

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: Jul 1 - Jul 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	40	200	262	113	1	2	<b>618</b>
NNE	24	147	211	96	3	1	<b>482</b>
NE	34	192	280	101	7	0	<b>614</b>
ENE	72	331	462	142	4	0	<b>1011</b>
E	197	652	454	95	1	1	<b>1400</b>
ESE	218	594	300	80	1	0	<b>1193</b>
SE	131	344	318	87	2	1	<b>883</b>
SSE	73	360	442	149	5	1	<b>1030</b>
S	113	436	810	413	15	1	<b>1788</b>
SSW	73	338	674	428	22	4	<b>1539</b>
SW	137	433	553	344	18	0	<b>1485</b>
WSW	123	590	472	224	13	2	<b>1424</b>
W	83	350	274	149	13	4	<b>873</b>
WNW	36	227	313	226	15	1	<b>818</b>
NW	35	142	279	177	17	1	<b>651</b>
NNW	27	178	238	148	5	1	<b>597</b>
Total	1416	5514	6342	2972	142	20	

Frequency of Calm Winds : 1946

Average Wind Speed : 7.66 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: Jul 1 - Jul 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	0.002180	0.010898	0.014276	0.006157	0.000054	0.000109	0.033675
NNE	0.001308	0.008010	0.011497	0.005231	0.000163	0.000054	0.026264
NE	0.001853	0.010462	0.015257	0.005503	0.000381	0.000000	0.033457
ENE	0.003923	0.018036	0.025174	0.007738	0.000218	0.000000	0.055089
E	0.010735	0.035527	0.024738	0.005177	0.000054	0.000054	0.076286
ESE	0.011879	0.032367	0.016347	0.004359	0.000054	0.000000	0.065007
SE	0.007138	0.018745	0.017328	0.004741	0.000109	0.000054	0.048115
SSE	0.003978	0.019616	0.024085	0.008119	0.000272	0.000054	0.056125
S	0.006157	0.023758	0.044137	0.022504	0.000817	0.000054	0.097428
SSW	0.003978	0.018418	0.036726	0.023322	0.001199	0.000218	0.083860
SW	0.007465	0.023594	0.030133	0.018745	0.000981	0.000000	0.080918
WSW	0.006702	0.032149	0.025719	0.012206	0.000708	0.000109	0.077594
W	0.004523	0.019071	0.014930	0.008119	0.000708	0.000218	0.047570
WNW	0.001962	0.012369	0.017055	0.012315	0.000817	0.000054	0.044573
NW	0.001907	0.007738	0.015203	0.009645	0.000926	0.000054	0.035473
NNW	0.001471	0.009699	0.012969	0.008065	0.000272	0.000054	0.032531
Total	0.077158	0.300458	0.345575	0.161944	0.007738	0.001090	

Frequency of Calm Winds : 10.60%

Average Wind Speed : 7.66 Knots