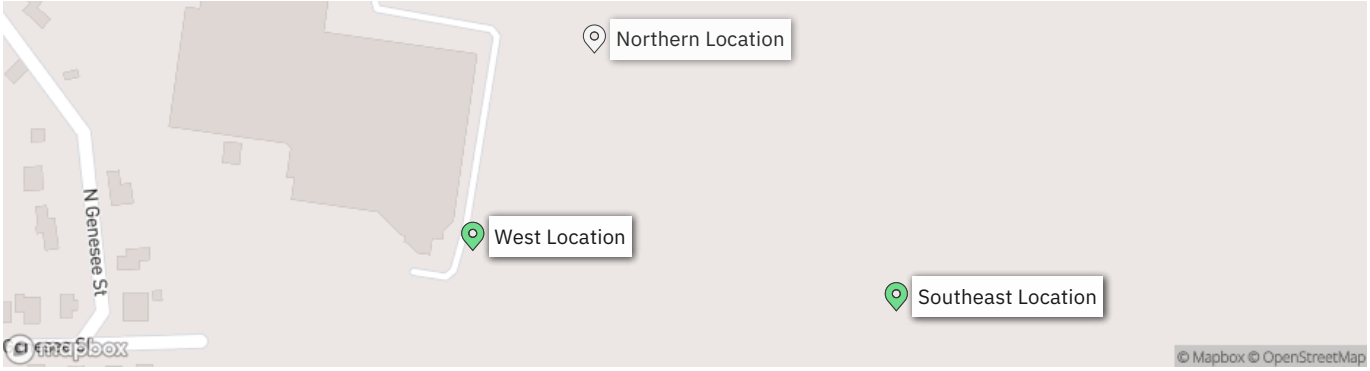
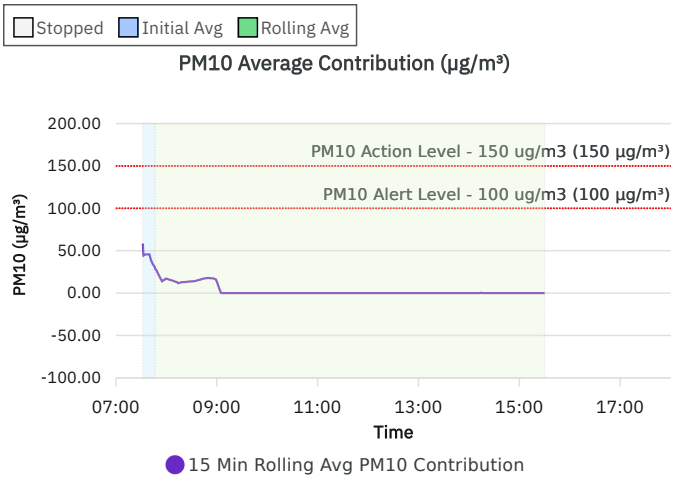
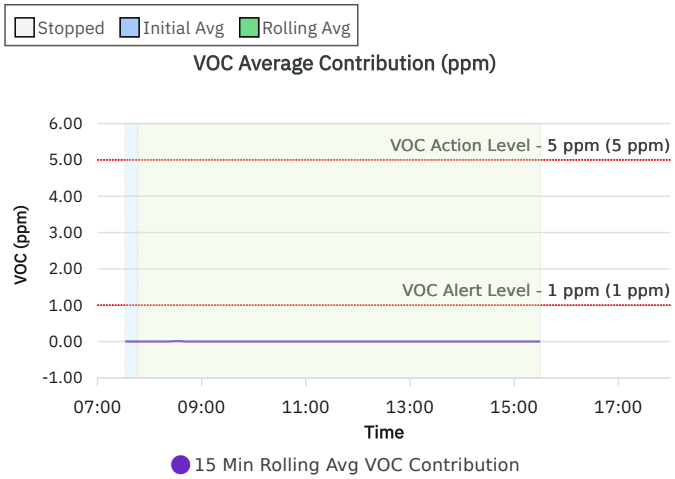
aeroqual	Site Contribution Report	Wyoming County - DEC Site Number V00189	
		Report Period	
		From:	09/24/2025 07:00
		To:	09/24/2025 18:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
09/24/2025	59.2 - 80.2	67.8 - 96.9	30.1 - 30.2	0.5 - 8.1	NE

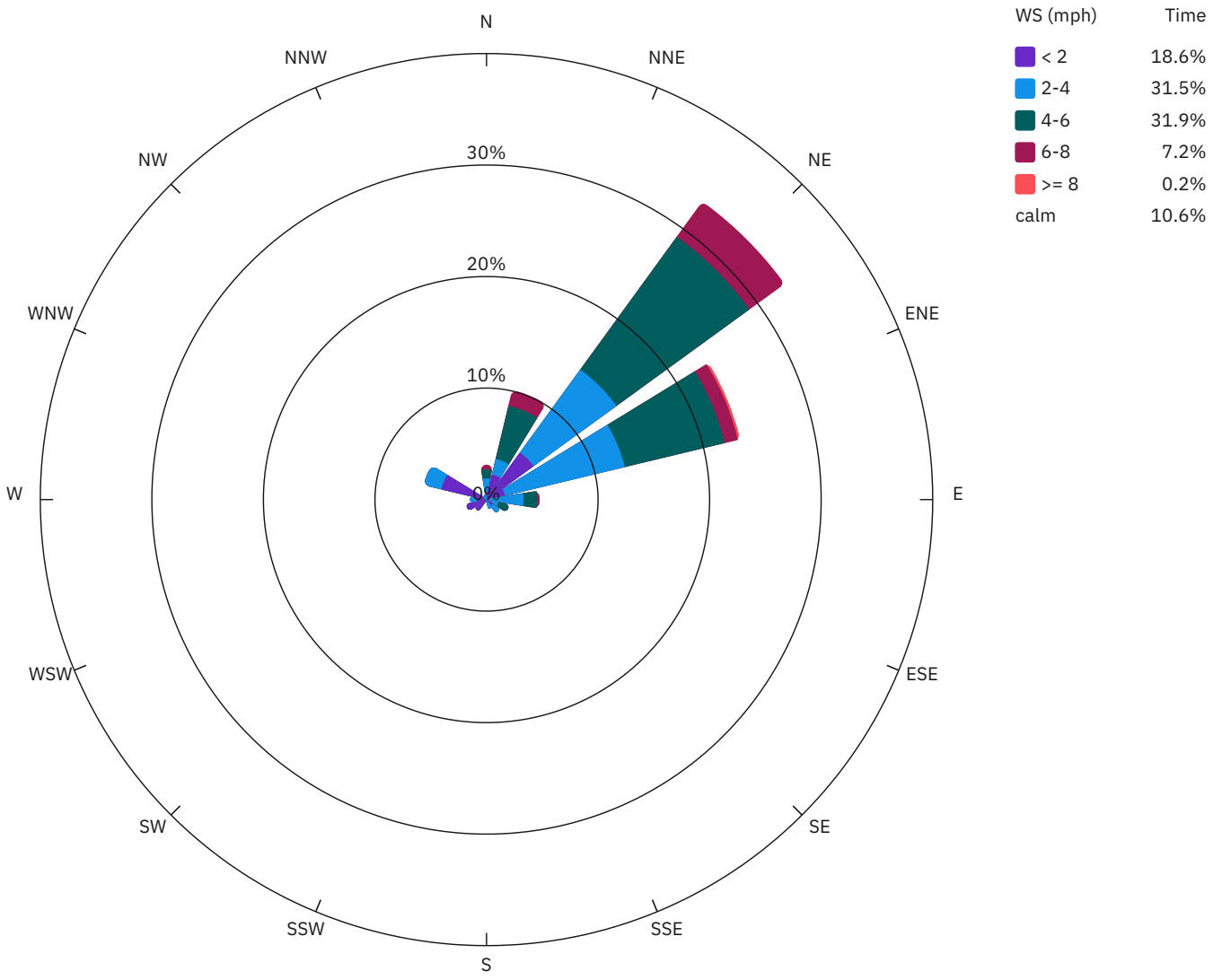
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 9/24/2025	0.00	09:15	0.00	07:45
Max Contribution (15 min avg.) - 9/24/2025	32.59	07:45	0.01	08:30
Daily Avg. Contribution (15 min avg.) - 9/24/2025	3.33	-	0.00	-



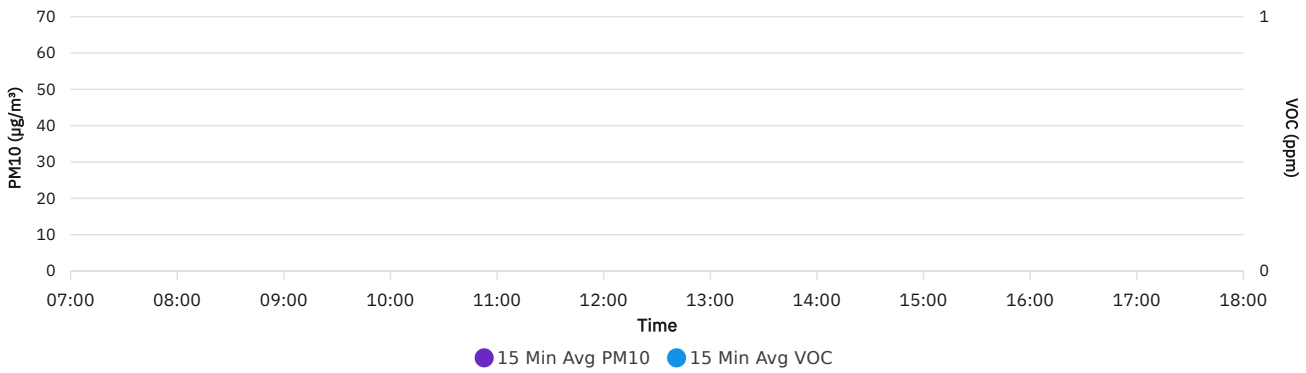




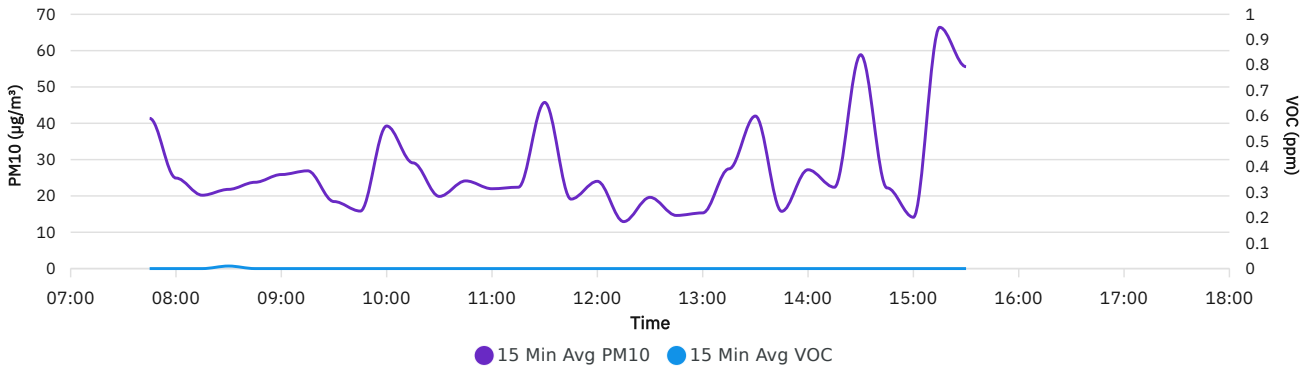
Wind rose (mph)



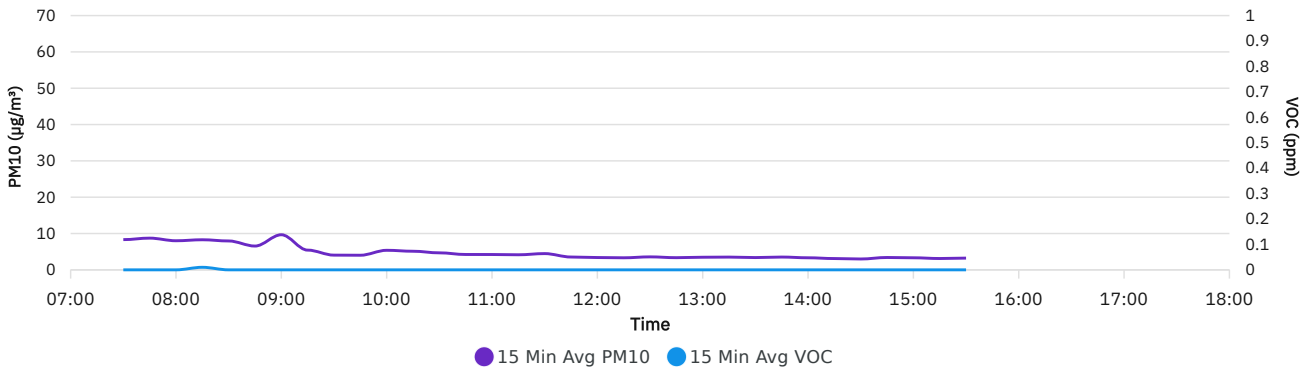
Northern Location



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
9/24/2025 07:30							0.5	WSW
9/24/2025 07:45	8.77	41.36	32.59	0.00	0.00	0.00	0.6	WSW
9/24/2025 08:00	8.01	24.92	16.91	0.00	0.00	0.00	0.8	W
9/24/2025 08:15	8.28	20.20	11.93	0.01	0.00	0.00	1.2	WSW
9/24/2025 08:30	7.95	21.81	13.86	0.00	0.01	0.01	1.3	WNW
9/24/2025 08:45	6.55	23.76	17.21	0.00	0.00	0.00	2.2	WNW
9/24/2025 09:00	10.90	24.65	13.74	0.00	0.00	0.00	1.0	WNW
9/24/2025 09:15	26.91	5.43	0.00	0.00	0.00	0.00	1.5	NE
9/24/2025 09:30	18.45	4.05	0.00	0.00	0.00	0.00	1.6	NE
9/24/2025 09:45	12.20	7.65	0.00	0.00	0.00	0.00	0.6	NE
9/24/2025 10:00	39.25	5.38	0.00	0.00	0.00	0.00	3.3	NE
9/24/2025 10:15	29.10	5.12	0.00	0.00	0.00	0.00	3.4	ENE
9/24/2025 10:30	19.87	4.68	0.00	0.00	0.00	0.00	3.2	ENE
9/24/2025 10:45	24.14	4.23	0.00	0.00	0.00	0.00	3.6	ENE
9/24/2025 11:00	21.98	4.22	0.00	0.00	0.00	0.00	4.0	ENE
9/24/2025 11:15	22.40	4.15	0.00	0.00	0.00	0.00	3.4	ENE
9/24/2025 11:30	44.36	5.84	0.00	0.00	0.00	0.00	1.6	E
9/24/2025 11:45	19.13	3.53	0.00	0.00	0.00	0.00	4.3	ENE
9/24/2025 12:00	24.03	3.39	0.00	0.00	0.00	0.00	3.5	NE
9/24/2025 12:15	12.93	3.32	0.00	0.00	0.00	0.00	3.7	NE
9/24/2025 12:30	19.61	3.57	0.00	0.00	0.00	0.00	3.6	ENE
9/24/2025 12:45	13.03	4.95	0.00	0.00	0.00	0.00	3.9	NE
9/24/2025 13:00	13.13	5.67	0.00	0.00	0.00	0.00	4.2	NNE
9/24/2025 13:15	26.72	4.25	0.00	0.00	0.00	0.00	3.9	NE
9/24/2025 13:30	41.99	3.38	0.00	0.00	0.00	0.00	3.8	NE
9/24/2025 13:45	15.76	3.52	0.00	0.00	0.00	0.00	4.3	NE
9/24/2025 14:00	27.21	3.32	0.00	0.00	0.00	0.00	4.6	ENE
9/24/2025 14:15	12.64	12.86	0.22	0.00	0.00	0.00	2.7	NE
9/24/2025 14:30	58.87	2.99	0.00	0.00	0.00	0.00	3.8	NE
9/24/2025 14:45	22.21	3.40	0.00	0.00	0.00	0.00	5.6	NE
9/24/2025 15:00	14.13	3.32	0.00	0.00	0.00	0.00	5.3	NE

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
9/24/2025 15:15	66.42	3.12	0.00	0.00	0.00	0.00	5.0	NE
9/24/2025 15:30	55.58	3.23	0.00	0.00	0.00	0.00	4.8	NE

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
09/24/2025 07:30					8.32	0.00	WSW	0.5		
09/24/2025 07:45			41.36	0.00	8.73	0.00	WSW	0.6	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/24/2025 08:00			24.92	0.00	8.01	0.00	W	0.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/24/2025 08:15			20.20	0.00	8.28	0.01	WSW	1.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/24/2025 08:30			21.81	0.01	7.95	0.00	WNW	1.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/24/2025 08:45			23.76	0.00	6.55	0.00	WNW	2.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/24/2025 09:00			25.89	0.00	9.66	0.00	WNW	1.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/24/2025 09:15			26.91	0.00	5.43	0.00	NE	1.5	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 09:30			18.45	0.00	4.05	0.00	NE	1.6	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 09:45			15.83	0.00	4.02	0.00	NE	0.6	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 10:00			39.25	0.00	5.38	0.00	NE	3.3	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 10:15			29.10	0.00	5.12	0.00	ENE	3.4	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 10:30			19.87	0.00	4.68	0.00	ENE	3.2	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 10:45			24.14	0.00	4.23	0.00	ENE	3.6	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 11:00			21.98	0.00	4.22	0.00	ENE	4.0	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 11:15			22.40	0.00	4.15	0.00	ENE	3.4	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 11:30			45.74	0.00	4.47	0.00	E	1.6	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 11:45			19.13	0.00	3.53	0.00	ENE	4.3	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 12:00			24.03	0.00	3.39	0.00	NE	3.5	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 12:15			12.93	0.00	3.32	0.00	NE	3.7	Southeast Location (PM10; VOC)	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
09/24/2025 12:30			19.61	0.00	3.57	0.00	ENE	3.6	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 12:45			14.63	0.00	3.35	0.00	NE	3.9	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 13:00			15.33	0.00	3.47	0.00	NNE	4.2	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 13:15			27.46	0.00	3.51	0.00	NE	3.9	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 13:30			41.99	0.00	3.38	0.00	NE	3.8	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 13:45			15.76	0.00	3.52	0.00	NE	4.3	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 14:00			27.21	0.00	3.32	0.00	ENE	4.6	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 14:15			22.39	0.00	3.11	0.00	NE	2.7	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 14:30			58.87	0.00	2.99	0.00	NE	3.8	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 14:45			22.21	0.00	3.40	0.00	NE	5.6	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 15:00			14.13	0.00	3.32	0.00	NE	5.3	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 15:15			66.42	0.00	3.12	0.00	NE	5.0	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/24/2025 15:30			55.58	0.00	3.23	0.00	NE	4.8	Southeast Location (PM10; VOC)	West Location (PM10; VOC)