

High Wind Dust Alert - 12/23/2023

Credit Union Site, Rapid City, South Dakota

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

Date Issued for: December 23, 2023 5:00 PM MDT

Date and Time Cancelled: December 23, 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
12/23/2023	0:00	10.9	0	CALM	0	0.0 in	Fair	150
12/23/2023	1:00	8.8	0	CALM	0	0.0 in	Fair	150
12/23/2023	2:00	5.6	0	CALM	0	0.0 in	Fair	150
12/23/2023	3:00	18.4	0	CALM	0	0.0 in	Fair	150
12/23/2023	4:00	4.1	0	CALM	0	0.0 in	Fair	150
12/23/2023	5:00	10.2	0	CALM	0	0.0 in	Fair	150
12/23/2023	6:00	10.5	0	CALM	0	0.0 in	Fair	150
12/23/2023	7:00	6.3	0	CALM	0	0.0 in	Fair	150
12/23/2023	8:00	18.1	3	NE	0	0.0 in	Fair	150
12/23/2023	9:00	47.7	0	CALM	0	0.0 in	Fair	150
12/23/2023	10:00	113.3	0	CALM	0	0.0 in	Fair	150
12/23/2023	11:00	67.1	0	CALM	0	0.0 in	Fair	150
12/23/2023	12:00	37.2	12	N	0	0.0 in	Fair	150
12/23/2023	13:00	87.7	14	N	0	0.0 in	Fair	150
12/23/2023	14:00	31.1	14	N	0	0.0 in	Fair	150
12/23/2023	15:00	57.6	25	N	36	0.0 in	Fair / Windy	150
12/23/2023	16:00	147.4	28	NNW	40	0.0 in	Fair / Windy	150
12/23/2023	17:00	28.7	30	NNW	44	0.0 in	Mostly Cloudy / Windy	150
12/23/2023	18:00	37.4	37	NNW	52	0.0 in	Fair / Windy	150
12/23/2023	19:00	37.7	36	NNW	54	0.0 in	Fair / Windy	150
12/23/2023	20:00	26.5	36	NNW	52	0.0 in	Mostly Cloudy / Windy	150
12/23/2023	21:00	37.7	39	NNW	55	0.0 in	Mostly Cloudy / Windy	150
12/23/2023	22:00	22.1	37	NNW	56	0.0 in	Mostly Cloudy / Windy	150
12/23/2023	23:00	51.1	39	NNW	55	0.0 in	Cloudy / Windy	150
24-Hour Averages		38.5	14.6					

