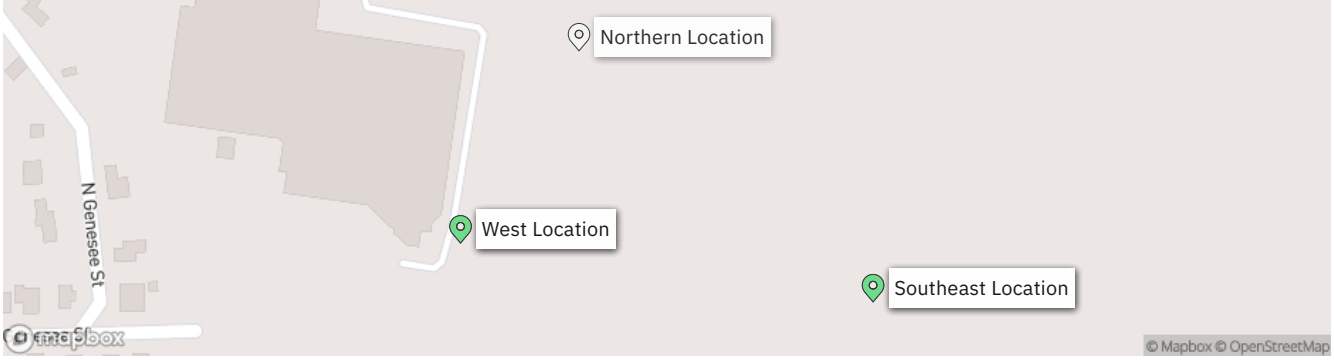
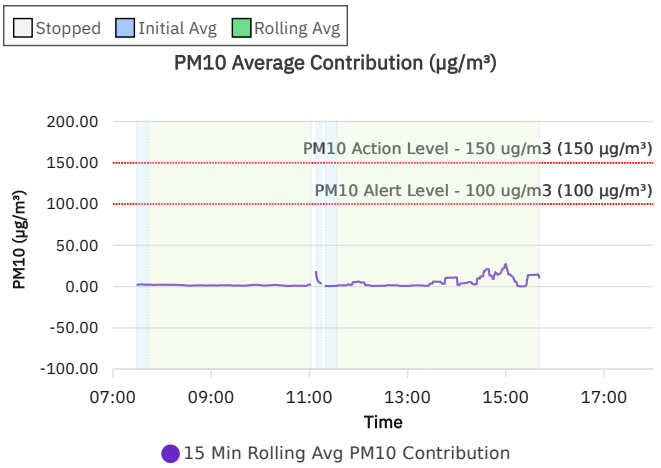
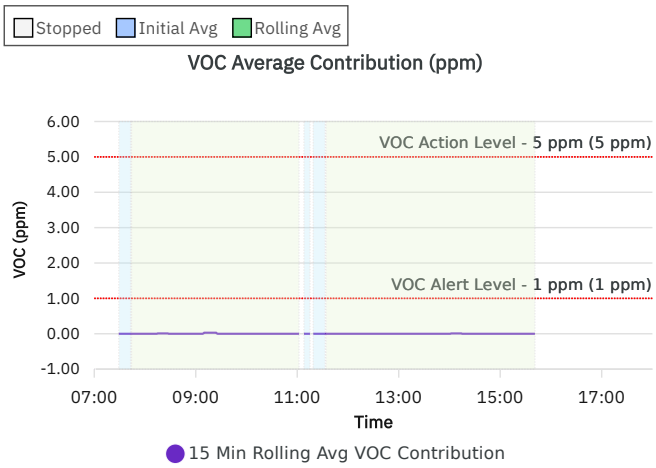
aeroqual	Site Contribution Report	Wyoming County - DEC Site Number V00189	
		Report Period	
		From:	08/29/2025 07:00
		To:	08/29/2025 18:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
08/29/2025	51.6 - 62.4	60.8 - 94.4	30.2 - 30.2	0.8 - 10.8	WNW

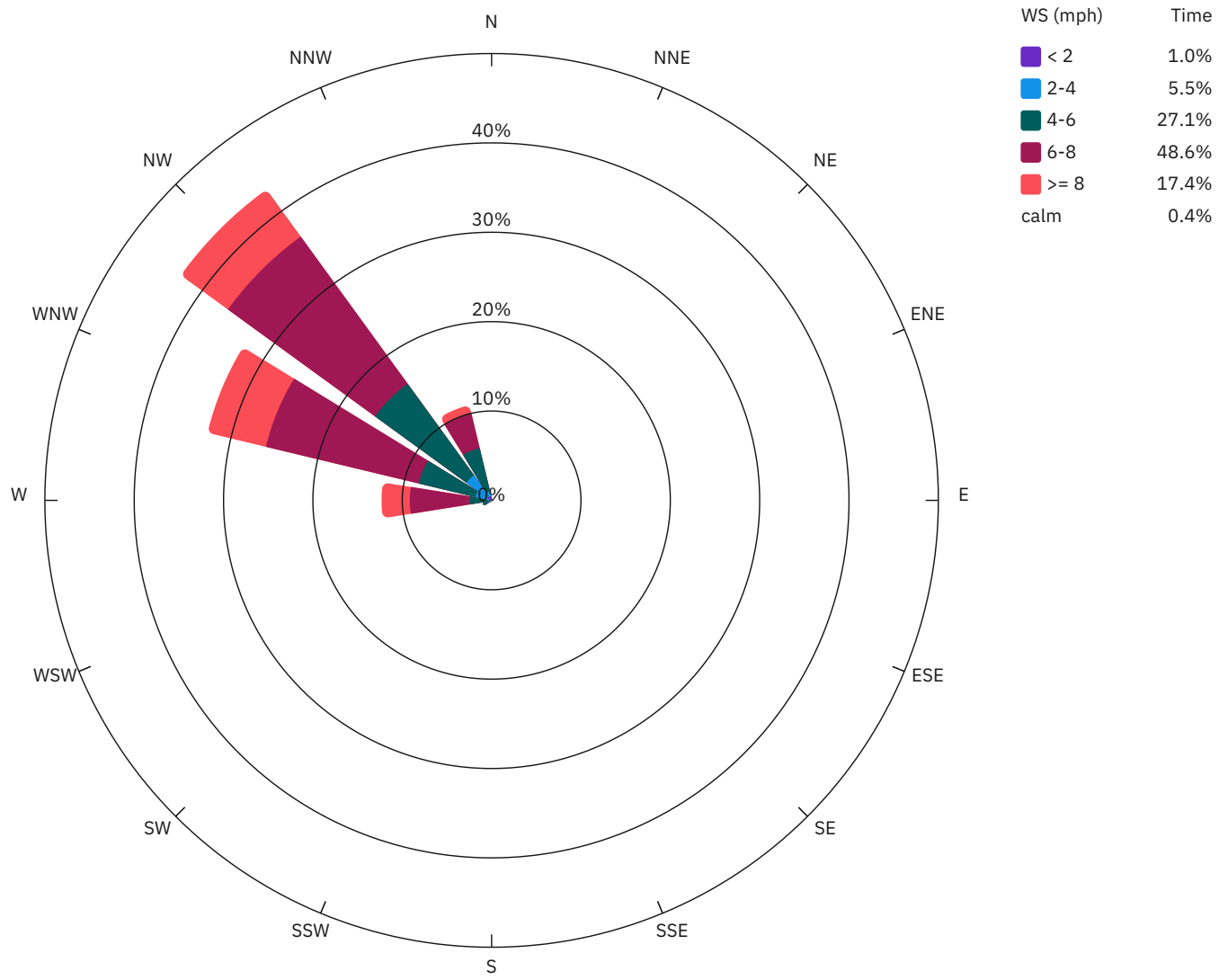
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 8/29/2025	0.83	11:30	0.00	07:30
Max Contribution (15 min avg.) - 8/29/2025	27.07	15:00	0.03	09:15
Daily Avg. Contribution (15 min avg.) - 8/29/2025	3.95	-	0.00	-



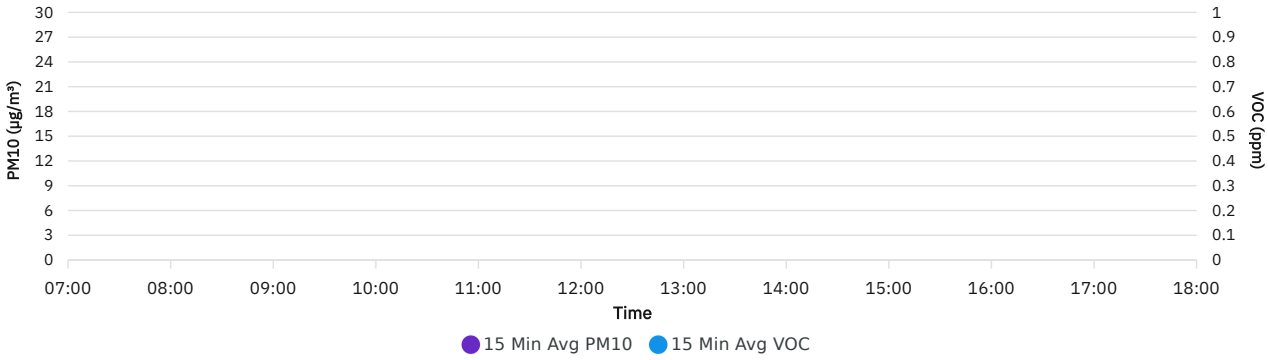




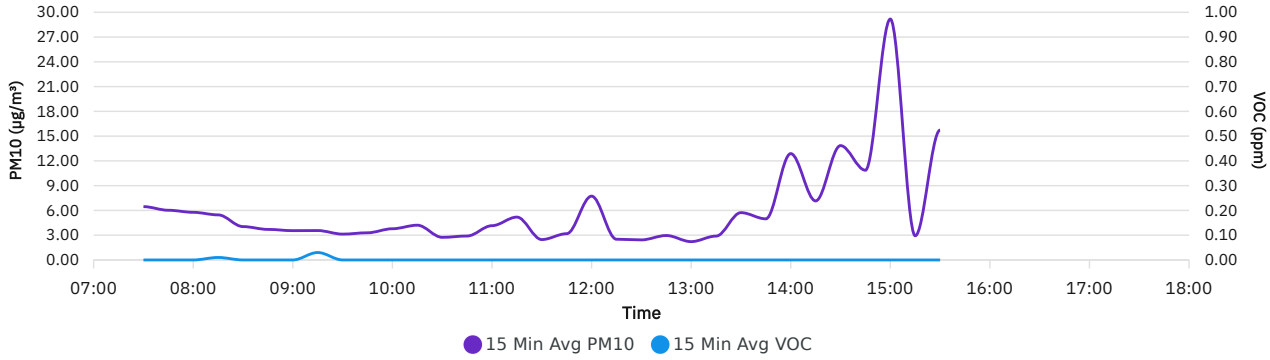
Wind rose (mph)



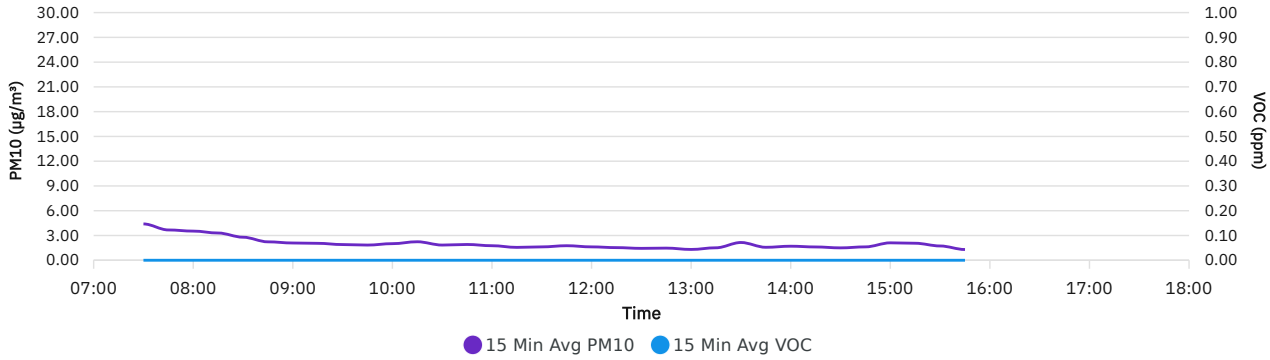
Northern Location



Southeast Location



West Location



DER-10 Summary: 15 Min Rolling Avg Data

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
8/29/2025 07:30	4.29	6.46	2.17	0.00	0.00	0.00	2.2	WNW
8/29/2025 07:45	3.67	6.02	2.35	0.00	0.00	0.00	2.6	NW
8/29/2025 08:00	3.53	5.77	2.25	0.00	0.00	0.00	4.0	NW
8/29/2025 08:15	3.30	5.46	2.16	0.00	0.01	0.01	5.7	NW
8/29/2025 08:30	2.79	4.04	1.25	0.00	0.00	0.00	5.8	NW
8/29/2025 08:45	2.23	3.70	1.47	0.00	0.00	0.00	6.8	NW
8/29/2025 09:00	2.09	3.55	1.46	0.00	0.00	0.00	7.2	NW
8/29/2025 09:15	2.05	3.56	1.51	0.00	0.03	0.03	6.7	NW
8/29/2025 09:30	1.90	3.13	1.23	0.00	0.00	0.00	6.8	WNW
8/29/2025 09:45	1.84	3.29	1.45	0.00	0.00	0.00	7.2	NW
8/29/2025 10:00	2.01	3.78	1.77	0.00	0.00	0.00	7.0	NW
8/29/2025 10:15	2.24	4.21	1.97	0.00	0.00	0.00	7.4	NW
8/29/2025 10:30	1.84	2.74	0.90	0.00	0.00	0.00	6.3	WNW
8/29/2025 10:45	1.91	2.90	0.99	0.00	0.00	0.00	6.3	WNW
8/29/2025 11:00	1.76	4.15	2.39	0.00	0.00	0.00	6.7	NW
8/29/2025 11:15	1.64	5.32	3.69	0.00	0.00	0.00	5.1	NW
8/29/2025 11:30	1.64	2.47	0.83	0.00	0.00	0.00	6.2	WNW
8/29/2025 11:45	1.76	3.18	1.42	0.00	0.00	0.00	6.4	WNW
8/29/2025 12:00	1.62	7.73	6.11	0.00	0.00	0.00	7.4	WNW
8/29/2025 12:15	1.53	2.51	0.98	0.00	0.00	0.00	6.3	NW
8/29/2025 12:30	1.44	2.43	0.99	0.00	0.00	0.00	5.8	NW
8/29/2025 12:45	1.47	2.96	1.49	0.00	0.00	0.00	6.8	NW
8/29/2025 13:00	1.31	2.22	0.90	0.00	0.00	0.00	6.1	WNW
8/29/2025 13:15	1.51	2.89	1.38	0.00	0.00	0.00	7.4	WNW
8/29/2025 13:30	2.15	5.73	3.57	0.00	0.00	0.00	5.7	NW
8/29/2025 13:45	1.57	4.98	3.41	0.00	0.00	0.00	6.8	NW
8/29/2025 14:00	1.70	12.88	11.18	0.00	0.00	0.00	7.1	WNW
8/29/2025 14:15	1.61	7.15	5.53	0.00	0.00	0.00	6.6	W
8/29/2025 14:30	1.50	13.85	12.35	0.00	0.00	0.00	6.1	NW
8/29/2025 14:45	1.62	10.87	9.25	0.00	0.00	0.00	7.2	WNW
8/29/2025 15:00	2.11	29.18	27.07	0.00	0.00	0.00	6.3	NW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
8/29/2025 15:15	2.06	2.93	0.87	0.00	0.00	0.00	6.6	NNW
8/29/2025 15:30	1.73	15.73	14.00	0.00	0.00	0.00	6.9	WNW
8/29/2025 15:45							7.3	WNW

Air Monitoring Data by Location: 15 Min Avg Data

Date/Time	Northern Location PM10 (µg/m³)	Northern Location VOC (ppm)	Southeast Location PM10 (µg/m³)	Southeast Location VOC (ppm)	West Location PM10 (µg/m³)	West Location VOC (ppm)	Wind Direction	Wind Speed	Upwind	Downwind
08/29/2025 07:30			6.46	0.00	4.40	0.00	WNW	2.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 07:45			6.02	0.00	3.67	0.00	NW	2.6	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 08:00			5.77	0.00	3.53	0.00	NW	4.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 08:15			5.46	0.01	3.30	0.00	NW	5.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 08:30			4.04	0.00	2.79	0.00	NW	5.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 08:45			3.70	0.00	2.23	0.00	NW	6.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 09:00			3.55	0.00	2.09	0.00	NW	7.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 09:15			3.56	0.03	2.05	0.00	NW	6.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 09:30			3.13	0.00	1.90	0.00	WNW	6.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 09:45			3.29	0.00	1.84	0.00	NW	7.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 10:00			3.78	0.00	2.01	0.00	NW	7.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 10:15			4.21	0.00	2.24	0.00	NW	7.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 10:30			2.74	0.00	1.84	0.00	WNW	6.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 10:45			2.90	0.00	1.91	0.00	WNW	6.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 11:00			4.15	0.00	1.76	0.00	NW	6.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)

Date/Time	Northern Location PM10 (µg/m³)	Northern Location VOC (ppm)	Southeast Location PM10 (µg/m³)	Southeast Location VOC (ppm)	West Location PM10 (µg/m³)	West Location VOC (ppm)	Wind Direction	Wind Speed	Upwind	Downwind
08/29/2025 11:15			5.19	0.00	1.56	0.00	NW	5.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 11:30			2.47	0.00	1.62	0.00	WNW	6.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 11:45			3.18	0.00	1.76	0.00	WNW	6.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 12:00			7.73	0.00	1.62	0.00	WNW	7.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 12:15			2.51	0.00	1.53	0.00	NW	6.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 12:30			2.43	0.00	1.44	0.00	NW	5.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 12:45			2.96	0.00	1.47	0.00	NW	6.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 13:00			2.22	0.00	1.31	0.00	WNW	6.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 13:15			2.89	0.00	1.51	0.00	WNW	7.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 13:30			5.73	0.00	2.15	0.00	NW	5.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 13:45			4.98	0.00	1.57	0.00	NW	6.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 14:00			12.88	0.00	1.70	0.00	WNW	7.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 14:15			7.15	0.00	1.61	0.00	W	6.6	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 14:30			13.85	0.00	1.50	0.00	NW	6.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 14:45			10.87	0.00	1.62	0.00	WNW	7.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 15:00			29.18	0.00	2.11	0.00	NW	6.3	West Location	Southeast Location (PM10; VOC)

Date/Time	Northern Location PM10 (µg/m³)	Northern Location VOC (ppm)	Southeast Location PM10 (µg/m³)	Southeast Location VOC (ppm)	West Location PM10 (µg/m³)	West Location VOC (ppm)	Wind Direction	Wind Speed	Upwind	Downwind
									(PM10; VOC)	
08/29/2025 15:15			2.93	0.00	2.06	0.00	NNW	6.6	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 15:30			15.73	0.00	1.73	0.00	WNW	6.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/29/2025 15:45					1.30	0.00	WNW	7.3		