

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: Jan 1 - Jan 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	17	129	304	284	18	0	<b>752</b>
NNE	33	202	237	119	10	3	<b>604</b>
NE	40	208	226	70	1	0	<b>545</b>
ENE	32	159	175	40	1	0	<b>407</b>
E	41	273	267	94	4	1	<b>680</b>
ESE	47	326	381	176	2	0	<b>932</b>
SE	35	255	595	383	27	5	<b>1300</b>
SSE	25	226	664	534	49	3	<b>1501</b>
S	26	245	690	397	57	5	<b>1420</b>
SSW	17	177	278	139	10	1	<b>622</b>
SW	37	267	427	155	17	3	<b>906</b>
WSW	53	384	548	334	61	9	<b>1389</b>
W	69	386	655	522	172	77	<b>1881</b>
WNW	53	366	779	1119	373	154	<b>2844</b>
NW	36	299	607	740	221	77	<b>1980</b>
NNW	21	160	375	297	46	13	<b>912</b>
Total	582	4062	7208	5403	1069	351	

Frequency of Calm Winds : 669

Average Wind Speed : 9.80 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: Jan 1 - Jan 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	0.000879	0.006669	0.015715	0.014682	0.000931	0.000000	0.038875
NNE	0.001706	0.010443	0.012252	0.006152	0.000517	0.000155	0.031224
NE	0.002068	0.010753	0.011683	0.003619	0.000052	0.000000	0.028174
ENE	0.001654	0.008220	0.009047	0.002068	0.000052	0.000000	0.021040
E	0.002120	0.014113	0.013803	0.004859	0.000207	0.000052	0.035153
ESE	0.002430	0.016853	0.019696	0.009098	0.000103	0.000000	0.048180
SE	0.001809	0.013182	0.030759	0.019799	0.001396	0.000258	0.067204
SSE	0.001292	0.011683	0.034326	0.027605	0.002533	0.000155	0.077595
S	0.001344	0.012665	0.035670	0.020523	0.002947	0.000258	0.073408
SSW	0.000879	0.009150	0.014371	0.007186	0.000517	0.000052	0.032155
SW	0.001913	0.013803	0.022074	0.008013	0.000879	0.000155	0.046836
WSW	0.002740	0.019851	0.028329	0.017266	0.003153	0.000465	0.071805
W	0.003567	0.019955	0.033861	0.026985	0.008892	0.003981	0.097239
WNW	0.002740	0.018921	0.040271	0.057847	0.019282	0.007961	0.147022
NW	0.001861	0.015457	0.031379	0.038255	0.011425	0.003981	0.102357
NNW	0.001086	0.008271	0.019386	0.015354	0.002378	0.000672	0.047146
Total	0.030087	0.209988	0.372622	0.279311	0.055263	0.018145	

Frequency of Calm Winds : 3.46%

Average Wind Speed : 9.80 Knots