

Blue Dome Mesonet Station - April 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> |
|-------------|----------------------|----------------------|--------------------------|---------------------------------|------------------------------|-----------------------------------|-------------------------------|
| Apr 1 | 50.9 | 20.0 | 35.3 | 9.2 | 35.2 | 7.8 from 146.4 - SSE | N/A |
| Apr 2 | 56.3 | 22.4 | 42.3 | 7.8 | 28.6 | 3.2 from 192.5 - SSW | N/A |
| Apr 3 | 53.0 | 26.9 | 41.1 | 9.7 | 43.5 | 7.0 from 155.9 - SSE | N/A |
| Apr 4 | 42.3 | 30.3 | 34.9 | 15.6 | 50.7 | 9.3 from 331.2 - NNW | N/A |
| Apr 5 | 47.6 | 24.8 | 35.6 | 14.7 | 43.0 | 5.3 from 328.8 - NNW | N/A |
| Apr 6 | 54.6 | 22.8 | 38.6 | 5.1 | 21.5 | 2.7 from 139.5 - SE | N/A |
| Apr 7 | 63.7 | 29.4 | 48.0 | 10.2 | 32.9 | 7.5 from 156.4 - SSE | N/A |
| Apr 8 | 50.7 | 33.7 | 39.2 | 14.3 | 34.3 | 3.3 from 5.5 - N | N/A |
| Apr 9 | 49.0 | 29.9 | 38.0 | 24.1 | 45.5 | 23.8 from 332.4 - NNW | N/A |
| Apr 10 | 48.8 | 23.7 | 36.5 | 17.5 | 41.4 | 17.0 from 329.9 - NNW | N/A |
| Apr 11 | 54.8 | 19.4 | 38.2 | 5.8 | 20.3 | 0.4 from 213.9 - SW | N/A |
| Apr 12 | 60.9 | 30.8 | 45.7 | 11.1 | 47.0 | 8.4 from 162.1 - SSE | N/A |
| Apr 13 | 64.3 | 31.3 | 47.8 | 14.2 | 42.9 | 7.6 from 162.6 - SSE | N/A |
| Apr 14 | 43.3 | 26.3 | 32.8 | 13.4 | 31.7 | 11.1 from 319.2 - NW | N/A |
| Apr 15 | 49.4 | 19.1 | 34.7 | 7.5 | 21.2 | 1.2 from 16.7 - NNE | N/A |
| Apr 16 | 63.6 | 21.7 | 44.3 | 9.0 | 28.9 | 5.0 from 147.1 - SSE | N/A |
| Apr 17 | 64.0 | 30.1 | 48.9 | 11.2 | 41.2 | 4.6 from 234.4 - SW | N/A |
| Apr 18 | 38.4 | 26.6 | 33.3 | 18.4 | 39.7 | 18.0 from 318.8 - NW | N/A |
| Apr 19 | 47.8 | 22.6 | 34.2 | 22.9 | 48.4 | 22.6 from 319.7 - NW | N/A |
| Apr 20 | 40.1 | 31.1 | 34.0 | 12.3 | 48.7 | 7.8 from 320.6 - NW | N/A |
| Apr 21 | 48.9 | 30.7 | 37.6 | 5.1 | 17.3 | 1.4 from 288.2 - WNW | N/A |
| Apr 22 | 55.3 | 29.3 | 41.9 | 8.6 | 19.0 | 4.0 from 321.1 - NW | N/A |
| Apr 23 | 59.5 | 30.6 | 44.9 | 7.5 | 36.2 | 2.4 from 157.4 - SSE | N/A |
| Apr 24 | 65.9 | 35.8 | 51.4 | 17.6 | 37.6 | 13.8 from 355.0 - N | N/A |
| Apr 25 | 64.5 | 39.2 | 51.3 | 13.6 | 28.4 | 12.5 from 317.8 - NW | N/A |
| Apr 26 | 64.0 | 36.2 | 50.3 | 10.9 | 27.6 | 5.0 from 315.4 - NW | N/A |
| Apr 27 | 49.1 | 31.6 | 40.1 | 14.1 | 34.6 | 8.6 from 304.7 - NW | N/A |
| Apr 28 | 48.7 | 27.1 | 36.3 | 19.1 | 39.6 | 16.9 from 314.9 - NW | N/A |
| Apr 29 | 47.5 | 24.4 | 36.7 | 12.4 | 32.2 | 7.1 from 311.9 - NW | N/A |
| Apr 30 | 51.2 | 27.5 | 39.0 | 6.9 | 26.4 | 0.9 from 184.5 - S | N/A |
| Averages | 53.3 | 27.8 | 40.4 | 12.3 | 34.9 | 4.5 from 317.7 - NW | 0.00 |
| | | | | | | | Total |

Maximum temperature of 65.9 °F occurred 14:45 MST Apr 24th.

Minimum temperature of 19.1 °F occurred 5:50 MST Apr 15th.

Heating degree days from daily averages based on 65 °F for month is 737.0.

Peak wind for month of 50.7 mph occurred 22:40 MST Apr 4th.

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