

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: Apr 1 - Apr 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	20	116	248	246	47	9	686
NNE	10	111	243	245	53	8	670
NE	29	155	300	353	115	20	972
ENE	42	209	498	676	145	32	1602
E	37	152	289	350	38	5	871
ESE	39	105	189	246	34	3	616
SE	43	156	215	254	58	5	731
SSE	69	262	259	319	65	11	985
S	91	427	475	535	131	29	1688
SSW	31	188	238	348	127	24	956
SW	26	113	165	254	86	29	673
WSW	20	87	161	234	82	48	632
W	14	94	207	276	105	38	734
WNW	22	168	387	470	142	47	1236
NW	21	223	397	461	115	14	1231
NNW	17	144	274	291	44	6	776
Total	531	2710	4545	5558	1387	328	

Frequency of Calm Winds : 570

Average Wind Speed : 10.77 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: Apr 1 - Apr 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	0.001280	0.007422	0.015868	0.015740	0.003007	0.000576	0.043893
NNE	0.000640	0.007102	0.015548	0.015676	0.003391	0.000512	0.042869
NE	0.001856	0.009917	0.019195	0.022586	0.007358	0.001280	0.062192
ENE	0.002687	0.013373	0.031864	0.043253	0.009278	0.002047	0.102502
E	0.002367	0.009726	0.018491	0.022394	0.002431	0.000320	0.055730
ESE	0.002495	0.006718	0.012093	0.015740	0.002175	0.000192	0.039414
SE	0.002751	0.009981	0.013756	0.016252	0.003711	0.000320	0.046772
SSE	0.004415	0.016764	0.016572	0.020411	0.004159	0.000704	0.063024
S	0.005823	0.027321	0.030392	0.034231	0.008382	0.001856	0.108004
SSW	0.001983	0.012029	0.015228	0.022266	0.008126	0.001536	0.061168
SW	0.001664	0.007230	0.010557	0.016252	0.005503	0.001856	0.043061
WSW	0.001280	0.005567	0.010301	0.014972	0.005247	0.003071	0.040438
W	0.000896	0.006014	0.013245	0.017659	0.006718	0.002431	0.046964
WNW	0.001408	0.010749	0.024762	0.030072	0.009086	0.003007	0.079084
NW	0.001344	0.014268	0.025401	0.029496	0.007358	0.000896	0.078764
NNW	0.001088	0.009214	0.017532	0.018619	0.002815	0.000384	0.049651
Total	0.033975	0.173396	0.290806	0.355621	0.088745	0.020987	

Frequency of Calm Winds : 3.65%

Average Wind Speed : 10.77 Knots