

High Wind Dust Alert - 12/24/2021

Credit Union Site, Rapid City, South Dakota

Date and Time Issued: December 23, 2021 10:02 AM MDT

Date Issued for: December 23, 2021 6 PM MDT

Date and Time Cancelled: December 24, 2021 5 AM MDT

Date	Hours	PM10 Concentrations (ug/m3)	Wind Speed (MPH)	Wind Direction	Wind Gust (MPH)	Precipitation (Inches)	Weather Conditions	PM10 Standard
12/24/2021	0:00	6.7	22	W	37	0.0 in	Fair / Windy	150
12/24/2021	1:00	5.7	24	W	39	0.0 in	Fair / Windy	150
12/24/2021	2:00	7.6	17	W	0	0.0 in	Fair	150
12/24/2021	3:00	6.4	20	W	31	0.0 in	Fair	150
12/24/2021	4:00	72.8	25	N	36	0.0 in	Fair / Windy	150
12/24/2021	5:00	9.3	17	N	0	0.0 in	Fair	150
12/24/2021	6:00	13.7	13	N	0	0.0 in	Fair	150
12/24/2021	7:00	12.7	18	N	0	0.0 in	Fair	150
12/24/2021	8:00	9.1	18	N	0	0.0 in	Fair	150
12/24/2021	9:00	9.8	9	NNE	0	0.0 in	Fair	150
12/24/2021	10:00	11.5	9	NE	0	0.0 in	Fair	150
12/24/2021	11:00	7.4	9	ENE	0	0.0 in	Cloudy	150
12/24/2021	12:00	4.7	6	VAR	0	0.0 in	Mostly Cloudy	150
12/24/2021	13:00	3.4	7	ENE	0	0.0 in	Fair	150
12/24/2021	14:00	2.5	6	E	0	0.0 in	Fair	150
12/24/2021	15:00	3.2	5	SE	0	0.0 in	Partly Cloudy	150
12/24/2021	16:00	5.6	7	E	0	0.0 in	Fair	150
12/24/2021	17:00	5.1	8	E	0	0.0 in	Fair	150
12/24/2021	18:00	7.1	5	SE	0	0.0 in	Fair	150
12/24/2021	19:00	10.0	7	SE	0	0.0 in	Fair	150
12/24/2021	20:00	10.8	6	E	0	0.0 in	Mostly Cloudy	150
12/24/2021	21:00	10.3	6	SE	0	0.0 in	Fair	150
12/24/2021	22:00	7.6	7	ESE	0	0.0 in	Fair	150
12/24/2021	23:00	5.4	7	ESE	0	0.0 in	Fair	150
24-Hour Averages		10.4	11.7					

