

Station ID: 14923

RUN ID: MOLINE/QUAD-CITY ARPT

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	28	159	273	282	43	13	798
NNE	22	118	202	166	23	4	535
NE	17	163	233	296	50	8	767
ENE	61	345	431	342	76	11	1266
E	113	369	329	194	29	3	1037
ESE	96	256	228	186	24	0	790
SE	54	142	210	150	11	0	567
SSE	38	105	210	168	13	3	537
S	54	160	322	371	57	7	971
SSW	25	145	272	359	76	7	884
SW	66	223	279	289	54	14	925
WSW	99	412	459	256	56	19	1301
W	46	352	485	435	110	43	1471
WNW	27	173	563	905	304	66	2038
NW	10	112	326	519	161	32	1160
NNW	12	86	239	271	28	8	644
Total	768	3320	5061	5189	1115	238	

Frequency of Calm Winds : 1018

Average Wind Speed : 9.99 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	0.001676	0.009516	0.016339	0.016877	0.002573	0.000778	0.047759
NNE	0.001317	0.007062	0.012089	0.009935	0.001377	0.000239	0.032019
NE	0.001017	0.009755	0.013945	0.017715	0.002992	0.000479	0.045903
ENE	0.003651	0.020648	0.025794	0.020468	0.004548	0.000658	0.075768
E	0.006763	0.022084	0.019690	0.011611	0.001736	0.000180	0.062062
ESE	0.005745	0.015321	0.013645	0.011132	0.001436	0.000000	0.047280
SE	0.003232	0.008498	0.012568	0.008977	0.000658	0.000000	0.033934
SSE	0.002274	0.006284	0.012568	0.010054	0.000778	0.000180	0.032138
S	0.003232	0.009576	0.019271	0.022204	0.003411	0.000419	0.058112
SSW	0.001496	0.008678	0.016279	0.021485	0.004548	0.000419	0.052906
SW	0.003950	0.013346	0.016698	0.017296	0.003232	0.000838	0.055359
WSW	0.005925	0.024657	0.027470	0.015321	0.003351	0.001137	0.077862
W	0.002753	0.021066	0.029026	0.026034	0.006583	0.002573	0.088036
WNW	0.001616	0.010354	0.033694	0.054162	0.018194	0.003950	0.121970
NW	0.000598	0.006703	0.019510	0.031061	0.009636	0.001915	0.069424
NNW	0.000718	0.005147	0.014304	0.016219	0.001676	0.000479	0.038542
Total	0.045963	0.198695	0.302891	0.310551	0.066731	0.014244	

Frequency of Calm Winds : 6.09%

Average Wind Speed : 9.99 Knots