

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: Jul 1 - Jul 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	73	360	340	99	6	0	878
NNE	66	347	296	111	0	0	820
NE	89	466	500	134	8	0	1197
ENE	95	429	459	91	2	0	1076
E	56	379	319	51	0	0	805
ESE	94	309	226	29	0	0	658
SE	125	482	362	47	1	0	1017
SSE	133	658	570	162	1	0	1524
S	217	1208	1144	420	20	0	3009
SSW	163	631	635	235	2	1	1667
SW	132	485	508	242	2	0	1369
WSW	110	353	361	101	3	1	929
W	125	282	248	104	2	1	762
WNW	136	348	269	185	18	4	960
NW	110	465	349	179	12	3	1118
NNW	69	327	333	92	2	1	824
Total	1793	7529	6919	2282	79	11	

Frequency of Calm Winds : 1242

Average Wind Speed : 7.04 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: Jul 1 - Jul 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	0.003677	0.018131	0.017124	0.004986	0.000302	0.000000	0.044221
NNE	0.003324	0.017477	0.014908	0.005591	0.000000	0.000000	0.041299
NE	0.004482	0.023470	0.025183	0.006749	0.000403	0.000000	0.060287
ENE	0.004785	0.021607	0.023118	0.004583	0.000101	0.000000	0.054193
E	0.002820	0.019088	0.016066	0.002569	0.000000	0.000000	0.040544
ESE	0.004734	0.015563	0.011383	0.001461	0.000000	0.000000	0.033140
SE	0.006296	0.024276	0.018232	0.002367	0.000050	0.000000	0.051221
SSE	0.006699	0.033140	0.028708	0.008159	0.000050	0.000000	0.076756
S	0.010929	0.060841	0.057618	0.021153	0.001007	0.000000	0.151549
SSW	0.008210	0.031780	0.031982	0.011836	0.000101	0.000050	0.083959
SW	0.006648	0.024427	0.025585	0.012188	0.000101	0.000000	0.068950
WSW	0.005540	0.017779	0.018182	0.005087	0.000151	0.000050	0.046789
W	0.006296	0.014203	0.012491	0.005238	0.000101	0.000050	0.038378
WNW	0.006850	0.017527	0.013548	0.009318	0.000907	0.000201	0.048351
NW	0.005540	0.023420	0.017577	0.009015	0.000604	0.000151	0.056308
NNW	0.003475	0.016469	0.016772	0.004634	0.000101	0.000050	0.041501
Total	0.090305	0.379199	0.348476	0.114933	0.003979	0.000554	

Frequency of Calm Winds : 6.26%

Average Wind Speed : 7.04 Knots