

# High Wind Dust Alert - 12/7/2023

Credit Union Site, Rapid City, South Dakota

Date and Time Issued: December 7, 2023 2:22 AM MDT

Date Issued for: December 7, 2023 2:22 AM MDT

Date and Time Cancelled: December 7, 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
12/07/2023	0:00	23.0	0	CALM	0	0.0 in	Fair	150
12/07/2023	1:00	21.8	5	E	0	0.0 in	Fair	150
12/07/2023	2:00	6.1	3	E	0	0.0 in	Fair	150
12/07/2023	3:00	10.5	3	E	0	0.0 in	Fair	150
12/07/2023	4:00	6.4	8	ESE	0	0.0 in	Fair	150
12/07/2023	5:00	5.9	9	ESE	0	0.0 in	Fair	150
12/07/2023	6:00	28.2	6	ESE	0	0.0 in	Fair	150
12/07/2023	7:00	15.6	6	ESE	0	0.0 in	Fair	150
12/07/2023	8:00	60.0	5	ESE	0	0.0 in	Fair	150
12/07/2023	9:00	22.6	0	CALM	0	0.0 in	Fair	150
12/07/2023	10:00	24.3	5	W	0	0.0 in	Fair	150
12/07/2023	11:00	15.2	16	WNW	24	0.0 in	Fair	150
12/07/2023	12:00	16.6	14	W	0	0.0 in	Fair	150
12/07/2023	13:00	12.5	13	W	0	0.0 in	Partly Cloudy	150
12/07/2023	14:00	10.9	15	W	22	0.0 in	Cloudy	150
12/07/2023	15:00	47.0	8	N	0	0.0 in	Cloudy	150
12/07/2023	16:00	148.9	23	NW	0	0.0 in	Cloudy / Windy	150
12/07/2023	17:00	15.9	10	NW	0	0.0 in	Light Rain	150
12/07/2023	18:00	5.9	13	WNW	24	0.0 in	Mostly Cloudy	150
12/07/2023	19:00	15.1	25	NW	43	0.0 in	Light Rain / Windy	150
12/07/2023	20:00	1.9	24	NW	33	0.0 in	Partly Cloudy / Windy	150
12/07/2023	21:00	4.9	23	NW	38	0.0 in	Fair / Windy	150
12/07/2023	22:00	3.9	8	WNW	0	0.0 in	Fair	150
12/07/2023	23:00	2.4	6	SSE	0	0.0 in	Fair	150
<b>24-Hour Averages</b>		21.9	10.3					

