

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: Sep 1 - Sep 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	81	342	418	199	8	2	<b>1050</b>
NNE	90	296	290	96	5	0	<b>777</b>
NE	98	391	378	144	4	0	<b>1015</b>
ENE	96	429	374	126	0	0	<b>1025</b>
E	59	331	330	56	0	0	<b>776</b>
ESE	80	293	211	35	0	0	<b>619</b>
SE	109	481	430	81	3	0	<b>1104</b>
SSE	102	600	672	269	12	1	<b>1656</b>
S	190	976	1194	605	25	1	<b>2991</b>
SSW	128	501	470	304	15	2	<b>1420</b>
SW	101	367	343	159	0	0	<b>970</b>
WSW	94	281	235	107	4	1	<b>722</b>
W	84	196	188	111	20	2	<b>601</b>
WNW	99	306	246	234	31	4	<b>920</b>
NW	103	347	396	260	20	1	<b>1127</b>
NNW	67	355	401	158	5	0	<b>986</b>
Total	1581	6492	6576	2944	152	14	

Frequency of Calm Winds : 1336

Average Wind Speed : 7.49 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: Sep 1 - Sep 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	0.004242	0.017910	0.021891	0.010422	0.000419	0.000105	0.054988
NNE	0.004713	0.015501	0.015187	0.005027	0.000262	0.000000	0.040691
NE	0.005132	0.020477	0.019796	0.007541	0.000209	0.000000	0.053155
ENE	0.005027	0.022467	0.019586	0.006599	0.000000	0.000000	0.053679
E	0.003090	0.017334	0.017282	0.002933	0.000000	0.000000	0.040639
ESE	0.004190	0.015344	0.011050	0.001833	0.000000	0.000000	0.032417
SE	0.005708	0.025190	0.022519	0.004242	0.000157	0.000000	0.057816
SSE	0.005342	0.031422	0.035192	0.014087	0.000628	0.000052	0.086724
S	0.009950	0.051113	0.062529	0.031684	0.001309	0.000052	0.156638
SSW	0.006703	0.026237	0.024614	0.015920	0.000786	0.000105	0.074365
SW	0.005289	0.019220	0.017963	0.008327	0.000000	0.000000	0.050799
WSW	0.004923	0.014716	0.012307	0.005604	0.000209	0.000052	0.037811
W	0.004399	0.010264	0.009846	0.005813	0.001047	0.000105	0.031474
WNW	0.005185	0.016025	0.012883	0.012255	0.001623	0.000209	0.048180
NW	0.005394	0.018172	0.020738	0.013616	0.001047	0.000052	0.059021
NNW	0.003509	0.018591	0.021000	0.008274	0.000262	0.000000	0.051637
Total	0.082797	0.339984	0.344383	0.154176	0.007960	0.000733	

Frequency of Calm Winds : 7.00%

Average Wind Speed : 7.49 Knots