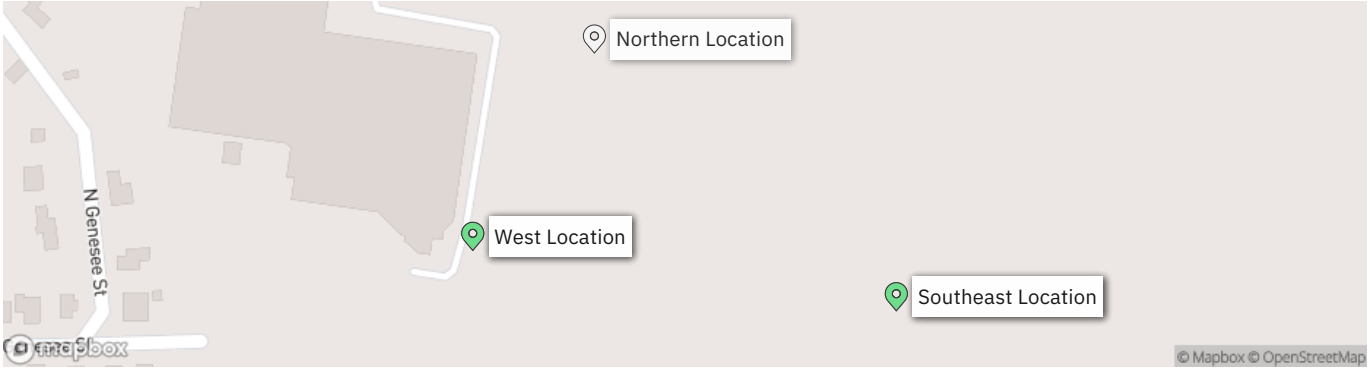
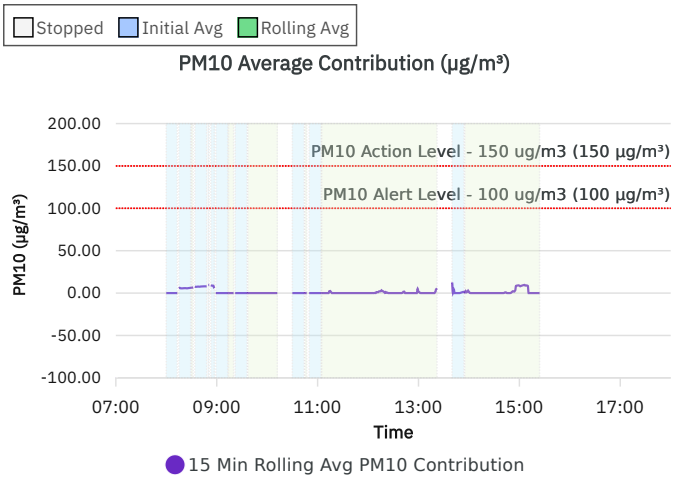
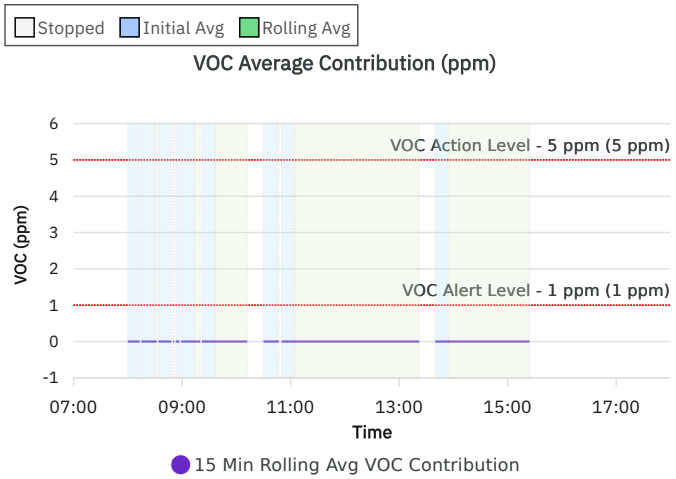
aeroqual	Site Contribution Report	Wyoming County - DEC Site Number V00189	
		Report Period	
		From:	09/11/2025 07:00
		To:	09/11/2025 18:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
09/11/2025	52.5 - 79.2	51.3 - 89.7	30.3 - 30.3	0.6 - 9.8	N

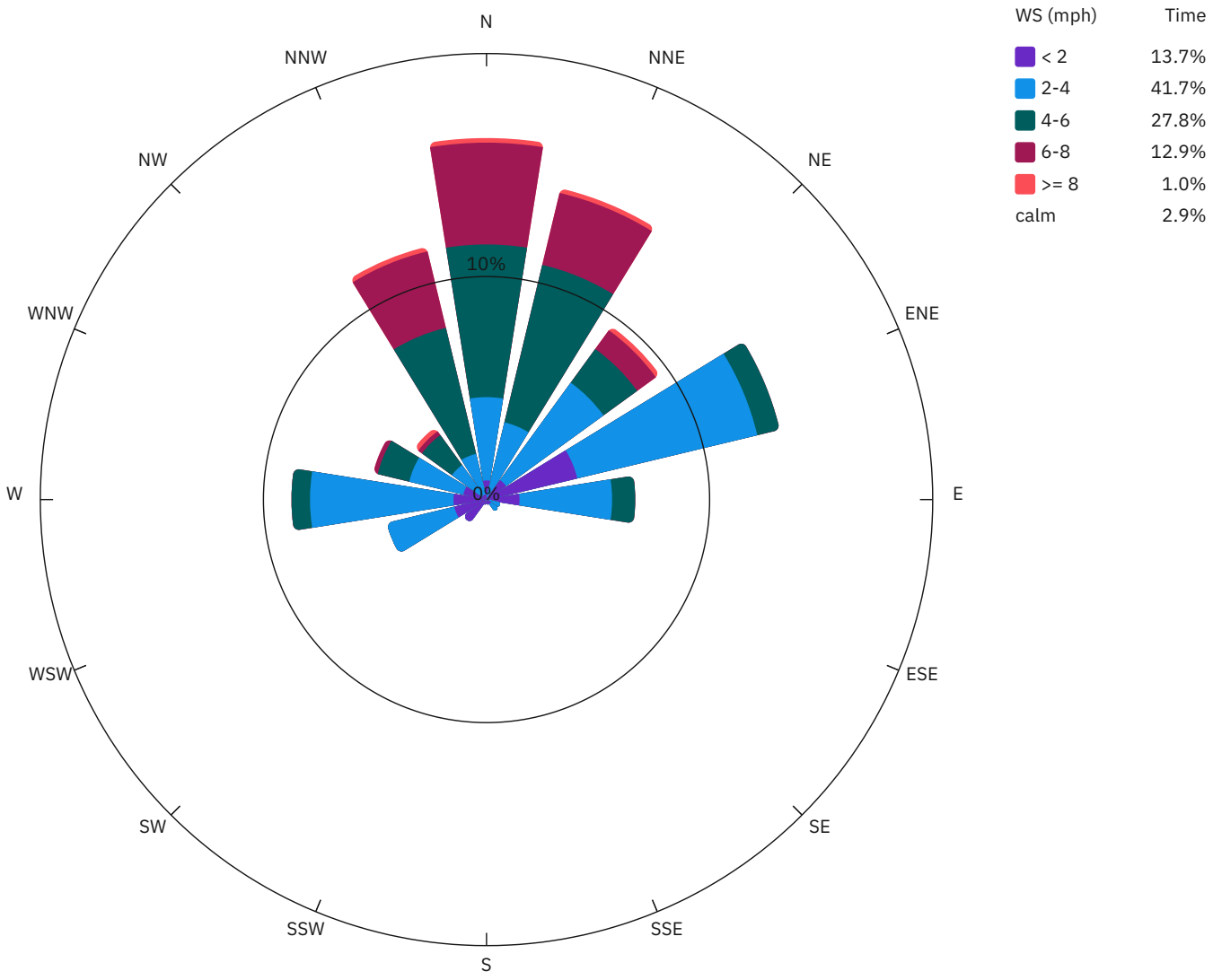
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 9/11/2025	0.00	08:00	0.00	08:00
Max Contribution (15 min avg.) - 9/11/2025	8.80	15:00	0.00	08:00
Daily Avg. Contribution (15 min avg.) - 9/11/2025	1.31	-	0.00	-



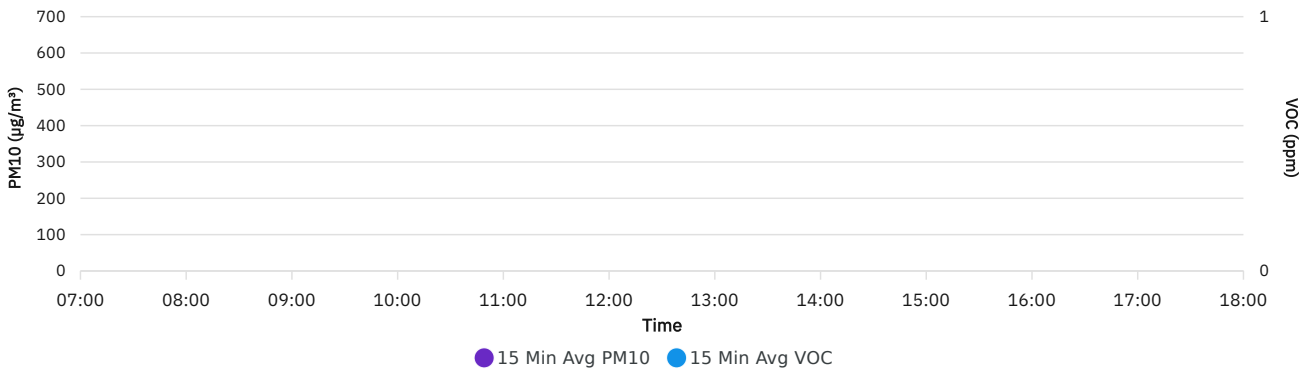




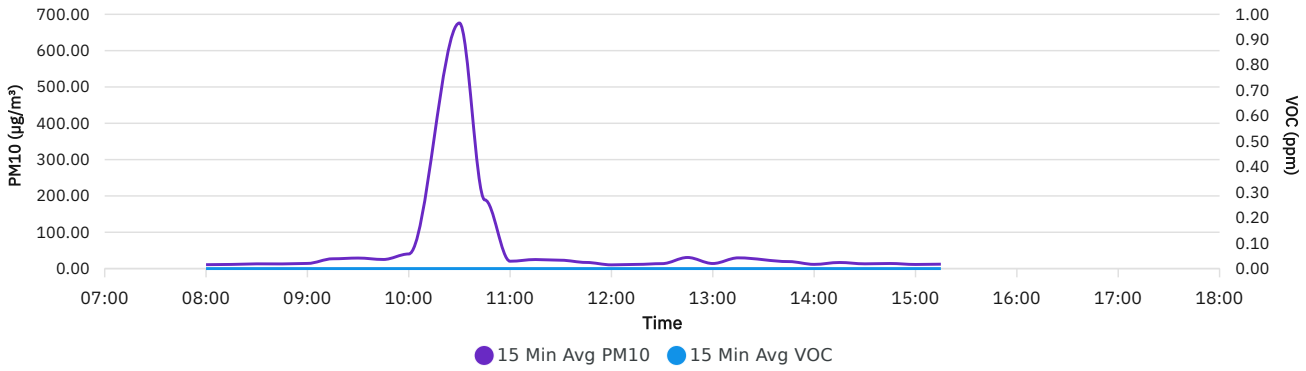
Wind rose (mph)



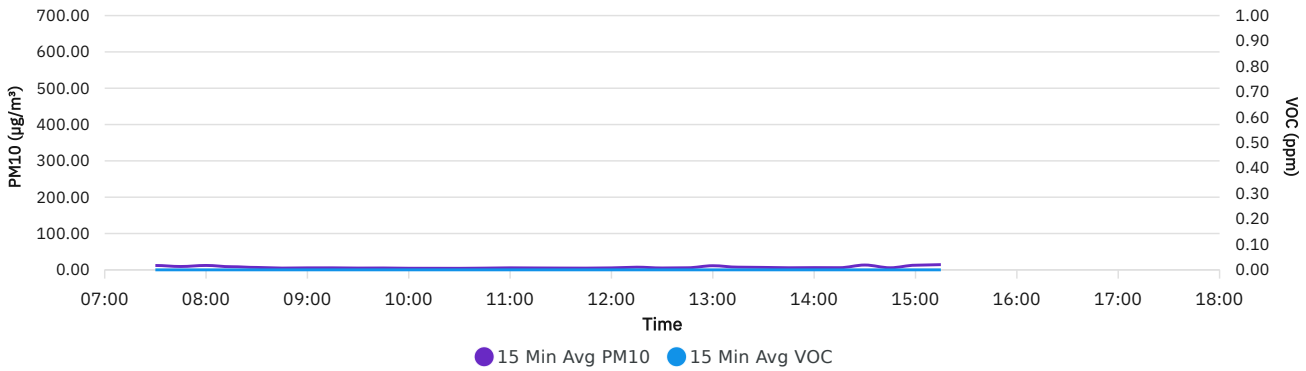
Northern Location



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
9/11/2025 07:30							1.0	SW
9/11/2025 07:45							1.0	SW
9/11/2025 08:00	43.80	10.75	0.00	0.00	0.00	0.00	2.4	WSW
9/11/2025 08:15	6.68	12.32	5.64	0.00	0.00	0.00	3.1	W
9/11/2025 08:30	6.65	13.05	6.40	0.00	0.00	0.00	2.5	W
9/11/2025 08:45	4.88	12.85	7.97	0.00	0.00	0.00	2.1	W
9/11/2025 09:00	15.32	5.70	0.00	0.00	0.00	0.00	1.1	WNW
9/11/2025 09:15	26.98	5.54	0.00	0.00	0.00	0.00	1.7	ENE
9/11/2025 09:30	35.22	4.64	0.00	0.00	0.00	0.00	2.2	ENE
9/11/2025 09:45	25.11	5.13	0.00	0.00	0.00	0.00	2.7	NE
9/11/2025 10:00	40.23	4.41	0.00	0.00	0.00	0.00	2.7	ENE
9/11/2025 10:15							2.7	ENE
9/11/2025 10:30	676.00	4.33	0.00	0.00	0.00	0.00	2.8	ENE
9/11/2025 10:45	189.17	4.77	0.00	0.00	0.00	0.00	3.1	ENE
9/11/2025 11:00	20.98	6.64	0.00	0.00	0.00	0.00	2.8	NE
9/11/2025 11:15	13.82	16.28	2.46	0.00	0.00	0.00	3.8	NNE
9/11/2025 11:30	23.04	4.95	0.00	0.00	0.00	0.00	4.4	NNE
9/11/2025 11:45	12.62	9.08	0.00	0.00	0.00	0.00	5.3	N
9/11/2025 12:00	9.19	6.48	0.00	0.00	0.00	0.00	3.7	N
9/11/2025 12:15	8.37	10.51	2.14	0.00	0.00	0.00	4.6	NNW
9/11/2025 12:30	11.38	7.39	0.00	0.00	0.00	0.00	3.5	NNE
9/11/2025 12:45	21.25	15.06	0.00	0.00	0.00	0.00	5.0	N
9/11/2025 13:00	11.92	13.41	1.49	0.00	0.00	0.00	4.2	NNW
9/11/2025 13:15	23.26	13.67	0.00	0.00	0.00	0.00	4.8	N
9/11/2025 13:30							3.4	N
9/11/2025 13:45	12.72	12.75	0.03	0.00	0.00	0.00	4.7	N
9/11/2025 14:00	8.11	9.64	1.53	0.00	0.00	0.00	3.3	NNW
9/11/2025 14:15	16.36	6.34	0.00	0.00	0.00	0.00	5.4	NNE
9/11/2025 14:30	14.37	12.01	0.00	0.00	0.00	0.00	4.2	NNW
9/11/2025 14:45	9.82	9.91	0.09	0.00	0.00	0.00	4.7	N
9/11/2025 15:00	7.64	16.43	8.80	0.00	0.00	0.00	4.8	NNW

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
9/11/2025 15:15	15.26	11.21	0.00	0.00	0.00	0.00	4.3	N

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
09/11/2025 07:30					12.02	0.00	SW	1.0		
09/11/2025 07:45					9.22	0.00	SW	1.0		
09/11/2025 08:00			10.75	0.00	12.11	0.00	WSW	2.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/11/2025 08:15			11.45	0.00	8.64	0.00	W	3.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/11/2025 08:30			13.05	0.00	6.65	0.00	W	2.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/11/2025 08:45			12.85	0.00	4.87	0.00	W	2.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/11/2025 09:00			14.21	0.00	5.48	0.00	WNW	1.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/11/2025 09:15			26.98	0.00	5.54	0.00	ENE	1.7	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/11/2025 09:30			28.98	0.00	4.91	0.00	ENE	2.2	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/11/2025 09:45			25.11	0.00	5.13	0.00	NE	2.7	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/11/2025 10:00			40.23	0.00	4.41	0.00	ENE	2.7	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/11/2025 10:15					4.35	0.00	ENE	2.7		
09/11/2025 10:30			676.00	0.00	4.24	0.00	ENE	2.8	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/11/2025 10:45			189.17	0.00	4.77	0.00	ENE	3.1	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/11/2025 11:00			20.27	0.00	5.57	0.00	NE	2.8	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/11/2025 11:15			24.90	0.00	5.21	0.00	NNE	3.8	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/11/2025 11:30			23.04	0.00	4.95	0.00	NNE	4.4	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/11/2025 11:45			16.92	0.00	4.78	0.00	N	5.3	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/11/2025 12:00			10.24	0.00	5.43	0.00	N	3.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/11/2025 12:15			11.54	0.00	7.34	0.00	NNW	4.6	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/11/2025 12:30			13.62	0.00	5.16	0.00	NNE	3.5	Southeast Location	West 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)	
09/11/2025 12:45			30.56	0.00	5.74	0.00	N	5.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/11/2025 13:00			13.98	0.00	11.34	0.00	NNW	4.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/11/2025 13:15			29.53	0.00	7.40	0.00	N	4.8	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/11/2025 13:30					6.72	0.00	N	3.4		
09/11/2025 13:45			19.27	0.00	5.74	0.00	N	4.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/11/2025 14:00			11.60	0.00	6.14	0.00	NNW	3.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/11/2025 14:15			16.77	0.00	5.93	0.00	NNE	5.4	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/11/2025 14:30			13.11	0.00	13.27	0.00	NNW	4.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/11/2025 14:45			14.03	0.00	5.70	0.00	N	4.7	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/11/2025 15:00			11.34	0.00	12.73	0.00	NNW	4.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/11/2025 15:15			12.12	0.00	14.34	0.00	N	4.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)