

Station ID: 94846

RUN ID: CHICAGO/O'HARE INT'L 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	81	328	281	104	8	2	804
NNE	48	492	588	388	50	5	1571
NE	38	345	746	320	24	2	1475
ENE	12	179	429	117	1	0	738
E	13	178	324	81	0	0	596
ESE	27	237	264	41	0	0	569
SE	53	337	210	31	0	0	631
SSE	72	377	330	81	4	0	864
S	102	640	697	271	21	0	1731
SSW	88	531	709	348	40	0	1716
SW	99	760	868	406	31	1	2165
WSW	138	638	531	238	27	0	1572
W	100	568	370	145	13	2	1198
WNW	98	465	257	95	6	0	921
NW	86	328	280	57	0	3	754
NNW	54	208	195	60	1	0	518
Total	1109	6611	7079	2783	226	15	

Frequency of Calm Winds : 1026

Average Wind Speed : 7.63 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	0.004297	0.017401	0.014908	0.005518	0.000424	0.000106	0.042655
NNE	0.002547	0.026102	0.031195	0.020585	0.002653	0.000265	0.083347
NE	0.002016	0.018303	0.039578	0.016977	0.001273	0.000106	0.078253
ENE	0.000637	0.009497	0.022760	0.006207	0.000053	0.000000	0.039153
E	0.000690	0.009443	0.017189	0.004297	0.000000	0.000000	0.031620
ESE	0.001432	0.012574	0.014006	0.002175	0.000000	0.000000	0.030187
SE	0.002812	0.017879	0.011141	0.001645	0.000000	0.000000	0.033477
SSE	0.003820	0.020001	0.017508	0.004297	0.000212	0.000000	0.045838
S	0.005411	0.033954	0.036978	0.014377	0.001114	0.000000	0.091835
SSW	0.004669	0.028171	0.037615	0.018463	0.002122	0.000000	0.091039
SW	0.005252	0.040320	0.046050	0.021540	0.001645	0.000053	0.114860
WSW	0.007321	0.033848	0.028171	0.012627	0.001432	0.000000	0.083400
W	0.005305	0.030134	0.019630	0.007693	0.000690	0.000106	0.063558
WNW	0.005199	0.024670	0.013635	0.005040	0.000318	0.000000	0.048862
NW	0.004563	0.017401	0.014855	0.003024	0.000000	0.000159	0.040002
NNW	0.002865	0.011035	0.010345	0.003183	0.000053	0.000000	0.027482
Total	0.058836	0.350735	0.375564	0.147647	0.011990	0.000796	

Frequency of Calm Winds : 5.44%

Average Wind Speed : 7.63 Knots