

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: Jan 1 - Dec 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	320	1877	3337	2225	208	37	8004
NNE	264	1456	2368	1549	161	19	5817
NE	342	1744	2962	2241	326	43	7658
ENE	771	3619	4884	3262	547	81	13164
E	1576	5252	4332	2542	417	68	14187
ESE	1598	4422	3438	2007	293	35	11793
SE	914	2557	3361	2197	249	21	9299
SSE	597	2546	4186	3142	366	43	10880
S	738	3169	6879	6388	894	80	18148
SSW	665	2548	5416	5843	860	124	15456
SW	1090	3609	4734	4205	696	228	14562
WSW	1187	5528	5056	3402	719	307	16199
W	666	3734	4354	4330	1333	568	14985
WNW	406	2353	5357	7787	2530	792	19225
NW	264	1535	3786	5128	1204	255	12172
NNW	214	1450	2921	2762	418	47	7812
Total	11612	47399	67371	59010	11221	2748	

Frequency of Calm Winds : 16847

Average Wind Speed : 9.50 Knots

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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: Jan 1 - Dec 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	0.001480	0.008681	0.015434	0.010291	0.000962	0.000171	0.037020
NNE	0.001221	0.006734	0.010952	0.007164	0.000745	0.000088	0.026905
NE	0.001582	0.008066	0.013700	0.010365	0.001508	0.000199	0.035420
ENE	0.003566	0.016739	0.022589	0.015087	0.002530	0.000375	0.060886
E	0.007289	0.024291	0.020036	0.011757	0.001929	0.000315	0.065617
ESE	0.007391	0.020453	0.015901	0.009283	0.001355	0.000162	0.054545
SE	0.004227	0.011827	0.015545	0.010162	0.001152	0.000097	0.043010
SSE	0.002761	0.011776	0.019361	0.014532	0.001693	0.000199	0.050322
S	0.003413	0.014657	0.031817	0.029546	0.004135	0.000370	0.083938
SSW	0.003076	0.011785	0.025050	0.027025	0.003978	0.000574	0.071487
SW	0.005041	0.016692	0.021896	0.019449	0.003219	0.001055	0.067352
WSW	0.005490	0.025568	0.023385	0.015735	0.003326	0.001420	0.074923
W	0.003080	0.017270	0.020138	0.020027	0.006165	0.002627	0.069308
WNW	0.001878	0.010883	0.024777	0.036016	0.011702	0.003663	0.088919
NW	0.001221	0.007100	0.017511	0.023718	0.005569	0.001179	0.056298
NNW	0.000990	0.006707	0.013510	0.012775	0.001933	0.000217	0.036132
Total	0.053708	0.219229	0.311603	0.272932	0.051899	0.012710	

Frequency of Calm Winds : 7.79%

Average Wind Speed : 9.50 Knots