

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: Mar 1 - Mar 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	19	137	287	269	30	7	749
NNE	16	109	158	179	23	0	485
NE	31	109	282	403	93	2	920
ENE	41	234	489	623	178	14	1579
E	79	323	378	455	146	20	1401
ESE	61	249	334	365	76	13	1098
SE	47	116	274	333	60	4	834
SSE	30	119	282	349	77	7	864
S	33	143	353	587	121	19	1256
SSW	34	94	225	415	98	36	902
SW	65	193	231	269	104	72	934
WSW	54	319	301	242	104	62	1082
W	36	232	329	402	140	71	1210
WNW	23	173	526	839	367	98	2026
NW	18	98	364	669	185	36	1370
NNW	13	101	281	340	66	2	803
Total	600	2749	5094	6739	1868	463	

Frequency of Calm Winds : 839

Average Wind Speed : 11.13 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: Mar 1 - Mar 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	0.001035	0.007465	0.015639	0.014658	0.001635	0.000381	0.040813
NNE	0.000872	0.005939	0.008609	0.009754	0.001253	0.000000	0.026428
NE	0.001689	0.005939	0.015366	0.021959	0.005068	0.000109	0.050131
ENE	0.002234	0.012751	0.026646	0.033947	0.009699	0.000763	0.086040
E	0.004305	0.017600	0.020597	0.024793	0.007956	0.001090	0.076340
ESE	0.003324	0.013568	0.018200	0.019889	0.004141	0.000708	0.059830
SE	0.002561	0.006321	0.014930	0.018145	0.003269	0.000218	0.045445
SSE	0.001635	0.006484	0.015366	0.019017	0.004196	0.000381	0.047079
S	0.001798	0.007792	0.019235	0.031986	0.006593	0.001035	0.068439
SSW	0.001853	0.005122	0.012260	0.022613	0.005340	0.001962	0.049150
SW	0.003542	0.010517	0.012587	0.014658	0.005667	0.003923	0.050894
WSW	0.002942	0.017382	0.016401	0.013187	0.005667	0.003378	0.058958
W	0.001962	0.012642	0.017927	0.021905	0.007629	0.003869	0.065933
WNW	0.001253	0.009427	0.028662	0.045717	0.019998	0.005340	0.110397
NW	0.000981	0.005340	0.019834	0.036454	0.010081	0.001962	0.074651
NNW	0.000708	0.005503	0.015312	0.018527	0.003596	0.000109	0.043755
Total	0.032694	0.149793	0.277572	0.367208	0.101787	0.025229	

Frequency of Calm Winds : 4.57%

Average Wind Speed : 11.13 Knots