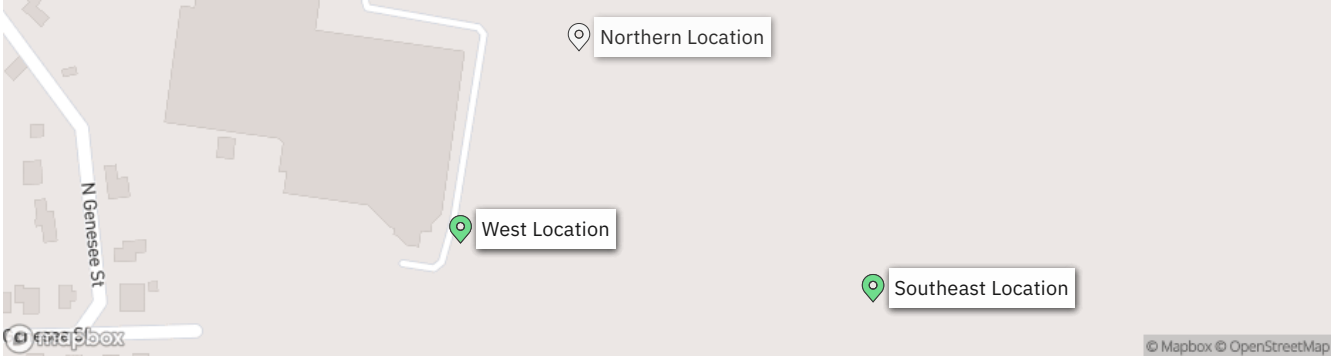
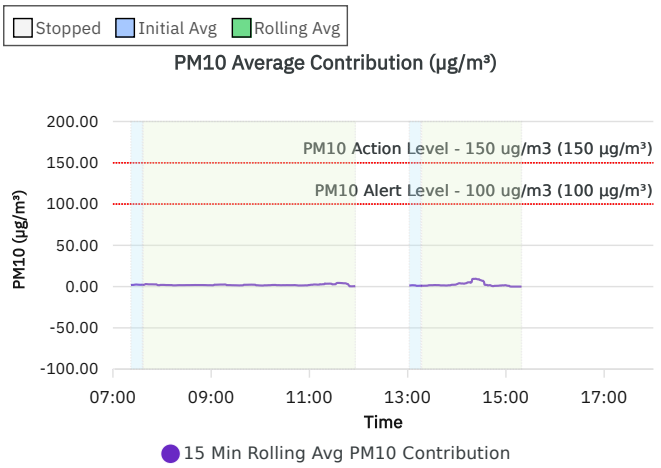
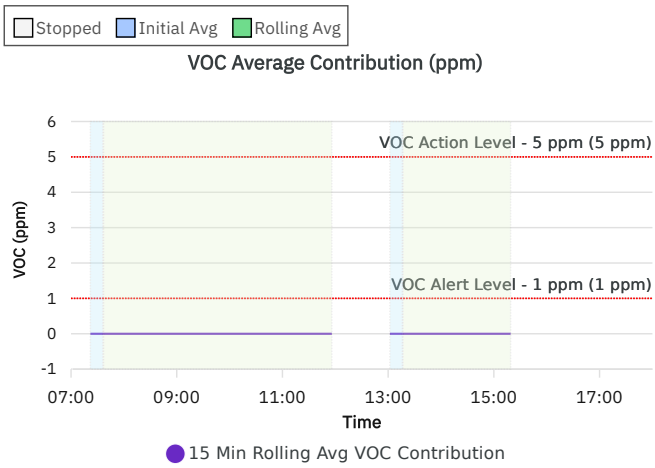
aeroqual	Site Contribution Report	Wyoming County - DEC Site Number V00189	
		Report Period	
		From:	08/27/2025 07:00
		To:	08/27/2025 18:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
08/27/2025	49.1 - 69.8	49.9 - 90.9	30.2 - 30.3	2.0 - 11.3	WNW

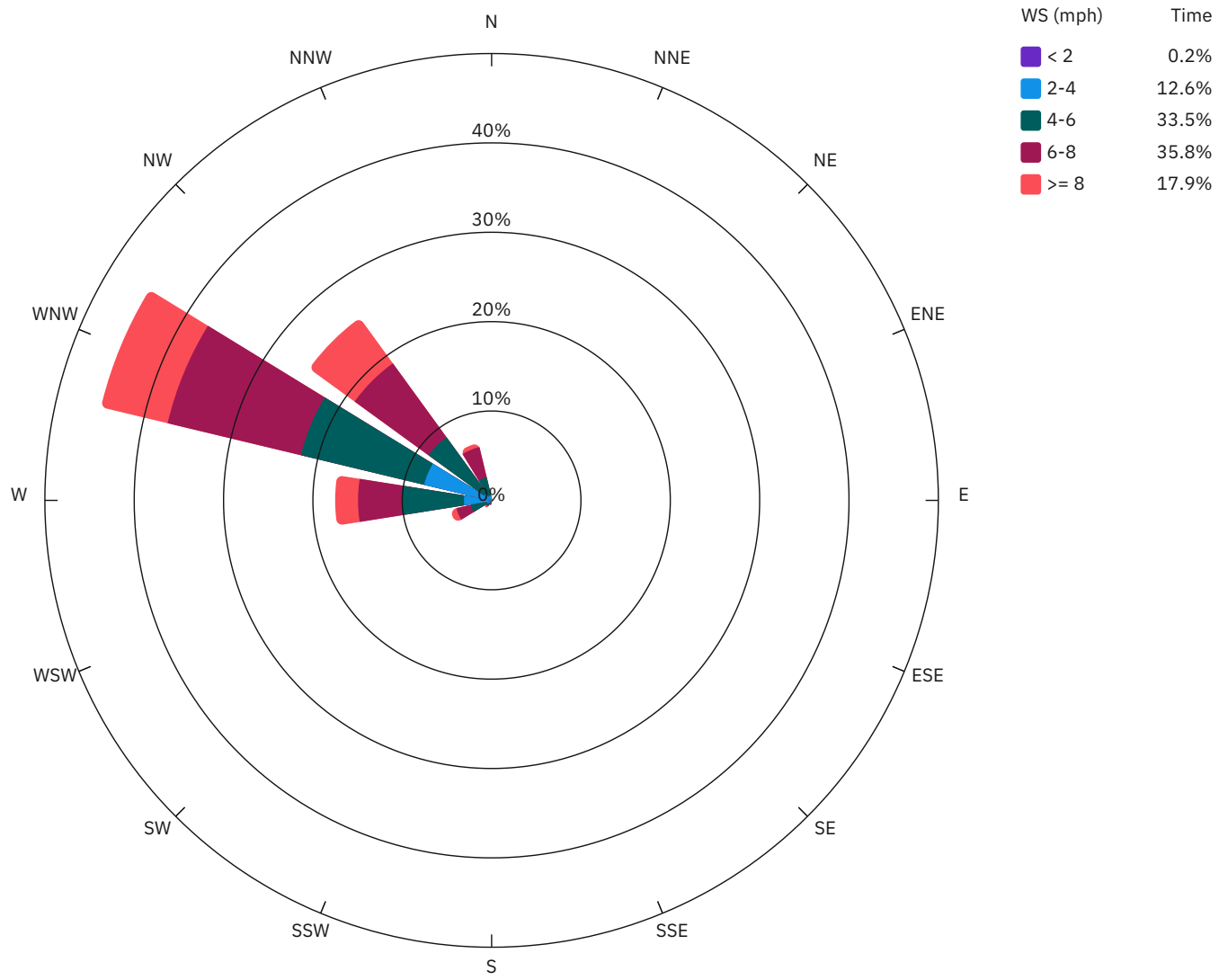
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 8/27/2025	0.00	15:15	0.00	07:30
Max Contribution (15 min avg.) - 8/27/2025	7.48	14:30	0.00	07:30
Daily Avg. Contribution (15 min avg.) - 8/27/2025	2.23	-	0.00	-



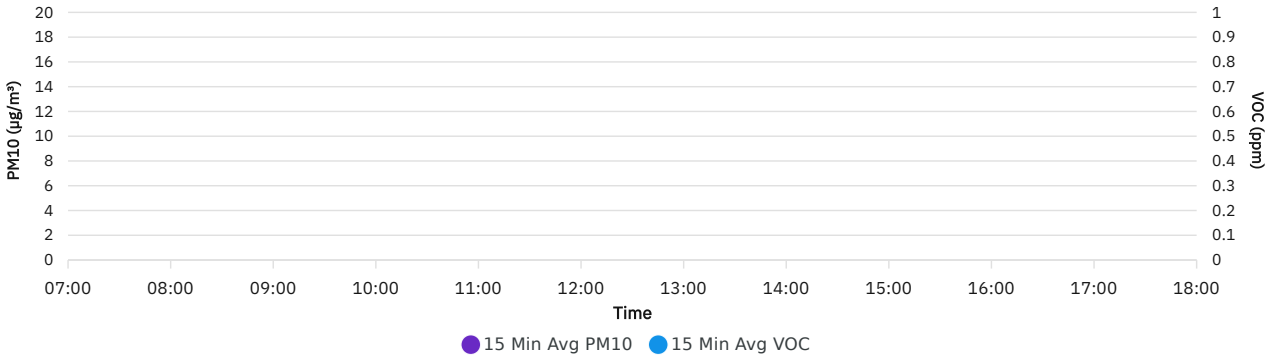




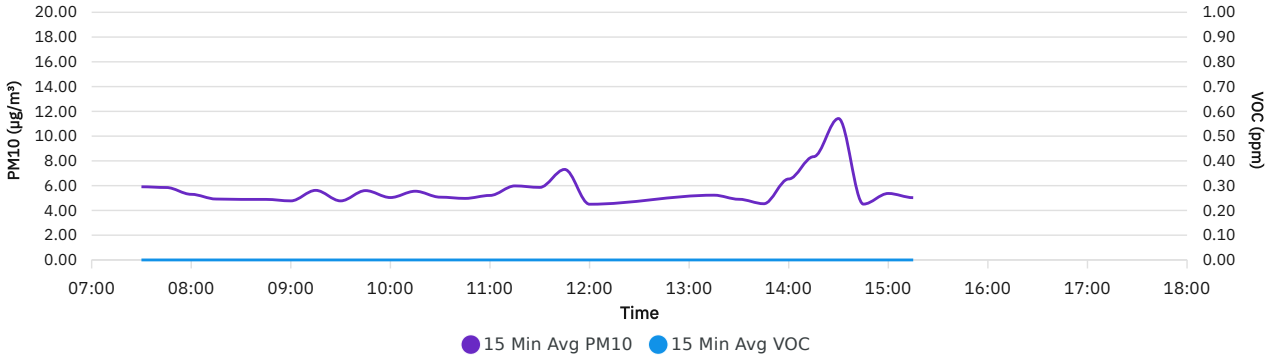
Wind rose (mph)



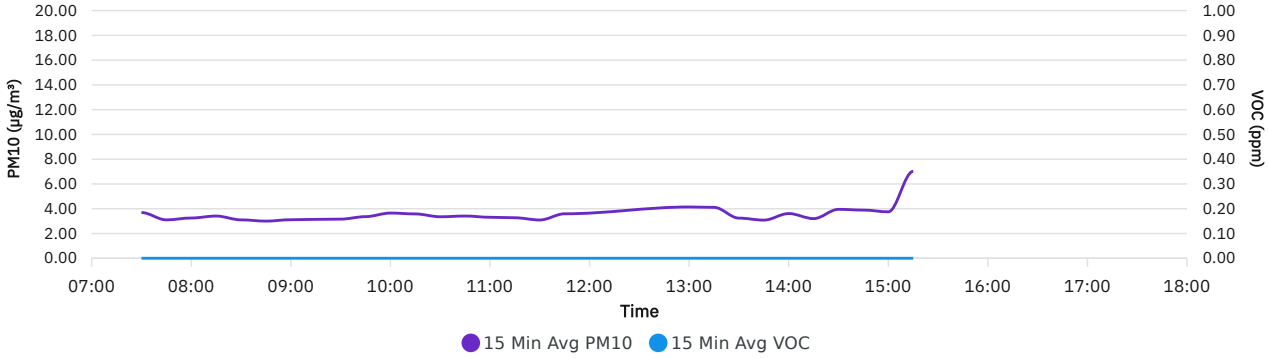
Northern Location



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
8/27/2025 07:30	3.52	5.91	2.39	0.00	0.00	0.00	3.2	WNW
8/27/2025 07:45	3.10	5.85	2.75	0.00	0.00	0.00	4.4	WNW
8/27/2025 08:00	3.25	5.30	2.05	0.00	0.00	0.00	4.3	WNW
8/27/2025 08:15	3.41	4.92	1.51	0.00	0.00	0.00	4.9	WNW
8/27/2025 08:30	3.10	4.89	1.79	0.00	0.00	0.00	4.6	WNW
8/27/2025 08:45	3.00	4.89	1.88	0.00	0.00	0.00	4.7	WNW
8/27/2025 09:00	3.11	4.77	1.66	0.00	0.00	0.00	4.7	WNW
8/27/2025 09:15	3.14	5.62	2.48	0.00	0.00	0.00	4.5	WNW
8/27/2025 09:30	3.16	4.77	1.61	0.00	0.00	0.00	5.3	W
8/27/2025 09:45	3.36	5.60	2.24	0.00	0.00	0.00	6.7	NW
8/27/2025 10:00	3.65	5.04	1.39	0.00	0.00	0.00	6.9	NW
8/27/2025 10:15	3.58	5.55	1.97	0.00	0.00	0.00	7.3	NW
8/27/2025 10:30	3.35	5.07	1.71	0.00	0.00	0.00	7.5	WNW
8/27/2025 10:45	3.41	4.97	1.56	0.00	0.00	0.00	8.4	WNW
8/27/2025 11:00	3.31	5.21	1.91	0.00	0.00	0.00	7.2	NW
8/27/2025 11:15	3.27	5.98	2.71	0.00	0.00	0.00	7.2	NW
8/27/2025 11:30	3.09	5.86	2.77	0.00	0.00	0.00	6.0	NW
8/27/2025 11:45	3.59	7.31	3.72	0.00	0.00	0.00	6.8	NW
8/27/2025 12:00							6.7	NW
8/27/2025 13:00							4.5	WNW
8/27/2025 13:15	4.16	5.23	1.07	0.00	0.00	0.00	6.4	WNW
8/27/2025 13:30	3.24	4.90	1.65	0.00	0.00	0.00	6.1	NW
8/27/2025 13:45	3.08	4.54	1.46	0.00	0.00	0.00	5.2	WNW
8/27/2025 14:00	3.61	6.54	2.94	0.00	0.00	0.00	4.2	WNW
8/27/2025 14:15	3.20	8.34	5.14	0.00	0.00	0.00	6.3	WNW
8/27/2025 14:30	3.95	11.42	7.48	0.00	0.00	0.00	7.0	WNW
8/27/2025 14:45	3.89	4.51	0.62	0.00	0.00	0.00	6.6	W
8/27/2025 15:00	3.75	5.37	1.62	0.00	0.00	0.00	6.4	WNW
8/27/2025 15:15	7.02	5.03	0.00	0.00	0.00	0.00	6.9	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
08/27/2025 07:30			5.91	0.00	3.69	0.00	WNW	3.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 07:45			5.85	0.00	3.10	0.00	WNW	4.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 08:00			5.30	0.00	3.25	0.00	WNW	4.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 08:15			4.92	0.00	3.41	0.00	WNW	4.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 08:30			4.89	0.00	3.10	0.00	WNW	4.6	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 08:45			4.89	0.00	3.00	0.00	WNW	4.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 09:00			4.77	0.00	3.11	0.00	WNW	4.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 09:15			5.62	0.00	3.14	0.00	WNW	4.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 09:30			4.77	0.00	3.16	0.00	W	5.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 09:45			5.60	0.00	3.36	0.00	NW	6.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 10:00			5.04	0.00	3.65	0.00	NW	6.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 10:15			5.55	0.00	3.58	0.00	NW	7.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 10:30			5.07	0.00	3.35	0.00	WNW	7.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 10:45			4.97	0.00	3.41	0.00	WNW	8.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 11:00			5.21	0.00	3.31	0.00	NW	7.2	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
08/27/2025 11:15			5.98	0.00	3.27	0.00	NW	7.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 11:30			5.86	0.00	3.09	0.00	NW	6.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 11:45			7.31	0.00	3.59	0.00	NW	6.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 12:00			4.50	0.00			NW	6.7		
08/27/2025 13:00					4.14	0.00	WNW	4.5		
08/27/2025 13:15			5.23	0.00	4.11	0.00	WNW	6.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 13:30			4.90	0.00	3.24	0.00	NW	6.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 13:45			4.54	0.00	3.08	0.00	WNW	5.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 14:00			6.54	0.00	3.61	0.00	WNW	4.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 14:15			8.34	0.00	3.20	0.00	WNW	6.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 14:30			11.42	0.00	3.95	0.00	WNW	7.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 14:45			4.51	0.00	3.89	0.00	W	6.6	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 15:00			5.37	0.00	3.75	0.00	WNW	6.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/27/2025 15:15			5.03	0.00	7.02	0.00	WNW	6.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)