

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: May 1 - May 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	22	126	252	204	24	4	632
NNE	19	144	247	181	21	3	615
NE	34	189	323	276	33	4	859
ENE	62	345	590	411	78	8	1494
E	111	504	503	340	52	8	1518
ESE	139	366	362	211	25	5	1108
SE	61	208	344	285	24	5	927
SSE	39	174	358	336	46	8	961
S	49	264	540	626	105	10	1594
SSW	47	182	470	593	126	16	1434
SW	72	242	366	413	105	23	1221
WSW	88	338	320	311	96	12	1165
W	58	225	257	296	84	32	952
WNW	26	148	315	407	146	37	1079
NW	22	94	224	320	62	3	725
NNW	17	116	196	176	34	1	540
Total	866	3665	5667	5386	1061	179	

Frequency of Calm Winds : 1528

Average Wind Speed : 9.74 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: May 1 - May 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	0.001199	0.006866	0.013731	0.011116	0.001308	0.000218	0.034438
NNE	0.001035	0.007847	0.013459	0.009863	0.001144	0.000163	0.033511
NE	0.001853	0.010299	0.017600	0.015039	0.001798	0.000218	0.046807
ENE	0.003378	0.018799	0.032149	0.022395	0.004250	0.000436	0.081408
E	0.006048	0.027463	0.027408	0.018527	0.002833	0.000436	0.082716
ESE	0.007574	0.019943	0.019725	0.011497	0.001362	0.000272	0.060375
SE	0.003324	0.011334	0.018745	0.015530	0.001308	0.000272	0.050512
SSE	0.002125	0.009481	0.019507	0.018309	0.002507	0.000436	0.052365
S	0.002670	0.014385	0.029425	0.034111	0.005721	0.000545	0.086857
SSW	0.002561	0.009917	0.025610	0.032313	0.006866	0.000872	0.078139
SW	0.003923	0.013187	0.019943	0.022504	0.005721	0.001253	0.066532
WSW	0.004795	0.018418	0.017437	0.016946	0.005231	0.000654	0.063481
W	0.003160	0.012260	0.014004	0.016129	0.004577	0.001744	0.051874
WNW	0.001417	0.008065	0.017164	0.022177	0.007956	0.002016	0.058795
NW	0.001199	0.005122	0.012206	0.017437	0.003378	0.000163	0.039505
NNW	0.000926	0.006321	0.010680	0.009590	0.001853	0.000054	0.029425
Total	0.047188	0.199706	0.308795	0.293483	0.057814	0.009754	

Frequency of Calm Winds : 8.33%

Average Wind Speed : 9.74 Knots