

Station ID: 13994

RUN ID: ST LOUIS/LAMBERT 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	29	165	277	179	12	0	662
NNE	44	234	201	62	9	0	550
NE	70	225	169	43	2	0	509
ENE	49	152	163	31	2	0	397
E	47	274	237	29	1	0	588
ESE	80	495	447	114	15	1	1152
SE	86	572	825	365	25	6	1879
SSE	43	377	977	552	43	6	1998
S	49	355	960	503	54	1	1922
SSW	30	237	401	181	13	3	865
SW	51	302	448	179	4	1	985
WSW	74	462	419	190	19	3	1167
W	119	442	453	259	54	21	1348
WNW	52	366	621	449	123	38	1649
NW	36	301	562	428	69	14	1410
NNW	34	178	385	252	19	5	873
Total	893	5137	7545	3816	464	99	

Frequency of Calm Winds : 1391

Average Wind Speed : 8.50 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	0.001499	0.008529	0.014319	0.009253	0.000620	0.000000	0.034221
NNE	0.002274	0.012096	0.010390	0.003205	0.000465	0.000000	0.028431
NE	0.003619	0.011631	0.008736	0.002223	0.000103	0.000000	0.026312
ENE	0.002533	0.007857	0.008426	0.001602	0.000103	0.000000	0.020522
E	0.002430	0.014164	0.012251	0.001499	0.000052	0.000000	0.030395
ESE	0.004135	0.025588	0.023107	0.005893	0.000775	0.000052	0.059550
SE	0.004446	0.029568	0.042647	0.018868	0.001292	0.000310	0.097131
SSE	0.002223	0.019488	0.050504	0.028535	0.002223	0.000310	0.103283
S	0.002533	0.018351	0.049625	0.026002	0.002791	0.000052	0.099354
SSW	0.001551	0.012251	0.020729	0.009356	0.000672	0.000155	0.044714
SW	0.002636	0.015611	0.023158	0.009253	0.000207	0.000052	0.050918
WSW	0.003825	0.023882	0.021659	0.009822	0.000982	0.000155	0.060326
W	0.006151	0.022848	0.023417	0.013388	0.002791	0.001086	0.069682
WNW	0.002688	0.018920	0.032101	0.023210	0.006358	0.001964	0.085242
NW	0.001861	0.015560	0.029051	0.022125	0.003567	0.000724	0.072887
NNW	0.001758	0.009201	0.019902	0.013027	0.000982	0.000258	0.045128
Total	0.046162	0.265547	0.390023	0.197260	0.023986	0.005118	

Frequency of Calm Winds : 7.19%

Average Wind Speed : 8.50 Knots