

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: Aug 1 - Aug 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	106	401	371	78	2	0	<b>958</b>
NNE	102	343	271	59	3	0	<b>778</b>
NE	110	478	423	144	1	0	<b>1156</b>
ENE	101	426	418	98	1	0	<b>1044</b>
E	66	342	321	49	1	1	<b>780</b>
ESE	59	319	258	37	0	0	<b>673</b>
SE	130	606	448	84	2	0	<b>1270</b>
SSE	159	787	639	172	4	0	<b>1761</b>
S	246	1299	1207	367	7	0	<b>3126</b>
SSW	156	608	573	200	4	0	<b>1541</b>
SW	121	437	411	147	6	1	<b>1123</b>
WSW	99	305	267	71	5	0	<b>747</b>
W	110	245	208	98	1	2	<b>664</b>
WNW	118	330	219	163	13	1	<b>844</b>
NW	123	470	351	154	13	2	<b>1113</b>
NNW	82	445	384	80	0	1	<b>992</b>
Total	1888	7841	6769	2001	63	8	

Frequency of Calm Winds : 1269

Average Wind Speed : 6.84 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: Aug 1 - Aug 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	0.005343	0.020213	0.018701	0.003932	0.000101	0.000000	0.048289
NNE	0.005141	0.017289	0.013660	0.002974	0.000151	0.000000	0.039216
NE	0.005545	0.024094	0.021322	0.007258	0.000050	0.000000	0.058269
ENE	0.005091	0.021473	0.021070	0.004940	0.000050	0.000000	0.052624
E	0.003327	0.017239	0.016180	0.002470	0.000050	0.000050	0.039316
ESE	0.002974	0.016079	0.013005	0.001865	0.000000	0.000000	0.033923
SE	0.006553	0.030546	0.022582	0.004234	0.000101	0.000000	0.064015
SSE	0.008015	0.039669	0.032209	0.008670	0.000202	0.000000	0.088765
S	0.012400	0.065477	0.060840	0.018499	0.000353	0.000000	0.157568
SSW	0.007863	0.030647	0.028883	0.010081	0.000202	0.000000	0.077675
SW	0.006099	0.022027	0.020717	0.007410	0.000302	0.000050	0.056606
WSW	0.004990	0.015374	0.013458	0.003579	0.000252	0.000000	0.037653
W	0.005545	0.012349	0.010484	0.004940	0.000050	0.000101	0.033469
WNW	0.005948	0.016634	0.011039	0.008216	0.000655	0.000050	0.042542
NW	0.006200	0.023691	0.017692	0.007762	0.000655	0.000101	0.056102
NNW	0.004133	0.022431	0.019356	0.004032	0.000000	0.000050	0.050003
Total	0.095166	0.395232	0.341197	0.100862	0.003176	0.000403	

Frequency of Calm Winds : 6.40%

Average Wind Speed : 6.84 Knots