

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: Aug 1 - Aug 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	77	366	350	106	5	1	905
NNE	76	366	348	101	4	1	896
NE	92	419	337	75	0	0	923
ENE	97	479	273	36	1	0	886
E	116	501	280	36	0	0	933
ESE	96	528	325	51	0	0	1000
SE	80	433	400	61	1	0	975
SSE	77	331	442	173	9	0	1032
S	93	528	954	389	23	2	1989
SSW	69	445	848	334	19	0	1715
SW	97	479	541	212	12	0	1341
WSW	102	333	290	141	18	0	884
W	71	257	151	68	4	1	552
WNW	57	299	184	75	4	1	620
NW	58	359	267	95	7	1	787
NNW	77	314	311	56	2	0	760
Total	1335	6437	6301	2009	109	7	

Frequency of Calm Winds : 664

Average Wind Speed : 7.16 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: Aug 1 - Aug 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	0.004566	0.021706	0.020757	0.006286	0.000297	0.000059	0.053671
NNE	0.004507	0.021706	0.020638	0.005990	0.000237	0.000059	0.053137
NE	0.005456	0.024849	0.019986	0.004448	0.000000	0.000000	0.054738
ENE	0.005753	0.028407	0.016190	0.002135	0.000059	0.000000	0.052544
E	0.006879	0.029712	0.016605	0.002135	0.000000	0.000000	0.055332
ESE	0.005693	0.031313	0.019274	0.003025	0.000000	0.000000	0.059305
SE	0.004744	0.025679	0.023722	0.003618	0.000059	0.000000	0.057822
SSE	0.004566	0.019630	0.026213	0.010260	0.000534	0.000000	0.061203
S	0.005515	0.031313	0.056577	0.023070	0.001364	0.000119	0.117958
SSW	0.004092	0.026391	0.050291	0.019808	0.001127	0.000000	0.101708
SW	0.005753	0.028407	0.032084	0.012573	0.000712	0.000000	0.079528
WSW	0.006049	0.019749	0.017198	0.008362	0.001067	0.000000	0.052426
W	0.004211	0.015241	0.008955	0.004033	0.000237	0.000059	0.032736
WNW	0.003380	0.017732	0.010912	0.004448	0.000237	0.000059	0.036769
NW	0.003440	0.021290	0.015834	0.005634	0.000415	0.000059	0.046673
NNW	0.004566	0.018622	0.018444	0.003321	0.000119	0.000000	0.045072
Total	0.079172	0.381746	0.373680	0.119144	0.006464	0.000415	

Frequency of Calm Winds : 3.94%

Average Wind Speed : 7.16 Knots