

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: Sep 1 - Sep 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	37	270	383	203	20	5	918
NNE	37	317	400	312	53	7	1126
NE	14	218	466	277	19	2	996
ENE	8	101	297	130	4	0	540
E	9	102	260	91	1	0	463
ESE	23	222	289	69	1	0	604
SE	43	335	246	63	2	1	690
SSE	65	558	414	117	7	0	1161
S	99	772	991	405	31	4	2302
SSW	80	557	784	448	42	6	1917
SW	103	551	695	429	34	2	1814
WSW	96	494	409	236	31	5	1271
W	124	502	380	182	25	7	1220
WNW	101	452	308	170	9	0	1040
NW	76	369	367	179	12	2	1005
NNW	24	196	357	220	15	3	815
Total	939	6016	7046	3531	306	44	

Frequency of Calm Winds : 838

Average Wind Speed : 8.09 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: Sep 1 - Sep 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	0.001976	0.014423	0.020459	0.010844	0.001068	0.000267	0.049038
NNE	0.001976	0.016934	0.021368	0.016667	0.002831	0.000374	0.060150
NE	0.000748	0.011645	0.024893	0.014797	0.001015	0.000107	0.053205
ENE	0.000427	0.005395	0.015865	0.006944	0.000214	0.000000	0.028846
E	0.000481	0.005449	0.013889	0.004861	0.000053	0.000000	0.024733
ESE	0.001229	0.011859	0.015438	0.003686	0.000053	0.000000	0.032265
SE	0.002297	0.017895	0.013141	0.003365	0.000107	0.000053	0.036859
SSE	0.003472	0.029808	0.022115	0.006250	0.000374	0.000000	0.062019
S	0.005288	0.041239	0.052938	0.021635	0.001656	0.000214	0.122970
SSW	0.004274	0.029754	0.041880	0.023932	0.002244	0.000321	0.102404
SW	0.005502	0.029434	0.037126	0.022917	0.001816	0.000107	0.096902
WSW	0.005128	0.026389	0.021848	0.012607	0.001656	0.000267	0.067895
W	0.006624	0.026816	0.020299	0.009722	0.001335	0.000374	0.065171
WNW	0.005395	0.024145	0.016453	0.009081	0.000481	0.000000	0.055556
NW	0.004060	0.019712	0.019605	0.009562	0.000641	0.000107	0.053686
NNW	0.001282	0.010470	0.019071	0.011752	0.000801	0.000160	0.043536
Total	0.050160	0.321368	0.376389	0.188622	0.016346	0.002350	

Frequency of Calm Winds : 4.48%

Average Wind Speed : 8.09 Knots