

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: Aug 1 - Aug 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	47	265	411	111	10	0	<b>844</b>
NNE	79	401	333	98	0	0	<b>911</b>
NE	107	439	340	64	2	1	<b>953</b>
ENE	65	318	262	38	1	0	<b>684</b>
E	76	473	417	40	3	0	<b>1009</b>
ESE	138	762	552	84	1	0	<b>1537</b>
SE	120	604	725	163	2	0	<b>1614</b>
SSE	58	411	787	263	4	0	<b>1523</b>
S	45	491	1085	369	4	0	<b>1994</b>
SSW	37	329	590	199	8	1	<b>1164</b>
SW	42	359	634	187	2	1	<b>1225</b>
WSW	56	443	515	185	5	0	<b>1204</b>
W	102	377	365	116	6	1	<b>967</b>
WNW	80	386	320	161	19	0	<b>966</b>
NW	58	328	309	151	12	2	<b>860</b>
NNW	34	252	378	100	8	2	<b>774</b>
Total	1144	6638	8023	2329	87	8	

Frequency of Calm Winds : 1115

Average Wind Speed : 7.41 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: Aug 1 - Aug 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	0.002430	0.013699	0.021247	0.005738	0.000517	0.000000	0.043631
NNE	0.004084	0.020730	0.017215	0.005066	0.000000	0.000000	0.047095
NE	0.005531	0.022694	0.017577	0.003309	0.000103	0.000052	0.049266
ENE	0.003360	0.016439	0.013544	0.001964	0.000052	0.000000	0.035360
E	0.003929	0.024452	0.021557	0.002068	0.000155	0.000000	0.052161
ESE	0.007134	0.039392	0.028536	0.004342	0.000052	0.000000	0.079456
SE	0.006203	0.031224	0.037479	0.008426	0.000103	0.000000	0.083437
SSE	0.002998	0.021247	0.040684	0.013596	0.000207	0.000000	0.078732
S	0.002326	0.025383	0.056090	0.019076	0.000207	0.000000	0.103081
SSW	0.001913	0.017008	0.030500	0.010287	0.000414	0.000052	0.060174
SW	0.002171	0.018559	0.032775	0.009667	0.000103	0.000052	0.063327
WSW	0.002895	0.022901	0.026623	0.009564	0.000258	0.000000	0.062242
W	0.005273	0.019489	0.018869	0.005997	0.000310	0.000052	0.049990
WNW	0.004136	0.019955	0.016543	0.008323	0.000982	0.000000	0.049938
NW	0.002998	0.016956	0.015974	0.007806	0.000620	0.000103	0.044458
NNW	0.001758	0.013027	0.019541	0.005170	0.000414	0.000103	0.040012
Total	0.059140	0.343156	0.414754	0.120399	0.004498	0.000414	

Frequency of Calm Winds : 5.76%

Average Wind Speed : 7.41 Knots