

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: Nov 1 - Nov 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	24	144	219	223	40	1	651
NNE	23	93	265	238	21	6	646
NE	30	131	226	196	30	5	618
ENE	47	171	226	220	59	7	730
E	43	111	119	95	14	1	383
ESE	33	103	114	69	9	0	328
SE	57	186	224	147	32	0	646
SSE	74	394	390	311	66	5	1240
S	108	718	788	661	112	26	2413
SSW	64	293	447	358	73	13	1248
SW	37	197	302	279	56	5	876
WSW	31	126	224	263	86	31	761
W	22	127	296	348	99	33	925
WNW	41	248	468	696	170	34	1657
NW	45	292	487	601	76	13	1514
NNW	26	215	289	324	46	2	902
Total	705	3549	5084	5029	989	182	

Frequency of Calm Winds : 782

Average Wind Speed : 9.79 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: Nov 1 - Nov 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	0.001471	0.008824	0.013419	0.013664	0.002451	0.000061	0.039890
NNE	0.001409	0.005699	0.016238	0.014583	0.001287	0.000368	0.039583
NE	0.001838	0.008027	0.013848	0.012010	0.001838	0.000306	0.037868
ENE	0.002880	0.010478	0.013848	0.013480	0.003615	0.000429	0.044730
E	0.002635	0.006801	0.007292	0.005821	0.000858	0.000061	0.023468
ESE	0.002022	0.006311	0.006985	0.004228	0.000551	0.000000	0.020098
SE	0.003493	0.011397	0.013725	0.009007	0.001961	0.000000	0.039583
SSE	0.004534	0.024142	0.023897	0.019056	0.004044	0.000306	0.075980
S	0.006618	0.043995	0.048284	0.040502	0.006863	0.001593	0.147855
SSW	0.003922	0.017953	0.027390	0.021936	0.004473	0.000797	0.076471
SW	0.002267	0.012071	0.018505	0.017096	0.003431	0.000306	0.053676
WSW	0.001900	0.007721	0.013725	0.016115	0.005270	0.001900	0.046630
W	0.001348	0.007782	0.018137	0.021324	0.006066	0.002022	0.056679
WNW	0.002512	0.015196	0.028676	0.042647	0.010417	0.002083	0.101532
NW	0.002757	0.017892	0.029841	0.036826	0.004657	0.000797	0.092770
NNW	0.001593	0.013174	0.017708	0.019853	0.002819	0.000123	0.055270
Total	0.043199	0.217463	0.311520	0.308150	0.060600	0.011152	

Frequency of Calm Winds : 4.79%

Average Wind Speed : 9.79 Knots