

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: Jan 1 - Jan 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	15	156	343	225	54	14	807
NNE	18	98	143	115	43	9	426
NE	9	74	160	132	60	14	449
ENE	2	28	122	96	32	29	309
E	5	24	114	121	17	1	282
ESE	5	93	166	132	16	1	413
SE	23	157	248	133	9	0	570
SSE	19	198	332	177	21	0	747
S	33	326	609	490	113	15	1586
SSW	40	285	620	701	171	27	1844
SW	62	389	692	673	125	24	1965
WSW	71	542	907	769	199	76	2564
W	94	542	966	920	220	86	2828
WNW	61	428	722	574	128	27	1940
NW	33	356	599	461	112	12	1573
NNW	18	154	450	426	128	25	1201
Total	508	3850	7193	6145	1448	360	

Frequency of Calm Winds : 336

Average Wind Speed : 10.23 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: Jan 1 - Jan 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	0.000756	0.007863	0.017288	0.011341	0.002722	0.000706	0.040675
NNE	0.000907	0.004940	0.007208	0.005796	0.002167	0.000454	0.021472
NE	0.000454	0.003730	0.008065	0.006653	0.003024	0.000706	0.022631
ENE	0.000101	0.001411	0.006149	0.004839	0.001613	0.001462	0.015575
E	0.000252	0.001210	0.005746	0.006099	0.000857	0.000050	0.014214
ESE	0.000252	0.004688	0.008367	0.006653	0.000806	0.000050	0.020817
SE	0.001159	0.007913	0.012500	0.006704	0.000454	0.000000	0.028730
SSE	0.000958	0.009980	0.016734	0.008921	0.001058	0.000000	0.037651
S	0.001663	0.016431	0.030696	0.024698	0.005696	0.000756	0.079940
SSW	0.002016	0.014365	0.031250	0.035333	0.008619	0.001361	0.092944
SW	0.003125	0.019607	0.034879	0.033921	0.006300	0.001210	0.099042
WSW	0.003579	0.027319	0.045716	0.038760	0.010030	0.003831	0.129234
W	0.004738	0.027319	0.048690	0.046371	0.011089	0.004335	0.142540
WNW	0.003075	0.021573	0.036391	0.028931	0.006452	0.001361	0.097782
NW	0.001663	0.017944	0.030192	0.023236	0.005645	0.000605	0.079284
NNW	0.000907	0.007762	0.022681	0.021472	0.006452	0.001260	0.060534
Total	0.025605	0.194052	0.362550	0.309728	0.072984	0.018145	

Frequency of Calm Winds : 1.69%

Average Wind Speed : 10.23 Knots