

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 - Jan 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	17	142	277	206	17	1	660
NNE	15	113	178	98	11	3	418
NE	19	106	172	81	22	4	404
ENE	50	236	314	166	15	10	791
E	67	235	254	166	26	2	750
ESE	84	207	227	139	23	0	680
SE	53	146	226	143	11	0	579
SSE	34	135	214	219	25	0	627
S	50	145	342	474	82	5	1098
SSW	54	190	322	420	62	5	1053
SW	85	284	487	417	32	12	1317
WSW	83	498	754	504	60	40	1939
W	57	411	709	691	268	132	2268
WNW	27	241	723	1212	476	199	2878
NW	17	124	382	533	155	58	1269
NNW	19	114	237	264	25	3	662
Total	731	3327	5818	5733	1310	474	

Frequency of Calm Winds : 959

Average Wind Speed : 10.37 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: Jan 1 - Jan 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	0.000926	0.007738	0.015094	0.011225	0.000926	0.000054	0.035963
NNE	0.000817	0.006157	0.009699	0.005340	0.000599	0.000163	0.022777
NE	0.001035	0.005776	0.009372	0.004414	0.001199	0.000218	0.022014
ENE	0.002724	0.012860	0.017110	0.009045	0.000817	0.000545	0.043102
E	0.003651	0.012805	0.013840	0.009045	0.001417	0.000109	0.040867
ESE	0.004577	0.011279	0.012369	0.007574	0.001253	0.000000	0.037053
SE	0.002888	0.007956	0.012315	0.007792	0.000599	0.000000	0.031550
SSE	0.001853	0.007356	0.011661	0.011933	0.001362	0.000000	0.034165
S	0.002724	0.007901	0.018636	0.025828	0.004468	0.000272	0.059830
SSW	0.002942	0.010353	0.017546	0.022886	0.003378	0.000272	0.057378
SW	0.004632	0.015475	0.026537	0.022722	0.001744	0.000654	0.071763
WSW	0.004523	0.027136	0.041085	0.027463	0.003269	0.002180	0.105656
W	0.003106	0.022395	0.038633	0.037653	0.014603	0.007193	0.123583
WNW	0.001471	0.013132	0.039396	0.066042	0.025937	0.010844	0.156822
NW	0.000926	0.006757	0.020815	0.029043	0.008446	0.003160	0.069148
NNW	0.001035	0.006212	0.012914	0.014385	0.001362	0.000163	0.036072
Total	0.039832	0.181288	0.317023	0.312391	0.071382	0.025828	

Frequency of Calm Winds : 5.23%

Average Wind Speed : 10.37 Knots