

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: Dec 1 - Dec 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	13	131	304	221	4	0	673
NNE	44	190	256	59	0	0	549
NE	48	198	152	37	0	0	435
ENE	37	145	153	48	1	0	384
E	48	213	219	64	4	0	548
ESE	69	372	418	198	19	0	1076
SE	51	388	724	410	33	6	1612
SSE	33	289	719	534	52	7	1634
S	28	270	759	517	48	9	1631
SSW	26	172	360	199	30	1	788
SW	32	260	404	178	25	6	905
WSW	48	301	447	275	55	9	1135
W	57	410	537	479	159	48	1690
WNW	44	389	776	1038	337	113	2697
NW	39	275	609	765	186	44	1918
NNW	16	164	415	333	31	3	962
Total	633	4167	7252	5355	984	246	

Frequency of Calm Winds : 679

Average Wind Speed : 9.63 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: Dec 1 - Dec 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	0.000673	0.006782	0.015738	0.011441	0.000207	0.000000	0.034842
NNE	0.002278	0.009836	0.013253	0.003054	0.000000	0.000000	0.028422
NE	0.002485	0.010251	0.007869	0.001916	0.000000	0.000000	0.022520
ENE	0.001916	0.007507	0.007921	0.002485	0.000052	0.000000	0.019880
E	0.002485	0.011027	0.011338	0.003313	0.000207	0.000000	0.028370
ESE	0.003572	0.019259	0.021640	0.010251	0.000984	0.000000	0.055705
SE	0.002640	0.020087	0.037482	0.021226	0.001708	0.000311	0.083454
SSE	0.001708	0.014962	0.037223	0.027645	0.002692	0.000362	0.084593
S	0.001450	0.013978	0.039294	0.026765	0.002485	0.000466	0.084438
SSW	0.001346	0.008905	0.018637	0.010302	0.001553	0.000052	0.040795
SW	0.001657	0.013460	0.020915	0.009215	0.001294	0.000311	0.046852
WSW	0.002485	0.015583	0.023141	0.014237	0.002847	0.000466	0.058760
W	0.002951	0.021226	0.027801	0.024798	0.008232	0.002485	0.087492
WNW	0.002278	0.020139	0.040174	0.053738	0.017447	0.005850	0.139625
NW	0.002019	0.014237	0.031528	0.039604	0.009629	0.002278	0.099296
NNW	0.000828	0.008490	0.021485	0.017240	0.001605	0.000155	0.049803
Total	0.032771	0.215728	0.375440	0.277231	0.050942	0.012736	

Frequency of Calm Winds : 3.52%

Average Wind Speed : 9.63 Knots