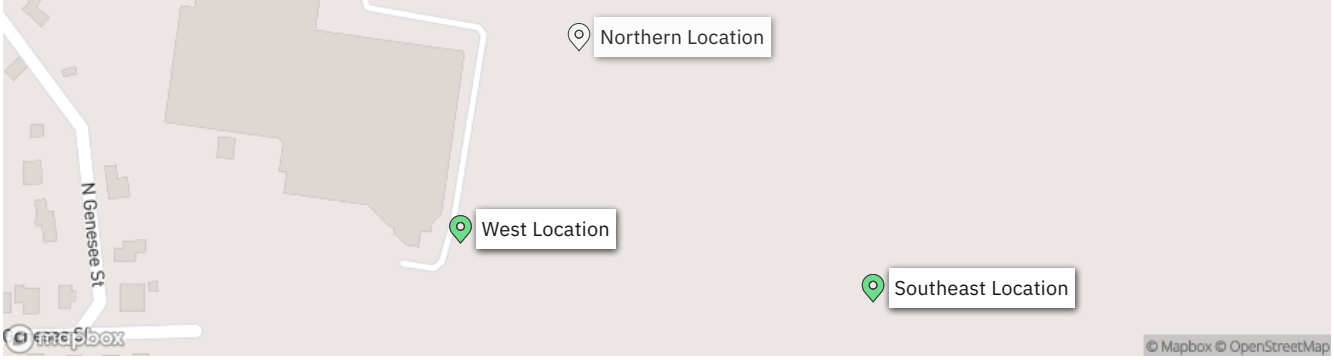
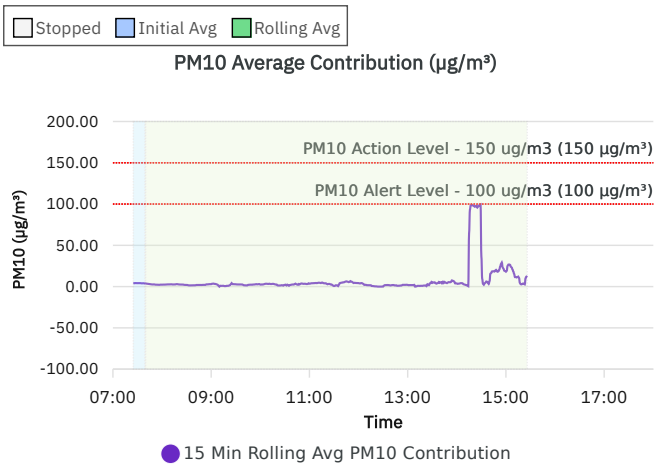
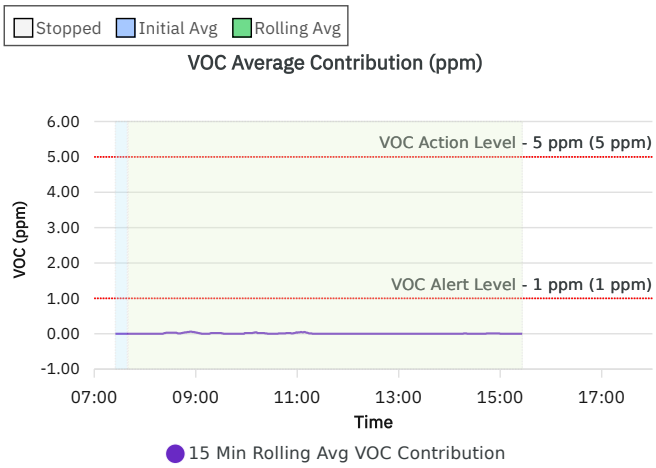
aeroqual	Site Contribution Report	Wyoming County - DEC Site Number V00189	
		Report Period	
		From:	09/03/2025 07:00
		To:	09/03/2025 18:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
09/03/2025	55.0 - 78.1	46.8 - 86.0	29.9 - 30.1	1.5 - 11.5	SSW

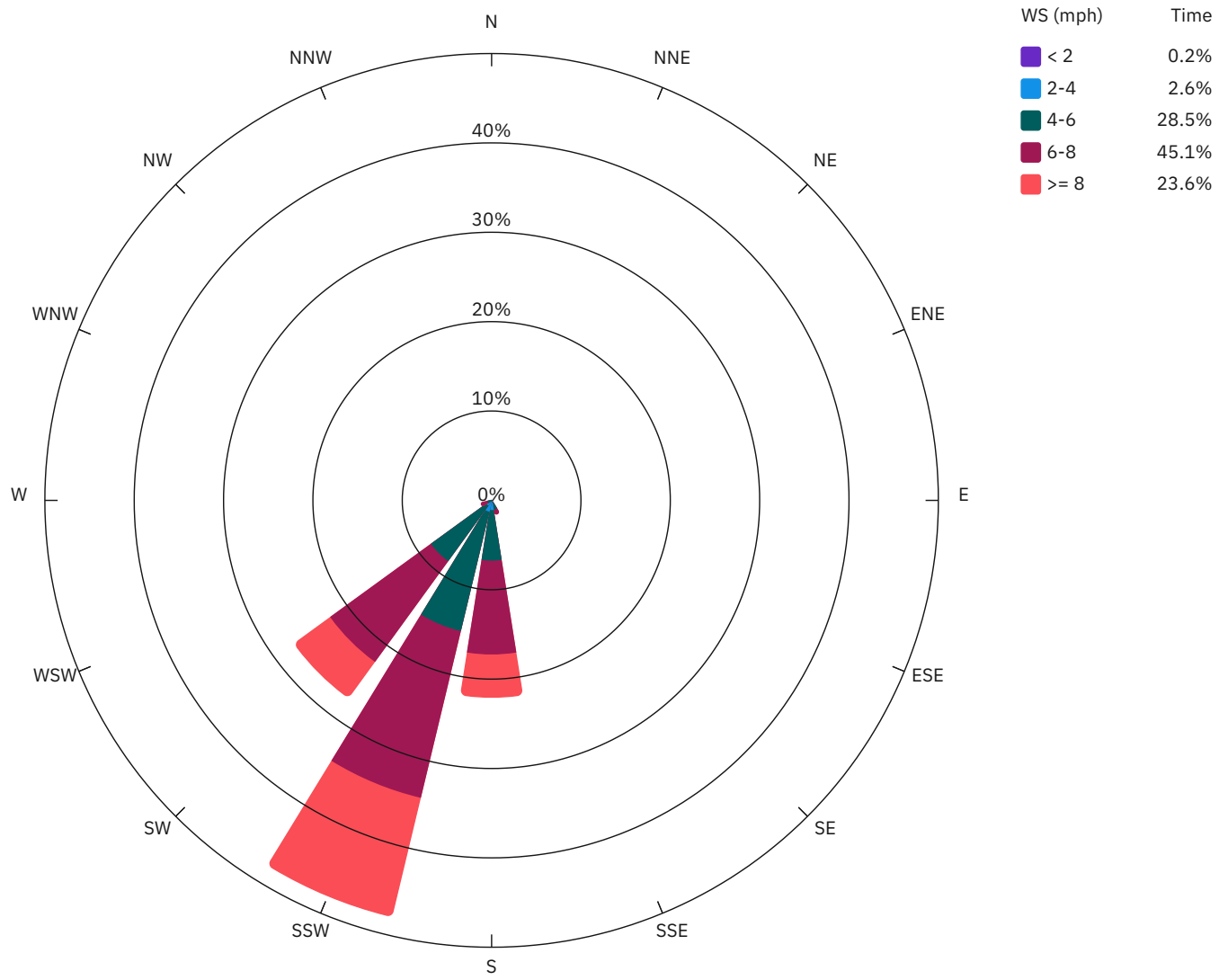
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 9/3/2025	0.07	12:30	0.00	07:30
Max Contribution (15 min avg.) - 9/3/2025	64.60	14:15	0.04	09:00
Daily Avg. Contribution (15 min avg.) - 9/3/2025	7.02	-	0.01	-



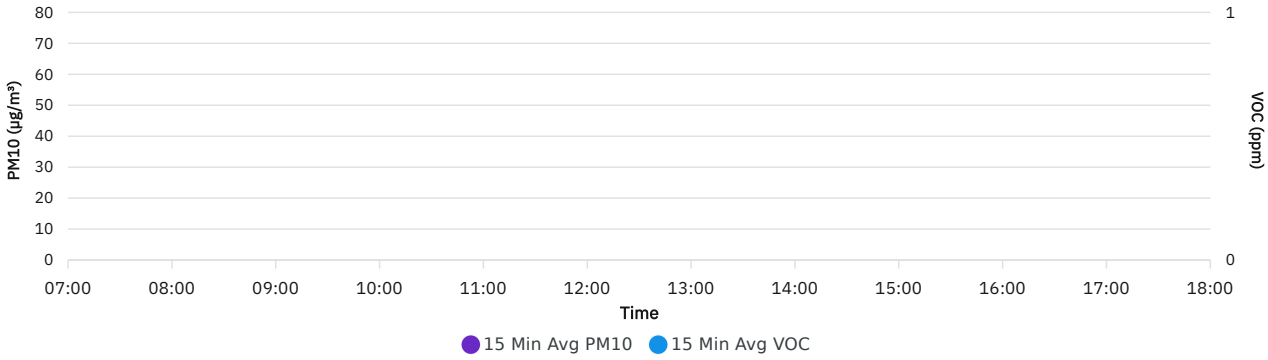




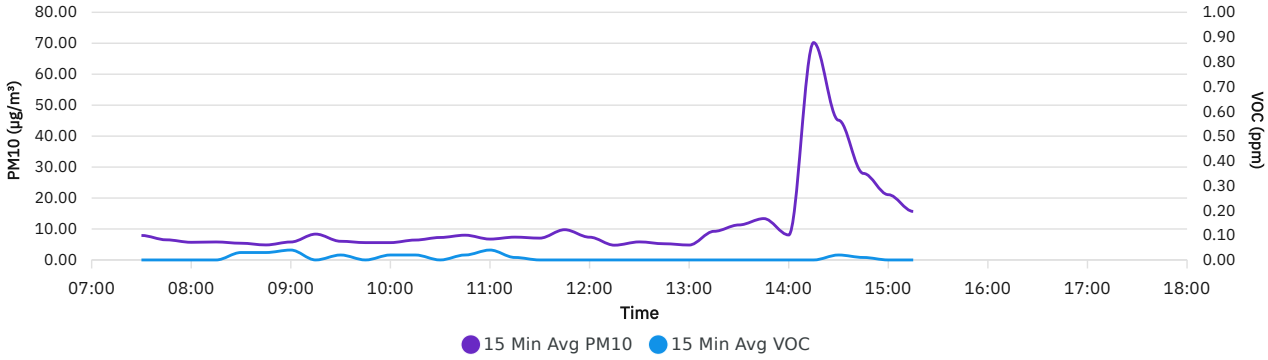
Wind rose (mph)



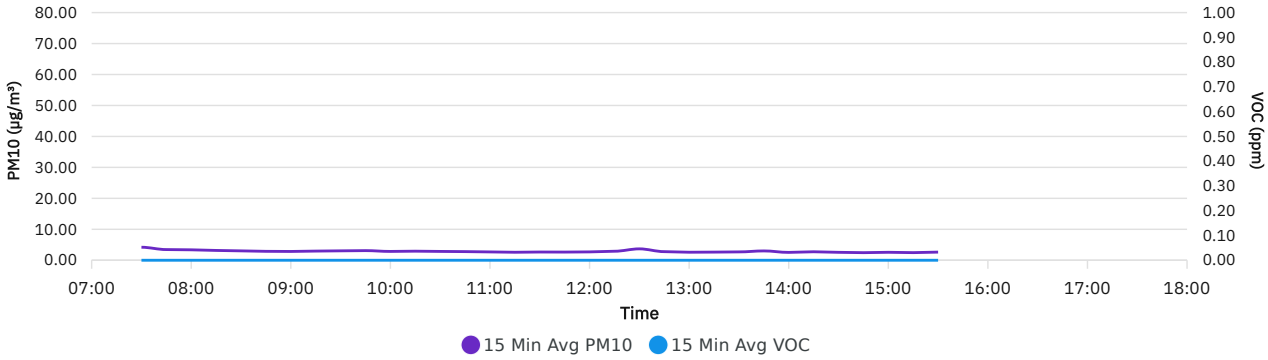
Northern Location



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
9/3/2025 07:30	3.75	7.91	4.16	0.00	0.00	0.00	6.9	SW
9/3/2025 07:45	3.45	6.50	3.04	0.00	0.00	0.00	7.9	SW
9/3/2025 08:00	3.37	5.70	2.32	0.00	0.00	0.00	6.9	SW
9/3/2025 08:15	3.17	5.81	2.64	0.00	0.00	0.00	6.3	SW
9/3/2025 08:30	3.21	5.22	2.01	0.00	0.03	0.03	5.1	SW
9/3/2025 08:45	2.88	4.85	1.97	0.00	0.03	0.03	6.2	SSW
9/3/2025 09:00	2.84	5.80	2.96	0.00	0.04	0.04	5.7	SW
9/3/2025 09:15	5.16	6.15	0.99	0.00	0.00	0.00	5.2	SSW
9/3/2025 09:30	3.12	5.96	2.84	0.00	0.02	0.02	5.7	SSW
9/3/2025 09:45	3.33	5.38	2.06	0.00	0.00	0.00	5.7	SSW
9/3/2025 10:00	3.00	5.45	2.45	0.00	0.02	0.02	6.6	SSW
9/3/2025 10:15	3.01	6.34	3.33	0.00	0.02	0.02	6.9	SSW
9/3/2025 10:30	4.00	6.11	2.11	0.00	0.00	0.00	7.1	SSW
9/3/2025 10:45	4.15	6.63	2.48	0.00	0.02	0.01	7.0	SSW
9/3/2025 11:00	2.95	6.49	3.54	0.00	0.04	0.03	7.7	SSW
9/3/2025 11:15	2.58	7.37	4.80	0.00	0.01	0.01	7.4	SSW
9/3/2025 11:30	4.50	5.21	0.71	0.00	0.00	0.00	6.7	S
9/3/2025 11:45	3.03	9.38	6.34	0.00	0.00	0.00	7.1	SSW
9/3/2025 12:00	2.90	7.15	4.25	0.00	0.00	0.00	8.2	SSW
9/3/2025 12:15	3.01	4.67	1.65	0.00	0.00	0.00	8.6	SSW
9/3/2025 12:30	4.72	4.79	0.07	0.00	0.00	0.00	7.1	SSW
9/3/2025 12:45	3.29	4.71	1.42	0.00	0.00	0.00	7.2	SSW
9/3/2025 13:00	2.68	4.73	2.05	0.00	0.00	0.00	7.2	SSW
9/3/2025 13:15	5.55	6.33	0.79	0.00	0.00	0.00	7.2	SSW
9/3/2025 13:30	4.76	9.24	4.48	0.00	0.00	0.00	5.3	SSW
9/3/2025 13:45	5.36	11.00	5.64	0.00	0.00	0.00	6.1	SSW
9/3/2025 14:00	3.43	7.18	3.76	0.00	0.00	0.00	6.3	SSW
9/3/2025 14:15	4.17	68.77	64.60	0.00	0.00	0.00	6.5	SSW
9/3/2025 14:30	5.56	42.14	36.58	0.01	0.01	0.00	8.2	SSW
9/3/2025 14:45	5.93	24.46	18.53	0.00	0.01	0.01	5.9	S
9/3/2025 15:00	2.79	20.86	18.08	0.00	0.00	0.00	6.9	SSW

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
9/3/2025 15:15	3.02	15.12	12.10	0.00	0.00	0.00	6.9	SSW
9/3/2025 15:30							6.9	SSW

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
09/03/2025 07:30			7.91	0.00	4.20	0.00	SW	6.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 07:45			6.50	0.00	3.45	0.00	SW	7.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 08:00			5.70	0.00	3.37	0.00	SW	6.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 08:15			5.81	0.00	3.17	0.00	SW	6.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 08:30			5.40	0.03	3.03	0.00	SW	5.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 08:45			4.85	0.03	2.88	0.00	SSW	6.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 09:00			5.80	0.04	2.84	0.00	SW	5.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 09:15			8.35	0.00	2.96	0.00	SSW	5.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 09:30			6.03	0.02	3.04	0.00	SSW	5.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 09:45			5.60	0.00	3.11	0.00	SSW	5.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 10:00			5.60	0.02	2.85	0.00	SSW	6.6	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 10:15			6.43	0.02	2.93	0.00	SSW	6.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 10:30			7.26	0.00	2.85	0.00	SSW	7.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 10:45			8.00	0.02	2.79	0.00	SSW	7.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 11:00			6.74	0.04	2.69	0.00	SSW	7.7	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
09/03/2025 11:15			7.37	0.01	2.58	0.00	SSW	7.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 11:30			7.05	0.00	2.66	0.00	S	6.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 11:45			9.77	0.00	2.64	0.00	SSW	7.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 12:00			7.35	0.00	2.70	0.00	SSW	8.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 12:15			4.77	0.00	2.91	0.00	SSW	8.6	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 12:30			5.83	0.00	3.68	0.00	SSW	7.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 12:45			5.23	0.00	2.78	0.00	SSW	7.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 13:00			4.82	0.00	2.59	0.00	SSW	7.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 13:15			9.25	0.00	2.63	0.00	SSW	7.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 13:30			11.31	0.00	2.70	0.00	SSW	5.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 13:45			13.36	0.00	3.01	0.00	SSW	6.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 14:00			8.07	0.00	2.54	0.00	SSW	6.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 14:15			70.21	0.00	2.74	0.00	SSW	6.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 14:30			45.14	0.02	2.56	0.00	SSW	8.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 14:45			27.95	0.01	2.45	0.00	S	5.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 15:00			21.08	0.00	2.57	0.00	SSW	6.9	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)	
09/03/2025 15:15			15.68	0.00	2.46	0.00	SSW	6.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/03/2025 15:30					2.63	0.00	SSW	6.9		