

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: Dec 1 - Dec 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	151	276	156	21	1	<b>627</b>
NNE	15	100	150	109	7	2	<b>383</b>
NE	25	107	179	149	12	4	<b>476</b>
ENE	49	283	324	209	36	9	<b>910</b>
E	93	317	300	139	26	4	<b>879</b>
ESE	83	265	290	179	18	4	<b>839</b>
SE	61	201	256	189	13	0	<b>720</b>
SSE	36	169	234	211	18	1	<b>669</b>
S	44	247	422	441	81	7	<b>1242</b>
SSW	53	221	397	465	86	5	<b>1227</b>
SW	67	322	469	377	57	14	<b>1306</b>
WSW	98	470	598	351	54	30	<b>1601</b>
W	48	368	550	638	195	54	<b>1853</b>
WNW	31	256	657	1168	374	113	<b>2599</b>
NW	22	135	427	653	160	29	<b>1426</b>
NNW	15	129	269	258	63	7	<b>741</b>
Total	762	3741	5798	5692	1221	284	

Frequency of Calm Winds : 850

Average Wind Speed : 10.01 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: Dec 1 - Dec 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	0.008230	0.015043	0.008502	0.001145	0.000055	0.034173
NNE	0.000818	0.005450	0.008175	0.005941	0.000382	0.000109	0.020874
NE	0.001363	0.005832	0.009756	0.008121	0.000654	0.000218	0.025943
ENE	0.002671	0.015424	0.017659	0.011391	0.001962	0.000491	0.049597
E	0.005069	0.017277	0.016351	0.007576	0.001417	0.000218	0.047907
ESE	0.004524	0.014443	0.015806	0.009756	0.000981	0.000218	0.045727
SE	0.003325	0.010955	0.013952	0.010301	0.000709	0.000000	0.039241
SSE	0.001962	0.009211	0.012753	0.011500	0.000981	0.000055	0.036462
S	0.002398	0.013462	0.023000	0.024035	0.004415	0.000382	0.067691
SSW	0.002889	0.012045	0.021637	0.025343	0.004687	0.000273	0.066874
SW	0.003652	0.017550	0.025561	0.020547	0.003107	0.000763	0.071179
WSW	0.005341	0.025616	0.032592	0.019130	0.002943	0.001635	0.087257
W	0.002616	0.020057	0.029976	0.034772	0.010628	0.002943	0.100992
WNW	0.001690	0.013952	0.035808	0.063658	0.020384	0.006159	0.141650
NW	0.001199	0.007358	0.023272	0.035590	0.008720	0.001581	0.077720
NNW	0.000818	0.007031	0.014661	0.014061	0.003434	0.000382	0.040386
Total	0.041530	0.203891	0.316002	0.310225	0.066547	0.015479	

Frequency of Calm Winds : 4.63%

Average Wind Speed : 10.01 Knots