

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: Dec 1 - Dec 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	42	283	370	205	20	3	923
NNE	49	233	231	114	3	1	631
NE	39	195	219	158	6	2	619
ENE	35	211	267	160	29	7	709
E	35	183	220	121	10	2	571
ESE	42	174	246	154	10	0	626
SE	39	280	378	207	21	1	926
SSE	51	336	602	450	50	4	1493
S	94	530	1165	881	96	9	2775
SSW	64	372	535	306	40	3	1320
SW	87	341	363	177	20	7	995
WSW	79	324	335	246	51	16	1051
W	55	280	429	548	143	38	1493
WNW	60	302	614	957	313	71	2317
NW	52	331	536	705	111	12	1747
NNW	47	284	482	308	37	5	1163
Total	870	4659	6992	5697	960	181	

Frequency of Calm Winds : 477

Average Wind Speed : 9.42 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: Dec 1 - Dec 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	0.002117	0.014267	0.018653	0.010335	0.001008	0.000151	0.046532
NNE	0.002470	0.011746	0.011645	0.005747	0.000151	0.000050	0.031811
NE	0.001966	0.009831	0.011041	0.007965	0.000302	0.000101	0.031206
ENE	0.001764	0.010637	0.013460	0.008066	0.001462	0.000353	0.035743
E	0.001764	0.009226	0.011091	0.006100	0.000504	0.000101	0.028786
ESE	0.002117	0.008772	0.012402	0.007764	0.000504	0.000000	0.031559
SE	0.001966	0.014116	0.019056	0.010436	0.001059	0.000050	0.046683
SSE	0.002571	0.016939	0.030349	0.022686	0.002521	0.000202	0.075267
S	0.004739	0.026719	0.058732	0.044414	0.004840	0.000454	0.139897
SSW	0.003226	0.018754	0.026971	0.015426	0.002017	0.000151	0.066546
SW	0.004386	0.017191	0.018300	0.008923	0.001008	0.000353	0.050161
WSW	0.003983	0.016334	0.016888	0.012402	0.002571	0.000807	0.052984
W	0.002773	0.014116	0.021627	0.027627	0.007209	0.001916	0.075267
WNW	0.003025	0.015225	0.030954	0.048246	0.015779	0.003579	0.116808
NW	0.002621	0.016687	0.027022	0.035541	0.005596	0.000605	0.088072
NNW	0.002369	0.014317	0.024299	0.015527	0.001865	0.000252	0.058631
Total	0.043860	0.234876	0.352490	0.287205	0.048397	0.009125	

Frequency of Calm Winds : 2.40%

Average Wind Speed : 9.42 Knots