

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: Jun 1 - Jun 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	23	144	227	99	6	0	499
NNE	18	132	208	97	11	1	467
NE	22	137	287	178	17	2	643
ENE	48	293	453	273	14	3	1084
E	119	459	395	186	6	0	1165
ESE	138	455	344	110	7	0	1054
SE	79	233	268	129	12	3	724
SSE	59	280	404	250	16	3	1012
S	78	349	737	534	60	2	1760
SSW	80	258	638	586	83	8	1653
SW	106	349	504	436	70	18	1483
WSW	123	502	440	313	37	10	1425
W	47	274	296	267	52	21	957
WNW	39	183	330	414	80	21	1067
NW	25	125	229	253	41	7	680
NNW	16	114	202	129	19	6	486
Total	1020	4287	5962	4254	531	105	

Frequency of Calm Winds : 1601

Average Wind Speed : 8.83 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: Jun 1 - Jun 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	0.001295	0.008108	0.012782	0.005574	0.000338	0.000000	0.028097
NNE	0.001014	0.007432	0.011712	0.005462	0.000619	0.000056	0.026295
NE	0.001239	0.007714	0.016160	0.010023	0.000957	0.000113	0.036205
ENE	0.002703	0.016498	0.025507	0.015372	0.000788	0.000169	0.061036
E	0.006700	0.025845	0.022241	0.010473	0.000338	0.000000	0.065597
ESE	0.007770	0.025619	0.019369	0.006194	0.000394	0.000000	0.059347
SE	0.004448	0.013119	0.015090	0.007264	0.000676	0.000169	0.040766
SSE	0.003322	0.015766	0.022748	0.014077	0.000901	0.000169	0.056982
S	0.004392	0.019651	0.041498	0.030068	0.003378	0.000113	0.099099
SSW	0.004505	0.014527	0.035923	0.032995	0.004673	0.000450	0.093074
SW	0.005968	0.019651	0.028378	0.024550	0.003941	0.001014	0.083502
WSW	0.006926	0.028266	0.024775	0.017624	0.002083	0.000563	0.080236
W	0.002646	0.015428	0.016667	0.015034	0.002928	0.001182	0.053885
WNW	0.002196	0.010304	0.018581	0.023311	0.004505	0.001182	0.060079
NW	0.001408	0.007038	0.012894	0.014245	0.002309	0.000394	0.038288
NNW	0.000901	0.006419	0.011374	0.007264	0.001070	0.000338	0.027365
Total	0.057432	0.241385	0.335698	0.239527	0.029899	0.005912	

Frequency of Calm Winds : 9.01%

Average Wind Speed : 8.83 Knots