

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: 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	49	319	299	128	5	1	801
NNE	45	402	537	315	24	2	1325
NE	23	271	599	269	14	1	1177
ENE	17	165	382	99	0	0	663
E	11	133	258	43	0	0	445
ESE	20	215	284	33	0	0	552
SE	45	349	245	24	0	0	663
SSE	77	546	331	76	5	0	1035
S	111	734	833	285	9	2	1974
SSW	113	692	768	397	21	1	1992
SW	134	809	814	364	16	1	2138
WSW	120	644	502	198	8	3	1475
W	126	599	322	128	2	0	1177
WNW	111	562	282	106	9	0	1070
NW	100	377	278	80	5	0	840
NNW	44	195	259	84	9	1	592
Total	1146	7012	6993	2629	127	12	

Frequency of Calm Winds : 928

Average Wind Speed : 7.43 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: 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	0.002600	0.016926	0.015865	0.006792	0.000265	0.000053	0.042500
NNE	0.002388	0.021330	0.028493	0.016714	0.001273	0.000106	0.070303
NE	0.001220	0.014379	0.031782	0.014273	0.000743	0.000053	0.062450
ENE	0.000902	0.008755	0.020268	0.005253	0.000000	0.000000	0.035178
E	0.000584	0.007057	0.013689	0.002282	0.000000	0.000000	0.023611
ESE	0.001061	0.011408	0.015069	0.001751	0.000000	0.000000	0.029288
SE	0.002388	0.018518	0.012999	0.001273	0.000000	0.000000	0.035178
SSE	0.004086	0.028970	0.017562	0.004032	0.000265	0.000000	0.054916
S	0.005890	0.038945	0.044198	0.015122	0.000478	0.000106	0.104738
SSW	0.005996	0.036717	0.040749	0.021064	0.001114	0.000053	0.105693
SW	0.007110	0.042925	0.043190	0.019313	0.000849	0.000053	0.113440
WSW	0.006367	0.034170	0.026636	0.010506	0.000424	0.000159	0.078262
W	0.006685	0.031782	0.017085	0.006792	0.000106	0.000000	0.062450
WNW	0.005890	0.029819	0.014963	0.005624	0.000478	0.000000	0.056773
NW	0.005306	0.020003	0.014750	0.004245	0.000265	0.000000	0.044569
NNW	0.002335	0.010346	0.013742	0.004457	0.000478	0.000053	0.031411
Total	0.060805	0.372049	0.371040	0.139492	0.006738	0.000637	

Frequency of Calm Winds : 4.92%

Average Wind Speed : 7.43 Knots