

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: Feb 1 - Feb 29

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	37	237	397	332	48	3	<b>1054</b>
NNE	44	209	255	174	24	0	<b>706</b>
NE	34	237	403	296	50	5	<b>1025</b>
ENE	40	278	441	335	75	4	<b>1173</b>
E	26	209	238	135	12	0	<b>620</b>
ESE	43	147	169	111	10	1	<b>481</b>
SE	35	210	320	234	15	0	<b>814</b>
SSE	56	283	440	390	51	4	<b>1224</b>
S	82	466	879	692	75	1	<b>2195</b>
SSW	59	276	367	229	22	1	<b>954</b>
SW	65	225	225	160	25	4	<b>704</b>
WSW	71	232	260	221	57	25	<b>866</b>
W	49	222	388	447	97	10	<b>1213</b>
WNW	51	279	469	714	209	29	<b>1751</b>
NW	41	256	496	605	175	44	<b>1617</b>
NNW	23	262	441	364	55	7	<b>1152</b>
Total	756	4028	6188	5439	1000	138	

Frequency of Calm Winds : 485

Average Wind Speed : 9.60 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: Feb 1 - Feb 29

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	0.002052	0.013142	0.022014	0.018410	0.002662	0.000166	0.058445
NNE	0.002440	0.011589	0.014140	0.009648	0.001331	0.000000	0.039148
NE	0.001885	0.013142	0.022347	0.016413	0.002773	0.000277	0.056837
ENE	0.002218	0.015415	0.024454	0.018576	0.004159	0.000222	0.065044
E	0.001442	0.011589	0.013197	0.007486	0.000665	0.000000	0.034380
ESE	0.002384	0.008151	0.009371	0.006155	0.000555	0.000055	0.026672
SE	0.001941	0.011645	0.017744	0.012975	0.000832	0.000000	0.045137
SSE	0.003105	0.015693	0.024398	0.021626	0.002828	0.000222	0.067872
S	0.004547	0.025840	0.048741	0.038372	0.004159	0.000055	0.121715
SSW	0.003272	0.015304	0.020350	0.012698	0.001220	0.000055	0.052900
SW	0.003604	0.012476	0.012476	0.008872	0.001386	0.000222	0.039037
WSW	0.003937	0.012865	0.014417	0.012255	0.003161	0.001386	0.048020
W	0.002717	0.012310	0.021515	0.024787	0.005379	0.000555	0.067262
WNW	0.002828	0.015471	0.026006	0.039592	0.011589	0.001608	0.097094
NW	0.002273	0.014195	0.027504	0.033548	0.009704	0.002440	0.089664
NNW	0.001275	0.014528	0.024454	0.020184	0.003050	0.000388	0.063879
Total	0.041921	0.223356	0.343130	0.301597	0.055451	0.007652	

Frequency of Calm Winds : 2.69%

Average Wind Speed : 9.60 Knots