

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: Jul 1 - Jul 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	43	241	345	140	12	0	781
NNE	60	377	332	79	2	0	850
NE	92	391	301	76	5	0	865
ENE	66	305	263	43	0	0	677
E	61	346	360	46	2	0	815
ESE	59	567	420	63	0	1	1110
SE	59	410	580	147	7	1	1204
SSE	41	330	731	278	9	0	1389
S	47	532	1177	319	6	0	2081
SSW	31	384	697	227	5	0	1344
SW	30	477	777	239	1	1	1525
WSW	79	595	724	268	7	0	1673
W	115	514	541	213	16	3	1402
WNW	75	431	366	155	5	1	1033
NW	37	308	424	186	13	1	969
NNW	21	205	357	134	10	2	729
Total	916	6413	8395	2613	100	10	

Frequency of Calm Winds : 897

Average Wind Speed : 7.64 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: Jul 1 - Jul 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	0.002223	0.012459	0.017835	0.007237	0.000620	0.000000	0.040374
NNE	0.003102	0.019489	0.017163	0.004084	0.000103	0.000000	0.043941
NE	0.004756	0.020213	0.015560	0.003929	0.000258	0.000000	0.044717
ENE	0.003412	0.015767	0.013596	0.002223	0.000000	0.000000	0.034998
E	0.003153	0.017887	0.018610	0.002378	0.000103	0.000000	0.042132
ESE	0.003050	0.029311	0.021712	0.003257	0.000000	0.000052	0.057382
SE	0.003050	0.021195	0.029983	0.007599	0.000362	0.000052	0.062242
SSE	0.002120	0.017060	0.037789	0.014371	0.000465	0.000000	0.071805
S	0.002430	0.027502	0.060846	0.016491	0.000310	0.000000	0.107579
SSW	0.001603	0.019851	0.036032	0.011735	0.000258	0.000000	0.069479
SW	0.001551	0.024659	0.040167	0.012355	0.000052	0.000052	0.078836
WSW	0.004084	0.030759	0.037428	0.013854	0.000362	0.000000	0.086487
W	0.005945	0.026572	0.027967	0.011011	0.000827	0.000155	0.072477
WNW	0.003877	0.022281	0.018921	0.008013	0.000258	0.000052	0.053402
NW	0.001913	0.015922	0.021919	0.009615	0.000672	0.000052	0.050093
NNW	0.001086	0.010598	0.018455	0.006927	0.000517	0.000103	0.037686
Total	0.047353	0.331524	0.433985	0.135081	0.005170	0.000517	

Frequency of Calm Winds : 4.64%

Average Wind Speed : 7.64 Knots