

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: Feb 1 - Feb 29

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	22	115	336	229	25	9	736
NNE	29	225	285	128	10	4	681
NE	34	224	278	114	16	1	667
ENE	34	192	234	111	15	1	587
E	39	227	359	120	5	0	750
ESE	48	403	459	205	16	4	1135
SE	35	291	658	429	46	4	1463
SSE	22	192	499	420	35	5	1173
S	18	191	553	365	26	1	1154
SSW	14	115	235	135	6	1	506
SW	25	172	298	190	12	1	698
WSW	36	223	366	224	55	14	918
W	44	309	482	342	106	36	1319
WNW	53	342	624	870	280	88	2257
NW	28	260	644	777	190	60	1959
NNW	20	146	424	368	47	10	1015
Total	501	3627	6734	5027	890	239	

Frequency of Calm Winds : 606

Average Wind Speed : 9.74 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: Feb 1 - Feb 29

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	0.001248	0.006525	0.019065	0.012994	0.001419	0.000511	0.041761
NNE	0.001645	0.012767	0.016171	0.007263	0.000567	0.000227	0.038640
NE	0.001929	0.012710	0.015774	0.006468	0.000908	0.000057	0.037846
ENE	0.001929	0.010894	0.013277	0.006298	0.000851	0.000057	0.033307
E	0.002213	0.012880	0.020370	0.006809	0.000284	0.000000	0.042556
ESE	0.002724	0.022867	0.026044	0.011632	0.000908	0.000227	0.064401
SE	0.001986	0.016512	0.037335	0.024342	0.002610	0.000227	0.083012
SSE	0.001248	0.010894	0.028314	0.023831	0.001986	0.000284	0.066557
S	0.001021	0.010837	0.031378	0.020710	0.001475	0.000057	0.065479
SSW	0.000794	0.006525	0.013334	0.007660	0.000340	0.000057	0.028711
SW	0.001419	0.009759	0.016909	0.010781	0.000681	0.000057	0.039605
WSW	0.002043	0.012653	0.020767	0.012710	0.003121	0.000794	0.052088
W	0.002497	0.017533	0.027349	0.019405	0.006015	0.002043	0.074841
WNW	0.003007	0.019405	0.035406	0.049365	0.015887	0.004993	0.128064
NW	0.001589	0.014753	0.036541	0.044088	0.010781	0.003404	0.111155
NNW	0.001135	0.008284	0.024058	0.020881	0.002667	0.000567	0.057592
Total	0.028427	0.205799	0.382093	0.285236	0.050499	0.013561	

Frequency of Calm Winds : 3.44%

Average Wind Speed : 9.74 Knots