0.066	0.083	2.675
8.00	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.007
12.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.950	1.150	0.800	0.760	0.540	0.520	0.470	0.500	9.840

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