

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: Jun 1 - Jun 30

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	41	254	253	91	4	0	643
NNE	43	246	300	108	4	0	701
NE	76	309	463	300	21	1	1170
ENE	55	316	479	270	4	1	1125
E	32	255	370	84	5	0	746
ESE	54	257	252	36	1	0	600
SE	79	405	375	101	9	0	969
SSE	84	505	514	216	8	1	1328
S	148	972	1043	697	33	3	2896
SSW	117	564	568	395	28	2	1674
SW	126	476	608	358	19	1	1588
WSW	126	382	386	172	16	3	1085
W	106	255	279	182	21	4	847
WNW	104	356	302	299	37	10	1108
NW	92	346	358	238	16	4	1054
NNW	64	246	251	93	4	0	658
Total	1347	6144	6801	3640	230	30	

Frequency of Calm Winds : 975

Average Wind Speed : 7.90 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: Jun 1 - Jun 30

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	0.002139	0.013252	0.013200	0.004748	0.000209	0.000000	0.033547
NNE	0.002243	0.012835	0.015652	0.005635	0.000209	0.000000	0.036573
NE	0.003965	0.016121	0.024156	0.015652	0.001096	0.000052	0.061042
ENE	0.002870	0.016487	0.024991	0.014087	0.000209	0.000052	0.058695
E	0.001670	0.013304	0.019304	0.004383	0.000261	0.000000	0.038921
ESE	0.002817	0.013408	0.013148	0.001878	0.000052	0.000000	0.031304
SE	0.004122	0.021130	0.019565	0.005269	0.000470	0.000000	0.050556
SSE	0.004383	0.026347	0.026817	0.011269	0.000417	0.000052	0.069286
S	0.007722	0.050712	0.054416	0.036365	0.001722	0.000157	0.151093
SSW	0.006104	0.029426	0.029634	0.020608	0.001461	0.000104	0.087338
SW	0.006574	0.024834	0.031721	0.018678	0.000991	0.000052	0.082851
WSW	0.006574	0.019930	0.020139	0.008974	0.000835	0.000157	0.056608
W	0.005530	0.013304	0.014556	0.009495	0.001096	0.000209	0.044191
WNW	0.005426	0.018574	0.015756	0.015600	0.001930	0.000522	0.057808
NW	0.004800	0.018052	0.018678	0.012417	0.000835	0.000209	0.054990
NNW	0.003339	0.012835	0.013095	0.004852	0.000209	0.000000	0.034330
Total	0.070277	0.320551	0.354829	0.189910	0.012000	0.001565	

Frequency of Calm Winds : 5.09%

Average Wind Speed : 7.90 Knots