

High Wind Dust Alert - 01/15/2021

Credit Union Site, Rapid City, South Dakota

Date and Time Issued: January 13, 2021 12:06 PM MDT

Date Issued for: January 13, 2021 6:00 PM MDT

Date and Time Cancelled: January 15, 2021 12:00 PM MDT

| Date | Hours | PM10 Concentrations (ug/m3) | Wind Speed (MPH) | Wind Direction | Wind Gust (MPH) | Precipitation (Inches) | Weather Conditions | PM10 Standard |
|-------------------------|-------|-----------------------------|------------------|----------------|-----------------|------------------------|--------------------|---------------|
| 01/15/2021 | 0:00 | 54.2 | 41 | NNW | 58 | 0 | Fair / Windy | 150 |
| 01/15/2021 | 1:00 | 80.5 | 43 | NNW | 56 | 0 | Fair / Windy | 150 |
| 01/15/2021 | 2:00 | 31.7 | 38 | NNW | 61 | 0 | Fair / Windy | 150 |
| 01/15/2021 | 3:00 | 17.2 | 40 | NNW | 60 | 0 | Fair / Windy | 150 |
| 01/15/2021 | 4:00 | 51.7 | 43 | NNW | 64 | 0 | Fair / Windy | 150 |
| 01/15/2021 | 5:00 | 17.9 | 37 | NNW | 53 | 0 | Fair / Windy | 150 |
| 01/15/2021 | 6:00 | 54.9 | 33 | NNW | 49 | 0 | Fair / Windy | 150 |
| 01/15/2021 | 7:00 | 29.0 | 37 | NNW | 52 | 0 | Fair / Windy | 150 |
| 01/15/2021 | 8:00 | 30.2 | 36 | NNW | 48 | 0 | Fair / Windy | 150 |
| 01/15/2021 | 9:00 | 45.3 | 37 | NNW | 48 | 0 | Fair / Windy | 150 |
| 01/15/2021 | 10:00 | 49.7 | 28 | NNW | 45 | 0 | Fair / Windy | 150 |
| 01/15/2021 | 11:00 | 45.1 | 31 | NNW | 40 | 0 | Fair / Windy | 150 |
| 01/15/2021 | 12:00 | 18.9 | 31 | NNW | 41 | 0 | Fair / Windy | 150 |
| 01/15/2021 | 13:00 | 23.4 | 28 | N | 35 | 0 | Fair / Windy | 150 |
| 01/15/2021 | 14:00 | 50.2 | 23 | N | 37 | 0 | Fair / Windy | 150 |
| 01/15/2021 | 15:00 | 74.3 | 22 | NNW | 0 | 0 | Fair / Windy | 150 |
| 01/15/2021 | 16:00 | 72.6 | 14 | N | 0 | 0 | Fair | 150 |
| 01/15/2021 | 17:00 | 41.2 | 12 | NNW | 0 | 0 | Fair | 150 |
| 01/15/2021 | 18:00 | 33.9 | 3 | W | 0 | 0 | Fair | 150 |
| 01/15/2021 | 19:00 | 51.2 | 0 | CALM | 0 | 0 | Fair | 150 |
| 01/15/2021 | 20:00 | 29.5 | 0 | CALM | 0 | 0 | Cloudy | 150 |
| 01/15/2021 | 21:00 | 26.3 | 3 | SE | 0 | 0 | Cloudy | 150 |
| 01/15/2021 | 22:00 | 57.2 | 3 | ESE | 0 | 0 | Cloudy | 150 |
| 01/15/2021 | 23:00 | 35.6 | 0 | CALM | 0 | 0 | Cloudy | 150 |
| 24-Hour Averages | | 42.6 | 24.3 | | | | | |

