

Station ID: 93822

RUN ID: SPRINGFIELD/CAPITAL 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	24	152	315	281	44	5	821
NNE	21	153	167	124	11	0	476
NE	23	157	159	96	8	0	443
ENE	29	161	157	99	18	1	465
E	27	142	215	104	22	0	510
ESE	28	146	272	172	29	1	648
SE	22	155	316	269	45	1	808
SSE	14	133	366	483	121	25	1142
S	44	212	588	874	309	51	2078
SSW	38	253	457	519	117	23	1407
SW	44	278	350	273	65	27	1037
WSW	43	301	392	302	88	61	1187
W	28	221	434	441	174	53	1351
WNW	28	217	499	619	253	36	1652
NW	34	217	450	652	190	17	1560
NNW	20	157	376	394	73	3	1023
Total	467	3055	5513	5702	1567	304	

Frequency of Calm Winds : 251

Average Wind Speed : 10.58 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	0.001424	0.009016	0.018684	0.016668	0.002610	0.000297	0.048698
NNE	0.001246	0.009075	0.009906	0.007355	0.000652	0.000000	0.028234
NE	0.001364	0.009313	0.009431	0.005694	0.000475	0.000000	0.026277
ENE	0.001720	0.009550	0.009313	0.005872	0.001068	0.000059	0.027582
E	0.001602	0.008423	0.012753	0.006169	0.001305	0.000000	0.030251
ESE	0.001661	0.008660	0.016134	0.010202	0.001720	0.000059	0.038436
SE	0.001305	0.009194	0.018744	0.015956	0.002669	0.000059	0.047927
SSE	0.000830	0.007889	0.021709	0.028649	0.007177	0.001483	0.067738
S	0.002610	0.012575	0.034878	0.051842	0.018328	0.003025	0.123258
SSW	0.002254	0.015007	0.027107	0.030785	0.006940	0.001364	0.083457
SW	0.002610	0.016490	0.020760	0.016193	0.003856	0.001602	0.061510
WSW	0.002551	0.017854	0.023252	0.017913	0.005220	0.003618	0.070407
W	0.001661	0.013109	0.025743	0.026158	0.010321	0.003144	0.080135
WNW	0.001661	0.012871	0.029598	0.036716	0.015007	0.002135	0.097989
NW	0.002017	0.012871	0.026692	0.038674	0.011270	0.001008	0.092532
NNW	0.001186	0.009313	0.022303	0.023370	0.004330	0.000178	0.060680
Total	0.027700	0.181209	0.327006	0.338217	0.092947	0.018032	

Frequency of Calm Winds : 1.49%

Average Wind Speed : 10.58 Knots