

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: Oct 1 - Oct 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	37	161	318	182	8	0	706
NNE	25	124	204	106	6	0	465
NE	37	146	174	122	3	1	483
ENE	88	331	274	156	3	1	853
E	135	472	298	127	3	0	1035
ESE	146	338	262	121	3	0	870
SE	72	204	290	188	20	1	775
SSE	49	218	422	309	36	7	1041
S	58	245	714	722	75	3	1817
SSW	59	209	490	627	67	8	1460
SW	106	329	404	397	46	13	1295
WSW	121	558	413	287	50	16	1445
W	68	374	349	335	86	20	1232
WNW	39	219	432	593	164	61	1508
NW	32	140	345	427	100	11	1055
NNW	19	108	267	244	21	3	662
Total	1091	4176	5656	4943	691	145	

Frequency of Calm Winds : 1650

Average Wind Speed : 9.16 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: Oct 1 - Oct 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	0.002016	0.008773	0.017328	0.009917	0.000436	0.000000	0.038470
NNE	0.001362	0.006757	0.011116	0.005776	0.000327	0.000000	0.025338
NE	0.002016	0.007956	0.009481	0.006648	0.000163	0.000054	0.026319
ENE	0.004795	0.018036	0.014930	0.008500	0.000163	0.000054	0.046480
E	0.007356	0.025719	0.016238	0.006920	0.000163	0.000000	0.056397
ESE	0.007956	0.018418	0.014276	0.006593	0.000163	0.000000	0.047406
SE	0.003923	0.011116	0.015802	0.010244	0.001090	0.000054	0.042230
SSE	0.002670	0.011879	0.022995	0.016837	0.001962	0.000381	0.056724
S	0.003160	0.013350	0.038906	0.039342	0.004087	0.000163	0.099008
SSW	0.003215	0.011388	0.026700	0.034165	0.003651	0.000436	0.079555
SW	0.005776	0.017927	0.022014	0.021633	0.002507	0.000708	0.070565
WSW	0.006593	0.030405	0.022504	0.015639	0.002724	0.000872	0.078738
W	0.003705	0.020379	0.019017	0.018254	0.004686	0.001090	0.067132
WNW	0.002125	0.011933	0.023540	0.032313	0.008936	0.003324	0.082171
NW	0.001744	0.007629	0.018799	0.023267	0.005449	0.000599	0.057487
NNW	0.001035	0.005885	0.014549	0.013296	0.001144	0.000163	0.036072
Total	0.059449	0.227550	0.308195	0.269344	0.037653	0.007901	

Frequency of Calm Winds : 8.99%

Average Wind Speed : 9.16 Knots