

High Wind Dust Alert - 12/24/2023

Credit Union Site, Rapid City, South Dakota

Date and Time Issued: December 23, 2023 4:03 AM MDT

Date Issued for: December 24, 2023 12:01 AM MDT

Date and Time Cancelled: December 24, 2023 5:00 PM MDT

Date	Hours	PM10 Concentrations (ug/m3)	Wind Speed (MPH)	Wind Direction	Wind Gust (MPH)	Precipitation (Inches)	Weather Conditions	PM10 Standard
12/24/2023	0:00	31.4	43	NNW	56	0.0 in	Cloudy / Windy	150
12/24/2023	1:00	187.2	41	NNW	53	0.0 in	Cloudy / Windy	150
12/24/2023	2:00	652.5	37	NNW	53	0.0 in	Cloudy / Windy	150
12/24/2023	3:00	178.8	38	NNW	51	0.0 in	Cloudy / Windy	150
12/24/2023	4:00	69.8	32	NNW	48	0.0 in	Fair / Windy	150
12/24/2023	5:00	132.4	37	NNW	51	0.0 in	Partly Cloudy / Windy	150
12/24/2023	6:00	76.8	37	NNW	53	0.0 in	Cloudy / Windy	150
12/24/2023	7:00	35.0	38	NNW	51	0.0 in	Cloudy / Windy	150
12/24/2023	8:00	70.3	31	NNW	43	0.0 in	Cloudy / Windy	150
12/24/2023	9:00	33.1	29	NNW	45	0.0 in	Cloudy / Windy	150
12/24/2023	10:00	47.2	33	NNW	44	0.0 in	Cloudy / Windy	150
12/24/2023	11:00	43.3	26	NNW	44	0.0 in	Cloudy / Windy	150
12/24/2023	12:00	19.1	31	NW	45	0.0 in	Cloudy / Windy	150
12/24/2023	13:00	49.7	31	NNW	41	0.0 in	Cloudy / Windy	150
12/24/2023	14:00	27.2	26	NNW	37	0.0 in	Fair / Windy	150
12/24/2023	15:00	13.6	23	NNW	36	0.0 in	Cloudy / Windy	150
12/24/2023	16:00	9.2	20	NNW	0	0.0 in	Fair	150
12/24/2023	17:00	5.1	18	NNW	29	0.0 in	Cloudy	150
12/24/2023	18:00	7.5	15	NNW	0	0.0 in	Fair	150
12/24/2023	19:00	9.7	18	NNW	0	0.0 in	Mostly Cloudy	150
12/24/2023	20:00	5.1	15	NNW	0	0.0 in	Fair	150
12/24/2023	21:00	4.3	16	NNW	0	0.0 in	Mostly Cloudy	150
12/24/2023	22:00	3.1	14	NNW	23	0.0 in	Mostly Cloudy	150
12/24/2023	23:00	2.4	13	NNW	0	0.0 in	Cloudy	150
24-Hour Averages		71.4	27.6					

