

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: Jan 1 - Dec 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	375	1883	3074	2605	302	43	8282
NNE	320	1542	2836	2389	332	47	7466
NE	476	2204	3229	2609	497	61	9076
ENE	673	3162	4685	4011	695	103	13329
E	523	2012	2906	1973	221	38	7673
ESE	534	1549	2080	1312	124	15	5614
SE	693	2433	2766	1786	222	15	7915
SSE	1188	4208	3696	2735	397	43	12267
S	1941	9106	8024	6258	1074	134	26537
SSW	775	3769	4758	4516	823	147	14788
SW	532	2349	3375	3409	618	175	10458
WSW	352	1713	2974	2947	625	218	8829
W	313	1691	3184	3332	823	279	9622
WNW	466	2902	5370	6252	1540	288	16818
NW	432	3357	5385	4859	815	100	14948
NNW	354	2445	3533	2729	314	34	9409
Total	9947	46325	61875	53722	9422	1740	

Frequency of Calm Winds : 11162

Average Wind Speed : 9.34 Knots

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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: Jan 1 - Dec 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	0.001931	0.009697	0.015830	0.013414	0.001555	0.000221	0.042648
NNE	0.001648	0.007941	0.014604	0.012302	0.001710	0.000242	0.038446
NE	0.002451	0.011350	0.016628	0.013435	0.002559	0.000314	0.046737
ENE	0.003466	0.016283	0.024125	0.020655	0.003579	0.000530	0.068638
E	0.002693	0.010361	0.014964	0.010160	0.001138	0.000196	0.039512
ESE	0.002750	0.007977	0.010711	0.006756	0.000639	0.000077	0.028909
SE	0.003569	0.012529	0.014244	0.009197	0.001143	0.000077	0.040758
SSE	0.006118	0.021669	0.019033	0.014084	0.002044	0.000221	0.063169
S	0.009995	0.046891	0.041320	0.032226	0.005531	0.000690	0.136653
SSW	0.003991	0.019409	0.024501	0.023255	0.004238	0.000757	0.076151
SW	0.002740	0.012096	0.017380	0.017555	0.003182	0.000901	0.053854
WSW	0.001813	0.008821	0.015315	0.015176	0.003218	0.001123	0.045465
W	0.001612	0.008708	0.016396	0.017158	0.004238	0.001437	0.049549
WNW	0.002400	0.014944	0.027653	0.032195	0.007930	0.001483	0.086605
NW	0.002225	0.017287	0.027730	0.025021	0.004197	0.000515	0.076975
NNW	0.001823	0.012591	0.018193	0.014053	0.001617	0.000175	0.048452
Total	0.051222	0.238551	0.318626	0.276642	0.048519	0.008960	

Frequency of Calm Winds : 5.75%

Average Wind Speed : 9.34 Knots