

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: Dec 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	14	187	301	214	39	13	768
NNE	14	124	150	126	37	15	466
NE	7	98	196	131	31	15	478
ENE	2	40	120	176	24	7	369
E	7	39	104	147	29	0	326
ESE	6	132	216	145	26	0	525
SE	21	207	262	131	12	0	633
SSE	31	320	391	180	9	3	934
S	50	420	729	509	100	25	1833
SSW	53	359	674	683	146	27	1942
SW	39	435	745	666	138	29	2052
WSW	62	471	734	546	123	33	1969
W	80	567	863	648	170	48	2376
WNW	68	488	818	607	110	28	2119
NW	34	356	640	445	57	8	1540
NNW	22	148	432	442	80	17	1141
Total	510	4391	7375	5796	1131	268	

Frequency of Calm Winds : 359

Average Wind Speed : 9.77 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

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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	0.000706	0.009430	0.015179	0.010792	0.001967	0.000656	0.038729
NNE	0.000706	0.006253	0.007564	0.006354	0.001866	0.000756	0.023500
NE	0.000353	0.004942	0.009884	0.006606	0.001563	0.000756	0.024105
ENE	0.000101	0.002017	0.006051	0.008875	0.001210	0.000353	0.018608
E	0.000353	0.001967	0.005245	0.007413	0.001462	0.000000	0.016440
ESE	0.000303	0.006657	0.010893	0.007312	0.001311	0.000000	0.026475
SE	0.001059	0.010439	0.013212	0.006606	0.000605	0.000000	0.031921
SSE	0.001563	0.016137	0.019718	0.009077	0.000454	0.000151	0.047100
S	0.002521	0.021180	0.036762	0.025668	0.005043	0.001261	0.092436
SSW	0.002673	0.018104	0.033989	0.034443	0.007363	0.001362	0.097932
SW	0.001967	0.021936	0.037569	0.033585	0.006959	0.001462	0.103480
WSW	0.003127	0.023752	0.037015	0.027534	0.006203	0.001664	0.099294
W	0.004034	0.028593	0.043520	0.032678	0.008573	0.002421	0.119818
WNW	0.003429	0.024609	0.041251	0.030610	0.005547	0.001412	0.106858
NW	0.001715	0.017953	0.032274	0.022441	0.002874	0.000403	0.077660
NNW	0.001109	0.007463	0.021785	0.022289	0.004034	0.000857	0.057539
Total	0.025719	0.221432	0.371911	0.292284	0.057035	0.013515	

Frequency of Calm Winds : 1.81%

Average Wind Speed : 9.77 Knots