

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: Aug 1 - Aug 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	33	193	285	105	0	0	<b>616</b>
NNE	39	153	203	77	1	1	<b>474</b>
NE	46	183	247	76	2	0	<b>554</b>
ENE	95	383	438	129	2	0	<b>1047</b>
E	228	628	377	89	2	0	<b>1324</b>
ESE	254	622	262	59	5	0	<b>1202</b>
SE	151	355	329	85	1	0	<b>921</b>
SSE	113	375	498	179	8	0	<b>1173</b>
S	90	459	901	438	12	1	<b>1901</b>
SSW	79	369	636	408	18	1	<b>1511</b>
SW	134	477	454	282	15	1	<b>1363</b>
WSW	152	630	355	171	12	2	<b>1322</b>
W	88	342	256	133	8	1	<b>828</b>
WNW	43	225	312	177	17	1	<b>775</b>
NW	32	168	239	184	9	3	<b>635</b>
NNW	21	159	243	113	4	4	<b>544</b>
Total	1598	5721	6035	2705	116	15	

Frequency of Calm Winds : 2161

Average Wind Speed : 7.43 Knots

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: Aug 1 - Aug 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	0.001798	0.010517	0.015530	0.005722	0.000000	0.000000	0.033568
NNE	0.002125	0.008337	0.011062	0.004196	0.000054	0.000054	0.025830
NE	0.002507	0.009972	0.013460	0.004141	0.000109	0.000000	0.030189
ENE	0.005177	0.020871	0.023868	0.007030	0.000109	0.000000	0.057054
E	0.012424	0.034222	0.020544	0.004850	0.000109	0.000000	0.072149
ESE	0.013841	0.033895	0.014277	0.003215	0.000272	0.000000	0.065501
SE	0.008228	0.019345	0.017928	0.004632	0.000054	0.000000	0.050188
SSE	0.006158	0.020435	0.027137	0.009754	0.000436	0.000000	0.063920
S	0.004904	0.025012	0.049098	0.023868	0.000654	0.000054	0.103591
SSW	0.004305	0.020108	0.034658	0.022233	0.000981	0.000054	0.082339
SW	0.007302	0.025993	0.024740	0.015367	0.000817	0.000054	0.074274
WSW	0.008283	0.034331	0.019345	0.009318	0.000654	0.000109	0.072040
W	0.004795	0.018637	0.013950	0.007248	0.000436	0.000054	0.045120
WNW	0.002343	0.012261	0.017002	0.009645	0.000926	0.000054	0.042232
NW	0.001744	0.009155	0.013024	0.010027	0.000490	0.000163	0.034603
NNW	0.001144	0.008664	0.013242	0.006158	0.000218	0.000218	0.029644
Total	0.087080	0.311754	0.328865	0.147403	0.006321	0.000817	

Frequency of Calm Winds : 11.78%

Average Wind Speed : 7.43 Knots