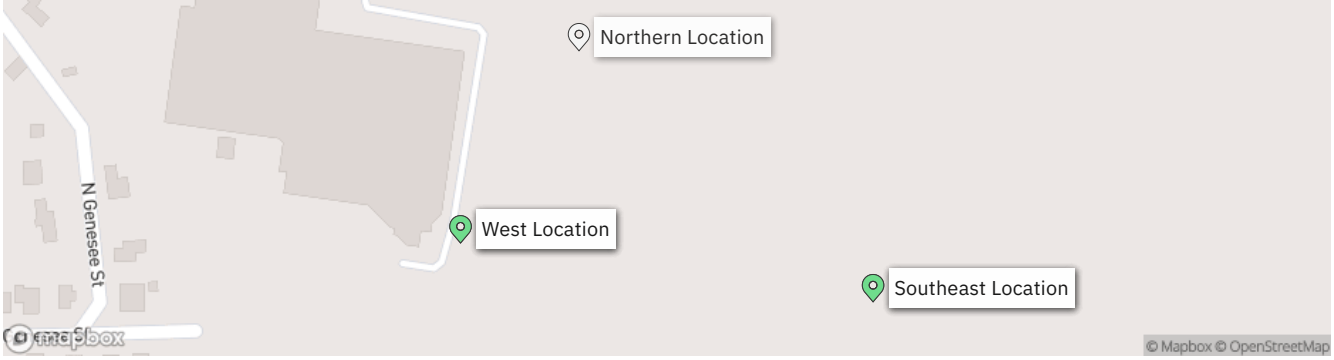
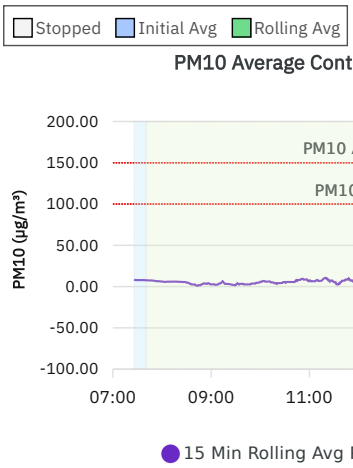
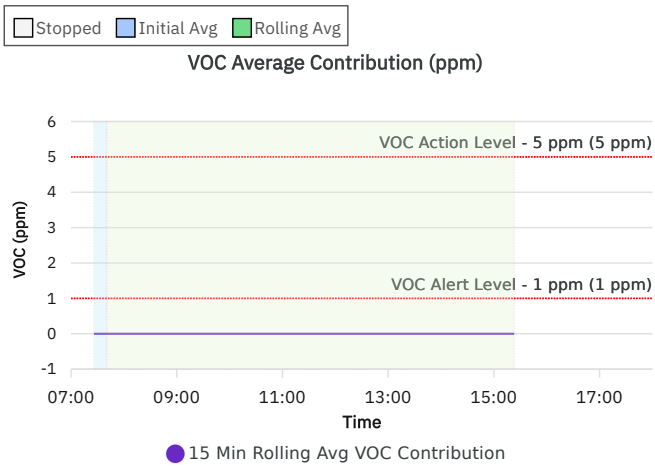
aeroqual	Site Contribution Report	Wyoming County - DEC Site Number V00189	
		Report Period	
		From:	09/05/2025 07:00
		To:	09/05/2025 18:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
09/05/2025	50.0 - 74.1	55.6 - 96.8	29.9 - 30.0	3.7 - 20.5	SSW

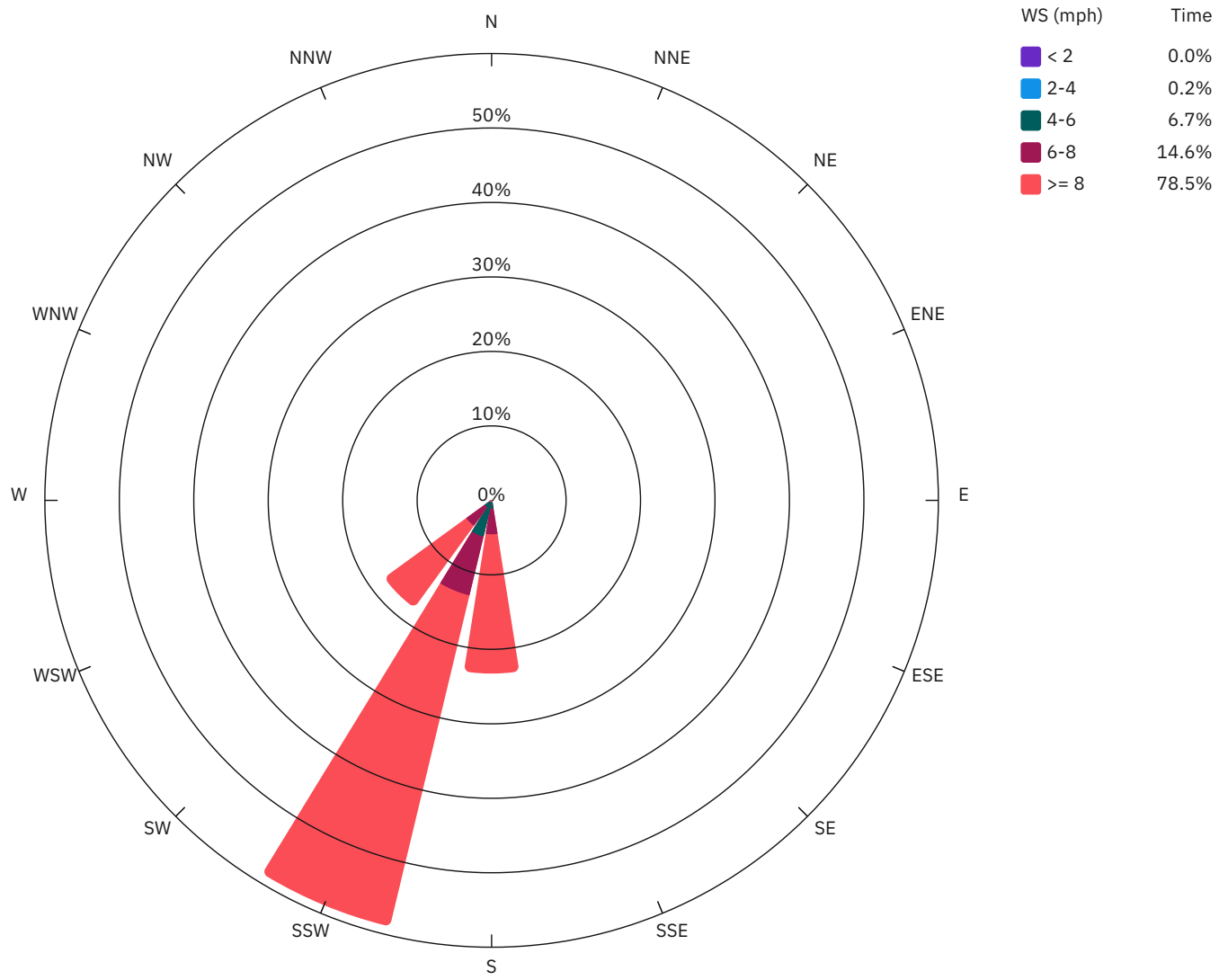
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 9/5/2025	1.83	08:45	0.00	07:30
Max Contribution (15 min avg.) - 9/5/2025	14.96	12:30	0.00	07:30
Daily Avg. Contribution (15 min avg.) - 9/5/2025	7.41	-	0.00	-



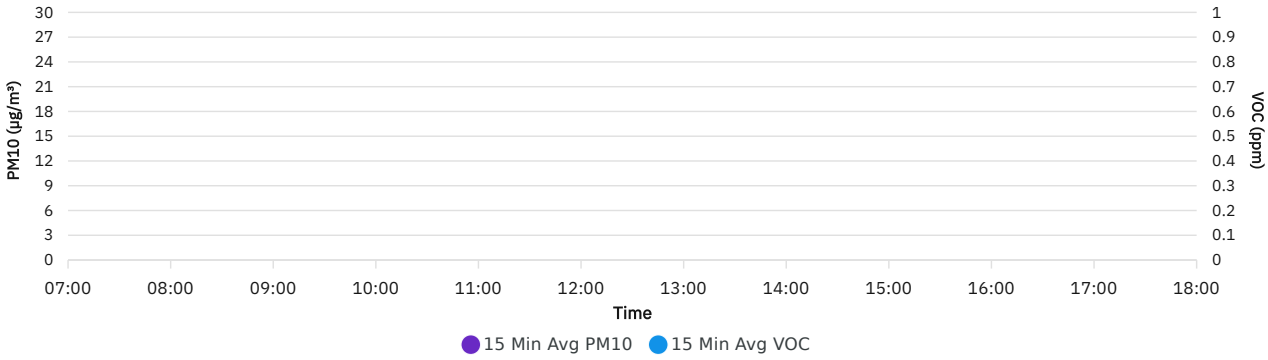




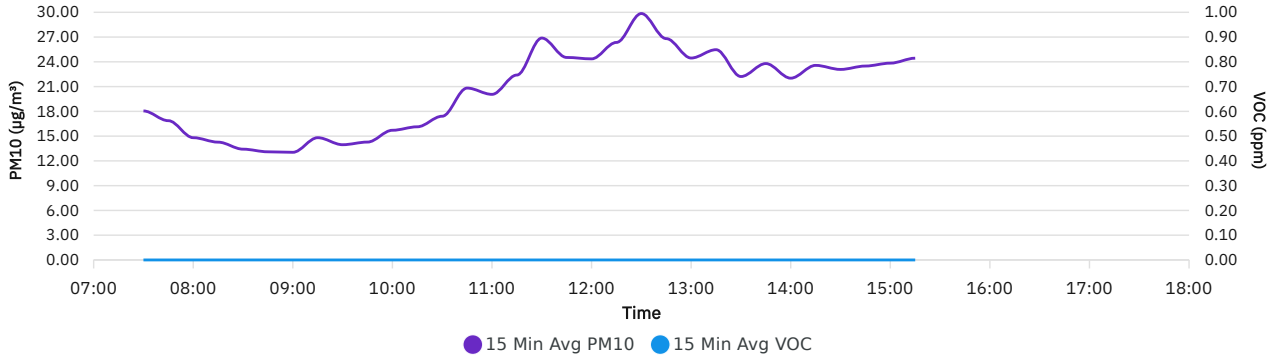
Wind rose (mph)



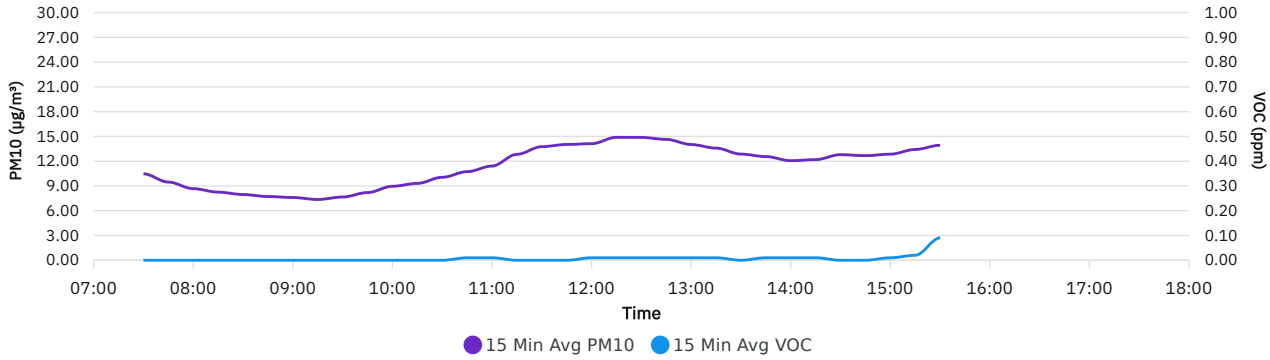
Northern Location



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
9/5/2025 07:30	10.16	18.05	7.88	0.00	0.00	0.00	6.8	SW
9/5/2025 07:45	9.47	16.87	7.40	0.00	0.00	0.00	5.6	SSW
9/5/2025 08:00	8.67	14.81	6.14	0.00	0.00	0.00	6.0	SSW
9/5/2025 08:15	8.25	14.27	6.03	0.00	0.00	0.00	6.2	SSW
9/5/2025 08:30	8.32	13.06	4.75	0.00	0.00	0.00	7.3	SSW
9/5/2025 08:45	9.49	11.32	1.83	0.00	0.00	0.00	8.4	S
9/5/2025 09:00	8.98	11.67	2.70	0.00	0.00	0.00	8.0	SSW
9/5/2025 09:15	8.39	13.78	5.38	0.00	0.00	0.00	7.9	SSW
9/5/2025 09:30	9.86	11.76	1.90	0.00	0.00	0.00	9.0	SSW
9/5/2025 09:45	9.93	12.54	2.61	0.00	0.00	0.00	11.1	S
9/5/2025 10:00	9.38	15.29	5.91	0.00	0.00	0.00	10.8	SSW
9/5/2025 10:15	10.19	15.25	5.06	0.00	0.00	0.00	10.7	SSW
9/5/2025 10:30	10.94	16.51	5.57	0.00	0.00	0.00	11.5	SSW
9/5/2025 10:45	12.36	19.20	6.84	0.01	0.00	0.00	13.6	SSW
9/5/2025 11:00	11.95	19.53	7.58	0.01	0.00	0.00	13.4	SSW
9/5/2025 11:15	14.02	21.21	7.18	0.00	0.00	0.00	13.5	SSW
9/5/2025 11:30	17.39	23.25	5.85	0.00	0.00	0.00	11.8	SSW
9/5/2025 11:45	14.96	23.59	8.63	0.00	0.00	0.00	11.3	SSW
9/5/2025 12:00	16.15	22.33	6.18	0.00	0.00	0.00	11.5	SSW
9/5/2025 12:15	15.62	25.62	10.01	0.01	0.00	0.00	12.4	SSW
9/5/2025 12:30	14.88	29.85	14.96	0.01	0.00	0.00	13.0	SSW
9/5/2025 12:45	14.64	26.81	12.17	0.01	0.00	0.00	10.8	SSW
9/5/2025 13:00	14.69	23.79	9.09	0.01	0.00	0.00	10.2	SSW
9/5/2025 13:15	13.58	25.47	11.89	0.01	0.00	0.00	10.4	SSW
9/5/2025 13:30	12.86	22.22	9.36	0.00	0.00	0.00	9.9	SW
9/5/2025 13:45	14.24	22.11	7.87	0.00	0.00	0.00	11.1	SSW
9/5/2025 14:00	12.65	21.43	8.79	0.01	0.00	0.00	10.2	SSW
9/5/2025 14:15	14.06	21.70	7.63	0.01	0.00	0.00	10.8	SSW
9/5/2025 14:30	12.79	23.08	10.29	0.00	0.00	0.00	10.9	SSW
9/5/2025 14:45	12.67	23.49	10.82	0.00	0.00	0.00	11.8	SSW
9/5/2025 15:00	14.49	22.21	7.72	0.00	0.00	0.00	11.5	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
9/5/2025 15:15	13.42	24.44	11.02	0.02	0.00	0.00	11.1	SSW
9/5/2025 15:30							10.2	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
09/05/2025 07:30			18.05	0.00	10.47	0.00	SW	6.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 07:45			16.87	0.00	9.47	0.00	SSW	5.6	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 08:00			14.81	0.00	8.67	0.00	SSW	6.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 08:15			14.27	0.00	8.25	0.00	SSW	6.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 08:30			13.42	0.00	7.96	0.00	SSW	7.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 08:45			13.10	0.00	7.72	0.00	S	8.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 09:00			13.04	0.00	7.60	0.00	SSW	8.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 09:15			14.81	0.00	7.36	0.00	SSW	7.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 09:30			13.96	0.00	7.66	0.00	SSW	9.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 09:45			14.28	0.00	8.20	0.00	S	11.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 10:00			15.71	0.00	8.96	0.00	SSW	10.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 10:15			16.13	0.00	9.31	0.00	SSW	10.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 10:30			17.41	0.00	10.05	0.00	SSW	11.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 10:45			20.82	0.00	10.73	0.01	SSW	13.6	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 11:00			20.06	0.00	11.41	0.01	SSW	13.4	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
09/05/2025 11:15			22.40	0.00	12.83	0.00	SSW	13.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 11:30			26.88	0.00	13.76	0.00	SSW	11.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 11:45			24.53	0.00	14.03	0.00	SSW	11.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 12:00			24.36	0.00	14.12	0.01	SSW	11.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 12:15			26.35	0.00	14.89	0.01	SSW	12.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 12:30			29.85	0.00	14.88	0.01	SSW	13.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 12:45			26.81	0.00	14.64	0.01	SSW	10.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 13:00			24.46	0.00	14.02	0.01	SSW	10.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 13:15			25.47	0.00	13.58	0.01	SSW	10.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 13:30			22.22	0.00	12.86	0.00	SW	9.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 13:45			23.79	0.00	12.56	0.01	SSW	11.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 14:00			22.02	0.00	12.06	0.01	SSW	10.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 14:15			23.57	0.00	12.19	0.01	SSW	10.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 14:30			23.08	0.00	12.79	0.00	SSW	10.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 14:45			23.49	0.00	12.67	0.00	SSW	11.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 15:00			23.84	0.00	12.85	0.01	SSW	11.5	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)	
09/05/2025 15:15			24.44	0.00	13.42	0.02	SSW	11.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/05/2025 15:30					13.93	0.09	SSW	10.2		