

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: Sep 1 - Sep 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	53	239	355	188	7	1	843
NNE	68	337	277	97	5	0	784
NE	79	357	229	61	0	0	726
ENE	59	211	260	49	2	0	581
E	83	324	299	42	4	0	752
ESE	112	609	444	80	3	0	1248
SE	106	633	664	211	10	0	1624
SSE	55	434	930	435	21	3	1878
S	66	469	1122	529	37	2	2225
SSW	31	256	506	222	9	0	1024
SW	48	296	414	141	7	0	906
WSW	101	386	322	105	4	0	918
W	123	394	271	108	12	3	911
WNW	68	362	346	184	35	2	997
NW	40	295	402	301	29	6	1073
NNW	34	224	379	222	21	3	883
Total	1126	5826	7220	2975	206	20	

Frequency of Calm Winds : 1347

Average Wind Speed : 7.82 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: Sep 1 - Sep 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	0.002831	0.012767	0.018964	0.010043	0.000374	0.000053	0.045032
NNE	0.003632	0.018002	0.014797	0.005182	0.000267	0.000000	0.041880
NE	0.004220	0.019071	0.012233	0.003259	0.000000	0.000000	0.038782
ENE	0.003152	0.011271	0.013889	0.002618	0.000107	0.000000	0.031036
E	0.004434	0.017308	0.015972	0.002244	0.000214	0.000000	0.040171
ESE	0.005983	0.032532	0.023718	0.004274	0.000160	0.000000	0.066667
SE	0.005662	0.033814	0.035470	0.011271	0.000534	0.000000	0.086752
SSE	0.002938	0.023184	0.049679	0.023237	0.001122	0.000160	0.100321
S	0.003526	0.025053	0.059936	0.028259	0.001976	0.000107	0.118857
SSW	0.001656	0.013675	0.027030	0.011859	0.000481	0.000000	0.054701
SW	0.002564	0.015812	0.022115	0.007532	0.000374	0.000000	0.048397
WSW	0.005395	0.020620	0.017201	0.005609	0.000214	0.000000	0.049038
W	0.006571	0.021047	0.014476	0.005769	0.000641	0.000160	0.048665
WNW	0.003632	0.019338	0.018483	0.009829	0.001870	0.000107	0.053259
NW	0.002137	0.015759	0.021474	0.016079	0.001549	0.000321	0.057318
NNW	0.001816	0.011966	0.020246	0.011859	0.001122	0.000160	0.047169
Total	0.060150	0.311218	0.385684	0.158921	0.011004	0.001068	

Frequency of Calm Winds : 7.20%

Average Wind Speed : 7.82 Knots