

Station ID: 94822

RUN ID: ROCKFORD/GREATER ROCKFORD ARP

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	39	260	360	196	8	1	864
NNE	38	194	290	173	13	1	709
NE	61	223	293	129	11	0	717
ENE	86	290	314	136	6	0	832
E	72	220	279	97	5	0	673
ESE	52	171	231	54	0	0	508
SE	69	253	246	93	4	0	665
SSE	147	445	303	176	19	1	1091
S	296	1044	893	514	63	1	2811
SSW	77	372	432	411	52	1	1345
SW	77	217	246	256	18	5	819
WSW	34	135	213	159	19	12	572
W	32	144	208	161	29	22	596
WNW	59	252	304	279	49	4	947
NW	41	294	358	267	22	0	982
NNW	39	255	289	137	10	2	732
Total	1219	4769	5259	3238	328	50	

Frequency of Calm Winds : 1457

Average Wind Speed : 8.14 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	0.002390	0.015931	0.022059	0.012010	0.000490	0.000061	0.052941
NNE	0.002328	0.011887	0.017770	0.010600	0.000797	0.000061	0.043444
NE	0.003738	0.013664	0.017953	0.007904	0.000674	0.000000	0.043934
ENE	0.005270	0.017770	0.019240	0.008333	0.000368	0.000000	0.050980
E	0.004412	0.013480	0.017096	0.005944	0.000306	0.000000	0.041238
ESE	0.003186	0.010478	0.014154	0.003309	0.000000	0.000000	0.031127
SE	0.004228	0.015502	0.015074	0.005699	0.000245	0.000000	0.040748
SSE	0.009007	0.027267	0.018566	0.010784	0.001164	0.000061	0.066850
S	0.018137	0.063971	0.054718	0.031495	0.003860	0.000061	0.172243
SSW	0.004718	0.022794	0.026471	0.025184	0.003186	0.000061	0.082414
SW	0.004718	0.013297	0.015074	0.015686	0.001103	0.000306	0.050184
WSW	0.002083	0.008272	0.013051	0.009743	0.001164	0.000735	0.035049
W	0.001961	0.008824	0.012745	0.009865	0.001777	0.001348	0.036520
WNW	0.003615	0.015441	0.018627	0.017096	0.003002	0.000245	0.058027
NW	0.002512	0.018015	0.021936	0.016360	0.001348	0.000000	0.060172
NNW	0.002390	0.015625	0.017708	0.008395	0.000613	0.000123	0.044853
Total	0.074694	0.292218	0.322243	0.198407	0.020098	0.003064	

Frequency of Calm Winds : 8.93%

Average Wind Speed : 8.14 Knots