

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: May 1 - May 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	34	119	201	154	19	3	<b>530</b>
NNE	34	137	238	215	26	6	<b>656</b>
NE	61	234	355	373	53	3	<b>1079</b>
ENE	65	383	637	613	65	4	<b>1767</b>
E	43	277	424	284	31	8	<b>1067</b>
ESE	44	157	238	209	10	1	<b>659</b>
SE	50	186	300	177	24	1	<b>738</b>
SSE	70	260	310	272	41	3	<b>956</b>
S	122	567	511	468	137	17	<b>1822</b>
SSW	66	265	325	410	102	24	<b>1192</b>
SW	38	177	248	345	79	31	<b>918</b>
WSW	25	129	201	276	81	17	<b>729</b>
W	32	119	219	246	66	20	<b>702</b>
WNW	35	181	303	356	97	33	<b>1005</b>
NW	28	188	333	313	50	6	<b>918</b>
NNW	22	169	210	156	16	0	<b>573</b>
Total	769	3548	5053	4867	897	177	

Frequency of Calm Winds : 840

Average Wind Speed : 9.67 Knots

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: May 1 - May 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	0.002105	0.007368	0.012445	0.009535	0.001176	0.000186	0.032815
NNE	0.002105	0.008482	0.014736	0.013312	0.001610	0.000371	0.040617
NE	0.003777	0.014488	0.021980	0.023095	0.003282	0.000186	0.066807
ENE	0.004025	0.023714	0.039440	0.037954	0.004025	0.000248	0.109405
E	0.002662	0.017151	0.026252	0.017584	0.001919	0.000495	0.066064
ESE	0.002724	0.009721	0.014736	0.012940	0.000619	0.000062	0.040802
SE	0.003096	0.011516	0.018575	0.010959	0.001486	0.000062	0.045694
SSE	0.004334	0.016098	0.019194	0.016841	0.002539	0.000186	0.059191
S	0.007554	0.035106	0.031639	0.028977	0.008482	0.001053	0.112810
SSW	0.004086	0.016408	0.020123	0.025385	0.006315	0.001486	0.073803
SW	0.002353	0.010959	0.015355	0.021361	0.004891	0.001919	0.056839
WSW	0.001548	0.007987	0.012445	0.017089	0.005015	0.001053	0.045137
W	0.001981	0.007368	0.013560	0.015231	0.004086	0.001238	0.043465
WNW	0.002167	0.011207	0.018760	0.022042	0.006006	0.002043	0.062225
NW	0.001734	0.011640	0.020618	0.019380	0.003096	0.000371	0.056839
NNW	0.001362	0.010464	0.013002	0.009659	0.000991	0.000000	0.035478
Total	0.047613	0.219677	0.312860	0.301344	0.055538	0.010959	

Frequency of Calm Winds : 5.20%

Average Wind Speed : 9.67 Knots