

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: Nov 1 - Nov 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	36	146	282	202	19	0	685
NNE	25	88	191	144	12	1	461
NE	30	131	235	146	5	1	548
ENE	66	278	337	211	44	4	940
E	118	383	276	140	14	4	935
ESE	88	313	223	138	24	3	789
SE	57	209	299	186	27	0	778
SSE	39	210	363	347	45	6	1010
S	56	242	546	529	89	9	1471
SSW	56	195	432	547	76	8	1314
SW	85	284	372	347	62	11	1161
WSW	72	418	379	338	126	50	1383
W	45	322	333	495	177	75	1447
WNW	36	176	468	883	263	86	1912
NW	20	129	334	600	121	19	1223
NNW	26	94	226	251	38	3	638
Total	855	3618	5296	5504	1142	280	

Frequency of Calm Winds : 1065

Average Wind Speed : 9.97 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: Nov 1 - Nov 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	0.002027	0.008221	0.015878	0.011374	0.001070	0.000000	0.038570
NNE	0.001408	0.004955	0.010755	0.008108	0.000676	0.000056	0.025957
NE	0.001689	0.007376	0.013232	0.008221	0.000282	0.000056	0.030856
ENE	0.003716	0.015653	0.018975	0.011881	0.002477	0.000225	0.052928
E	0.006644	0.021565	0.015541	0.007883	0.000788	0.000225	0.052646
ESE	0.004955	0.017624	0.012556	0.007770	0.001351	0.000169	0.044426
SE	0.003209	0.011768	0.016836	0.010473	0.001520	0.000000	0.043806
SSE	0.002196	0.011824	0.020439	0.019538	0.002534	0.000338	0.056869
S	0.003153	0.013626	0.030743	0.029786	0.005011	0.000507	0.082827
SSW	0.003153	0.010980	0.024324	0.030800	0.004279	0.000450	0.073986
SW	0.004786	0.015991	0.020946	0.019538	0.003491	0.000619	0.065372
WSW	0.004054	0.023536	0.021340	0.019032	0.007095	0.002815	0.077872
W	0.002534	0.018131	0.018750	0.027872	0.009966	0.004223	0.081475
WNW	0.002027	0.009910	0.026351	0.049718	0.014809	0.004842	0.107658
NW	0.001126	0.007264	0.018806	0.033784	0.006813	0.001070	0.068863
NNW	0.001464	0.005293	0.012725	0.014133	0.002140	0.000169	0.035923
Total	0.048142	0.203716	0.298198	0.309910	0.064302	0.015766	

Frequency of Calm Winds : 6.00%

Average Wind Speed : 9.97 Knots