

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: May 1 - May 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	52	220	277	213	40	1	803
NNE	32	243	242	220	30	7	774
NE	52	256	289	170	18	1	786
ENE	41	239	316	177	26	2	801
E	36	250	308	170	27	1	792
ESE	52	284	367	191	22	1	917
SE	42	276	387	270	30	1	1006
SSE	42	199	446	396	105	17	1205
S	46	289	695	691	268	67	2056
SSW	47	263	506	496	171	31	1514
SW	49	315	367	303	107	26	1167
WSW	40	276	325	253	120	37	1051
W	35	194	249	194	61	14	747
WNW	23	159	235	251	80	12	760
NW	23	223	302	215	38	6	807
NNW	32	183	244	181	38	7	685
Total	644	3869	5555	4391	1181	231	

Frequency of Calm Winds : 473

Average Wind Speed : 9.68 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: May 1 - May 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	0.003182	0.013461	0.016948	0.013032	0.002447	0.000061	0.049131
NNE	0.001958	0.014868	0.014807	0.013461	0.001836	0.000428	0.047357
NE	0.003182	0.015663	0.017682	0.010401	0.001101	0.000061	0.048091
ENE	0.002509	0.014623	0.019334	0.010830	0.001591	0.000122	0.049009
E	0.002203	0.015296	0.018845	0.010401	0.001652	0.000061	0.048458
ESE	0.003182	0.017376	0.022455	0.011686	0.001346	0.000061	0.056106
SE	0.002570	0.016887	0.023678	0.016520	0.001836	0.000061	0.061552
SSE	0.002570	0.012176	0.027288	0.024229	0.006424	0.001040	0.073727
S	0.002814	0.017682	0.042523	0.042279	0.016397	0.004099	0.125795
SSW	0.002876	0.016092	0.030959	0.030348	0.010463	0.001897	0.092633
SW	0.002998	0.019273	0.022455	0.018539	0.006547	0.001591	0.071402
WSW	0.002447	0.016887	0.019885	0.015480	0.007342	0.002264	0.064305
W	0.002141	0.011870	0.015235	0.011870	0.003732	0.000857	0.045705
WNW	0.001407	0.009728	0.014378	0.015357	0.004895	0.000734	0.046500
NW	0.001407	0.013644	0.018478	0.013155	0.002325	0.000367	0.049376
NNW	0.001958	0.011197	0.014929	0.011074	0.002325	0.000428	0.041911
Total	0.039403	0.236723	0.339880	0.268661	0.072259	0.014134	

Frequency of Calm Winds : 2.89%

Average Wind Speed : 9.68 Knots