

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: Jun 1 - Jun 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	35	128	203	86	6	1	459
NNE	28	139	196	128	19	0	510
NE	31	205	301	186	20	1	744
ENE	62	329	550	396	39	4	1380
E	49	226	300	163	10	1	749
ESE	55	169	212	93	1	0	530
SE	59	224	229	109	6	0	627
SSE	98	344	284	155	13	2	896
S	188	793	568	399	68	8	2024
SSW	83	383	439	436	66	8	1415
SW	51	252	339	394	70	9	1115
WSW	41	166	337	288	54	8	894
W	37	161	261	264	57	19	799
WNW	47	229	352	352	73	5	1058
NW	32	224	332	282	29	2	901
NNW	30	183	240	120	8	0	581
Total	926	4155	5143	3851	539	68	

Frequency of Calm Winds : 949

Average Wind Speed : 8.79 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: Jun 1 - Jun 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	0.002239	0.008189	0.012987	0.005502	0.000384	0.000064	0.029365
NNE	0.001791	0.008893	0.012539	0.008189	0.001216	0.000000	0.032627
NE	0.001983	0.013115	0.019257	0.011899	0.001280	0.000064	0.047598
ENE	0.003966	0.021048	0.035186	0.025334	0.002495	0.000256	0.088286
E	0.003135	0.014458	0.019193	0.010428	0.000640	0.000064	0.047918
ESE	0.003519	0.010812	0.013563	0.005950	0.000064	0.000000	0.033907
SE	0.003775	0.014330	0.014650	0.006973	0.000384	0.000000	0.040113
SSE	0.006270	0.022008	0.018169	0.009916	0.000832	0.000128	0.057322
S	0.012027	0.050733	0.036338	0.025526	0.004350	0.000512	0.129486
SSW	0.005310	0.024503	0.028085	0.027893	0.004222	0.000512	0.090525
SW	0.003263	0.016122	0.021688	0.025206	0.004478	0.000576	0.071333
WSW	0.002623	0.010620	0.021560	0.018425	0.003455	0.000512	0.057194
W	0.002367	0.010300	0.016698	0.016890	0.003647	0.001216	0.051116
WNW	0.003007	0.014650	0.022519	0.022519	0.004670	0.000320	0.067686
NW	0.002047	0.014330	0.021240	0.018041	0.001855	0.000128	0.057642
NNW	0.001919	0.011708	0.015354	0.007677	0.000512	0.000000	0.037170
Total	0.059241	0.265818	0.329026	0.246369	0.034483	0.004350	

Frequency of Calm Winds : 6.07%

Average Wind Speed : 8.79 Knots