

Station ID: 93817

RUN ID: EVANSVILLE/DRESS REGIONAL ARP

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 | 71 | 302 | 456 | 246 | 18 | 0 | 1093 |
| NNE | 38 | 158 | 246 | 118 | 4 | 0 | 564 |
| NE | 73 | 263 | 330 | 119 | 8 | 0 | 793 |
| ENE | 101 | 430 | 372 | 125 | 15 | 2 | 1045 |
| E | 104 | 343 | 380 | 135 | 12 | 1 | 975 |
| ESE | 69 | 281 | 297 | 127 | 5 | 0 | 779 |
| SE | 81 | 310 | 401 | 206 | 16 | 3 | 1017 |
| SSE | 57 | 244 | 283 | 226 | 28 | 2 | 840 |
| S | 79 | 334 | 548 | 516 | 88 | 13 | 1578 |
| SSW | 45 | 200 | 447 | 506 | 124 | 27 | 1349 |
| SW | 50 | 237 | 498 | 494 | 99 | 7 | 1385 |
| WSW | 45 | 204 | 321 | 310 | 77 | 10 | 967 |
| W | 78 | 257 | 347 | 308 | 61 | 12 | 1063 |
| WNW | 122 | 202 | 301 | 377 | 58 | 10 | 1070 |
| NW | 264 | 401 | 454 | 470 | 69 | 6 | 1664 |
| NNW | 138 | 353 | 391 | 324 | 39 | 4 | 1249 |
| Total | 1415 | 4519 | 6072 | 4607 | 721 | 97 | |

Frequency of Calm Winds : 1768

Average Wind Speed : 8.84 Knots

Station ID: 93817

RUN ID: EVANSVILLE/DRESS REGIONAL ARP

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 | 0.003698 | 0.015730 | 0.023751 | 0.012813 | 0.000938 | 0.000000 | 0.056930 |
| NNE | 0.001979 | 0.008230 | 0.012813 | 0.006146 | 0.000208 | 0.000000 | 0.029377 |
| NE | 0.003802 | 0.013699 | 0.017188 | 0.006198 | 0.000417 | 0.000000 | 0.041304 |
| ENE | 0.005261 | 0.022397 | 0.019376 | 0.006511 | 0.000781 | 0.000104 | 0.054430 |
| E | 0.005417 | 0.017866 | 0.019793 | 0.007032 | 0.000625 | 0.000052 | 0.050784 |
| ESE | 0.003594 | 0.014636 | 0.015470 | 0.006615 | 0.000260 | 0.000000 | 0.040575 |
| SE | 0.004219 | 0.016147 | 0.020887 | 0.010730 | 0.000833 | 0.000156 | 0.052972 |
| SSE | 0.002969 | 0.012709 | 0.014740 | 0.011771 | 0.001458 | 0.000104 | 0.043752 |
| S | 0.004115 | 0.017397 | 0.028543 | 0.026876 | 0.004584 | 0.000677 | 0.082192 |
| SSW | 0.002344 | 0.010417 | 0.023282 | 0.026356 | 0.006459 | 0.001406 | 0.070264 |
| SW | 0.002604 | 0.012344 | 0.025939 | 0.025731 | 0.005157 | 0.000365 | 0.072139 |
| WSW | 0.002344 | 0.010626 | 0.016720 | 0.016147 | 0.004011 | 0.000521 | 0.050367 |
| W | 0.004063 | 0.013386 | 0.018074 | 0.016043 | 0.003177 | 0.000625 | 0.055367 |
| WNW | 0.006354 | 0.010521 | 0.015678 | 0.019636 | 0.003021 | 0.000521 | 0.055732 |
| NW | 0.013751 | 0.020887 | 0.023647 | 0.024480 | 0.003594 | 0.000313 | 0.086671 |
| NNW | 0.007188 | 0.018386 | 0.020366 | 0.016876 | 0.002031 | 0.000208 | 0.065055 |
| Total | 0.073702 | 0.235377 | 0.316266 | 0.239960 | 0.037554 | 0.005052 | |

Frequency of Calm Winds : 9.21%

Average Wind Speed : 8.84 Knots