

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: 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	30	168	254	162	15	1	630
NNE	42	281	261	129	13	0	726
NE	68	270	261	104	7	2	712
ENE	38	249	269	109	4	1	670
E	60	309	387	143	9	0	908
ESE	61	474	509	219	14	5	1282
SE	73	469	654	466	43	3	1708
SSE	28	302	671	557	94	3	1655
S	19	371	933	673	87	16	2099
SSW	24	227	571	289	22	2	1135
SW	25	295	457	231	18	4	1030
WSW	79	407	456	254	37	3	1236
W	96	427	444	312	66	14	1359
WNW	61	352	441	335	87	21	1297
NW	48	267	420	319	57	10	1121
NNW	18	165	295	160	26	3	667
Total	770	5033	7283	4462	599	88	

Frequency of Calm Winds : 1108

Average Wind Speed : 8.85 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	0.001551	0.008685	0.013131	0.008375	0.000775	0.000052	0.032570
NNE	0.002171	0.014527	0.013493	0.006669	0.000672	0.000000	0.037533
NE	0.003515	0.013959	0.013493	0.005377	0.000362	0.000103	0.036809
ENE	0.001965	0.012873	0.013907	0.005635	0.000207	0.000052	0.034638
E	0.003102	0.015975	0.020007	0.007393	0.000465	0.000000	0.046942
ESE	0.003154	0.024505	0.026314	0.011322	0.000724	0.000258	0.066277
SE	0.003774	0.024246	0.033811	0.024091	0.002223	0.000155	0.088301
SSE	0.001448	0.015613	0.034690	0.028796	0.004860	0.000155	0.085561
S	0.000982	0.019180	0.048235	0.034793	0.004498	0.000827	0.108515
SSW	0.001241	0.011736	0.029520	0.014941	0.001137	0.000103	0.058678
SW	0.001292	0.015251	0.023626	0.011942	0.000931	0.000207	0.053249
WSW	0.004084	0.021041	0.023574	0.013131	0.001913	0.000155	0.063899
W	0.004963	0.022075	0.022954	0.016130	0.003412	0.000724	0.070258
WNW	0.003154	0.018198	0.022799	0.017319	0.004498	0.001086	0.067053
NW	0.002482	0.013803	0.021713	0.016492	0.002947	0.000517	0.057954
NNW	0.000931	0.008530	0.015251	0.008272	0.001344	0.000155	0.034483
Total	0.039808	0.260197	0.376519	0.230678	0.030967	0.004549	

Frequency of Calm Winds : 5.73%

Average Wind Speed : 8.85 Knots