

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: Apr 1 - Apr 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	25	187	351	339	111	30	1043
NNE	28	284	483	590	240	75	1700
NE	16	240	646	597	128	27	1654
ENE	14	120	431	302	40	11	918
E	14	131	383	308	42	6	884
ESE	23	223	384	216	30	4	880
SE	29	204	284	159	22	1	699
SSE	30	238	331	268	48	8	923
S	39	307	562	593	168	34	1703
SSW	28	224	376	521	147	36	1332
SW	40	197	372	514	170	61	1354
WSW	34	247	331	355	142	78	1187
W	40	338	355	384	143	44	1304
WNW	49	243	331	334	79	20	1056
NW	29	192	315	321	48	5	910
NNW	11	104	256	269	67	21	728
Total	449	3479	6191	6070	1625	461	

Frequency of Calm Winds : 446

Average Wind Speed : 10.62 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: Apr 1 - Apr 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	0.001335	0.009989	0.018749	0.018108	0.005929	0.001602	0.055713
NNE	0.001496	0.015170	0.025800	0.031515	0.012820	0.004006	0.090807
NE	0.000855	0.012820	0.034507	0.031889	0.006837	0.001442	0.088350
ENE	0.000748	0.006410	0.023022	0.016132	0.002137	0.000588	0.049036
E	0.000748	0.006997	0.020458	0.016452	0.002243	0.000320	0.047220
ESE	0.001229	0.011912	0.020512	0.011538	0.001602	0.000214	0.047006
SE	0.001549	0.010897	0.015170	0.008493	0.001175	0.000053	0.037338
SSE	0.001602	0.012713	0.017681	0.014315	0.002564	0.000427	0.049303
S	0.002083	0.016399	0.030020	0.031676	0.008974	0.001816	0.090967
SSW	0.001496	0.011965	0.020084	0.027830	0.007852	0.001923	0.071150
SW	0.002137	0.010523	0.019871	0.027456	0.009081	0.003258	0.072325
WSW	0.001816	0.013194	0.017681	0.018963	0.007585	0.004166	0.063405
W	0.002137	0.018055	0.018963	0.020512	0.007638	0.002350	0.069654
WNW	0.002617	0.012980	0.017681	0.017841	0.004220	0.001068	0.056407
NW	0.001549	0.010256	0.016826	0.017147	0.002564	0.000267	0.048609
NNW	0.000588	0.005555	0.013674	0.014369	0.003579	0.001122	0.038887
Total	0.023984	0.185834	0.330698	0.324235	0.086801	0.024625	

Frequency of Calm Winds : 2.38%

Average Wind Speed : 10.62 Knots