

# High Wind Dust Alert - 2/24/2025

Credit Union Site, Rapid City, South Dakota

Date and Time Issued: February 24, 2025 9:27 AM MDT

Date Issued for: February 24, 2025 9:27 AM MDT

Date and Time Cancelled: February 24, 2025 5:00 PM MDT

Date	Hours	PM10 Concentrations (ug/m3)	Wind Speed (MPH)	Wind Direction	Wind Gust (MPH)	Precipitation (Inches)	Weather Conditions	PM10 Standard
02/24/2025	0:00	4.8	5	NNE	0	0.0 in	Fair	150
02/24/2025	1:00	2.8	0	CALM	0	0.0 in	Fair	150
02/24/2025	2:00	3.4	5	NW	0	0.0 in	Fair	150
02/24/2025	3:00	6.5	6	WNW	0	0.0 in	Fair	150
02/24/2025	4:00	8.5	3	W	0	0.0 in	Fair	150
02/24/2025	5:00	4.4	3	W	0	0.0 in	Cloudy	150
02/24/2025	6:00	0.0	5	W	0	0.0 in	Cloudy	150
02/24/2025	7:00	13.1	3	VAR	0	0.0 in	Fair	150
02/24/2025	8:00	40.1	25	WNW	43	0.0 in	Fair / Windy	150
02/24/2025	9:00	13.6	25	NW	39	0.0 in	Fair / Windy	150
02/24/2025	10:00	32.7	33	WNW	52	0.0 in	Fair / Windy	150
02/24/2025	11:00	33.1	33	NNW	44	0.0 in	Fair / Windy	150
02/24/2025	12:00	19.7	26	NW	39	0.0 in	Mostly Cloudy / Windy	150
02/24/2025	13:00		30	NNW	46	0.0 in	Fair / Windy	150
02/24/2025	14:00	49.7	30	NNW	41	0.0 in	Fair / Windy	150
02/24/2025	15:00	52.6	29	N	38	0.0 in	Fair / Windy	150
02/24/2025	16:00	66.7	18	N	0	0.0 in	Fair	150
02/24/2025	17:00	25.5	14	N	0	0.0 in	Fair	150
02/24/2025	18:00	36.3	13	N	0	0.0 in	Fair	150
02/24/2025	19:00	32.4	13	NNW	0	0.0 in	Fair	150
02/24/2025	20:00	27.8	3	S	0	0.0 in	Fair	150
02/24/2025	21:00	12.0	6	WSW	0	0.0 in	Fair	150
02/24/2025	22:00	15.7	12	S	0	0.0 in	Fair	150
02/24/2025	23:00	6.0	9	S	0	0.0 in	Fair	150
<b>24-Hour Averages</b>		22.1	14.5					

