

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: Jul 1 - Jul 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	54	285	325	141	6	1	812
NNE	42	283	340	102	10	1	778
NE	59	349	344	74	0	0	826
ENE	71	378	320	51	1	0	821
E	82	397	227	49	2	0	757
ESE	58	342	247	33	0	0	680
SE	47	322	315	48	1	0	733
SSE	37	303	378	163	8	0	889
S	73	521	857	437	36	2	1926
SSW	70	496	806	421	13	4	1810
SW	105	573	698	295	20	0	1691
WSW	105	420	396	203	18	4	1146
W	79	281	256	118	9	0	743
WNW	50	281	246	68	4	3	652
NW	56	288	274	136	11	2	767
NNW	40	256	282	92	4	1	675
Total	1028	5775	6311	2431	143	18	

Frequency of Calm Winds : 661

Average Wind Speed : 7.54 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: Jul 1 - Jul 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	0.003299	0.017413	0.019857	0.008615	0.000367	0.000061	0.049612
NNE	0.002566	0.017291	0.020774	0.006232	0.000611	0.000061	0.047535
NE	0.003605	0.021323	0.021018	0.004521	0.000000	0.000000	0.050467
ENE	0.004338	0.023095	0.019552	0.003116	0.000061	0.000000	0.050162
E	0.005010	0.024256	0.013869	0.002994	0.000122	0.000000	0.046252
ESE	0.003544	0.020896	0.015091	0.002016	0.000000	0.000000	0.041547
SE	0.002872	0.019674	0.019246	0.002933	0.000061	0.000000	0.044785
SSE	0.002261	0.018513	0.023095	0.009959	0.000489	0.000000	0.054317
S	0.004460	0.031832	0.052361	0.026700	0.002200	0.000122	0.117676
SSW	0.004277	0.030305	0.049245	0.025722	0.000794	0.000244	0.110588
SW	0.006415	0.035009	0.042647	0.018024	0.001222	0.000000	0.103318
WSW	0.006415	0.025661	0.024195	0.012403	0.001100	0.000244	0.070019
W	0.004827	0.017169	0.015641	0.007210	0.000550	0.000000	0.045396
WNW	0.003055	0.017169	0.015030	0.004155	0.000244	0.000183	0.039836
NW	0.003422	0.017596	0.016741	0.008309	0.000672	0.000122	0.046863
NNW	0.002444	0.015641	0.017230	0.005621	0.000244	0.000061	0.041242
Total	0.062809	0.352844	0.385593	0.148531	0.008737	0.001100	

Frequency of Calm Winds : 4.04%

Average Wind Speed : 7.54 Knots