

Critical Infrastructure Complex Mesonet Station - February 2005

Temperatures from 2 meter tower level - Winds from 15 meter tower level

| <u>Date</u> | <u>Max Temp (°F)</u> | <u>Min Temp (°F)</u> | <u>Average Temp (°F)</u> | <u>Average Wind Speed (mph)</u> | <u>Peak Wind Speed (mph)</u> | <u>Mean Vector Wind (mph/deg)</u> | <u>Precipitation (inches)</u> |
|-------------|----------------------|----------------------|--------------------------|---------------------------------|------------------------------|-----------------------------------|-------------------------------|
| Feb 1 | 28.7 | 4.2 | 17.4 | 4.6 | 11.2 | 4.2 from 237.4 - WSW | N/A |
| Feb 2 | 22.7 | 3.1 | 16.9 | 3.4 | 10.7 | 3.0 from 24.9 - NNE | N/A |
| Feb 3 | 23.4 | 2.6 | 15.4 | 2.6 | 7.2 | 1.8 from 1.7 - N | N/A |
| Feb 4 | 25.3 | -0.5 | 11.7 | 3.3 | 12.4 | 0.7 from 12.2 - NNE | N/A |
| Feb 5 | 30.9 | 2.8 | 21.7 | 10.6 | 36.3 | 9.3 from 245.6 - WSW | N/A |
| Feb 6 | 23.9 | -3.5 | 11.8 | 4.4 | 10.2 | 3.6 from 26.4 - NNE | N/A |
| Feb 7 | 27.5 | -0.9 | 12.2 | 3.4 | 10.2 | 2.6 from 223.2 - SW | N/A |
| Feb 8 | 25.9 | -7.3 | 7.3 | 4.6 | 20.3 | 1.3 from 230.1 - SW | N/A |
| Feb 9 | 22.9 | -5.2 | 9.3 | 5.3 | 12.4 | 4.5 from 34.7 - NE | N/A |
| Feb 10 | 26.2 | -2.3 | 10.9 | 4.8 | 13.9 | 4.1 from 29.0 - NNE | N/A |
| Feb 11 | 31.1 | -11.6 | 11.8 | 5.4 | 15.2 | 4.1 from 30.8 - NNE | N/A |
| Feb 12 | 35.0 | 22.5 | 27.7 | 6.3 | 25.1 | 3.5 from 251.4 - WSW | N/A |
| Feb 13 | 37.2 | 24.8 | 31.4 | 17.2 | 39.1 | 16.1 from 212.4 - SSW | N/A |
| Feb 14 | 32.0 | 9.9 | 24.9 | 20.4 | 45.0 | 17.9 from 242.9 - WSW | N/A |
| Feb 15 | 23.7 | -7.9 | 9.2 | 5.9 | 17.4 | 3.5 from 25.6 - NNE | N/A |
| Feb 16 | 21.0 | -13.5 | 2.8 | 4.1 | 12.4 | 2.8 from 17.0 - NNE | N/A |
| Feb 17 | 22.6 | -15.6 | 2.6 | 5.2 | 13.8 | 4.3 from 22.0 - NNE | N/A |
| Feb 18 | 25.7 | -11.8 | 7.0 | 4.4 | 11.2 | 3.4 from 10.2 - N | N/A |
| Feb 19 | 30.7 | 5.2 | 22.7 | 3.3 | 10.1 | 1.0 from 341.4 - NNW | N/A |
| Feb 20 | 35.6 | 26.3 | 30.6 | 6.8 | 24.7 | 1.5 from 238.9 - WSW | N/A |
| Feb 21 | 35.6 | 18.6 | 28.6 | 8.0 | 24.4 | 2.2 from 273.7 - W | N/A |
| Feb 22 | 38.1 | 14.6 | 26.0 | 7.3 | 17.8 | 7.0 from 39.4 - NE | N/A |
| Feb 23 | 37.6 | 3.8 | 20.6 | 4.6 | 13.1 | 3.2 from 27.7 - NNE | N/A |
| Feb 24 | 35.7 | 2.1 | 18.1 | 3.8 | 9.4 | 2.8 from 359.9 - N | N/A |
| Feb 25 | 36.7 | 2.1 | 18.3 | 4.0 | 9.8 | 2.9 from 2.6 - N | N/A |
| Feb 26 | 35.1 | 2.4 | 18.1 | 2.8 | 7.8 | 1.5 from 337.8 - NNW | N/A |
| Feb 27 | 34.7 | 2.0 | 18.0 | 3.9 | 10.3 | 2.9 from 4.5 - N | N/A |
| Feb 28 | 33.3 | 2.4 | 19.3 | 3.5 | 8.7 | 1.8 from 332.5 - NNW | N/A |
| Averages | 29.9 | 2.5 | 16.9 | 6.0 | 16.7 | 1.2 from 306.9 - NW | 0.00 |
| | | | | | | | Total |

Maximum temperature of 38.1 °F occurred 16:35 MST Feb 22nd.

Minimum temperature of -15.6 °F occurred 6:40 MST Feb 17th.

Heating degree days from daily averages based on 65 °F for month is 1347.9.

Peak wind for month of 45.0 mph occurred 14:50 MST Feb 14th.

Daily data appears in gray if more than 2 hours of data is not available.

N/A indicates that all data for date are not available.