

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: Feb 1 - Feb 29

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	24	132	301	343	50	15	865
NNE	20	140	259	277	55	14	765
NE	38	169	268	294	77	15	861
ENE	40	260	363	383	126	9	1181
E	26	113	203	153	13	5	513
ESE	38	73	103	85	8	0	307
SE	43	134	149	133	10	0	469
SSE	88	260	209	159	16	2	734
S	123	532	504	442	56	1	1658
SSW	42	224	327	289	41	1	924
SW	35	143	247	197	30	11	663
WSW	20	121	195	225	50	18	629
W	22	109	237	266	58	33	725
WNW	21	257	508	669	143	16	1614
NW	37	294	501	450	68	11	1361
NNW	30	201	367	283	40	9	930
Total	647	3162	4741	4648	841	160	

Frequency of Calm Winds : 684

Average Wind Speed : 9.80 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: Feb 1 - Feb 29

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	0.001613	0.008869	0.020224	0.023046	0.003360	0.001008	0.058120
NNE	0.001344	0.009407	0.017402	0.018612	0.003695	0.000941	0.051401
NE	0.002553	0.011355	0.018007	0.019754	0.005174	0.001008	0.057851
ENE	0.002688	0.017470	0.024390	0.025734	0.008466	0.000605	0.079352
E	0.001747	0.007593	0.013640	0.010280	0.000873	0.000336	0.034469
ESE	0.002553	0.004905	0.006921	0.005711	0.000538	0.000000	0.020628
SE	0.002889	0.009004	0.010011	0.008936	0.000672	0.000000	0.031512
SSE	0.005913	0.017470	0.014043	0.010683	0.001075	0.000134	0.049318
S	0.008264	0.035745	0.033864	0.029698	0.003763	0.000067	0.111402
SSW	0.002822	0.015051	0.021971	0.019418	0.002755	0.000067	0.062084
SW	0.002352	0.009608	0.016596	0.013237	0.002016	0.000739	0.044547
WSW	0.001344	0.008130	0.013102	0.015118	0.003360	0.001209	0.042263
W	0.001478	0.007324	0.015924	0.017873	0.003897	0.002217	0.048713
WNW	0.001411	0.017268	0.034133	0.044951	0.009608	0.001075	0.108446
NW	0.002486	0.019754	0.033663	0.030236	0.004569	0.000739	0.091447
NNW	0.002016	0.013505	0.024659	0.019015	0.002688	0.000605	0.062487
Total	0.043472	0.212457	0.318551	0.312303	0.056507	0.010751	

Frequency of Calm Winds : 4.60%

Average Wind Speed : 9.80 Knots