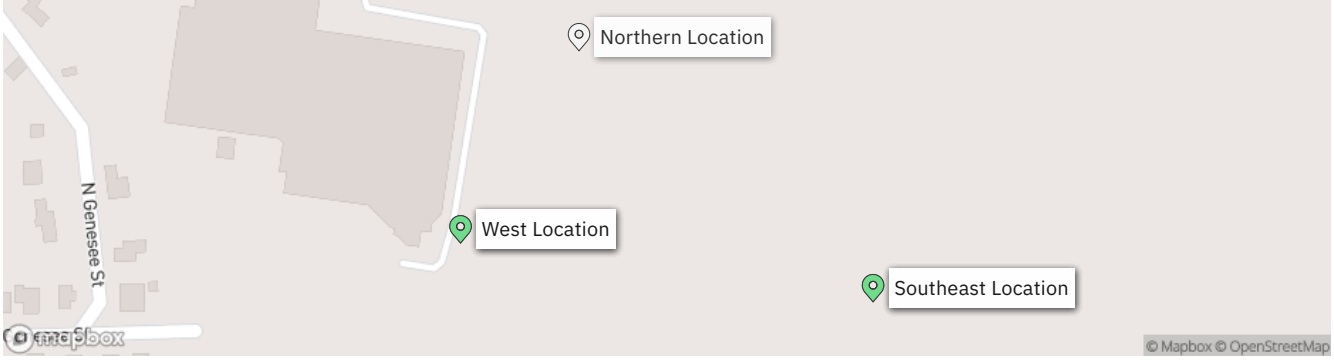
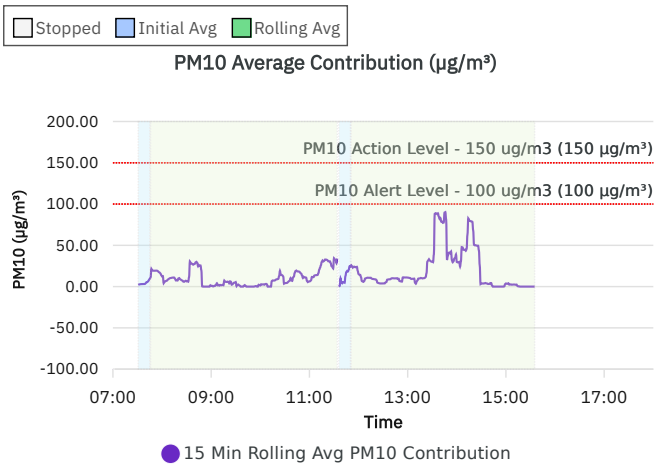
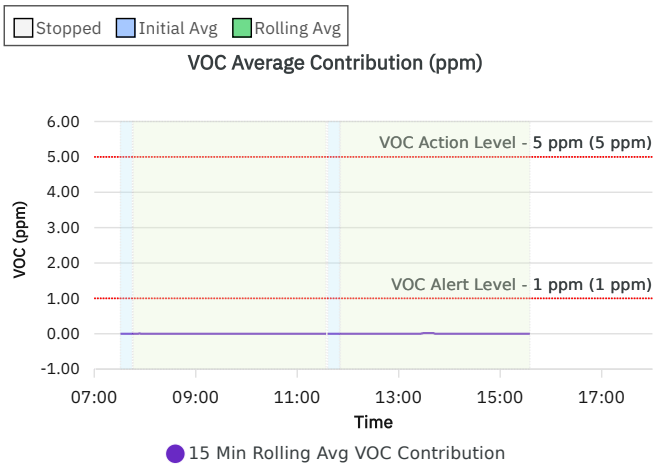
aeroqual	Site Contribution Report	Wyoming County - DEC Site Number V00189	
		Report Period	
		From:	08/28/2025 07:00
		To:	08/28/2025 18:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
08/28/2025	49.5 - 70.3	54.0 - 85.6	30.1 - 30.3	1.5 - 15.3	SW

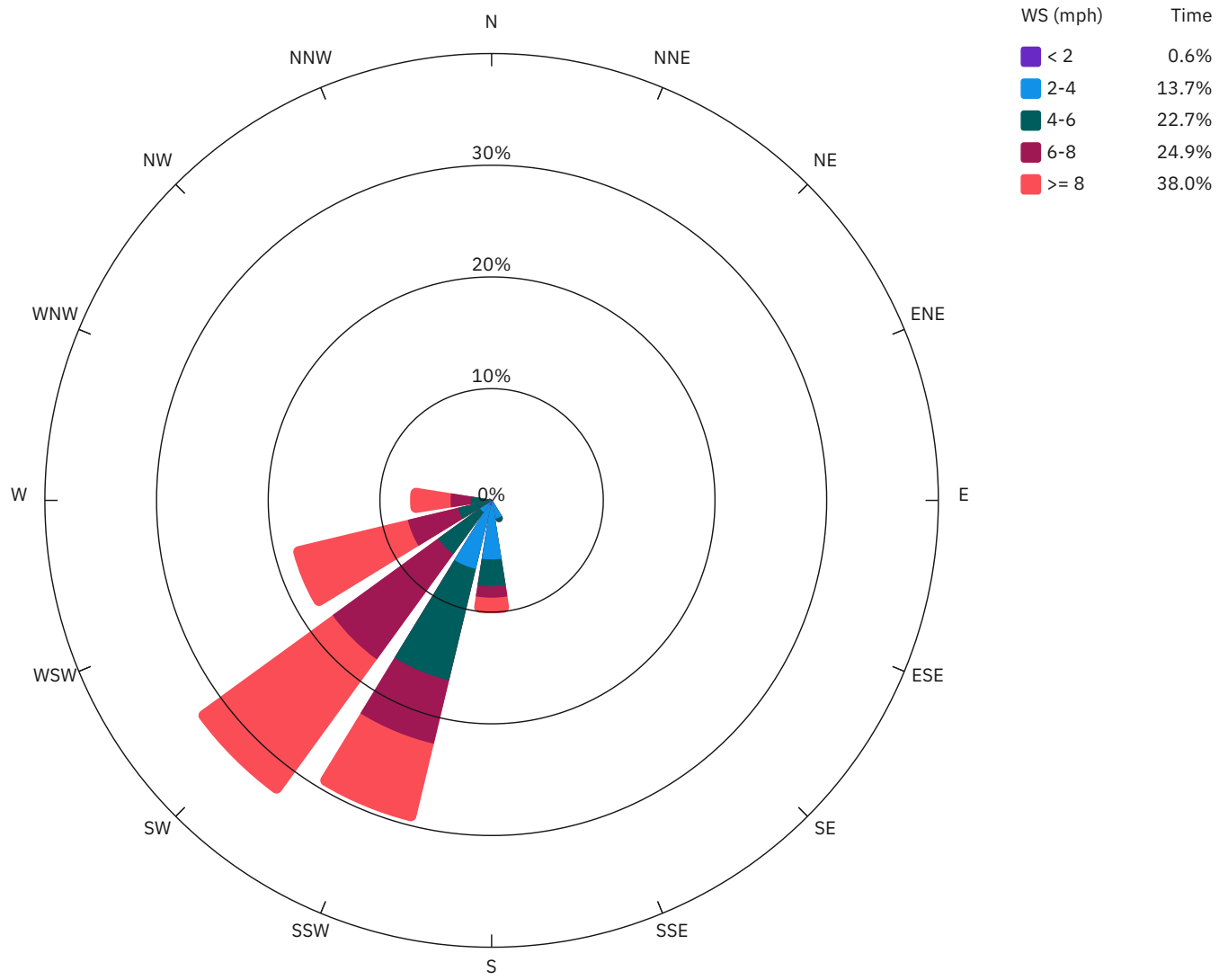
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 8/28/2025	0.00	09:45	0.00	07:45
Max Contribution (15 min avg.) - 8/28/2025	89.67	13:45	0.02	13:30
Daily Avg. Contribution (15 min avg.) - 8/28/2025	15.32	-	0.00	-



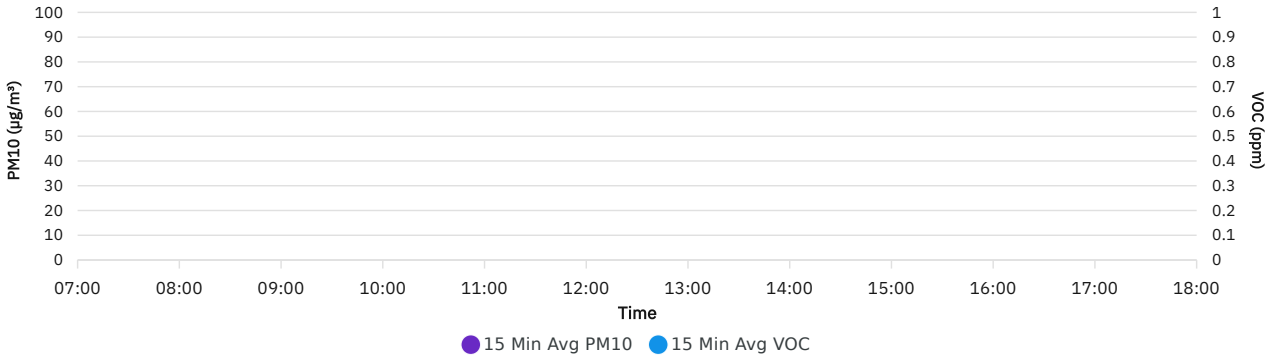




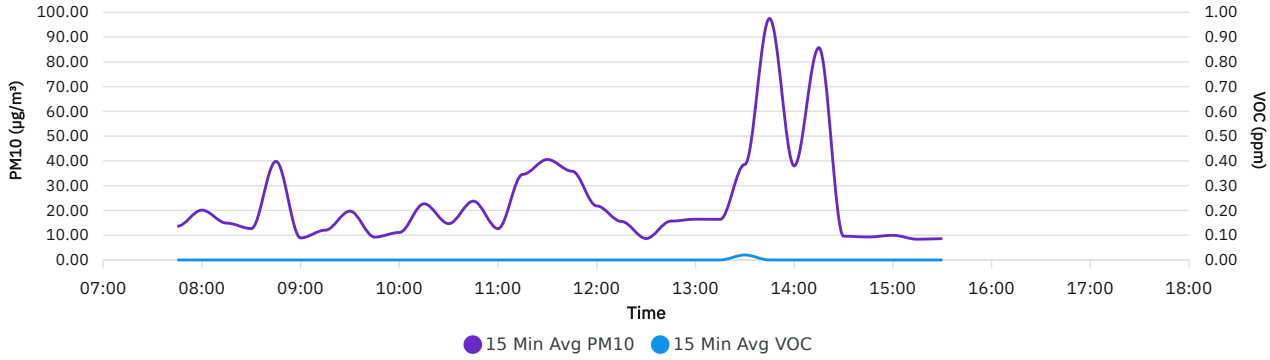
Wind rose (mph)



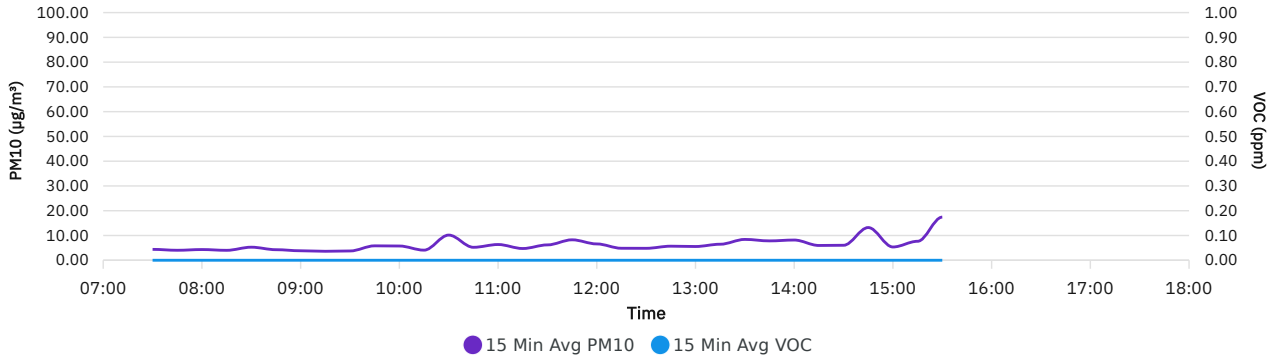
Northern Location



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
8/28/2025 07:30							4.0	SSW
8/28/2025 07:45	4.03	13.60	9.58	0.00	0.00	0.00	5.3	SSW
8/28/2025 08:00	6.05	18.39	12.34	0.00	0.00	0.00	5.3	SSW
8/28/2025 08:15	4.01	14.87	10.86	0.00	0.00	0.00	5.9	SSW
8/28/2025 08:30	5.80	12.14	6.34	0.00	0.00	0.00	5.8	SSW
8/28/2025 08:45	9.01	35.03	26.02	0.00	0.00	0.00	4.7	SSW
8/28/2025 09:00	5.94	6.78	0.84	0.00	0.00	0.00	2.9	SSW
8/28/2025 09:15	6.96	8.69	1.73	0.00	0.00	0.00	3.4	SSW
8/28/2025 09:30	9.00	14.47	5.47	0.00	0.00	0.00	4.0	SSW
8/28/2025 09:45	7.92	7.12	0.00	0.00	0.00	0.00	4.0	SSW
8/28/2025 10:00	7.70	9.15	1.45	0.00	0.00	0.00	3.7	SSW
8/28/2025 10:15	9.67	17.09	7.42	0.00	0.00	0.00	4.1	SSW
8/28/2025 10:30	10.36	14.45	4.09	0.00	0.00	0.00	7.7	SW
8/28/2025 10:45	5.23	23.74	18.51	0.00	0.00	0.00	9.8	WSW
8/28/2025 11:00	6.35	12.65	6.30	0.00	0.00	0.00	7.5	SW
8/28/2025 11:15	4.74	34.57	29.83	0.00	0.00	0.00	8.3	SSW
8/28/2025 11:30	6.20	40.57	34.37	0.00	0.00	0.00	9.5	SW
8/28/2025 11:45	11.58	29.09	17.50	0.00	0.00	0.00	10.2	SW
8/28/2025 12:00	6.59	21.81	15.22	0.00	0.00	0.00	10.9	SW
8/28/2025 12:15	4.84	15.53	10.69	0.00	0.00	0.00	11.9	SW
8/28/2025 12:30	4.82	8.65	3.83	0.00	0.00	0.00	9.2	SW
8/28/2025 12:45	5.68	15.68	10.01	0.00	0.00	0.00	10.1	WSW
8/28/2025 13:00	5.55	16.45	10.90	0.00	0.00	0.00	9.2	WSW
8/28/2025 13:15	6.47	16.40	9.93	0.00	0.00	0.00	8.4	SW
8/28/2025 13:30	8.41	38.59	30.18	0.00	0.02	0.02	6.8	SW
8/28/2025 13:45	7.82	97.49	89.67	0.00	0.00	0.00	6.4	SW
8/28/2025 14:00	8.16	37.99	29.83	0.00	0.00	0.00	7.5	WSW
8/28/2025 14:15	5.97	85.71	79.74	0.00	0.00	0.00	7.1	SW
8/28/2025 14:30	6.05	9.59	3.54	0.00	0.00	0.00	7.9	SW
8/28/2025 14:45	13.20	9.27	0.00	0.00	0.00	0.00	7.9	SW
8/28/2025 15:00	5.75	9.55	3.80	0.00	0.00	0.00	6.4	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
8/28/2025 15:15	7.85	8.17	0.31	0.00	0.00	0.00	6.6	SW
8/28/2025 15:30	17.42	8.59	0.00	0.00	0.00	0.00	7.3	W

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
08/28/2025 07:30					4.39	0.00	SSW	4.0		
08/28/2025 07:45			13.60	0.00	4.03	0.00	SSW	5.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 08:00			20.12	0.00	4.32	0.00	SSW	5.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 08:15			14.87	0.00	4.01	0.00	SSW	5.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 08:30			12.67	0.00	5.27	0.00	SSW	5.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 08:45			39.79	0.00	4.26	0.00	SSW	4.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 09:00			8.90	0.00	3.83	0.00	SSW	2.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 09:15			12.03	0.00	3.62	0.00	SSW	3.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 09:30			19.71	0.00	3.75	0.00	SSW	4.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 09:45			9.22	0.00	5.82	0.00	SSW	4.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 10:00			11.10	0.00	5.75	0.00	SSW	3.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 10:15			22.68	0.00	4.08	0.00	SSW	4.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 10:30			14.65	0.00	10.16	0.00	SW	7.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 10:45			23.74	0.00	5.23	0.00	WSW	9.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 11:00			12.65	0.00	6.35	0.00	SW	7.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 11:15			34.57	0.00	4.74	0.00	SSW	8.3	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)	
08/28/2025 11:30			40.57	0.00	6.20	0.00	SW	9.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 11:45			35.84	0.00	8.25	0.00	SW	10.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 12:00			21.81	0.00	6.59	0.00	SW	10.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 12:15			15.53	0.00	4.84	0.00	SW	11.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 12:30			8.65	0.00	4.82	0.00	SW	9.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 12:45			15.68	0.00	5.68	0.00	WSW	10.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 13:00			16.45	0.00	5.55	0.00	WSW	9.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 13:15			16.40	0.00	6.47	0.00	SW	8.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 13:30			38.59	0.02	8.41	0.00	SW	6.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 13:45			97.49	0.00	7.82	0.00	SW	6.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 14:00			37.99	0.00	8.16	0.00	WSW	7.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 14:15			85.71	0.00	5.97	0.00	SW	7.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 14:30			9.59	0.00	6.05	0.00	SW	7.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 14:45			9.27	0.00	13.20	0.00	SW	7.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 15:00			9.94	0.00	5.36	0.00	SSW	6.4	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
08/28/2025 15:15			8.36	0.00	7.66	0.00	SW	6.6	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
08/28/2025 15:30			8.59	0.00	17.42	0.00	W	7.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)