REPORT CONTEXT

FACILITY	SCOPE	REPORT PERIOD	GENERATED	PREPARED BY
Murphy	**4 sensors · 1 station**	**2026.09.28 00:00 – 2026.10.05 00:00 (UTC-07:00)**	**2026.10.06**	**lou.zylstra@ebresources.com**

Report summary

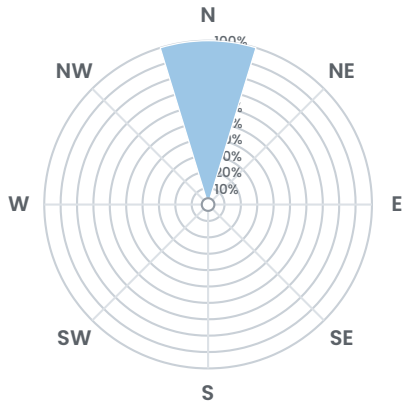
AI-generated · Report-wide overview

This report summarizes the weekly environmental sensor readings from equipment SL052301 at the Murphy facility, covering Hydrogen Sulfide (H2S-10), Sulfur Dioxide (SO2-20), Total VOC - PID (TVOC-P-40), and Sound Intensity Level - Class II (SND-LVL-C2). The sensors recorded data over 169 measurement points with no exceedances above defined thresholds and no significant trends detected in any measured parameter.

- Hydrogen Sulfide sensor reported zero readings throughout the week with no exceedances.
- Sulfur Dioxide levels peaked at 0.09 ppm on October 3, with daily maxima ranging between 0.034 and 0.087 ppm; no exceedances were recorded.
- Total VOC concentrations had low maximum readings up to 0.006 ppm, consistently below target averages and with no exceedances.
- Sound Intensity Level varied between 54.2 dBA and 63.4 dBA daily, showing no significant trend and no exceedances.
- Several flatline events were justified for H2S-10 and TVOC-P-40 sensors, and spike events occurred frequently on SO2-20 but were not yet justified.

Site conditions — wind

Facility-level · shown once



Prevailing direction · North **Avg speed** · 0 m/s

0–2 m/s 2–4 m/s 4–6 m/s 6–8 m/s 8+ m/s

Wind is reported at the facility level for the whole period. When the payload carries no wind layer this section is omitted entirely and the roster reflows upward — no empty placeholder.

Sensor roster

One row per sensor record

SENSOR	PARAMETER	EQUIPMENT	ALARM COND.	EXC.	EVENTS	SCHEME	STATUS
5546	Concentration	SL052301	N/A	0	7	AQI	Normal
5549	Concentration	SL052301	N/A	0	10	AQI	Normal
5556	Concentration	SL052301	N/A	0	55	AQI	Normal
5594	Concentration	SL052301	N/A	0	6	—	Normal

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

Hydrogen Sulfide

Sensor 5546 · Concentration · ppm

SL052301

SENSOR DETAIL & KEY METRICS

EQUIP. NAME	EQUIPMENT ID	SENSOR ID
SL052301	**SL052301**	**5546**
PARAMETER	UNIT	LAST CALIBRATION
Concentration	**ppm**	**N/A**

EXCEEDANCES	EXCEEDED TIME	ALARM CONDITION	CONNECTED EVENTS
0	**0%**	**N/A**	**7**

Air quality — Standard AQI

Resolved scheme · AQI fallback

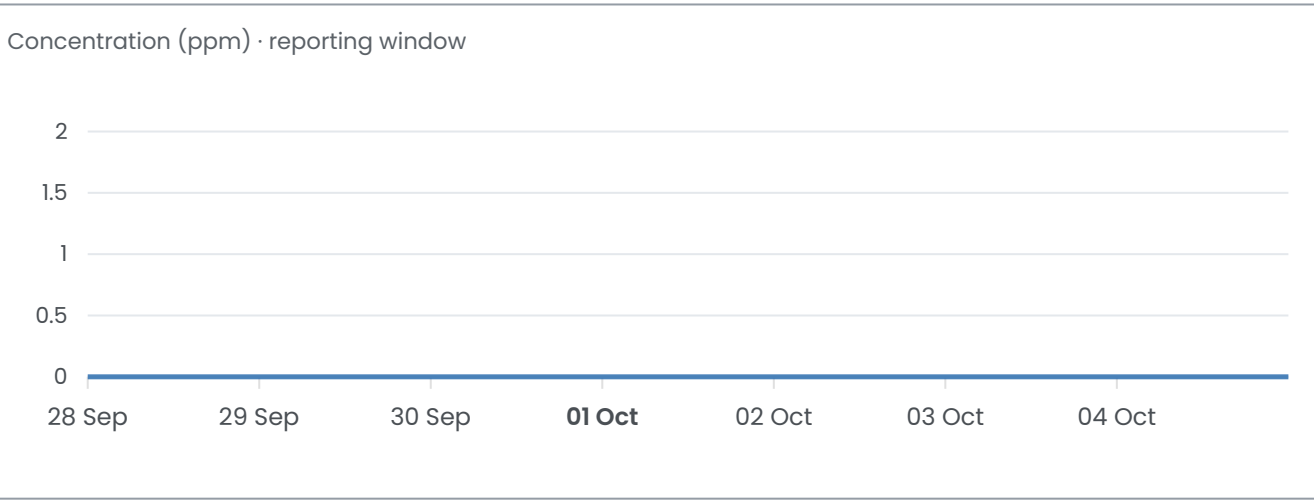


Standard AQI colours are used because no customer air-quality thresholds are configured for this sensor. All six categories are shown; bands with no readings are dimmed but retained.

Good	**162 · 100.0%**	Moderate	**0 · 0.0%**
Sensitive	**0 · 0.0%**	Unhealthy	**0 · 0.0%**
Very Unhealthy	**0 · 0.0%**	Hazardous	**0 · 0.0%**

Concentration trend

Primary visual · full width



DATA TREND

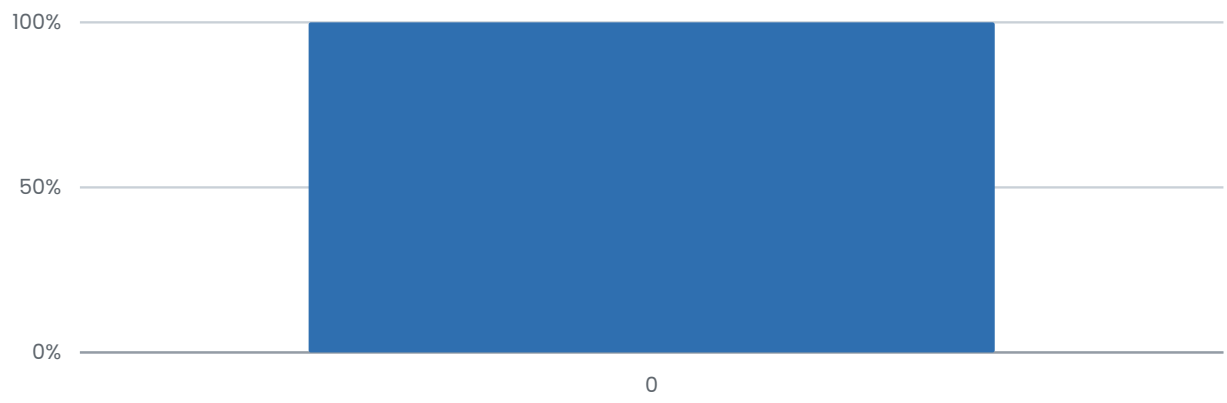
No significant trend. Data trend shows no significant trend

Hydrogen Sulfide · Sensor 5546 — 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)

Insufficient data to calculate daily ranges.

Hydrogen Sulfide · Sensor 5546 — connected events (continued)

CONNECTED EVENTS

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 27, 01:34 – Sep 28, 07:23	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	1820
Sep 28, 07:40 – Oct 1, 03:33	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	4179
Oct 1, 03:35 – Oct 1, 23:09	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	1180
Oct 1, 23:11 – Oct 2, 07:32	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	491
Oct 2, 07:39 – Oct 4, 13:54	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	3334
Oct 4, 14:58 – Oct 4, 17:31	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	127
Oct 4, 17:33 – Oct 5, 12:23	flatline	flatline detected on H2S-10 sensor for equipment: SL052301	Justified	1143

Sulfur Dioxide

Sensor 5549 · Concentration · ppm

SL052301

SENSOR DETAIL & KEY METRICS

EQUIP. NAME	EQUIPMENT ID	SENSOR ID
SL052301	**SL052301**	**5549**
PARAMETER	UNIT	LAST CALIBRATION
Concentration	**ppm**	**N/A**

EXCEEDANCES	EXCEEDED TIME	ALARM CONDITION	CONNECTED EVENTS
0	**0%**	**N/A**	**10**

Air quality — Standard AQI

Resolved scheme · AQI fallback

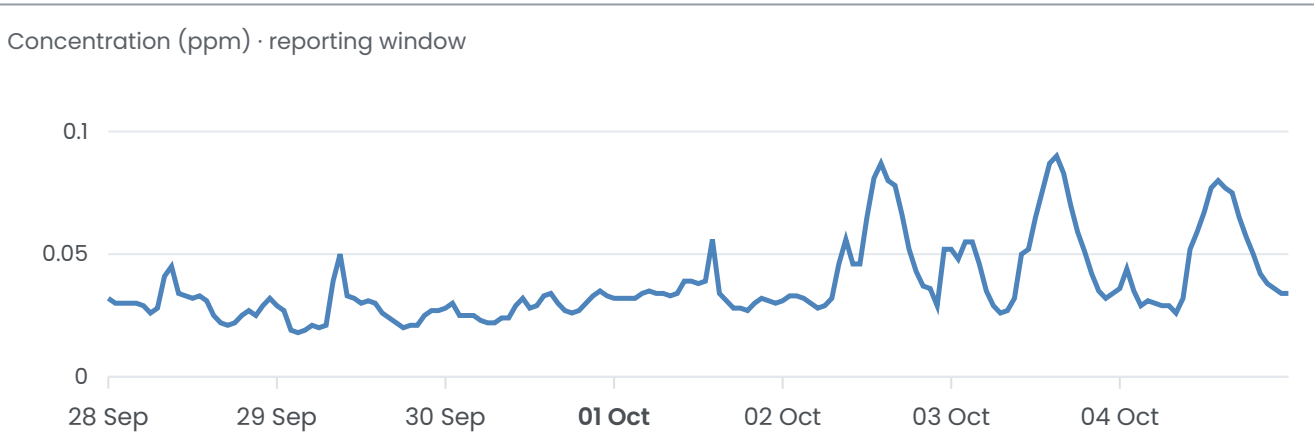


Standard AQI colours are used because no customer air-quality thresholds are configured for this sensor. All six categories are shown; bands with no readings are dimmed but retained.

Good	**161 · 100.0%**	Moderate	**0 · 0.0%**
Sensitive	**0 · 0.0%**	Unhealthy	**0 · 0.0%**
Very Unhealthy	**0 · 0.0%**	Hazardous	**0 · 0.0%**

Concentration trend

Primary visual · full width



DATA TREND

No significant trend. Data trend shows no significant trend

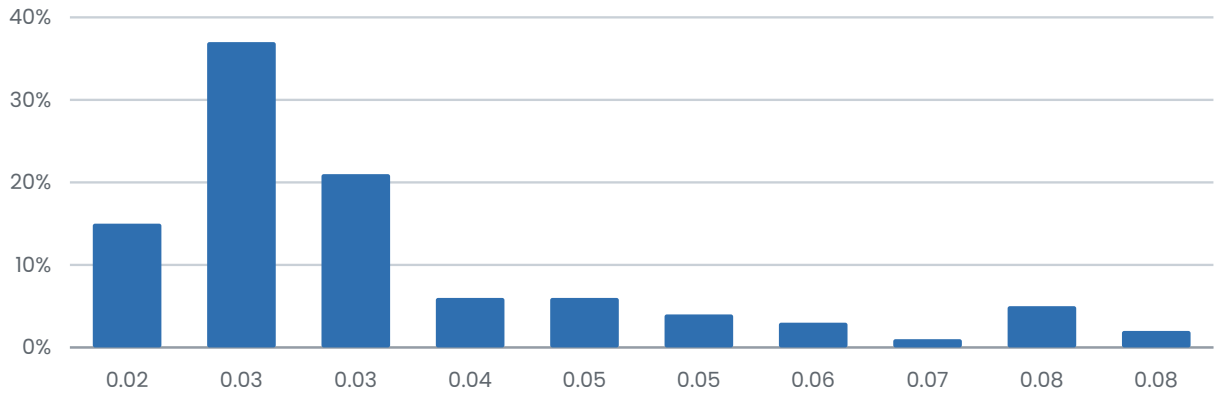


Sulfur Dioxide · Sensor 5549 — supporting analysis (continued)

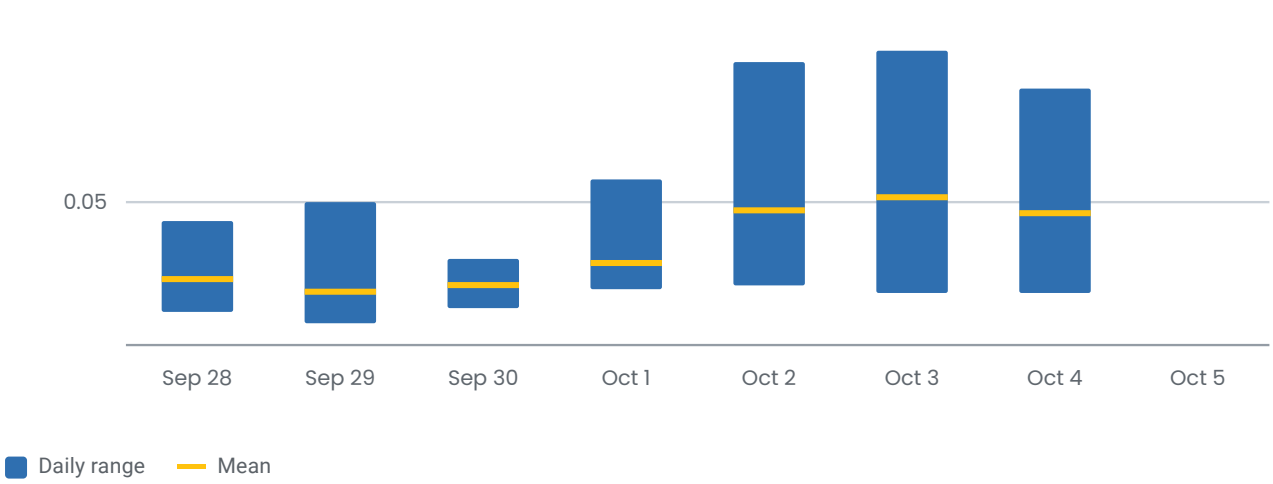
Distribution analysis

Stacked full width

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



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



Sulfur Dioxide · Sensor 5549 — connected events (continued)

CONNECTED EVENTS

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 27, 17:00 – Oct 4, 17:00	frequency_trend	Spikes on Sulfur Dioxide are about 9 times more frequent this week than usual	Justified	9
Oct 1, 13:06 – Oct 1, 13:11	spike	spike detected on SO2-20 sensor for equipment: SL052301	Not Yet Justified	6
Oct 2, 12:24 – Oct 2, 12:24	spike	spike detected on SO2-20 sensor for equipment: SL052301	Not Yet Justified	1
Oct 2, 12:44 – Oct 2, 13:35	spike	spike detected on SO2-20 sensor for equipment: SL052301	Not Yet Justified	18
Oct 2, 13:45 – Oct 2, 13:45	spike	spike detected on SO2-20 sensor for equipment: SL052301	Not Yet Justified	1
Oct 2, 14:53 – Oct 2, 14:53	spike	spike detected on SO2-20 sensor for equipment: SL052301	Not Yet Justified	1
Oct 2, 15:13 – Oct 2, 15:13	spike	spike detected on SO2-20 sensor for equipment: SL052301	Not Yet Justified	1
Oct 4, 13:14 – Oct 4, 13:14	spike	spike detected on SO2-20 sensor for equipment: SL052301	Not Yet Justified	2
Oct 4, 13:41 – Oct 4, 13:41	spike	spike detected on SO2-20 sensor for equipment: SL052301	Not Yet Justified	1
Oct 4, 14:07 – Oct 4, 14:07	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	EQUIPMENT ID	SENSOR ID
SL052301	**SL052301**	**5556**
PARAMETER	UNIT	LAST CALIBRATION
Concentration	**ppm**	**2023.08.08**

EXCEEDANCES	EXCEEDED TIME	ALARM CONDITION	CONNECTED EVENTS
0	**0%**	**N/A**	**55**

Air quality — Standard AQI

Resolved scheme · AQI fallback



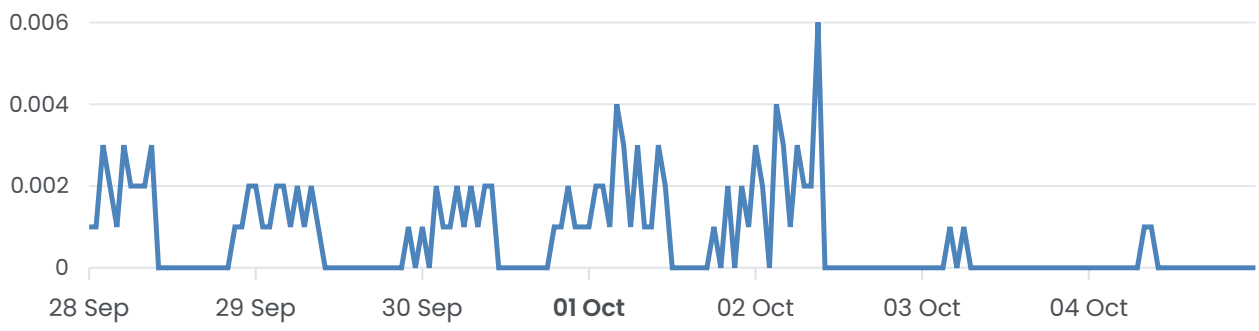
Standard AQI colours are used because no customer air-quality thresholds are configured for this sensor. All six categories are shown; bands with no readings are dimmed but retained.

Good	**161 · 100.0%**	Moderate	**0 · 0.0%**
Sensitive	**0 · 0.0%**	Unhealthy	**0 · 0.0%**
Very Unhealthy	**0 · 0.0%**	Hazardous	**0 · 0.0%**

Concentration trend

Primary visual · full width

Concentration (ppm) · reporting window



DATA TREND

No significant trend. Data trend shows no significant trend

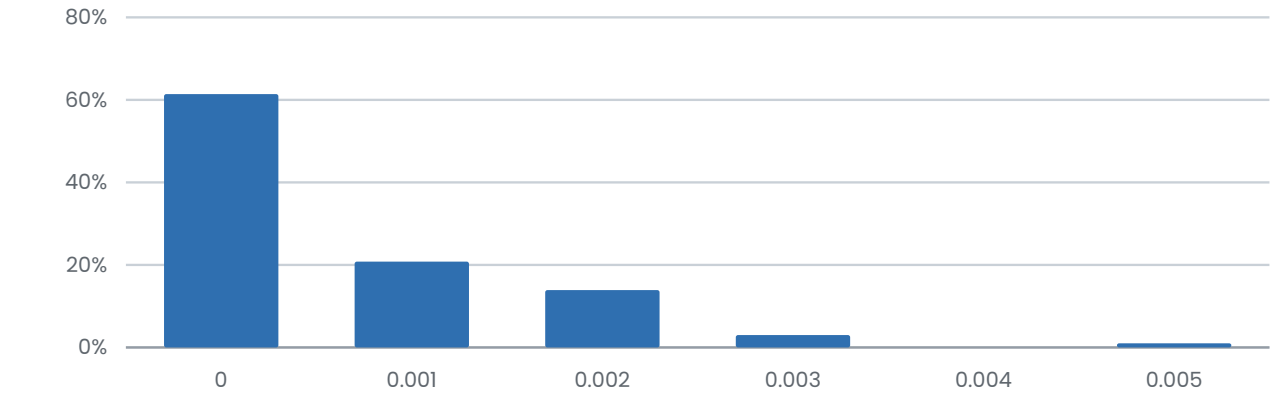


Total VOC - PID · Sensor 5556 — supporting analysis (continued)

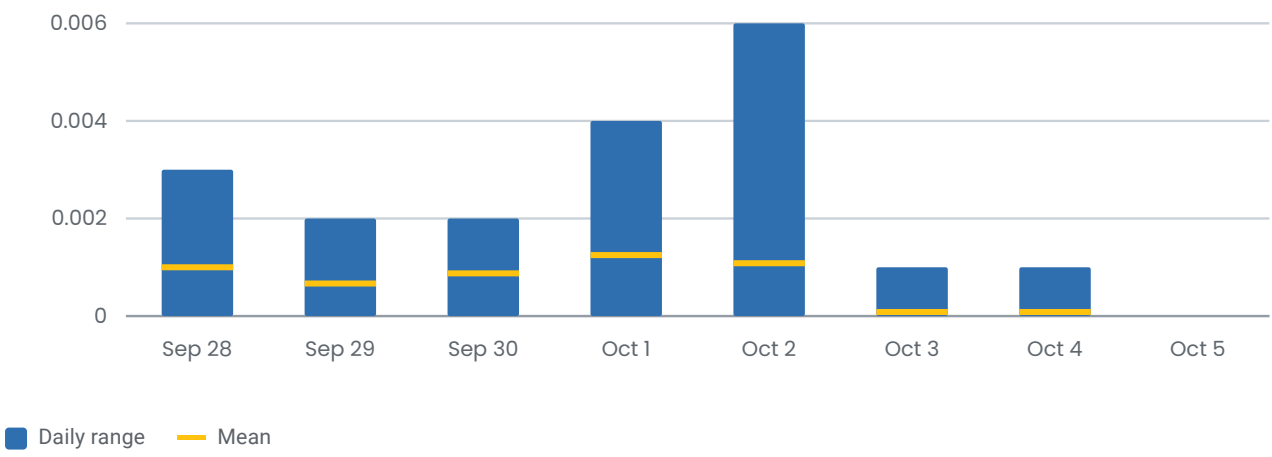
Distribution analysis

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 28, 03:25 – Sep 28, 04:03	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	12
Sep 28, 04:26 – Sep 28, 05:05	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	13
Sep 28, 08:25 – Sep 28, 08:58	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	6
Sep 28, 09:00 – Sep 28, 09:55	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	29
Sep 28, 09:57 – Sep 28, 11:24	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	61
Sep 28, 11:26 – Sep 28, 13:15	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	86
Sep 28, 13:17 – Sep 28, 14:27	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	42
Sep 28, 14:29 – Sep 28, 18:54	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	247
Sep 28, 18:56 – Sep 28, 19:28	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	5
Sep 28, 19:30 – Sep 28, 20:04	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	7
Sep 28, 20:31 – Sep 28, 21:01	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	4
Sep 29, 06:28 – Sep 29, 07:05	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	11
Sep 29, 08:25 – Sep 29, 14:26	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	345
Sep 29, 14:28 – Sep 29, 19:34	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	285
Sep 29, 19:36 – Sep 29, 21:05	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	63

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

CONNECTED EVENTS · EVENTS 16–30 OF 55

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 29, 22:20 – Sep 29, 23:17	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	32
Sep 29, 23:19 – Sep 29, 23:47	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Sep 29, 23:49 – Sep 30, 00:44	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	29
Sep 30, 02:24 – Sep 30, 02:52	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Sep 30, 04:43 – Sep 30, 05:19	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	10
Sep 30, 06:50 – Sep 30, 07:19	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	2
Sep 30, 07:28 – Sep 30, 08:21	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	27
Sep 30, 10:19 – Sep 30, 11:28	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	44
Sep 30, 11:30 – Sep 30, 12:21	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	25
Sep 30, 12:23 – Sep 30, 18:28	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	345
Sep 30, 18:42 – Sep 30, 19:13	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	5
Sep 30, 19:22 – Sep 30, 19:55	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	6
Sep 30, 19:57 – Sep 30, 20:28	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	5
Sep 30, 21:13 – Sep 30, 21:43	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	4
Oct 1, 01:12 – Oct 1, 01:45	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	7

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

CONNECTED EVENTS · EVENTS 31–45 OF 55

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 1, 09:50 – Oct 1, 10:22	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	5
Oct 1, 10:58 – Oct 1, 13:28	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	125
Oct 1, 13:54 – Oct 1, 16:29	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	130
Oct 1, 16:47 – Oct 1, 17:42	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	29
Oct 1, 17:47 – Oct 1, 18:47	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	33
Oct 1, 20:14 – Oct 1, 21:04	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	24
Oct 2, 01:12 – Oct 2, 01:48	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	9
Oct 2, 08:49 – Oct 2, 09:18	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	3
Oct 2, 09:20 – Oct 2, 10:21	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	35
Oct 2, 10:23 – Oct 2, 22:40	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	736
Oct 2, 23:19 – Oct 3, 00:09	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	24
Oct 3, 00:37 – Oct 3, 01:24	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	21
Oct 3, 02:37 – Oct 3, 03:26	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	23
Oct 3, 03:50 – Oct 3, 04:20	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	3
Oct 3, 04:22 – Oct 3, 05:04	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	15

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

CONNECTED EVENTS · EVENTS 46–55 OF 55

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 3, 05:05 – Oct 3, 05:33	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Oct 3, 05:46 – Oct 3, 06:27	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	15
Oct 3, 06:29 – Oct 3, 07:48	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	53
Oct 3, 07:50 – Oct 3, 22:35	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	885
Oct 3, 22:37 – Oct 3, 23:05	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	1
Oct 3, 23:06 – Oct 4, 06:27	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	425
Oct 4, 06:29 – Oct 4, 07:50	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	57
Oct 4, 07:52 – Oct 4, 08:36	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	17
Oct 4, 08:38 – Oct 4, 20:07	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	677
Oct 4, 20:08 – Oct 5, 03:51	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052301	Justified	450

Sound Intensity Level - Class II

Sensor 5594 · Concentration · dBA

SL052301

SENSOR DETAIL & KEY METRICS

EQUIP. NAME	EQUIPMENT ID	SENSOR ID
SL052301	**SL052301**	**5594**
PARAMETER	UNIT	LAST CALIBRATION
Concentration	**dBA**	**N/A**

EXCEEDANCES	EXCEEDED TIME	ALARM CONDITION	CONNECTED EVENTS
0	**0%**	**N/A**	**6**

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

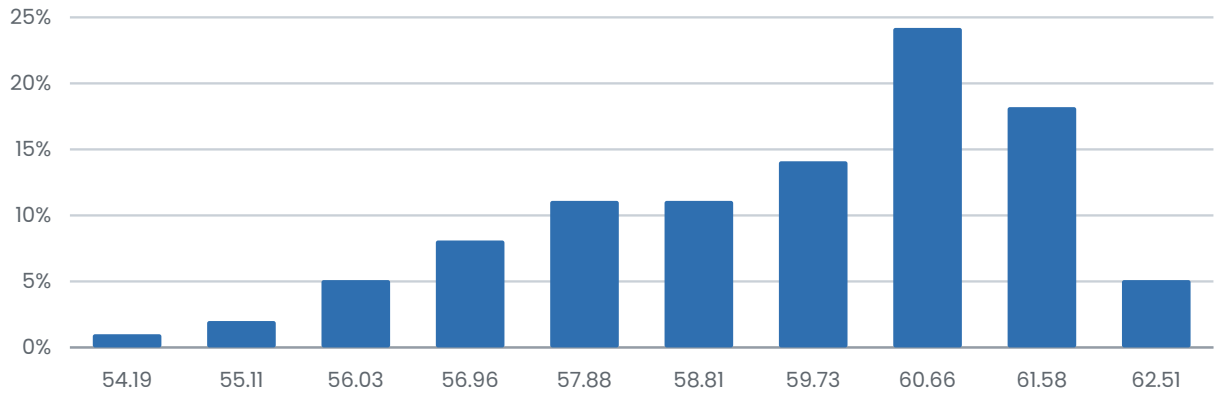


Sound Intensity Level - Class II · Sensor 5594 — supporting analysis (continued)

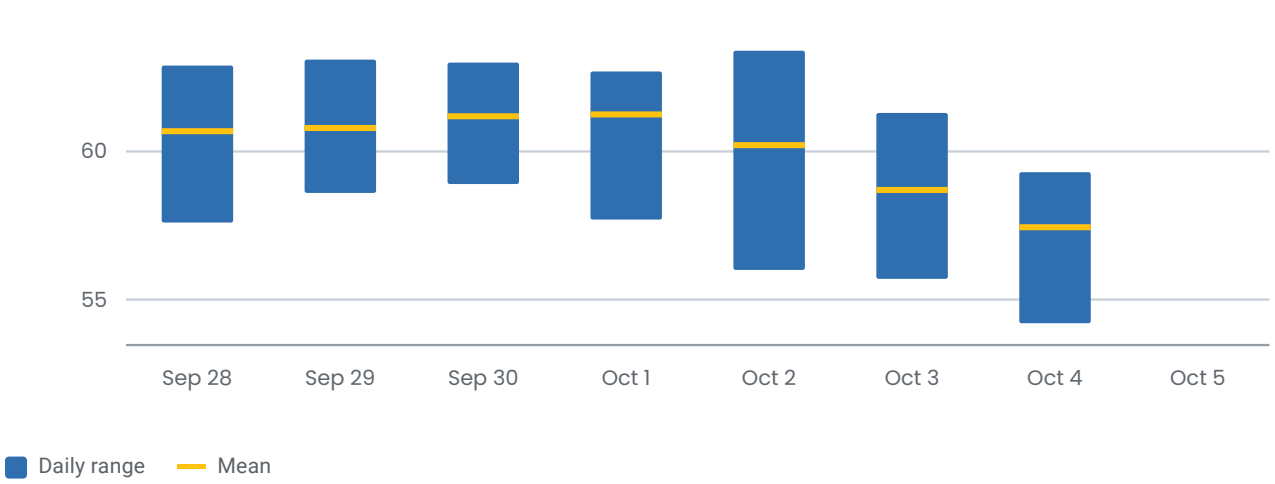
Distribution analysis

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 20, 17:00 – Sep 27, 17:00	frequency_trend	Spikes on Sound Intensity Level - Class II are about 2.3 times more frequent this week than usual	Justified	14
Sep 30, 00:43 – Sep 30, 00:43	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 1, 13:00 – Oct 1, 13:05	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	5
Oct 1, 18:20 – Oct 1, 18:20	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 2, 06:35 – Oct 2, 06:35	spike	spike detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1
Oct 2, 10:27 – Oct 2, 10:27	dropout	dropout detected on SND-LVL-C2 sensor for equipment: SL052301	Not Yet Justified	1

REPORT CONTEXT

FACILITY	SCOPE	REPORT PERIOD	GENERATED	PREPARED BY
Murphy	**4 sensors · 1 station**	**2026.09.28 00:00 – 2026.10.05 00:00 (UTC-07:00)**	**2026.10.06**	**lou.zylstra@ebresources.com**

Report summary

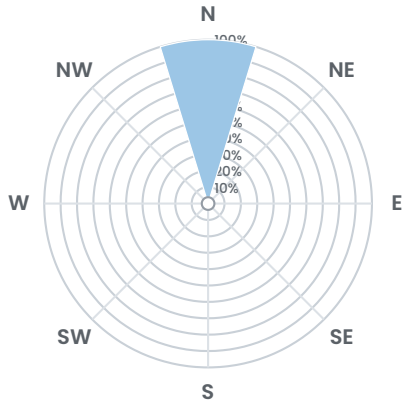
AI-generated · Report-wide overview

The report summarizes environmental sensor readings from equipment SL052302 at the Murphy facility over a weekly period. Sensors monitored include Hydrogen Sulfide (H2S-10), Sulfur Dioxide (SO2-20), Total VOC - PID (TVOC-P-40), and Sound Intensity Level - Class II. Measurements showed low concentrations of H2S and TVOC with no exceedances. SO2 measurements indicated fluctuating values up to 0.181 ppm with no exceedances. Sound intensity levels varied between 59.0 and 66.2 dBA with no significant trend. Notable sensor events include multiple flatline detections on H2S-10 and TVOC-P-40 sensors and multiple spikes on SO2-20 sensor readings.

- Hydrogen Sulfide levels remained very low, peaking at 0.002 ppm with no exceedances recorded.
- Sulfur Dioxide readings showed maximum values up to 0.181 ppm, with spikes occurring 5 times more frequently than usual.
- Total VOC - PID concentrations were consistently at 0 ppm with continuous flatline events detected and justified.
- Sound Intensity Level readings ranged from 59.0 to 66.2 dBA with no significant trend and no exceedances.
- Multiple flatline events were detected and justified on the H2S-10 sensor, and numerous spikes on the SO2-20 sensor have yet to be justified.

Site conditions — wind

Facility-level · shown once



Prevailing direction · North **Avg speed** · 0 m/s

0–2 m/s 2–4 m/s 4–6 m/s 6–8 m/s 8+ m/s

Wind is reported at the facility level for the whole period. When the payload carries no wind layer this section is omitted entirely and the roster reflows upward — no empty placeholder.

Sensor roster

One row per sensor record

SENSOR	PARAMETER	EQUIPMENT	ALARM COND.	EXC.	EVENTS	SCHEME	STATUS
5559	Concentration	SL052302	N/A	0	28	AQI	Normal
5562	Concentration	SL052302	N/A	0	6	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.

Hydrogen Sulfide

Sensor 5559 · Concentration · ppm

SL052302

SENSOR DETAIL & KEY METRICS

EQUIP. NAME	EQUIPMENT ID	SENSOR ID
SL052302	**SL052302**	**5559**
PARAMETER	UNIT	LAST CALIBRATION
Concentration	**ppm**	**N/A**

EXCEEDANCES	EXCEEDED TIME	ALARM CONDITION	CONNECTED EVENTS
0	**0%**	**N/A**	**28**

Air quality — Standard AQI

Resolved scheme · AQI fallback

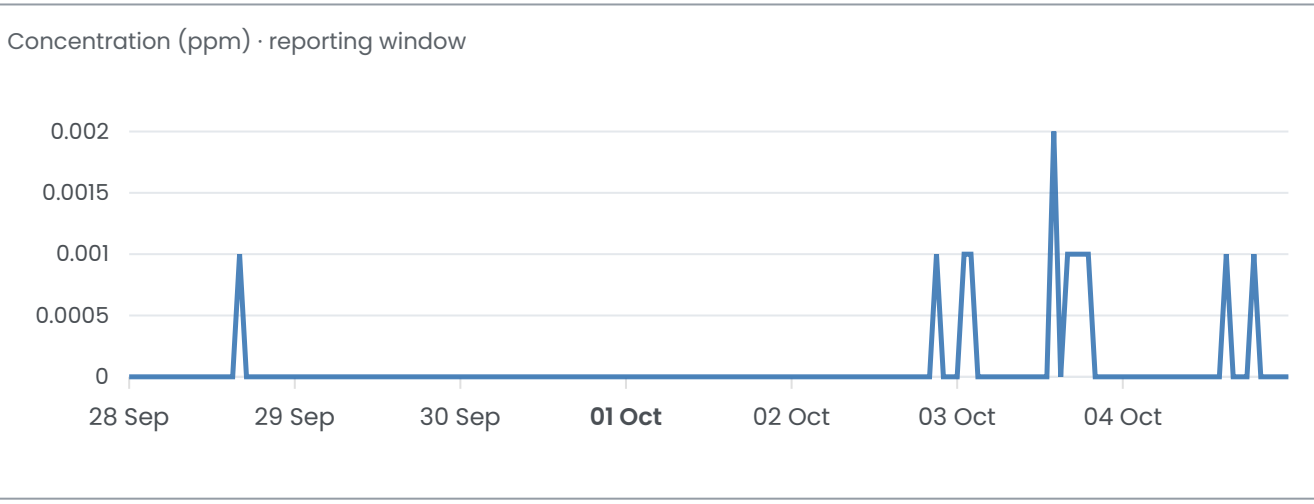


Standard AQI colours are used because no customer air-quality thresholds are configured for this sensor. All six categories are shown; bands with no readings are dimmed but retained.

Good	**165 · 100.0%**	Moderate	**0 · 0.0%**
Sensitive	**0 · 0.0%**	Unhealthy	**0 · 0.0%**
Very Unhealthy	**0 · 0.0%**	Hazardous	**0 · 0.0%**

Concentration trend

Primary visual · full width



DATA TREND

No significant trend. Data trend shows no significant trend

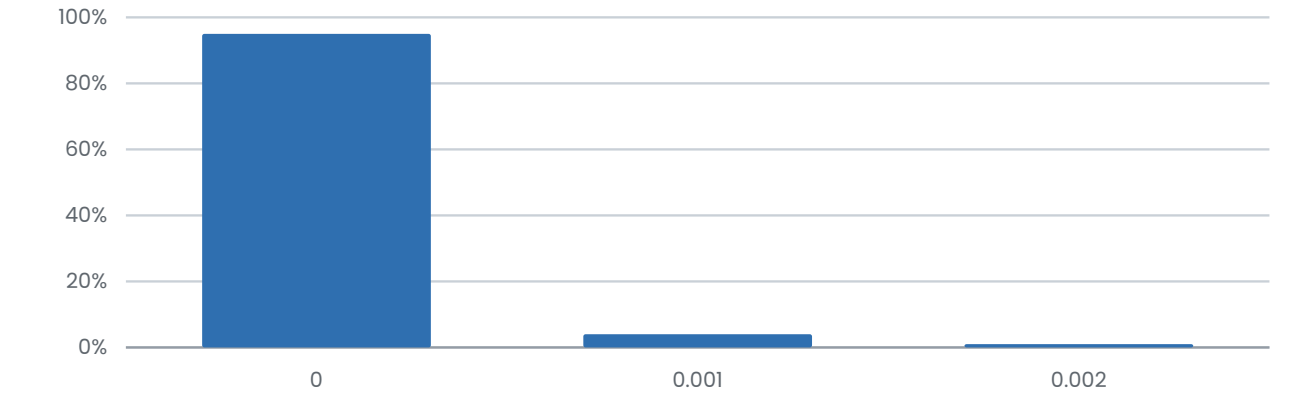


Hydrogen Sulfide · Sensor 5559 — supporting analysis (continued)

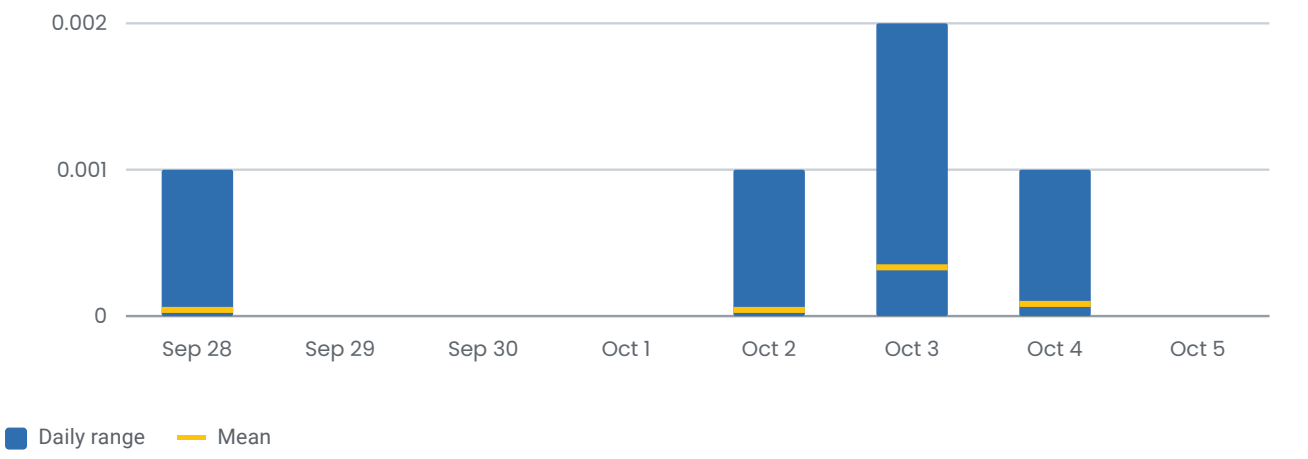
Distribution analysis

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 27, 22:49 – Sep 28, 15:33	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	1014
Sep 28, 15:34 – Sep 28, 15:34	spike	spike detected on H2S-10 sensor for equipment: SL052302	Not Yet Justified	1
Sep 28, 15:35 – Sep 29, 17:50	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	1602
Sep 29, 17:59 – Sep 30, 06:46	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	765
Sep 30, 06:48 – Sep 30, 13:28	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	386
Sep 30, 13:31 – Sep 30, 17:45	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	236
Sep 30, 17:47 – Sep 30, 18:39	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	26
Sep 30, 18:41 – Oct 1, 02:23	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	450
Oct 1, 02:25 – Oct 1, 21:58	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	1187
Oct 1, 22:00 – Oct 2, 14:12	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	973
Oct 2, 14:15 – Oct 2, 14:44	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	2
Oct 2, 16:55 – Oct 2, 17:50	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	29
Oct 2, 21:16 – Oct 3, 00:01	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	142
Oct 3, 00:07 – Oct 3, 00:47	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	14
Oct 3, 01:35 – Oct 3, 11:46	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	603

Hydrogen Sulfide · Sensor 5559 — connected events (continued)

CONNECTED EVENTS · EVENTS 16–28 OF 28

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Oct 3, 12:09 – Oct 3, 13:04	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	29
Oct 3, 13:09 – Oct 3, 13:09	spike	spike detected on H2S-10 sensor for equipment: SL052302	Not Yet Justified	1
Oct 3, 13:38 – Oct 3, 14:41	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	37
Oct 3, 15:45 – Oct 3, 16:38	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	26
Oct 3, 20:12 – Oct 3, 20:55	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	17
Oct 4, 00:21 – Oct 4, 00:58	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	10
Oct 4, 01:07 – Oct 4, 02:14	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	41
Oct 4, 02:16 – Oct 4, 09:10	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	396
Oct 4, 09:19 – Oct 4, 11:52	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	130
Oct 4, 13:16 – Oct 4, 14:10	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	27
Oct 4, 19:43 – Oct 4, 21:18	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	71
Oct 4, 21:20 – Oct 4, 22:48	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	63
Oct 4, 23:28 – Oct 5, 01:06	flatline	flatline detected on H2S-10 sensor for equipment: SL052302	Justified	73

Sulfur Dioxide

Sensor 5562 · Concentration · ppm

SL052302

SENSOR DETAIL & KEY METRICS

EQUIP. NAME	EQUIPMENT ID	SENSOR ID
SL052302	**SL052302**	**5562**
PARAMETER	UNIT	LAST CALIBRATION
Concentration	**ppm**	**N/A**

EXCEEDANCES	EXCEEDED TIME	ALARM CONDITION	CONNECTED EVENTS
0	**0%**	**N/A**	**6**

Air quality — Standard AQI

Resolved scheme · AQI fallback



Standard AQI colours are used because no customer air-quality thresholds are configured for this sensor. All six categories are shown; bands with no readings are dimmed but retained.

Good	**165 · 100.0%**	Moderate	**0 · 0.0%**
Sensitive	**0 · 0.0%**	Unhealthy	**0 · 0.0%**
Very Unhealthy	**0 · 0.0%**	Hazardous	**0 · 0.0%**

Concentration trend

Primary visual · full width

Concentration (ppm) · reporting window



DATA TREND

No significant trend. Data trend shows no significant trend

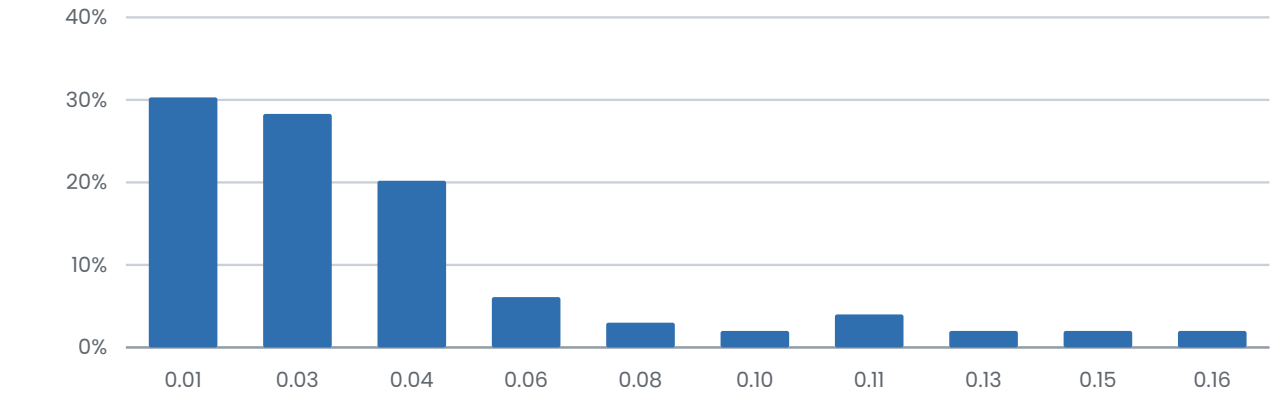


Sulfur Dioxide · Sensor 5562 — supporting analysis (continued)

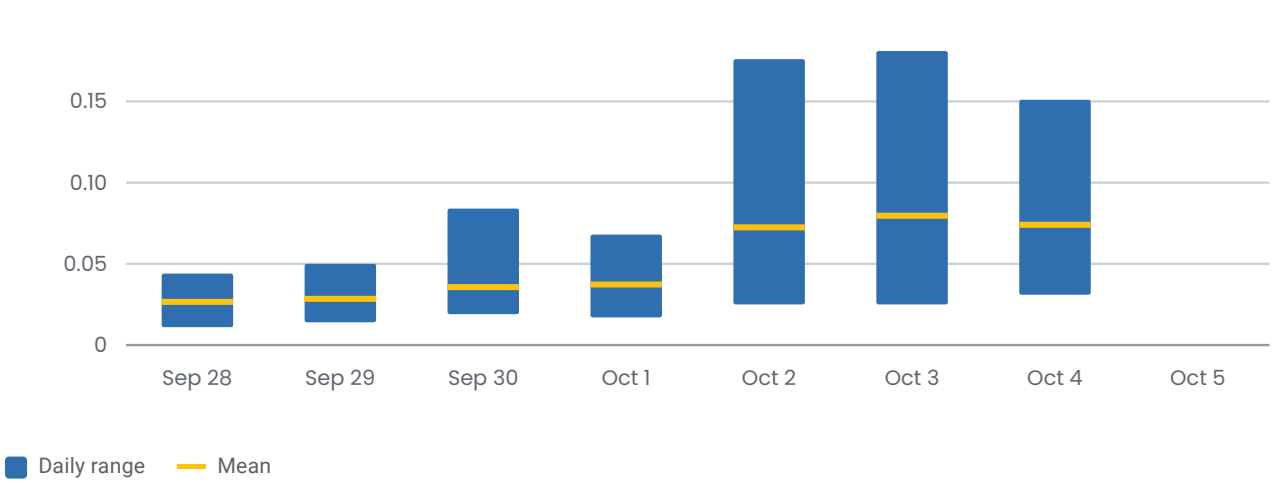
Distribution analysis

Stacked full width

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



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



Sulfur Dioxide · Sensor 5562 — connected events (continued)

CONNECTED EVENTS

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 27, 17:00 – Oct 4, 17:00	frequency_trend	Spikes on Sulfur Dioxide are about 5 times more frequent this week than usual	Justified	5
Oct 2, 12:07 – Oct 2, 16:27	spike	spike detected on SO2-20 sensor for equipment: SL052302	Not Yet Justified	256
Oct 2, 16:43 – Oct 2, 16:43	spike	spike detected on SO2-20 sensor for equipment: SL052302	Not Yet Justified	1
Oct 3, 12:36 – Oct 3, 13:19	spike	spike detected on SO2-20 sensor for equipment: SL052302	Not Yet Justified	43
Oct 4, 11:44 – Oct 4, 12:53	spike	spike detected on SO2-20 sensor for equipment: SL052302	Not Yet Justified	61
Oct 4, 13:41 – Oct 4, 14:31	spike	spike detected on SO2-20 sensor for equipment: SL052302	Not Yet Justified	19

Total VOC - PID

Sensor 5569 · Concentration · ppm

SL052302

SENSOR DETAIL & KEY METRICS

EQUIP. NAME	EQUIPMENT ID	SENSOR ID
SL052302	**SL052302**	**5569**
PARAMETER	UNIT	LAST CALIBRATION
Concentration	**ppm**	**2023.08.08**

EXCEEDANCES	EXCEEDED TIME	ALARM CONDITION	CONNECTED EVENTS
0	**0%**	**N/A**	**1**

Air quality — Standard AQI

Resolved scheme · AQI fallback

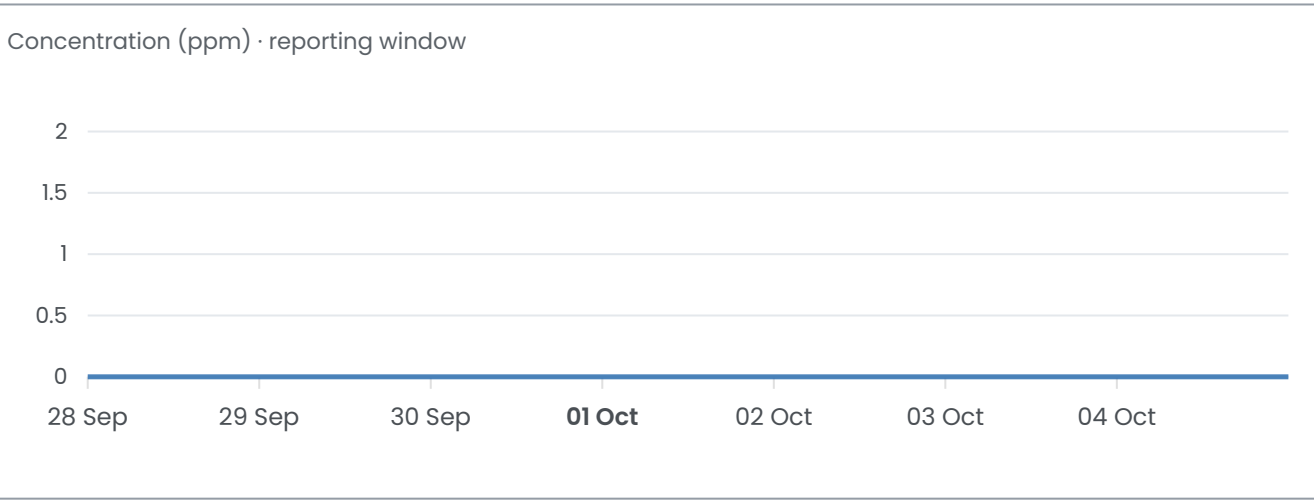


Standard AQI colours are used because no customer air-quality thresholds are configured for this sensor. All six categories are shown; bands with no readings are dimmed but retained.

Good	**165 · 100.0%**	Moderate	**0 · 0.0%**
Sensitive	**0 · 0.0%**	Unhealthy	**0 · 0.0%**
Very Unhealthy	**0 · 0.0%**	Hazardous	**0 · 0.0%**

Concentration trend

Primary visual · full width



DATA TREND

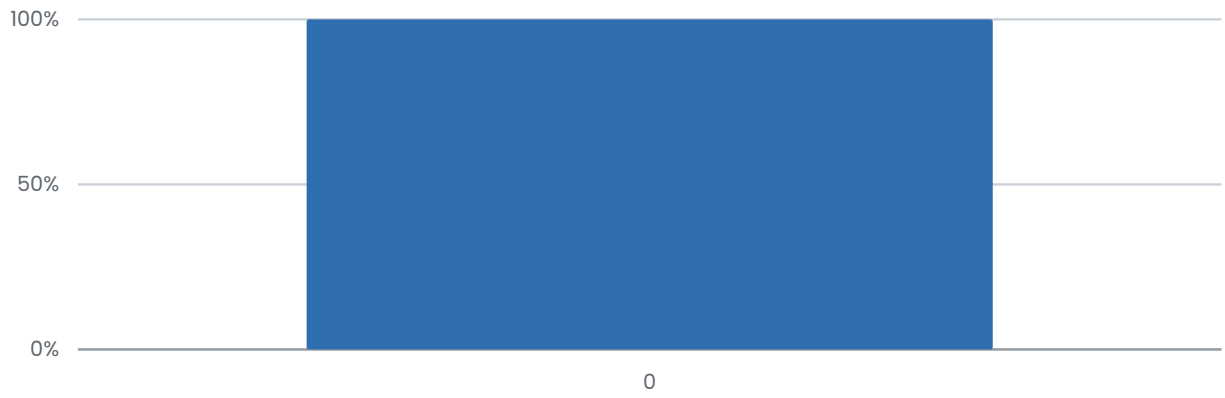
No significant trend. Data trend shows no significant trend

Total VOC - PID · Sensor 5569 — 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)

Insufficient data to calculate daily ranges.

CONNECTED EVENTS

DATE & TIME	TYPE	NOTES	JUSTIFICATION	OCCURRENCES
Sep 4, 12:48 – Oct 6, 16:30	flatline	flatline detected on TVOC-P-40 sensor for equipment: SL052302	Justified	47778

Sound Intensity Level - Class II

Sensor 5595 · Concentration · dBA

SL052302

SENSOR DETAIL & KEY METRICS

EQUIP. NAME	EQUIPMENT ID	SENSOR ID
SL052302	**SL052302**	**5595**
PARAMETER	UNIT	LAST CALIBRATION
Concentration	**dBA**	**N/A**

EXCEEDANCES	EXCEEDED TIME	ALARM CONDITION	CONNECTED EVENTS
0	**0%**	**N/A**	**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

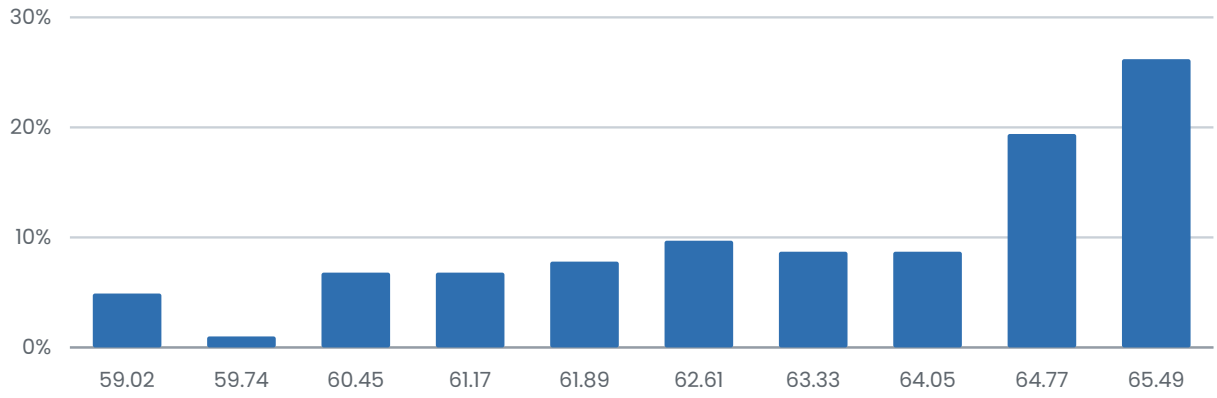


Sound Intensity Level - Class II · Sensor 5595 — supporting analysis (continued)

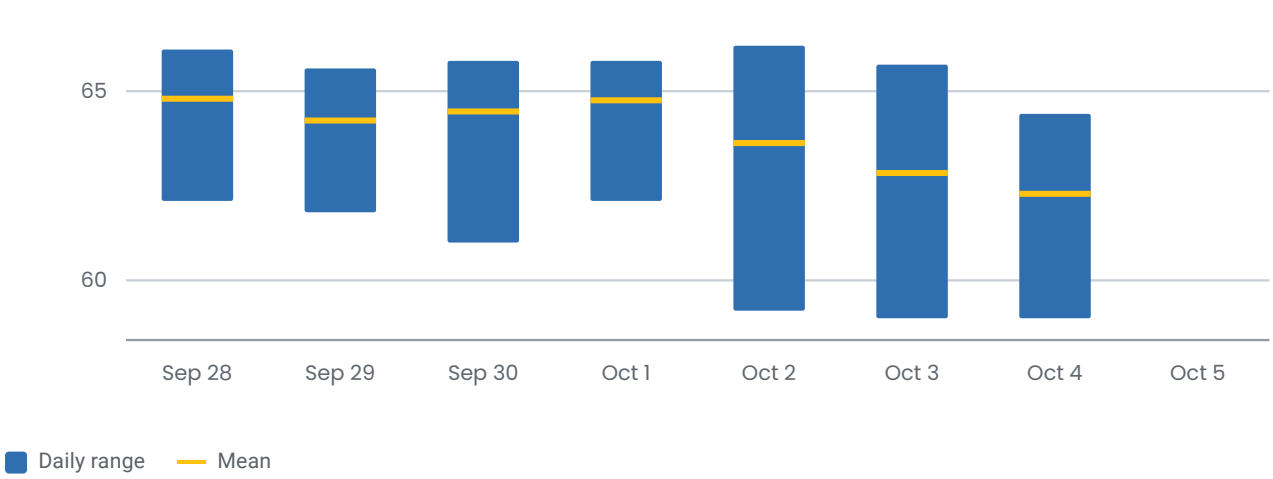
Distribution analysis

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
Oct 2, 12:42 – Oct 2, 12:46	dropout	dropout detected on SND-LVL-C2 sensor for equipment: SL052302	Not Yet Justified	5