

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: May 1 - May 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	48	249	313	253	22	0	885
NNE	55	253	298	149	13	0	768
NE	69	344	512	369	37	2	1333
ENE	77	393	609	399	19	0	1497
E	48	260	416	227	16	0	967
ESE	45	254	301	179	15	0	794
SE	53	365	508	251	13	3	1193
SSE	78	383	544	417	56	2	1480
S	116	642	995	678	137	19	2587
SSW	79	430	428	318	49	12	1316
SW	77	352	442	345	45	5	1266
WSW	84	329	315	226	33	3	990
W	70	225	246	242	47	13	843
WNW	73	322	345	361	96	21	1218
NW	61	319	374	267	46	2	1069
NNW	63	241	249	160	20	0	733
Total	1096	5361	6895	4841	664	82	

Frequency of Calm Winds : 909

Average Wind Speed : 8.76 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: May 1 - May 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	0.002418	0.012545	0.015770	0.012747	0.001108	0.000000	0.044589
NNE	0.002771	0.012747	0.015014	0.007507	0.000655	0.000000	0.038694
NE	0.003476	0.017332	0.025796	0.018591	0.001864	0.000101	0.067160
ENE	0.003879	0.019800	0.030683	0.020103	0.000957	0.000000	0.075423
E	0.002418	0.013100	0.020959	0.011437	0.000806	0.000000	0.048720
ESE	0.002267	0.012797	0.015165	0.009019	0.000756	0.000000	0.040004
SE	0.002670	0.018390	0.025595	0.012646	0.000655	0.000151	0.060107
SSE	0.003930	0.019297	0.027408	0.021010	0.002821	0.000101	0.074567
S	0.005844	0.032346	0.050131	0.034160	0.006902	0.000957	0.130341
SSW	0.003980	0.021665	0.021564	0.016022	0.002469	0.000605	0.066304
SW	0.003879	0.017735	0.022269	0.017382	0.002267	0.000252	0.063785
WSW	0.004232	0.016576	0.015871	0.011387	0.001663	0.000151	0.049879
W	0.003527	0.011336	0.012394	0.012193	0.002368	0.000655	0.042473
WNW	0.003678	0.016223	0.017382	0.018188	0.004837	0.001058	0.061366
NW	0.003073	0.016072	0.018843	0.013452	0.002318	0.000101	0.053859
NNW	0.003174	0.012142	0.012545	0.008061	0.001008	0.000000	0.036931
Total	0.055220	0.270103	0.347390	0.243904	0.033454	0.004131	

Frequency of Calm Winds : 4.58%

Average Wind Speed : 8.76 Knots