

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: Mar 1 - Mar 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	29	245	360	326	20	8	988
NNE	34	203	248	194	47	7	733
NE	36	213	390	426	103	8	1176
ENE	29	261	501	670	115	7	1583
E	33	153	351	406	42	6	991
ESE	24	159	266	321	37	4	811
SE	30	206	411	446	48	4	1145
SSE	34	215	543	584	132	10	1518
S	55	362	756	882	221	36	2312
SSW	36	180	265	246	89	23	839
SW	39	196	230	239	72	21	797
WSW	60	214	238	244	82	35	873
W	43	222	308	399	135	44	1151
WNW	42	296	404	803	344	70	1959
NW	43	266	496	655	173	25	1658
NNW	46	239	430	402	28	1	1146
Total	613	3630	6197	7243	1688	309	

Frequency of Calm Winds : 399

Average Wind Speed : 10.58 Knots

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

Date Range: Mar 1 - Mar 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	0.001444	0.012202	0.017929	0.016236	0.000996	0.000398	0.049206
NNE	0.001693	0.010110	0.012351	0.009662	0.002341	0.000349	0.036506
NE	0.001793	0.010608	0.019423	0.021216	0.005130	0.000398	0.058569
ENE	0.001444	0.012999	0.024951	0.033368	0.005727	0.000349	0.078839
E	0.001644	0.007620	0.017481	0.020220	0.002092	0.000299	0.049355
ESE	0.001195	0.007919	0.013248	0.015987	0.001843	0.000199	0.040390
SE	0.001494	0.010259	0.020469	0.022212	0.002391	0.000199	0.057025
SSE	0.001693	0.010708	0.027043	0.029085	0.006574	0.000498	0.075601
S	0.002739	0.018029	0.037651	0.043926	0.011007	0.001793	0.115145
SSW	0.001793	0.008965	0.013198	0.012252	0.004432	0.001145	0.041785
SW	0.001942	0.009761	0.011455	0.011903	0.003586	0.001046	0.039693
WSW	0.002988	0.010658	0.011853	0.012152	0.004084	0.001743	0.043478
W	0.002142	0.011056	0.015339	0.019872	0.006723	0.002191	0.057324
WNW	0.002092	0.014742	0.020121	0.039992	0.017132	0.003486	0.097565
NW	0.002142	0.013248	0.024702	0.032621	0.008616	0.001245	0.082574
NNW	0.002291	0.011903	0.021415	0.020021	0.001394	0.000050	0.057075
Total	0.030529	0.180786	0.308631	0.360725	0.084068	0.015389	

Frequency of Calm Winds : 1.99%

Average Wind Speed : 10.58 Knots