

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: Oct 1 - Oct 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	62	270	362	189	6	0	889
NNE	58	179	203	121	3	0	564
NE	60	240	209	133	4	0	646
ENE	66	240	300	172	0	0	778
E	64	234	259	124	1	1	683
ESE	52	246	182	53	4	0	537
SE	85	461	479	222	9	3	1259
SSE	111	563	778	544	47	2	2045
S	156	843	1289	855	92	9	3244
SSW	89	431	443	373	43	2	1381
SW	90	315	294	213	24	2	938
WSW	79	277	263	183	20	7	829
W	67	258	331	305	59	11	1031
WNW	79	348	438	445	104	18	1432
NW	87	375	570	402	61	5	1500
NNW	59	335	426	210	6	0	1036
Total	1264	5615	6826	4544	483	60	

Frequency of Calm Winds : 1047

Average Wind Speed : 8.44 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: Oct 1 - Oct 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	0.003125	0.013610	0.018247	0.009527	0.000302	0.000000	0.044811
NNE	0.002924	0.009023	0.010232	0.006099	0.000151	0.000000	0.028429
NE	0.003024	0.012097	0.010535	0.006704	0.000202	0.000000	0.032562
ENE	0.003327	0.012097	0.015122	0.008670	0.000000	0.000000	0.039216
E	0.003226	0.011795	0.013055	0.006250	0.000050	0.000050	0.034427
ESE	0.002621	0.012400	0.009174	0.002672	0.000202	0.000000	0.027068
SE	0.004284	0.023237	0.024144	0.011190	0.000454	0.000151	0.063461
SSE	0.005595	0.028378	0.039216	0.027421	0.002369	0.000101	0.103080
S	0.007863	0.042492	0.064973	0.043097	0.004637	0.000454	0.163516
SSW	0.004486	0.021725	0.022330	0.018801	0.002167	0.000101	0.069610
SW	0.004537	0.015878	0.014819	0.010736	0.001210	0.000101	0.047281
WSW	0.003982	0.013962	0.013257	0.009224	0.001008	0.000353	0.041786
W	0.003377	0.013005	0.016684	0.015374	0.002974	0.000554	0.051968
WNW	0.003982	0.017541	0.022078	0.022431	0.005242	0.000907	0.072181
NW	0.004385	0.018902	0.028731	0.020263	0.003075	0.000252	0.075609
NNW	0.002974	0.016886	0.021473	0.010585	0.000302	0.000000	0.052220
Total	0.063713	0.283028	0.344070	0.229044	0.024346	0.003024	

Frequency of Calm Winds : 5.28%

Average Wind Speed : 8.44 Knots