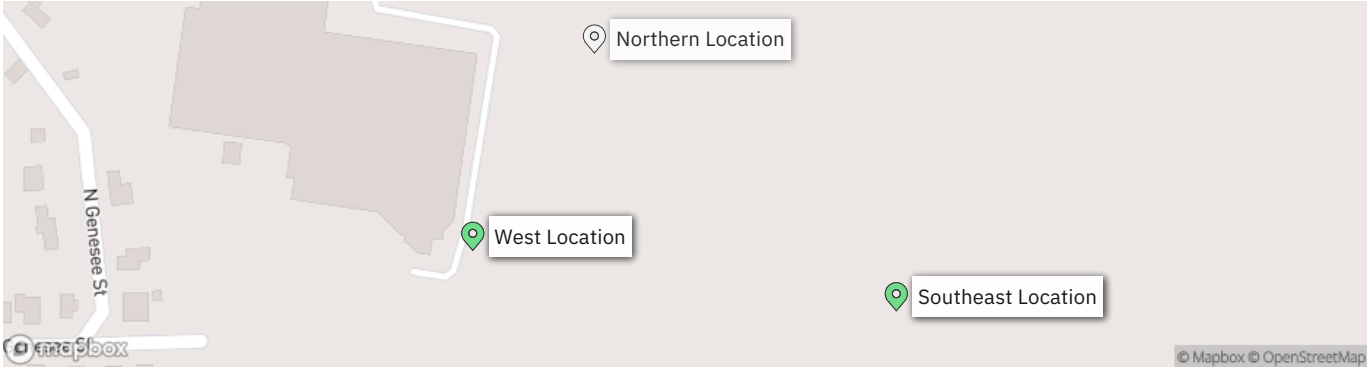
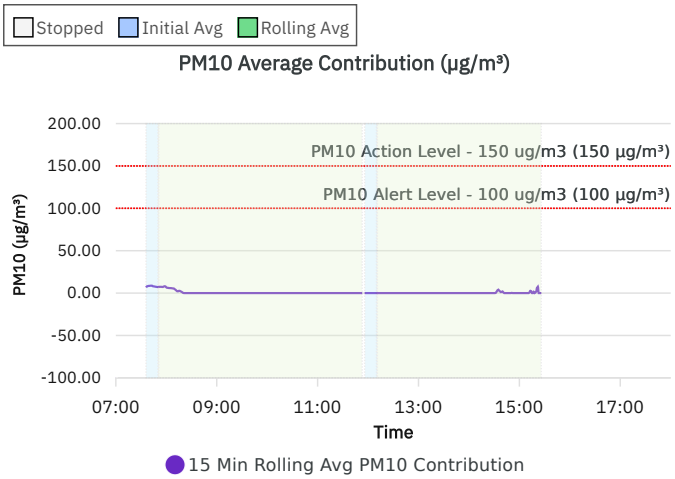
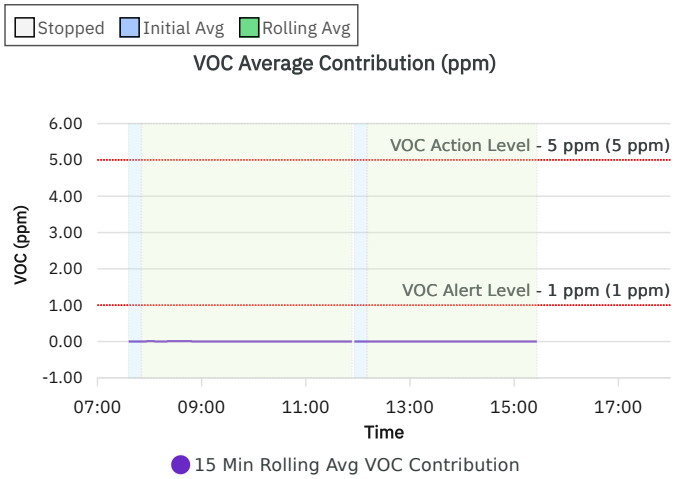
aeroqual	Site Contribution Report	Wyoming County - DEC Site Number V00189	
		Report Period	
		From:	09/16/2025 07:00
		To:	09/16/2025 18:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
09/16/2025	52.5 - 81.7	54.0 - 91.8	30.3 - 30.4	0.3 - 8.3	NE

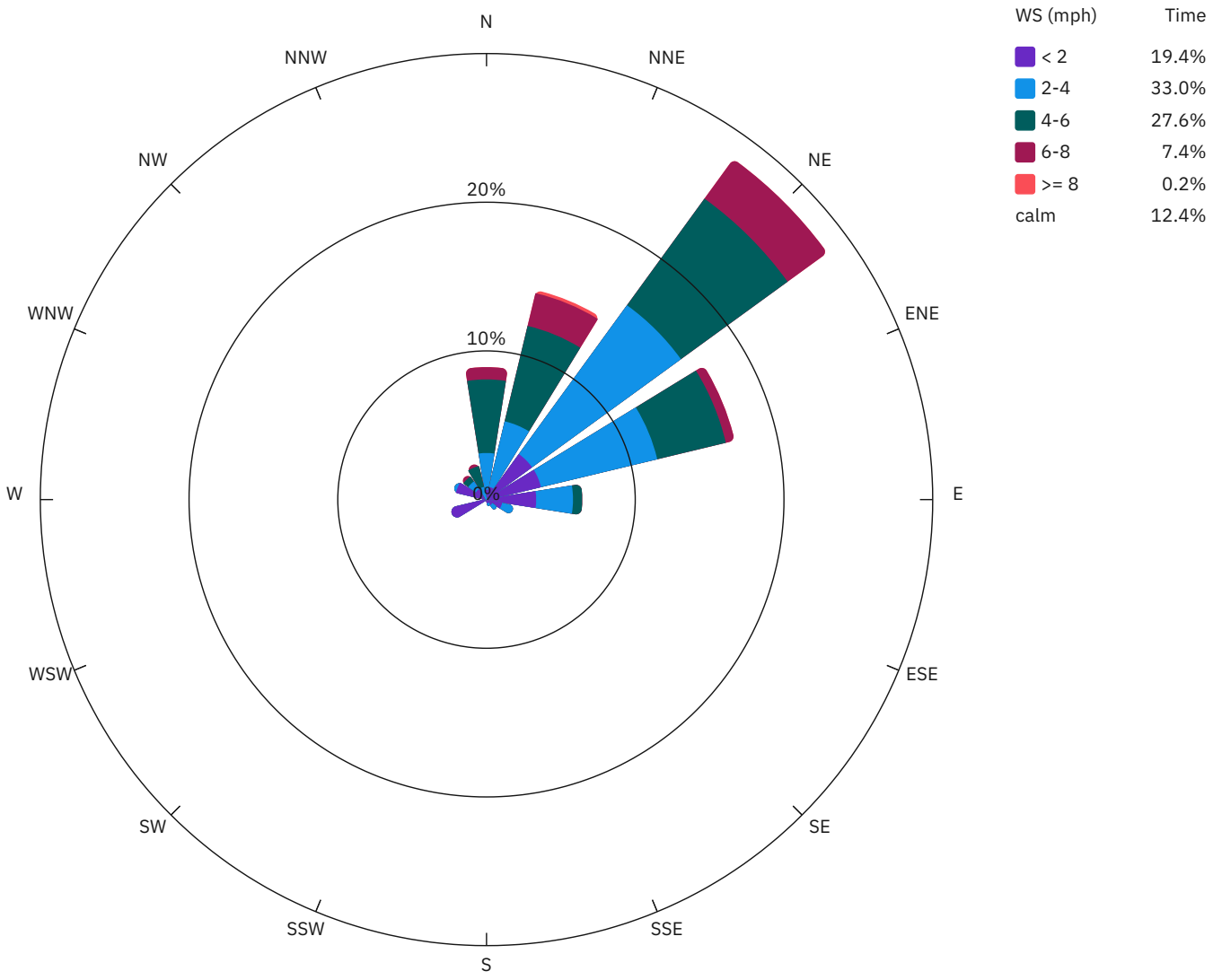
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 9/16/2025	0.00	08:30	0.00	07:45
Max Contribution (15 min avg.) - 9/16/2025	7.92	07:45	0.01	08:00
Daily Avg. Contribution (15 min avg.) - 9/16/2025	0.56	-	0.00	-



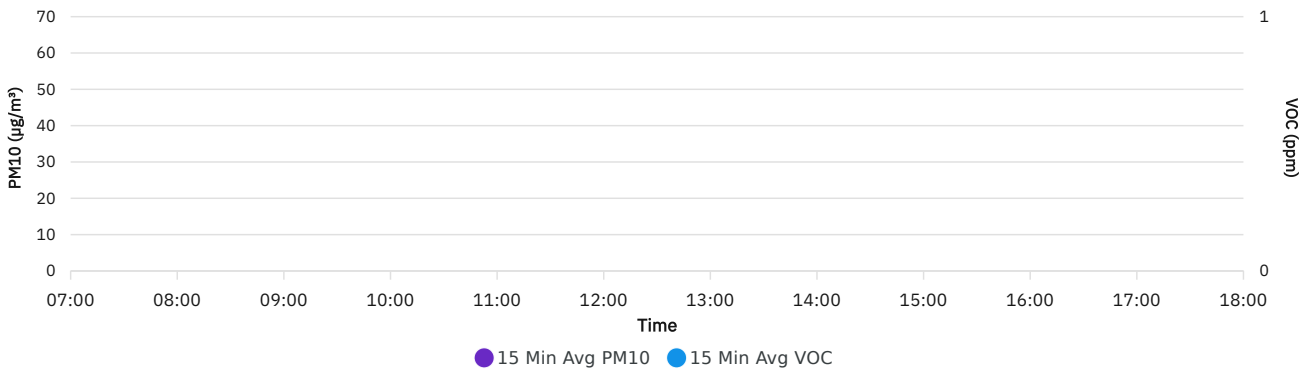




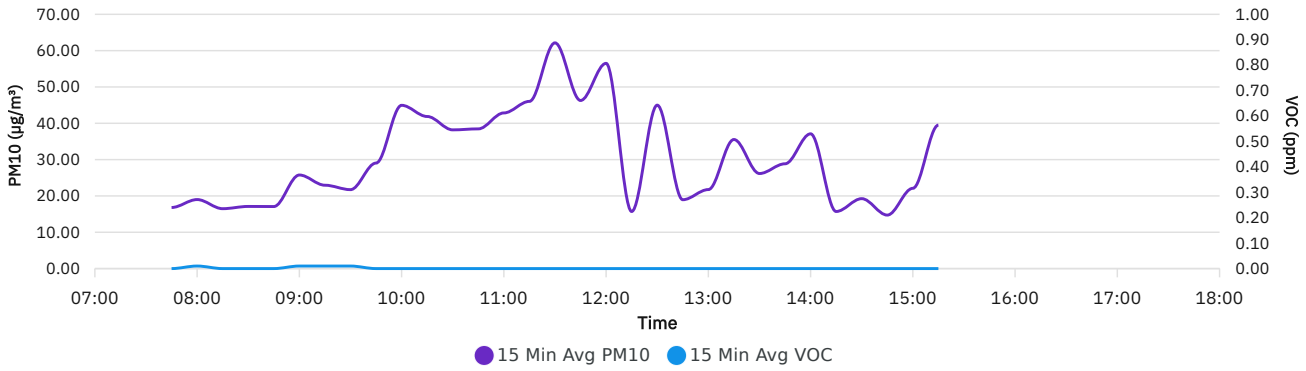
Wind rose (mph)



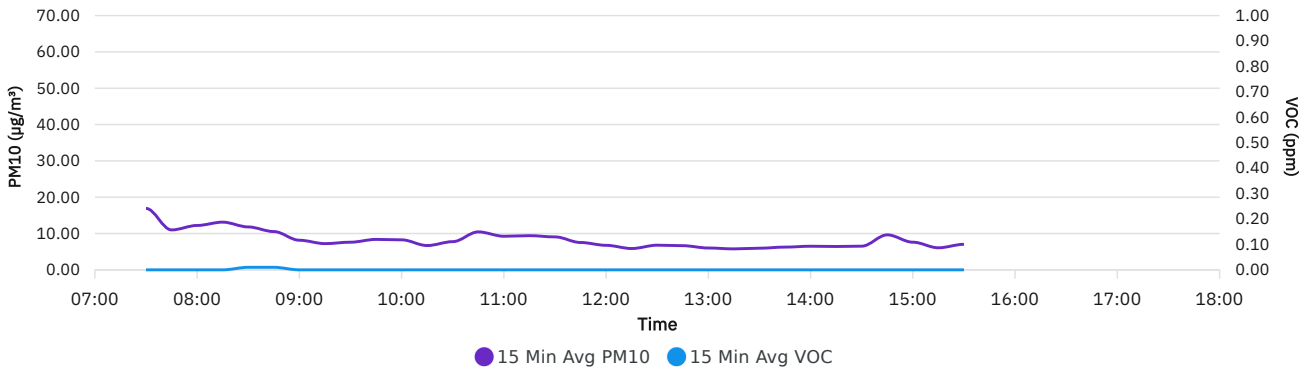
Northern Location



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
9/16/2025 07:30							1.0	WSW
9/16/2025 07:45	8.90	16.82	7.92	0.00	0.00	0.00	1.0	WSW
9/16/2025 08:00	12.22	19.00	6.78	0.00	0.01	0.01	0.8	WNW
9/16/2025 08:15	13.48	16.14	2.66	0.00	0.00	0.00	0.5	WNW
9/16/2025 08:30	15.94	12.97	0.00	0.00	0.01	0.01	0.2	E
9/16/2025 08:45	17.08	10.54	0.00	0.00	0.01	0.01	0.6	ENE
9/16/2025 09:00	25.21	8.70	0.00	0.01	0.00	0.00	1.1	E
9/16/2025 09:15	22.95	7.22	0.00	0.01	0.00	0.00	1.6	ENE
9/16/2025 09:30	21.73	7.61	0.00	0.01	0.00	0.00	1.6	ENE
9/16/2025 09:45	29.05	8.38	0.00	0.00	0.00	0.00	3.6	NE
9/16/2025 10:00	44.95	8.26	0.00	0.00	0.00	0.00	3.4	ENE
9/16/2025 10:15	40.77	7.79	0.00	0.00	0.00	0.00	3.3	NE
9/16/2025 10:30	38.19	7.76	0.00	0.00	0.00	0.00	2.5	ENE
9/16/2025 10:45	38.46	10.45	0.00	0.00	0.00	0.00	2.7	NE
9/16/2025 11:00	42.85	9.25	0.00	0.00	0.00	0.00	2.3	ENE
9/16/2025 11:15	46.03	9.41	0.00	0.00	0.00	0.00	2.1	ENE
9/16/2025 11:30	62.14	9.07	0.00	0.00	0.00	0.00	2.2	ENE
9/16/2025 11:45	45.10	8.71	0.00	0.00	0.00	0.00	2.9	ENE
9/16/2025 12:00	13.81	6.24	0.00	0.00	0.00	0.00	3.9	NE
9/16/2025 12:15	15.31	6.28	0.00	0.00	0.00	0.00	3.4	NE
9/16/2025 12:30	43.55	8.23	0.00	0.00	0.00	0.00	4.1	NE
9/16/2025 12:45	17.63	7.98	0.00	0.00	0.00	0.00	4.9	NNE
9/16/2025 13:00	21.10	6.66	0.00	0.00	0.00	0.00	4.0	NE
9/16/2025 13:15	32.37	8.93	0.00	0.00	0.00	0.00	4.4	NNE
9/16/2025 13:30	22.38	9.75	0.00	0.00	0.00	0.00	4.3	NNE
9/16/2025 13:45	26.27	8.84	0.00	0.00	0.00	0.00	4.1	NE
9/16/2025 14:00	35.95	7.65	0.00	0.00	0.00	0.00	5.2	NE
9/16/2025 14:15	14.67	7.48	0.00	0.00	0.00	0.00	4.6	NE
9/16/2025 14:30	14.52	11.25	0.00	0.00	0.00	0.00	3.7	N
9/16/2025 14:45	12.37	11.99	0.00	0.00	0.00	0.00	4.3	N
9/16/2025 15:00	20.48	9.23	0.00	0.00	0.00	0.00	3.8	NNE

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
9/16/2025 15:15	22.90	22.67	0.00	0.00	0.00	0.00	3.0	NNE
9/16/2025 15:30							4.9	NNE

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
09/16/2025 07:30					16.91	0.00	WSW	1.0		
09/16/2025 07:45			16.82	0.00	10.99	0.00	WSW	1.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/16/2025 08:00			19.00	0.01	12.22	0.00	WNW	0.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/16/2025 08:15			16.49	0.00	13.13	0.00	WNW	0.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/16/2025 08:30			17.11	0.00	11.81	0.01	E	0.2	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 08:45			17.08	0.00	10.54	0.01	ENE	0.6	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 09:00			25.76	0.01	8.15	0.00	E	1.1	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 09:15			22.95	0.01	7.22	0.00	ENE	1.6	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 09:30			21.73	0.01	7.61	0.00	ENE	1.6	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 09:45			29.05	0.00	8.38	0.00	NE	3.6	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 10:00			44.95	0.00	8.26	0.00	ENE	3.4	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 10:15			41.87	0.00	6.69	0.00	NE	3.3	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 10:30			38.19	0.00	7.76	0.00	ENE	2.5	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 10:45			38.46	0.00	10.45	0.00	NE	2.7	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 11:00			42.85	0.00	9.25	0.00	ENE	2.3	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 11:15			46.03	0.00	9.41	0.00	ENE	2.1	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 11:30			62.14	0.00	9.07	0.00	ENE	2.2	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 11:45			46.28	0.00	7.53	0.00	ENE	2.9	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 12:00			56.50	0.00	6.75	0.00	NE	3.9	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 12:15			15.72	0.00	5.87	0.00	NE	3.4	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
09/16/2025 12:30			44.99	0.00	6.79	0.00	NE	4.1	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 12:45			18.96	0.00	6.65	0.00	NNE	4.9	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 13:00			21.75	0.00	6.01	0.00	NE	4.0	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 13:15			35.53	0.00	5.77	0.00	NNE	4.4	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 13:30			26.17	0.00	5.96	0.00	NNE	4.3	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 13:45			28.85	0.00	6.26	0.00	NE	4.1	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 14:00			37.10	0.00	6.50	0.00	NE	5.2	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 14:15			15.72	0.00	6.43	0.00	NE	4.6	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 14:30			19.25	0.00	6.52	0.00	N	3.7	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 14:45			14.73	0.00	9.63	0.00	N	4.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/16/2025 15:00			22.10	0.00	7.61	0.00	NNE	3.8	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 15:15			39.50	0.00	6.07	0.00	NNE	3.0	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/16/2025 15:30					7.03	0.00	NNE	4.9		