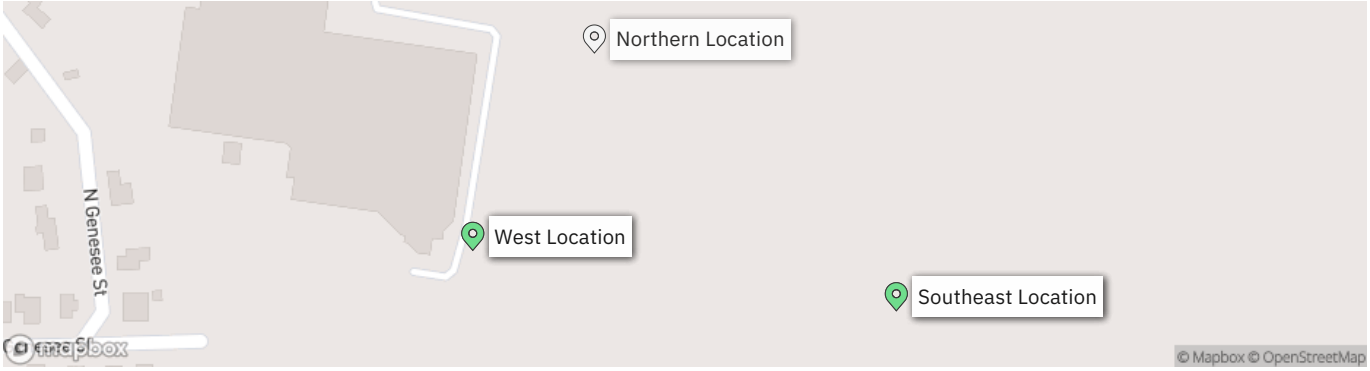
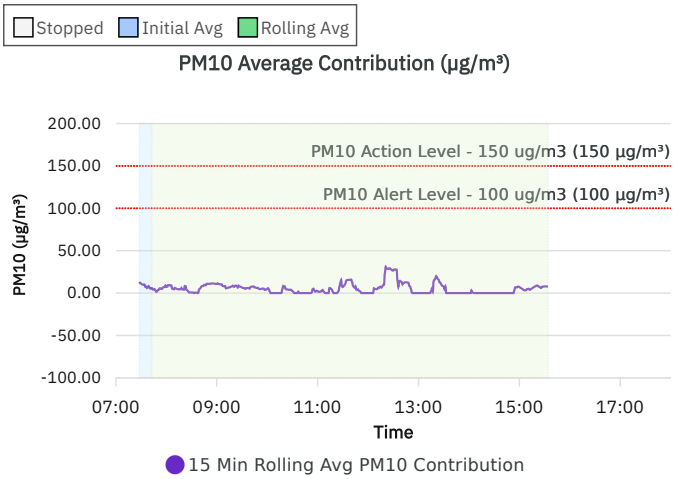
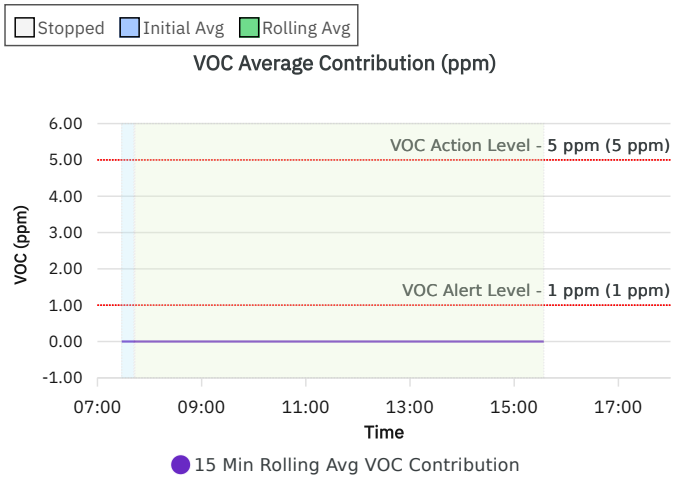
aeroqual	Site Contribution Report	Wyoming County - DEC Site Number V00189	
		Report Period	
		From:	09/22/2025 07:00
		To:	09/22/2025 18:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
09/22/2025	60.4 - 81.1	65.0 - 94.0	30.0 - 30.2	0.5 - 13.4	SSW

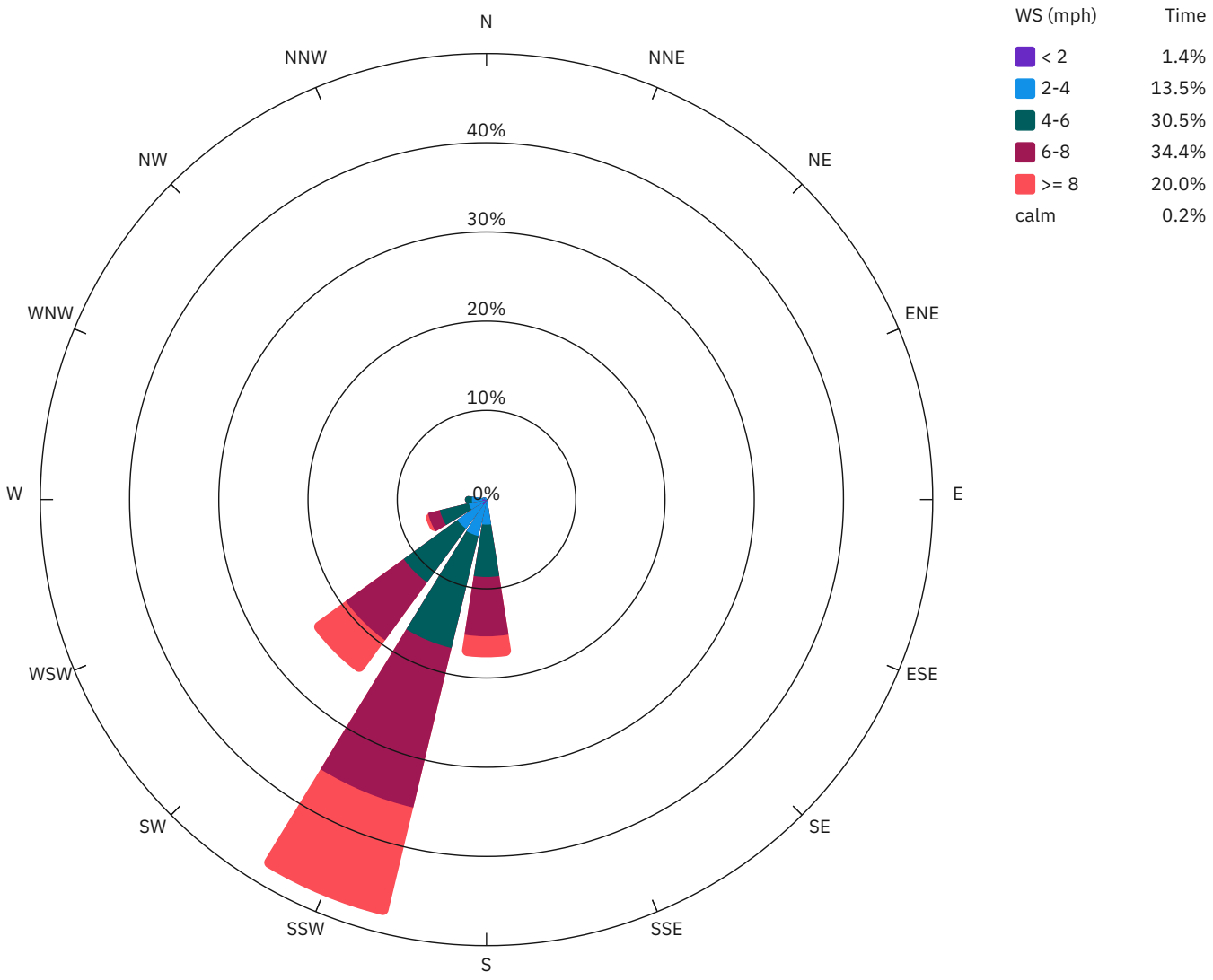
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 9/22/2025	0.00	10:15	0.00	07:30
Max Contribution (15 min avg.) - 9/22/2025	26.60	12:30	0.00	07:30
Daily Avg. Contribution (15 min avg.) - 9/22/2025	5.38	-	0.00	-



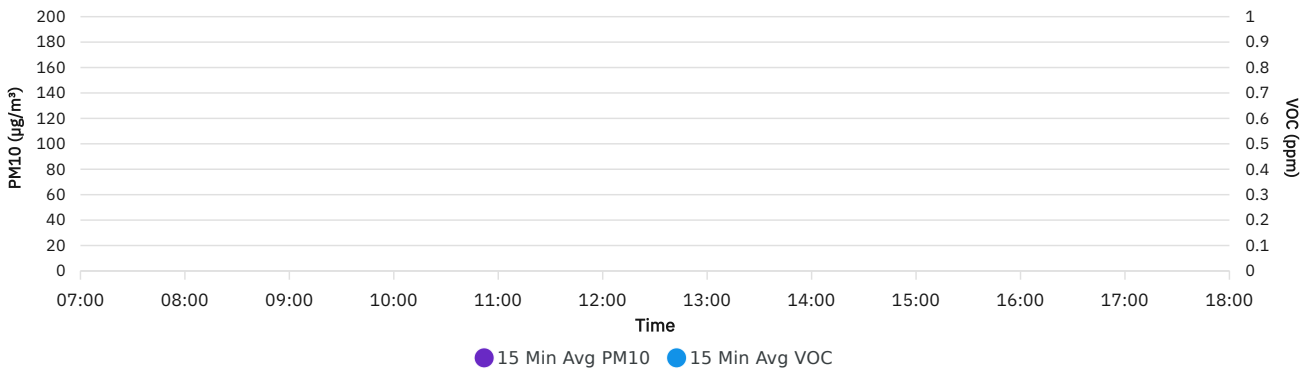




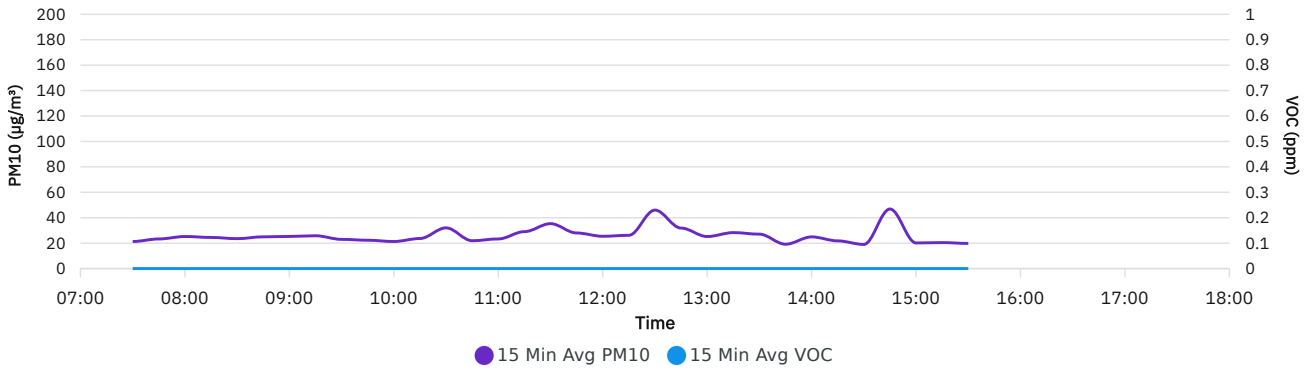
Wind rose (mph)



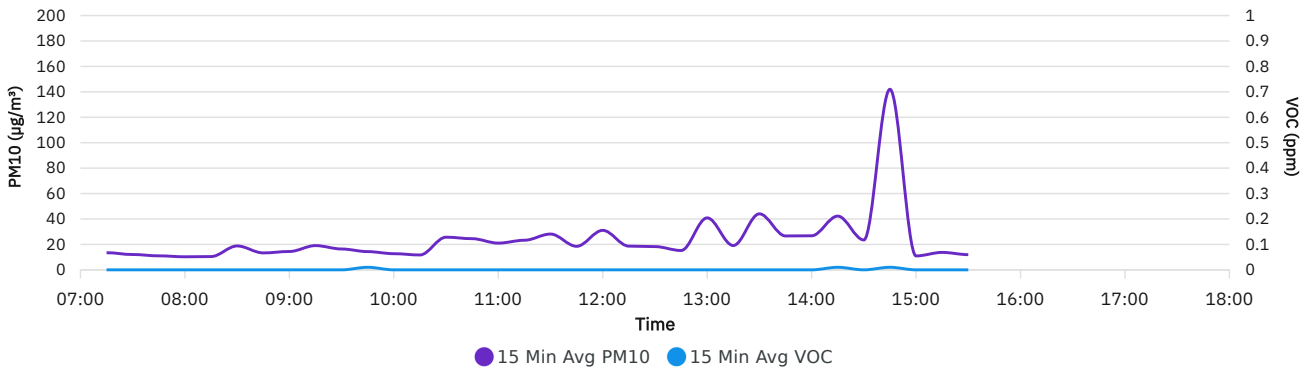
Northern Location



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
9/22/2025 07:15							3.5	S
9/22/2025 07:30	10.05	21.30	11.25	0.00	0.00	0.00	4.1	S
9/22/2025 07:45	14.98	19.34	4.36	0.00	0.00	0.00	4.2	S
9/22/2025 08:00	14.10	21.40	7.30	0.00	0.00	0.00	5.2	SSW
9/22/2025 08:15	15.13	19.80	4.67	0.00	0.00	0.00	6.5	SSW
9/22/2025 08:30	20.77	21.55	0.78	0.00	0.00	0.00	6.8	SSW
9/22/2025 08:45	14.27	24.03	9.76	0.00	0.00	0.00	7.0	SSW
9/22/2025 09:00	14.43	25.28	10.86	0.00	0.00	0.00	6.8	SSW
9/22/2025 09:15	19.06	25.82	6.76	0.00	0.00	0.00	7.2	SSW
9/22/2025 09:30	16.40	22.97	6.57	0.00	0.00	0.00	6.3	SSW
9/22/2025 09:45	15.00	21.65	6.65	0.01	0.00	0.00	6.3	SSW
9/22/2025 10:00	14.40	19.60	5.20	0.00	0.00	0.00	6.8	SSW
9/22/2025 10:15	19.20	16.15	0.00	0.00	0.00	0.00	7.5	S
9/22/2025 10:30	27.68	30.02	2.34	0.00	0.00	0.00	7.5	SSW
9/22/2025 10:45	25.05	21.38	0.00	0.00	0.00	0.00	8.0	SSW
9/22/2025 11:00	21.02	23.31	2.29	0.00	0.00	0.00	8.4	SSW
9/22/2025 11:15	23.28	29.05	5.77	0.00	0.00	0.00	8.2	SSW
9/22/2025 11:30	28.16	35.33	7.18	0.00	0.00	0.00	8.7	SSW
9/22/2025 11:45	19.29	27.23	7.95	0.00	0.00	0.00	8.5	SSW
9/22/2025 12:00	31.07	25.41	0.00	0.00	0.00	0.00	8.0	SW
9/22/2025 12:15	18.65	26.17	7.52	0.00	0.00	0.00	7.3	SW
9/22/2025 12:30	18.84	45.45	26.60	0.00	0.00	0.00	7.0	SSW
9/22/2025 12:45	17.10	29.97	12.86	0.00	0.00	0.00	6.1	SSW
9/22/2025 13:00	40.87	25.21	0.00	0.00	0.00	0.00	5.2	SW
9/22/2025 13:15	22.45	24.96	2.51	0.00	0.00	0.00	5.4	SSW
9/22/2025 13:30	31.69	39.43	7.73	0.00	0.00	0.00	4.9	SSW
9/22/2025 13:45	26.66	19.16	0.00	0.00	0.00	0.00	4.8	SW
9/22/2025 14:00	26.79	24.93	0.00	0.00	0.00	0.00	5.0	WSW
9/22/2025 14:15	42.26	21.79	0.00	0.01	0.00	0.00	6.1	SW
9/22/2025 14:30	23.51	18.98	0.00	0.00	0.00	0.00	5.4	SW
9/22/2025 14:45	143.00	45.88	0.00	0.01	0.00	0.00	4.4	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
9/22/2025 15:00	12.00	19.11	7.10	0.00	0.00	0.00	3.4	SW
9/22/2025 15:15	14.31	19.85	5.54	0.00	0.00	0.00	3.0	SW
9/22/2025 15:30	11.95	19.79	7.85	0.00	0.00	0.00	3.0	WSW

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
09/22/2025 07:15					13.46	0.00	S	3.5		
09/22/2025 07:30			21.30	0.00	12.06	0.00	S	4.1	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/22/2025 07:45			23.30	0.00	11.01	0.00	S	4.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 08:00			25.22	0.00	10.27	0.00	SSW	5.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 08:15			24.49	0.00	10.44	0.00	SSW	6.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 08:30			23.54	0.00	18.79	0.00	SSW	6.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 08:45			24.97	0.00	13.32	0.00	SSW	7.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 09:00			25.28	0.00	14.43	0.00	SSW	6.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 09:15			25.82	0.00	19.06	0.00	SSW	7.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 09:30			22.97	0.00	16.40	0.00	SSW	6.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 09:45			22.30	0.00	14.34	0.01	SSW	6.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 10:00			21.30	0.00	12.70	0.00	SSW	6.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 10:15			23.65	0.00	11.70	0.00	S	7.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 10:30			32.03	0.00	25.68	0.00	SSW	7.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 10:45			21.92	0.00	24.51	0.00	SSW	8.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 11:00			23.31	0.00	21.02	0.00	SSW	8.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 11:15			29.05	0.00	23.28	0.00	SSW	8.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 11:30			35.33	0.00	28.16	0.00	SSW	8.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 11:45			28.01	0.00	18.51	0.00	SSW	8.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 12:00			25.41	0.00	31.07	0.00	SW	8.0	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
09/22/2025 12:15			26.17	0.00	18.65	0.00	SW	7.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 12:30			46.01	0.00	18.28	0.00	SSW	7.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 12:45			31.85	0.00	15.22	0.00	SSW	6.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 13:00			25.21	0.00	40.87	0.00	SW	5.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 13:15			28.29	0.00	19.12	0.00	SSW	5.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 13:30			27.08	0.00	44.04	0.00	SSW	4.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 13:45			19.16	0.00	26.66	0.00	SW	4.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 14:00			24.93	0.00	26.79	0.00	WSW	5.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 14:15			21.79	0.00	42.26	0.01	SW	6.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 14:30			18.98	0.00	23.51	0.00	SW	5.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 14:45			46.86	0.00	142.02	0.01	SSW	4.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 15:00			20.16	0.00	10.95	0.00	SW	3.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 15:15			20.43	0.00	13.73	0.00	SW	3.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/22/2025 15:30			19.79	0.00	11.95	0.00	WSW	3.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)