

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: Sep 1 - Sep 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	26	193	304	187	3	4	717
NNE	32	145	219	119	6	1	522
NE	31	155	273	120	3	0	582
ENE	87	355	341	112	2	0	897
E	233	608	357	78	4	0	1280
ESE	230	507	277	68	5	0	1087
SE	115	273	290	104	16	1	799
SSE	61	281	462	225	14	0	1043
S	83	361	762	591	62	2	1861
SSW	64	245	562	487	32	2	1392
SW	93	296	364	271	27	2	1053
WSW	99	482	323	159	20	4	1087
W	54	261	250	207	34	16	822
WNW	40	171	337	316	41	2	907
NW	17	174	289	253	33	0	766
NNW	19	149	266	227	27	1	689
Total	1284	4656	5676	3524	329	35	

Frequency of Calm Winds : 2256

Average Wind Speed : 8.20 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: Sep 1 - Sep 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	0.001464	0.010867	0.017117	0.010529	0.000169	0.000225	0.040372
NNE	0.001802	0.008164	0.012331	0.006700	0.000338	0.000056	0.029392
NE	0.001745	0.008727	0.015372	0.006757	0.000169	0.000000	0.032770
ENE	0.004899	0.019989	0.019200	0.006306	0.000113	0.000000	0.050507
E	0.013119	0.034234	0.020101	0.004392	0.000225	0.000000	0.072072
ESE	0.012950	0.028547	0.015597	0.003829	0.000282	0.000000	0.061205
SE	0.006475	0.015372	0.016329	0.005856	0.000901	0.000056	0.044989
SSE	0.003435	0.015822	0.026014	0.012669	0.000788	0.000000	0.058727
S	0.004673	0.020327	0.042905	0.033277	0.003491	0.000113	0.104786
SSW	0.003604	0.013795	0.031644	0.027421	0.001802	0.000113	0.078378
SW	0.005236	0.016667	0.020495	0.015259	0.001520	0.000113	0.059291
WSW	0.005574	0.027140	0.018187	0.008953	0.001126	0.000225	0.061205
W	0.003041	0.014696	0.014077	0.011655	0.001914	0.000901	0.046284
WNW	0.002252	0.009628	0.018975	0.017793	0.002309	0.000113	0.051070
NW	0.000957	0.009797	0.016273	0.014245	0.001858	0.000000	0.043131
NNW	0.001070	0.008390	0.014977	0.012782	0.001520	0.000056	0.038795
Total	0.072297	0.262162	0.319595	0.198423	0.018525	0.001971	

Frequency of Calm Winds : 12.70%

Average Wind Speed : 8.20 Knots