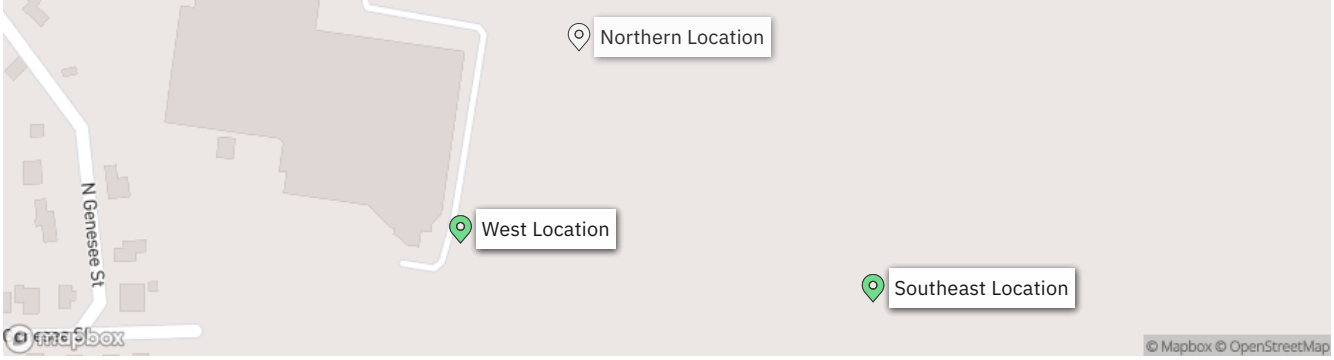
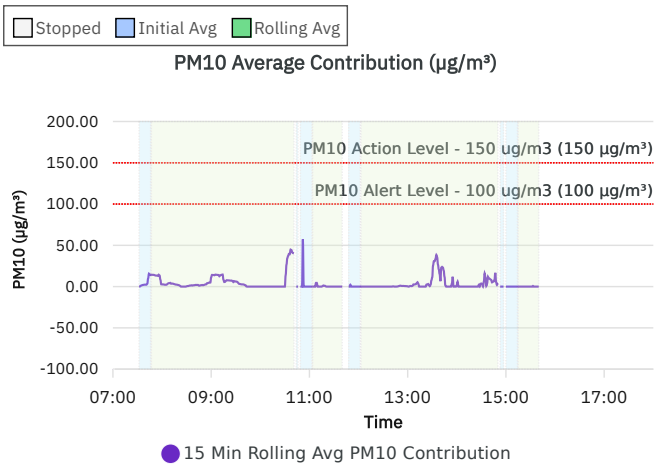
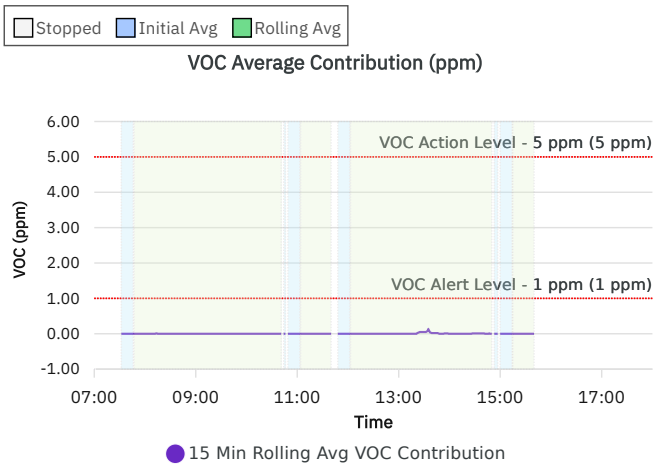
aeroqual	Site Contribution Report	Wyoming County - DEC Site Number V00189	
		Report Period	
		From:	09/02/2025 07:00
		To:	09/02/2025 18:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
09/02/2025	52.9 - 81.5	44.1 - 93.9	30.2 - 30.4	0.6 - 8.5	S

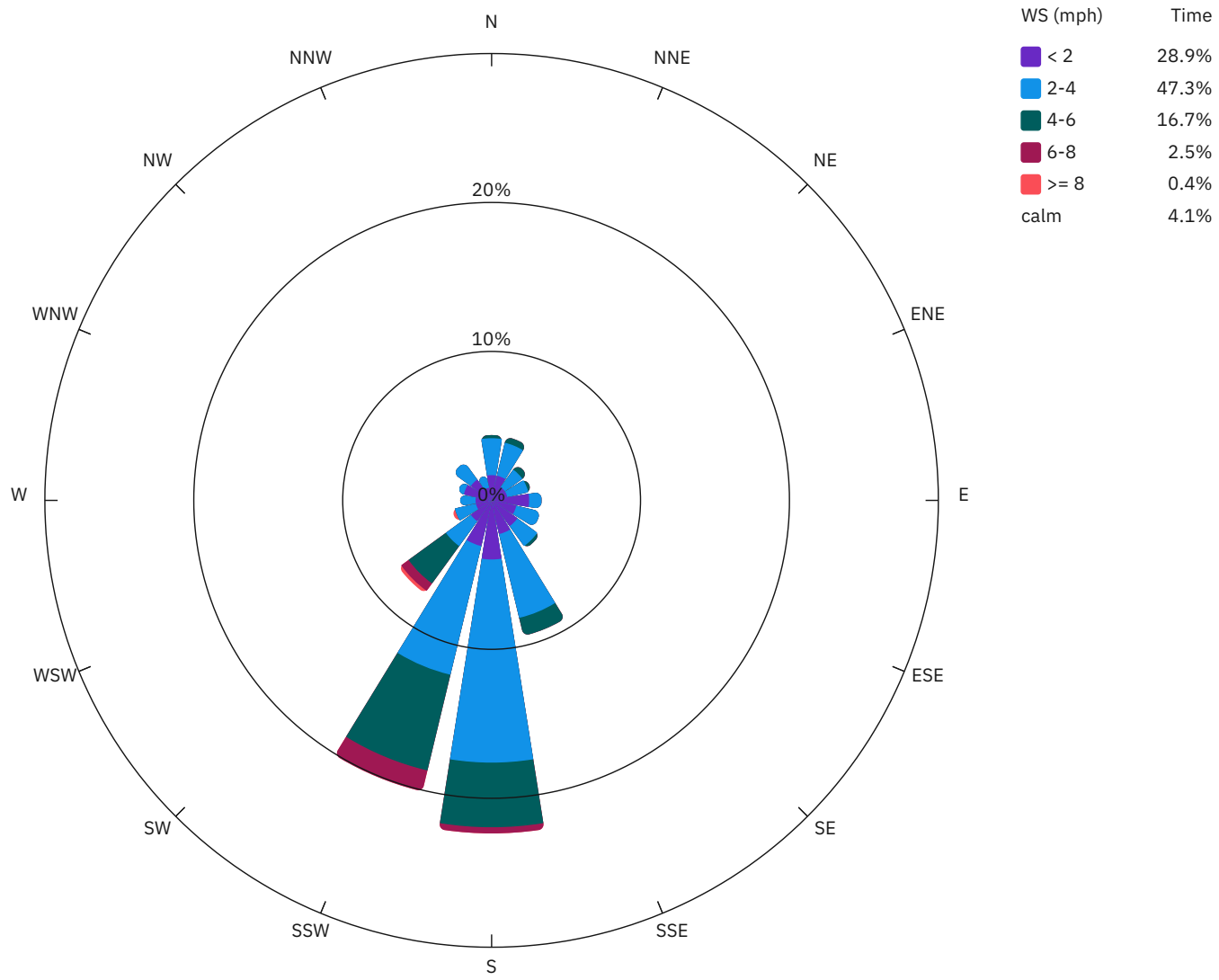
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 9/2/2025	0.00	09:45	0.00	07:45
Max Contribution (15 min avg.) - 9/2/2025	14.78	07:45	0.05	13:30
Daily Avg. Contribution (15 min avg.) - 9/2/2025	2.67	-	0.00	-



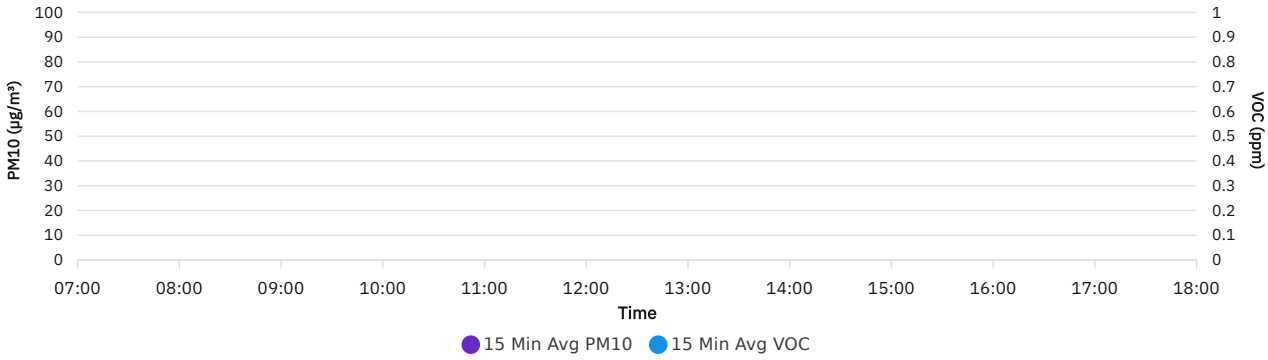




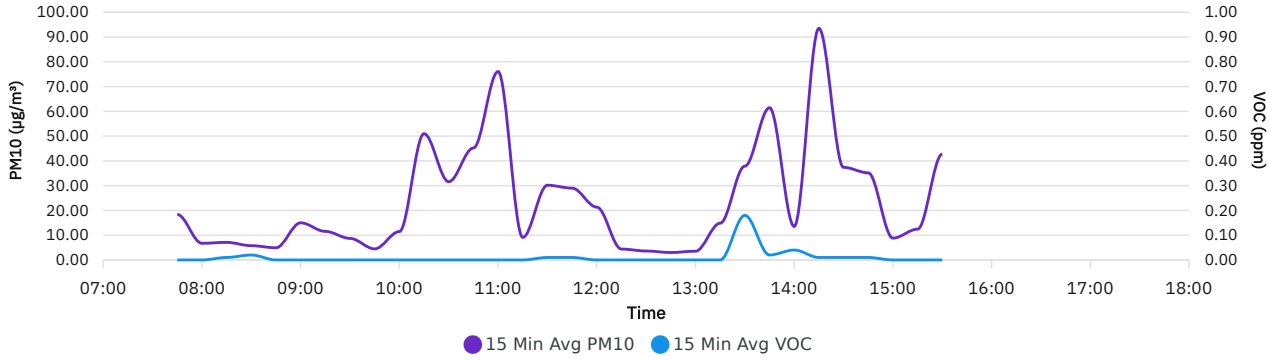
Wind rose (mph)



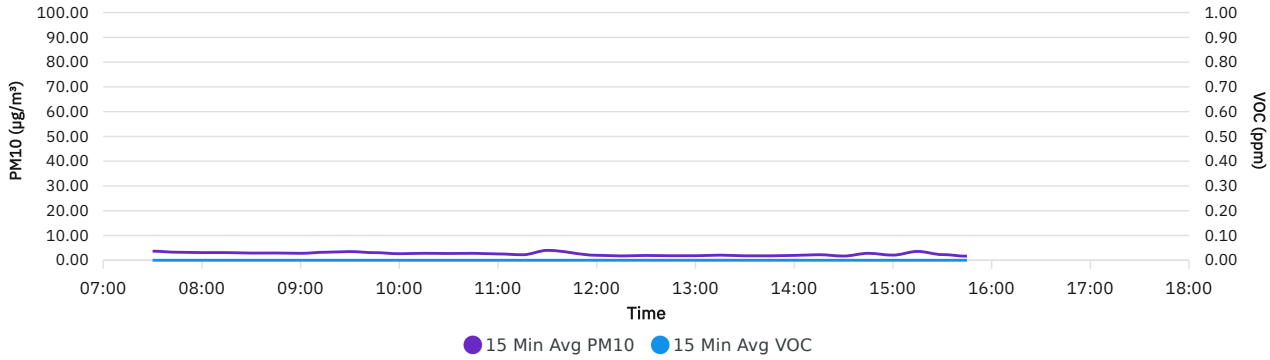
Northern Location



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
9/2/2025 07:30							2.3	S
9/2/2025 07:45	3.40	18.18	14.78	0.00	0.00	0.00	2.8	SSW
9/2/2025 08:00	3.57	6.25	2.68	0.00	0.00	0.00	1.9	SSW
9/2/2025 08:15	3.62	6.57	2.96	0.00	0.01	0.00	2.9	SSW
9/2/2025 08:30	4.16	4.51	0.35	0.02	0.00	0.00	3.6	S
9/2/2025 08:45	3.30	4.53	1.23	0.00	0.00	0.00	4.3	SSW
9/2/2025 09:00	3.25	14.54	11.29	0.00	0.00	0.00	5.6	SSW
9/2/2025 09:15	3.24	11.53	8.29	0.00	0.00	0.00	5.4	SW
9/2/2025 09:30	3.00	9.20	6.20	0.00	0.00	0.00	4.7	SSW
9/2/2025 09:45	3.92	3.61	0.00	0.00	0.00	0.00	4.1	S
9/2/2025 10:00	10.96	3.13	0.00	0.00	0.00	0.00	3.7	SSE
9/2/2025 10:15	38.77	15.02	0.00	0.00	0.00	0.00	3.7	S
9/2/2025 10:30	24.83	9.49	0.00	0.00	0.00	0.00	3.3	SSW
9/2/2025 10:45	4.40	2.80	0.00	0.00	0.00	0.00	2.1	S
9/2/2025 11:00	43.73	31.90	0.00	0.00	0.00	0.00	2.3	S
9/2/2025 11:15	5.68	5.64	0.00	0.00	0.00	0.00	2.0	SSE
9/2/2025 11:30	27.03	7.14	0.00	0.01	0.00	0.00	1.1	ENE
9/2/2025 11:45							1.9	SSE
9/2/2025 12:00	21.57	3.51	0.00	0.00	0.00	0.00	1.6	NNE
9/2/2025 12:15	3.69	2.45	0.00	0.00	0.00	0.00	0.5	SE
9/2/2025 12:30	2.90	2.64	0.00	0.00	0.00	0.00	0.2	ENE
9/2/2025 12:45	2.44	2.38	0.00	0.00	0.00	0.00	0.2	SE
9/2/2025 13:00	2.53	2.82	0.29	0.00	0.00	0.00	1.7	SSW
9/2/2025 13:15	8.83	8.08	0.00	0.00	0.00	0.00	0.4	NNE
9/2/2025 13:30	14.26	25.41	11.15	0.07	0.11	0.05	1.2	NNW
9/2/2025 13:45	25.72	37.54	11.82	0.00	0.02	0.02	0.9	S
9/2/2025 14:00	6.85	8.65	1.80	0.02	0.02	0.00	1.2	SSW
9/2/2025 14:15	79.55	16.21	0.00	0.00	0.00	0.00	0.7	N
9/2/2025 14:30	17.69	21.40	3.71	0.00	0.01	0.01	0.3	ENE
9/2/2025 14:45	15.90	22.06	6.16	0.00	0.01	0.00	0.3	NNW
9/2/2025 15:00	4.12	1.89	0.00	0.00	0.00	0.00	1.3	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
9/2/2025 15:15	12.02	3.99	0.00	0.00	0.00	0.00	1.0	SSE
9/2/2025 15:30	39.60	5.43	0.00	0.00	0.00	0.00	1.2	SSE
9/2/2025 15:45							0.6	S

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
09/02/2025 07:30					3.66	0.00	S	2.3		
09/02/2025 07:45			18.36	0.00	3.24	0.00	SSW	2.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/02/2025 08:00			6.73	0.00	3.09	0.00	SSW	1.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/02/2025 08:15			7.10	0.01	3.09	0.00	SSW	2.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/02/2025 08:30			5.76	0.02	2.90	0.00	S	3.6	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/02/2025 08:45			4.91	0.00	2.92	0.00	SSW	4.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/02/2025 09:00			14.99	0.00	2.80	0.00	SSW	5.6	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/02/2025 09:15			11.53	0.00	3.24	0.00	SW	5.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/02/2025 09:30			8.70	0.00	3.50	0.00	SSW	4.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/02/2025 09:45			4.46	0.00	3.07	0.00	S	4.1	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/02/2025 10:00			11.46	0.00	2.64	0.00	SSE	3.7	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/02/2025 10:15			50.98	0.00	2.81	0.00	S	3.7	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/02/2025 10:30			31.59	0.00	2.73	0.00	SSW	3.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/02/2025 10:45			45.19	0.00	2.80	0.00	S	2.1	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/02/2025 11:00			76.07	0.00	2.55	0.00	S	2.3	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/02/2025 11:15			9.10	0.00	2.22	0.00	SSE	2.0	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/02/2025 11:30			30.18	0.01	3.99	0.00	ENE	1.1	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/02/2025 11:45			28.99	0.01			SSE	1.9		
09/02/2025 12:00			21.32	0.00	2.01	0.00	NNE	1.6	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/02/2025 12:15			4.39	0.00	1.75	0.00	SE	0.5	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/02/2025 12:30			3.61	0.00	1.94	0.00	ENE	0.2	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
09/02/2025 12:45			3.00	0.00	1.82	0.00	SE	0.2	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/02/2025 13:00			3.52	0.00	1.83	0.00	SSW	1.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/02/2025 13:15			14.84	0.00	2.07	0.00	NNE	0.4	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/02/2025 13:30			37.88	0.18	1.80	0.00	NNW	1.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/02/2025 13:45			61.46	0.02	1.79	0.00	S	0.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/02/2025 14:00			13.54	0.04	1.96	0.00	SSW	1.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/02/2025 14:15			93.52	0.01	2.24	0.00	N	0.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/02/2025 14:30			37.39	0.01	1.70	0.00	ENE	0.3	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/02/2025 14:45			35.17	0.01	2.80	0.00	NNW	0.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/02/2025 15:00			8.81	0.00	2.07	0.00	NNE	1.3	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/02/2025 15:15			12.44	0.00	3.57	0.00	SSE	1.0	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/02/2025 15:30			42.73	0.00	2.29	0.00	SSE	1.2	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/02/2025 15:45					1.64	0.00	S	0.6		