

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: Oct 1 - Oct 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	28	188	300	218	32	1	<b>767</b>
NNE	17	155	249	245	69	2	<b>737</b>
NE	23	191	326	218	42	3	<b>803</b>
ENE	7	84	256	118	6	1	<b>472</b>
E	11	79	196	107	15	1	<b>409</b>
ESE	26	175	228	63	4	0	<b>496</b>
SE	36	307	262	55	9	0	<b>669</b>
SSE	59	464	509	210	16	3	<b>1261</b>
S	111	671	900	680	113	17	<b>2492</b>
SSW	80	476	707	732	130	19	<b>2144</b>
SW	82	467	553	556	102	8	<b>1768</b>
WSW	101	508	515	356	50	10	<b>1540</b>
W	102	536	481	328	66	3	<b>1516</b>
WNW	78	478	488	335	48	10	<b>1437</b>
NW	54	359	472	336	41	2	<b>1264</b>
NNW	21	152	342	324	43	0	<b>882</b>
Total	836	5290	6784	4881	786	80	

Frequency of Calm Winds : 685

Average Wind Speed : 8.98 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: Oct 1 - Oct 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	0.001448	0.009720	0.015510	0.011271	0.001654	0.000052	0.039655
NNE	0.000879	0.008014	0.012874	0.012667	0.003567	0.000103	0.038104
NE	0.001189	0.009875	0.016855	0.011271	0.002171	0.000155	0.041516
ENE	0.000362	0.004343	0.013235	0.006101	0.000310	0.000052	0.024403
E	0.000569	0.004084	0.010133	0.005532	0.000776	0.000052	0.021146
ESE	0.001344	0.009048	0.011788	0.003257	0.000207	0.000000	0.025644
SE	0.001861	0.015872	0.013546	0.002844	0.000465	0.000000	0.034588
SSE	0.003050	0.023989	0.026316	0.010857	0.000827	0.000155	0.065195
S	0.005739	0.034691	0.046531	0.035157	0.005842	0.000879	0.128839
SSW	0.004136	0.024610	0.036553	0.037845	0.006721	0.000982	0.110847
SW	0.004239	0.024144	0.028591	0.028746	0.005273	0.000414	0.091407
WSW	0.005222	0.026264	0.026626	0.018406	0.002585	0.000517	0.079619
W	0.005273	0.027712	0.024868	0.016958	0.003412	0.000155	0.078379
WNW	0.004033	0.024713	0.025230	0.017320	0.002482	0.000517	0.074294
NW	0.002792	0.018561	0.024403	0.017372	0.002120	0.000103	0.065350
NNW	0.001086	0.007859	0.017682	0.016751	0.002223	0.000000	0.045600
Total	0.043222	0.273498	0.350739	0.252352	0.040637	0.004136	

Frequency of Calm Winds : 3.54%

Average Wind Speed : 8.98 Knots