

REPORT CONTEXT

FACILITY Murphy	SCOPE 4 sensors · 1 station	REPORT PERIOD 2026.09.14 00:00 – 2026.09.21 00:00 (UTC-07:00)	GENERATED 2026.09.22	PREPARED BY lou.zylstra@ebresources.com
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Report summary

AI-generated · Report-wide overview

The individual sensor report for equipment SL052301 at the Murphy facility shows data from sensors measuring Hydrogen Sulfide (H2S), Sulfur Dioxide (SO2), Total VOC - PID (TVOC), and Sound Intensity Level - Class II over a specified period. All sensors reported no exceedances, with their readings mostly within target average values and no significant trends detected. Several flatline events were noted on H2S and TVOC sensors, while spikes were more frequent for SO2 and Sound Intensity Level sensors.

- Hydrogen Sulfide (H2S-10) sensor recorded zero ppm readings consistently with 0 exceedances and several justified flatline events totaling thousands of occurrences.
- Sulfur Dioxide (SO2-20) sensor showed daily max readings ranging approximately from 0.015 to 0.033 ppm with no exceedances and spikes about 3.3 times more frequent this week than usual.
- Total VOC (TVOC-P-40) sensor max values ranged up to 0.003 ppm, with no exceedances and numerous justified flatline events across the reporting period.
- Sound Intensity Level - Class II sensor readings ranged approximately from 57.7 to 72.3 dBA with no exceedances and spikes about 4.4 times more frequent this week than usual.
- No significant trends were observed in the air quality indices (AQI) or sound intensity levels throughout the monitored timeframe.

Sensor roster

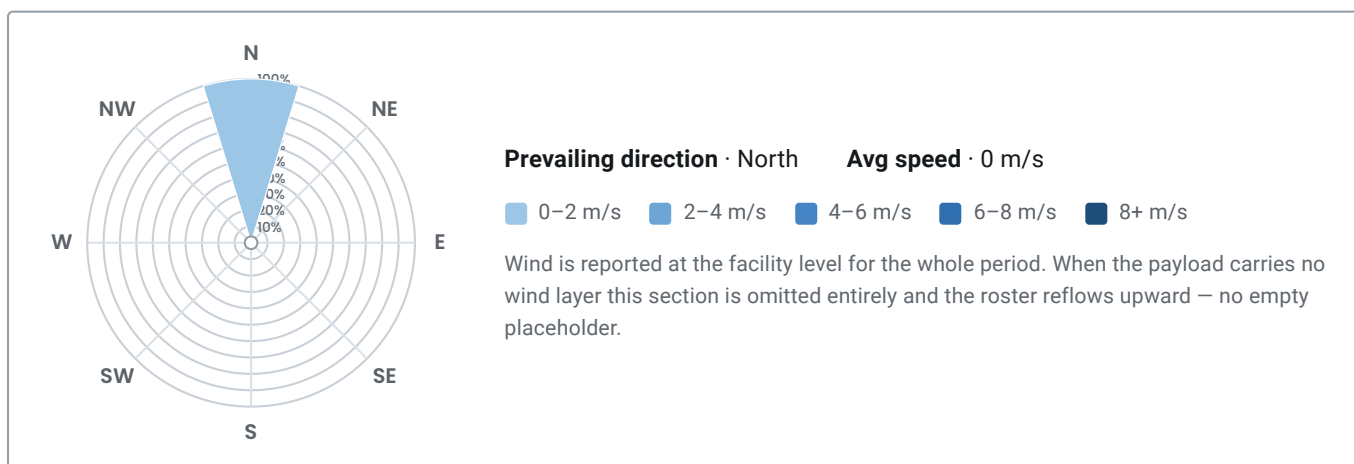
One row per sensor record

SENSOR	PARAMETER	EQUIPMENT	ALARM COND.	EXC.	EVENTS	SCHEME	STATUS
5546	Concentration	SL052301	N/A	0	4	AQI	● Normal
5549	Concentration	SL052301	N/A	0	2	AQI	● Normal
5556	Concentration	SL052301	N/A	0	85	AQI	● Normal
5594	Concentration	SL052301	N/A	0	23	—	● Normal

All 4 sensor records in this report. Rows use existing dataset statuses only — no aggregate health score is synthesised.

Site conditions — wind

Facility-level · shown once



Hydrogen Sulfide

Sensor 5546 · Concentration · ppm

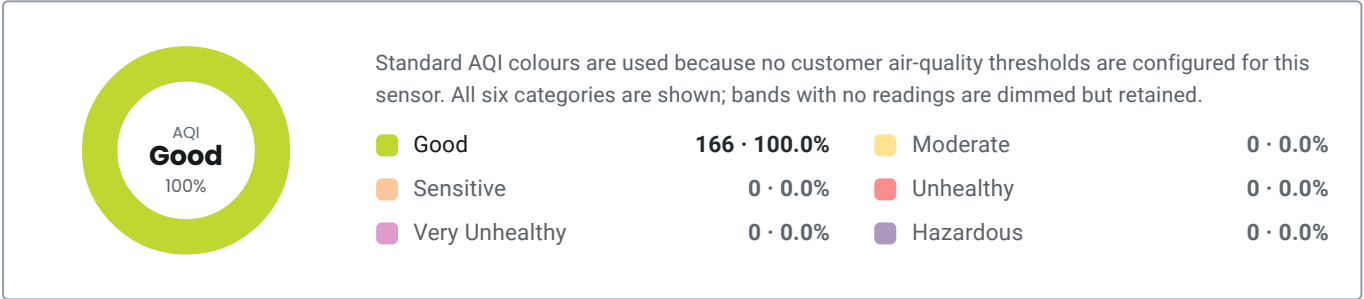
SL052301

SENSOR DETAIL & KEY METRICS

EQUIP. NAME SL052301		EQUIPMENT ID SL052301		SENSOR ID 5546	
PARAMETER Concentration		UNIT ppm		LAST CALIBRATION N/A	
EXCEEDANCES 0		EXCEEDED TIME 0%		ALARM CONDITION N/A	
				CONNECTED EVENTS 4	

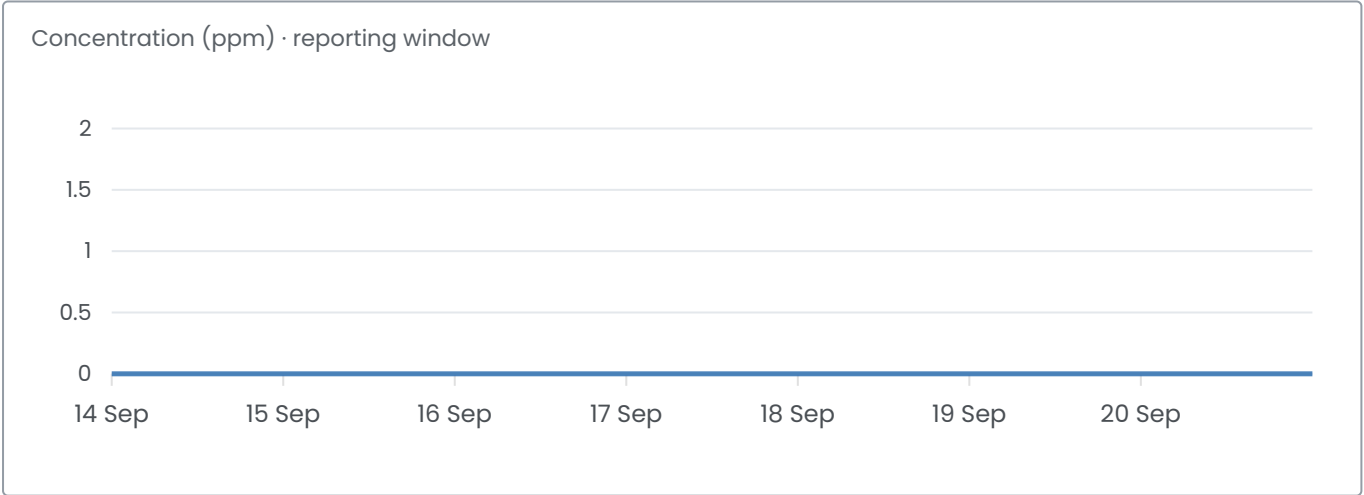
Air quality — Standard AQI

Resolved scheme · AQI fallback

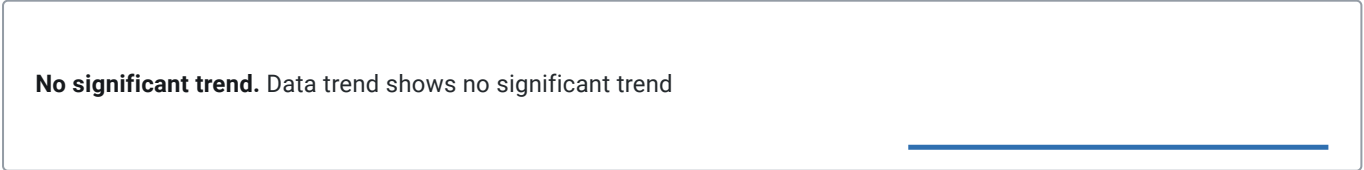


Concentration trend

Primary visual · full width



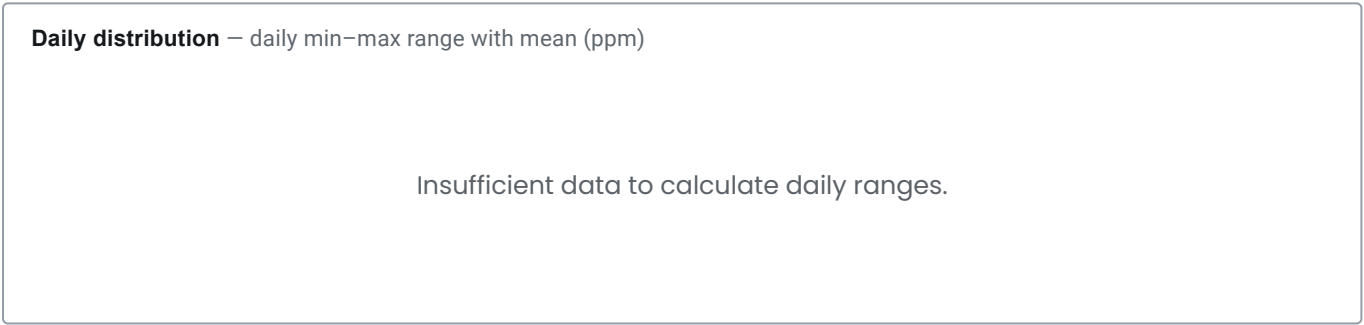
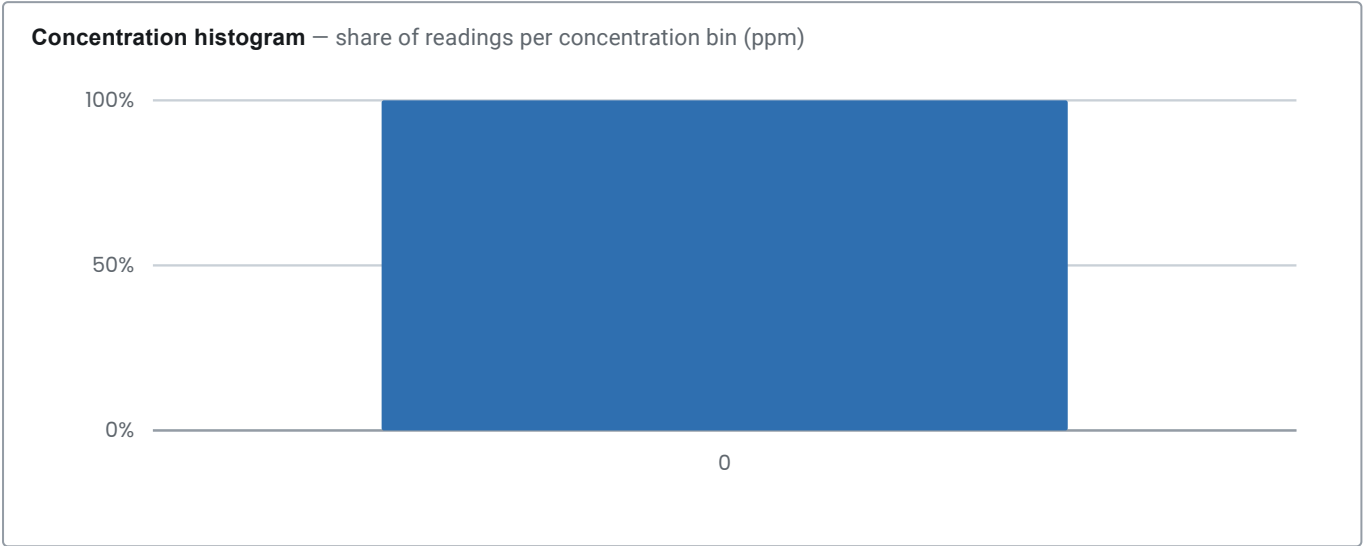
DATA TREND



Hydrogen Sulfide • Sensor 5546 — supporting analysis (continued)

Distribution analysis

Stacked full width



CONNECTED EVENTS

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 13, 23:57 – Sep 14, 19:31	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	1175
Sep 14, 19:33 – Sep 15, 15:07	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	1177
Sep 15, 15:08 – Sep 19, 17:07	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	6039
Sep 19, 17:09 – Sep 21, 08:20	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	2397

Sulfur Dioxide

Sensor 5549 · Concentration · ppm

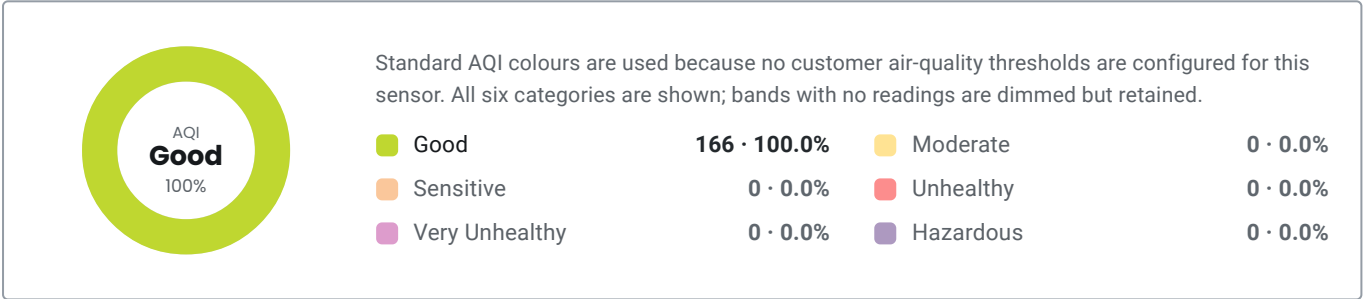
SL052301

SENSOR DETAIL & KEY METRICS

EQUIP. NAME SL052301		EQUIPMENT ID SL052301		SENSOR ID 5549	
PARAMETER Concentration		UNIT ppm		LAST CALIBRATION N/A	
EXCEEDANCES 0		EXCEEDED TIME 0%		ALARM CONDITION N/A	
				CONNECTED EVENTS 2	

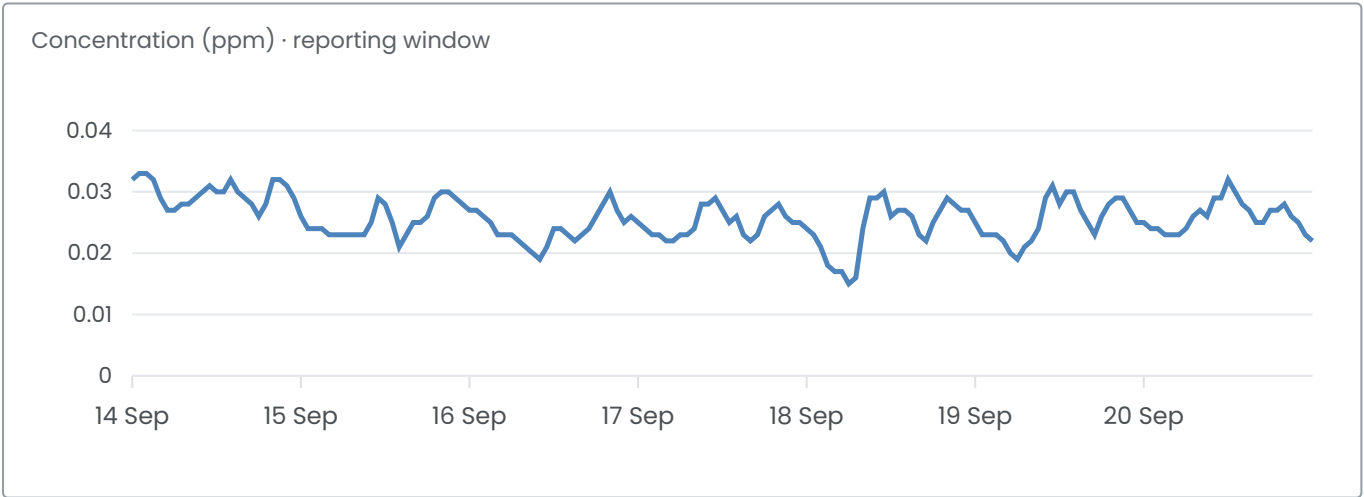
Air quality — Standard AQI

Resolved scheme · AQI fallback

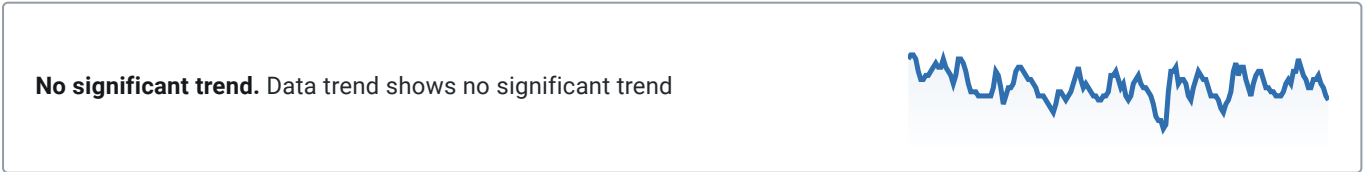


Concentration trend

Primary visual · full width



DATA TREND

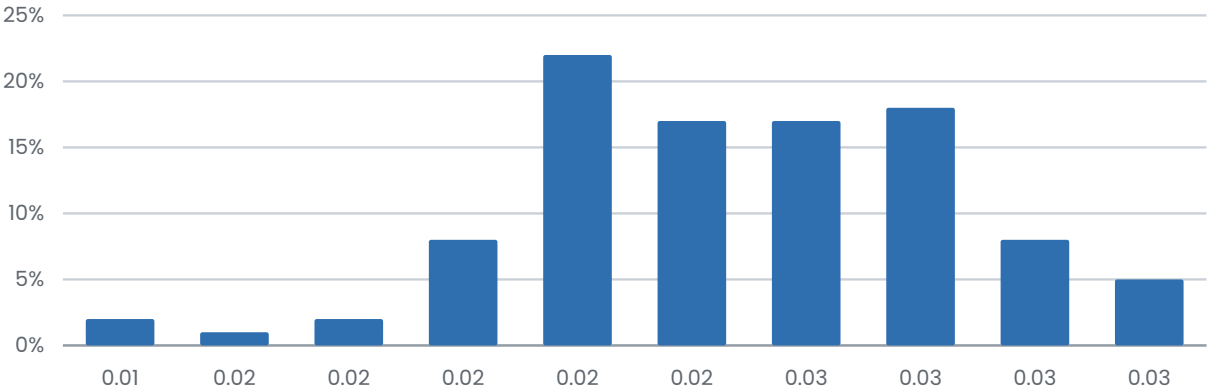


Sulfur Dioxide · Sensor 5549 — supporting analysis (continued)

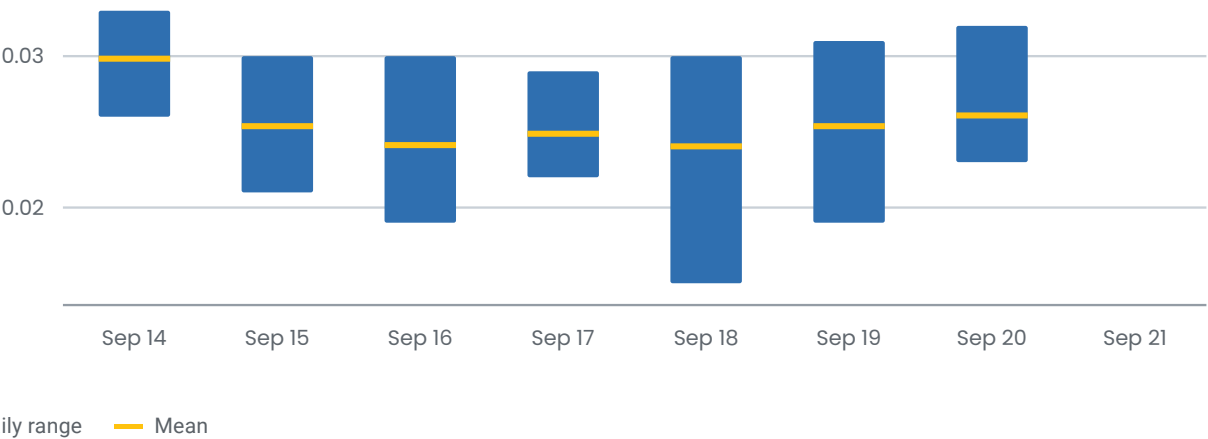
Distribution analysis

Stacked full width

Concentration histogram — share of readings per concentration bin (ppm)



Daily distribution — daily min-max range with mean (ppm)



CONNECTED EVENTS

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 6, 17:00 – Sep 13, 17:00	frequency_trend	Spikes on Sulfur Dioxide are about 3.3 times more frequent this week than usual	Justified	5
Sep 19, 17:08 – Sep 19, 17:08	spike	spike detected on SO2-20 sensor for equipment: SL052301	Not Yet Justified	1

Total VOC – PID

Sensor 5556 · Concentration · ppm

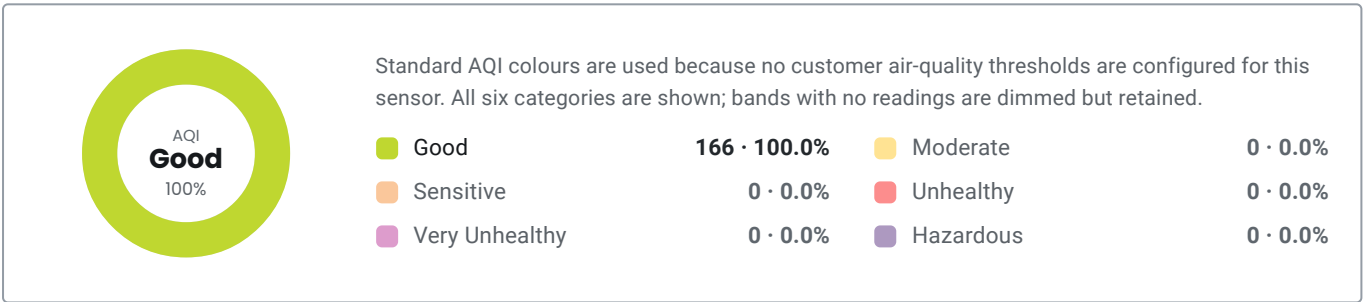
SL052301

SENSOR DETAIL & KEY METRICS

EQUIP. NAME SL052301		EQUIPMENT ID SL052301		SENSOR ID 5556	
PARAMETER Concentration		UNIT ppm		LAST CALIBRATION 2023.08.08	
EXCEEDANCES 0		EXCEEDED TIME 0%		ALARM CONDITION N/A	
				CONNECTED EVENTS 85	

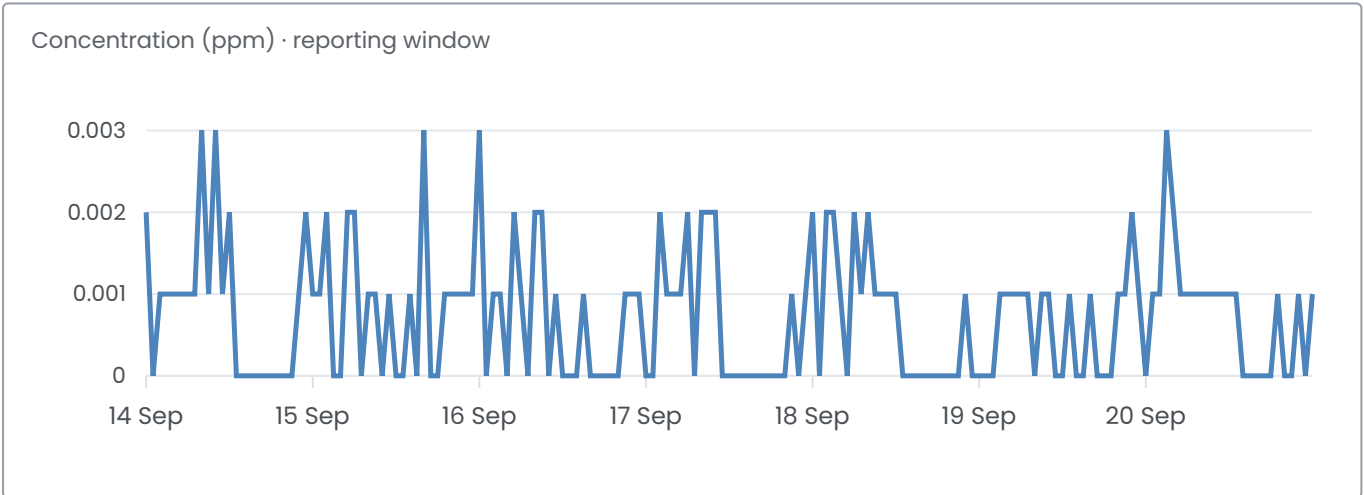
Air quality — Standard AQI

Resolved scheme · AQI fallback

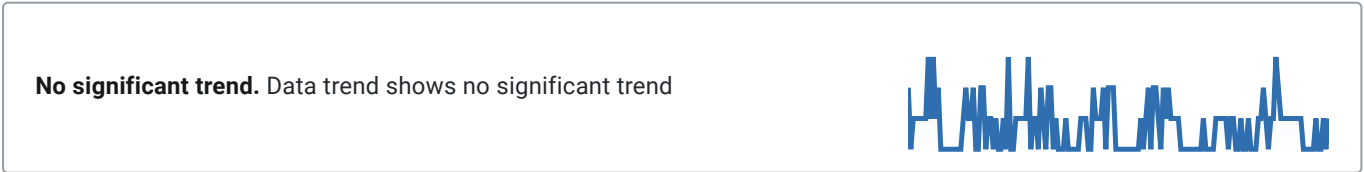


Concentration trend

Primary visual · full width



DATA TREND

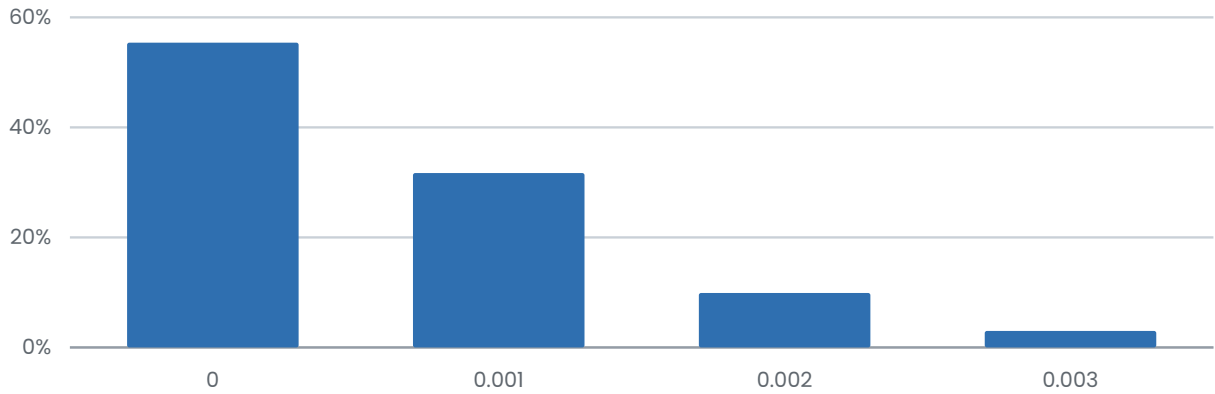


Total VOC – PID • Sensor 5556 – supporting analysis (continued)

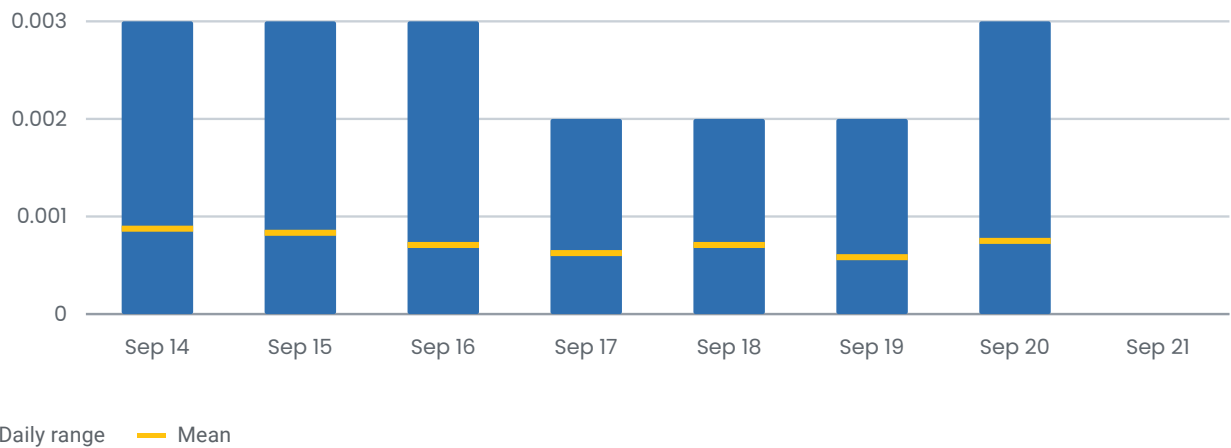
Distribution analysis

Stacked full width

Concentration histogram – share of readings per concentration bin (ppm)



Daily distribution – daily min-max range with mean (ppm)



Total VOC – PID • Sensor 5556 — connected events (continued)

CONNECTED EVENTS

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 13, 23:40 – Sep 14, 00:17	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	10
Sep 14, 01:50 – Sep 14, 02:20	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	3
Sep 14, 05:28 – Sep 14, 06:01	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	7
Sep 14, 06:31 – Sep 14, 07:08	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	9
Sep 14, 11:19 – Sep 14, 11:57	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	10
Sep 14, 11:59 – Sep 14, 13:12	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	46
Sep 14, 13:14 – Sep 14, 17:57	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	258
Sep 14, 17:59 – Sep 14, 19:43	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	79
Sep 14, 19:52 – Sep 14, 20:20	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Sep 14, 20:53 – Sep 14, 21:25	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	5
Sep 14, 21:31 – Sep 14, 22:11	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	14
Sep 15, 00:19 – Sep 15, 01:12	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	26
Sep 15, 02:45 – Sep 15, 03:57	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	46
Sep 15, 06:27 – Sep 15, 07:16	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	23
Sep 15, 08:40 – Sep 15, 09:28	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	17

Total VOC – PID • Sensor 5556 — connected events (continued)

CONNECTED EVENTS • EVENTS 16–30 OF 85

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 15, 09:38 – Sep 15, 10:15	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	10
Sep 15, 10:17 – Sep 15, 10:45	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	2
Sep 15, 10:57 – Sep 15, 11:26	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	2
Sep 15, 11:38 – Sep 15, 13:14	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	70
Sep 15, 13:16 – Sep 15, 15:07	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	86
Sep 15, 15:08 – Sep 15, 15:44	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	8
Sep 15, 15:46 – Sep 15, 16:24	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	10
Sep 15, 16:43 – Sep 15, 18:03	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	53
Sep 15, 18:32 – Sep 15, 19:27	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	30
Sep 15, 20:17 – Sep 15, 20:51	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	7
Sep 15, 21:16 – Sep 15, 21:47	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	4
Sep 15, 22:14 – Sep 15, 22:43	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	2
Sep 15, 23:46 – Sep 16, 01:01	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	49
Sep 16, 02:45 – Sep 16, 04:03	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	52
Sep 16, 04:55 – Sep 16, 05:36	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	15

Total VOC – PID • Sensor 5556 — connected events (continued)

CONNECTED EVENTS • EVENTS 31–45 OF 85

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 16, 05:55 – Sep 16, 06:42	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	20
Sep 16, 09:32 – Sep 16, 10:10	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	11
Sep 16, 10:33 – Sep 16, 11:36	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	38
Sep 16, 11:53 – Sep 16, 14:01	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	105
Sep 16, 14:03 – Sep 16, 17:46	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	204
Sep 16, 17:48 – Sep 16, 19:48	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	93
Sep 16, 21:05 – Sep 16, 21:35	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	2
Sep 16, 21:41 – Sep 16, 22:50	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	43
Sep 16, 23:11 – Sep 17, 00:54	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	78
Sep 17, 03:27 – Sep 17, 04:20	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	27
Sep 17, 04:34 – Sep 17, 05:06	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	5
Sep 17, 10:14 – Sep 17, 11:03	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	22
Sep 17, 11:09 – Sep 17, 12:48	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	75
Sep 17, 13:20 – Sep 17, 16:41	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	180
Sep 17, 16:43 – Sep 17, 19:33	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	148

Total VOC – PID • Sensor 5556 — connected events (continued)

CONNECTED EVENTS • EVENTS 46–60 OF 85

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 17, 21:10 – Sep 17, 21:49	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	11
Sep 17, 21:52 – Sep 17, 22:22	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	3
Sep 18, 00:05 – Sep 18, 00:46	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	15
Sep 18, 01:20 – Sep 18, 01:49	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	2
Sep 18, 03:50 – Sep 18, 04:40	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	24
Sep 18, 06:03 – Sep 18, 06:36	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	7
Sep 18, 08:27 – Sep 18, 09:05	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	11
Sep 18, 09:20 – Sep 18, 09:59	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	12
Sep 18, 10:22 – Sep 18, 11:20	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	32
Sep 18, 11:21 – Sep 18, 18:25	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	409
Sep 18, 20:01 – Sep 18, 21:21	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	56
Sep 18, 21:35 – Sep 18, 22:27	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	26
Sep 18, 22:37 – Sep 18, 23:10	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	6
Sep 18, 23:12 – Sep 19, 00:46	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	67
Sep 19, 01:10 – Sep 19, 01:41	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	5

Total VOC – PID · Sensor 5556 — connected events (continued)

CONNECTED EVENTS · EVENTS 61–75 OF 85

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 19, 02:46 – Sep 19, 03:42	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	30
Sep 19, 06:59 – Sep 19, 07:30	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	4
Sep 19, 09:57 – Sep 19, 10:28	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	4
Sep 19, 10:52 – Sep 19, 11:51	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	33
Sep 19, 12:08 – Sep 19, 12:36	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Sep 19, 13:23 – Sep 19, 15:24	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	93
Sep 19, 15:26 – Sep 19, 16:09	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	17
Sep 19, 16:11 – Sep 19, 17:43	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	66
Sep 19, 17:46 – Sep 19, 19:21	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	68
Sep 19, 20:05 – Sep 19, 20:56	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	25
Sep 19, 22:50 – Sep 19, 23:44	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	28
Sep 20, 00:22 – Sep 20, 00:53	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	4
Sep 20, 08:24 – Sep 20, 09:02	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	12
Sep 20, 09:26 – Sep 20, 10:03	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	10
Sep 20, 10:48 – Sep 20, 11:33	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	18

Total VOC – PID • Sensor 5556 — connected events (continued)

CONNECTED EVENTS • EVENTS 76–85 OF 85

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 20, 11:40 – Sep 20, 12:17	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	10
Sep 20, 12:26 – Sep 20, 12:54	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Sep 20, 12:56 – Sep 20, 13:49	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	27
Sep 20, 13:51 – Sep 20, 15:45	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	90
Sep 20, 15:47 – Sep 20, 17:53	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	100
Sep 20, 17:55 – Sep 20, 18:23	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Sep 20, 18:46 – Sep 20, 19:47	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	33
Sep 20, 19:49 – Sep 20, 20:58	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	44
Sep 20, 21:57 – Sep 20, 22:38	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	14
Sep 20, 22:40 – Sep 20, 23:21	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	15

Sound Intensity Level – Class II

Sensor 5594 · Concentration · dBA

SL052301

SENSOR DETAIL & KEY METRICS

EQUIP. NAME SL052301		EQUIPMENT ID SL052301		SENSOR ID 5594	
PARAMETER Concentration		UNIT dBA		LAST CALIBRATION N/A	
EXCEEDANCES 0		EXCEEDED TIME 0%		ALARM CONDITION N/A	
				CONNECTED EVENTS 23	

Air quality — not available

No categorisation for this parameter

No air-quality categorisation applies to this parameter, so only the concentration series is shown.

Concentration trend

Primary visual · full width



DATA TREND

No significant trend. Data trend shows no significant trend

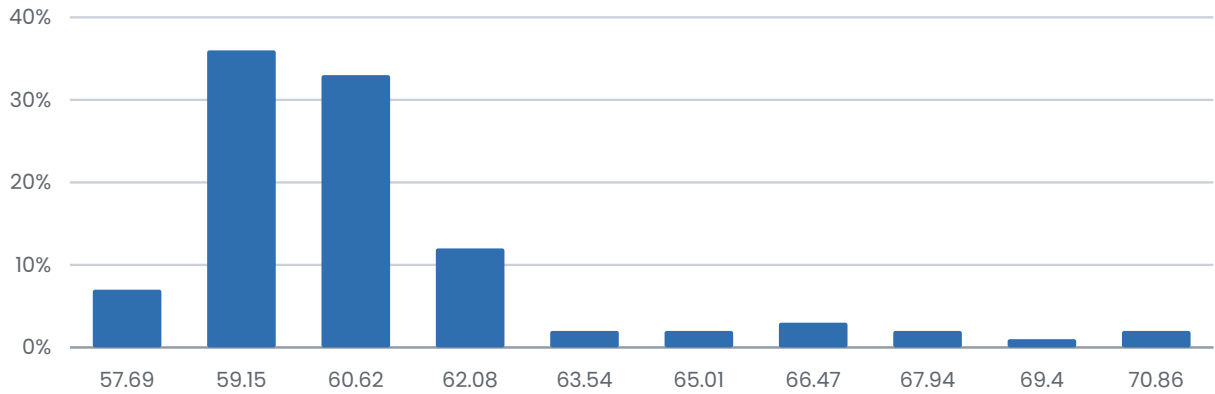


Sound Intensity Level – Class II · Sensor 5594 – supporting analysis (continued)

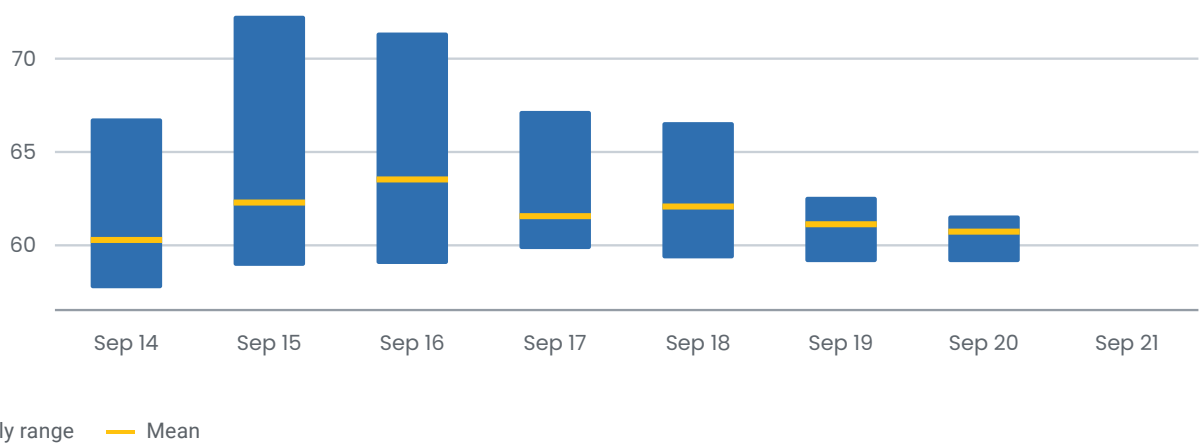
Distribution analysis

Stacked full width

Concentration histogram – share of readings per concentration bin (dBA)



Daily distribution – daily min-max range with mean (dBA)



Sound Intensity Level – Class II · Sensor 5594 – connected events (continued)

CONNECTED EVENTS

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 13, 17:00 – Sep 20, 17:00	frequency_trend	Spikes on Sound Intensity Level – Class II are about 4.4 times more frequent this week than usual	Justified	22
Sep 14, 08:33 – Sep 14, 08:33	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Sep 14, 10:28 – Sep 14, 10:30	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	2
Sep 14, 11:51 – Sep 14, 11:59	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	7
Sep 14, 12:10 – Sep 14, 12:31	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	8
Sep 14, 14:33 – Sep 14, 14:33	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Sep 14, 15:00 – Sep 14, 15:45	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	26
Sep 14, 15:59 – Sep 14, 16:20	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	14
Sep 14, 16:38 – Sep 14, 16:38	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Sep 15, 08:08 – Sep 15, 10:49	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	161
Sep 15, 10:59 – Sep 15, 11:03	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	3

Sound Intensity Level – Class II · Sensor 5594 – connected events (continued)

CONNECTED EVENTS · EVENTS 12–23 OF 23

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 15, 12:35 – Sep 15, 14:37	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	126
Sep 16, 08:08 – Sep 16, 12:38	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	278
Sep 16, 13:33 – Sep 16, 16:56	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	208
Sep 17, 08:10 – Sep 17, 09:02	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	44
Sep 17, 10:24 – Sep 17, 10:48	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	8
Sep 17, 12:58 – Sep 17, 13:02	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	5
Sep 17, 14:19 – Sep 17, 14:19	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Sep 17, 14:51 – Sep 17, 14:51	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Sep 17, 15:50 – Sep 17, 15:50	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Sep 18, 14:14 – Sep 18, 14:25	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	13
Sep 18, 14:45 – Sep 18, 14:45	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Sep 18, 14:55 – Sep 18, 14:55	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1

REPORT CONTEXT

FACILITY Murphy	SCOPE 4 sensors · 1 station	REPORT PERIOD 2026.09.14 00:00 – 2026.09.21 00:00 (UTC-07:00)	GENERATED 2026.09.22	PREPARED BY lou.zylstra@ebresources.com
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Report summary

AI-generated · Report-wide overview

This individual sensor report for equipment SL052302 at the Murphy facility provides environmental measurements of Hydrogen Sulfide (H₂S), Sulfur Dioxide (SO₂), Total VOC - PID (TVOC), and Sound Intensity Level - Class II over a recent weekly period. All sensors showed no significant trends or exceedances above their goal averages. Several flatline events were observed primarily on the H₂S and TVOC sensors. Wind measurements indicate all winds recorded were from the North at speeds between 0 to 2 m/s.

- Hydrogen Sulfide (H₂S) levels remained at or near zero ppm with 0 exceedances and no significant trend.
- Sulfur Dioxide (SO₂) readings ranged roughly between 0.008 ppm to 0.07 ppm daily maximums without exceedance of daily average goals.
- Total VOC - PID (TVOC) sensor showed consistent zero readings throughout the period with no exceedances.
- Sound Intensity Levels ranged from 61.6 dBA to 67.1 dBA, averaging near 65 dBA without significant trend or exceedances.
- Multiple justified flatline events were detected on the H₂S and TVOC sensors, indicating periods of stable zero readings.

Sensor roster

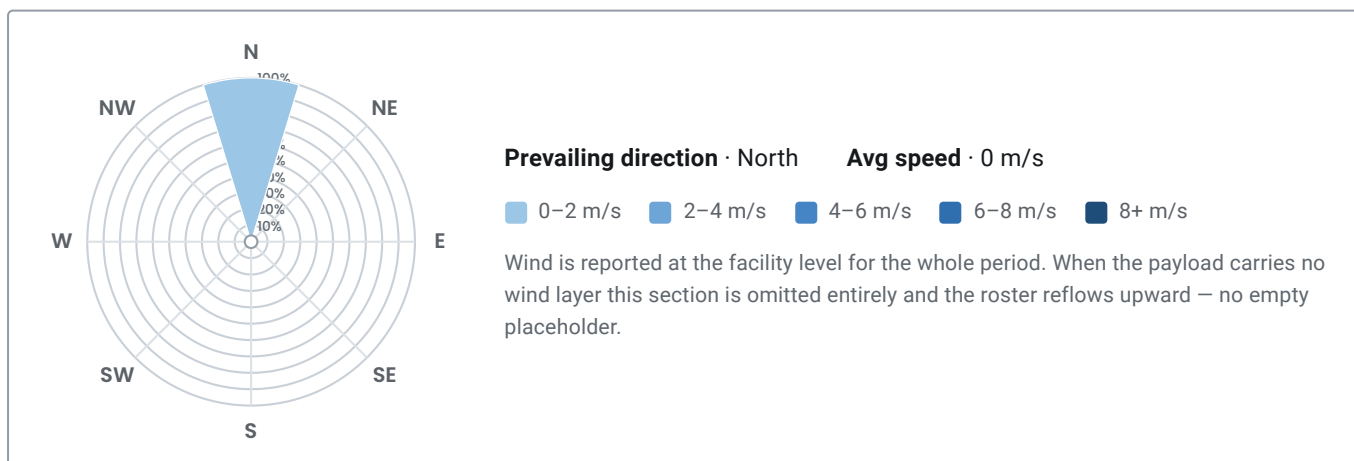
One row per sensor record

SENSOR	PARAMETER	EQUIPMENT	ALARM COND.	EXC.	EVENTS	SCHEME	STATUS
5559	Concentration	SL052302	N/A	0	12	AQI	● Normal
5562	Concentration	SL052302	N/A	0	1	AQI	● Normal
5569	Concentration	SL052302	N/A	0	1	AQI	● Normal
5595	Concentration	SL052302	N/A	0	1	—	● Normal

All 4 sensor records in this report. Rows use existing dataset statuses only — no aggregate health score is synthesised.

Site conditions — wind

Facility-level · shown once



Hydrogen Sulfide

Sensor 5559 · Concentration · ppm

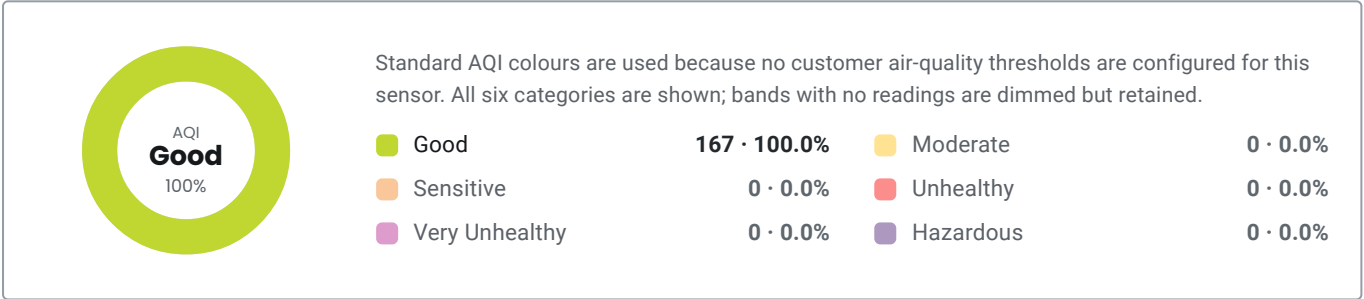
SL052302

SENSOR DETAIL & KEY METRICS

EQUIP. NAME SL052302		EQUIPMENT ID SL052302		SENSOR ID 5559	
PARAMETER Concentration		UNIT ppm		LAST CALIBRATION N/A	
EXCEEDANCES 0		EXCEEDED TIME 0%		ALARM CONDITION N/A	
				CONNECTED EVENTS 12	

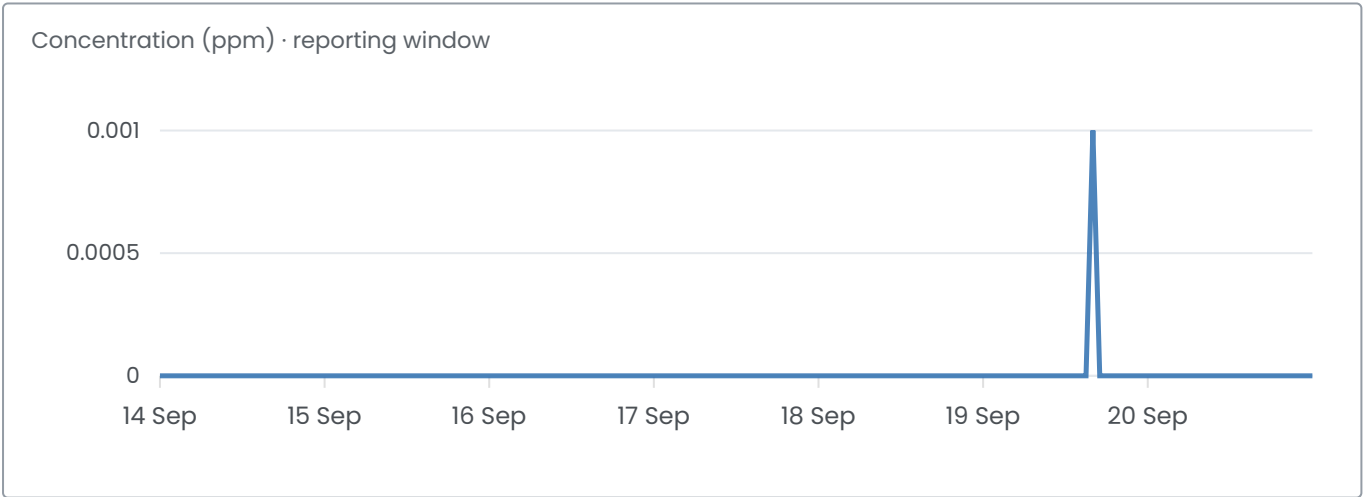
Air quality — Standard AQI

Resolved scheme · AQI fallback

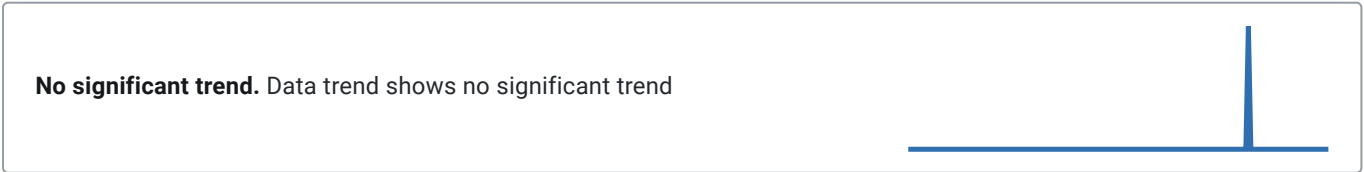


Concentration trend

Primary visual · full width



DATA TREND

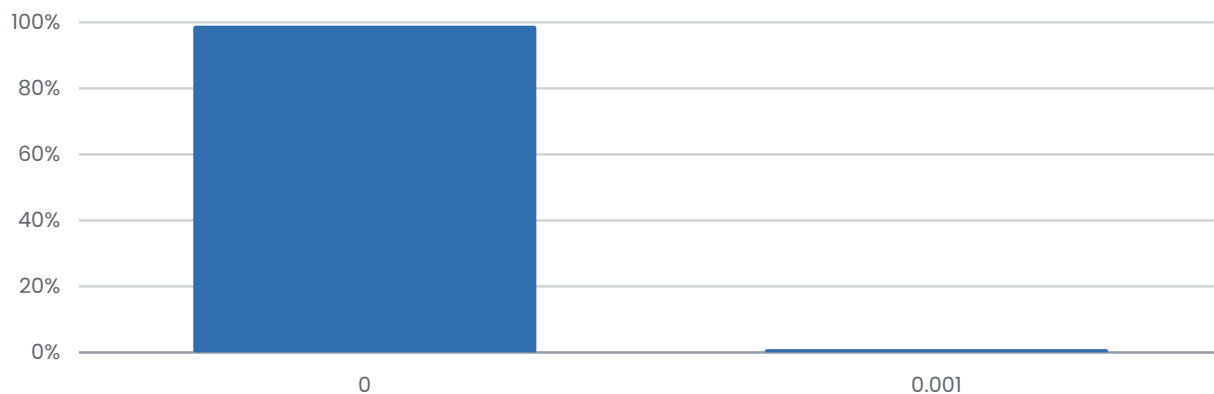


Hydrogen Sulfide • Sensor 5559 — supporting analysis (continued)

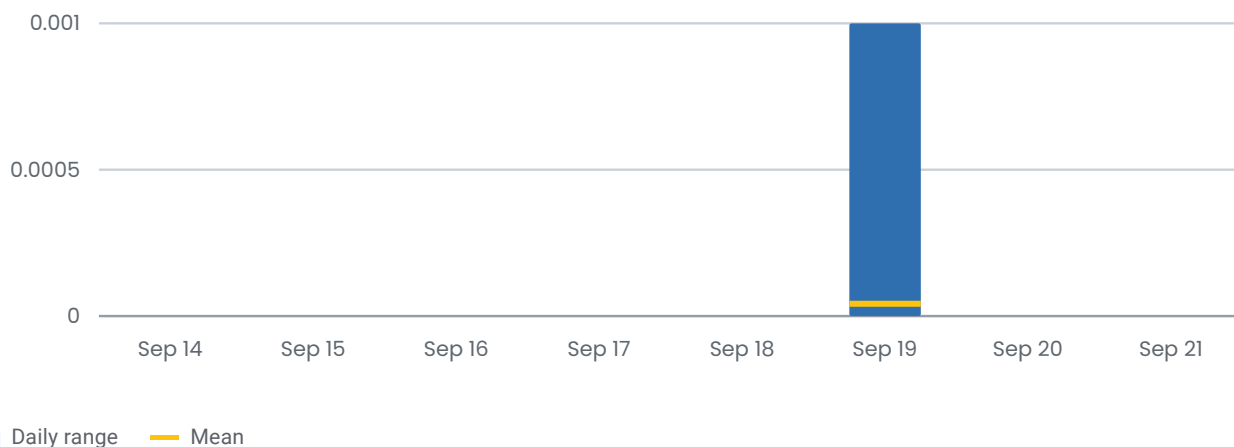
Distribution analysis

Stacked full width

Concentration histogram — share of readings per concentration bin (ppm)



Daily distribution — daily min-max range with mean (ppm)



Hydrogen Sulfide • Sensor 5559 — connected events (continued)

CONNECTED EVENTS

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 13, 22:47 – Sep 14, 10:53	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	724
Sep 14, 10:58 – Sep 14, 19:01	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	471
Sep 14, 19:04 – Sep 15, 15:29	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	1242
Sep 15, 15:31 – Sep 15, 18:07	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	134
Sep 15, 18:11 – Sep 15, 18:54	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	16
Sep 15, 19:18 – Sep 16, 18:52	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	1436
Sep 16, 19:09 – Sep 17, 05:09	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	593
Sep 17, 05:11 – Sep 18, 00:45	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	1186
Sep 18, 00:47 – Sep 18, 19:05	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	1106
Sep 18, 19:07 – Sep 19, 15:56	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	1266
Sep 19, 15:57 – Sep 19, 15:57	spike	spike detected on H2S-10 sensor for equipment: SL052302	Not Yet Justified	1
Sep 19, 15:58 – Sep 22, 22:22	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	4832

Sulfur Dioxide

Sensor 5562 · Concentration · ppm

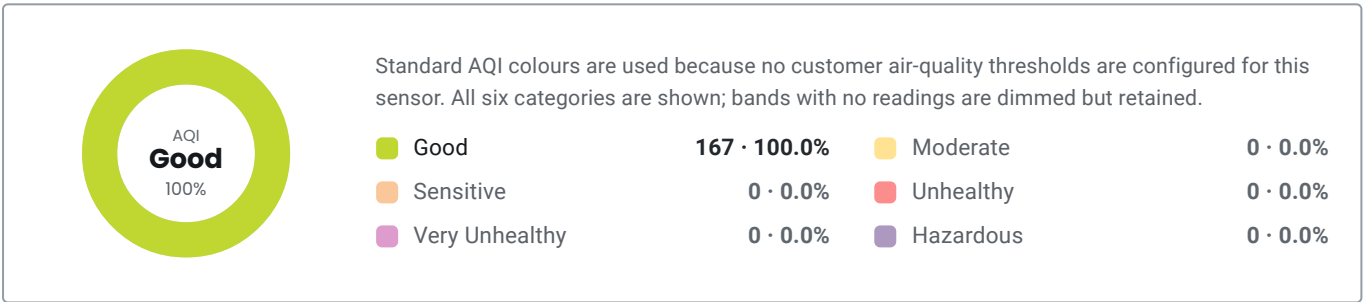
SL052302

SENSOR DETAIL & KEY METRICS

EQUIP. NAME SL052302		EQUIPMENT ID SL052302		SENSOR ID 5562	
PARAMETER Concentration		UNIT ppm		LAST CALIBRATION N/A	
EXCEEDANCES 0		EXCEEDED TIME 0%		ALARM CONDITION N/A	
				CONNECTED EVENTS 1	

Air quality — Standard AQI

Resolved scheme · AQI fallback

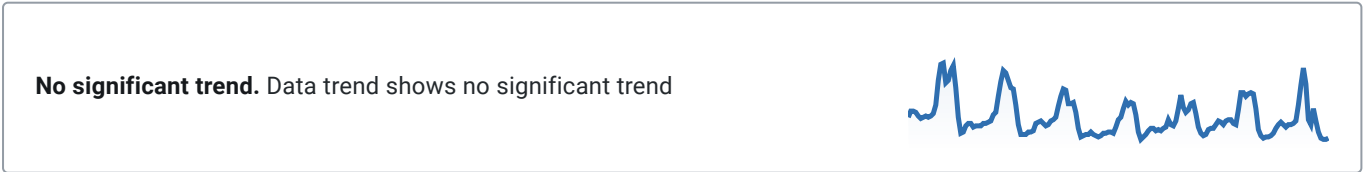


Concentration trend

Primary visual · full width



DATA TREND

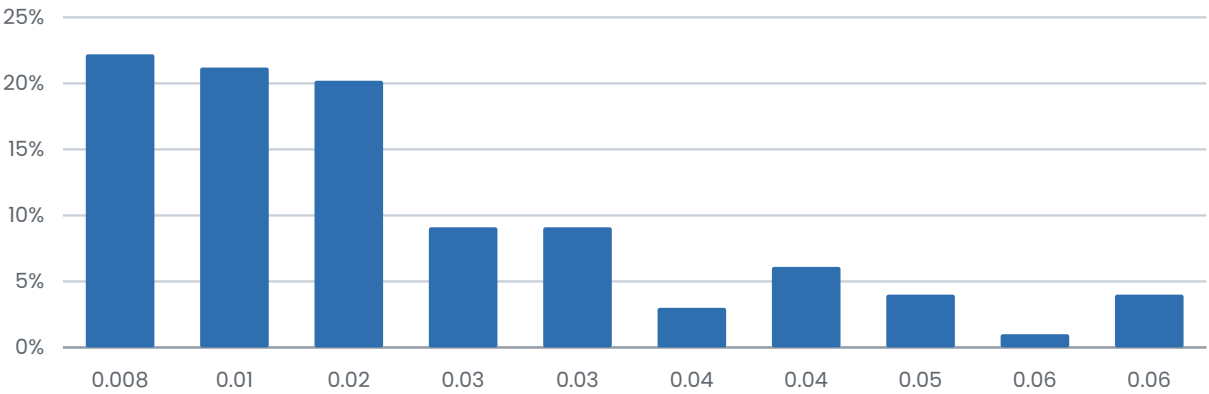


Sulfur Dioxide • Sensor 5562 — supporting analysis (continued)

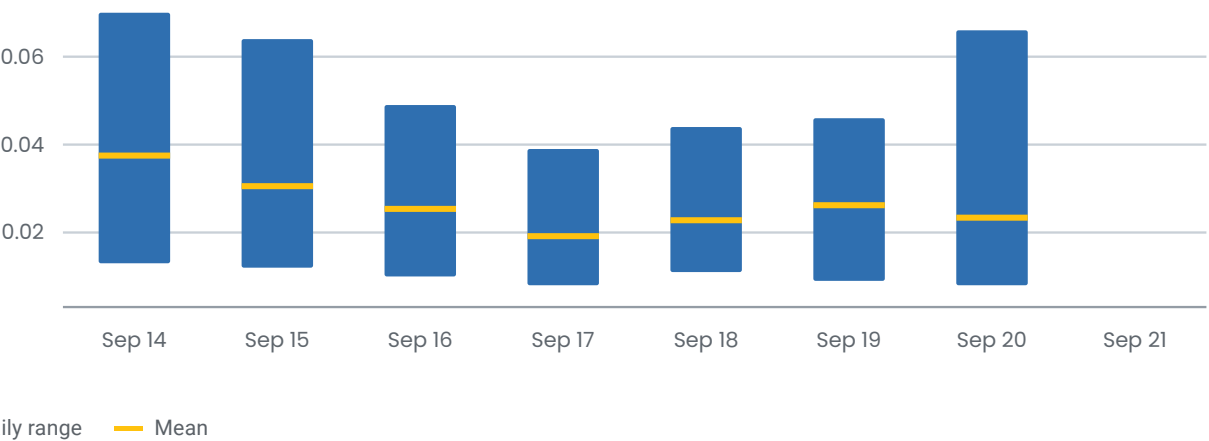
Distribution analysis

Stacked full width

Concentration histogram — share of readings per concentration bin (ppm)



Daily distribution — daily min–max range with mean (ppm)



CONNECTED EVENTS

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 19, 15:57 – Sep 19, 15:57	spike	spike detected on SO2-20 sensor for equipment: SL052302	Not Yet Justified	1

Total VOC – PID

Sensor 5569 · Concentration · ppm

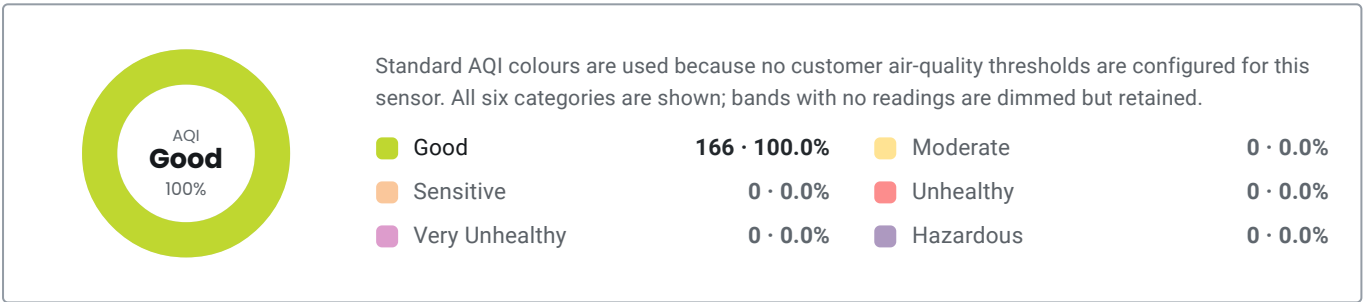
SL052302

SENSOR DETAIL & KEY METRICS

EQUIP. NAME SL052302		EQUIPMENT ID SL052302		SENSOR ID 5569	
PARAMETER Concentration		UNIT ppm		LAST CALIBRATION 2023.08.08	
EXCEEDANCES 0		EXCEEDED TIME 0%		ALARM CONDITION N/A	
				CONNECTED EVENTS 1	

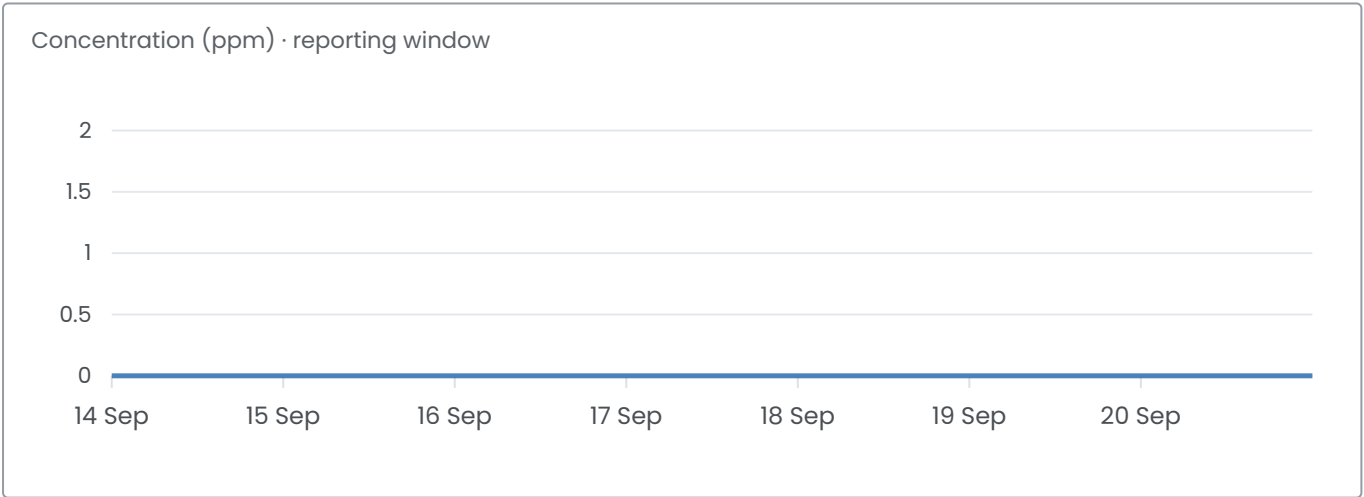
Air quality — Standard AQI

Resolved scheme · AQI fallback

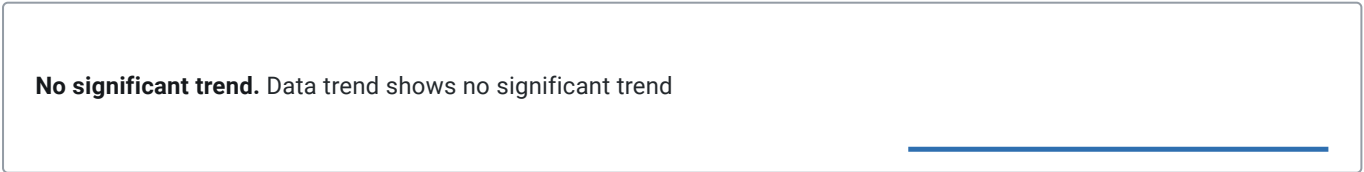


Concentration trend

Primary visual · full width



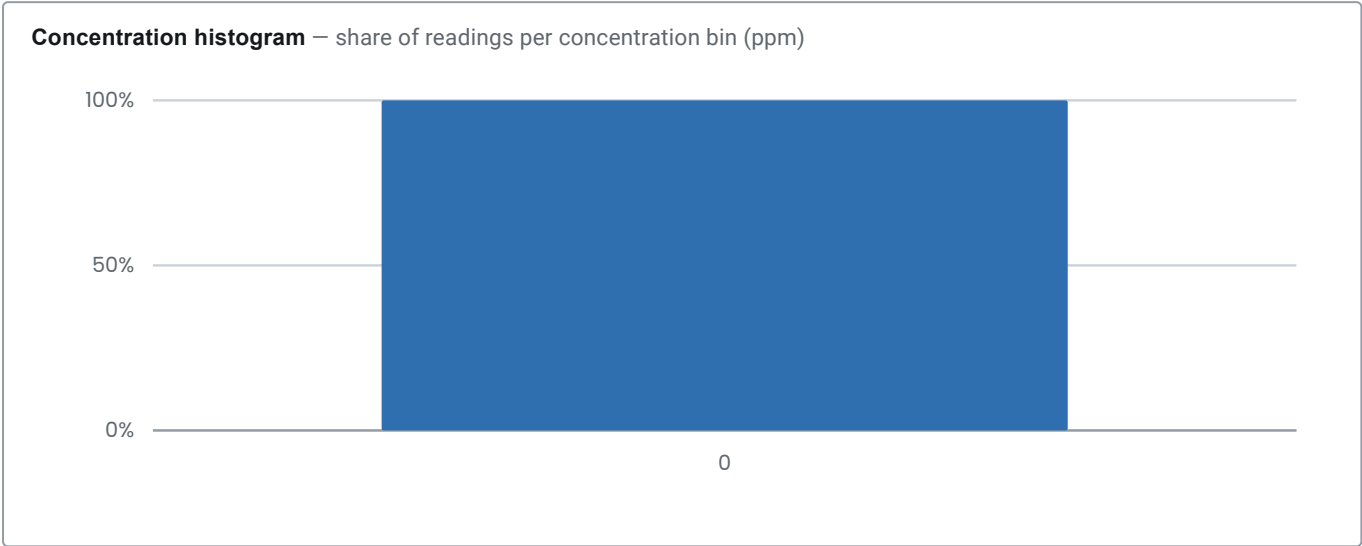
DATA TREND



Total VOC – PID • Sensor 5569 – supporting analysis (continued)

Distribution analysis

Stacked full width



Daily distribution – daily min–max range with mean (ppm)

Insufficient data to calculate daily ranges.

CONNECTED EVENTS

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 4, 12:48 – Sep 23, 13:46	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052302	Justified	28289

Sound Intensity Level – Class II

Sensor 5595 · Concentration · dBA

SL052302

SENSOR DETAIL & KEY METRICS

EQUIP. NAME SL052302		EQUIPMENT ID SL052302		SENSOR ID 5595	
PARAMETER Concentration		UNIT dBA		LAST CALIBRATION N/A	
EXCEEDANCES 0		EXCEEDED TIME 0%		ALARM CONDITION N/A	
				CONNECTED EVENTS 1	

Air quality — not available

No categorisation for this parameter

No air-quality categorisation applies to this parameter, so only the concentration series is shown.

Concentration trend

Primary visual · full width



DATA TREND

No significant trend. Data trend shows no significant trend

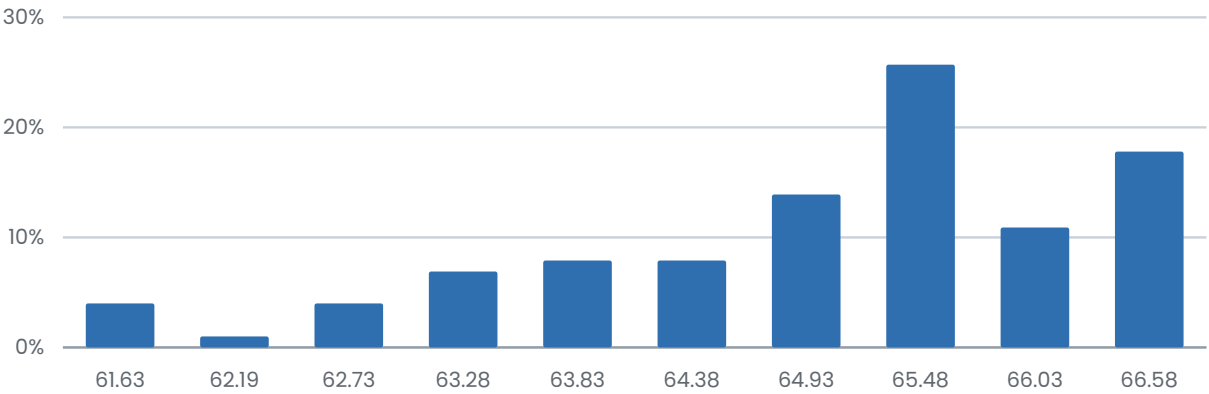


Sound Intensity Level – Class II · Sensor 5595 – supporting analysis (continued)

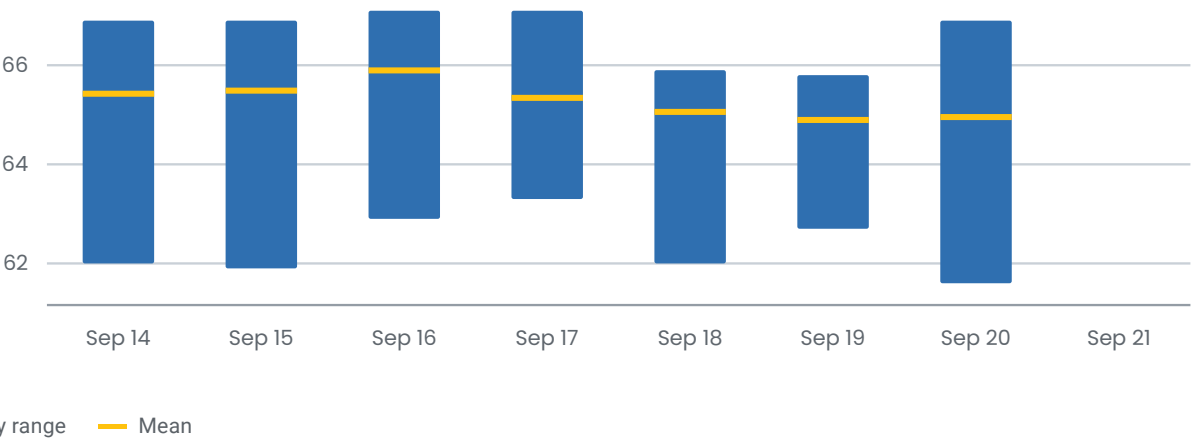
Distribution analysis

Stacked full width

Concentration histogram – share of readings per concentration bin (dBA)



Daily distribution – daily min-max range with mean (dBA)



CONNECTED EVENTS

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 16, 14:55 – Sep 16, 14:55	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052302	Not Yet Justified	1