

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: Jan 1 - Jan 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	24	213	340	246	38	2	<b>863</b>
NNE	31	236	261	107	7	1	<b>643</b>
NE	28	169	251	121	36	4	<b>609</b>
ENE	32	157	223	127	15	0	<b>554</b>
E	23	103	213	123	8	0	<b>470</b>
ESE	28	103	161	97	7	0	<b>396</b>
SE	26	162	337	214	15	0	<b>754</b>
SSE	40	271	531	455	55	2	<b>1354</b>
S	84	564	1047	834	133	7	<b>2669</b>
SSW	72	427	555	310	37	3	<b>1404</b>
SW	76	329	449	197	31	4	<b>1086</b>
WSW	85	360	450	315	74	24	<b>1308</b>
W	41	317	514	693	205	76	<b>1846</b>
WNW	46	309	672	952	313	129	<b>2421</b>
NW	33	316	638	633	189	65	<b>1874</b>
NNW	39	273	440	325	35	2	<b>1114</b>
Total	708	4309	7082	5749	1198	319	

Frequency of Calm Winds : 448

Average Wind Speed : 9.78 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: Jan 1 - Jan 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	0.001211	0.010751	0.017160	0.012416	0.001918	0.000101	0.043557
NNE	0.001565	0.011911	0.013173	0.005400	0.000353	0.000050	0.032453
NE	0.001413	0.008530	0.012668	0.006107	0.001817	0.000202	0.030737
ENE	0.001615	0.007924	0.011255	0.006410	0.000757	0.000000	0.027961
E	0.001161	0.005199	0.010751	0.006208	0.000404	0.000000	0.023722
ESE	0.001413	0.005199	0.008126	0.004896	0.000353	0.000000	0.019987
SE	0.001312	0.008176	0.017009	0.010801	0.000757	0.000000	0.038056
SSE	0.002019	0.013678	0.026801	0.022965	0.002776	0.000101	0.068339
S	0.004240	0.028466	0.052844	0.042094	0.006713	0.000353	0.134710
SSW	0.003634	0.021552	0.028012	0.015646	0.001867	0.000151	0.070863
SW	0.003836	0.016605	0.022662	0.009943	0.001565	0.000202	0.054812
WSW	0.004290	0.018170	0.022712	0.015899	0.003735	0.001211	0.066017
W	0.002069	0.016000	0.025943	0.034977	0.010347	0.003836	0.093171
WNW	0.002322	0.015596	0.033917	0.048049	0.015798	0.006511	0.122192
NW	0.001666	0.015949	0.032201	0.031949	0.009539	0.003281	0.094584
NNW	0.001968	0.013779	0.022208	0.016403	0.001767	0.000101	0.056226
Total	0.035734	0.217483	0.357442	0.290163	0.060465	0.016101	

Frequency of Calm Winds : 2.26%

Average Wind Speed : 9.78 Knots