

High Wind Dust Alert - 1/17/2025

Credit Union Site, Rapid City, South Dakota

Date and Time Issued: January 17, 2025 2:08 AM MDT

Date Issued for: January 17, 2025 8:00 AM MDT

Date and Time Cancelled: January 17, 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
01/17/2025	0:00	3.5	3	W	0	0.0 in	Fair	150
01/17/2025	1:00	57.0	13	N	0	0.0 in	Fair	150
01/17/2025	2:00	111.0	9	N	0	0.0 in	Mostly Cloudy	150
01/17/2025	3:00	196.6	12	NNW	0	0.0 in	Cloudy	150
01/17/2025	4:00	178.8	15	NNW	0	0.0 in	Mostly Cloudy	150
01/17/2025	5:00	62.3	35	NNW	49	0.0 in	Cloudy / Windy	150
01/17/2025	6:00	137.2	28	NNW	40	0.0 in	Cloudy / Windy	150
01/17/2025	7:00	59.0	31	NNW	43	0.0 in	Cloudy / Windy	150
01/17/2025	8:00	49.3	23	WNW	36	0.0 in	Cloudy / Windy	150
01/17/2025	9:00	132.8	32	NNW	46	0.0 in	Cloudy / Windy	150
01/17/2025	10:00	91.4	39	WNW	47	0.0 in	Cloudy / Windy	150
01/17/2025	11:00	422.4	39	NW	58	0.0 in	Cloudy / Windy	150
01/17/2025	12:00	105.6	30	NNW	45	0.0 in	Cloudy / Windy	150
01/17/2025	13:00	128.9	29	NNW	43	0.0 in	Unknown Precipitation	150
01/17/2025	14:00	143.2	28	N	35	0.0 in	Mostly Cloudy / Windy	150
01/17/2025	15:00	391.0	25	NNW	41	0.0 in	Cloudy / Windy	150
01/17/2025	16:00	84.7	20	NNW	37	0.0 in	Light Snow	150
01/17/2025	17:00	265.9	26	NNW	39	0.0 in	Light Snow / Windy	150
01/17/2025	18:00	232.6	26	NNW	36	0.0 in	Cloudy / Windy	150
01/17/2025	19:00	339.6	29	N	38	0.0 in	Light Snow / Windy	150
01/17/2025	20:00	264.4	26	N	35	0.0 in	Light Snow / Windy	150
01/17/2025	21:00	271.4	20	N	32	0.0 in	Cloudy	150
01/17/2025	22:00	184.6	29	NNW	39	0.0 in	Cloudy / Windy	150
01/17/2025	23:00	142.9	24	NNW	38	0.0 in	Cloudy / Windy	150
24-Hour Averages		169.0	24.6					

