

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: Feb 1 - Feb 29

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	26	212	376	329	89	40	<b>1072</b>
NNE	25	188	251	253	92	60	<b>869</b>
NE	11	174	358	406	99	34	<b>1082</b>
ENE	8	69	293	330	81	7	<b>788</b>
E	7	56	247	173	40	5	<b>528</b>
ESE	15	132	209	116	12	0	<b>484</b>
SE	24	152	158	72	6	1	<b>413</b>
SSE	23	187	221	151	19	1	<b>602</b>
S	30	331	412	383	78	8	<b>1242</b>
SSW	30	312	444	560	127	23	<b>1496</b>
SW	40	323	485	450	92	28	<b>1418</b>
WSW	49	405	569	437	88	45	<b>1593</b>
W	67	557	632	528	103	25	<b>1912</b>
WNW	56	409	614	469	82	6	<b>1636</b>
NW	44	273	517	431	81	17	<b>1363</b>
NNW	16	169	427	447	117	39	<b>1215</b>
Total	471	3949	6213	5535	1206	339	

Frequency of Calm Winds : 359

Average Wind Speed : 10.05 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: Feb 1 - Feb 29

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	0.001439	0.011731	0.020806	0.018205	0.004925	0.002213	0.059318
NNE	0.001383	0.010403	0.013889	0.014000	0.005091	0.003320	0.048085
NE	0.000609	0.009628	0.019810	0.022466	0.005478	0.001881	0.059872
ENE	0.000443	0.003818	0.016213	0.018260	0.004482	0.000387	0.043603
E	0.000387	0.003099	0.013668	0.009573	0.002213	0.000277	0.029216
ESE	0.000830	0.007304	0.011565	0.006419	0.000664	0.000000	0.026782
SE	0.001328	0.008411	0.008743	0.003984	0.000332	0.000055	0.022853
SSE	0.001273	0.010347	0.012229	0.008355	0.001051	0.000055	0.033311
S	0.001660	0.018316	0.022798	0.021193	0.004316	0.000443	0.068725
SSW	0.001660	0.017264	0.024568	0.030987	0.007027	0.001273	0.082780
SW	0.002213	0.017873	0.026837	0.024900	0.005091	0.001549	0.078464
WSW	0.002711	0.022410	0.031485	0.024181	0.004869	0.002490	0.088147
W	0.003707	0.030821	0.034971	0.029216	0.005699	0.001383	0.105799
WNW	0.003099	0.022632	0.033975	0.025952	0.004537	0.000332	0.090527
NW	0.002435	0.015106	0.028608	0.023849	0.004482	0.000941	0.075421
NNW	0.000885	0.009351	0.023628	0.024734	0.006474	0.002158	0.067231
Total	0.026062	0.218515	0.343792	0.306275	0.066733	0.018758	

Frequency of Calm Winds : 1.99%

Average Wind Speed : 10.05 Knots