

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: Apr 1 - Apr 30

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	18	137	284	187	29	2	657
NNE	25	144	194	113	12	0	488
NE	28	189	214	165	11	3	610
ENE	30	174	282	149	10	0	645
E	39	229	411	261	21	1	962
ESE	36	349	655	470	59	8	1577
SE	21	330	675	627	94	2	1749
SSE	13	168	531	698	149	23	1582
S	7	166	593	661	143	26	1596
SSW	9	112	321	245	43	7	737
SW	15	155	304	233	38	10	755
WSW	33	298	344	301	79	25	1080
W	47	292	407	367	156	83	1352
WNW	32	329	505	631	293	106	1896
NW	19	218	458	614	176	56	1541
NNW	14	145	309	282	41	9	800
Total	386	3435	6487	6004	1354	361	

Frequency of Calm Winds : 693

Average Wind Speed : 10.44 Knots

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: Apr 1 - Apr 30

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	0.000962	0.007318	0.015171	0.009989	0.001549	0.000107	0.035096
NNE	0.001335	0.007692	0.010363	0.006036	0.000641	0.000000	0.026068
NE	0.001496	0.010096	0.011432	0.008814	0.000588	0.000160	0.032585
ENE	0.001603	0.009295	0.015064	0.007959	0.000534	0.000000	0.034455
E	0.002083	0.012233	0.021955	0.013942	0.001122	0.000053	0.051389
ESE	0.001923	0.018643	0.034989	0.025107	0.003152	0.000427	0.084241
SE	0.001122	0.017628	0.036058	0.033494	0.005021	0.000107	0.093429
SSE	0.000694	0.008974	0.028365	0.037286	0.007959	0.001229	0.084509
S	0.000374	0.008868	0.031677	0.035310	0.007639	0.001389	0.085256
SSW	0.000481	0.005983	0.017147	0.013088	0.002297	0.000374	0.039370
SW	0.000801	0.008280	0.016239	0.012447	0.002030	0.000534	0.040331
WSW	0.001763	0.015919	0.018376	0.016079	0.004220	0.001335	0.057692
W	0.002511	0.015598	0.021741	0.019605	0.008333	0.004434	0.072222
WNW	0.001709	0.017575	0.026976	0.033707	0.015652	0.005662	0.101282
NW	0.001015	0.011645	0.024466	0.032799	0.009402	0.002991	0.082318
NNW	0.000748	0.007746	0.016506	0.015064	0.002190	0.000481	0.042735
Total	0.020620	0.183494	0.346528	0.320726	0.072329	0.019284	

Frequency of Calm Winds : 3.70%

Average Wind Speed : 10.44 Knots