

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: May 1 - May 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	52	307	313	224	55	13	964
NNE	60	481	601	645	168	57	2012
NE	36	387	907	603	98	15	2046
ENE	11	193	550	259	14	4	1031
E	16	144	412	250	6	0	828
ESE	27	295	420	180	15	1	938
SE	38	326	329	117	6	0	816
SSE	37	281	291	189	22	3	823
S	69	395	541	490	99	25	1619
SSW	42	314	538	495	111	22	1522
SW	53	381	580	542	136	29	1721
WSW	65	340	422	321	78	19	1245
W	49	324	357	246	64	22	1062
WNW	54	264	300	232	33	7	890
NW	64	245	256	137	13	0	715
NNW	30	163	177	144	28	1	543
Total	703	4840	6994	5074	946	218	

Frequency of Calm Winds : 567

Average Wind Speed : 9.35 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: May 1 - May 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	0.002688	0.015872	0.016182	0.011581	0.002844	0.000672	0.049840
NNE	0.003102	0.024868	0.031072	0.033347	0.008686	0.002947	0.104022
NE	0.001861	0.020008	0.046893	0.031176	0.005067	0.000776	0.105780
ENE	0.000569	0.009978	0.028436	0.013391	0.000724	0.000207	0.053304
E	0.000827	0.007445	0.021301	0.012925	0.000310	0.000000	0.042808
ESE	0.001396	0.015252	0.021714	0.009306	0.000776	0.000052	0.048496
SE	0.001965	0.016855	0.017010	0.006049	0.000310	0.000000	0.042188
SSE	0.001913	0.014528	0.015045	0.009771	0.001137	0.000155	0.042550
S	0.003567	0.020422	0.027970	0.025333	0.005118	0.001293	0.083704
SSW	0.002171	0.016234	0.027815	0.025592	0.005739	0.001137	0.078689
SW	0.002740	0.019698	0.029987	0.028022	0.007031	0.001499	0.088977
WSW	0.003361	0.017578	0.021818	0.016596	0.004033	0.000982	0.064368
W	0.002533	0.016751	0.018457	0.012718	0.003309	0.001137	0.054906
WNW	0.002792	0.013649	0.015510	0.011995	0.001706	0.000362	0.046014
NW	0.003309	0.012667	0.013235	0.007083	0.000672	0.000000	0.036966
NNW	0.001551	0.008427	0.009151	0.007445	0.001448	0.000052	0.028074
Total	0.036346	0.250233	0.361597	0.262331	0.048909	0.011271	

Frequency of Calm Winds : 2.93%

Average Wind Speed : 9.35 Knots