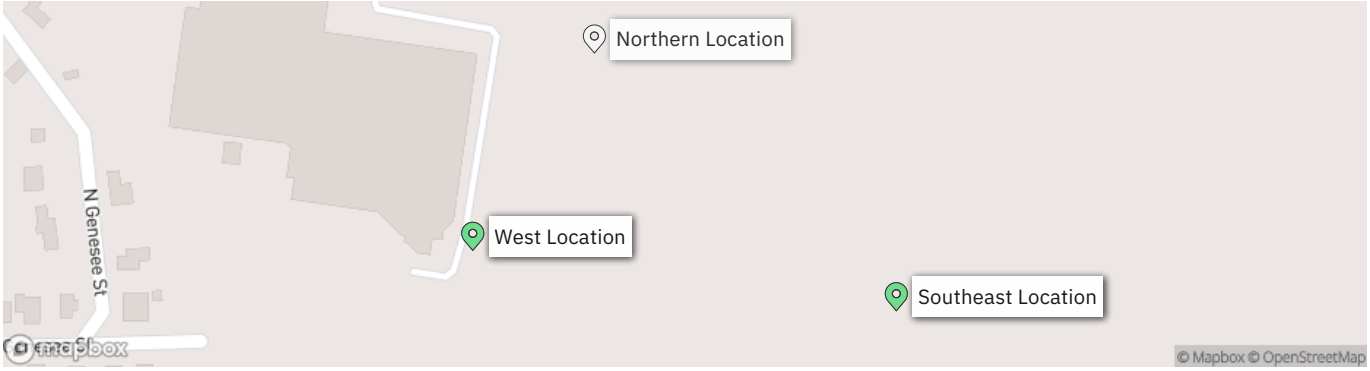
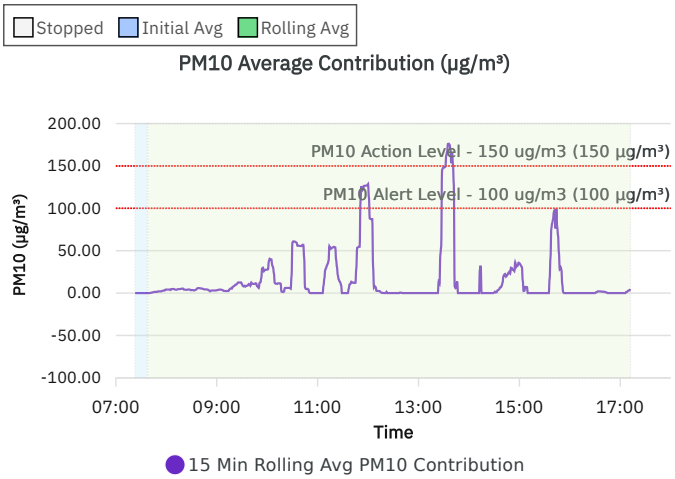
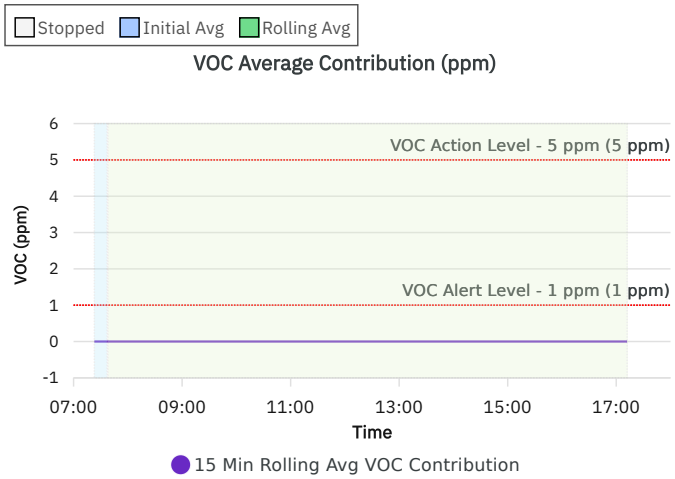
aeroqual	Site Contribution Report	Wyoming County - DEC Site Number V00189	
		Report Period	
		From:	09/08/2025 07:00
		To:	09/08/2025 18:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
09/08/2025	44.2 - 71.6	51.5 - 95.7	30.4 - 30.5	0.7 - 8.5	NNW

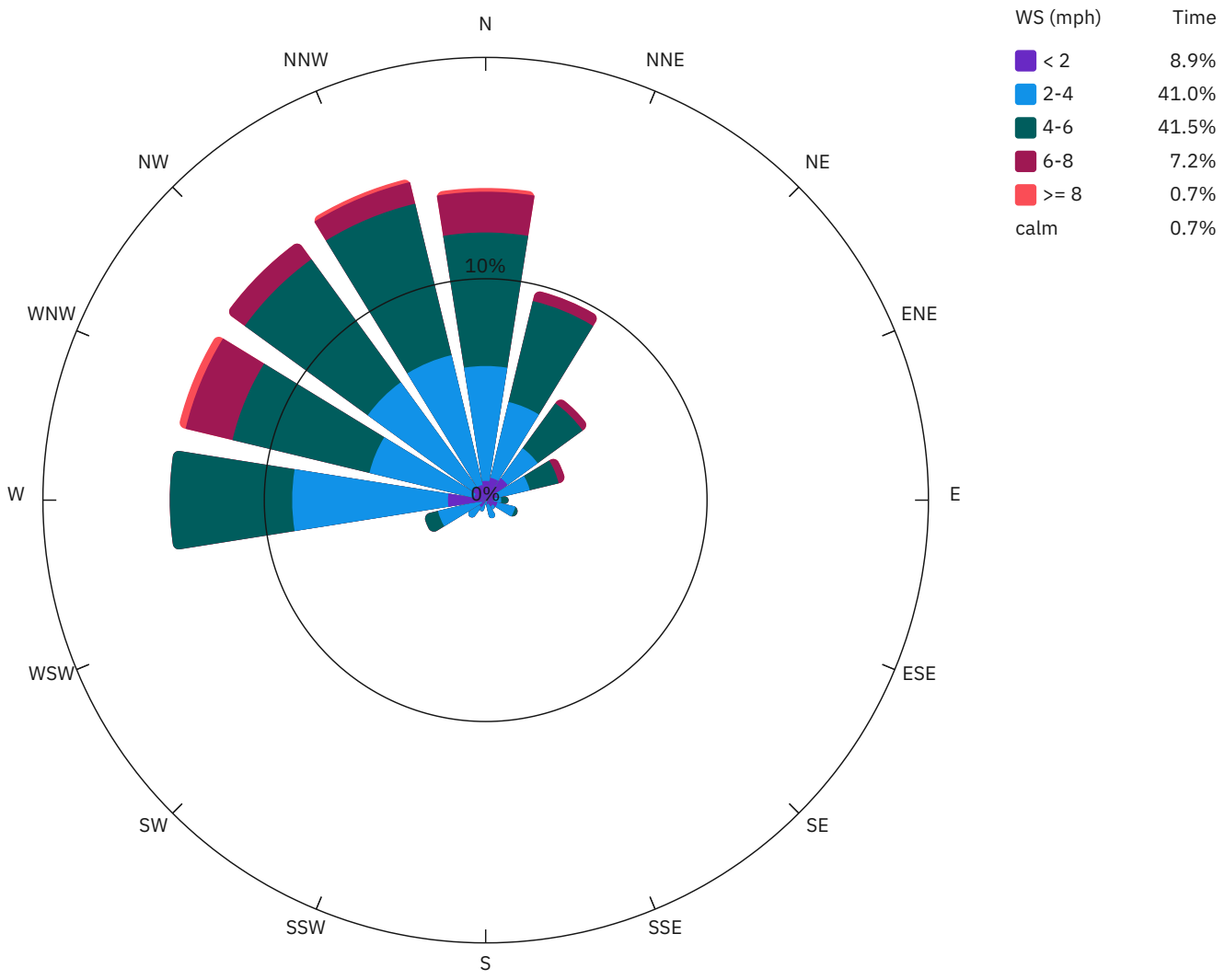
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 9/8/2025	0.00	07:30	0.00	07:30
Max Contribution (15 min avg.) - 9/8/2025	148.29	13:30	0.00	07:30
Daily Avg. Contribution (15 min avg.) - 9/8/2025	16.32	-	0.00	-



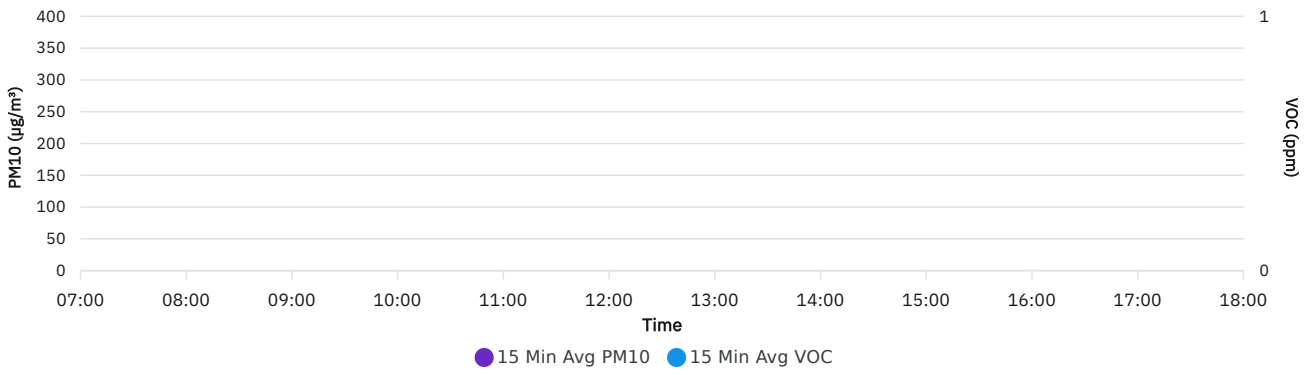




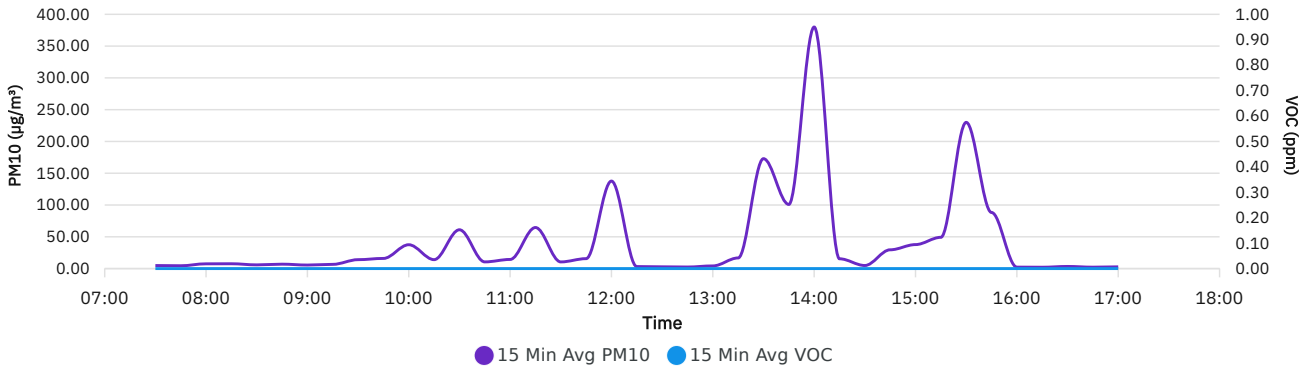
Wind rose (mph)



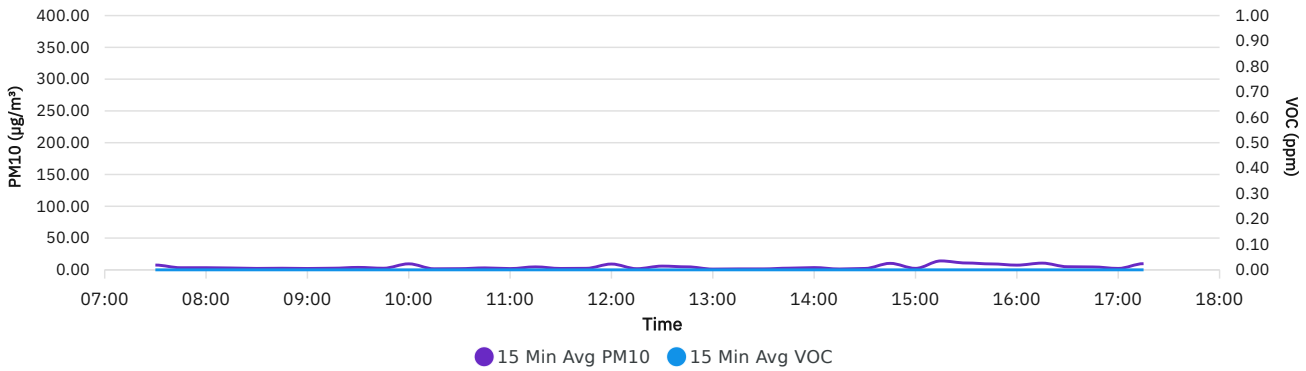
Northern Location



Southeast Location



West Location



Parameter	Action Level	Time Triggered	Cause	Mitigation
PM10	150.00 µg/m³	9/8/2025 13:33		

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
9/8/2025 03:30	7.51	4.68	0.00	0.00	0.00	0.00	3.5	W
9/8/2025 03:45	3.34	4.48	1.14	0.00	0.00	0.00	4.2	W
9/8/2025 04:00	3.37	7.48	4.11	0.00	0.00	0.00	3.5	W
9/8/2025 04:15	2.91	7.60	4.69	0.00	0.00	0.00	3.8	W
9/8/2025 04:30	2.26	5.84	3.59	0.00	0.00	0.00	4.2	WNW
9/8/2025 04:45	2.55	6.94	4.39	0.00	0.00	0.00	3.7	NW
9/8/2025 05:00	2.14	5.56	3.41	0.00	0.00	0.00	4.9	NNW
9/8/2025 05:15	2.58	6.65	4.07	0.00	0.00	0.00	5.4	WNW
9/8/2025 05:30	3.65	14.21	10.56	0.00	0.00	0.00	4.7	NW
9/8/2025 05:45	3.83	14.69	10.86	0.00	0.00	0.00	5.0	N
9/8/2025 06:00	9.65	37.31	27.66	0.00	0.00	0.00	4.5	NW
9/8/2025 06:15	2.10	13.61	11.52	0.00	0.00	0.00	2.5	NW
9/8/2025 06:30	1.68	61.26	59.58	0.00	0.00	0.00	3.4	NNW
9/8/2025 06:45	3.50	10.10	6.60	0.00	0.00	0.00	3.2	W
9/8/2025 07:00	13.61	2.76	0.00	0.00	0.00	0.00	0.8	NNE
9/8/2025 07:15	8.67	60.57	51.89	0.00	0.00	0.00	3.7	NNW
9/8/2025 07:30	9.39	3.27	0.00	0.00	0.00	0.00	2.6	N
9/8/2025 07:45	2.95	15.09	12.15	0.00	0.00	0.00	1.4	NW
9/8/2025 08:00	9.14	137.65	128.51	0.00	0.00	0.00	3.3	NW
9/8/2025 08:15	1.98	3.01	1.04	0.00	0.00	0.00	2.1	W
9/8/2025 08:30	4.72	3.95	0.00	0.00	0.00	0.00	3.9	N
9/8/2025 08:45	5.38	1.81	0.00	0.00	0.00	0.00	2.5	NNW
9/8/2025 09:00	3.38	2.02	0.00	0.00	0.00	0.00	4.6	NNE
9/8/2025 09:15	16.50	1.73	0.00	0.00	0.00	0.00	3.4	NNE
9/8/2025 09:30	13.06	161.34	148.29	0.00	0.00	0.00	3.1	NW
9/8/2025 09:45	47.76	55.81	8.05	0.00	0.00	0.00	4.2	NNW
9/8/2025 10:00	336.98	46.55	0.00	0.00	0.00	0.00	3.4	NE
9/8/2025 10:15	11.59	5.14	0.00	0.00	0.00	0.00	4.1	NNE
9/8/2025 10:30	3.21	3.83	0.62	0.00	0.00	0.00	1.8	NW
9/8/2025 10:45	9.71	30.03	20.33	0.00	0.00	0.00	4.0	NNW
9/8/2025 11:00	2.35	37.75	35.40	0.00	0.00	0.00	4.2	NW

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
9/8/2025 11:15	48.60	14.61	0.00	0.00	0.00	0.00	2.2	ENE
9/8/2025 11:30	192.78	48.01	0.00	0.00	0.00	0.00	1.7	NE
9/8/2025 11:45	9.76	87.84	78.08	0.00	0.00	0.00	3.5	NW
9/8/2025 12:00	5.31	4.40	0.00	0.00	0.00	0.00	4.2	NW
9/8/2025 12:15	10.84	1.88	0.00	0.00	0.00	0.00	3.8	N
9/8/2025 12:30	4.91	3.36	0.00	0.00	0.00	0.00	2.2	NW
9/8/2025 12:45	4.23	2.54	0.00	0.00	0.00	0.00	3.2	NW
9/8/2025 13:00	2.82	2.17	0.00	0.00	0.00	0.00	1.4	NNW
9/8/2025 13:15							3.6	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
09/08/2025 07:30			4.80	0.00	7.51	0.00	W	3.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 07:45			4.48	0.00	3.34	0.00	W	4.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 08:00			7.48	0.00	3.37	0.00	W	3.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 08:15			7.60	0.00	2.91	0.00	W	3.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 08:30			5.84	0.00	2.26	0.00	WNW	4.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 08:45			6.94	0.00	2.55	0.00	NW	3.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 09:00			5.56	0.00	2.14	0.00	NNW	4.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 09:15			6.65	0.00	2.58	0.00	WNW	5.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 09:30			14.03	0.00	3.84	0.00	NW	4.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 09:45			15.97	0.00	2.54	0.00	N	5.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 10:00			37.52	0.00	9.44	0.00	NW	4.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 10:15			14.05	0.00	1.66	0.00	NW	2.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 10:30			61.06	0.00	1.88	0.00	NNW	3.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 10:45			10.52	0.00	3.08	0.00	W	3.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 11:00			14.37	0.00	2.00	0.00	NNE	0.8	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/08/2025 11:15			64.59	0.00	4.65	0.00	NNW	3.7	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 11:30			10.48	0.00	2.18	0.00	N	2.6	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 11:45			15.63	0.00	2.41	0.00	NW	1.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 12:00			137.65	0.00	9.14	0.00	NW	3.3	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 12:15			3.19	0.00	1.81	0.00	W	2.1	West Location	Southeast Location

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)	(PM10; VOC)
09/08/2025 12:30			2.79	0.00	5.88	0.00	N	3.9	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 12:45			2.48	0.00	4.70	0.00	NNW	2.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 13:00			4.19	0.00	1.20	0.00	NNE	4.6	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/08/2025 13:15			16.74	0.00	1.49	0.00	NNE	3.4	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/08/2025 13:30			172.89	0.00	1.51	0.00	NW	3.1	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 13:45			100.93	0.00	2.65	0.00	NNW	4.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 14:00			379.98	0.00	3.55	0.00	NE	3.4	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/08/2025 14:15			15.40	0.00	1.33	0.00	NNE	4.1	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/08/2025 14:30			4.85	0.00	2.20	0.00	NW	1.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 14:45			29.54	0.00	10.20	0.00	NNW	4.0	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 15:00			37.75	0.00	2.35	0.00	NW	4.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 15:15			49.19	0.00	14.03	0.00	ENE	2.2	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/08/2025 15:30			230.01	0.00	10.79	0.00	NE	1.7	Southeast Location (PM10; VOC)	West Location (PM10; VOC)
09/08/2025 15:45			88.27	0.00	9.32	0.00	NW	3.5	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 16:00			2.30	0.00	7.41	0.00	NW	4.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 16:15			2.14	0.00	10.58	0.00	N	3.8	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 16:30			3.36	0.00	4.91	0.00	NW	2.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 16:45			2.23	0.00	4.54	0.00	NW	3.2	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 17:00			2.74	0.00	2.25	0.00	NNW	1.4	West Location (PM10; VOC)	Southeast Location (PM10; VOC)
09/08/2025 17:15					9.70	0.00	NNE	3.6		