

Station ID: 14842

RUN ID: PEORIA/GREATER PEORIA ARPT

Year: 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981

Date Range: Jan 1 - Dec 31

Time Range: Midnight - 11 PM

Frequency Distribution
(Count)

Wind Direction (Blowing From) / Wind Speed (Knots)

	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	> 21	Total
N	615	3302	4178	2523	218	20	10856
NNE	653	2862	3161	1588	141	9	8414
NE	714	3422	4369	2774	375	29	11683
ENE	693	3554	4841	3175	340	22	12625
E	499	2783	3635	1860	158	12	8947
ESE	581	2587	2755	1416	119	13	7471
SE	799	4257	4879	2535	211	19	12700
SSE	943	5354	7025	4819	593	47	18781
S	1544	9004	12769	8654	1119	126	33216
SSW	1085	4974	5607	3581	447	64	15758
SW	1048	4049	4433	2688	331	63	12612
WSW	1013	3545	3659	2435	483	158	11293
W	878	2967	3744	3980	994	301	12864
WNW	905	3758	4839	6386	1847	482	18217
NW	847	4054	5445	5211	1083	204	16844
NNW	652	3474	4504	2805	263	28	11726
Total	13469	63946	79843	56430	8722	1597	

Frequency of Calm Winds : 9565

Average Wind Speed : 8.80 Knots

Station ID: 14842

RUN ID: PEORIA/GREATER PEORIA ARPT

Year: 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981

Date Range: Jan 1 - Dec 31

Time Range: Midnight - 11 PM

Frequency Distribution
(Normalized)

Wind Direction (Blowing From) / Wind Speed (Knots)

	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	> 21	Total
N	0.002633	0.014137	0.017887	0.010802	0.000933	0.000086	0.046478
NNE	0.002796	0.012253	0.013533	0.006799	0.000604	0.000039	0.036023
NE	0.003057	0.014651	0.018705	0.011876	0.001606	0.000124	0.050019
ENE	0.002967	0.015216	0.020726	0.013593	0.001456	0.000094	0.054052
E	0.002136	0.011915	0.015563	0.007963	0.000676	0.000051	0.038305
ESE	0.002487	0.011076	0.011795	0.006062	0.000509	0.000056	0.031986
SE	0.003421	0.018226	0.020889	0.010853	0.000903	0.000081	0.054373
SSE	0.004037	0.022922	0.030076	0.020632	0.002539	0.000201	0.080408
S	0.006610	0.038549	0.054668	0.037051	0.004791	0.000539	0.142209
SSW	0.004645	0.021295	0.024005	0.015331	0.001914	0.000274	0.067465
SW	0.004487	0.017335	0.018979	0.011508	0.001417	0.000270	0.053996
WSW	0.004337	0.015177	0.015665	0.010425	0.002068	0.000676	0.048349
W	0.003759	0.012703	0.016029	0.017040	0.004256	0.001289	0.055075
WNW	0.003875	0.016089	0.020717	0.027341	0.007908	0.002064	0.077993
NW	0.003626	0.017357	0.023312	0.022310	0.004637	0.000873	0.072115
NNW	0.002791	0.014873	0.019283	0.012009	0.001126	0.000120	0.050203
Total	0.057665	0.273774	0.341835	0.241596	0.037342	0.006837	

Frequency of Calm Winds : 4.10%

Average Wind Speed : 8.80 Knots