

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: Mar 1 - Mar 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	28	108	217	325	45	0	<b>723</b>
NNE	29	100	218	281	52	5	<b>685</b>
NE	28	176	299	360	103	14	<b>980</b>
ENE	49	231	477	761	163	27	<b>1708</b>
E	31	115	260	370	59	15	<b>850</b>
ESE	35	79	182	199	36	4	<b>535</b>
SE	46	164	227	287	34	5	<b>763</b>
SSE	50	228	331	339	78	12	<b>1038</b>
S	62	383	484	579	151	20	<b>1679</b>
SSW	37	188	239	255	81	50	<b>850</b>
SW	19	113	159	179	84	49	<b>603</b>
WSW	19	88	172	212	75	28	<b>594</b>
W	15	127	224	308	95	40	<b>809</b>
WNW	26	197	487	588	168	29	<b>1495</b>
NW	27	241	488	519	116	12	<b>1403</b>
NNW	21	150	293	368	42	1	<b>875</b>
Total	522	2688	4757	5930	1382	311	

Frequency of Calm Winds : 562

Average Wind Speed : 10.78 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: Mar 1 - Mar 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	0.001734	0.006686	0.013435	0.020121	0.002786	0.000000	0.044762
NNE	0.001795	0.006191	0.013497	0.017397	0.003219	0.000310	0.042410
NE	0.001734	0.010896	0.018512	0.022288	0.006377	0.000867	0.060674
ENE	0.003034	0.014302	0.029532	0.047115	0.010092	0.001672	0.105745
E	0.001919	0.007120	0.016097	0.022907	0.003653	0.000929	0.052625
ESE	0.002167	0.004891	0.011268	0.012320	0.002229	0.000248	0.033123
SE	0.002848	0.010154	0.014054	0.017769	0.002105	0.000310	0.047239
SSE	0.003096	0.014116	0.020493	0.020988	0.004829	0.000743	0.064264
S	0.003839	0.023712	0.029965	0.035847	0.009349	0.001238	0.103950
SSW	0.002291	0.011639	0.014797	0.015788	0.005015	0.003096	0.052625
SW	0.001176	0.006996	0.009844	0.011082	0.005201	0.003034	0.037333
WSW	0.001176	0.005448	0.010649	0.013125	0.004643	0.001734	0.036776
W	0.000929	0.007863	0.013868	0.019069	0.005882	0.002476	0.050087
WNW	0.001610	0.012197	0.030151	0.036404	0.010401	0.001795	0.092558
NW	0.001672	0.014921	0.030213	0.032132	0.007182	0.000743	0.086862
NNW	0.001300	0.009287	0.018140	0.022784	0.002600	0.000062	0.054173
Total	0.032318	0.166419	0.294515	0.367137	0.085562	0.019255	

Frequency of Calm Winds : 3.48%

Average Wind Speed : 10.78 Knots