

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 - Dec 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	430	2884	3932	2653	614	157	10670
NNE	365	3392	4626	4042	1017	321	13763
NE	211	2676	5925	4180	743	161	13896
ENE	109	1321	3835	2353	278	66	7962
E	115	1174	3047	1880	241	24	6481
ESE	223	2237	3291	1425	155	14	7345
SE	410	3132	3048	1112	100	6	7808
SSE	536	4157	4274	2089	220	22	11298
S	817	5934	8121	5583	1071	200	21726
SSW	720	4908	7497	6650	1339	267	21381
SW	834	5622	7702	6110	1161	272	21701
WSW	914	5647	6590	4651	1038	359	19199
W	991	5888	6245	4782	1095	307	19308
WNW	832	4951	5477	4066	687	122	16135
NW	670	3731	4972	3447	505	61	13386
NNW	309	1947	3771	3313	687	130	10157
Total	8486	59601	82353	58336	10951	2489	

Frequency of Calm Winds : 7104

Average Wind Speed : 9.25 Knots

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 - Dec 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	0.001875	0.012576	0.017146	0.011569	0.002677	0.000685	0.046529
NNE	0.001592	0.014792	0.020173	0.017626	0.004435	0.001400	0.060017
NE	0.000920	0.011669	0.025837	0.018228	0.003240	0.000702	0.060597
ENE	0.000475	0.005761	0.016723	0.010261	0.001212	0.000288	0.034720
E	0.000501	0.005119	0.013287	0.008198	0.001051	0.000105	0.028262
ESE	0.000972	0.009755	0.014351	0.006214	0.000676	0.000061	0.032029
SE	0.001788	0.013658	0.013291	0.004849	0.000436	0.000026	0.034048
SSE	0.002337	0.018128	0.018638	0.009110	0.000959	0.000096	0.049267
S	0.003563	0.025877	0.035413	0.024346	0.004670	0.000872	0.094741
SSW	0.003140	0.021402	0.032692	0.028999	0.005839	0.001164	0.093237
SW	0.003637	0.024516	0.033586	0.026644	0.005063	0.001186	0.094632
WSW	0.003986	0.024625	0.028737	0.020282	0.004526	0.001565	0.083721
W	0.004321	0.025676	0.027233	0.020853	0.004775	0.001339	0.084197
WNW	0.003628	0.021590	0.023884	0.017731	0.002996	0.000532	0.070360
NW	0.002922	0.016270	0.021681	0.015031	0.002202	0.000266	0.058373
NNW	0.001347	0.008490	0.016444	0.014447	0.002996	0.000567	0.044292
Total	0.037005	0.259903	0.359118	0.254387	0.047754	0.010854	

Frequency of Calm Winds : 3.10%

Average Wind Speed : 9.25 Knots