

High Wind Dust Alert - 12/8/2023

Credit Union Site, Rapid City, South Dakota

Date and Time Issued: December 8, 2023 5:47 AM MDT

Date Issued for: December 8, 2023 11:00 AM MDT

Date and Time Cancelled: December 8, 2023 12:00 AM MDT

Date	Hours	PM10 Concentrations (ug/m3)	Wind Speed (MPH)	Wind Direction	Wind Gust (MPH)	Precipitation (Inches)	Weather Conditions	PM10 Standard
12/08/2023	0:00	10.7	20	CALM	28	0.0 in	Fair	150
12/08/2023	1:00	9.7	20	E	29	0.0 in	Fair	150
12/08/2023	2:00	11.7	3	E	0	0.0 in	Fair	150
12/08/2023	3:00	9.7	3	E	0	0.0 in	Fair	150
12/08/2023	4:00	17.4	7	ESE	0	0.0 in	Fair	150
12/08/2023	5:00	114.1	12	ESE	0	0.0 in	Fair	150
12/08/2023	6:00	53.1	3	ESE	0	0.0 in	Fair	150
12/08/2023	7:00	67.6	12	ESE	0	0.0 in	Fair	150
12/08/2023	8:00	26.5	18	ESE	30	0.0 in	Mostly Cloudy	150
12/08/2023	9:00	36.0	24	CALM	33	0.0 in	Mostly Cloudy / Windy	150
12/08/2023	10:00	63.4	26	W	37	0.0 in	Cloudy / Windy	150
12/08/2023	11:00	79.4	29	WNW	38	0.0 in	Mostly Cloudy / Windy	150
12/08/2023	12:00	194.6	31	W	44	0.0 in	Mostly Cloudy / Windy	150
12/08/2023	13:00	80.6	25	W	39	0.0 in	Cloudy / Windy	150
12/08/2023	14:00	105.4	29	W	41	0.0 in	Mostly Cloudy / Windy	150
12/08/2023	15:00	40.9	23	N	36	0.0 in	Fair / Windy	150
12/08/2023	16:00	18.9	29	NW	39	0.0 in	Light Snow / Windy	150
12/08/2023	17:00	32.1	29	NW	41	0.0 in	Cloudy / Windy	150
12/08/2023	18:00	33.1	31	WNW	45	0.0 in	Light Snow / Windy	150
12/08/2023	19:00	19.6	28	NW	39	0.0 in	Cloudy / Windy	150
12/08/2023	20:00	13.9	28	NW	37	0.0 in	Mostly Cloudy / Windy	150
12/08/2023	21:00	10.7	29	NW	39	0.0 in	Partly Cloudy / Windy	150
12/08/2023	22:00	9.5	25	WNW	36	0.0 in	Fair / Windy	150
12/08/2023	23:00	3.9	23	SSE	38	0.0 in	Fair / Windy	150
24-Hour Averages		44.3	20.8					

