

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: Apr 1 - Apr 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	17	125	294	220	36	5	697
NNE	14	83	197	177	37	2	510
NE	16	126	277	293	79	17	808
ENE	52	205	431	488	95	21	1292
E	83	302	411	533	108	26	1463
ESE	61	250	329	351	82	10	1083
SE	33	126	257	318	52	6	792
SSE	26	120	297	400	63	7	913
S	30	118	430	662	135	14	1389
SSW	41	102	298	508	114	24	1087
SW	74	177	251	363	106	48	1019
WSW	75	311	242	246	91	60	1025
W	36	223	266	282	166	99	1072
WNW	39	161	381	647	283	107	1618
NW	14	94	348	540	160	56	1212
NNW	10	102	257	341	88	8	806
Total	621	2625	4966	6369	1695	510	

Frequency of Calm Winds : 974

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: Apr 1 - Apr 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	0.000957	0.007038	0.016554	0.012387	0.002027	0.000282	0.039245
NNE	0.000788	0.004673	0.011092	0.009966	0.002083	0.000113	0.028716
NE	0.000901	0.007095	0.015597	0.016498	0.004448	0.000957	0.045495
ENE	0.002928	0.011543	0.024268	0.027477	0.005349	0.001182	0.072748
E	0.004673	0.017005	0.023142	0.030011	0.006081	0.001464	0.082376
ESE	0.003435	0.014077	0.018525	0.019764	0.004617	0.000563	0.060980
SE	0.001858	0.007095	0.014471	0.017905	0.002928	0.000338	0.044595
SSE	0.001464	0.006757	0.016723	0.022523	0.003547	0.000394	0.051408
S	0.001689	0.006644	0.024212	0.037275	0.007601	0.000788	0.078209
SSW	0.002309	0.005743	0.016779	0.028604	0.006419	0.001351	0.061205
SW	0.004167	0.009966	0.014133	0.020439	0.005968	0.002703	0.057376
WSW	0.004223	0.017511	0.013626	0.013851	0.005124	0.003378	0.057714
W	0.002027	0.012556	0.014977	0.015878	0.009347	0.005574	0.060360
WNW	0.002196	0.009065	0.021453	0.036430	0.015935	0.006025	0.091104
NW	0.000788	0.005293	0.019595	0.030405	0.009009	0.003153	0.068243
NNW	0.000563	0.005743	0.014471	0.019200	0.004955	0.000450	0.045383
Total	0.034966	0.147804	0.279617	0.358615	0.095439	0.028716	

Frequency of Calm Winds : 5.48%

Average Wind Speed : 11.13 Knots