

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: Jun 1 - Jun 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 | 23 | 143 | 233 | 118 | 12 | 2 | 531 |
| NNE | 43 | 247 | 292 | 115 | 3 | 0 | 700 |
| NE | 58 | 283 | 282 | 132 | 7 | 0 | 762 |
| ENE | 43 | 228 | 276 | 73 | 1 | 0 | 621 |
| E | 55 | 282 | 345 | 64 | 3 | 0 | 749 |
| ESE | 65 | 426 | 375 | 90 | 1 | 0 | 957 |
| SE | 61 | 368 | 501 | 174 | 9 | 1 | 1114 |
| SSE | 47 | 287 | 731 | 368 | 17 | 2 | 1452 |
| S | 30 | 464 | 1135 | 621 | 55 | 4 | 2309 |
| SSW | 23 | 337 | 738 | 354 | 26 | 2 | 1480 |
| SW | 29 | 406 | 816 | 324 | 13 | 0 | 1588 |
| WSW | 58 | 557 | 684 | 291 | 30 | 1 | 1621 |
| W | 97 | 513 | 487 | 225 | 27 | 2 | 1351 |
| WNW | 61 | 366 | 413 | 228 | 36 | 8 | 1112 |
| NW | 37 | 246 | 384 | 213 | 27 | 7 | 914 |
| NNW | 21 | 124 | 276 | 166 | 11 | 3 | 601 |
| Total | 751 | 5277 | 7968 | 3556 | 278 | 32 | |

Frequency of Calm Winds : 856

Average Wind Speed : 8.29 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: Jun 1 - Jun 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 | 0.001229 | 0.007640 | 0.012448 | 0.006304 | 0.000641 | 0.000107 | 0.028368 |
| NNE | 0.002297 | 0.013196 | 0.015600 | 0.006144 | 0.000160 | 0.000000 | 0.037397 |
| NE | 0.003099 | 0.015119 | 0.015066 | 0.007052 | 0.000374 | 0.000000 | 0.040709 |
| ENE | 0.002297 | 0.012181 | 0.014745 | 0.003900 | 0.000053 | 0.000000 | 0.033177 |
| E | 0.002938 | 0.015066 | 0.018431 | 0.003419 | 0.000160 | 0.000000 | 0.040015 |
| ESE | 0.003473 | 0.022759 | 0.020034 | 0.004808 | 0.000053 | 0.000000 | 0.051127 |
| SE | 0.003259 | 0.019660 | 0.026766 | 0.009296 | 0.000481 | 0.000053 | 0.059515 |
| SSE | 0.002511 | 0.015333 | 0.039053 | 0.019660 | 0.000908 | 0.000107 | 0.077572 |
| S | 0.001603 | 0.024789 | 0.060637 | 0.033177 | 0.002938 | 0.000214 | 0.123357 |
| SSW | 0.001229 | 0.018004 | 0.039427 | 0.018912 | 0.001389 | 0.000107 | 0.079068 |
| SW | 0.001549 | 0.021690 | 0.043594 | 0.017310 | 0.000695 | 0.000000 | 0.084838 |
| WSW | 0.003099 | 0.029757 | 0.036542 | 0.015547 | 0.001603 | 0.000053 | 0.086601 |
| W | 0.005182 | 0.027407 | 0.026018 | 0.012021 | 0.001442 | 0.000107 | 0.072177 |
| WNW | 0.003259 | 0.019553 | 0.022064 | 0.012181 | 0.001923 | 0.000427 | 0.059408 |
| NW | 0.001977 | 0.013142 | 0.020515 | 0.011379 | 0.001442 | 0.000374 | 0.048830 |
| NNW | 0.001122 | 0.006625 | 0.014745 | 0.008868 | 0.000588 | 0.000160 | 0.032108 |
| Total | 0.040122 | 0.281921 | 0.425687 | 0.189978 | 0.014852 | 0.001710 | |

Frequency of Calm Winds : 4.57%

Average Wind Speed : 8.29 Knots