

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: Apr 1 - Apr 30

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	26	212	297	300	25	2	862
NNE	44	163	249	224	26	0	706
NE	36	183	343	367	81	7	1017
ENE	30	224	473	534	53	2	1316
E	23	161	364	396	50	2	996
ESE	29	172	303	263	25	8	800
SE	41	280	425	368	55	7	1176
SSE	35	329	518	588	98	16	1584
S	71	436	846	848	200	25	2426
SSW	44	199	324	308	75	11	961
SW	58	202	224	253	69	14	820
WSW	54	211	221	258	76	25	845
W	61	237	265	398	151	66	1178
WNW	40	286	363	622	211	69	1591
NW	44	274	430	484	148	28	1408
NNW	46	229	339	341	48	9	1012
Total	682	3798	5984	6552	1391	291	

Frequency of Calm Winds : 501

Average Wind Speed : 10.28 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: Apr 1 - Apr 30

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	0.001354	0.011042	0.015470	0.015626	0.001302	0.000104	0.044898
NNE	0.002292	0.008490	0.012969	0.011667	0.001354	0.000000	0.036773
NE	0.001875	0.009532	0.017866	0.019116	0.004219	0.000365	0.052972
ENE	0.001563	0.011667	0.024637	0.027814	0.002761	0.000104	0.068545
E	0.001198	0.008386	0.018959	0.020626	0.002604	0.000104	0.051878
ESE	0.001510	0.008959	0.015782	0.013699	0.001302	0.000417	0.041669
SE	0.002136	0.014584	0.022137	0.019168	0.002865	0.000365	0.061253
SSE	0.001823	0.017136	0.026981	0.030627	0.005104	0.000833	0.082504
S	0.003698	0.022710	0.044065	0.044169	0.010417	0.001302	0.126361
SSW	0.002292	0.010365	0.016876	0.016043	0.003906	0.000573	0.050055
SW	0.003021	0.010521	0.011667	0.013178	0.003594	0.000729	0.042711
WSW	0.002813	0.010990	0.011511	0.013438	0.003959	0.001302	0.044013
W	0.003177	0.012344	0.013803	0.020730	0.007865	0.003438	0.061357
WNW	0.002083	0.014897	0.018907	0.032398	0.010990	0.003594	0.082869
NW	0.002292	0.014272	0.022397	0.025210	0.007709	0.001458	0.073337
NNW	0.002396	0.011928	0.017657	0.017761	0.002500	0.000469	0.052711
Total	0.035523	0.197823	0.311683	0.341268	0.072452	0.015157	

Frequency of Calm Winds : 2.61%

Average Wind Speed : 10.28 Knots