

CARE-4-AIR
SITE 2 REPORT – UNICOI COUNTY, TN
BREDL DAILY QUALITY CONTROL REPORTS & COMMENTS
Blue Ridge Environmental Defense League

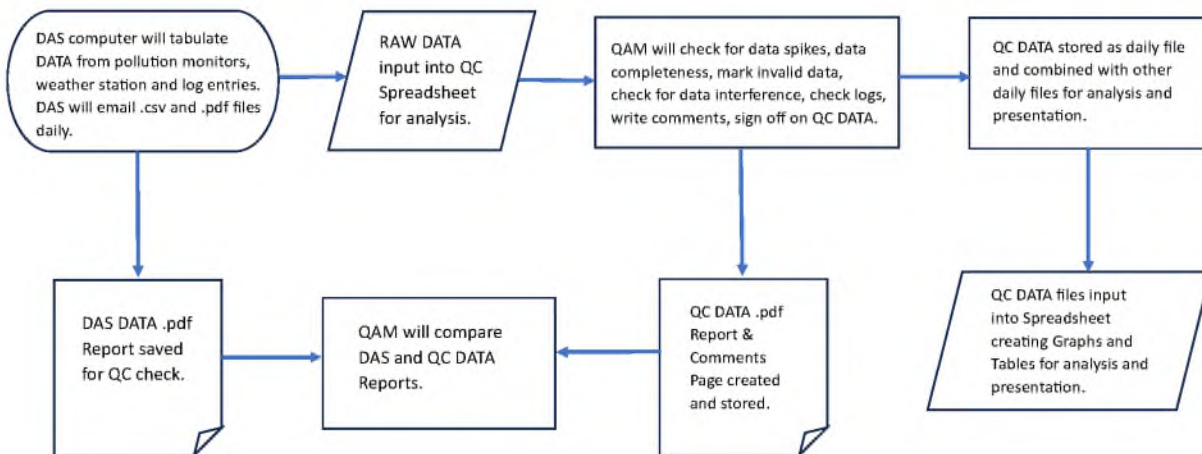
Enhanced Air Quality Monitoring for Communities
EPA-OAR-OAQPS-22-01
Grant ID: 5X02D46123



Therese Vick and
Mark Barker
January 2026

This report includes BREDL Daily Data Quality Control Reports and Comments. Therese Vick is our project's Quality Assurance Manager (QAM). She reviews the day's data for quality control as shown with the following flowchart.

BREDL CARE-4-AIR DATA QUALITY CONTROL AND ANALYSIS



BREDL Daily Site Reports include the hour averages for each pollutant based on the QC verified data.

The **QC Comments sheets** for each day include any comments related to the day's data. Some of these comments are automatically generated by the air monitoring equipment. For example, invalid data that occurs during calibrations and maintenance service. Other comments are added as necessary by our QAM.

Abbreviations:

MAINTAIN – Unit is out of service for maintenance

#N/A - indicates there was not enough data or valid data for the time range.

ND – No Data

< SAMP – This minute sample was not valid. For example, monitors may be out of service for most of the minute sampling.

SPAN, PURGE, ZERO, CALIB – Part of the NO/NO₂/NO_x monitor's calibration process. Data is invalid during this process.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, June 19, 2025

Monday, June 9, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/9/2025 12:00 AM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
6/9/2025 1:00 AM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
6/9/2025 2:00 AM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
6/9/2025 3:00 AM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
6/9/2025 4:00 AM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
6/9/2025 5:00 AM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
6/9/2025 6:00 AM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
6/9/2025 7:00 AM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
6/9/2025 8:00 AM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
6/9/2025 9:00 AM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
6/9/2025 10:00 AM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
6/9/2025 11:00 AM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
6/9/2025 12:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
6/9/2025 1:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
6/9/2025 2:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
6/9/2025 3:00 PM	2.5	#N/A	#N/A	#N/A	#N/A	#N/A
6/9/2025 4:00 PM	3.2	#N/A	#N/A	#N/A	#N/A	#N/A
6/9/2025 5:00 PM	3.6	6.2	11.9	-0.2	3.2	3.4
6/9/2025 6:00 PM	4.6	6.4	13.2	-0.2	3.9	4.1
6/9/2025 7:00 PM	4.4	6.8	14.3	-0.2	5.3	5.5
6/9/2025 8:00 PM	1.5	5.6	19.0	-0.3	0.2	0.5
6/9/2025 9:00 PM	2.4	5.4	18.2	-0.2	0.9	1.1
6/9/2025 10:00 PM	2.9	5.0	13.3	-0.2	1.4	1.7
6/9/2025 11:00 PM	2.5	5.1	14.3	-0.2	1.9	2.1

Minimum	1.5	5.0	11.9	-0.3	0.2	0.5
MinTime	8:00 PM	10:00 PM	5:00 PM	8:00 PM	8:00 PM	8:00 PM
Maximum	4.6	6.8	19.0	-0.2	5.3	5.5
MaxTime	6:00 PM	7:00 PM	8:00 PM	5:00 PM	7:00 PM	7:00 PM
Daily Average	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Number	9	7	7	7	7	7
Data Hourly (%)	37.50%	29.17%	29.17%	29.17%	29.17%	29.17%
Data Minute (%)	40.69%	31.46%	31.46%	29.17%	29.17%	29.17%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, June 09, 2025

No.	Time	Comments
1	12:00:00 AM	The trailer had been moved to Site 2 . Invalid data was due to start up and maintenance. Valid Data Began: VOC 2:31PM PM2.5 and PM10 4:33PM NO/NOX/NO2 5:06PM VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
2	12:01:00 AM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
3	12:02:00 AM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
4	12:03:00 AM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
5	12:04:00 AM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
6	12:05:00 AM	The trailer had been moved to Site 2 . Invalid data was due to start up and maintenance. Valid Data Began: VOC 2:31PM PM2.5 and PM10 4:33PM NO/NOX/NO2 5:06PM. This resulted in data incompleteness. VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
7	12:06:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this. VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
8	12:07:00 AM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
9	12:08:00 AM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
10	12:09:00 AM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
11	12:10:00 AM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
12	12:11:00 AM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
13	12:12:00 AM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
14	12:13:00 AM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
15	12:14:00 AM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
16	12:15:00 AM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
17	12:16:00 AM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
18	12:17:00 AM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
19	12:18:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
20	12:19:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
21	12:20:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
22	12:21:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
23	12:22:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
24	12:23:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
25	12:24:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
26	12:25:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,

50	12:49:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
51	12:50:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
52	12:51:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
53	12:52:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
54	12:53:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
55	12:54:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
56	12:55:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
57	12:56:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
58	12:57:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
59	12:58:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
60	12:59:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
61	1:00:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
62	1:01:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
63	1:02:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
64	1:03:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
65	1:04:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
66	1:05:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
67	1:06:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
68	1:07:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
69	1:08:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
70	1:09:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
71	1:10:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
72	1:11:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,

96	1:35:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
97	1:36:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
98	1:37:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
99	1:38:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
100	1:39:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
101	1:40:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
102	1:41:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
103	1:42:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
104	1:43:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
105	1:44:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
106	1:45:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
107	1:46:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
108	1:47:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
109	1:48:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
110	1:49:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
111	1:50:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
112	1:51:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
113	1:52:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
114	1:53:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
115	1:54:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
116	1:55:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
117	1:56:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
118	1:57:00 AM	VOC: ND Service, PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,

19

[illegible]

1001	4:47:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1002	4:48:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1003	4:49:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1004	4:50:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1005	4:51:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1006	4:52:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1007	4:53:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1008	4:54:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1009	4:55:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1010	4:56:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1011	4:57:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1012	4:58:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1013	4:59:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1014	5:00:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1015	5:01:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1016	5:02:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1017	5:03:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1018	5:04:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1019	5:05:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
1020	5:06:00 PM	NO: ND <Samp, NOX: ND <Samp, NO2: ND <Samp,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, June 20, 2025

Tuesday, June 10, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/10/2025 12:00 AM	2.0	5.2	14.8	-0.2	1.0	1.2
6/10/2025 1:00 AM	1.4	5.0	14.3	-0.1	0.8	1.0
6/10/2025 2:00 AM	3.8	5.0	14.0	-0.1	0.5	0.6
6/10/2025 3:00 AM	4.0	4.5	12.4	-0.1	0.0	0.1
6/10/2025 4:00 AM	2.3	4.3	10.6	-0.1	1.7	1.9
6/10/2025 5:00 AM	2.2	4.9	17.6	0.5	5.9	5.3
6/10/2025 6:00 AM	2.0	4.5	12.3	0.4	6.2	5.8
6/10/2025 7:00 AM	2.7	4.1	11.4	0.5	4.1	3.5
6/10/2025 8:00 AM	1.7	3.5	7.5	0.2	0.8	0.6
6/10/2025 9:00 AM	1.0	3.9	8.5	0.3	0.6	0.3
6/10/2025 10:00 AM	0.8	5.1	10.6	0.0	-0.6	-0.5
6/10/2025 11:00 AM	0.3	5.7	11.4	0.0	-0.2	-0.3
6/10/2025 12:00 PM	0.4	6.4	11.8	0.0	-0.4	-0.4
6/10/2025 1:00 PM	0.7	7.3	13.7	0.0	-0.4	-0.4
6/10/2025 2:00 PM	0.9	7.7	14.3	0.0	0.0	0.0
6/10/2025 3:00 PM	1.0	8.1	13.9	0.0	0.0	0.0
6/10/2025 4:00 PM	0.9	8.8	15.3	0.0	-0.1	0.0
6/10/2025 5:00 PM	0.6	10.7	17.9	0.0	0.3	0.3
6/10/2025 6:00 PM	2.2	12.3	22.8	0.4	9.3	8.9
6/10/2025 7:00 PM	2.2	11.8	20.8	0.0	6.2	6.2
6/10/2025 8:00 PM	4.0	13.4	22.5	-0.2	5.9	6.1
6/10/2025 9:00 PM	3.7	14.1	20.8	-0.1	2.9	3.1
6/10/2025 10:00 PM	3.3	13.8	20.7	-0.1	1.4	1.6
6/10/2025 11:00 PM	3.5	13.9	20.4	-0.1	1.0	1.1

Minimum	0.3	3.5	7.5	-0.2	-0.6	-0.5
MinTime	11:00 AM	8:00 AM	8:00 AM	12:00 AM	10:00 AM	10:00 AM
Maximum	4.0	14.1	22.8	0.5	9.3	8.9
MaxTime	3:00 AM	9:00 PM	6:00 PM	5:00 AM	6:00 PM	6:00 PM
Daily Average	1.9	7.6	15.0	0.0	1.9	1.9
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, June 10, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, June 20, 2025

Wednesday, June 11, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/11/2025 12:00 AM	2.6	13.0	19.7	-0.2	0.4	0.6
6/11/2025 1:00 AM	1.7	12.8	19.7	-0.1	0.1	0.3
6/11/2025 2:00 AM	2.5	13.4	20.1	-0.1	-0.1	0.0
6/11/2025 3:00 AM	1.9	13.8	21.1	-0.1	0.0	0.1
6/11/2025 4:00 AM	1.6	13.5	21.3	-0.1	1.0	1.1
6/11/2025 5:00 AM	2.5	14.2	27.8	0.8	6.1	5.2
6/11/2025 6:00 AM	3.1	13.9	23.5	1.3	6.0	4.7
6/11/2025 7:00 AM	2.6	13.4	22.5	0.9	3.2	2.2
6/11/2025 8:00 AM	3.3	14.4	23.1	0.5	1.5	0.9
6/11/2025 9:00 AM	1.6	14.7	22.3	0.0	0.0	0.0
6/11/2025 10:00 AM	1.2	15.3	22.2	0.0	-0.5	-0.5
6/11/2025 11:00 AM	0.9	16.4	23.6	0.0	0.0	-0.1
6/11/2025 12:00 PM	2.0	18.2	27.5	0.0	-0.3	-0.2
6/11/2025 1:00 PM	2.3	18.2	28.2	0.0	0.2	0.2
6/11/2025 2:00 PM	1.8	20.2	31.6	0.0	0.5	0.5
6/11/2025 3:00 PM	2.9	21.8	31.3	0.0	0.8	0.8
6/11/2025 4:00 PM	3.8	24.9	35.9	0.0	2.2	2.1
6/11/2025 5:00 PM	2.9	25.4	37.9	0.0	1.5	1.5
6/11/2025 6:00 PM	3.7	25.7	37.7	0.0	5.3	5.3
6/11/2025 7:00 PM	4.7	26.0	43.7	0.0	8.1	8.1
6/11/2025 8:00 PM	4.7	25.4	38.7	-0.2	6.1	6.3
6/11/2025 9:00 PM	4.2	25.0	34.7	-0.2	3.1	3.3
6/11/2025 10:00 PM	10.6	25.6	34.8	-0.1	2.1	2.3
6/11/2025 11:00 PM	6.5	25.3	35.6	-0.2	1.3	1.6

Minimum	0.9	12.8	19.7	-0.2	-0.5	-0.5
MinTime	11:00 AM	1:00 AM	12:00 AM	12:00 AM	10:00 AM	10:00 AM
Maximum	10.6	26.0	43.7	1.3	8.1	8.1
MaxTime	10:00 PM	7:00 PM	7:00 PM	6:00 AM	7:00 PM	7:00 PM
Daily Average	3.1	18.7	28.5	0.0	2.0	1.9
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, June 11, 2025

No.	Time	Comments
1	8:12:00 PM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Saturday, June 21, 2025

Thursday, June 12, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/12/2025 12:00 AM	3.8	24.2	33.7	-0.1	0.6	0.8
6/12/2025 1:00 AM	2.9	22.4	31.2	-0.1	0.3	0.4
6/12/2025 2:00 AM	2.8	20.6	29.6	-0.1	0.0	0.1
6/12/2025 3:00 AM	2.9	19.5	28.3	0.0	0.0	0.1
6/12/2025 4:00 AM	2.3	18.8	27.0	-0.1	0.3	0.4
6/12/2025 5:00 AM	2.5	18.1	31.8	1.2	5.0	3.7
6/12/2025 6:00 AM	3.2	17.7	28.2	1.2	5.6	4.3
6/12/2025 7:00 AM	2.7	16.8	26.0	1.0	3.3	2.3
6/12/2025 8:00 AM	4.1	16.7	25.7	1.0	3.5	2.5
6/12/2025 9:00 AM	3.1	14.8	22.5	0.1	0.4	0.3
6/12/2025 10:00 AM	1.2	11.8	17.7	0.0	-0.5	-0.4
6/12/2025 11:00 AM	1.4	10.7	15.7	-0.1	-0.6	-0.5
6/12/2025 12:00 PM	4.4	12.9	31.0	0.3	1.3	1.0
6/12/2025 1:00 PM	2.8	11.2	17.8	0.1	1.3	1.1
6/12/2025 2:00 PM	1.7	10.6	18.1	0.0	0.0	0.0
6/12/2025 3:00 PM	2.3	10.2	17.1	0.0	0.2	0.2
6/12/2025 4:00 PM	1.0	8.4	16.0	0.0	0.7	0.8
6/12/2025 5:00 PM	0.6	4.7	12.9	0.0	0.6	0.7
6/12/2025 6:00 PM	1.3	4.5	14.0	0.0	2.8	2.9
6/12/2025 7:00 PM	1.4	4.5	11.1	0.0	2.5	2.5
6/12/2025 8:00 PM	1.5	4.8	11.9	-0.1	1.7	1.8
6/12/2025 9:00 PM	1.8	5.0	11.9	0.1	2.0	1.9
6/12/2025 10:00 PM	2.6	5.7	15.7	-0.1	1.0	1.1
6/12/2025 11:00 PM	3.8	5.7	16.1	-0.1	1.0	1.1

Minimum	0.6	4.5	11.1	-0.1	-0.6	-0.5
MinTime	5:00 PM	6:00 PM	7:00 PM	12:00 AM	11:00 AM	11:00 AM
Maximum	4.4	24.2	33.7	1.2	5.6	4.3
MaxTime	12:00 PM	12:00 AM	12:00 AM	5:00 AM	6:00 AM	6:00 AM
Daily Average	2.4	12.5	21.2	0.1	1.3	1.2
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, June 12, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.
2	12:01:00 AM	Mowing was observed near the trailer via the security camera from 12:24-12:25 pm. Significant increases in VOCs were measured from 12:27-12:34pm, the highest spike, 33.6 occurred at 12:27pm. Note-the security camera only picks up activity within it's range.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Monday, June 23, 2025

Friday, June 13, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/13/2025 12:00 AM	4.4	6.0	16.9	0.0	1.1	1.1
6/13/2025 1:00 AM	2.4	6.2	17.4	0.0	0.3	0.4
6/13/2025 2:00 AM	2.7	6.3	17.7	0.0	0.2	0.2
6/13/2025 3:00 AM	5.1	6.7	19.1	0.2	0.9	0.6
6/13/2025 4:00 AM	6.0	6.3	16.8	1.2	3.0	1.8
6/13/2025 5:00 AM	4.7	6.5	20.7	4.9	7.3	2.3
6/13/2025 6:00 AM	2.8	6.3	19.2	5.6	9.8	4.1
6/13/2025 7:00 AM	2.3	5.3	15.4	4.0	8.0	4.0
6/13/2025 8:00 AM	1.9	4.1	11.2	1.2	2.3	1.1
6/13/2025 9:00 AM	0.5	3.0	7.8	0.2	0.3	0.1
6/13/2025 10:00 AM	0.1	3.8	8.9	0.0	-0.2	-0.3
6/13/2025 11:00 AM	0.4	4.4	10.4	0.4	0.7	0.2
6/13/2025 12:00 PM	0.1	4.7	10.6	0.0	0.0	-0.1
6/13/2025 1:00 PM	0.4	4.6	9.3	0.0	-0.3	-0.3
6/13/2025 2:00 PM	0.2	4.5	9.3	0.0	-0.4	-0.4
6/13/2025 3:00 PM	0.2	4.0	7.9	0.0	-0.8	-0.8
6/13/2025 4:00 PM	0.3	4.5	9.7	0.0	-0.1	-0.2
6/13/2025 5:00 PM	0.1	5.2	11.7	0.0	-0.2	-0.1
6/13/2025 6:00 PM	0.8	5.6	11.8	0.0	1.6	1.5
6/13/2025 7:00 PM	0.7	5.7	12.9	-0.1	1.2	1.3
6/13/2025 8:00 PM	0.5	6.7	13.6	0.0	1.3	1.3
6/13/2025 9:00 PM	1.4	6.1	13.1	0.0	1.8	1.7
6/13/2025 10:00 PM	0.4	4.8	15.2	-0.1	0.1	0.3
6/13/2025 11:00 PM	0.0	2.8	18.1	-0.2	-0.4	-0.2

Minimum	0.0	2.8	7.8	-0.2	-0.8	-0.8
MinTime	11:00 PM	11:00 PM	9:00 AM	11:00 PM	3:00 PM	3:00 PM
Maximum	6.0	6.7	20.7	5.6	9.8	4.1
MaxTime	4:00 AM	3:00 AM	5:00 AM	6:00 AM	6:00 AM	6:00 AM
Daily Average	1.6	5.1	13.5	0.7	1.5	0.8
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, June 13, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, June 26, 2025

Saturday, June 14, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/14/2025 12:00 AM	0.0	2.8	15.0	-0.1	-0.9	-0.8
6/14/2025 1:00 AM	0.0	3.1	11.8	-0.1	-0.6	-0.5
6/14/2025 2:00 AM	0.2	3.5	13.7	0.0	-0.5	-0.4
6/14/2025 3:00 AM	0.2	4.0	15.2	0.0	-0.3	-0.3
6/14/2025 4:00 AM	0.2	3.9	14.5	0.0	0.0	0.0
6/14/2025 5:00 AM	0.2	4.4	19.7	3.0	4.9	1.8
6/14/2025 6:00 AM	0.3	4.1	13.7	1.8	4.0	2.2
6/14/2025 7:00 AM	0.4	4.0	12.6	1.2	1.8	0.5
6/14/2025 8:00 AM	1.1	4.3	11.9	1.1	2.4	1.3
6/14/2025 9:00 AM	1.2	4.1	11.3	1.2	2.0	0.7
6/14/2025 10:00 AM	0.6	4.1	10.4	0.3	0.3	0.0
6/14/2025 11:00 AM	0.0	3.8	9.2	0.3	-0.2	-0.5
6/14/2025 12:00 PM	0.3	3.9	9.3	0.1	-0.5	-0.7
6/14/2025 1:00 PM	0.1	3.8	8.7	0.0	-0.8	-0.9
6/14/2025 2:00 PM	0.5	4.0	8.4	0.0	-0.9	-1.0
6/14/2025 3:00 PM	0.3	4.5	9.7	0.0	-0.8	-0.7
6/14/2025 4:00 PM	0.0	4.7	9.5	0.0	-0.9	-0.9
6/14/2025 5:00 PM	0.0	4.8	9.6	0.0	-1.2	-1.1
6/14/2025 6:00 PM	0.1	5.9	14.4	0.1	1.4	1.3
6/14/2025 7:00 PM	0.7	6.0	15.9	0.2	3.4	3.2
6/14/2025 8:00 PM	0.9	6.2	14.7	0.0	2.3	2.3
6/14/2025 9:00 PM	2.4	7.0	15.8	0.1	1.7	1.6
6/14/2025 10:00 PM	2.1	6.9	15.6	-0.1	0.6	0.7
6/14/2025 11:00 PM	2.2	7.2	16.0	0.0	0.4	0.4

Minimum	0.0	2.8	8.4	-0.1	-1.2	-1.1
MinTime	12:00 AM	12:00 AM	2:00 PM	12:00 AM	5:00 PM	5:00 PM
Maximum	2.4	7.2	19.7	3.0	4.9	3.2
MaxTime	9:00 PM	11:00 PM	5:00 AM	5:00 AM	5:00 AM	7:00 PM
Daily Average	0.5	4.6	12.7	0.3	0.7	0.3
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, June 14, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Sunday, June 29, 2025

Sunday, June 15, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/15/2025 12:00 AM	1.6	7.3	16.5	0.0	0.4	0.5
6/15/2025 1:00 AM	1.0	7.4	16.2	0.0	0.0	0.0
6/15/2025 2:00 AM	0.8	6.6	16.2	0.0	0.0	0.0
6/15/2025 3:00 AM	0.9	6.2	15.5	0.0	-0.3	-0.3
6/15/2025 4:00 AM	0.7	6.0	17.4	0.0	-0.2	-0.3
6/15/2025 5:00 AM	0.5	5.5	15.0	0.4	0.0	-0.3
6/15/2025 6:00 AM	0.9	5.9	15.0	0.4	0.0	-0.4
6/15/2025 7:00 AM	0.7	6.0	14.4	0.5	0.4	-0.1
6/15/2025 8:00 AM	3.5	5.8	13.6	0.4	0.2	-0.2
6/15/2025 9:00 AM	1.6	4.5	9.6	0.2	-0.2	-0.5
6/15/2025 10:00 AM	0.0	4.1	9.5	0.0	-0.9	-0.9
6/15/2025 11:00 AM	0.1	3.6	7.9	0.0	-0.9	-0.9
6/15/2025 12:00 PM	0.0	3.4	7.5	0.0	-1.1	-1.1
6/15/2025 1:00 PM	0.0	3.9	9.4	0.0	-1.2	-1.1
6/15/2025 2:00 PM	0.0	3.9	9.7	0.0	-1.1	-1.1
6/15/2025 3:00 PM	0.0	3.9	10.2	0.0	-1.0	-1.0
6/15/2025 4:00 PM	0.0	4.3	8.7	0.0	-1.1	-1.1
6/15/2025 5:00 PM	0.0	4.8	9.9	0.0	-0.5	-0.5
6/15/2025 6:00 PM	0.0	5.4	11.4	0.1	0.5	0.3
6/15/2025 7:00 PM	1.2	6.1	15.1	0.4	3.4	2.9
6/15/2025 8:00 PM	0.7	6.2	17.4	0.2	1.2	1.0
6/15/2025 9:00 PM	0.0	5.6	17.0	0.0	0.0	0.0
6/15/2025 10:00 PM	0.0	5.0	12.6	-0.1	-0.9	-0.7
6/15/2025 11:00 PM	0.0	3.7	9.2	-0.1	-1.4	-1.2

Minimum	0.0	3.4	7.5	-0.1	-1.4	-1.2
MinTime	10:00 AM	12:00 PM	12:00 PM	10:00 PM	11:00 PM	11:00 PM
Maximum	3.5	7.4	17.4	0.5	3.4	2.9
MaxTime	8:00 AM	1:00 AM	4:00 AM	7:00 AM	7:00 PM	7:00 PM
Daily Average	0.5	5.2	12.7	0.1	-0.1	-0.2
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, June 15, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Monday, June 30, 2025

Monday, June 16, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/16/2025 12:00 AM	0.0	3.8	10.4	-0.1	-0.9	-0.7
6/16/2025 1:00 AM	0.0	3.8	10.6	0.0	-0.8	-0.8
6/16/2025 2:00 AM	0.1	3.9	10.4	0.0	-0.3	-0.3
6/16/2025 3:00 AM	0.1	4.2	12.9	#N/A	#N/A	#N/A
6/16/2025 4:00 AM	0.1	4.6	15.7	0.2	1.8	1.6
6/16/2025 5:00 AM	0.3	4.7	15.1	#N/A	#N/A	#N/A
6/16/2025 6:00 AM	0.9	4.6	14.9	3.0	8.8	5.7
6/16/2025 7:00 AM	1.2	4.3	12.6	2.5	5.9	3.4
6/16/2025 8:00 AM	1.0	5.3	14.1	2.8	6.2	3.3
6/16/2025 9:00 AM	0.3	6.6	14.9	0.8	1.2	0.3
6/16/2025 10:00 AM	0.0	6.3	13.6	0.1	-0.5	-0.7
6/16/2025 11:00 AM	0.0	6.3	13.6	0.0	-0.4	-0.5
6/16/2025 12:00 PM	0.1	6.3	13.5	0.0	-0.3	-0.4
6/16/2025 1:00 PM	0.7	6.1	13.6	0.1	-0.1	-0.3
6/16/2025 2:00 PM	0.1	6.2	13.0	0.2	-0.1	-0.3
6/16/2025 3:00 PM	0.1	5.8	11.3	0.1	0.0	-0.1
6/16/2025 4:00 PM	0.0	4.5	9.8	0.2	0.0	-0.1
6/16/2025 5:00 PM	0.0	4.3	9.4	0.1	1.2	1.1
6/16/2025 6:00 PM	0.0	5.2	12.1	0.1	1.0	0.9
6/16/2025 7:00 PM	0.6	5.8	14.7	-0.1	0.7	0.8
6/16/2025 8:00 PM	0.1	6.1	14.5	0.0	0.6	0.7
6/16/2025 9:00 PM	1.7	10.4	21.4	0.0	2.6	2.5
6/16/2025 10:00 PM	1.8	9.9	20.7	0.0	0.9	0.9
6/16/2025 11:00 PM	1.5	8.4	19.0	-0.1	0.5	0.6

Minimum	0.0	3.8	9.4	-0.1	-0.9	-0.8
MinTime	12:00 AM	12:00 AM	5:00 PM	12:00 AM	12:00 AM	1:00 AM
Maximum	1.8	10.4	21.4	3.0	8.8	5.7
MaxTime	10:00 PM	9:00 PM	9:00 PM	6:00 AM	6:00 AM	6:00 AM
Daily Average	0.4	5.7	13.8	0.4	1.2	0.8
Number	24	24	24	22	22	22
Data Hourly (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, June 16, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.
2	12:01:00 AM	2 sequences of calibration
3	12:02:00 AM	All data met required 75% completeness
4	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
42	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

43	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
44	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
57	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
58	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
59	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
68	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
69	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
83	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
84	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
89	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

90	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
113	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
114	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
122	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
123	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, July 2, 2025

Tuesday, June 17, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/17/2025 12:00 AM	2.4	7.8	18.6	0.0	0.6	0.6
6/17/2025 1:00 AM	2.7	8.1	19.4	0.0	-0.1	0.0
6/17/2025 2:00 AM	0.5	8.1	19.7	0.0	0.4	0.4
6/17/2025 3:00 AM	0.2	7.5	19.0	0.0	0.4	0.3
6/17/2025 4:00 AM	0.2	7.3	18.7	0.2	1.3	1.0
6/17/2025 5:00 AM	0.1	7.4	22.0	1.6	4.5	2.8
6/17/2025 6:00 AM	0.1	6.8	18.5	1.7	3.2	1.4
6/17/2025 7:00 AM	0.4	6.3	17.9	2.7	3.9	1.1
6/17/2025 8:00 AM	0.1	5.6	13.3	1.0	1.6	0.5
6/17/2025 9:00 AM	0.0	4.3	11.2	0.5	0.5	0.0
6/17/2025 10:00 AM	0.0	3.9	11.4	0.1	-0.6	-0.7
6/17/2025 11:00 AM	0.6	4.0	9.3	0.2	0.0	-0.2
6/17/2025 12:00 PM	0.1	4.0	9.6	0.1	-0.4	-0.5
6/17/2025 1:00 PM	0.0	3.8	8.7	0.1	-0.7	-0.8
6/17/2025 2:00 PM	0.0	4.0	9.4	0.0	-0.6	-0.7
6/17/2025 3:00 PM	0.0	4.5	15.4	0.4	1.2	0.7
6/17/2025 4:00 PM	0.0	3.4	13.1	0.6	1.3	0.6
6/17/2025 5:00 PM	0.0	3.4	10.2	0.1	-0.2	-0.3
6/17/2025 6:00 PM	0.0	3.7	10.2	0.1	0.0	-0.1
6/17/2025 7:00 PM	0.0	3.8	11.0	0.0	0.0	0.1
6/17/2025 8:00 PM	0.0	4.2	12.8	0.0	1.2	1.2
6/17/2025 9:00 PM	0.0	3.4	13.9	0.0	-0.6	-0.6
6/17/2025 10:00 PM	0.0	2.8	13.7	0.0	1.0	1.0
6/17/2025 11:00 PM	0.0	2.9	12.6	-0.1	0.0	0.2

Minimum	0.0	2.8	8.7	-0.1	-0.7	-0.8
MinTime	9:00 AM	10:00 PM	1:00 PM	11:00 PM	1:00 PM	1:00 PM
Maximum	2.7	8.1	22.0	2.7	4.5	2.8
MaxTime	1:00 AM	1:00 AM	5:00 AM	7:00 AM	5:00 AM	5:00 AM
Daily Average	0.3	5.0	14.1	0.3	0.7	0.3
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, June 17, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, July 2, 2025

Wednesday, June 18, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/18/2025 12:00 AM	0.0	3.0	11.5	-0.1	-0.1	0.0
6/18/2025 1:00 AM	0.0	3.7	13.5	0.0	-0.5	-0.5
6/18/2025 2:00 AM	0.0	3.8	14.6	0.0	-0.5	-0.4
6/18/2025 3:00 AM	0.0	3.7	13.6	-0.1	0.0	0.0
6/18/2025 4:00 AM	0.0	3.9	13.4	0.0	-0.1	-0.1
6/18/2025 5:00 AM	0.0	4.1	15.0	0.3	2.6	2.3
6/18/2025 6:00 AM	0.0	3.9	14.0	0.9	3.2	2.3
6/18/2025 7:00 AM	0.0	4.1	15.7	2.5	6.8	4.3
6/18/2025 8:00 AM	0.0	4.1	12.9	1.2	2.5	1.3
6/18/2025 9:00 AM	0.0	4.7	13.5	0.3	0.0	-0.3
6/18/2025 10:00 AM	0.0	5.4	15.0	0.2	-0.5	-0.7
6/18/2025 11:00 AM	0.0	4.1	12.0	0.2	0.5	0.3
6/18/2025 12:00 PM	0.0	3.2	8.0	0.1	0.0	-0.1
6/18/2025 1:00 PM	0.0	3.4	8.0	0.0	-0.7	-0.8
6/18/2025 2:00 PM	0.0	5.7	12.9	0.1	-0.6	-0.7
6/18/2025 3:00 PM	0.0	6.4	13.9	0.1	-0.5	-0.7
6/18/2025 4:00 PM	0.0	6.8	16.2	0.3	1.0	0.6
6/18/2025 5:00 PM	0.0	7.3	15.6	0.5	1.2	0.7
6/18/2025 6:00 PM	0.0	6.8	17.4	0.4	1.9	1.5
6/18/2025 7:00 PM	0.0	7.0	19.7	0.7	5.7	5.0
6/18/2025 8:00 PM	0.1	7.7	23.5	3.9	15.2	11.2
6/18/2025 9:00 PM	0.4	7.5	20.7	5.1	14.9	9.8
6/18/2025 10:00 PM	3.1	7.5	21.4	2.4	10.1	7.7
6/18/2025 11:00 PM	0.3	7.2	19.4	0.2	4.1	3.8

Minimum	0.0	3.0	8.0	-0.1	-0.7	-0.8
MinTime	12:00 AM	12:00 AM	12:00 PM	12:00 AM	1:00 PM	1:00 PM
Maximum	3.1	7.7	23.5	5.1	15.2	11.2
MaxTime	10:00 PM	8:00 PM	8:00 PM	9:00 PM	8:00 PM	8:00 PM
Daily Average	0.1	5.2	15.0	0.8	2.7	1.9
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, June 18, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, July 3, 2025

Thursday, June 19, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/19/2025 12:00 AM	0.0	7.0	18.5	0.7	6.1	5.4
6/19/2025 1:00 AM	0.1	7.5	21.4	1.0	5.5	4.5
6/19/2025 2:00 AM	0.0	7.3	20.8	1.0	4.7	3.7
6/19/2025 3:00 AM	0.0	6.8	20.5	1.6	5.3	3.7
6/19/2025 4:00 AM	0.0	7.1	20.8	2.2	5.5	3.3
6/19/2025 5:00 AM	0.0	6.9	22.4	2.6	6.4	3.7
6/19/2025 6:00 AM	0.0	7.5	22.1	6.3	10.6	4.3
6/19/2025 7:00 AM	0.0	6.4	16.2	5.7	9.4	3.7
6/19/2025 8:00 AM	0.0	5.7	13.9	1.4	3.1	1.7
6/19/2025 9:00 AM	0.0	5.2	12.6	0.7	0.5	-0.1
6/19/2025 10:00 AM	0.0	3.5	9.1	0.4	0.2	-0.1
6/19/2025 11:00 AM	0.0	1.9	8.3	0.6	2.9	2.2
6/19/2025 12:00 PM	0.0	2.6	8.2	1.1	2.5	1.3
6/19/2025 1:00 PM	0.0	3.1	9.3	0.5	0.6	0.1
6/19/2025 2:00 PM	0.0	3.4	8.6	0.2	0.0	-0.2
6/19/2025 3:00 PM	0.0	3.8	8.1	0.0	-0.4	-0.5
6/19/2025 4:00 PM	0.0	3.6	8.3	0.1	0.0	0.0
6/19/2025 5:00 PM	0.0	3.6	9.8	0.1	1.0	0.9
6/19/2025 6:00 PM	0.0	3.9	10.1	0.0	1.4	1.3
6/19/2025 7:00 PM	0.0	3.9	10.8	0.0	2.2	2.2
6/19/2025 8:00 PM	0.0	4.4	10.5	-0.1	0.0	0.1
6/19/2025 9:00 PM	0.0	4.7	11.4	-0.1	1.4	1.5
6/19/2025 10:00 PM	0.0	4.4	11.7	0.0	0.0	0.0
6/19/2025 11:00 PM	0.0	4.8	14.9	-0.1	0.9	1.0

Minimum	0.0	1.9	8.1	-0.1	-0.4	-0.5
MinTime	12:00 AM	11:00 AM	3:00 PM	8:00 PM	3:00 PM	3:00 PM
Maximum	0.1	7.5	22.4	6.3	10.6	5.4
MaxTime	1:00 AM	1:00 AM	5:00 AM	6:00 AM	6:00 AM	12:00 AM
Daily Average	0.0	4.9	13.6	1.0	2.9	1.8
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, June 19, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, July 4, 2025

Friday, June 20, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/20/2025 12:00 AM	0.0	4.4	14.1	-0.1	0.1	0.2
6/20/2025 1:00 AM	0.0	4.9	15.6	0.0	1.0	1.1
6/20/2025 2:00 AM	0.0	5.2	16.3	0.0	1.5	1.5
6/20/2025 3:00 AM	0.0	4.8	14.5	0.0	0.7	0.7
6/20/2025 4:00 AM	0.0	4.6	12.1	0.0	1.0	1.1
6/20/2025 5:00 AM	0.0	4.8	13.2	0.2	3.4	3.2
6/20/2025 6:00 AM	0.0	4.5	12.4	1.7	6.2	4.5
6/20/2025 7:00 AM	0.0	4.6	11.0	2.1	4.9	2.7
6/20/2025 8:00 AM	0.0	4.2	11.2	1.1	1.9	0.8
6/20/2025 9:00 AM	0.0	4.2	9.5	0.0	-0.6	-0.7
6/20/2025 10:00 AM	0.0	4.3	9.0	0.0	-0.5	-0.6
6/20/2025 11:00 AM	0.1	4.8	9.5	0.0	0.0	0.0
6/20/2025 12:00 PM	0.0	5.3	9.8	0.0	0.3	0.3
6/20/2025 1:00 PM	0.0	4.9	9.4	0.0	-0.5	-0.5
6/20/2025 2:00 PM	0.0	5.0	9.9	0.1	0.3	0.1
6/20/2025 3:00 PM	1.1	5.7	12.6	0.6	2.2	1.6
6/20/2025 4:00 PM	0.5	5.4	10.5	0.4	2.6	2.2
6/20/2025 5:00 PM	0.5	5.2	11.1	0.1	2.9	2.7
6/20/2025 6:00 PM	3.2	6.4	25.5	0.9	13.3	12.4
6/20/2025 7:00 PM	0.1	7.3	28.4	0.8	14.3	13.5
6/20/2025 8:00 PM	0.1	6.5	17.2	0.0	9.7	9.7
6/20/2025 9:00 PM	0.3	6.9	16.9	-0.1	8.5	8.6
6/20/2025 10:00 PM	0.9	7.0	16.3	0.0	3.6	3.6
6/20/2025 11:00 PM	0.8	6.8	17.5	0.0	2.3	2.3

Minimum	0.0	4.2	9.0	-0.1	-0.6	-0.7
MinTime	12:00 AM	8:00 AM	10:00 AM	12:00 AM	9:00 AM	9:00 AM
Maximum	3.2	7.3	28.4	2.1	14.3	13.5
MaxTime	6:00 PM	7:00 PM	7:00 PM	7:00 AM	7:00 PM	7:00 PM
Daily Average	0.3	5.3	13.8	0.3	3.2	2.9
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, June 20, 2025

No.	Time	Comments
1	12:03:00 AM	Our security camera detected someone mowing near the trailer at 2:56pm EST. It is unclear how long the mowing lasted as the security camera has a limited field of vision. VOCs started rising from then and continued to rise intermittantly through the end of the day. They peaked at 35.9 at 6:35PM.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, July 4, 2025

Saturday, June 21, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/21/2025 12:00 AM	0.7	7.2	17.8	-0.1	1.3	1.4
6/21/2025 1:00 AM	0.1	7.0	16.3	0.0	1.0	1.1
6/21/2025 2:00 AM	0.0	7.3	16.9	-0.1	0.2	0.4
6/21/2025 3:00 AM	0.0	7.5	16.9	0.0	0.6	0.6
6/21/2025 4:00 AM	3.1	7.0	16.2	0.0	-0.3	-0.2
6/21/2025 5:00 AM	4.1	7.2	22.6	0.5	2.7	2.2
6/21/2025 6:00 AM	0.0	6.9	18.8	0.8	2.7	1.9
6/21/2025 7:00 AM	0.1	7.2	21.9	1.1	3.1	2.0
6/21/2025 8:00 AM	0.0	6.7	17.6	0.4	1.1	0.7
6/21/2025 9:00 AM	0.0	6.3	14.1	0.4	0.9	0.5
6/21/2025 10:00 AM	0.1	6.2	13.1	0.1	0.4	0.2
6/21/2025 11:00 AM	0.1	6.2	13.1	0.0	0.0	0.0
6/21/2025 12:00 PM	0.0	6.5	12.1	0.0	0.0	0.0
6/21/2025 1:00 PM	0.0	6.6	12.0	0.0	-0.1	-0.2
6/21/2025 2:00 PM	0.1	6.7	11.3	0.2	0.2	0.0
6/21/2025 3:00 PM	0.0	6.6	12.7	0.0	-0.2	-0.3
6/21/2025 4:00 PM	0.0	6.8	11.4	0.0	-0.3	-0.3
6/21/2025 5:00 PM	0.0	6.6	12.5	0.0	-0.7	-0.7
6/21/2025 6:00 PM	0.2	6.7	15.0	0.3	2.7	2.3
6/21/2025 7:00 PM	0.3	6.6	14.2	0.0	4.0	4.0
6/21/2025 8:00 PM	0.5	8.0	16.5	-0.1	4.9	5.1
6/21/2025 9:00 PM	1.3	9.3	19.0	0.0	6.4	6.3
6/21/2025 10:00 PM	1.1	12.5	21.8	0.0	4.4	4.5
6/21/2025 11:00 PM	1.8	12.1	20.4	0.2	3.4	3.2

Minimum	0.0	6.2	11.3	-0.1	-0.7	-0.7
MinTime	2:00 AM	10:00 AM	2:00 PM	12:00 AM	5:00 PM	5:00 PM
Maximum	4.1	12.5	22.6	1.1	6.4	6.3
MaxTime	5:00 AM	10:00 PM	5:00 AM	7:00 AM	9:00 PM	9:00 PM
Daily Average	0.5	7.4	16.0	0.1	1.6	1.4
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, June 21, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Saturday, July 5, 2025

Sunday, June 22, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/22/2025 12:00 AM	2.0	11.3	20.1	-0.1	2.2	2.3
6/22/2025 1:00 AM	1.9	11.0	19.9	0.0	1.2	1.2
6/22/2025 2:00 AM	1.7	10.9	20.5	0.0	0.6	0.7
6/22/2025 3:00 AM	1.2	10.4	18.5	0.0	0.0	0.1
6/22/2025 4:00 AM	0.3	9.5	18.1	0.0	0.0	0.0
6/22/2025 5:00 AM	0.0	9.2	17.1	0.1	0.9	0.8
6/22/2025 6:00 AM	0.0	9.0	16.5	0.2	0.2	0.0
6/22/2025 7:00 AM	2.2	8.5	15.0	0.0	-0.6	-0.6
6/22/2025 8:00 AM	0.0	8.3	13.9	0.0	-0.5	-0.5
6/22/2025 9:00 AM	0.0	7.8	13.5	0.0	-0.9	-0.8
6/22/2025 10:00 AM	0.0	8.3	14.9	0.0	-0.5	-0.4
6/22/2025 11:00 AM	0.0	8.3	14.1	0.0	-0.5	-0.5
6/22/2025 12:00 PM	0.0	8.5	14.0	0.0	0.0	-0.1
6/22/2025 1:00 PM	0.0	8.8	15.2	0.0	-0.7	-0.7
6/22/2025 2:00 PM	0.0	8.9	14.8	0.0	-0.7	-0.7
6/22/2025 3:00 PM	0.0	8.9	15.0	0.0	-0.4	-0.4
6/22/2025 4:00 PM	0.0	9.3	16.6	0.0	-0.4	-0.4
6/22/2025 5:00 PM	0.0	9.5	16.9	0.0	0.1	0.1
6/22/2025 6:00 PM	0.0	9.4	17.1	0.0	4.7	4.6
6/22/2025 7:00 PM	0.0	10.6	32.3	0.0	10.0	10.0
6/22/2025 8:00 PM	0.4	10.3	22.5	-0.1	8.7	8.8
6/22/2025 9:00 PM	0.8	10.0	20.2	0.0	6.8	6.8
6/22/2025 10:00 PM	0.1	9.3	16.9	0.0	3.9	4.0
6/22/2025 11:00 PM	0.0	9.2	16.4	0.0	2.2	2.3

Minimum	0.0	7.8	13.5	-0.1	-0.9	-0.8
MinTime	5:00 AM	9:00 AM	9:00 AM	12:00 AM	9:00 AM	9:00 AM
Maximum	2.2	11.3	32.3	0.2	10.0	10.0
MaxTime	7:00 AM	12:00 AM	7:00 PM	6:00 AM	7:00 PM	7:00 PM
Daily Average	0.4	9.3	17.5	0.0	1.5	1.5
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, June 22, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Sunday, July 6, 2025

Monday, June 23, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/23/2025 12:00 AM	0.0	9.4	16.8	0.0	1.4	1.4
6/23/2025 1:00 AM	0.0	9.4	16.0	0.0	1.1	1.1
6/23/2025 2:00 AM	0.0	9.9	16.7	0.0	0.4	0.4
6/23/2025 3:00 AM	0.0	10.2	17.2	#N/A	#N/A	#N/A
6/23/2025 4:00 AM	0.0	10.5	18.3	0.0	2.3	2.2
6/23/2025 5:00 AM	0.0	11.4	30.3	#N/A	#N/A	#N/A
6/23/2025 6:00 AM	0.0	11.4	31.5	1.7	5.1	3.3
6/23/2025 7:00 AM	0.0	10.2	20.5	1.6	3.7	2.1
6/23/2025 8:00 AM	0.0	9.2	17.2	0.6	1.6	0.9
6/23/2025 9:00 AM	0.0	9.0	17.5	0.0	-0.1	-0.2
6/23/2025 10:00 AM	0.0	9.3	17.7	0.0	0.0	-0.1
6/23/2025 11:00 AM	0.0	10.2	25.9	0.0	0.0	0.0
6/23/2025 12:00 PM	0.2	10.4	18.4	0.0	0.1	0.1
6/23/2025 1:00 PM	0.0	10.5	19.5	0.0	0.0	0.0
6/23/2025 2:00 PM	0.2	10.0	17.7	0.0	0.3	0.2
6/23/2025 3:00 PM	0.1	9.9	19.4	0.0	-0.2	-0.2
6/23/2025 4:00 PM	0.0	9.9	19.1	0.0	-0.1	0.0
6/23/2025 5:00 PM	0.0	10.4	20.6	0.1	3.1	3.0
6/23/2025 6:00 PM	0.0	10.8	22.5	0.7	11.6	10.8
6/23/2025 7:00 PM	0.0	11.3	25.9	0.1	11.5	11.4
6/23/2025 8:00 PM	0.0	11.4	22.8	0.0	13.8	13.8
6/23/2025 9:00 PM	0.3	11.9	23.0	0.0	7.8	7.9
6/23/2025 10:00 PM	0.0	12.1	19.9	0.0	4.3	4.4
6/23/2025 11:00 PM	1.3	12.3	20.9	-0.1	2.8	2.9

Minimum	0.0	9.0	16.0	-0.1	-0.2	-0.2
MinTime	12:00 AM	9:00 AM	1:00 AM	11:00 PM	3:00 PM	9:00 AM
Maximum	1.3	12.3	31.5	1.7	13.8	13.8
MaxTime	11:00 PM	11:00 PM	6:00 AM	6:00 AM	8:00 PM	8:00 PM
Daily Average	0.0	10.4	20.6	0.2	3.2	2.9
Number	24	24	24	22	22	22
Data Hourly (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, June 23, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.
2	12:01:00 AM	There were two calibration sequences
3	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
4	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
42	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,

43	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
44	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
57	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
58	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
59	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
68	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
69	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
83	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
89	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

90	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
113	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
114	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
122	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Monday, July 7, 2025

Tuesday, June 24, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/24/2025 12:00 AM	0.0	12.5	20.8	0.0	2.2	2.2
6/24/2025 1:00 AM	0.0	12.1	20.4	0.0	1.9	2.0
6/24/2025 2:00 AM	0.0	12.9	21.7	0.0	0.9	1.0
6/24/2025 3:00 AM	0.0	12.9	20.3	0.0	0.8	0.8
6/24/2025 4:00 AM	0.0	12.4	20.1	0.0	1.3	1.3
6/24/2025 5:00 AM	0.0	14.0	35.6	2.0	7.2	5.2
6/24/2025 6:00 AM	0.0	13.2	31.2	1.9	6.1	4.1
6/24/2025 7:00 AM	0.0	11.4	20.3	1.0	2.8	1.8
6/24/2025 8:00 AM	0.0	11.2	19.5	0.6	2.0	1.3
6/24/2025 9:00 AM	0.0	11.0	19.8	0.0	0.6	0.5
6/24/2025 10:00 AM	0.0	11.0	19.4	0.0	0.0	0.0
6/24/2025 11:00 AM	0.0	10.7	18.4	0.0	-0.5	-0.4
6/24/2025 12:00 PM	0.0	10.0	17.9	0.0	-0.4	-0.4
6/24/2025 1:00 PM	0.0	10.2	18.5	0.0	-0.4	-0.5
6/24/2025 2:00 PM	0.0	10.4	19.0	0.0	-0.8	-0.8
6/24/2025 3:00 PM	0.0	10.1	19.4	0.0	0.7	0.6
6/24/2025 4:00 PM	0.0	10.5	21.3	0.2	2.1	1.8
6/24/2025 5:00 PM	0.0	9.9	20.4	0.2	1.4	1.2
6/24/2025 6:00 PM	0.0	9.7	21.7	0.0	0.4	0.5
6/24/2025 7:00 PM	0.0	8.6	19.9	0.0	2.7	2.7
6/24/2025 8:00 PM	0.0	8.8	20.0	0.0	4.0	4.0
6/24/2025 9:00 PM	0.0	9.2	19.1	-0.1	1.7	1.8
6/24/2025 10:00 PM	0.0	9.3	17.7	-0.1	3.3	3.4
6/24/2025 11:00 PM	0.0	9.7	16.8	0.0	2.4	2.4

Minimum	0.0	8.6	16.8	-0.1	-0.8	-0.8
MinTime	12:00 AM	7:00 PM	11:00 PM	9:00 PM	2:00 PM	2:00 PM
Maximum	0.0	14.0	35.6	2.0	7.2	5.2
MaxTime	12:00 AM	5:00 AM	5:00 AM	5:00 AM	5:00 AM	5:00 AM
Daily Average	0.0	10.9	20.8	0.2	1.7	1.5
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, June 24, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, July 8, 2025

Wednesday, June 25, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/25/2025 12:00 AM	0.0	10.2	18.5	-0.1	2.6	2.7
6/25/2025 1:00 AM	0.0	10.1	17.6	0.0	2.5	2.6
6/25/2025 2:00 AM	0.0	11.0	18.2	0.0	1.8	1.9
6/25/2025 3:00 AM	0.0	10.8	19.0	0.0	1.6	1.7
6/25/2025 4:00 AM	0.0	11.0	20.0	0.0	2.5	2.5
6/25/2025 5:00 AM	0.0	12.4	32.9	1.2	4.9	3.6
6/25/2025 6:00 AM	0.0	12.0	27.4	2.2	5.3	3.1
6/25/2025 7:00 AM	0.0	11.0	20.1	0.8	1.6	0.7
6/25/2025 8:00 AM	0.0	10.4	17.5	0.0	-0.1	-0.2
6/25/2025 9:00 AM	0.0	9.6	15.8	0.0	-0.6	-0.6
6/25/2025 10:00 AM	0.0	10.3	18.1	0.0	-0.5	-0.5
6/25/2025 11:00 AM	0.0	10.9	19.5	0.0	-0.3	-0.4
6/25/2025 12:00 PM	0.0	11.3	19.5	0.0	-0.8	-0.8
6/25/2025 1:00 PM	0.0	11.6	20.7	0.0	-0.8	-0.7
6/25/2025 2:00 PM	0.0	11.7	19.9	0.0	-0.3	-0.3
6/25/2025 3:00 PM	0.0	11.8	20.4	0.0	-0.4	-0.4
6/25/2025 4:00 PM	0.0	11.4	20.3	0.3	3.0	2.6
6/25/2025 5:00 PM	0.0	12.4	25.2	0.1	2.1	1.9
6/25/2025 6:00 PM	0.0	13.2	26.0	0.0	3.4	3.3
6/25/2025 7:00 PM	0.6	13.2	27.5	0.0	6.3	6.3
6/25/2025 8:00 PM	0.0	13.0	23.3	0.0	5.1	5.1
6/25/2025 9:00 PM	0.0	13.8	24.2	0.0	6.5	6.5
6/25/2025 10:00 PM	0.0	14.2	23.8	0.0	5.0	5.0
6/25/2025 11:00 PM	0.0	14.1	23.4	0.0	4.3	4.4

Minimum	0.0	9.6	15.8	-0.1	-0.8	-0.8
MinTime	12:00 AM	9:00 AM	9:00 AM	12:00 AM	12:00 PM	12:00 PM
Maximum	0.6	14.2	32.9	2.2	6.5	6.5
MaxTime	7:00 PM	10:00 PM	5:00 AM	6:00 AM	9:00 PM	9:00 PM
Daily Average	0.0	11.7	21.6	0.1	2.2	2.0
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, June 25, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, July 8, 2025

Thursday, June 26, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/26/2025 12:00 AM	0.0	13.9	22.4	0.0	3.3	3.3
6/26/2025 1:00 AM	0.0	14.4	23.1	0.0	3.4	3.3
6/26/2025 2:00 AM	7.2	15.1	23.2	0.0	3.3	3.2
6/26/2025 3:00 AM	0.0	14.9	22.9	0.1	2.8	2.7
6/26/2025 4:00 AM	0.0	14.7	23.5	0.2	4.3	4.1
6/26/2025 5:00 AM	0.0	15.4	31.0	2.3	7.7	5.4
6/26/2025 6:00 AM	0.0	15.8	35.1	3.2	7.3	4.0
6/26/2025 7:00 AM	0.0	13.6	24.0	1.1	2.8	1.7
6/26/2025 8:00 AM	0.0	12.7	21.5	0.3	1.1	0.7
6/26/2025 9:00 AM	0.0	12.7	20.8	0.1	1.3	1.1
6/26/2025 10:00 AM	0.0	13.9	22.9	0.0	0.6	0.5
6/26/2025 11:00 AM	0.0	10.6	18.4	0.1	0.9	0.7
6/26/2025 12:00 PM	0.0	8.7	20.4	0.1	2.3	2.2
6/26/2025 1:00 PM	0.0	7.7	16.1	0.6	2.7	2.1
6/26/2025 2:00 PM	0.0	7.4	14.5	0.5	3.3	2.7
6/26/2025 3:00 PM	0.0	9.0	29.7	0.8	4.2	3.4
6/26/2025 4:00 PM	0.0	8.2	14.8	0.7	3.1	2.4
6/26/2025 5:00 PM	0.0	8.6	14.3	0.0	0.9	0.9
6/26/2025 6:00 PM	0.0	7.9	14.7	0.5	5.6	5.0
6/26/2025 7:00 PM	0.0	8.2	15.8	1.8	15.2	13.3
6/26/2025 8:00 PM	0.0	8.8	17.6	0.8	12.3	11.5
6/26/2025 9:00 PM	0.0	9.9	18.4	2.3	12.9	10.5
6/26/2025 10:00 PM	0.0	10.7	20.9	1.1	7.9	6.7
6/26/2025 11:00 PM	0.0	11.0	20.5	0.1	3.5	3.3

Minimum	0.0	7.4	14.3	0.0	0.6	0.5
MinTime	12:00 AM	2:00 PM	5:00 PM	12:00 AM	10:00 AM	10:00 AM
Maximum	7.2	15.8	35.1	3.2	15.2	13.3
MaxTime	2:00 AM	6:00 AM	6:00 AM	6:00 AM	7:00 PM	7:00 PM
Daily Average	0.3	11.4	21.1	0.6	4.6	3.9
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, June 26, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, July 8, 2025

Friday, June 27, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/27/2025 12:00 AM	0.0	10.6	19.0	0.0	2.4	2.4
6/27/2025 1:00 AM	0.0	10.3	19.2	0.1	1.9	1.7
6/27/2025 2:00 AM	0.0	10.8	20.3	0.1	1.6	1.5
6/27/2025 3:00 AM	0.0	10.7	18.9	0.2	2.0	1.8
6/27/2025 4:00 AM	0.1	11.3	22.5	0.5	2.6	2.1
6/27/2025 5:00 AM	0.0	14.0	48.8	2.6	7.9	5.2
6/27/2025 6:00 AM	0.0	11.9	28.7	2.7	6.8	4.0
6/27/2025 7:00 AM	0.0	10.8	19.0	1.3	2.7	1.4
6/27/2025 8:00 AM	0.0	10.7	20.7	1.1	3.0	1.9
6/27/2025 9:00 AM	0.0	10.0	16.9	0.1	0.1	0.0
6/27/2025 10:00 AM	0.0	10.3	16.2	0.0	-0.3	-0.3
6/27/2025 11:00 AM	0.0	11.1	16.6	0.0	-0.6	-0.5
6/27/2025 12:00 PM	0.0	11.1	16.9	0.0	-0.2	-0.2
6/27/2025 1:00 PM	0.0	11.0	16.6	0.0	0.4	0.4
6/27/2025 2:00 PM	0.0	12.0	20.6	0.2	2.9	2.6
6/27/2025 3:00 PM	0.0	12.5	22.0	0.2	1.4	1.1
6/27/2025 4:00 PM	0.0	10.3	18.7	0.3	1.5	1.2
6/27/2025 5:00 PM	0.0	9.5	16.0	0.1	1.0	0.9
6/27/2025 6:00 PM	0.0	8.7	16.7	0.2	2.2	1.9
6/27/2025 7:00 PM	0.0	8.8	14.7	0.0	0.9	0.9
6/27/2025 8:00 PM	0.0	7.5	12.7	0.0	0.0	0.0
6/27/2025 9:00 PM	0.0	9.1	14.9	0.0	-0.6	-0.5
6/27/2025 10:00 PM	0.0	9.1	15.2	-0.1	0.0	0.2
6/27/2025 11:00 PM	0.0	9.1	15.3	-0.1	-0.3	-0.2

Minimum	0.0	7.5	12.7	-0.1	-0.6	-0.5
MinTime	12:00 AM	8:00 PM	8:00 PM	10:00 PM	11:00 AM	11:00 AM
Maximum	0.1	14.0	48.8	2.7	7.9	5.2
MaxTime	4:00 AM	5:00 AM	5:00 AM	6:00 AM	5:00 AM	5:00 AM
Daily Average	0.0	10.4	19.4	0.3	1.6	1.2
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, June 27, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, July 9, 2025

Saturday, June 28, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/28/2025 12:00 AM	0.0	9.1	16.5	0.0	0.1	0.2
6/28/2025 1:00 AM	0.0	9.3	16.1	0.0	0.6	0.7
6/28/2025 2:00 AM	0.0	8.7	14.6	-0.1	0.7	0.8
6/28/2025 3:00 AM	0.0	8.1	14.5	0.0	1.1	1.1
6/28/2025 4:00 AM	0.0	7.9	15.6	0.0	0.5	0.5
6/28/2025 5:00 AM	0.3	8.1	16.4	0.3	3.1	2.8
6/28/2025 6:00 AM	0.5	8.3	14.9	0.6	2.5	1.8
6/28/2025 7:00 AM	0.0	7.7	12.6	0.0	-0.1	-0.1
6/28/2025 8:00 AM	0.0	7.2	11.8	0.0	-0.6	-0.6
6/28/2025 9:00 AM	0.0	7.7	11.8	0.0	-0.5	-0.5
6/28/2025 10:00 AM	0.0	7.8	11.7	0.1	0.0	-0.1
6/28/2025 11:00 AM	0.0	8.1	11.8	0.0	-0.5	-0.5
6/28/2025 12:00 PM	0.0	7.9	11.7	0.0	-0.4	-0.5
6/28/2025 1:00 PM	0.4	7.6	12.6	0.0	-0.4	-0.5
6/28/2025 2:00 PM	1.3	8.5	20.6	0.3	0.4	0.0
6/28/2025 3:00 PM	0.0	6.8	11.8	0.0	-0.7	-0.6
6/28/2025 4:00 PM	0.0	7.5	12.9	0.0	-0.3	-0.3
6/28/2025 5:00 PM	0.0	7.6	14.8	0.0	0.2	0.2
6/28/2025 6:00 PM	0.0	7.8	16.6	0.0	0.3	0.3
6/28/2025 7:00 PM	0.0	8.1	15.0	0.0	2.1	2.1
6/28/2025 8:00 PM	0.0	9.0	18.4	0.0	3.3	3.3
6/28/2025 9:00 PM	0.0	9.4	16.4	0.0	3.2	3.3
6/28/2025 10:00 PM	0.0	9.7	16.0	0.0	1.9	1.9
6/28/2025 11:00 PM	0.0	9.2	15.1	0.0	0.9	0.9

Minimum	0.0	6.8	11.7	-0.1	-0.7	-0.6
MinTime	12:00 AM	3:00 PM	10:00 AM	2:00 AM	3:00 PM	8:00 AM
Maximum	1.3	9.7	20.6	0.6	3.3	3.3
MaxTime	2:00 PM	10:00 PM	2:00 PM	6:00 AM	8:00 PM	8:00 PM
Daily Average	0.1	8.2	14.5	0.0	0.7	0.6
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, June 28, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.
2	12:01:00 AM	There was mowing near the trailer detected by the security camer at 1:57pm. Spikes of VOCs were detected, the highest, 20.1 occuring at 2:01 pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, July 9, 2025

Sunday, June 29, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/29/2025 12:00 AM	0.0	8.9	15.6	0.0	0.1	0.1
6/29/2025 1:00 AM	0.0	9.0	14.9	0.0	-0.4	-0.3
6/29/2025 2:00 AM	0.0	8.9	14.3	0.0	0.0	0.0
6/29/2025 3:00 AM	0.0	8.5	14.6	0.0	-0.1	-0.1
6/29/2025 4:00 AM	0.0	8.0	14.3	0.0	-0.4	-0.3
6/29/2025 5:00 AM	0.0	7.9	15.0	0.1	0.5	0.3
6/29/2025 6:00 AM	0.0	8.5	14.1	0.1	-0.2	-0.3
6/29/2025 7:00 AM	0.0	7.8	12.5	0.1	-0.4	-0.6
6/29/2025 8:00 AM	0.0	6.5	11.7	0.0	-0.8	-0.8
6/29/2025 9:00 AM	0.0	6.2	10.1	0.0	-0.9	-0.9
6/29/2025 10:00 AM	0.0	6.5	10.5	0.0	-0.7	-0.7
6/29/2025 11:00 AM	0.0	6.8	10.8	0.0	-0.6	-0.6
6/29/2025 12:00 PM	0.0	7.0	10.8	0.0	-0.3	-0.3
6/29/2025 1:00 PM	0.0	7.3	11.1	0.0	-0.3	-0.4
6/29/2025 2:00 PM	0.0	6.7	11.7	0.0	-0.6	-0.6
6/29/2025 3:00 PM	0.0	6.6	11.3	0.0	-0.5	-0.5
6/29/2025 4:00 PM	0.0	6.5	11.2	0.0	-0.3	-0.3
6/29/2025 5:00 PM	0.0	5.9	10.9	0.0	0.0	0.0
6/29/2025 6:00 PM	0.0	6.0	12.0	0.0	1.0	1.0
6/29/2025 7:00 PM	0.0	5.9	11.1	0.0	2.4	2.4
6/29/2025 8:00 PM	0.0	6.6	15.2	0.0	3.7	3.8
6/29/2025 9:00 PM	0.0	6.6	12.6	-0.1	2.7	2.8
6/29/2025 10:00 PM	0.0	7.0	12.5	0.0	1.1	1.1
6/29/2025 11:00 PM	0.0	7.3	13.1	0.0	1.3	1.3

Minimum	0.0	5.9	10.1	-0.1	-0.9	-0.9
MinTime	12:00 AM	5:00 PM	9:00 AM	9:00 PM	9:00 AM	9:00 AM
Maximum	0.0	9.0	15.6	0.1	3.7	3.8
MaxTime	12:00 AM	1:00 AM	12:00 AM	5:00 AM	8:00 PM	8:00 PM
Daily Average	0.0	7.2	12.5	0.0	0.2	0.2
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, June 29, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There is a problem with the PM pump which resulted in a flow slope issue. We are working to resolve this.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, July 9, 2025

Monday, June 30, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
6/30/2025 12:00 AM	0.0	7.2	12.9	0.0	1.3	1.2
6/30/2025 1:00 AM	0.0	7.0	13.0	0.0	0.6	0.6
6/30/2025 2:00 AM	0.0	6.7	13.5	0.0	0.9	0.9
6/30/2025 3:00 AM	0.0	6.7	13.4	#N/A	#N/A	#N/A
6/30/2025 4:00 AM	0.0	6.9	14.8	1.2	4.2	3.0
6/30/2025 5:00 AM	0.0	7.4	20.6	#N/A	#N/A	#N/A
6/30/2025 6:00 AM	0.0	7.4	13.5	1.3	3.4	2.1
6/30/2025 7:00 AM	0.0	7.0	13.8	0.8	1.8	0.9
6/30/2025 8:00 AM	0.0	6.4	10.7	0.0	-0.3	-0.4
6/30/2025 9:00 AM	0.0	6.3	11.2	0.0	-0.3	-0.4
6/30/2025 10:00 AM	0.0	6.1	10.4	0.0	-0.5	-0.5
6/30/2025 11:00 AM	0.0	6.3	11.5	0.0	-0.6	-0.7
6/30/2025 12:00 PM	0.0	#N/A	#N/A	0.0	-0.2	-0.3
6/30/2025 1:00 PM	1.1	#N/A	#N/A	0.0	-0.4	-0.5
6/30/2025 2:00 PM	3.1	5.4	11.1	0.0	-0.5	-0.5
6/30/2025 3:00 PM	0.0	4.8	13.0	0.0	0.0	0.0
6/30/2025 4:00 PM	0.0	4.3	11.2	0.3	1.6	1.2
6/30/2025 5:00 PM	0.0	4.1	9.5	0.5	2.3	1.7
6/30/2025 6:00 PM	0.0	6.0	12.4	0.2	1.8	1.5
6/30/2025 7:00 PM	0.0	5.5	11.5	0.1	2.2	2.1
6/30/2025 8:00 PM	0.0	6.2	13.3	0.1	2.7	2.6
6/30/2025 9:00 PM	0.0	5.9	12.5	0.2	3.2	3.0
6/30/2025 10:00 PM	0.0	6.2	13.6	0.0	1.3	1.2
6/30/2025 11:00 PM	0.0	7.3	16.0	0.0	0.7	0.6

Minimum	0.0	4.1	9.5	0.0	-0.6	-0.7
MinTime	12:00 AM	5:00 PM	5:00 PM	12:00 AM	11:00 AM	11:00 AM
Maximum	3.1	7.4	20.6	1.3	4.2	3.0
MaxTime	2:00 PM	5:00 AM	5:00 AM	6:00 AM	4:00 AM	4:00 AM
Daily Average	0.1	6.2	12.8	0.2	1.1	0.8
Number	24	22	22	22	22	22
Data Hourly (%)	100.00%	91.67%	91.67%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	91.53%	91.53%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, June 30, 2025

No.	Time	Comments
1	12:00:00 AM	NOTE: There has been a problem with the PM pump which resulted in a flow slope issue. Mark Barker visited Site 2 for regular maintenance and replaced the PM pump which resolved the issue.
2	12:01:00 AM	There were two sequences of calibration.
3	12:02:00 AM	Due to maintenance, VOC data was invalid from 1:57 PM to 2:03PM
4	12:03:00 AM	PM data was invalid from 2:14 PM to 2:17 PM due to maintenance.
5	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

42	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
43	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
44	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
45	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
57	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
58	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
59	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
60	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
68	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
69	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
70	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
83	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
84	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
85	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

89	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
90	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
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111	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
113	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
114	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
115	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
122	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
123	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
124	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
125	11:50:00 AM	PM2.5: ND <Samp, PM10: ND <Samp,
126	11:51:00 AM	PM2.5: ND ---, PM10: ND ---,
127	11:52:00 AM	PM2.5: ND ---, PM10: ND ---,
128	11:53:00 AM	PM2.5: ND ---, PM10: ND ---,
129	11:54:00 AM	PM2.5: ND ---, PM10: ND ---,
130	11:55:00 AM	PM2.5: ND ---, PM10: ND ---,
131	11:56:00 AM	PM2.5: ND ---, PM10: ND ---,
132	11:57:00 AM	PM2.5: ND ---, PM10: ND ---,
133	11:58:00 AM	PM2.5: ND ---, PM10: ND ---,
134	11:59:00 AM	PM2.5: ND ---, PM10: ND ---,
135	12:00:00 PM	PM2.5: ND ---, PM10: ND ---,

136	12:01:00 PM	PM2.5: ND ---, PM10: ND Maintain,
137	12:02:00 PM	PM2.5: ND ---, PM10: ND ---,
138	12:03:00 PM	PM2.5: ND ---, PM10: ND ---,
139	12:04:00 PM	PM2.5: ND ---, PM10: ND ---,
140	12:05:00 PM	PM2.5: ND ---, PM10: ND ---,
141	12:06:00 PM	PM2.5: ND ---, PM10: ND ---,
142	12:07:00 PM	PM2.5: ND ---, PM10: ND ---,
143	12:08:00 PM	PM2.5: ND ---, PM10: ND ---,
144	12:09:00 PM	PM2.5: ND ---, PM10: ND ---,
145	12:10:00 PM	PM2.5: ND ---, PM10: ND ---,
146	12:11:00 PM	PM2.5: ND ---, PM10: ND ---,
147	12:12:00 PM	PM2.5: ND ---, PM10: ND ---,
148	12:13:00 PM	PM2.5: ND ---, PM10: ND ---,
149	12:14:00 PM	PM2.5: ND ---, PM10: ND ---,
150	12:15:00 PM	PM2.5: ND ---, PM10: ND ---,
151	12:16:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
152	12:17:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
153	12:18:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
154	12:19:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
155	12:20:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
156	12:21:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
157	12:22:00 PM	PM2.5: ND ---, PM10: ND ---,
158	12:23:00 PM	PM2.5: ND ---, PM10: ND ---,
159	12:24:00 PM	PM2.5: ND ---, PM10: ND ---,
160	12:25:00 PM	PM2.5: ND ---, PM10: ND ---,
161	12:26:00 PM	PM2.5: ND ---, PM10: ND ---,
162	12:27:00 PM	PM2.5: ND ---, PM10: ND ---,
163	12:28:00 PM	PM2.5: ND ---, PM10: ND ---,
164	12:29:00 PM	PM2.5: ND ---, PM10: ND ---,
165	12:30:00 PM	PM2.5: ND ---, PM10: ND ---,
166	12:31:00 PM	PM2.5: ND ---, PM10: ND ---,
167	12:32:00 PM	PM2.5: ND ---, PM10: ND ---,
168	12:33:00 PM	PM2.5: ND ---, PM10: ND ---,
169	12:34:00 PM	PM2.5: ND ---, PM10: ND ---,
170	12:35:00 PM	PM2.5: ND ---, PM10: ND ---,
171	12:36:00 PM	PM2.5: ND ---, PM10: ND ---,
172	12:37:00 PM	PM2.5: ND ---, PM10: ND ---,
173	12:38:00 PM	PM2.5: ND ---, PM10: ND ---,
174	12:39:00 PM	PM2.5: ND ---, PM10: ND ---,
175	12:40:00 PM	PM2.5: ND ---, PM10: ND ---,
176	12:41:00 PM	PM2.5: ND ---, PM10: ND ---,
177	12:42:00 PM	PM2.5: ND ---, PM10: ND ---,
178	12:43:00 PM	PM2.5: ND ---, PM10: ND ---,
179	12:44:00 PM	PM2.5: ND ---, PM10: ND ---,
180	12:45:00 PM	PM2.5: ND ---, PM10: ND ---,
181	12:46:00 PM	PM2.5: ND ---, PM10: ND ---,
182	12:47:00 PM	PM2.5: ND ---, PM10: ND ---,

183	12:48:00 PM	PM2.5: ND ---, PM10: ND ---,
184	12:49:00 PM	PM2.5: ND ---, PM10: ND ---,
185	12:50:00 PM	PM2.5: ND ---, PM10: ND ---,
186	12:51:00 PM	PM2.5: ND ---, PM10: ND ---,
187	12:52:00 PM	PM2.5: ND ---, PM10: ND ---,
188	12:53:00 PM	PM2.5: ND ---, PM10: ND ---,
189	12:54:00 PM	PM2.5: ND ---, PM10: ND ---,
190	12:55:00 PM	PM2.5: ND ---, PM10: ND ---,
191	12:56:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
192	12:57:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
193	12:58:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
194	12:59:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
195	1:00:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
196	1:01:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
197	1:02:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
198	1:03:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
199	1:04:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
200	1:05:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
201	1:06:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
202	1:07:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
203	1:08:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
204	1:09:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
205	1:10:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
206	1:11:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
207	1:12:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
208	1:13:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
209	1:14:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
210	1:15:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
211	1:16:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
212	1:17:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
213	1:18:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
214	1:19:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
215	1:20:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
216	1:21:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
217	1:22:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
218	1:23:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
219	1:24:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
220	1:25:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
221	1:26:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
222	1:27:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
223	1:28:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
224	1:29:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
225	1:30:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
226	1:31:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
227	1:32:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
228	1:33:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
229	1:34:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,

230	1:35:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
231	1:36:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
232	1:37:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
233	1:38:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
234	1:39:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
235	1:40:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
236	1:41:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
237	1:42:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
238	1:43:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
239	1:44:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
240	1:45:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
241	1:46:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
242	1:47:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
243	1:48:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
244	1:49:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
245	1:50:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
246	1:51:00 PM	PM2.5: ND <Samp, PM10: ND <Samp,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Monday, July 14, 2025

Tuesday, July 1, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/1/2025 12:00 AM	0.0	7.2	18.6	0.0	1.1	1.0
7/1/2025 1:00 AM	0.0	7.1	17.4	0.0	0.6	0.5
7/1/2025 2:00 AM	0.0	7.0	17.2	0.1	0.9	0.8
7/1/2025 3:00 AM	0.0	6.5	16.3	0.0	0.0	0.0
7/1/2025 4:00 AM	0.0	5.8	16.2	0.1	1.9	1.7
7/1/2025 5:00 AM	0.0	6.0	15.1	0.3	3.5	3.1
7/1/2025 6:00 AM	0.0	5.8	13.4	1.3	3.6	2.3
7/1/2025 7:00 AM	0.0	5.0	11.1	1.5	2.5	0.9
7/1/2025 8:00 AM	0.0	4.9	10.4	0.9	1.2	0.3
7/1/2025 9:00 AM	0.0	5.0	10.1	0.3	0.1	-0.1
7/1/2025 10:00 AM	0.0	4.9	9.7	0.2	-0.2	-0.4
7/1/2025 11:00 AM	0.0	4.6	9.2	0.0	-0.8	-0.8
7/1/2025 12:00 PM	0.0	4.4	9.2	0.0	-0.8	-0.8
7/1/2025 1:00 PM	0.0	4.2	8.5	0.0	-0.7	-0.8
7/1/2025 2:00 PM	0.0	3.8	7.5	0.0	-0.6	-0.7
7/1/2025 3:00 PM	0.0	3.8	7.5	0.0	-0.9	-0.9
7/1/2025 4:00 PM	0.0	4.0	8.6	0.0	-0.9	-1.0
7/1/2025 5:00 PM	0.0	3.7	9.7	0.0	-0.5	-0.5
7/1/2025 6:00 PM	0.0	2.0	6.9	0.0	-0.2	-0.1
7/1/2025 7:00 PM	0.0	2.0	5.6	0.0	0.5	0.5
7/1/2025 8:00 PM	0.0	2.5	6.7	0.0	1.8	1.8
7/1/2025 9:00 PM	0.0	3.0	7.9	0.0	0.7	0.7
7/1/2025 10:00 PM	0.0	3.2	9.4	0.0	1.2	1.3
7/1/2025 11:00 PM	0.0	3.8	11.0	0.0	0.6	0.6

Minimum	0.0	2.0	5.6	0.0	-0.9	-1.0
MinTime	12:00 AM	6:00 PM	7:00 PM	12:00 AM	3:00 PM	4:00 PM
Maximum	0.0	7.2	18.6	1.5	3.6	3.1
MaxTime	12:00 AM	12:00 AM	12:00 AM	7:00 AM	6:00 AM	5:00 AM
Daily Average	0.0	4.5	10.9	0.1	0.6	0.3
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, July 01, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, July 15, 2025

Wednesday, July 2, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/2/2025 12:00 AM	0.0	3.5	11.3	0.0	-0.4	-0.4
7/2/2025 1:00 AM	0.0	3.5	10.4	0.0	-0.4	-0.3
7/2/2025 2:00 AM	0.0	3.7	8.8	-0.1	0.6	0.7
7/2/2025 3:00 AM	0.0	4.3	10.5	0.0	0.3	0.3
7/2/2025 4:00 AM	0.0	4.1	12.4	0.0	0.8	0.8
7/2/2025 5:00 AM	0.0	4.1	12.6	0.0	2.2	2.2
7/2/2025 6:00 AM	0.0	3.8	10.9	0.4	2.3	1.8
7/2/2025 7:00 AM	0.0	3.8	9.2	0.5	2.0	1.4
7/2/2025 8:00 AM	0.0	4.1	8.9	0.3	0.3	0.0
7/2/2025 9:00 AM	0.0	3.5	8.8	0.0	-0.6	-0.7
7/2/2025 10:00 AM	0.0	3.6	8.1	0.0	-0.9	-0.9
7/2/2025 11:00 AM	0.0	4.2	7.9	0.0	-0.4	-0.5
7/2/2025 12:00 PM	0.0	4.3	8.1	0.0	-0.3	-0.3
7/2/2025 1:00 PM	0.0	4.0	7.9	0.0	-0.2	-0.3
7/2/2025 2:00 PM	0.0	5.1	15.5	0.6	2.7	2.1
7/2/2025 3:00 PM	0.0	4.5	10.5	0.3	1.8	1.4
7/2/2025 4:00 PM	0.0	5.2	10.7	0.1	2.0	1.9
7/2/2025 5:00 PM	0.0	5.1	10.6	0.0	0.5	0.5
7/2/2025 6:00 PM	0.0	5.4	17.1	0.2	3.3	3.1
7/2/2025 7:00 PM	0.0	7.0	18.0	0.9	6.0	5.1
7/2/2025 8:00 PM	0.0	5.3	12.9	0.0	3.2	3.1
7/2/2025 9:00 PM	0.0	5.6	12.4	0.0	1.0	1.0
7/2/2025 10:00 PM	0.0	6.1	13.8	0.0	1.4	1.5
7/2/2025 11:00 PM	0.0	5.8	14.3	-0.1	0.5	0.7

Minimum	0.0	3.5	7.9	-0.1	-0.9	-0.9
MinTime	12:00 AM	12:00 AM	11:00 AM	2:00 AM	10:00 AM	10:00 AM
Maximum	0.0	7.0	18.0	0.9	6.0	5.1
MaxTime	12:00 AM	7:00 PM	7:00 PM	7:00 PM	7:00 PM	7:00 PM
Daily Average	0.0	4.5	11.3	0.1	1.1	1.0
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, July 02, 2025

No.	Time	Comments
1	12:00:00 AM	The security camera detected mowing at 7:45 pm. There were spikes f PM2.5 -highest 14.6 7:49PM, and PM10-highest at 2:18 PM. Note, the security camera only detects when the mower is in its range.
2	12:01:00 AM	Site host reported that hay was mowed. No time given.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, July 16, 2025

Thursday, July 3, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/3/2025 12:00 AM	0.0	6.2	16.2	0.0	0.9	0.9
7/3/2025 1:00 AM	0.0	6.2	16.4	0.0	0.2	0.2
7/3/2025 2:00 AM	0.0	6.2	16.0	0.0	0.0	0.0
7/3/2025 3:00 AM	0.0	6.6	16.2	0.0	0.1	0.0
7/3/2025 4:00 AM	0.0	6.4	15.9	0.1	0.8	0.7
7/3/2025 5:00 AM	0.0	6.1	14.5	0.3	0.6	0.3
7/3/2025 6:00 AM	0.0	6.0	13.5	1.7	3.9	2.2
7/3/2025 7:00 AM	0.0	6.2	13.9	1.4	2.6	1.1
7/3/2025 8:00 AM	0.0	6.1	12.2	0.4	0.8	0.3
7/3/2025 9:00 AM	0.4	5.9	13.1	0.2	0.5	0.3
7/3/2025 10:00 AM	0.0	6.8	13.0	0.0	0.8	0.8
7/3/2025 11:00 AM	0.0	7.1	13.2	0.0	0.9	0.9
7/3/2025 12:00 PM	0.0	7.5	12.3	0.0	0.5	0.5
7/3/2025 1:00 PM	0.0	8.1	13.5	0.0	1.0	1.0
7/3/2025 2:00 PM	0.0	7.4	12.3	0.0	0.7	0.6
7/3/2025 3:00 PM	0.0	6.8	12.6	0.1	0.5	0.3
7/3/2025 4:00 PM	0.0	6.5	15.5	0.0	0.5	0.4
7/3/2025 5:00 PM	0.0	6.6	16.7	0.0	0.7	0.6
7/3/2025 6:00 PM	0.0	6.6	14.5	0.1	4.1	3.9
7/3/2025 7:00 PM	0.5	6.6	13.0	0.1	7.0	6.8
7/3/2025 8:00 PM	0.0	6.4	12.7	0.0	8.8	8.8
7/3/2025 9:00 PM	0.0	7.2	13.8	0.0	4.5	4.6
7/3/2025 10:00 PM	0.0	7.4	13.5	0.0	1.9	1.9
7/3/2025 11:00 PM	0.0	7.1	12.3	-0.1	0.3	0.4

Minimum	0.0	5.9	12.2	-0.1	0.0	0.0
MinTime	12:00 AM	9:00 AM	8:00 AM	11:00 PM	2:00 AM	2:00 AM
Maximum	0.5	8.1	16.7	1.7	8.8	8.8
MaxTime	7:00 PM	1:00 PM	5:00 PM	6:00 AM	8:00 PM	8:00 PM
Daily Average	0.0	6.6	14.0	0.1	1.7	1.5
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, July 03, 2025

No.	Time	Comments
1	11:47:00 PM	Although the security camera detected equipment around the trailer at 9:33AM, a VOC spike occurred at 7pm. In addition, PM25 spiked at 5:26PM-highest 10 , and so did PM10-highest 54.2.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, July 16, 2025

Friday, July 4, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/4/2025 12:00 AM	0.0	6.9	11.6	0.0	-0.3	-0.2
7/4/2025 1:00 AM	0.0	6.8	12.1	-0.1	-0.7	-0.6
7/4/2025 2:00 AM	0.0	6.9	12.6	-0.1	-0.9	-0.8
7/4/2025 3:00 AM	0.0	6.8	12.0	0.0	-0.1	0.0
7/4/2025 4:00 AM	0.0	6.9	12.7	0.0	-0.6	-0.5
7/4/2025 5:00 AM	0.0	6.9	13.4	-0.1	-0.2	-0.1
7/4/2025 6:00 AM	0.0	7.1	12.1	0.1	0.0	-0.1
7/4/2025 7:00 AM	0.0	7.5	12.2	0.1	-0.3	-0.5
7/4/2025 8:00 AM	0.0	7.9	13.0	0.0	-0.3	-0.4
7/4/2025 9:00 AM	0.0	8.1	13.2	0.0	-0.5	-0.6
7/4/2025 10:00 AM	0.0	8.2	13.8	0.0	-0.6	-0.6
7/4/2025 11:00 AM	0.0	8.1	12.7	0.0	-0.9	-0.8
7/4/2025 12:00 PM	0.0	7.9	13.0	0.0	-0.9	-0.9
7/4/2025 1:00 PM	0.0	7.7	12.3	0.0	-1.1	-1.0
7/4/2025 2:00 PM	0.0	7.1	11.9	-0.1	-1.1	-1.0
7/4/2025 3:00 PM	0.0	6.9	12.8	0.0	-0.3	-0.3
7/4/2025 4:00 PM	0.0	7.3	14.0	0.0	-0.5	-0.6
7/4/2025 5:00 PM	0.0	6.9	12.0	0.0	-0.2	-0.3
7/4/2025 6:00 PM	0.0	7.4	12.7	0.0	1.9	1.9
7/4/2025 7:00 PM	0.0	9.5	16.2	0.0	3.7	3.7
7/4/2025 8:00 PM	0.0	12.4	21.3	0.0	3.2	3.3
7/4/2025 9:00 PM	0.0	24.1	34.6	0.0	3.2	3.1
7/4/2025 10:00 PM	0.0	21.4	30.3	0.0	3.6	3.6
7/4/2025 11:00 PM	0.0	19.3	26.8	0.0	2.5	2.5

Minimum	0.0	6.8	11.6	-0.1	-1.1	-1.0
MinTime	12:00 AM	1:00 AM	12:00 AM	1:00 AM	1:00 PM	1:00 PM
Maximum	0.0	24.1	34.6	0.1	3.7	3.7
MaxTime	12:00 AM	9:00 PM	9:00 PM	6:00 AM	7:00 PM	7:00 PM
Daily Average	0.0	9.4	15.3	0.0	0.3	0.3
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, July 04, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, July 17, 2025

Saturday, July 5, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/5/2025 12:00 AM	0.0	16.7	24.7	0.0	1.8	1.8
7/5/2025 1:00 AM	0.0	16.3	23.5	0.0	0.8	0.8
7/5/2025 2:00 AM	0.0	13.3	19.4	0.0	0.0	0.0
7/5/2025 3:00 AM	0.0	11.9	18.4	0.0	0.0	0.0
7/5/2025 4:00 AM	0.0	10.2	15.7	0.0	-0.4	-0.3
7/5/2025 5:00 AM	0.0	10.2	16.4	0.0	-0.1	0.0
7/5/2025 6:00 AM	0.0	10.1	15.4	0.1	-0.2	-0.3
7/5/2025 7:00 AM	0.0	10.7	15.5	0.1	-0.1	-0.2
7/5/2025 8:00 AM	0.0	10.7	16.1	0.0	-0.6	-0.7
7/5/2025 9:00 AM	0.0	10.2	15.1	0.0	-0.8	-0.8
7/5/2025 10:00 AM	0.0	10.0	17.8	0.0	-0.1	-0.2
7/5/2025 11:00 AM	0.0	8.8	13.9	0.0	-0.7	-0.6
7/5/2025 12:00 PM	0.0	7.8	12.5	0.0	-0.8	-0.8
7/5/2025 1:00 PM	0.0	8.3	21.0	0.5	0.7	0.2
7/5/2025 2:00 PM	0.0	9.3	30.3	2.6	4.9	2.6
7/5/2025 3:00 PM	0.0	8.5	15.5	0.6	1.9	1.2
7/5/2025 4:00 PM	0.0	7.8	14.0	0.8	2.1	1.2
7/5/2025 5:00 PM	1.3	8.7	16.5	0.3	1.1	0.7
7/5/2025 6:00 PM	0.0	9.8	16.2	0.1	0.0	-0.1
7/5/2025 7:00 PM	0.0	10.1	16.1	0.0	1.0	1.1
7/5/2025 8:00 PM	0.0	13.5	20.0	0.0	2.0	2.1
7/5/2025 9:00 PM	0.0	15.1	22.1	0.0	2.0	2.0
7/5/2025 10:00 PM	0.0	15.0	21.2	0.0	1.1	1.1
7/5/2025 11:00 PM	0.0	11.7	17.3	0.0	1.2	1.2

Minimum	0.0	7.8	12.5	0.0	-0.8	-0.8
MinTime	12:00 AM	12:00 PM	12:00 PM	12:00 AM	9:00 AM	9:00 AM
Maximum	1.3	16.7	30.3	2.6	4.9	2.6
MaxTime	5:00 PM	12:00 AM	2:00 PM	2:00 PM	2:00 PM	2:00 PM
Daily Average	0.0	11.0	18.1	0.2	0.7	0.5
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, July 05, 2025

No.	Time	Comments
1	12:00:00 AM	The security camera detected mowing at 5:04 and 6:07PM. VOC spikes were seen starting at 5:11PM , highest measured was 27.1 at 5:12PM.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, July 18, 2025

Sunday, July 6, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/6/2025 12:00 AM	0.0	12.0	18.0	0.0	1.2	1.1
7/6/2025 1:00 AM	0.0	12.0	18.9	0.0	0.7	0.6
7/6/2025 2:00 AM	0.0	11.5	17.1	0.0	0.0	0.0
7/6/2025 3:00 AM	0.0	11.7	18.2	0.1	0.3	0.1
7/6/2025 4:00 AM	0.0	12.1	18.5	0.1	0.3	0.2
7/6/2025 5:00 AM	0.0	12.2	18.7	0.0	0.3	0.2
7/6/2025 6:00 AM	0.0	11.9	16.8	0.1	-0.3	-0.5
7/6/2025 7:00 AM	0.0	11.9	16.4	0.1	-0.5	-0.7
7/6/2025 8:00 AM	0.0	12.1	16.3	0.0	-1.0	-1.0
7/6/2025 9:00 AM	0.0	11.1	15.2	0.0	-1.2	-1.1
7/6/2025 10:00 AM	0.0	10.7	14.2	0.0	-1.0	-1.0
7/6/2025 11:00 AM	0.0	10.6	14.8	0.1	-0.5	-0.6
7/6/2025 12:00 PM	0.0	10.7	14.6	0.0	-0.4	-0.4
7/6/2025 1:00 PM	0.0	10.3	15.1	0.0	-0.5	-0.6
7/6/2025 2:00 PM	0.0	9.9	13.7	0.0	-0.6	-0.6
7/6/2025 3:00 PM	0.0	9.8	13.6	0.0	-0.7	-0.7
7/6/2025 4:00 PM	0.0	9.5	14.0	0.0	-0.3	-0.4
7/6/2025 5:00 PM	0.1	9.6	15.2	0.8	5.0	4.1
7/6/2025 6:00 PM	0.0	8.8	13.6	0.0	1.0	0.9
7/6/2025 7:00 PM	0.0	10.3	15.5	0.0	1.9	1.9
7/6/2025 8:00 PM	0.0	12.4	25.0	0.0	3.1	3.1
7/6/2025 9:00 PM	0.0	11.9	16.5	0.0	2.1	2.1
7/6/2025 10:00 PM	0.0	13.7	19.7	0.0	1.9	1.8
7/6/2025 11:00 PM	0.0	12.5	17.3	0.0	0.9	1.0

Minimum	0.0	8.8	13.6	0.0	-1.2	-1.1
MinTime	12:00 AM	6:00 PM	3:00 PM	12:00 AM	9:00 AM	9:00 AM
Maximum	0.1	13.7	25.0	0.8	5.0	4.1
MaxTime	5:00 PM	10:00 PM	8:00 PM	5:00 PM	5:00 PM	5:00 PM
Daily Average	0.0	11.2	16.5	0.0	0.4	0.3
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, July 06, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Saturday, July 19, 2025

Monday, July 7, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/7/2025 12:00 AM	0.0	12.5	17.9	0.0	0.6	0.6
7/7/2025 1:00 AM	0.0	12.6	17.4	0.0	0.4	0.4
7/7/2025 2:00 AM	0.0	12.3	17.6	0.0	0.6	0.6
7/7/2025 3:00 AM	0.0	12.6	18.1	#N/A	#N/A	#N/A
7/7/2025 4:00 AM	0.0	12.4	17.7	0.4	3.4	2.9
7/7/2025 5:00 AM	0.0	12.3	16.9	#N/A	#N/A	#N/A
7/7/2025 6:00 AM	0.0	12.9	20.0	1.0	3.6	2.5
7/7/2025 7:00 AM	0.0	12.5	20.2	1.1	3.5	2.4
7/7/2025 8:00 AM	0.0	11.5	17.2	0.6	1.8	1.1
7/7/2025 9:00 AM	0.0	10.3	13.5	0.0	-0.7	-0.7
7/7/2025 10:00 AM	0.0	10.5	16.0	0.0	-0.7	-0.7
7/7/2025 11:00 AM	0.0	10.4	16.7	0.0	-0.8	-0.8
7/7/2025 12:00 PM	0.0	10.2	15.5	0.0	-0.7	-0.8
7/7/2025 1:00 PM	0.0	10.6	18.8	0.0	-0.7	-0.7
7/7/2025 2:00 PM	0.0	10.1	16.9	0.0	-0.8	-0.8
7/7/2025 3:00 PM	0.0	10.0	14.7	0.0	-0.8	-0.8
7/7/2025 4:00 PM	0.0	9.7	14.8	0.0	-0.9	-0.9
7/7/2025 5:00 PM	0.0	10.0	16.8	0.5	0.3	-0.1
7/7/2025 6:00 PM	0.0	9.5	16.7	0.1	3.2	3.0
7/7/2025 7:00 PM	0.0	10.6	20.7	0.4	8.1	7.6
7/7/2025 8:00 PM	0.0	12.0	23.1	0.2	7.1	6.8
7/7/2025 9:00 PM	0.0	11.6	19.7	0.3	6.8	6.5
7/7/2025 10:00 PM	0.0	11.6	17.9	0.2	4.4	4.1
7/7/2025 11:00 PM	0.0	11.3	16.4	0.1	3.1	2.9

Minimum	0.0	9.5	13.5	0.0	-0.9	-0.9
MinTime	12:00 AM	6:00 PM	9:00 AM	12:00 AM	4:00 PM	4:00 PM
Maximum	0.0	12.9	23.1	1.1	8.1	7.6
MaxTime	12:00 AM	6:00 AM	8:00 PM	7:00 AM	7:00 PM	7:00 PM
Daily Average	0.0	11.2	17.5	0.2	1.8	1.5
Number	24	24	24	22	22	22
Data Hourly (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, July 07, 2025

No.	Time	Comments
1	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
2	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
3	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
4	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
41	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
42	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
43	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,

44	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
56	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
57	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
58	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
59	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
67	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
68	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
69	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
82	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
83	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
89	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
90	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

91	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
112	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
113	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
114	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, July 22, 2025

Tuesday, July 8, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/8/2025 12:00 AM	0.0	11.4	16.0	0.0	1.6	1.5
7/8/2025 1:00 AM	0.0	11.4	16.2	0.0	1.1	1.0
7/8/2025 2:00 AM	0.0	11.6	16.5	0.0	0.5	0.5
7/8/2025 3:00 AM	0.0	11.6	16.7	0.1	1.2	1.0
7/8/2025 4:00 AM	0.0	10.8	16.4	0.2	2.5	2.3
7/8/2025 5:00 AM	0.0	11.3	17.4	0.7	3.8	3.1
7/8/2025 6:00 AM	0.0	10.7	16.0	1.2	3.0	1.8
7/8/2025 7:00 AM	0.0	10.3	16.8	1.3	3.3	1.9
7/8/2025 8:00 AM	0.0	10.2	19.0	0.9	2.5	1.5
7/8/2025 9:00 AM	0.0	9.8	15.2	0.0	-0.4	-0.5
7/8/2025 10:00 AM	0.0	9.4	18.1	0.4	0.1	-0.3
7/8/2025 11:00 AM	0.0	9.8	20.9	0.1	-0.2	-0.4
7/8/2025 12:00 PM	0.0	9.4	17.3	0.0	-0.5	-0.6
7/8/2025 1:00 PM	0.0	10.3	17.8	0.0	-0.9	-0.9
7/8/2025 2:00 PM	0.0	9.5	15.9	0.0	-0.8	-0.8
7/8/2025 3:00 PM	0.0	8.5	15.8	0.1	-0.5	-0.7
7/8/2025 4:00 PM	0.0	8.9	17.3	0.1	-0.4	-0.5
7/8/2025 5:00 PM	0.0	8.9	17.3	0.0	-0.6	-0.6
7/8/2025 6:00 PM	0.0	9.5	19.2	0.0	1.5	1.4
7/8/2025 7:00 PM	0.0	9.5	21.1	0.0	4.3	4.2
7/8/2025 8:00 PM	0.0	9.8	19.5	0.0	6.7	6.6
7/8/2025 9:00 PM	0.0	9.9	17.7	0.1	5.8	5.6
7/8/2025 10:00 PM	0.0	9.9	17.3	0.1	4.7	4.5
7/8/2025 11:00 PM	0.0	10.0	16.7	0.2	2.9	2.7

Minimum	0.0	8.5	15.2	0.0	-0.9	-0.9
MinTime	12:00 AM	3:00 PM	9:00 AM	12:00 AM	1:00 PM	1:00 PM
Maximum	0.0	11.6	21.1	1.3	6.7	6.6
MaxTime	12:00 AM	2:00 AM	7:00 PM	7:00 AM	8:00 PM	8:00 PM
Daily Average	0.0	10.1	17.4	0.2	1.7	1.4
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, July 08, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, July 22, 2025

Wednesday, July 9, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/9/2025 12:00 AM	0.0	10.1	15.5	0.1	2.1	1.9
7/9/2025 1:00 AM	0.0	10.2	15.4	0.1	1.1	1.0
7/9/2025 2:00 AM	0.0	10.4	15.7	0.1	0.9	0.8
7/9/2025 3:00 AM	0.0	10.4	16.0	0.2	1.1	0.9
7/9/2025 4:00 AM	0.0	10.5	16.0	0.3	2.1	1.7
7/9/2025 5:00 AM	0.0	10.5	17.3	0.7	3.9	3.1
7/9/2025 6:00 AM	0.0	10.5	16.4	1.6	4.1	2.4
7/9/2025 7:00 AM	0.0	10.1	17.5	1.1	2.3	1.1
7/9/2025 8:00 AM	0.0	9.9	18.1	0.4	0.5	0.1
7/9/2025 9:00 AM	0.0	9.4	15.8	0.0	-0.3	-0.4
7/9/2025 10:00 AM	0.0	9.0	14.3	0.1	0.2	0.0
7/9/2025 11:00 AM	0.0	8.3	12.9	0.1	-0.4	-0.5
7/9/2025 12:00 PM	0.0	8.6	13.9	0.1	-0.3	-0.4
7/9/2025 1:00 PM	0.0	8.8	15.2	0.1	0.1	0.0
7/9/2025 2:00 PM	0.0	8.5	12.7	0.1	-0.2	-0.3
7/9/2025 3:00 PM	0.0	8.2	13.4	0.0	-0.6	-0.7
7/9/2025 4:00 PM	0.0	8.1	15.2	0.1	0.0	-0.1
7/9/2025 5:00 PM	0.0	9.0	18.6	0.0	1.8	1.7
7/9/2025 6:00 PM	0.0	4.7	10.2	0.1	0.6	0.5
7/9/2025 7:00 PM	0.0	3.9	8.6	0.0	1.2	1.2
7/9/2025 8:00 PM	0.0	3.9	9.1	0.0	1.6	1.6
7/9/2025 9:00 PM	0.0	4.1	10.7	0.0	1.1	1.0
7/9/2025 10:00 PM	0.0	4.3	12.2	0.0	1.1	1.1
7/9/2025 11:00 PM	0.0	4.4	10.7	-0.1	-0.2	-0.1

Minimum	0.0	3.9	8.6	-0.1	-0.6	-0.7
MinTime	12:00 AM	7:00 PM	7:00 PM	11:00 PM	3:00 PM	3:00 PM
Maximum	0.0	10.5	18.6	1.6	4.1	3.1
MaxTime	12:00 AM	4:00 AM	5:00 PM	6:00 AM	6:00 AM	5:00 AM
Daily Average	0.0	8.1	14.2	0.2	0.9	0.7
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, July 09, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, July 23, 2025

Thursday, July 10, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/10/2025 12:00 AM	0.0	4.4	9.9	0.0	0.0	0.0
7/10/2025 1:00 AM	0.0	3.7	8.8	0.0	-0.3	-0.3
7/10/2025 2:00 AM	0.0	2.3	6.9	0.0	-0.2	-0.2
7/10/2025 3:00 AM	0.0	2.6	8.5	0.0	1.0	1.0
7/10/2025 4:00 AM	0.0	2.8	10.0	0.0	0.8	0.8
7/10/2025 5:00 AM	0.0	3.0	10.0	0.2	2.7	2.4
7/10/2025 6:00 AM	0.0	3.2	11.8	1.0	5.8	4.8
7/10/2025 7:00 AM	0.0	3.1	9.3	1.0	4.9	3.9
7/10/2025 8:00 AM	0.0	3.2	12.2	2.2	7.6	5.3
7/10/2025 9:00 AM	0.0	3.4	10.8	1.6	5.2	3.5
7/10/2025 10:00 AM	0.0	4.3	10.0	0.7	1.3	0.5
7/10/2025 11:00 AM	0.0	4.7	10.2	0.0	-0.4	-0.5
7/10/2025 12:00 PM	0.0	5.0	11.9	0.0	-0.5	-0.6
7/10/2025 1:00 PM	0.0	5.1	11.2	0.1	-0.3	-0.4
7/10/2025 2:00 PM	0.0	5.1	10.6	0.0	-0.5	-0.6
7/10/2025 3:00 PM	0.0	5.3	11.4	0.1	-0.2	-0.4
7/10/2025 4:00 PM	0.0	5.2	10.6	0.2	0.2	0.0
7/10/2025 5:00 PM	0.0	5.0	10.7	0.2	1.6	1.3
7/10/2025 6:00 PM	0.0	5.0	11.2	0.3	4.0	3.6
7/10/2025 7:00 PM	0.0	5.7	13.9	0.1	2.3	2.1
7/10/2025 8:00 PM	0.0	6.1	14.5	0.0	2.5	2.4
7/10/2025 9:00 PM	0.0	6.5	15.5	0.1	2.3	2.2
7/10/2025 10:00 PM	0.0	6.4	14.2	0.1	1.5	1.4
7/10/2025 11:00 PM	0.0	6.3	14.1	0.0	1.4	1.4

Minimum	0.0	2.3	6.9	0.0	-0.5	-0.6
MinTime	12:00 AM	2:00 AM	2:00 AM	12:00 AM	12:00 PM	12:00 PM
Maximum	0.0	6.5	15.5	2.2	7.6	5.3
MaxTime	12:00 AM	9:00 PM	9:00 PM	8:00 AM	8:00 AM	8:00 AM
Daily Average	0.0	4.4	11.1	0.3	1.7	1.4
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, July 10, 2025

No.	Time	Comments
1	12:00:00 AM	Site host reported trucks/dust from 7am-5pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, July 25, 2025

Friday, July 11, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/11/2025 12:00 AM	0.0	6.6	14.9	0.0	1.2	1.1
7/11/2025 1:00 AM	0.0	6.3	14.4	0.0	0.2	0.2
7/11/2025 2:00 AM	0.0	6.3	15.5	0.0	0.3	0.2
7/11/2025 3:00 AM	0.0	6.2	17.1	0.2	0.9	0.6
7/11/2025 4:00 AM	0.0	6.2	15.7	0.2	0.7	0.5
7/11/2025 5:00 AM	0.0	6.1	18.4	2.6	5.1	2.4
7/11/2025 6:00 AM	0.0	6.3	18.9	2.3	4.2	1.9
7/11/2025 7:00 AM	0.0	5.6	14.4	2.4	4.3	1.8
7/11/2025 8:00 AM	0.0	5.2	12.0	0.5	0.7	0.1
7/11/2025 9:00 AM	0.0	4.9	10.7	0.3	0.6	0.3
7/11/2025 10:00 AM	0.0	5.0	10.0	0.0	-0.5	-0.6
7/11/2025 11:00 AM	0.0	4.9	10.3	0.0	-0.3	-0.3
7/11/2025 12:00 PM	0.0	4.6	9.2	0.2	0.1	0.0
7/11/2025 1:00 PM	0.0	4.8	9.5	0.0	-0.1	-0.2
7/11/2025 2:00 PM	0.0	4.1	8.6	0.0	-0.7	-0.8
7/11/2025 3:00 PM	1.8	4.1	10.1	0.1	-0.2	-0.4
7/11/2025 4:00 PM	0.0	4.0	8.2	0.1	-0.5	-0.6
7/11/2025 5:00 PM	0.0	4.3	9.0	0.1	0.6	0.5
7/11/2025 6:00 PM	0.0	4.7	12.3	0.7	5.3	4.5
7/11/2025 7:00 PM	0.0	5.5	12.6	0.0	4.7	4.6
7/11/2025 8:00 PM	0.0	5.6	13.8	0.0	4.7	4.6
7/11/2025 9:00 PM	0.0	5.6	12.8	0.2	4.0	3.8
7/11/2025 10:00 PM	0.0	5.5	12.8	0.1	1.7	1.6
7/11/2025 11:00 PM	0.0	5.8	13.5	0.1	0.9	0.8

Minimum	0.0	4.0	8.2	0.0	-0.7	-0.8
MinTime	12:00 AM	4:00 PM	4:00 PM	12:00 AM	2:00 PM	2:00 PM
Maximum	1.8	6.6	18.9	2.6	5.3	4.6
MaxTime	3:00 PM	12:00 AM	6:00 AM	5:00 AM	6:00 PM	7:00 PM
Daily Average	0.0	5.3	12.6	0.4	1.5	1.1
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, July 11, 2025

No.	Time	Comments
1	5:22:00 AM	VOC spike started around 3:20PM. Highest level was 75.0 at 3:22pm.
2	5:23:00 AM	Site host reported trucks/dust from 7am to 5pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: July 28 2025

Saturday, July 12, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/12/2025 12:00 AM	0.0	5.9	12.9	0.1	1.1	0.9
7/12/2025 1:00 AM	0.0	5.9	13.3	0.0	0.2	0.2
7/12/2025 2:00 AM	0.0	5.7	13.4	0.0	-0.3	-0.3
7/12/2025 3:00 AM	0.0	5.7	12.2	0.0	-0.4	-0.4
7/12/2025 4:00 AM	0.0	5.5	12.1	0.1	0.3	0.2
7/12/2025 5:00 AM	0.0	6.1	19.8	3.1	7.3	4.1
7/12/2025 6:00 AM	0.0	6.2	20.7	4.0	8.3	4.2
7/12/2025 7:00 AM	0.0	5.4	12.7	1.4	3.8	2.3
7/12/2025 8:00 AM	0.0	5.2	11.6	0.2	0.2	0.0
7/12/2025 9:00 AM	0.0	5.9	13.0	0.2	0.2	0.0
7/12/2025 10:00 AM	0.0	5.3	10.1	0.0	-0.6	-0.6
7/12/2025 11:00 AM	0.0	5.5	10.3	0.0	-0.7	-0.7
7/12/2025 12:00 PM	0.0	5.8	11.5	0.0	-0.8	-0.7
7/12/2025 1:00 PM	0.0	5.3	9.8	0.0	-0.6	-0.7
7/12/2025 2:00 PM	0.0	4.9	8.9	0.0	-1.0	-1.0
7/12/2025 3:00 PM	0.0	4.8	15.1	0.0	-0.9	-0.9
7/12/2025 4:00 PM	0.0	4.0	8.5	0.0	0.1	0.0
7/12/2025 5:00 PM	0.0	3.5	8.0	0.0	-0.4	-0.5
7/12/2025 6:00 PM	0.0	3.5	9.0	0.0	0.4	0.4
7/12/2025 7:00 PM	0.0	3.4	8.7	0.0	1.1	1.1
7/12/2025 8:00 PM	0.0	3.3	8.2	0.0	0.8	0.7
7/12/2025 9:00 PM	0.0	3.3	9.1	0.0	0.1	0.1
7/12/2025 10:00 PM	0.0	3.8	9.3	0.0	0.0	0.0
7/12/2025 11:00 PM	0.0	4.1	11.1	0.0	-0.5	-0.5

Minimum	0.0	3.3	8.0	0.0	-1.0	-1.0
MinTime	12:00 AM	8:00 PM	5:00 PM	1:00 AM	2:00 PM	2:00 PM
Maximum	0.0	6.2	20.7	4.0	8.3	4.2
MaxTime	12:00 AM	6:00 AM	6:00 AM	6:00 AM	6:00 AM	6:00 AM
Daily Average	0.0	4.9	11.6	0.3	0.7	0.3
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, July 12, 2025

No.	Time	Comments
1	11:46:00 PM	Site host reported trucks/dust from 7am to 3pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: July 29 2025

Sunday, July 13, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/13/2025 12:00 AM	0.0	4.4	11.5	0.0	-0.5	-0.5
7/13/2025 1:00 AM	0.0	4.6	11.8	0.0	-0.6	-0.6
7/13/2025 2:00 AM	0.0	4.9	12.8	0.0	-0.9	-0.8
7/13/2025 3:00 AM	0.0	4.7	12.2	0.0	-0.9	-0.9
7/13/2025 4:00 AM	0.0	4.8	11.8	0.0	-0.8	-0.8
7/13/2025 5:00 AM	0.0	4.7	11.7	0.0	0.0	-0.1
7/13/2025 6:00 AM	0.0	4.6	11.2	0.2	-0.2	-0.4
7/13/2025 7:00 AM	0.0	4.7	12.6	0.2	-0.5	-0.8
7/13/2025 8:00 AM	0.0	5.0	12.8	0.4	-0.1	-0.6
7/13/2025 9:00 AM	0.0	6.9	18.5	0.1	-0.7	-0.9
7/13/2025 10:00 AM	0.0	6.8	16.4	0.0	-0.9	-0.9
7/13/2025 11:00 AM	0.0	5.8	14.0	0.0	-1.0	-0.9
7/13/2025 12:00 PM	0.0	5.7	13.2	0.0	-1.0	-1.1
7/13/2025 1:00 PM	0.2	6.0	14.3	0.0	-1.0	-1.0
7/13/2025 2:00 PM	0.0	5.6	12.9	0.0	-1.1	-1.1
7/13/2025 3:00 PM	0.0	5.4	12.4	0.0	-1.0	-1.0
7/13/2025 4:00 PM	0.0	5.7	12.9	0.0	-1.0	-1.0
7/13/2025 5:00 PM	0.0	4.9	11.1	0.0	-0.9	-0.8
7/13/2025 6:00 PM	0.0	4.4	10.1	0.0	-0.1	-0.1
7/13/2025 7:00 PM	0.0	4.3	10.2	0.0	0.8	0.7
7/13/2025 8:00 PM	0.0	4.9	11.9	0.0	2.0	1.9
7/13/2025 9:00 PM	0.0	5.2	12.6	0.1	3.0	2.9
7/13/2025 10:00 PM	0.0	4.9	12.1	0.1	1.9	1.8
7/13/2025 11:00 PM	0.0	5.3	12.3	0.1	1.5	1.3

Minimum	0.0	4.3	10.1	0.0	-1.1	-1.1
MinTime	12:00 AM	7:00 PM	6:00 PM	12:00 AM	2:00 PM	12:00 PM
Maximum	0.2	6.9	18.5	0.4	3.0	2.9
MaxTime	1:00 PM	9:00 AM	9:00 AM	8:00 AM	9:00 PM	9:00 PM
Daily Average	0.0	5.1	12.6	0.0	-0.1	-0.2
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, July 13, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: July 29 2025

Monday, July 14, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/14/2025 12:00 AM	0.0	5.5	13.5	0.0	0.4	0.4
7/14/2025 1:00 AM	0.0	5.7	12.6	0.0	0.0	-0.1
7/14/2025 2:00 AM	0.0	5.5	12.6	0.1	0.0	-0.1
7/14/2025 3:00 AM	0.0	5.4	12.7	#N/A	#N/A	#N/A
7/14/2025 4:00 AM	0.0	5.6	12.7	0.1	1.3	1.1
7/14/2025 5:00 AM	0.0	5.5	12.9	#N/A	#N/A	#N/A
7/14/2025 6:00 AM	0.0	5.7	13.3	2.6	4.8	2.1
7/14/2025 7:00 AM	0.0	5.6	14.9	4.9	6.9	1.9
7/14/2025 8:00 AM	0.0	5.1	12.1	1.3	2.5	1.2
7/14/2025 9:00 AM	0.0	5.0	10.8	0.3	0.0	-0.2
7/14/2025 10:00 AM	0.0	5.1	11.2	0.0	-0.6	-0.7
7/14/2025 11:00 AM	0.0	4.6	10.9	0.1	-0.6	-0.7
7/14/2025 12:00 PM	0.0	4.5	9.3	0.0	-0.9	-1.0
7/14/2025 1:00 PM	0.0	4.4	10.1	0.0	-0.6	-0.6
7/14/2025 2:00 PM	0.0	4.1	9.5	0.0	-0.4	-0.4
7/14/2025 3:00 PM	0.0	4.1	10.1	0.1	-0.4	-0.5
7/14/2025 4:00 PM	0.0	4.1	9.5	0.0	-0.7	-0.8
7/14/2025 5:00 PM	0.0	3.9	9.2	0.1	0.0	-0.2
7/14/2025 6:00 PM	0.0	4.2	12.4	0.1	1.5	1.4
7/14/2025 7:00 PM	0.0	4.1	12.5	0.2	5.5	5.3
7/14/2025 8:00 PM	0.0	4.4	10.9	0.0	6.1	6.1
7/14/2025 9:00 PM	0.0	4.7	10.9	0.0	5.0	4.8
7/14/2025 10:00 PM	0.0	4.5	10.4	0.0	2.0	1.9
7/14/2025 11:00 PM	0.0	4.5	10.3	0.1	1.4	1.3

Minimum	0.0	3.9	9.2	0.0	-0.9	-1.0
MinTime	12:00 AM	5:00 PM	5:00 PM	12:00 AM	12:00 PM	12:00 PM
Maximum	0.0	5.7	14.9	4.9	6.9	6.1
MaxTime	12:00 AM	1:00 AM	7:00 AM	7:00 AM	7:00 AM	8:00 PM
Daily Average	0.0	4.8	11.4	0.4	1.5	1.0
Number	24	24	24	22	22	22
Data Hourly (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, July 14, 2025

No.	Time	Comments
1	12:00:00 AM	There were two sequences of calibration, however, we met required 75% completeness.
2	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
3	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
4	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
42	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,

43	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
44	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
57	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
58	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
59	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
68	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
69	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
83	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
89	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

90	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
113	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
114	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
122	11:46:00 PM	Site host reported trucks/dust from 7am to 5pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, July 30, 2025

Tuesday, July 15, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/15/2025 12:00 AM	0.0	4.7	11.0	0.1	0.8	0.7
7/15/2025 1:00 AM	0.0	4.7	11.0	0.0	0.1	0.1
7/15/2025 2:00 AM	0.0	4.9	10.6	0.1	0.6	0.4
7/15/2025 3:00 AM	0.0	4.6	10.6	0.2	0.4	0.2
7/15/2025 4:00 AM	0.0	4.6	11.5	0.2	0.7	0.4
7/15/2025 5:00 AM	0.0	5.1	15.4	3.6	6.9	3.2
7/15/2025 6:00 AM	0.0	5.1	14.8	4.4	7.1	2.7
7/15/2025 7:00 AM	0.0	5.0	16.8	3.4	5.0	1.5
7/15/2025 8:00 AM	0.0	4.5	12.6	2.0	3.4	1.3
7/15/2025 9:00 AM	0.0	4.0	9.3	0.2	0.1	-0.1
7/15/2025 10:00 AM	0.0	4.2	9.5	0.2	0.4	0.1
7/15/2025 11:00 AM	0.0	4.3	10.4	0.1	0.1	0.0
7/15/2025 12:00 PM	0.0	4.4	9.6	0.0	-0.2	-0.3
7/15/2025 1:00 PM	0.0	4.1	9.5	0.0	-0.6	-0.7
7/15/2025 2:00 PM	0.0	4.1	8.9	0.0	-0.8	-0.9
7/15/2025 3:00 PM	0.0	3.9	8.4	0.1	-0.8	-0.9
7/15/2025 4:00 PM	0.0	4.0	11.2	0.2	0.0	-0.2
7/15/2025 5:00 PM	0.0	3.8	9.5	0.3	1.3	1.0
7/15/2025 6:00 PM	0.0	3.7	8.5	0.2	0.5	0.3
7/15/2025 7:00 PM	0.0	4.2	11.7	0.6	4.6	4.0
7/15/2025 8:00 PM	0.0	4.4	11.4	0.2	3.3	3.0
7/15/2025 9:00 PM	0.0	4.4	10.5	0.2	2.6	2.4
7/15/2025 10:00 PM	0.0	4.8	11.0	0.1	1.8	1.7
7/15/2025 11:00 PM	0.0	5.4	12.5	0.1	1.5	1.3

Minimum	0.0	3.7	8.4	0.0	-0.8	-0.9
MinTime	12:00 AM	6:00 PM	3:00 PM	1:00 AM	2:00 PM	2:00 PM
Maximum	0.0	5.4	16.8	4.4	7.1	4.0
MaxTime	12:00 AM	11:00 PM	7:00 AM	6:00 AM	6:00 AM	7:00 PM
Daily Average	0.0	4.4	11.0	0.6	1.6	0.8
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, July 15, 2025

No.	Time	Comments
1	12:00:00 AM	Site host reported that there weren't as many trucks.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: July 31 2025

Wednesday, July 16, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/16/2025 12:00 AM	0.0	5.4	12.3	0.1	1.1	1.0
7/16/2025 1:00 AM	0.0	5.6	12.4	0.1	0.6	0.5
7/16/2025 2:00 AM	0.0	5.9	13.8	0.1	0.8	0.7
7/16/2025 3:00 AM	0.0	6.2	13.9	0.0	0.4	0.4
7/16/2025 4:00 AM	0.0	6.2	15.2	0.9	3.7	2.8
7/16/2025 5:00 AM	0.0	6.3	15.0	2.4	9.3	6.9
7/16/2025 6:00 AM	0.0	6.0	13.8	1.6	4.5	2.9
7/16/2025 7:00 AM	0.0	4.6	11.3	0.5	1.1	0.5
7/16/2025 8:00 AM	0.0	4.4	11.1	0.6	1.6	0.9
7/16/2025 9:00 AM	0.0	4.3	9.2	0.2	0.0	-0.3
7/16/2025 10:00 AM	0.0	4.2	8.8	0.2	-0.5	-0.8
7/16/2025 11:00 AM	0.0	4.6	13.3	0.1	-0.1	-0.2
7/16/2025 12:00 PM	0.0	3.8	9.2	0.0	-0.5	-0.6
7/16/2025 1:00 PM	0.0	3.9	10.2	0.2	0.1	-0.1
7/16/2025 2:00 PM	0.0	3.4	7.9	0.1	-0.2	-0.4
7/16/2025 3:00 PM	0.0	3.7	8.0	0.2	0.2	0.0
7/16/2025 4:00 PM	0.0	3.7	8.2	0.1	-0.1	-0.2
7/16/2025 5:00 PM	0.0	3.7	8.4	0.0	-0.9	-0.9
7/16/2025 6:00 PM	0.0	4.0	9.5	0.0	0.4	0.3
7/16/2025 7:00 PM	0.0	4.3	10.4	0.0	1.5	1.4
7/16/2025 8:00 PM	0.0	4.8	12.6	0.0	1.7	1.6
7/16/2025 9:00 PM	0.0	5.3	13.7	0.1	1.1	1.0
7/16/2025 10:00 PM	0.0	5.4	14.4	0.3	2.0	1.7
7/16/2025 11:00 PM	0.0	3.2	8.7	0.0	0.3	0.3

Minimum	0.0	3.2	7.9	0.0	-0.9	-0.9
MinTime	12:00 AM	11:00 PM	2:00 PM	3:00 AM	5:00 PM	5:00 PM
Maximum	0.0	6.3	15.2	2.4	9.3	6.9
MaxTime	12:00 AM	5:00 AM	4:00 AM	5:00 AM	5:00 AM	5:00 AM
Daily Average	0.0	4.7	11.3	0.3	1.1	0.8
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, July 16, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Sunday, August 3, 2025

Thursday, July 17, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/17/2025 12:00 AM	0.0	3.2	9.1	0.0	0.4	0.4
7/17/2025 1:00 AM	0.0	3.1	9.3	0.0	0.4	0.4
7/17/2025 2:00 AM	0.0	3.5	10.1	0.0	0.6	0.6
7/17/2025 3:00 AM	0.0	3.8	11.0	0.0	1.1	1.1
7/17/2025 4:00 AM	0.0	3.9	10.6	0.0	1.2	1.2
7/17/2025 5:00 AM	0.0	4.5	12.2	0.6	4.8	4.1
7/17/2025 6:00 AM	0.0	5.1	13.2	1.9	5.0	3.1
7/17/2025 7:00 AM	0.0	5.4	11.7	1.9	3.9	1.9
7/17/2025 8:00 AM	0.0	5.2	10.8	0.9	1.7	0.8
7/17/2025 9:00 AM	0.0	4.7	11.0	0.1	-0.6	-0.7
7/17/2025 10:00 AM	0.0	4.7	11.6	0.0	-0.7	-0.7
7/17/2025 11:00 AM	0.0	4.5	9.9	0.0	-0.7	-0.8
7/17/2025 12:00 PM	0.0	3.8	8.8	0.1	-0.1	-0.2
7/17/2025 1:00 PM	0.0	3.8	8.8	0.0	-0.8	-0.8
7/17/2025 2:00 PM	0.0	3.5	8.7	0.0	-0.9	-1.0
7/17/2025 3:00 PM	0.0	3.5	10.1	0.0	-0.1	-0.2
7/17/2025 4:00 PM	0.0	2.9	10.1	0.4	1.0	0.6
7/17/2025 5:00 PM	0.0	2.9	7.8	0.7	1.9	1.2
7/17/2025 6:00 PM	0.0	3.3	9.4	0.5	2.2	1.6
7/17/2025 7:00 PM	0.0	3.7	9.1	0.2	2.6	2.3
7/17/2025 8:00 PM	0.0	3.9	11.1	0.0	2.8	2.8
7/17/2025 9:00 PM	0.0	2.8	11.3	0.0	0.2	0.3
7/17/2025 10:00 PM	0.0	2.7	10.3	0.0	0.4	0.5
7/17/2025 11:00 PM	0.0	2.7	9.4	0.0	0.2	0.3

Minimum	0.0	2.7	7.8	0.0	-0.9	-1.0
MinTime	12:00 AM	10:00 PM	5:00 PM	12:00 AM	2:00 PM	2:00 PM
Maximum	0.0	5.4	13.2	1.9	5.0	4.1
MaxTime	12:00 AM	7:00 AM	6:00 AM	6:00 AM	6:00 AM	5:00 AM
Daily Average	0.0	3.7	10.2	0.3	1.1	0.7
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, July 17, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Sunday, August 3, 2025

Friday, July 18, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/18/2025 12:00 AM	0.0	2.6	9.1	0.0	-0.1	-0.1
7/18/2025 1:00 AM	0.0	2.9	10.6	0.0	0.1	0.2
7/18/2025 2:00 AM	0.0	3.2	9.9	0.0	0.3	0.3
7/18/2025 3:00 AM	0.0	3.4	11.0	0.0	0.3	0.3
7/18/2025 4:00 AM	0.0	3.9	13.2	0.0	0.7	0.8
7/18/2025 5:00 AM	0.0	3.9	12.4	0.2	2.1	1.9
7/18/2025 6:00 AM	0.0	3.8	11.6	1.0	3.1	2.0
7/18/2025 7:00 AM	0.0	3.3	9.3	1.6	3.0	1.3
7/18/2025 8:00 AM	0.0	3.2	9.5	1.5	3.8	2.3
7/18/2025 9:00 AM	0.0	3.3	8.0	0.6	1.5	0.8
7/18/2025 10:00 AM	0.0	3.3	7.5	0.0	-0.8	-0.8
7/18/2025 11:00 AM	0.0	2.8	6.1	0.1	-0.7	-0.9
7/18/2025 12:00 PM	0.0	2.8	5.7	0.0	-1.0	-1.1
7/18/2025 1:00 PM	0.0	3.2	7.5	0.1	-0.8	-1.0
7/18/2025 2:00 PM	0.9	3.4	8.2	0.3	-0.5	-0.8
7/18/2025 3:00 PM	0.0	3.5	8.4	0.1	-0.6	-0.8
7/18/2025 4:00 PM	0.0	3.6	9.1	0.1	-0.3	-0.4
7/18/2025 5:00 PM	0.0	4.2	10.0	0.1	0.3	0.1
7/18/2025 6:00 PM	0.0	4.3	10.8	0.1	1.0	0.8
7/18/2025 7:00 PM	0.0	4.7	10.8	0.0	0.0	0.0
7/18/2025 8:00 PM	0.0	4.6	11.2	0.0	0.2	0.1
7/18/2025 9:00 PM	0.0	4.3	11.0	0.0	0.4	0.3
7/18/2025 10:00 PM	0.0	1.7	5.6	-0.1	-0.7	-0.6
7/18/2025 11:00 PM	0.0	2.4	7.9	0.0	-0.5	-0.4

Minimum	0.0	1.7	5.6	-0.1	-1.0	-1.1
MinTime	12:00 AM	10:00 PM	10:00 PM	10:00 PM	12:00 PM	12:00 PM
Maximum	0.9	4.7	13.2	1.6	3.8	2.3
MaxTime	2:00 PM	7:00 PM	4:00 AM	7:00 AM	8:00 AM	8:00 AM
Daily Average	0.0	3.4	9.3	0.2	0.4	0.1
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, July 18, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, August 5, 2025

Saturday, July 19, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/19/2025 12:00 AM	0.0	2.6	9.0	0.0	-0.2	-0.1
7/19/2025 1:00 AM	0.0	2.7	8.1	0.0	-0.4	-0.4
7/19/2025 2:00 AM	0.0	2.8	7.9	0.0	-0.5	-0.5
7/19/2025 3:00 AM	0.0	3.3	10.2	0.0	-0.6	-0.5
7/19/2025 4:00 AM	0.0	3.5	10.9	0.0	-0.4	-0.4
7/19/2025 5:00 AM	0.0	3.7	12.1	0.1	0.4	0.3
7/19/2025 6:00 AM	0.0	3.8	14.1	0.8	1.5	0.7
7/19/2025 7:00 AM	0.0	3.6	11.7	0.9	1.7	0.8
7/19/2025 8:00 AM	0.0	3.6	10.4	0.8	1.3	0.4
7/19/2025 9:00 AM	0.0	3.3	7.5	0.1	-0.8	-0.9
7/19/2025 10:00 AM	0.0	3.2	6.9	0.0	-1.1	-1.1
7/19/2025 11:00 AM	0.0	2.9	5.8	0.0	-1.0	-1.0
7/19/2025 12:00 PM	0.0	2.4	4.8	0.1	-0.7	-0.8
7/19/2025 1:00 PM	0.0	2.7	5.3	0.1	-0.9	-1.0
7/19/2025 2:00 PM	0.0	3.0	6.5	0.1	-0.6	-0.7
7/19/2025 3:00 PM	0.0	3.3	6.8	0.0	-0.6	-0.6
7/19/2025 4:00 PM	0.0	3.9	9.6	0.1	0.0	0.0
7/19/2025 5:00 PM	0.0	3.0	9.0	0.0	-0.4	-0.4
7/19/2025 6:00 PM	0.0	2.9	8.8	0.1	0.5	0.4
7/19/2025 7:00 PM	0.0	3.2	9.3	0.0	0.8	0.8
7/19/2025 8:00 PM	0.0	3.5	8.3	0.0	-0.4	-0.4
7/19/2025 9:00 PM	0.0	4.3	9.1	0.0	-1.1	-1.1
7/19/2025 10:00 PM	0.0	5.0	12.8	0.0	0.1	0.1
7/19/2025 11:00 PM	0.0	5.2	16.3	0.0	1.5	1.4

Minimum	0.0	2.4	4.8	0.0	-1.1	-1.1
MinTime	12:00 AM	12:00 PM	12:00 PM	12:00 AM	10:00 AM	10:00 AM
Maximum	0.0	5.2	16.3	0.9	1.7	1.4
MaxTime	12:00 AM	11:00 PM	11:00 PM	7:00 AM	7:00 AM	11:00 PM
Daily Average	0.0	3.3	9.2	0.1	0.0	-0.2
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, July 19, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, August 5, 2025

Sunday, July 20, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/20/2025 12:00 AM	0.0	4.8	11.0	0.0	-0.9	-0.8
7/20/2025 1:00 AM	0.0	4.5	9.1	0.0	-1.3	-1.3
7/20/2025 2:00 AM	0.0	4.3	9.3	0.0	-1.2	-1.2
7/20/2025 3:00 AM	0.0	4.3	9.1	0.0	-1.2	-1.1
7/20/2025 4:00 AM	0.0	4.2	8.5	0.0	-1.1	-1.0
7/20/2025 5:00 AM	0.0	4.2	9.4	0.0	-0.7	-0.7
7/20/2025 6:00 AM	0.0	4.4	9.6	0.0	-0.8	-0.8
7/20/2025 7:00 AM	0.0	5.1	10.1	0.0	-0.6	-0.7
7/20/2025 8:00 AM	0.0	5.4	10.3	0.0	-0.9	-1.0
7/20/2025 9:00 AM	0.0	5.5	10.7	0.0	-1.1	-1.1
7/20/2025 10:00 AM	0.0	4.9	9.6	0.0	-0.9	-1.0
7/20/2025 11:00 AM	0.0	5.0	9.8	0.0	-1.1	-1.1
7/20/2025 12:00 PM	0.0	5.4	11.0	0.0	-1.1	-1.1
7/20/2025 1:00 PM	0.0	5.6	12.2	0.1	-0.6	-0.7
7/20/2025 2:00 PM	0.0	4.3	9.2	0.0	-0.8	-0.9
7/20/2025 3:00 PM	0.0	3.5	8.2	0.1	0.4	0.3
7/20/2025 4:00 PM	0.0	3.7	7.8	0.0	-0.3	-0.4
7/20/2025 5:00 PM	0.0	4.7	10.0	0.0	-0.8	-0.8
7/20/2025 6:00 PM	0.0	5.4	11.7	0.0	0.0	0.0
7/20/2025 7:00 PM	0.0	6.2	14.6	0.4	3.0	2.6
7/20/2025 8:00 PM	0.0	6.5	15.4	0.0	0.9	0.8
7/20/2025 9:00 PM	0.0	6.9	17.8	0.1	1.0	0.8
7/20/2025 10:00 PM	0.0	7.4	18.8	0.1	0.5	0.3
7/20/2025 11:00 PM	0.0	7.6	19.1	0.0	-0.4	-0.4

Minimum	0.0	3.5	7.8	0.0	-1.3	-1.3
MinTime	12:00 AM	3:00 PM	4:00 PM	12:00 AM	1:00 AM	1:00 AM
Maximum	0.0	7.6	19.1	0.4	3.0	2.6
MaxTime	12:00 AM	11:00 PM	11:00 PM	7:00 PM	7:00 PM	7:00 PM
Daily Average	0.0	5.1	11.3	0.0	-0.4	-0.4
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, July 20, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, August 5, 2025

Monday, July 21, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/21/2025 12:00 AM	0.0	8.3	21.5	0.1	0.0	0.0
7/21/2025 1:00 AM	0.0	8.3	22.2	0.2	0.0	-0.2
7/21/2025 2:00 AM	0.0	7.5	18.3	0.1	-0.1	-0.2
7/21/2025 3:00 AM	0.0	7.9	21.2	#N/A	#N/A	#N/A
7/21/2025 4:00 AM	0.0	7.7	22.1	2.2	6.0	3.7
7/21/2025 5:00 AM	0.0	7.2	19.2	#N/A	#N/A	#N/A
7/21/2025 6:00 AM	0.0	7.4	15.9	0.0	0.0	0.0
7/21/2025 7:00 AM	0.0	7.1	14.5	0.2	0.3	0.0
7/21/2025 8:00 AM	0.0	6.8	13.9	0.2	0.0	-0.2
7/21/2025 9:00 AM	0.0	7.3	14.9	0.2	-0.2	-0.4
7/21/2025 10:00 AM	0.0	8.3	17.6	0.1	-0.4	-0.6
7/21/2025 11:00 AM	0.0	7.9	16.2	0.0	-0.8	-0.8
7/21/2025 12:00 PM	0.0	7.7	16.1	0.0	-0.9	-0.9
7/21/2025 1:00 PM	0.0	7.7	16.3	0.1	-0.5	-0.6
7/21/2025 2:00 PM	0.0	6.9	14.3	0.1	-0.8	-0.9
7/21/2025 3:00 PM	0.0	6.3	13.0	0.2	0.7	0.4
7/21/2025 4:00 PM	0.0	5.7	12.3	0.2	0.8	0.5
7/21/2025 5:00 PM	0.0	6.4	13.3	0.0	-0.5	-0.5
7/21/2025 6:00 PM	0.0	7.4	16.0	0.1	0.8	0.7
7/21/2025 7:00 PM	0.0	8.9	19.8	0.2	2.9	2.7
7/21/2025 8:00 PM	0.0	8.6	20.4	0.0	2.8	2.7
7/21/2025 9:00 PM	0.0	8.6	19.8	0.1	2.0	1.9
7/21/2025 10:00 PM	0.0	8.6	20.7	0.0	0.2	0.2
7/21/2025 11:00 PM	0.0	8.4	20.1	0.1	0.8	0.7

Minimum	0.0	5.7	12.3	0.0	-0.9	-0.9
MinTime	12:00 AM	4:00 PM	4:00 PM	6:00 AM	12:00 PM	12:00 PM
Maximum	0.0	8.9	22.2	2.2	6.0	3.7
MaxTime	12:00 AM	7:00 PM	1:00 AM	4:00 AM	4:00 AM	4:00 AM
Daily Average	0.0	7.6	17.4	0.2	0.5	0.3
Number	24	24	24	22	22	22
Data Hourly (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, July 21, 2025

No.	Time	Comments
1	12:00:00 AM	There were two calibration sequences, however, we still exceeded the 75% completeness requirement.
2	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
3	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
4	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
42	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,

43	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
44	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
57	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
58	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
59	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
68	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
69	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
83	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
89	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

90	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
113	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
114	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, August 6, 2025

Tuesday, July 22, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/22/2025 12:00 AM	0.0	8.3	20.2	0.0	0.1	0.1
7/22/2025 1:00 AM	0.0	8.6	20.9	0.0	0.0	0.1
7/22/2025 2:00 AM	0.0	8.8	23.2	0.1	1.0	0.9
7/22/2025 3:00 AM	0.0	8.7	22.4	0.4	1.5	1.1
7/22/2025 4:00 AM	0.0	8.7	22.7	0.9	1.7	0.7
7/22/2025 5:00 AM	0.0	8.6	21.9	1.4	3.3	1.8
7/22/2025 6:00 AM	0.0	8.4	21.1	2.9	4.4	1.5
7/22/2025 7:00 AM	0.0	6.1	13.1	0.6	1.4	0.7
7/22/2025 8:00 AM	0.0	6.3	13.1	0.4	0.9	0.5
7/22/2025 9:00 AM	0.0	6.3	12.7	0.1	0.2	0.0
7/22/2025 10:00 AM	0.0	6.2	12.2	0.1	0.1	0.0
7/22/2025 11:00 AM	0.0	6.2	12.9	0.2	0.3	0.0
7/22/2025 12:00 PM	0.0	8.0	16.1	0.2	0.6	0.4
7/22/2025 1:00 PM	0.0	6.7	14.3	0.0	-0.1	-0.2
7/22/2025 2:00 PM	0.0	4.9	10.8	0.1	-0.4	-0.5
7/22/2025 3:00 PM	0.0	4.5	13.0	0.0	-0.6	-0.7
7/22/2025 4:00 PM	0.0	4.3	10.2	0.0	-0.2	-0.3
7/22/2025 5:00 PM	0.0	4.5	10.8	0.2	2.8	2.6
7/22/2025 6:00 PM	0.0	4.7	11.4	0.3	3.1	2.8
7/22/2025 7:00 PM	0.0	4.8	10.1	0.0	1.7	1.7
7/22/2025 8:00 PM	0.0	4.8	10.4	0.6	4.4	3.7
7/22/2025 9:00 PM	0.0	4.6	10.9	0.0	1.5	1.5
7/22/2025 10:00 PM	0.0	5.0	12.7	0.0	2.4	2.4
7/22/2025 11:00 PM	0.0	5.6	15.8	0.3	3.4	3.0

Minimum	0.0	4.3	10.1	0.0	-0.6	-0.7
MinTime	12:00 AM	4:00 PM	7:00 PM	12:00 AM	3:00 PM	3:00 PM
Maximum	0.0	8.8	23.2	2.9	4.4	3.7
MaxTime	12:00 AM	2:00 AM	2:00 AM	6:00 AM	6:00 AM	8:00 PM
Daily Average	0.0	6.4	15.1	0.3	1.3	0.9
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, July 22, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, August 6, 2025

Wednesday, July 23, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/23/2025 12:00 AM	0.0	5.9	16.2	0.0	1.6	1.5
7/23/2025 1:00 AM	0.0	6.5	18.6	0.1	1.6	1.5
7/23/2025 2:00 AM	0.0	6.6	20.0	0.0	1.1	1.0
7/23/2025 3:00 AM	0.0	7.0	17.9	0.2	1.2	0.9
7/23/2025 4:00 AM	0.0	7.5	19.7	0.6	2.7	2.1
7/23/2025 5:00 AM	0.0	7.4	18.7	1.8	5.1	3.3
7/23/2025 6:00 AM	0.0	7.4	17.7	1.6	3.6	1.9
7/23/2025 7:00 AM	0.0	8.0	16.1	0.8	1.8	0.9
7/23/2025 8:00 AM	0.0	8.0	13.5	0.2	0.4	0.2
7/23/2025 9:00 AM	0.0	7.8	12.8	0.1	-0.1	-0.2
7/23/2025 10:00 AM	0.0	7.8	12.5	0.1	-0.1	-0.2
7/23/2025 11:00 AM	0.0	7.9	12.8	0.0	-0.4	-0.5
7/23/2025 12:00 PM	0.0	7.9	12.0	0.0	-0.8	-0.8
7/23/2025 1:00 PM	0.0	7.7	12.6	0.0	-1.0	-1.0
7/23/2025 2:00 PM	0.0	7.2	11.6	0.0	-0.9	-1.0
7/23/2025 3:00 PM	0.0	7.2	12.0	0.0	-0.7	-0.8
7/23/2025 4:00 PM	0.0	7.9	13.0	0.1	-0.5	-0.7
7/23/2025 5:00 PM	0.0	8.0	14.6	0.2	-0.5	-0.7
7/23/2025 6:00 PM	0.0	7.7	12.6	0.1	0.8	0.6
7/23/2025 7:00 PM	0.0	8.3	15.9	0.5	7.2	6.7
7/23/2025 8:00 PM	0.0	10.2	17.6	0.0	4.8	4.8
7/23/2025 9:00 PM	0.0	10.0	17.8	0.0	4.1	4.0
7/23/2025 10:00 PM	0.0	9.1	16.6	0.0	2.6	2.6
7/23/2025 11:00 PM	0.0	9.7	17.8	0.1	2.2	2.1

Minimum	0.0	5.9	11.6	0.0	-1.0	-1.0
MinTime	12:00 AM	12:00 AM	2:00 PM	12:00 AM	1:00 PM	1:00 PM
Maximum	0.0	10.2	20.0	1.8	7.2	6.7
MaxTime	12:00 AM	8:00 PM	2:00 AM	5:00 AM	7:00 PM	7:00 PM
Daily Average	0.0	7.8	15.4	0.2	1.4	1.1
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, July 23, 2025

No.	Time	Comments
1	12:00:00 AM	Site host reported mowing from 5 to 7pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, August 7, 2025

Thursday, July 24, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/24/2025 12:00 AM	0.0	10.0	17.8	0.0	1.6	1.7
7/24/2025 1:00 AM	0.0	9.7	17.3	0.0	1.1	1.1
7/24/2025 2:00 AM	0.0	10.0	17.8	0.0	0.8	0.8
7/24/2025 3:00 AM	0.0	10.2	18.6	0.0	1.0	1.0
7/24/2025 4:00 AM	0.0	10.4	17.8	0.0	1.8	1.8
7/24/2025 5:00 AM	0.0	10.6	17.2	0.2	3.2	3.0
7/24/2025 6:00 AM	0.0	10.7	18.2	1.1	4.9	3.8
7/24/2025 7:00 AM	0.0	11.0	17.1	0.8	2.8	1.9
7/24/2025 8:00 AM	0.0	11.0	18.0	0.5	1.3	0.8
7/24/2025 9:00 AM	0.0	10.7	17.2	0.0	-0.3	-0.4
7/24/2025 10:00 AM	0.0	10.4	16.7	0.0	-0.4	-0.4
7/24/2025 11:00 AM	0.0	9.5	15.0	0.1	-0.1	-0.3
7/24/2025 12:00 PM	0.0	9.5	14.7	0.0	-0.5	-0.6
7/24/2025 1:00 PM	0.0	9.0	15.6	0.1	0.0	-0.1
7/24/2025 2:00 PM	0.0	8.6	13.2	0.0	-0.7	-0.7
7/24/2025 3:00 PM	0.0	8.3	13.1	0.0	-0.2	-0.3
7/24/2025 4:00 PM	0.0	9.1	15.2	0.0	0.1	0.0
7/24/2025 5:00 PM	0.0	9.3	15.7	0.0	1.6	1.5
7/24/2025 6:00 PM	0.0	9.2	17.0	0.2	3.8	3.6
7/24/2025 7:00 PM	0.0	9.9	20.5	0.0	4.7	4.7
7/24/2025 8:00 PM	0.0	10.1	17.4	0.0	5.7	5.6
7/24/2025 9:00 PM	0.0	9.7	16.0	0.1	2.9	2.8
7/24/2025 10:00 PM	0.0	9.4	15.3	0.1	1.8	1.7
7/24/2025 11:00 PM	0.0	9.2	15.9	0.0	1.8	1.7

Minimum	0.0	8.3	13.1	0.0	-0.7	-0.7
MinTime	12:00 AM	3:00 PM	3:00 PM	12:00 AM	2:00 PM	2:00 PM
Maximum	0.0	11.0	20.5	1.1	5.7	5.6
MaxTime	12:00 AM	7:00 AM	7:00 PM	6:00 AM	8:00 PM	8:00 PM
Daily Average	0.0	9.8	16.5	0.1	1.6	1.4
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, July 24, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, August 7, 2025

Friday, July 25, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/25/2025 12:00 AM	0.0	9.0	16.3	0.0	1.9	1.8
7/25/2025 1:00 AM	0.0	8.6	15.7	0.0	2.0	2.0
7/25/2025 2:00 AM	0.0	8.8	16.1	0.1	2.2	2.1
7/25/2025 3:00 AM	0.0	8.8	15.5	0.0	2.4	2.3
7/25/2025 4:00 AM	0.0	8.4	15.7	0.1	1.7	1.5
7/25/2025 5:00 AM	8.0	9.0	15.3	0.2	1.7	1.5
7/25/2025 6:00 AM	0.0	9.3	16.1	0.8	2.6	1.7
7/25/2025 7:00 AM	0.0	9.0	16.6	0.9	2.1	1.1
7/25/2025 8:00 AM	0.0	8.3	14.5	0.4	0.6	0.1
7/25/2025 9:00 AM	0.0	8.3	14.3	0.1	-0.1	-0.2
7/25/2025 10:00 AM	0.0	8.2	14.8	0.0	-0.2	-0.3
7/25/2025 11:00 AM	0.0	8.0	14.3	0.1	-0.3	-0.4
7/25/2025 12:00 PM	0.0	7.9	14.1	0.0	-0.2	-0.3
7/25/2025 1:00 PM	0.0	7.6	13.4	0.2	0.3	0.0
7/25/2025 2:00 PM	0.0	6.9	11.9	0.0	-0.6	-0.6
7/25/2025 3:00 PM	0.0	6.3	11.3	0.0	-0.3	-0.3
7/25/2025 4:00 PM	0.0	6.4	11.7	0.3	1.1	0.8
7/25/2025 5:00 PM	0.0	6.4	11.5	0.1	0.1	0.0
7/25/2025 6:00 PM	0.0	6.5	11.8	0.3	3.9	3.6
7/25/2025 7:00 PM	0.0	6.9	13.6	0.0	3.0	2.9
7/25/2025 8:00 PM	0.0	7.6	13.5	0.0	4.6	4.5
7/25/2025 9:00 PM	0.0	7.2	13.5	0.0	2.8	2.7
7/25/2025 10:00 PM	0.0	7.7	14.0	0.1	1.8	1.6
7/25/2025 11:00 PM	0.0	7.0	12.6	0.0	0.6	0.5

Minimum	0.0	6.3	11.3	0.0	-0.6	-0.6
MinTime	12:00 AM	3:00 PM	3:00 PM	12:00 AM	2:00 PM	2:00 PM
Maximum	8.0	9.3	16.6	0.9	4.6	4.5
MaxTime	5:00 AM	6:00 AM	7:00 AM	7:00 AM	8:00 PM	8:00 PM
Daily Average	0.3	7.8	14.0	0.1	1.4	1.1
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, July 25, 2025

No.	Time	Comments
1	12:00:00 AM	There was a VOC spike starting around 5:25am. Highest reading was 28.2 at 5:35am.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, August 8, 2025

Saturday, July 26, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/26/2025 12:00 AM	0.0	5.5	10.5	0.0	-0.7	-0.6
7/26/2025 1:00 AM	0.0	5.5	11.2	0.0	-0.3	-0.3
7/26/2025 2:00 AM	0.0	6.0	11.7	0.0	-0.5	-0.5
7/26/2025 3:00 AM	0.0	6.2	12.0	0.0	-0.3	-0.3
7/26/2025 4:00 AM	0.0	6.0	12.5	0.1	-0.3	-0.4
7/26/2025 5:00 AM	0.0	6.0	12.0	0.2	0.7	0.5
7/26/2025 6:00 AM	0.0	5.8	12.0	0.9	1.8	0.8
7/26/2025 7:00 AM	0.0	5.5	11.5	0.8	0.6	-0.1
7/26/2025 8:00 AM	0.0	4.3	8.5	0.1	-0.6	-0.8
7/26/2025 9:00 AM	0.0	3.8	7.8	0.0	-1.0	-1.0
7/26/2025 10:00 AM	0.0	3.6	7.9	0.0	-0.9	-0.9
7/26/2025 11:00 AM	0.0	3.5	8.6	0.0	-0.6	-0.7
7/26/2025 12:00 PM	40.0	6.7	17.0	0.0	-1.0	-1.0
7/26/2025 1:00 PM	0.0	3.3	8.2	0.0	-1.2	-1.1
7/26/2025 2:00 PM	0.0	3.3	6.7	0.0	-0.8	-0.9
7/26/2025 3:00 PM	0.0	3.3	8.0	0.0	-1.0	-1.1
7/26/2025 4:00 PM	0.0	3.4	8.1	0.0	-1.0	-1.0
7/26/2025 5:00 PM	0.0	3.5	8.0	0.0	-1.0	-1.0
7/26/2025 6:00 PM	0.0	3.5	8.8	0.2	2.1	1.9
7/26/2025 7:00 PM	0.0	4.4	12.4	0.0	3.2	3.2
7/26/2025 8:00 PM	0.0	4.1	11.0	0.1	5.5	5.4
7/26/2025 9:00 PM	0.0	4.2	11.4	0.0	3.3	3.2
7/26/2025 10:00 PM	0.0	4.3	9.9	0.0	1.4	1.4
7/26/2025 11:00 PM	0.0	4.6	10.0	0.0	0.4	0.4

Minimum	0.0	3.3	6.7	0.0	-1.2	-1.1
MinTime	12:00 AM	1:00 PM	2:00 PM	12:00 AM	1:00 PM	1:00 PM
Maximum	40.0	6.7	17.0	0.9	5.5	5.4
MaxTime	12:00 PM	12:00 PM	12:00 PM	6:00 AM	8:00 PM	8:00 PM
Daily Average	1.6	4.5	10.2	0.1	0.3	0.2
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, July 26, 2025

No.	Time	Comments
1	12:00:00 AM	Large VOC and PM spikes saround 12:45pm. Highest VOC was 814.6 at 12:45PM. Highest PM2.5 52.4 and PM10 148.4 were at 12:47PM.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, August 8, 2025

Sunday, July 27, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/27/2025 12:00 AM	0.0	4.1	9.1	0.0	-0.1	-0.1
7/27/2025 1:00 AM	0.0	3.8	8.8	0.0	-0.4	-0.3
7/27/2025 2:00 AM	0.0	3.8	9.7	0.0	-0.1	-0.1
7/27/2025 3:00 AM	0.0	4.0	9.4	0.0	-0.4	-0.3
7/27/2025 4:00 AM	0.0	4.2	9.6	0.0	-0.1	-0.2
7/27/2025 5:00 AM	0.0	4.4	10.7	0.0	0.0	0.0
7/27/2025 6:00 AM	0.0	3.9	8.9	0.1	-0.3	-0.4
7/27/2025 7:00 AM	0.0	3.8	8.3	0.1	-0.3	-0.5
7/27/2025 8:00 AM	0.0	3.8	7.8	0.0	-1.0	-1.0
7/27/2025 9:00 AM	0.0	3.8	8.1	0.0	-1.1	-1.1
7/27/2025 10:00 AM	0.0	3.6	7.4	0.1	-0.8	-0.9
7/27/2025 11:00 AM	0.0	3.2	6.4	0.0	-0.8	-0.8
7/27/2025 12:00 PM	0.0	3.6	8.9	0.1	-0.5	-0.6
7/27/2025 1:00 PM	0.0	3.1	8.3	0.1	-0.8	-0.9
7/27/2025 2:00 PM	0.0	3.0	6.3	0.0	-1.0	-1.0
7/27/2025 3:00 PM	0.0	3.3	6.4	0.0	-0.9	-1.0
7/27/2025 4:00 PM	0.0	3.2	6.6	0.0	-1.1	-1.2
7/27/2025 5:00 PM	0.0	3.4	7.6	0.0	-0.7	-0.8
7/27/2025 6:00 PM	0.0	3.5	8.1	0.1	0.5	0.3
7/27/2025 7:00 PM	0.0	3.8	10.0	0.3	3.7	3.3
7/27/2025 8:00 PM	0.0	4.0	9.6	0.4	4.9	4.4
7/27/2025 9:00 PM	0.0	3.5	8.0	0.4	2.4	2.0
7/27/2025 10:00 PM	0.0	2.9	6.7	0.0	1.0	1.0
7/27/2025 11:00 PM	0.0	3.3	8.6	0.1	3.4	3.2

Minimum	0.0	2.9	6.3	0.0	-1.1	-1.2
MinTime	12:00 AM	10:00 PM	2:00 PM	12:00 AM	9:00 AM	4:00 PM
Maximum	0.0	4.4	10.7	0.4	4.9	4.4
MaxTime	12:00 AM	5:00 AM	5:00 AM	8:00 PM	8:00 PM	8:00 PM
Daily Average	0.0	3.6	8.3	0.0	0.2	0.1
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, July 27, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Saturday, August 9, 2025

Monday, July 28, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/28/2025 12:00 AM	0.0	3.3	8.3	0.1	1.6	1.5
7/28/2025 1:00 AM	0.0	3.7	9.3	0.0	1.7	1.6
7/28/2025 2:00 AM	0.0	3.8	10.2	0.0	2.2	2.1
7/28/2025 3:00 AM	0.0	4.0	11.6	#N/A	#N/A	#N/A
7/28/2025 4:00 AM	0.0	3.8	9.2	0.7	3.5	2.8
7/28/2025 5:00 AM	0.0	3.7	9.7	#N/A	#N/A	#N/A
7/28/2025 6:00 AM	0.0	3.6	8.7	3.2	5.7	2.5
7/28/2025 7:00 AM	0.0	3.9	10.3	2.3	4.0	1.6
7/28/2025 8:00 AM	0.0	3.5	8.4	1.7	3.2	1.4
7/28/2025 9:00 AM	0.0	3.4	8.0	0.7	1.2	0.5
7/28/2025 10:00 AM	0.0	3.1	6.6	0.0	-0.5	-0.6
7/28/2025 11:00 AM	0.0	2.9	5.6	0.1	-0.7	-0.8
7/28/2025 12:00 PM	0.0	3.1	6.6	0.1	-0.9	-1.0
7/28/2025 1:00 PM	0.0	3.3	9.5	0.3	0.2	-0.1
7/28/2025 2:00 PM	0.0	2.4	10.0	0.1	0.0	-0.1
7/28/2025 3:00 PM	0.0	2.1	5.6	0.2	0.2	0.0
7/28/2025 4:00 PM	0.0	2.6	5.8	0.2	1.0	0.8
7/28/2025 5:00 PM	0.0	3.0	5.4	0.1	0.4	0.3
7/28/2025 6:00 PM	0.0	2.6	5.4	0.1	0.5	0.3
7/28/2025 7:00 PM	0.0	2.8	7.1	0.0	0.8	0.8
7/28/2025 8:00 PM	0.0	2.9	8.3	0.1	2.6	2.4
7/28/2025 9:00 PM	0.0	3.0	7.8	0.1	2.8	2.7
7/28/2025 10:00 PM	0.0	3.0	8.7	0.1	1.6	1.5
7/28/2025 11:00 PM	0.0	3.3	8.8	0.1	1.1	1.0

Minimum	0.0	2.1	5.4	0.0	-0.9	-1.0
MinTime	12:00 AM	3:00 PM	5:00 PM	1:00 AM	12:00 PM	12:00 PM
Maximum	0.0	4.0	11.6	3.2	5.7	2.8
MaxTime	12:00 AM	3:00 AM	3:00 AM	6:00 AM	6:00 AM	4:00 AM
Daily Average	0.0	3.2	8.1	0.4	1.4	0.9
Number	24	24	24	22	22	22
Data Hourly (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, July 28, 2025

No.	Time	Comments
1	12:00:00 AM	There were two calibration sequences, however, we still exceed the required 75% completeness threshold.
2	12:01:00 AM	Site host reported mowing at 12:55 pm. Asphalt plant was running.
3	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
4	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
42	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,

43	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
44	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
57	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
58	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
59	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
68	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
69	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
83	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
89	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

90	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
113	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
114	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
122	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Saturday, August 9, 2025

Tuesday, July 29, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/29/2025 12:00 AM	0.0	3.6	9.6	0.0	0.1	0.0
7/29/2025 1:00 AM	0.0	3.6	9.1	0.0	-0.3	-0.3
7/29/2025 2:00 AM	0.0	3.7	10.1	0.0	0.0	-0.1
7/29/2025 3:00 AM	0.0	3.9	12.0	0.8	1.9	1.0
7/29/2025 4:00 AM	0.0	4.2	10.1	1.2	2.8	1.6
7/29/2025 5:00 AM	0.0	4.4	13.1	1.6	3.4	1.7
7/29/2025 6:00 AM	0.0	4.6	15.3	3.6	5.1	1.4
7/29/2025 7:00 AM	0.0	4.0	9.6	1.3	1.4	0.0
7/29/2025 8:00 AM	0.0	3.8	9.7	#N/A	#N/A	#N/A
7/29/2025 9:00 AM	0.0	3.5	7.6	#N/A	#N/A	#N/A
7/29/2025 10:00 AM	0.0	3.5	7.5	#N/A	#N/A	#N/A
7/29/2025 11:00 AM	0.0	3.8	8.0	0.0	0.0	-0.1
7/29/2025 12:00 PM	0.0	#N/A	#N/A	0.1	0.5	0.3
7/29/2025 1:00 PM	#N/A	4.0	8.7	0.1	0.3	0.1
7/29/2025 2:00 PM	0.4	4.2	9.4	0.0	-0.1	-0.1
7/29/2025 3:00 PM	0.0	5.1	9.9	0.1	0.1	0.0
7/29/2025 4:00 PM	0.0	6.2	10.7	0.1	0.8	0.7
7/29/2025 5:00 PM	0.0	6.7	11.2	0.1	1.8	1.7
7/29/2025 6:00 PM	0.0	7.2	12.4	0.0	1.9	2.0
7/29/2025 7:00 PM	0.0	5.1	10.1	0.0	2.3	2.2
7/29/2025 8:00 PM	0.0	5.2	11.1	0.0	3.4	3.3
7/29/2025 9:00 PM	0.0	6.7	12.5	0.0	2.9	2.9
7/29/2025 10:00 PM	0.0	6.4	12.3	0.0	2.2	2.2
7/29/2025 11:00 PM	0.0	6.1	11.5	0.0	1.5	1.5

Minimum	0.0	3.5	7.5	0.0	-0.3	-0.3
MinTime	12:00 AM	9:00 AM	10:00 AM	12:00 AM	1:00 AM	1:00 AM
Maximum	0.4	7.2	15.3	3.6	5.1	3.3
MaxTime	2:00 PM	6:00 PM	6:00 AM	6:00 AM	6:00 AM	8:00 PM
Daily Average	0.0	4.7	10.5	0.4	1.5	1.0
Number	23	23	23	21	21	21
Data Hourly (%)	95.83%	95.83%	95.83%	87.50%	87.50%	87.50%
Data Minute (%)	98.47%	96.88%	96.88%	90.21%	90.21%	90.28%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, July 29, 2025

No.	Time	Comments
1	12:00:00 AM	Project co-manager Mark Barker performed routine maintenance which caused some anomalous readings. However, we still met the required 75% completeness for all pollutant data measured.
2	8:23:00 AM	NO: ND <Samp, NOX: ND <Samp,
3	8:24:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
4	8:25:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
5	8:26:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
6	8:27:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
7	8:28:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
8	8:29:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
9	8:30:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
10	8:31:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
11	8:32:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
12	8:33:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
13	8:34:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
14	8:35:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
15	8:36:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
16	8:37:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
17	8:38:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
18	8:39:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
19	8:40:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
20	8:41:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
21	8:42:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
22	8:43:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
23	8:44:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
24	8:45:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
25	8:46:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
26	8:47:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
27	8:48:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
28	8:49:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
29	8:50:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
30	8:51:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
31	8:52:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
32	8:53:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
33	8:54:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
34	8:55:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
35	8:56:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
36	8:57:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
37	8:58:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
38	8:59:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
39	9:00:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
40	9:01:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
41	9:02:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,

42	9:03:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
43	9:04:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
44	9:05:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
45	9:06:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
46	9:07:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
47	9:08:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
48	9:09:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
49	9:10:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
50	9:11:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
51	9:12:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
52	9:13:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
53	9:14:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
54	9:15:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
55	9:16:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
56	9:17:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
57	9:18:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
58	9:19:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
59	9:20:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
60	9:21:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
61	9:22:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
62	9:23:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
63	9:24:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
64	9:25:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
65	9:26:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
66	9:27:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
67	9:28:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
68	9:29:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
69	9:30:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
70	9:31:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
71	9:32:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
72	9:33:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
73	9:34:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
74	9:35:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
75	9:36:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
76	9:37:00 AM	NO: ND InVld, NOX: ND InVld, NO2: ND InVld,
77	9:38:00 AM	NO: ND <Samp, NOX: ND InVld, NO2: ND InVld,
78	9:45:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
79	9:46:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
80	9:47:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
81	9:48:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
82	9:49:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
83	9:50:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	9:51:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	9:52:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	9:53:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	9:54:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	9:55:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

89	9:56:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
90	9:57:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	9:58:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	9:59:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	10:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	10:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	10:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	10:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	10:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	10:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	10:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	10:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	10:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	10:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	10:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	10:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	10:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	10:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	10:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	10:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	10:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	10:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	10:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	10:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
113	10:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
114	10:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
115	10:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
116	10:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
117	10:24:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
118	10:25:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
119	10:26:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
120	10:27:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
121	10:28:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
122	10:29:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
123	10:30:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
124	10:31:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
125	10:32:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
126	10:33:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
127	10:34:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
128	10:35:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
129	10:36:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
130	10:37:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
131	10:38:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
132	10:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
133	10:40:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
134	10:41:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
135	10:42:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,

136	10:43:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
137	10:44:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
138	10:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
139	10:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
140	10:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
141	10:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
142	10:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
143	12:09:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
144	12:10:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
145	12:11:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
146	12:12:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
147	12:13:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
148	12:14:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
149	12:15:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
150	12:16:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
151	12:17:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
152	12:18:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
153	12:19:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
154	12:20:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
155	12:21:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
156	12:22:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
157	12:23:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
158	12:24:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
159	12:25:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
160	12:26:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
161	12:27:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
162	12:28:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
163	12:29:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
164	12:30:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
165	12:31:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
166	12:32:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
167	12:33:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
168	12:34:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
169	12:35:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
170	12:36:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
171	12:37:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
172	12:38:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
173	12:39:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
174	12:40:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
175	12:41:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
176	12:42:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
177	12:43:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
178	12:44:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
179	12:45:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
180	12:46:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
181	12:47:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
182	12:48:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,

183	12:49:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
184	12:50:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
185	12:51:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
186	12:52:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
187	12:53:00 PM	PM2.5: ND <Samp, PM10: ND <Samp,
188	1:01:00 PM	VOC: ND Service,
189	1:02:00 PM	VOC: ND Service,
190	1:03:00 PM	VOC: ND Service,
191	1:04:00 PM	VOC: ND Service,
192	1:05:00 PM	VOC: ND Service,
193	1:06:00 PM	VOC: ND Service,
194	1:07:00 PM	VOC: ND Service,
195	1:08:00 PM	VOC: ND Service,
196	1:09:00 PM	VOC: ND Service,
197	1:10:00 PM	VOC: ND Service,
198	1:11:00 PM	VOC: ND Service,
199	1:12:00 PM	VOC: ND Service,
200	1:13:00 PM	VOC: ND Service,
201	1:14:00 PM	VOC: ND Service,
202	1:15:00 PM	VOC: ND Service,
203	1:16:00 PM	VOC: ND Service,
204	1:17:00 PM	VOC: ND Service,
205	1:18:00 PM	VOC: ND Service,
206	1:19:00 PM	VOC: ND Service,
207	1:20:00 PM	VOC: ND Service,
208	1:21:00 PM	VOC: ND Service,
209	1:22:00 PM	VOC: ND Service,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Saturday, August 9, 2025

Wednesday, July 30, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/30/2025 12:00 AM	0.0	6.1	12.4	0.0	1.0	1.0
7/30/2025 1:00 AM	0.0	5.8	12.7	0.0	0.5	0.5
7/30/2025 2:00 AM	0.0	5.4	11.7	0.0	0.0	0.0
7/30/2025 3:00 AM	0.0	5.3	11.8	0.1	0.4	0.3
7/30/2025 4:00 AM	0.0	5.3	11.4	0.2	1.0	0.7
7/30/2025 5:00 AM	0.0	5.1	10.6	0.5	1.5	0.9
7/30/2025 6:00 AM	0.0	5.3	14.4	2.5	5.5	3.0
7/30/2025 7:00 AM	0.0	4.7	10.6	1.7	2.8	1.1
7/30/2025 8:00 AM	0.0	4.5	10.0	0.5	0.3	-0.1
7/30/2025 9:00 AM	0.0	4.2	8.7	0.0	-1.0	-1.0
7/30/2025 10:00 AM	0.0	4.0	8.8	0.0	-0.8	-0.8
7/30/2025 11:00 AM	0.0	3.9	9.2	0.0	-0.5	-0.6
7/30/2025 12:00 PM	0.0	3.9	8.4	0.1	-0.5	-0.6
7/30/2025 1:00 PM	0.0	4.2	8.4	0.0	-0.4	-0.5
7/30/2025 2:00 PM	0.0	4.4	13.9	0.1	0.5	0.3
7/30/2025 3:00 PM	0.0	2.7	7.8	0.0	1.0	0.9
7/30/2025 4:00 PM	0.0	3.2	8.2	0.2	1.8	1.5
7/30/2025 5:00 PM	0.0	3.2	8.0	0.4	2.8	2.4
7/30/2025 6:00 PM	0.0	3.2	8.5	0.0	2.1	2.0
7/30/2025 7:00 PM	0.0	3.9	12.2	0.0	2.7	2.7
7/30/2025 8:00 PM	0.0	4.1	13.7	0.3	4.1	3.8
7/30/2025 9:00 PM	0.0	3.8	12.6	0.2	2.8	2.5
7/30/2025 10:00 PM	0.0	3.6	10.3	0.0	1.1	1.0
7/30/2025 11:00 PM	0.0	3.9	14.1	0.2	1.8	1.6

Minimum	0.0	2.7	7.8	0.0	-1.0	-1.0
MinTime	12:00 AM	3:00 PM	3:00 PM	12:00 AM	9:00 AM	9:00 AM
Maximum	0.0	6.1	14.4	2.5	5.5	3.8
MaxTime	12:00 AM	12:00 AM	6:00 AM	6:00 AM	6:00 AM	8:00 PM
Daily Average	0.0	4.3	10.7	0.2	1.2	0.9
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, July 30, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Sunday, August 10, 2025

Thursday, July 31, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
7/31/2025 12:00 AM	0.0	4.2	11.8	0.1	1.4	1.2
7/31/2025 1:00 AM	0.0	4.3	13.4	0.3	1.0	0.6
7/31/2025 2:00 AM	0.0	4.6	15.0	0.4	1.0	0.5
7/31/2025 3:00 AM	0.0	4.9	15.2	2.0	2.5	0.5
7/31/2025 4:00 AM	0.0	4.8	16.0	1.1	2.0	0.9
7/31/2025 5:00 AM	0.0	4.6	14.6	0.9	2.9	1.9
7/31/2025 6:00 AM	0.0	4.8	15.1	2.0	4.3	2.2
7/31/2025 7:00 AM	0.0	4.3	13.5	2.0	3.3	1.2
7/31/2025 8:00 AM	0.0	4.2	12.9	1.9	3.0	1.0
7/31/2025 9:00 AM	0.0	3.7	8.8	0.5	0.5	0.0
7/31/2025 10:00 AM	0.0	3.8	8.4	0.2	0.0	-0.3
7/31/2025 11:00 AM	0.0	3.8	8.5	0.2	0.0	-0.2
7/31/2025 12:00 PM	0.0	3.5	6.8	0.0	-0.9	-0.9
7/31/2025 1:00 PM	0.0	3.5	11.4	0.0	-0.7	-0.7
7/31/2025 2:00 PM	0.0	3.8	9.9	0.0	-0.5	-0.6
7/31/2025 3:00 PM	0.0	3.9	7.6	0.0	-0.7	-0.8
7/31/2025 4:00 PM	0.0	4.2	8.1	0.1	-0.2	-0.3
7/31/2025 5:00 PM	0.0	4.1	8.5	0.0	-0.7	-0.7
7/31/2025 6:00 PM	0.0	4.9	14.3	0.2	3.6	3.4
7/31/2025 7:00 PM	0.0	5.0	10.9	0.1	3.8	3.7
7/31/2025 8:00 PM	0.0	5.0	10.9	0.1	3.9	3.7
7/31/2025 9:00 PM	0.0	5.4	11.2	0.0	2.9	2.8
7/31/2025 10:00 PM	0.0	5.6	11.8	0.1	1.4	1.2
7/31/2025 11:00 PM	0.0	5.7	10.4	0.0	0.1	0.1

Minimum	0.0	3.5	6.8	0.0	-0.9	-0.9
MinTime	12:00 AM	12:00 PM	12:00 PM	12:00 PM	12:00 PM	12:00 PM
Maximum	0.0	5.7	16.0	2.0	4.3	3.7
MaxTime	12:00 AM	11:00 PM	4:00 AM	3:00 AM	6:00 AM	7:00 PM
Daily Average	0.0	4.4	11.4	0.5	1.4	0.8
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, July 31, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, August 13, 2025

Friday, August 1, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/1/2025 12:00 AM	0.0	5.4	9.5	0.0	-0.1	-0.1
8/1/2025 1:00 AM	0.0	5.6	10.1	0.0	0.6	0.6
8/1/2025 2:00 AM	0.0	5.7	11.6	0.0	0.6	0.6
8/1/2025 3:00 AM	0.0	5.9	11.2	0.0	0.4	0.4
8/1/2025 4:00 AM	0.0	6.0	11.8	0.1	1.7	1.5
8/1/2025 5:00 AM	0.0	6.3	13.0	0.1	2.7	2.5
8/1/2025 6:00 AM	0.0	6.5	13.3	0.5	4.0	3.4
8/1/2025 7:00 AM	0.0	5.8	10.3	0.1	0.5	0.3
8/1/2025 8:00 AM	0.0	5.8	13.7	0.1	0.1	0.0
8/1/2025 9:00 AM	0.0	5.2	10.9	0.1	-0.1	-0.3
8/1/2025 10:00 AM	0.0	5.1	9.6	0.0	-0.5	-0.6
8/1/2025 11:00 AM	0.0	4.6	8.9	0.0	-0.7	-0.8
8/1/2025 12:00 PM	0.0	5.3	12.0	0.0	-0.7	-0.8
8/1/2025 1:00 PM	0.0	5.6	15.9	0.0	-0.6	-0.7
8/1/2025 2:00 PM	0.5	4.2	12.3	0.7	1.1	0.3
8/1/2025 3:00 PM	0.0	3.2	7.5	0.1	0.0	-0.1
8/1/2025 4:00 PM	0.0	2.8	6.1	0.2	0.0	-0.2
8/1/2025 5:00 PM	0.0	3.2	7.2	0.3	0.8	0.5
8/1/2025 6:00 PM	0.0	4.1	8.1	0.2	0.2	0.0
8/1/2025 7:00 PM	0.0	5.2	9.1	0.0	0.5	0.4
8/1/2025 8:00 PM	0.0	6.2	11.6	0.0	0.2	0.2
8/1/2025 9:00 PM	0.0	6.3	10.4	0.0	0.4	0.4
8/1/2025 10:00 PM	0.0	5.8	10.6	0.0	0.4	0.3
8/1/2025 11:00 PM	0.0	5.0	9.3	0.0	0.2	0.2

Minimum	0.0	2.8	6.1	0.0	-0.7	-0.8
MinTime	12:00 AM	4:00 PM	4:00 PM	12:00 AM	11:00 AM	11:00 AM
Maximum	0.5	6.5	15.9	0.7	4.0	3.4
MaxTime	2:00 PM	6:00 AM	1:00 PM	2:00 PM	6:00 AM	6:00 AM
Daily Average	0.0	5.2	10.5	0.1	0.4	0.3
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, August 01, 2025

No.	Time	Comments
1	12:00:00 AM	Security camera detected mowing near the trailer from 2:27 to 2:35pm. Site host reported that asphalt plant was running and that there were odors.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, August 14, 2025

Saturday, August 2, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/2/2025 12:00 AM	0.0	5.0	9.3	0.0	0.3	0.3
8/2/2025 1:00 AM	0.0	5.1	10.0	0.0	0.5	0.5
8/2/2025 2:00 AM	0.0	5.1	9.7	0.0	0.6	0.6
8/2/2025 3:00 AM	0.0	5.1	10.4	0.0	0.5	0.4
8/2/2025 4:00 AM	0.0	5.0	9.5	0.0	0.3	0.3
8/2/2025 5:00 AM	0.0	5.1	10.8	0.0	1.0	0.9
8/2/2025 6:00 AM	0.0	5.3	11.4	0.4	1.6	1.2
8/2/2025 7:00 AM	0.0	5.3	11.3	0.9	2.8	1.9
8/2/2025 8:00 AM	0.0	4.3	9.5	0.9	2.0	1.0
8/2/2025 9:00 AM	0.0	1.9	4.7	0.3	-0.3	-0.7
8/2/2025 10:00 AM	0.0	0.9	3.5	0.3	-0.6	-0.9
8/2/2025 11:00 AM	0.0	0.6	1.9	0.2	-0.4	-0.6
8/2/2025 12:00 PM	0.0	0.5	1.9	0.1	-0.7	-0.9
8/2/2025 1:00 PM	0.0	0.9	2.0	0.1	-0.8	-1.0
8/2/2025 2:00 PM	0.0	1.5	3.5	0.1	-0.3	-0.5
8/2/2025 3:00 PM	0.0	2.1	7.4	0.3	0.3	0.0
8/2/2025 4:00 PM	0.0	1.8	5.2	0.1	-0.3	-0.5
8/2/2025 5:00 PM	0.0	1.5	5.5	0.3	0.4	0.1
8/2/2025 6:00 PM	0.0	1.4	4.3	0.2	1.3	1.0
8/2/2025 7:00 PM	0.0	1.6	6.0	0.5	2.7	2.1
8/2/2025 8:00 PM	0.0	1.6	6.4	0.2	1.7	1.4
8/2/2025 9:00 PM	0.0	2.1	9.0	0.1	1.2	1.1
8/2/2025 10:00 PM	0.0	2.2	7.9	0.0	1.0	0.9
8/2/2025 11:00 PM	0.0	2.4	8.2	0.0	-0.1	-0.1

Minimum	0.0	0.5	1.9	0.0	-0.8	-1.0
MinTime	12:00 AM	12:00 PM	11:00 AM	12:00 AM	1:00 PM	1:00 PM
Maximum	0.0	5.3	11.4	0.9	2.8	2.1
MaxTime	12:00 AM	6:00 AM	6:00 AM	7:00 AM	7:00 AM	7:00 PM
Daily Average	0.0	2.8	7.0	0.2	0.6	0.3
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, August 02, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, August 14, 2025

Sunday, August 3, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/3/2025 12:00 AM	0.0	2.6	9.6	0.1	0.0	0.0
8/3/2025 1:00 AM	0.0	2.6	9.4	0.0	-0.1	-0.2
8/3/2025 2:00 AM	0.0	2.5	8.0	0.0	-0.3	-0.3
8/3/2025 3:00 AM	0.0	2.6	9.0	0.0	-0.7	-0.7
8/3/2025 4:00 AM	0.0	2.5	7.4	0.0	-0.2	-0.3
8/3/2025 5:00 AM	0.0	2.6	8.4	0.0	-0.6	-0.7
8/3/2025 6:00 AM	0.0	2.5	6.3	0.0	-0.1	-0.1
8/3/2025 7:00 AM	0.0	2.5	4.6	0.0	-0.3	-0.4
8/3/2025 8:00 AM	0.0	2.2	4.7	0.0	-0.9	-0.9
8/3/2025 9:00 AM	0.0	2.7	4.5	0.0	-1.1	-1.1
8/3/2025 10:00 AM	0.0	4.7	7.8	0.0	-0.9	-1.0
8/3/2025 11:00 AM	0.0	5.7	9.5	0.1	-0.7	-0.9
8/3/2025 12:00 PM	0.0	5.6	9.4	0.1	-0.8	-0.9
8/3/2025 1:00 PM	0.0	5.6	8.9	0.0	-1.0	-1.0
8/3/2025 2:00 PM	0.0	6.2	9.8	0.0	-1.1	-1.1
8/3/2025 3:00 PM	0.0	6.7	9.8	0.0	-1.0	-1.1
8/3/2025 4:00 PM	0.0	6.9	10.3	0.0	-1.1	-1.1
8/3/2025 5:00 PM	0.0	6.9	11.3	0.0	-0.9	-1.0
8/3/2025 6:00 PM	0.0	6.6	10.4	0.0	-0.8	-0.8
8/3/2025 7:00 PM	0.0	5.6	9.0	0.0	-0.6	-0.7
8/3/2025 8:00 PM	0.0	5.5	8.7	0.0	-1.0	-0.9
8/3/2025 9:00 PM	0.0	5.7	9.7	0.0	0.8	0.7
8/3/2025 10:00 PM	0.0	5.9	11.6	0.0	0.5	0.5
8/3/2025 11:00 PM	0.0	6.3	10.5	0.0	0.2	0.2

Minimum	0.0	2.2	4.5	0.0	-1.1	-1.1
MinTime	12:00 AM	8:00 AM	9:00 AM	1:00 AM	9:00 AM	9:00 AM
Maximum	0.0	6.9	11.6	0.1	0.8	0.7
MaxTime	12:00 AM	4:00 PM	10:00 PM	12:00 AM	9:00 PM	9:00 PM
Daily Average	0.0	4.5	8.6	0.0	-0.5	-0.5
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, August 03, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, August 15, 2025

Monday, August 4, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/4/2025 12:00 AM	0.0	6.1	12.1	0.0	-0.2	-0.1
8/4/2025 1:00 AM	0.0	6.2	12.6	0.0	0.0	0.0
8/4/2025 2:00 AM	0.0	6.3	13.4	0.0	0.0	0.0
8/4/2025 3:00 AM	0.0	6.4	13.3	#N/A	#N/A	#N/A
8/4/2025 4:00 AM	0.0	6.3	12.8	0.0	1.0	1.0
8/4/2025 5:00 AM	0.0	6.3	12.8	#N/A	#N/A	#N/A
8/4/2025 6:00 AM	0.0	6.3	13.6	0.6	2.1	1.5
8/4/2025 7:00 AM	0.0	6.4	12.6	0.8	2.4	1.6
8/4/2025 8:00 AM	0.0	6.2	11.1	0.2	0.0	-0.2
8/4/2025 9:00 AM	0.0	5.7	9.8	0.0	-0.7	-0.8
8/4/2025 10:00 AM	0.0	5.5	9.7	0.0	-0.8	-0.9
8/4/2025 11:00 AM	0.0	5.4	9.9	0.0	-1.0	-1.0
8/4/2025 12:00 PM	0.0	5.2	9.9	0.0	-0.7	-0.8
8/4/2025 1:00 PM	0.0	5.2	12.4	0.1	-0.4	-0.6
8/4/2025 2:00 PM	0.0	4.3	9.3	0.0	-0.8	-0.8
8/4/2025 3:00 PM	0.0	5.0	9.9	0.1	-0.5	-0.7
8/4/2025 4:00 PM	0.0	5.4	10.0	0.0	-0.2	-0.3
8/4/2025 5:00 PM	0.0	5.6	10.8	0.1	0.6	0.5
8/4/2025 6:00 PM	0.0	6.0	10.8	0.0	1.2	1.2
8/4/2025 7:00 PM	0.0	5.6	10.0	0.2	1.6	1.4
8/4/2025 8:00 PM	0.0	5.1	9.5	0.0	0.7	0.6
8/4/2025 9:00 PM	0.0	4.9	10.0	0.0	0.5	0.4
8/4/2025 10:00 PM	0.0	6.0	11.6	0.0	0.3	0.3
8/4/2025 11:00 PM	0.0	5.8	11.6	0.0	0.0	0.0

Minimum	0.0	4.3	9.3	0.0	-1.0	-1.0
MinTime	12:00 AM	2:00 PM	2:00 PM	12:00 AM	11:00 AM	11:00 AM
Maximum	0.0	6.4	13.6	0.8	2.4	1.6
MaxTime	12:00 AM	3:00 AM	6:00 AM	7:00 AM	7:00 AM	7:00 AM
Daily Average	0.0	5.7	11.2	0.0	0.2	0.1
Number	24	24	24	22	22	22
Data Hourly (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, August 04, 2025

No.	Time	Comments
1	12:00:00 AM	There were two sequences of calibration, but we exceed the required 75% threshold. Site host reported that the asphalt plant was running, he smelled smoke and burning rubber at 2:30pm.
2	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
3	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
4	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,

42	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
43	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
44	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
57	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
58	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
59	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
68	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
69	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
83	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

89	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
90	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
113	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
114	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Saturday, August 16, 2025

Tuesday, August 5, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/5/2025 12:00 AM	0.0	5.2	11.4	0.0	0.1	0.0
8/5/2025 1:00 AM	0.0	5.3	11.5	0.1	0.3	0.2
8/5/2025 2:00 AM	0.0	5.0	11.7	0.2	1.0	0.8
8/5/2025 3:00 AM	0.0	4.8	12.1	0.4	2.6	2.1
8/5/2025 4:00 AM	0.0	4.1	9.2	0.1	1.3	1.2
8/5/2025 5:00 AM	0.0	4.3	10.6	0.7	2.2	1.5
8/5/2025 6:00 AM	0.0	4.5	11.4	1.6	3.4	1.8
8/5/2025 7:00 AM	0.0	3.7	8.7	1.4	2.7	1.2
8/5/2025 8:00 AM	0.0	3.0	6.4	0.9	1.4	0.5
8/5/2025 9:00 AM	0.0	2.5	5.2	0.1	-0.6	-0.7
8/5/2025 10:00 AM	0.0	2.3	4.9	0.1	-0.4	-0.6
8/5/2025 11:00 AM	0.0	2.5	4.6	0.0	-0.4	-0.5
8/5/2025 12:00 PM	0.0	2.2	4.0	0.0	-0.7	-0.8
8/5/2025 1:00 PM	0.0	2.1	4.6	0.0	-0.8	-0.9
8/5/2025 2:00 PM	0.0	2.5	6.1	0.0	0.1	0.0
8/5/2025 3:00 PM	0.0	2.7	6.6	0.4	3.3	2.8
8/5/2025 4:00 PM	0.0	2.5	5.5	0.1	0.7	0.5
8/5/2025 5:00 PM	0.2	2.9	6.2	0.2	0.1	0.0
8/5/2025 6:00 PM	0.0	2.6	5.8	0.0	-0.6	-0.7
8/5/2025 7:00 PM	0.0	2.6	5.4	0.3	1.5	1.1
8/5/2025 8:00 PM	0.0	2.9	6.8	0.0	0.6	0.6
8/5/2025 9:00 PM	0.0	2.9	7.4	0.4	2.1	1.7
8/5/2025 10:00 PM	0.0	3.2	8.4	0.0	0.5	0.4
8/5/2025 11:00 PM	0.0	3.3	8.4	0.4	1.3	0.8

Minimum	0.0	2.1	4.0	0.0	-0.8	-0.9
MinTime	12:00 AM	1:00 PM	12:00 PM	12:00 AM	1:00 PM	1:00 PM
Maximum	0.2	5.3	12.1	1.6	3.4	2.8
MaxTime	5:00 PM	1:00 AM	3:00 AM	6:00 AM	6:00 AM	3:00 PM
Daily Average	0.0	3.3	7.6	0.3	0.9	0.5
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, August 05, 2025

No.	Time	Comments
1	12:00:00 AM	Site host reported asphalt plant ran briefly. No time was noted.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Sunday, August 17, 2025

Wednesday, August 6, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/6/2025 12:00 AM	0.0	3.0	9.1	0.0	0.0	-0.1
8/6/2025 1:00 AM	0.0	2.9	7.9	0.1	0.8	0.6
8/6/2025 2:00 AM	0.0	3.1	8.1	0.0	0.2	0.1
8/6/2025 3:00 AM	0.0	3.0	8.8	0.0	0.1	0.1
8/6/2025 4:00 AM	0.0	3.5	10.6	0.0	0.6	0.5
8/6/2025 5:00 AM	0.0	3.6	9.8	0.2	1.4	1.1
8/6/2025 6:00 AM	0.0	3.8	11.0	1.0	3.0	2.0
8/6/2025 7:00 AM	0.0	3.7	9.6	1.4	4.2	2.7
8/6/2025 8:00 AM	0.0	3.4	8.9	1.1	2.2	1.1
8/6/2025 9:00 AM	0.0	3.1	6.9	0.3	-0.2	-0.5
8/6/2025 10:00 AM	0.0	2.9	5.6	0.1	-0.8	-0.9
8/6/2025 11:00 AM	0.0	3.2	7.4	0.1	-0.4	-0.6
8/6/2025 12:00 PM	0.0	3.4	7.5	0.1	-0.4	-0.6
8/6/2025 1:00 PM	0.0	3.6	7.7	0.0	-0.8	-0.9
8/6/2025 2:00 PM	0.0	3.7	8.6	0.0	-0.7	-0.8
8/6/2025 3:00 PM	0.0	3.7	7.7	0.0	-0.8	-0.8
8/6/2025 4:00 PM	0.0	3.5	8.3	0.1	-0.2	-0.4
8/6/2025 5:00 PM	1.6	3.9	13.0	0.5	1.2	0.6
8/6/2025 6:00 PM	0.0	3.8	8.2	0.0	0.6	0.6
8/6/2025 7:00 PM	0.0	4.0	8.4	0.3	2.5	2.1
8/6/2025 8:00 PM	0.0	3.9	8.7	0.2	2.6	2.3
8/6/2025 9:00 PM	0.0	4.1	8.7	0.1	3.7	3.5
8/6/2025 10:00 PM	0.0	4.5	9.7	0.0	3.1	3.0
8/6/2025 11:00 PM	0.0	4.5	9.2	0.4	2.8	2.3

Minimum	0.0	2.9	5.6	0.0	-0.8	-0.9
MinTime	12:00 AM	1:00 AM	10:00 AM	12:00 AM	10:00 AM	10:00 AM
Maximum	1.6	4.5	13.0	1.4	4.2	3.5
MaxTime	5:00 PM	10:00 PM	5:00 PM	7:00 AM	7:00 AM	9:00 PM
Daily Average	0.0	3.5	8.7	0.2	1.0	0.7
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, August 06, 2025

No.	Time	Comments
1	12:00:00 AM	Security camera detected mowing from 5:10 to 5:23PM.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Monday, August 18, 2025

Thursday, August 7, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/7/2025 12:00 AM	0.0	4.5	9.2	1.3	3.9	2.6
8/7/2025 1:00 AM	0.0	4.3	8.5	0.6	2.7	2.0
8/7/2025 2:00 AM	0.0	4.0	9.4	0.8	2.3	1.4
8/7/2025 3:00 AM	0.0	3.7	9.6	0.9	1.8	0.8
8/7/2025 4:00 AM	0.0	3.2	8.1	0.8	1.3	0.4
8/7/2025 5:00 AM	0.0	3.1	8.9	3.0	4.8	1.7
8/7/2025 6:00 AM	0.0	2.9	8.3	2.5	3.3	0.8
8/7/2025 7:00 AM	0.0	2.3	5.6	1.1	1.1	0.0
8/7/2025 8:00 AM	0.0	2.3	4.5	0.3	-0.6	-0.9
8/7/2025 9:00 AM	0.0	2.5	4.6	0.0	-1.0	-1.1
8/7/2025 10:00 AM	0.0	2.3	3.8	0.0	-1.2	-1.3
8/7/2025 11:00 AM	0.0	2.1	3.6	0.1	-0.7	-0.9
8/7/2025 12:00 PM	0.0	2.9	6.3	0.1	-0.8	-1.0
8/7/2025 1:00 PM	0.0	3.0	6.4	0.1	-0.6	-0.8
8/7/2025 2:00 PM	0.0	2.9	6.1	0.0	-0.7	-0.8
8/7/2025 3:00 PM	0.0	3.2	7.1	0.1	-0.3	-0.4
8/7/2025 4:00 PM	0.0	2.8	5.5	0.0	-0.9	-0.9
8/7/2025 5:00 PM	0.0	3.3	7.7	0.3	1.5	1.2
8/7/2025 6:00 PM	0.0	3.4	7.9	0.1	1.4	1.2
8/7/2025 7:00 PM	0.0	4.2	9.8	0.2	4.1	3.8
8/7/2025 8:00 PM	0.0	5.0	10.4	0.5	5.8	5.2
8/7/2025 9:00 PM	0.0	5.5	10.0	0.6	4.7	4.1
8/7/2025 10:00 PM	0.0	5.5	11.5	0.4	4.9	4.4
8/7/2025 11:00 PM	0.0	5.9	11.9	0.1	2.8	2.6

Minimum	0.0	2.1	3.6	0.0	-1.2	-1.3
MinTime	12:00 AM	11:00 AM	11:00 AM	9:00 AM	10:00 AM	10:00 AM
Maximum	0.0	5.9	11.9	3.0	5.8	5.2
MaxTime	12:00 AM	11:00 PM	11:00 PM	5:00 AM	8:00 PM	8:00 PM
Daily Average	0.0	3.5	7.6	0.5	1.6	1.0
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, August 07, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, August 19, 2025

Friday, August 8, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/8/2025 12:00 AM	0.0	6.1	11.1	0.0	1.8	1.8
8/8/2025 1:00 AM	0.0	6.4	11.5	0.3	2.7	2.4
8/8/2025 2:00 AM	0.0	6.8	11.9	0.2	2.1	1.9
8/8/2025 3:00 AM	0.0	6.7	11.9	0.4	2.4	1.9
8/8/2025 4:00 AM	0.0	6.7	12.9	0.2	2.0	1.7
8/8/2025 5:00 AM	0.0	6.8	13.0	1.3	3.9	2.6
8/8/2025 6:00 AM	0.0	7.0	13.5	1.2	2.1	0.9
8/8/2025 7:00 AM	0.0	7.8	13.4	0.6	0.2	-0.4
8/8/2025 8:00 AM	0.0	9.0	14.7	0.3	-0.2	-0.6
8/8/2025 9:00 AM	0.0	8.7	13.8	0.0	-1.2	-1.2
8/8/2025 10:00 AM	0.0	8.3	12.8	0.1	-0.9	-1.0
8/8/2025 11:00 AM	0.0	7.9	12.5	0.0	-1.1	-1.2
8/8/2025 12:00 PM	0.0	7.0	11.8	0.1	-0.9	-1.0
8/8/2025 1:00 PM	0.0	8.0	13.6	0.1	-0.7	-0.9
8/8/2025 2:00 PM	0.0	7.2	11.9	0.1	-0.7	-0.9
8/8/2025 3:00 PM	0.0	6.4	11.6	0.2	-0.3	-0.6
8/8/2025 4:00 PM	0.0	6.3	10.5	0.2	-0.1	-0.4
8/8/2025 5:00 PM	0.0	8.3	15.1	1.1	2.1	0.9
8/8/2025 6:00 PM	0.0	13.5	19.7	0.0	-1.2	-1.2
8/8/2025 7:00 PM	0.0	15.0	22.4	0.0	0.0	0.0
8/8/2025 8:00 PM	0.0	15.2	22.6	0.1	2.1	2.0
8/8/2025 9:00 PM	0.0	14.2	21.2	0.1	2.0	1.8
8/8/2025 10:00 PM	0.0	14.8	22.4	0.1	3.6	3.5
8/8/2025 11:00 PM	0.0	15.2	23.4	0.0	1.8	1.7

Minimum	0.0	6.1	10.5	0.0	-1.2	-1.2
MinTime	12:00 AM	12:00 AM	4:00 PM	12:00 AM	9:00 AM	9:00 AM
Maximum	0.0	15.2	23.4	1.3	3.9	3.5
MaxTime	12:00 AM	8:00 PM	11:00 PM	5:00 AM	5:00 AM	10:00 PM
Daily Average	0.0	9.1	14.9	0.2	0.8	0.5
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, August 08, 2025

No.	Time	Comments
1	12:00:00 AM	Security camera recorded mowing near the trailer at 5:43PM.
2	11:46:00 PM	Security camera detected a tractor mowing and 5:43 PM. Site host also reported mowing with tractor.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, August 19, 2025

Saturday, August 9, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/9/2025 12:00 AM	0.0	15.9	23.7	0.0	0.8	0.8
8/9/2025 1:00 AM	0.0	15.9	23.9	0.1	0.7	0.6
8/9/2025 2:00 AM	0.0	16.7	25.4	0.1	0.3	0.2
8/9/2025 3:00 AM	0.0	19.5	29.4	0.0	0.0	0.0
8/9/2025 4:00 AM	0.0	20.9	31.4	0.0	-0.1	-0.2
8/9/2025 5:00 AM	0.0	20.9	30.3	0.1	0.5	0.3
8/9/2025 6:00 AM	0.0	21.6	31.9	0.6	1.1	0.4
8/9/2025 7:00 AM	0.0	20.9	30.7	0.4	-0.1	-0.6
8/9/2025 8:00 AM	0.0	20.9	29.3	0.0	-1.1	-1.1
8/9/2025 9:00 AM	0.0	19.2	27.2	0.0	-1.2	-1.2
8/9/2025 10:00 AM	0.0	15.6	22.5	0.2	-0.9	-1.1
8/9/2025 11:00 AM	0.0	11.0	16.1	0.0	-1.3	-1.3
8/9/2025 12:00 PM	0.0	11.6	17.2	0.0	-1.2	-1.2
8/9/2025 1:00 PM	0.0	10.8	16.3	0.0	-1.0	-1.1
8/9/2025 2:00 PM	0.0	9.9	14.8	0.0	-1.1	-1.1
8/9/2025 3:00 PM	0.0	9.9	16.0	0.0	-0.9	-1.0
8/9/2025 4:00 PM	0.0	9.8	15.8	0.0	-1.3	-1.4
8/9/2025 5:00 PM	0.0	9.7	15.1	0.0	-1.2	-1.3
8/9/2025 6:00 PM	0.0	9.4	15.4	0.0	0.1	0.0
8/9/2025 7:00 PM	0.0	10.1	16.9	0.0	2.4	2.4
8/9/2025 8:00 PM	0.0	10.8	19.3	0.0	2.6	2.6
8/9/2025 9:00 PM	0.0	9.8	16.3	0.7	4.5	3.8
8/9/2025 10:00 PM	0.0	9.9	16.4	0.2	3.5	3.2
8/9/2025 11:00 PM	0.0	9.7	16.1	0.2	1.9	1.7

Minimum	0.0	9.4	14.8	0.0	-1.3	-1.4
MinTime	12:00 AM	6:00 PM	2:00 PM	12:00 AM	11:00 AM	4:00 PM
Maximum	0.0	21.6	31.9	0.7	4.5	3.8
MaxTime	12:00 AM	6:00 AM	6:00 AM	9:00 PM	9:00 PM	9:00 PM
Daily Average	0.0	14.1	21.5	0.1	0.2	0.1
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, August 09, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, August 20, 2025

Sunday, August 10, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/10/2025 12:00 AM	0.0	9.1	15.2	0.0	0.4	0.4
8/10/2025 1:00 AM	0.0	8.9	15.9	0.2	0.8	0.5
8/10/2025 2:00 AM	0.0	8.5	14.2	0.2	0.9	0.7
8/10/2025 3:00 AM	0.0	8.7	15.6	0.0	0.1	0.0
8/10/2025 4:00 AM	0.0	8.9	15.3	0.0	0.1	0.0
8/10/2025 5:00 AM	0.0	9.0	15.3	0.4	1.0	0.6
8/10/2025 6:00 AM	0.0	9.1	14.7	0.2	-0.2	-0.5
8/10/2025 7:00 AM	0.0	9.7	15.6	0.2	-0.8	-1.0
8/10/2025 8:00 AM	0.0	9.5	15.8	0.0	-1.0	-1.0
8/10/2025 9:00 AM	0.0	8.6	13.9	0.0	-0.9	-1.0
8/10/2025 10:00 AM	0.0	7.8	12.9	0.0	-1.0	-1.1
8/10/2025 11:00 AM	0.5	7.0	11.5	0.0	-1.1	-1.2
8/10/2025 12:00 PM	0.0	7.1	12.0	0.0	-1.0	-1.0
8/10/2025 1:00 PM	0.0	5.6	9.5	0.0	-1.3	-1.3
8/10/2025 2:00 PM	0.0	5.1	9.3	0.0	-1.3	-1.3
8/10/2025 3:00 PM	0.0	5.8	10.4	0.1	0.0	-0.1
8/10/2025 4:00 PM	0.0	6.2	10.8	0.1	-0.5	-0.6
8/10/2025 5:00 PM	0.0	6.2	11.9	0.1	0.0	-0.1
8/10/2025 6:00 PM	0.0	6.3	12.4	0.0	0.9	0.9
8/10/2025 7:00 PM	0.0	5.9	12.0	0.0	-0.1	-0.1
8/10/2025 8:00 PM	0.0	5.3	10.6	0.1	0.7	0.5
8/10/2025 9:00 PM	0.0	5.4	10.4	0.0	1.1	1.1
8/10/2025 10:00 PM	0.0	5.6	10.3	0.0	0.7	0.6
8/10/2025 11:00 PM	0.0	5.3	10.4	0.0	0.5	0.4

Minimum	0.0	5.1	9.3	0.0	-1.3	-1.3
MinTime	12:00 AM	2:00 PM	2:00 PM	12:00 AM	1:00 PM	1:00 PM
Maximum	0.5	9.7	15.9	0.4	1.1	1.1
MaxTime	11:00 AM	7:00 AM	1:00 AM	5:00 AM	9:00 PM	9:00 PM
Daily Average	0.0	7.2	12.7	0.0	0.0	-0.1
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, August 10, 2025

No.	Time	Comments
1	12:00:00 AM	VOC increase from 11:50 to 11:53 am. Highest was 13.1 at 11:52am.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, August 20, 2025

Monday, August 11, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/11/2025 12:00 AM	0.0	5.1	9.4	0.0	0.6	0.5
8/11/2025 1:00 AM	0.0	4.9	9.2	0.0	0.1	0.0
8/11/2025 2:00 AM	0.0	4.9	9.5	0.0	0.1	0.0
8/11/2025 3:00 AM	0.0	5.1	9.8	#N/A	#N/A	#N/A
8/11/2025 4:00 AM	0.0	5.1	10.1	0.6	2.2	1.5
8/11/2025 5:00 AM	0.0	5.3	10.8	#N/A	#N/A	#N/A
8/11/2025 6:00 AM	0.0	5.2	10.8	3.8	6.7	2.9
8/11/2025 7:00 AM	0.0	5.0	10.3	2.4	5.4	2.9
8/11/2025 8:00 AM	0.0	4.2	8.5	0.4	1.1	0.6
8/11/2025 9:00 AM	0.0	3.1	6.3	0.0	-0.8	-0.9
8/11/2025 10:00 AM	0.0	2.8	5.3	0.1	-0.8	-0.9
8/11/2025 11:00 AM	0.0	2.3	3.4	0.1	-0.6	-0.8
8/11/2025 12:00 PM	0.0	1.8	3.8	0.5	0.3	-0.1
8/11/2025 1:00 PM	0.0	1.0	2.4	0.5	0.2	-0.2
8/11/2025 2:00 PM	0.0	0.7	2.1	0.4	-0.2	-0.7
8/11/2025 3:00 PM	0.0	0.8	1.6	0.3	-0.3	-0.6
8/11/2025 4:00 PM	0.0	1.0	3.6	0.1	-0.7	-0.9
8/11/2025 5:00 PM	0.0	2.6	9.1	0.6	1.8	1.2
8/11/2025 6:00 PM	0.0	2.3	8.9	0.8	2.2	1.4
8/11/2025 7:00 PM	0.0	1.7	6.9	2.0	5.7	3.7
8/11/2025 8:00 PM	0.0	2.3	8.9	2.0	6.1	4.1
8/11/2025 9:00 PM	0.0	3.0	12.3	1.2	4.1	2.8
8/11/2025 10:00 PM	0.0	3.7	13.2	0.8	2.0	1.2
8/11/2025 11:00 PM	0.0	3.5	12.4	1.1	2.7	1.5

Minimum	0.0	0.7	1.6	0.0	-0.8	-0.9
MinTime	12:00 AM	2:00 PM	3:00 PM	12:00 AM	9:00 AM	9:00 AM
Maximum	0.0	5.3	13.2	3.8	6.7	4.1
MaxTime	12:00 AM	5:00 AM	10:00 PM	6:00 AM	6:00 AM	8:00 PM
Daily Average	0.0	3.2	7.8	0.8	1.7	0.8
Number	24	24	24	22	22	22
Data Hourly (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, August 11, 2025

No.	Time	Comments
1	12:00:00 AM	Two sequences of calibration, however we still met the required 75% completeness standard.
2	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
3	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
4	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
42	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,

43	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
44	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
57	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
58	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
59	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
68	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
69	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
83	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
89	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

90	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
113	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
114	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, August 26, 2025

Tuesday, August 12, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/12/2025 12:00 AM	0.0	3.7	13.7	1.3	2.7	1.4
8/12/2025 1:00 AM	0.0	3.9	15.5	1.9	2.6	0.6
8/12/2025 2:00 AM	0.0	3.8	14.2	2.8	3.4	0.6
8/12/2025 3:00 AM	0.0	3.5	13.6	1.5	1.8	0.2
8/12/2025 4:00 AM	0.0	3.4	12.5	0.9	1.1	0.2
8/12/2025 5:00 AM	0.0	3.2	13.4	1.2	2.2	0.9
8/12/2025 6:00 AM	0.0	3.2	12.4	4.1	6.2	2.1
8/12/2025 7:00 AM	0.0	2.9	10.0	3.2	5.7	2.4
8/12/2025 8:00 AM	0.0	2.9	9.5	3.5	6.5	2.9
8/12/2025 9:00 AM	0.0	2.7	8.1	3.6	6.1	2.5
8/12/2025 10:00 AM	0.0	2.6	7.6	1.0	2.7	1.6
8/12/2025 11:00 AM	0.0	2.6	7.4	0.6	1.6	0.9
8/12/2025 12:00 PM	0.0	1.5	3.4	0.7	0.5	-0.2
8/12/2025 1:00 PM	0.0	1.0	2.5	0.1	-0.6	-0.7
8/12/2025 2:00 PM	0.0	1.0	2.6	0.0	-1.1	-1.1
8/12/2025 3:00 PM	0.2	1.5	3.2	0.1	-0.9	-1.0
8/12/2025 4:00 PM	0.0	1.7	3.7	0.2	-0.5	-0.8
8/12/2025 5:00 PM	0.0	2.2	5.6	0.4	1.3	0.8
8/12/2025 6:00 PM	0.0	2.8	9.0	1.2	3.8	2.6
8/12/2025 7:00 PM	0.0	3.4	10.5	1.1	3.7	2.6
8/12/2025 8:00 PM	0.0	3.9	13.7	0.7	2.8	2.0
8/12/2025 9:00 PM	0.0	4.5	14.5	0.2	0.6	0.4
8/12/2025 10:00 PM	0.0	4.8	13.8	0.1	0.3	0.2
8/12/2025 11:00 PM	0.0	4.9	14.3	0.1	0.5	0.4

Minimum	0.0	1.0	2.5	0.0	-1.1	-1.1
MinTime	12:00 AM	1:00 PM	1:00 PM	2:00 PM	2:00 PM	2:00 PM
Maximum	0.2	4.9	15.5	4.1	6.5	2.9
MaxTime	3:00 PM	11:00 PM	1:00 AM	6:00 AM	8:00 AM	8:00 AM
Daily Average	0.0	2.9	9.7	1.2	2.2	0.8
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, August 12, 2025

No.	Time	Comments
1	12:00:00 AM	Brief VOC spike starting around 3:00pm.
2	12:01:00 AM	Site host reported spell of asphalt at 6:20pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, August 26, 2025

Wednesday, August 13, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/13/2025 12:00 AM	0.0	5.1	15.3	0.2	1.1	0.8
8/13/2025 1:00 AM	0.0	5.3	15.8	0.2	1.2	0.9
8/13/2025 2:00 AM	0.0	5.2	15.8	0.0	0.1	0.1
8/13/2025 3:00 AM	0.0	5.2	17.0	0.3	0.0	-0.3
8/13/2025 4:00 AM	0.0	5.3	18.0	0.6	0.4	-0.1
8/13/2025 5:00 AM	0.0	4.7	16.0	1.4	3.5	2.1
8/13/2025 6:00 AM	0.0	3.4	9.1	0.5	0.5	0.0
8/13/2025 7:00 AM	0.0	2.8	7.9	0.3	1.6	1.3
8/13/2025 8:00 AM	0.0	2.5	6.3	0.4	1.1	0.6
8/13/2025 9:00 AM	0.0	2.0	5.0	0.4	0.4	0.0
8/13/2025 10:00 AM	0.0	1.9	4.2	0.4	0.4	0.0
8/13/2025 11:00 AM	0.0	2.2	5.2	0.4	0.9	0.4
8/13/2025 12:00 PM	0.0	1.4	3.3	0.4	0.8	0.4
8/13/2025 1:00 PM	0.0	1.0	2.5	0.1	-0.6	-0.8
8/13/2025 2:00 PM	0.0	1.0	3.0	0.1	-0.4	-0.6
8/13/2025 3:00 PM	0.0	0.8	2.5	0.0	-1.1	-1.1
8/13/2025 4:00 PM	0.0	0.8	2.9	0.2	-0.5	-0.7
8/13/2025 5:00 PM	0.0	1.3	4.5	0.2	0.1	0.0
8/13/2025 6:00 PM	0.0	2.5	9.0	1.2	4.8	3.6
8/13/2025 7:00 PM	0.0	2.6	10.3	0.2	2.0	1.8
8/13/2025 8:00 PM	0.0	3.1	11.8	0.7	4.0	3.2
8/13/2025 9:00 PM	0.0	3.5	14.4	0.6	3.8	3.2
8/13/2025 10:00 PM	0.0	3.8	17.4	0.4	2.2	1.8
8/13/2025 11:00 PM	0.0	4.1	19.0	0.7	1.5	0.7

Minimum	0.0	0.8	2.5	0.0	-1.1	-1.1
MinTime	12:00 AM	3:00 PM	1:00 PM	2:00 AM	3:00 PM	3:00 PM
Maximum	0.0	5.3	19.0	1.4	4.8	3.6
MaxTime	12:00 AM	1:00 AM	11:00 PM	5:00 AM	6:00 PM	6:00 PM
Daily Average	0.0	2.9	9.8	0.4	1.1	0.7
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, August 13, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, August 27, 2025

Thursday, August 14, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/14/2025 12:00 AM	0.0	4.2	18.6	0.2	0.2	0.0
8/14/2025 1:00 AM	0.0	4.3	18.4	0.1	-0.1	-0.3
8/14/2025 2:00 AM	0.0	3.9	15.9	0.1	-0.1	-0.3
8/14/2025 3:00 AM	0.0	4.5	18.1	0.3	0.2	-0.1
8/14/2025 4:00 AM	0.0	4.5	20.8	1.7	1.9	0.2
8/14/2025 5:00 AM	0.0	4.0	17.2	2.4	2.3	0.0
8/14/2025 6:00 AM	0.0	3.4	13.3	2.4	3.7	1.2
8/14/2025 7:00 AM	0.0	2.8	8.9	2.8	3.5	0.7
8/14/2025 8:00 AM	0.0	2.2	7.0	0.9	0.7	-0.1
8/14/2025 9:00 AM	0.0	2.3	5.9	0.2	-0.4	-0.7
8/14/2025 10:00 AM	0.0	2.8	8.0	0.2	0.3	0.1
8/14/2025 11:00 AM	0.0	3.0	6.7	0.2	0.5	0.2
8/14/2025 12:00 PM	0.0	3.6	7.4	0.1	0.0	0.0
8/14/2025 1:00 PM	0.0	4.3	9.1	0.8	2.2	1.3
8/14/2025 2:00 PM	0.0	5.0	11.2	1.4	2.4	1.0
8/14/2025 3:00 PM	0.0	5.1	9.0	0.2	1.4	1.2
8/14/2025 4:00 PM	0.0	5.2	9.7	0.3	1.9	1.5
8/14/2025 5:00 PM	0.6	5.1	10.9	0.6	2.4	1.8
8/14/2025 6:00 PM	0.0	5.0	10.0	0.2	3.7	3.4
8/14/2025 7:00 PM	0.0	6.9	13.2	0.1	4.3	4.1
8/14/2025 8:00 PM	0.0	7.1	13.2	0.0	4.2	4.2
8/14/2025 9:00 PM	0.0	8.9	17.3	0.0	2.7	2.7
8/14/2025 10:00 PM	0.0	8.4	17.3	0.0	1.4	1.3
8/14/2025 11:00 PM	0.0	7.3	15.4	0.0	0.7	0.7

Minimum	0.0	2.2	5.9	0.0	-0.4	-0.7
MinTime	12:00 AM	8:00 AM	9:00 AM	8:00 PM	9:00 AM	9:00 AM
Maximum	0.6	8.9	20.8	2.8	4.3	4.2
MaxTime	5:00 PM	9:00 PM	4:00 AM	7:00 AM	7:00 PM	8:00 PM
Daily Average	0.0	4.7	12.6	0.6	1.6	1.0
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, August 14, 2025

No.	Time	Comments
1	12:00:00 AM	There was a brief VOC spike starting at 5:39pm. Highest level was 21.5 at 5:40 pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, August 29, 2025

Friday, August 15, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/15/2025 12:00 AM	0.0	7.2	14.4	0.0	0.2	0.1
8/15/2025 1:00 AM	0.0	8.7	18.5	0.0	-0.4	-0.4
8/15/2025 2:00 AM	0.0	8.2	18.6	0.0	-0.3	-0.3
8/15/2025 3:00 AM	0.0	7.4	17.1	0.0	0.1	0.0
8/15/2025 4:00 AM	0.0	7.1	16.3	0.1	0.2	0.1
8/15/2025 5:00 AM	0.3	6.3	13.3	0.6	1.8	1.2
8/15/2025 6:00 AM	0.0	6.4	14.0	1.5	3.1	1.5
8/15/2025 7:00 AM	0.0	6.8	13.4	2.7	4.2	1.4
8/15/2025 8:00 AM	0.0	12.0	18.5	0.9	1.9	1.0
8/15/2025 9:00 AM	0.0	10.3	17.5	0.5	1.7	1.1
8/15/2025 10:00 AM	0.0	6.4	11.6	0.2	0.6	0.4
8/15/2025 11:00 AM	0.0	6.1	12.1	0.2	0.9	0.6
8/15/2025 12:00 PM	0.0	6.2	11.9	0.1	0.2	0.1
8/15/2025 1:00 PM	0.0	6.0	12.3	1.2	2.4	1.2
8/15/2025 2:00 PM	0.0	5.7	11.2	0.0	-0.4	-0.5
8/15/2025 3:00 PM	0.0	5.5	10.6	0.1	0.0	-0.1
8/15/2025 4:00 PM	0.0	5.7	9.5	0.1	-0.2	-0.3
8/15/2025 5:00 PM	0.1	6.4	12.3	0.1	1.1	0.9
8/15/2025 6:00 PM	0.0	7.9	14.9	0.1	4.3	4.1
8/15/2025 7:00 PM	0.0	9.3	16.4	0.1	5.1	5.0
8/15/2025 8:00 PM	0.0	11.3	18.3	0.0	4.3	4.3
8/15/2025 9:00 PM	0.0	11.1	17.7	0.0	4.1	4.1
8/15/2025 10:00 PM	0.0	10.0	17.7	0.0	1.6	1.6
8/15/2025 11:00 PM	0.0	10.3	19.2	0.0	0.9	0.8

Minimum	0.0	5.5	9.5	0.0	-0.4	-0.5
MinTime	12:00 AM	3:00 PM	4:00 PM	12:00 AM	1:00 AM	2:00 PM
Maximum	0.3	12.0	19.2	2.7	5.1	5.0
MaxTime	5:00 AM	8:00 AM	11:00 PM	7:00 AM	7:00 PM	7:00 PM
Daily Average	0.0	7.8	14.8	0.3	1.5	1.1
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, August 15, 2025

No.	Time	Comments
1	12:00:00 AM	VOC increases started at 5:04 pm. Continued until 5:15pm. Highest level was 7.3 at 5:15pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Sunday, August 31, 2025

Saturday, August 16, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/16/2025 12:00 AM	0.0	9.2	17.7	0.0	0.4	0.4
8/16/2025 1:00 AM	0.0	8.5	17.4	0.0	0.1	0.1
8/16/2025 2:00 AM	0.0	7.6	16.0	0.0	-0.1	-0.2
8/16/2025 3:00 AM	1.6	7.2	15.3	0.0	-0.7	-0.6
8/16/2025 4:00 AM	0.3	6.9	15.2	0.0	-0.5	-0.5
8/16/2025 5:00 AM	0.0	7.0	14.9	0.1	-0.2	-0.3
8/16/2025 6:00 AM	0.0	6.9	14.8	0.4	0.4	0.0
8/16/2025 7:00 AM	0.0	7.0	14.3	0.6	0.3	-0.3
8/16/2025 8:00 AM	0.0	6.5	13.1	0.4	0.0	-0.4
8/16/2025 9:00 AM	0.0	6.3	10.8	0.1	-0.7	-0.8
8/16/2025 10:00 AM	0.0	6.0	10.3	0.0	-1.0	-1.0
8/16/2025 11:00 AM	0.0	6.3	11.1	0.1	-0.8	-0.9
8/16/2025 12:00 PM	0.0	7.2	11.5	0.0	-0.6	-0.7
8/16/2025 1:00 PM	0.0	7.1	10.9	0.0	-0.5	-0.6
8/16/2025 2:00 PM	0.0	7.2	11.6	0.0	-0.6	-0.7
8/16/2025 3:00 PM	0.0	7.4	11.6	0.0	-0.3	-0.4
8/16/2025 4:00 PM	0.0	7.7	12.5	0.1	0.0	-0.1
8/16/2025 5:00 PM	0.0	7.5	11.8	0.0	0.8	0.8
8/16/2025 6:00 PM	0.0	7.7	13.1	0.1	4.6	4.4
8/16/2025 7:00 PM	0.0	9.3	16.0	0.0	5.9	5.9
8/16/2025 8:00 PM	0.0	9.1	15.2	0.0	4.4	4.4
8/16/2025 9:00 PM	0.0	9.5	15.9	0.0	1.3	1.3
8/16/2025 10:00 PM	0.0	9.6	15.7	0.1	1.3	1.2
8/16/2025 11:00 PM	0.0	9.9	15.7	0.0	0.3	0.3

Minimum	0.0	6.0	10.3	0.0	-1.0	-1.0
MinTime	12:00 AM	10:00 AM	10:00 AM	12:00 AM	10:00 AM	10:00 AM
Maximum	1.6	9.9	17.7	0.6	5.9	5.9
MaxTime	3:00 AM	11:00 PM	12:00 AM	7:00 AM	7:00 PM	7:00 PM
Daily Average	0.0	7.6	13.8	0.0	0.5	0.4
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, August 16, 2025

No.	Time	Comments
1	12:00:00 AM	VOC spikes starting at 3:40am with the highest, 8.2, occurring at 3:50am.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, September 2, 2025

Sunday, August 17, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/17/2025 12:00 AM	0.0	9.8	15.7	0.0	-0.1	-0.1
8/17/2025 1:00 AM	0.0	10.0	16.3	0.0	-0.3	-0.3
8/17/2025 2:00 AM	0.0	9.5	16.5	0.0	-0.4	-0.5
8/17/2025 3:00 AM	0.0	8.8	15.7	0.0	-0.7	-0.7
8/17/2025 4:00 AM	0.0	8.9	15.7	0.0	-0.8	-0.8
8/17/2025 5:00 AM	0.0	8.7	14.8	0.1	-0.4	-0.5
8/17/2025 6:00 AM	0.0	8.2	14.3	0.2	-0.2	-0.5
8/17/2025 7:00 AM	0.0	8.7	14.2	0.3	-0.4	-0.8
8/17/2025 8:00 AM	0.0	8.0	12.8	0.1	-0.8	-0.9
8/17/2025 9:00 AM	0.0	7.7	12.5	0.0	-0.6	-0.7
8/17/2025 10:00 AM	0.0	8.2	13.3	0.0	-0.4	-0.5
8/17/2025 11:00 AM	0.0	9.0	13.4	0.0	-0.7	-0.7
8/17/2025 12:00 PM	0.0	9.8	14.0	0.0	-0.3	-0.3
8/17/2025 1:00 PM	0.0	10.1	14.2	0.0	-0.5	-0.5
8/17/2025 2:00 PM	0.0	9.7	14.2	0.0	-0.3	-0.4
8/17/2025 3:00 PM	0.0	9.7	14.7	0.0	-0.4	-0.5
8/17/2025 4:00 PM	0.0	10.4	14.5	0.0	0.8	0.7
8/17/2025 5:00 PM	0.0	8.4	12.1	0.1	1.2	1.1
8/17/2025 6:00 PM	0.0	6.2	10.4	0.2	2.3	2.1
8/17/2025 7:00 PM	0.0	7.0	13.5	0.0	4.4	4.3
8/17/2025 8:00 PM	0.0	7.7	14.5	0.0	4.0	4.0
8/17/2025 9:00 PM	0.0	8.4	13.6	0.0	2.4	2.4
8/17/2025 10:00 PM	0.0	8.4	14.3	0.0	1.3	1.3
8/17/2025 11:00 PM	0.0	8.2	14.5	0.0	0.8	0.8

Minimum	0.0	6.2	10.4	0.0	-0.8	-0.9
MinTime	12:00 AM	6:00 PM	6:00 PM	12:00 AM	4:00 AM	8:00 AM
Maximum	0.0	10.4	16.5	0.3	4.4	4.3
MaxTime	12:00 AM	4:00 PM	2:00 AM	7:00 AM	7:00 PM	7:00 PM
Daily Average	0.0	8.7	14.1	0.0	0.4	0.3
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, August 17, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, September 2, 2025

Monday, August 18, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/18/2025 12:00 AM	0.0	8.5	14.5	0.0	0.7	0.6
8/18/2025 1:00 AM	0.0	8.3	15.4	0.0	0.3	0.3
8/18/2025 2:00 AM	0.0	7.9	15.3	0.1	0.2	0.1
8/18/2025 3:00 AM	0.0	8.5	15.5	#N/A	#N/A	#N/A
8/18/2025 4:00 AM	0.0	8.5	16.1	0.1	1.2	1.0
8/18/2025 5:00 AM	0.0	8.6	16.1	#N/A	#N/A	#N/A
8/18/2025 6:00 AM	0.0	8.1	14.2	1.0	2.3	1.2
8/18/2025 7:00 AM	0.0	9.0	14.3	1.6	2.8	1.1
8/18/2025 8:00 AM	0.0	8.4	13.1	0.7	0.9	0.2
8/18/2025 9:00 AM	0.0	7.8	12.7	0.1	0.0	-0.2
8/18/2025 10:00 AM	0.0	6.8	10.4	0.0	-0.5	-0.5
8/18/2025 11:00 AM	0.0	6.8	13.1	0.0	-0.1	-0.2
8/18/2025 12:00 PM	0.0	7.2	14.4	0.1	0.0	-0.1
8/18/2025 1:00 PM	0.0	6.7	12.3	0.0	-0.3	-0.4
8/18/2025 2:00 PM	0.0	7.2	12.7	0.1	0.0	0.0
8/18/2025 3:00 PM	0.0	6.7	12.7	0.3	0.9	0.6
8/18/2025 4:00 PM	0.0	5.4	11.3	0.4	0.5	0.0
8/18/2025 5:00 PM	0.1	6.5	16.0	0.4	1.8	1.4
8/18/2025 6:00 PM	0.0	6.5	11.8	0.1	3.4	3.2
8/18/2025 7:00 PM	0.0	7.4	20.6	0.0	5.5	5.5
8/18/2025 8:00 PM	0.0	7.2	15.0	0.0	5.0	5.0
8/18/2025 9:00 PM	0.0	7.5	14.2	0.0	3.8	3.8
8/18/2025 10:00 PM	0.0	7.0	13.9	0.0	2.6	2.6
8/18/2025 11:00 PM	0.0	7.5	14.1	0.1	2.9	2.8

Minimum	0.0	5.4	10.4	0.0	-0.5	-0.5
MinTime	12:00 AM	4:00 PM	10:00 AM	12:00 AM	10:00 AM	10:00 AM
Maximum	0.1	9.0	20.6	1.6	5.5	5.5
MaxTime	5:00 PM	7:00 AM	7:00 PM	7:00 AM	7:00 PM	7:00 PM
Daily Average	0.0	7.5	14.1	0.2	1.5	1.2
Number	24	24	24	22	22	22
Data Hourly (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, August 18, 2025

No.	Time	Comments
1	12:00:00 AM	Two calibration sequences, however, over 75% completeness was achieved. Slight increase in VOCs for around 30 minutes starting at 5:27 pm.
2	12:01:00 AM	Site host reported an asphalt smell and brush burning to the South at 11:26am.
3	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
4	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

42	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
43	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
44	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
57	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
58	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
59	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
68	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
69	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
83	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

89	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
90	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
113	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
114	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
122	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, September 2, 2025

Tuesday, August 19, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/19/2025 12:00 AM	0.0	7.6	13.6	0.1	2.0	1.9
8/19/2025 1:00 AM	0.0	7.2	13.5	0.2	1.5	1.2
8/19/2025 2:00 AM	0.0	7.1	12.9	0.1	1.1	1.0
8/19/2025 3:00 AM	0.0	6.8	13.4	0.6	2.5	1.9
8/19/2025 4:00 AM	0.0	6.6	12.3	0.3	2.3	1.9
8/19/2025 5:00 AM	0.0	6.9	14.3	0.9	4.0	3.1
8/19/2025 6:00 AM	0.0	7.4	14.7	1.8	5.2	3.4
8/19/2025 7:00 AM	0.0	6.8	12.7	0.9	2.6	1.6
8/19/2025 8:00 AM	0.0	5.7	10.8	0.4	0.8	0.3
8/19/2025 9:00 AM	0.0	5.2	9.9	0.2	0.0	-0.2
8/19/2025 10:00 AM	0.0	5.5	10.7	0.0	-0.6	-0.6
8/19/2025 11:00 AM	0.0	6.1	12.7	0.0	-0.6	-0.7
8/19/2025 12:00 PM	0.0	6.4	10.9	0.0	-0.5	-0.6
8/19/2025 1:00 PM	0.0	6.4	11.5	0.1	0.2	0.1
8/19/2025 2:00 PM	0.0	6.2	11.8	0.1	0.3	0.1
8/19/2025 3:00 PM	0.0	6.5	12.5	0.0	0.4	0.4
8/19/2025 4:00 PM	1.8	6.6	12.6	0.1	0.8	0.7
8/19/2025 5:00 PM	3.5	7.9	20.8	0.6	5.9	5.3
8/19/2025 6:00 PM	0.0	7.1	14.4	0.2	4.4	4.2
8/19/2025 7:00 PM	0.0	7.5	14.3	0.0	2.1	2.1
8/19/2025 8:00 PM	0.0	7.8	14.1	0.0	4.6	4.6
8/19/2025 9:00 PM	0.0	8.3	13.8	0.0	2.3	2.3
8/19/2025 10:00 PM	0.0	8.9	14.5	0.0	3.4	3.4
8/19/2025 11:00 PM	0.0	8.7	13.5	0.0	1.0	1.0

Minimum	0.0	5.2	9.9	0.0	-0.6	-0.7
MinTime	12:00 AM	9:00 AM	9:00 AM	10:00 AM	10:00 AM	11:00 AM
Maximum	3.5	8.9	20.8	1.8	5.9	5.3
MaxTime	5:00 PM	10:00 PM	5:00 PM	6:00 AM	5:00 PM	5:00 PM
Daily Average	0.2	6.9	13.1	0.2	1.9	1.6
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, August 19, 2025

No.	Time	Comments
1	12:00:00 AM	VOC spikes from 4:43pm through 5: 12pm. Highest was 41.6 at 4:52pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, September 3, 2025

Wednesday, August 20, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/20/2025 12:00 AM	0.0	8.1	13.2	0.0	0.7	0.7
8/20/2025 1:00 AM	0.0	8.3	14.3	0.0	1.1	1.1
8/20/2025 2:00 AM	0.0	8.0	13.7	0.0	0.8	0.8
8/20/2025 3:00 AM	0.0	8.3	14.0	0.1	1.6	1.4
8/20/2025 4:00 AM	0.0	8.0	13.5	0.4	2.1	1.7
8/20/2025 5:00 AM	0.0	8.0	14.1	0.5	3.6	3.1
8/20/2025 6:00 AM	0.0	7.9	15.0	1.7	5.4	3.7
8/20/2025 7:00 AM	0.0	7.7	14.3	1.9	5.9	3.9
8/20/2025 8:00 AM	0.0	7.6	13.2	0.9	2.9	2.0
8/20/2025 9:00 AM	0.0	7.8	13.9	0.1	0.3	0.1
8/20/2025 10:00 AM	1.5	7.9	13.5	0.7	1.0	0.2
8/20/2025 11:00 AM	0.0	8.4	14.8	0.0	-0.2	-0.3
8/20/2025 12:00 PM	0.0	8.5	15.2	0.1	0.0	-0.2
8/20/2025 1:00 PM	0.0	7.8	14.2	0.0	-0.2	-0.2
8/20/2025 2:00 PM	0.0	7.3	13.3	0.1	0.0	-0.1
8/20/2025 3:00 PM	0.0	7.6	14.0	0.1	0.8	0.6
8/20/2025 4:00 PM	0.0	7.0	13.2	0.2	1.6	1.3
8/20/2025 5:00 PM	0.0	5.6	10.7	0.2	2.6	2.4
8/20/2025 6:00 PM	0.0	6.1	11.9	0.1	3.5	3.3
8/20/2025 7:00 PM	0.0	6.3	12.6	0.0	2.6	2.6
8/20/2025 8:00 PM	0.0	6.9	13.4	0.0	2.1	2.0
8/20/2025 9:00 PM	0.0	7.6	15.6	0.0	1.6	1.6
8/20/2025 10:00 PM	0.0	7.8	14.4	0.0	2.3	2.2
8/20/2025 11:00 PM	0.0	7.4	14.1	0.0	2.1	2.1

Minimum	0.0	5.6	10.7	0.0	-0.2	-0.3
MinTime	12:00 AM	5:00 PM	5:00 PM	12:00 AM	11:00 AM	11:00 AM
Maximum	1.5	8.5	15.6	1.9	5.9	3.9
MaxTime	10:00 AM	12:00 PM	9:00 PM	7:00 AM	7:00 AM	7:00 AM
Daily Average	0.0	7.5	13.7	0.2	1.8	1.5
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, August 20, 2025

No.	Time	Comments
1	12:00:00 AM	VOC spike starting at 10:30am lasting until 10:34am. Highest was 32 at 10:32am. Site host reported that there was a burnt smell and that the asphalt plant ran all day.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, September 3, 2025

Thursday, August 21, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/21/2025 12:00 AM	0.0	7.3	13.8	0.0	1.2	1.1
8/21/2025 1:00 AM	0.0	7.6	13.2	0.0	0.9	0.8
8/21/2025 2:00 AM	0.0	7.5	13.4	0.1	0.5	0.4
8/21/2025 3:00 AM	0.0	8.0	13.5	0.0	1.4	1.3
8/21/2025 4:00 AM	0.0	8.0	14.2	0.1	2.0	1.8
8/21/2025 5:00 AM	0.0	7.6	13.7	0.8	3.6	2.7
8/21/2025 6:00 AM	0.0	7.6	15.7	2.0	6.0	4.0
8/21/2025 7:00 AM	0.0	7.2	14.8	2.9	6.0	3.0
8/21/2025 8:00 AM	0.0	6.9	13.3	0.4	1.0	0.5
8/21/2025 9:00 AM	0.0	5.6	10.1	0.1	-0.3	-0.4
8/21/2025 10:00 AM	0.0	5.3	9.7	0.2	-0.1	-0.3
8/21/2025 11:00 AM	0.0	5.6	11.7	0.1	-0.1	-0.3
8/21/2025 12:00 PM	0.0	5.9	11.0	0.0	-0.2	-0.3
8/21/2025 1:00 PM	0.0	6.1	12.2	0.1	-0.1	-0.3
8/21/2025 2:00 PM	0.0	6.4	12.4	0.1	0.3	0.1
8/21/2025 3:00 PM	0.0	6.4	12.7	0.3	1.0	0.6
8/21/2025 4:00 PM	0.0	6.6	11.7	0.3	2.1	1.7
8/21/2025 5:00 PM	0.0	7.2	12.5	0.3	2.6	2.2
8/21/2025 6:00 PM	0.0	8.6	15.2	0.1	4.2	4.1
8/21/2025 7:00 PM	0.0	6.9	12.8	0.0	2.5	2.4
8/21/2025 8:00 PM	0.0	6.6	12.2	0.0	0.3	0.3
8/21/2025 9:00 PM	0.0	6.7	11.9	0.0	1.3	1.3
8/21/2025 10:00 PM	0.0	8.8	15.0	0.0	2.0	2.1
8/21/2025 11:00 PM	0.0	7.3	13.1	0.0	2.3	2.3

Minimum	0.0	5.3	9.7	0.0	-0.3	-0.4
MinTime	12:00 AM	10:00 AM	10:00 AM	12:00 AM	9:00 AM	9:00 AM
Maximum	0.0	8.8	15.7	2.9	6.0	4.1
MaxTime	12:00 AM	10:00 PM	6:00 AM	7:00 AM	6:00 AM	6:00 PM
Daily Average	0.0	6.9	12.9	0.3	1.6	1.2
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, August 21, 2025

No.	Time	Comments
1	12:00:00 AM	Site host reported that the asphalt plant ran all day-most hours he has noted this year. The baghouse was emptied out at 4:40pm. There was some smoke, he reported that the wind was out of the north.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, September 5, 2025

Friday, August 22, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/22/2025 12:00 AM	0.0	7.5	13.4	0.1	2.1	1.9
8/22/2025 1:00 AM	0.0	7.1	14.3	0.1	2.4	2.3
8/22/2025 2:00 AM	0.0	7.4	14.1	0.2	2.1	1.8
8/22/2025 3:00 AM	0.0	7.9	14.8	0.3	1.6	1.2
8/22/2025 4:00 AM	0.0	7.9	15.4	1.1	2.8	1.7
8/22/2025 5:00 AM	3.3	7.4	14.3	1.1	3.5	2.3
8/22/2025 6:00 AM	0.0	7.3	17.8	2.8	5.0	2.2
8/22/2025 7:00 AM	0.0	9.8	19.6	4.3	6.8	2.5
8/22/2025 8:00 AM	0.0	11.4	20.0	0.9	2.4	1.5
8/22/2025 9:00 AM	0.0	5.9	11.5	0.1	-0.1	-0.3
8/22/2025 10:00 AM	0.0	5.2	11.2	0.0	-0.5	-0.5
8/22/2025 11:00 AM	0.0	4.5	9.1	0.0	-0.6	-0.7
8/22/2025 12:00 PM	0.0	4.8	8.8	0.2	0.1	-0.1
8/22/2025 1:00 PM	0.0	5.0	10.2	0.2	-0.3	-0.5
8/22/2025 2:00 PM	0.0	4.1	8.9	0.2	-0.2	-0.4
8/22/2025 3:00 PM	0.0	5.4	13.6	0.1	0.6	0.5
8/22/2025 4:00 PM	0.0	6.6	19.0	0.3	2.1	1.7
8/22/2025 5:00 PM	0.0	6.4	11.2	0.2	2.0	1.7
8/22/2025 6:00 PM	0.0	5.5	10.2	0.1	1.1	1.0
8/22/2025 7:00 PM	0.0	6.3	13.3	0.6	5.1	4.5
8/22/2025 8:00 PM	0.0	8.0	15.8	0.1	4.8	4.7
8/22/2025 9:00 PM	0.0	7.2	12.4	0.2	3.3	3.1
8/22/2025 10:00 PM	0.0	6.8	11.9	0.0	1.3	1.2
8/22/2025 11:00 PM	0.0	6.3	12.2	0.0	1.3	1.3

Minimum	0.0	4.1	8.8	0.0	-0.6	-0.7
MinTime	12:00 AM	2:00 PM	12:00 PM	10:00 AM	11:00 AM	11:00 AM
Maximum	3.3	11.4	20.0	4.3	6.8	4.7
MaxTime	5:00 AM	8:00 AM	8:00 AM	7:00 AM	7:00 AM	8:00 PM
Daily Average	0.1	6.7	13.4	0.5	2.0	1.4
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, August 22, 2025

No.	Time	Comments
1	12:00:00 AM	VOCs started increasing at 5:09am. Highest was at 5:26am- 10.1
2	1:30:00 AM	VOCs started increasing at 5:09 pm-highest was 10 at 5:26pm. Site host reported that the baghouse was emotied again from 12-pm. The security camera detected a tractor nearby-may have just been being moved.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Saturday, September 6, 2025

Saturday, August 23, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/23/2025 12:00 AM	0.0	6.4	13.5	0.1	1.6	1.4
8/23/2025 1:00 AM	0.0	6.7	13.4	0.0	0.9	0.8
8/23/2025 2:00 AM	0.0	7.1	13.9	0.0	1.0	0.9
8/23/2025 3:00 AM	0.0	7.1	12.9	0.2	0.9	0.7
8/23/2025 4:00 AM	0.0	6.6	13.0	0.4	1.7	1.2
8/23/2025 5:00 AM	0.0	10.2	17.0	0.4	2.1	1.6
8/23/2025 6:00 AM	0.0	8.1	16.7	0.9	2.2	1.3
8/23/2025 7:00 AM	0.0	6.4	14.5	2.2	4.4	2.2
8/23/2025 8:00 AM	0.0	5.8	12.8	1.5	3.7	2.1
8/23/2025 9:00 AM	0.0	5.1	12.4	0.5	0.6	0.1
8/23/2025 10:00 AM	0.0	4.7	9.0	0.1	-0.3	-0.5
8/23/2025 11:00 AM	0.0	4.6	12.8	0.1	-0.4	-0.6
8/23/2025 12:00 PM	0.0	4.7	14.2	0.0	-0.6	-0.7
8/23/2025 1:00 PM	0.0	4.5	9.1	0.2	-0.4	-0.6
8/23/2025 2:00 PM	3.0	5.9	16.7	0.4	0.1	-0.3
8/23/2025 3:00 PM	0.0	4.8	9.1	0.0	-0.6	-0.6
8/23/2025 4:00 PM	0.0	4.3	9.0	0.0	-0.9	-0.8
8/23/2025 5:00 PM	0.0	4.3	8.7	0.4	1.3	0.8
8/23/2025 6:00 PM	0.0	4.7	8.7	0.0	0.8	0.7
8/23/2025 7:00 PM	0.0	4.9	9.5	0.1	2.7	2.6
8/23/2025 8:00 PM	0.0	5.0	10.1	0.0	3.0	2.9
8/23/2025 9:00 PM	0.0	5.7	10.1	0.0	2.3	2.2
8/23/2025 10:00 PM	0.0	5.9	10.7	0.1	1.8	1.6
8/23/2025 11:00 PM	0.0	5.7	10.7	0.2	1.2	0.9

Minimum	0.0	4.3	8.7	0.0	-0.9	-0.8
MinTime	12:00 AM	4:00 PM	5:00 PM	1:00 AM	4:00 PM	4:00 PM
Maximum	3.0	10.2	17.0	2.2	4.4	2.9
MaxTime	2:00 PM	5:00 AM	5:00 AM	7:00 AM	7:00 AM	8:00 PM
Daily Average	0.1	5.8	12.0	0.3	1.2	0.8
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, August 23, 2025

No.	Time	Comments
1	12:00:00 AM	VOC spike started at 2:39pm, highest was 58.6 at 2:40pm. PM2.5 and PM10 were also elevated during this time. Highest levels were at 2:45pm.
2	12:01:00 AM	Security camera detected mowing from 4:09-4:16

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Monday, September 8, 2025

Sunday, August 24, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/24/2025 12:00 AM	0.0	6.6	11.8	0.1	1.3	1.2
8/24/2025 1:00 AM	0.0	6.8	13.3	0.1	1.2	1.0
8/24/2025 2:00 AM	0.0	7.2	13.1	0.0	0.2	0.1
8/24/2025 3:00 AM	0.0	7.1	14.3	0.0	-0.1	-0.1
8/24/2025 4:00 AM	0.0	5.8	12.2	0.0	-0.2	-0.2
8/24/2025 5:00 AM	0.0	5.2	10.4	0.0	-0.3	-0.4
8/24/2025 6:00 AM	0.0	4.3	7.9	0.0	-0.3	-0.4
8/24/2025 7:00 AM	0.6	4.3	7.7	0.2	0.0	-0.1
8/24/2025 8:00 AM	0.0	3.0	7.4	0.1	-0.2	-0.3
8/24/2025 9:00 AM	0.0	2.9	5.3	0.0	-0.4	-0.5
8/24/2025 10:00 AM	0.0	3.4	6.9	0.1	-0.5	-0.7
8/24/2025 11:00 AM	0.0	4.2	8.2	0.1	-0.4	-0.5
8/24/2025 12:00 PM	0.0	4.5	8.6	0.1	-0.4	-0.5
8/24/2025 1:00 PM	0.0	4.9	8.7	0.0	-0.9	-1.0
8/24/2025 2:00 PM	0.0	4.8	9.1	0.0	-1.0	-1.0
8/24/2025 3:00 PM	0.0	5.0	9.5	0.0	-0.7	-0.7
8/24/2025 4:00 PM	0.0	4.4	9.7	0.2	0.0	-0.3
8/24/2025 5:00 PM	0.0	4.5	8.8	0.1	0.0	-0.1
8/24/2025 6:00 PM	0.0	5.0	10.8	0.1	1.6	1.4
8/24/2025 7:00 PM	0.0	5.9	12.5	0.2	2.5	2.2
8/24/2025 8:00 PM	0.0	6.2	15.3	0.3	3.6	3.3
8/24/2025 9:00 PM	0.0	6.3	15.2	0.2	2.2	1.9
8/24/2025 10:00 PM	0.0	6.3	13.7	0.1	0.8	0.6
8/24/2025 11:00 PM	0.0	6.1	12.9	0.0	0.4	0.3

Minimum	0.0	2.9	5.3	0.0	-1.0	-1.0
MinTime	12:00 AM	9:00 AM	9:00 AM	2:00 AM	2:00 PM	1:00 PM
Maximum	0.6	7.2	15.3	0.3	3.6	3.3
MaxTime	7:00 AM	2:00 AM	8:00 PM	8:00 PM	8:00 PM	8:00 PM
Daily Average	0.0	5.1	10.5	0.0	0.3	0.2
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, August 24, 2025

No.	Time	Comments
1	12:00:00 AM	Slight VOC increases around 7:42 am to 8:01am, then again starting at 4:15pm. Site host also reported mowing with tractor. He reported no time.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Monday, September 8, 2025

Monday, August 25, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/25/2025 12:00 AM	0.0	6.3	15.5	0.2	0.6	0.4
8/25/2025 1:00 AM	0.0	6.6	16.3	0.0	-0.4	-0.4
8/25/2025 2:00 AM	0.0	7.2	17.3	0.2	0.7	0.4
8/25/2025 3:00 AM	0.0	7.0	19.1	#N/A	#N/A	#N/A
8/25/2025 4:00 AM	0.0	6.9	19.2	1.1	2.8	1.6
8/25/2025 5:00 AM	0.0	7.0	19.6	#N/A	#N/A	#N/A
8/25/2025 6:00 AM	0.0	6.6	19.9	6.5	9.6	3.1
8/25/2025 7:00 AM	0.0	5.8	15.6	4.3	6.8	2.4
8/25/2025 8:00 AM	0.0	4.0	14.2	1.0	2.4	1.4
8/25/2025 9:00 AM	0.0	4.1	14.2	1.0	2.7	1.6
8/25/2025 10:00 AM	0.0	4.1	13.0	0.2	0.0	-0.2
8/25/2025 11:00 AM	0.0	4.1	13.3	0.2	-0.1	-0.3
8/25/2025 12:00 PM	0.0	#N/A	#N/A	0.0	-0.5	-0.5
8/25/2025 1:00 PM	0.0	#N/A	#N/A	0.1	-0.5	-0.6
8/25/2025 2:00 PM	1.1	#N/A	#N/A	0.1	-0.5	-0.6
8/25/2025 3:00 PM	0.0	#N/A	#N/A	0.3	0.0	-0.3
8/25/2025 4:00 PM	0.0	3.4	9.1	0.1	-0.2	-0.3
8/25/2025 5:00 PM	0.0	3.4	8.0	0.2	1.2	0.9
8/25/2025 6:00 PM	0.0	3.5	8.5	0.7	6.8	6.0
8/25/2025 7:00 PM	0.0	3.8	8.9	0.1	3.9	3.8
8/25/2025 8:00 PM	0.0	3.8	8.7	0.0	1.0	1.0
8/25/2025 9:00 PM	0.0	3.8	8.4	0.1	1.7	1.6
8/25/2025 10:00 PM	0.0	3.8	8.2	0.0	0.5	0.5
8/25/2025 11:00 PM	0.0	3.8	9.4	0.0	0.1	0.1

Minimum	0.0	3.4	8.0	0.0	-0.5	-0.6
MinTime	12:00 AM	4:00 PM	5:00 PM	1:00 AM	12:00 PM	1:00 PM
Maximum	1.1	7.2	19.9	6.5	9.6	6.0
MaxTime	2:00 PM	2:00 AM	6:00 AM	6:00 AM	6:00 AM	6:00 PM
Daily Average	0.0	4.9	13.3	0.7	1.7	0.9
Number	24	20	20	22	22	22
Data Hourly (%)	100.00%	83.33%	83.33%	91.67%	91.67%	91.67%
Data Minute (%)	99.24%	85.35%	85.35%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, August 25, 2025

No.	Time	Comments
1	12:00:00 AM	Regular on-site maintenance was performed on the equipment, data still exceeded the required 75% completeness.
2	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
3	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
4	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
42	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,

43	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
44	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
57	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
58	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
59	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
68	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
69	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
83	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
89	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

90	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
113	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
114	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
122	12:10:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
123	12:11:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
124	12:12:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
125	12:13:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
126	12:14:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
127	12:15:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
128	12:16:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
129	12:17:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
130	12:18:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
131	12:19:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
132	12:20:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
133	12:21:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
134	12:22:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
135	12:23:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
136	12:24:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,

137	12:25:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
138	12:26:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
139	12:27:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
140	12:28:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
141	12:29:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
142	12:30:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
143	12:31:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
144	12:32:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
145	12:33:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
146	12:34:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
147	12:35:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
148	12:36:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
149	12:37:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
150	12:38:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
151	12:39:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
152	12:40:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
153	12:41:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
154	12:42:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
155	12:43:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
156	12:44:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
157	12:45:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
158	12:46:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
159	12:47:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
160	12:48:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
161	12:49:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
162	12:50:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
163	12:51:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
164	12:52:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
165	12:53:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
166	12:54:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
167	12:55:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
168	12:56:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
169	12:57:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
170	12:58:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
171	12:59:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
172	1:00:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
173	1:01:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
174	1:02:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
175	1:03:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
176	1:04:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
177	1:05:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
178	1:06:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
179	1:07:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
180	1:08:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
181	1:09:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
182	1:10:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
183	1:11:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,

184	1:12:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
185	1:13:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
186	1:14:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
187	1:15:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
188	1:16:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
189	1:17:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
190	1:18:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
191	1:19:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
192	1:20:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
193	1:21:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
194	1:22:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
195	1:23:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
196	1:24:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
197	1:25:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
198	1:26:00 PM	VOC: ND Service, PM2.5: ND Maintain, PM10: ND Maintain,
199	1:27:00 PM	VOC: ND Service, PM2.5: ND Maintain, PM10: ND Maintain,
200	1:28:00 PM	VOC: ND Service, PM2.5: ND Maintain, PM10: ND Maintain,
201	1:29:00 PM	VOC: ND Service, PM2.5: ND Maintain, PM10: ND Maintain,
202	1:30:00 PM	VOC: ND Service, PM2.5: ND Maintain, PM10: ND Maintain,
203	1:31:00 PM	VOC: ND Service, PM2.5: ND Maintain, PM10: ND Maintain,
204	1:32:00 PM	VOC: ND Service, PM2.5: ND Maintain, PM10: ND Maintain,
205	1:33:00 PM	VOC: ND Service, PM2.5: ND Maintain, PM10: ND Maintain,
206	1:34:00 PM	VOC: ND Service, PM2.5: ND Maintain, PM10: ND Maintain,
207	1:35:00 PM	VOC: ND Service, PM2.5: ND Maintain, PM10: ND Maintain,
208	1:36:00 PM	VOC: ND Service, PM2.5: ND Maintain, PM10: ND Maintain,
209	1:37:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
210	1:38:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
211	1:39:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
212	1:40:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
213	1:41:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
214	1:42:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
215	1:43:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
216	1:44:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
217	1:45:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
218	1:46:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
219	1:47:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
220	1:48:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
221	1:49:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
222	1:50:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
223	1:51:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
224	1:52:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
225	1:53:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
226	1:54:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
227	1:55:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
228	1:56:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
229	1:57:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
230	1:58:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,

231	1:59:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
232	2:00:00 PM	PM2.5: ND ---, PM10: ND ---,
233	2:01:00 PM	PM2.5: ND ---, PM10: ND ---,
234	2:02:00 PM	PM2.5: ND ---, PM10: ND ---,
235	2:03:00 PM	PM2.5: ND ---, PM10: ND ---,
236	2:04:00 PM	PM2.5: ND ---, PM10: ND ---,
237	2:05:00 PM	PM2.5: ND ---, PM10: ND ---,
238	2:06:00 PM	PM2.5: ND ---, PM10: ND ---,
239	2:07:00 PM	PM2.5: ND ---, PM10: ND ---,
240	2:08:00 PM	PM2.5: ND ---, PM10: ND ---,
241	2:09:00 PM	PM2.5: ND ---, PM10: ND ---,
242	2:10:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
243	2:11:00 PM	PM2.5: ND ---, PM10: ND ---,
244	2:12:00 PM	PM2.5: ND ---, PM10: ND ---,
245	2:13:00 PM	PM2.5: ND ---, PM10: ND ---,
246	2:14:00 PM	PM2.5: ND ---, PM10: ND ---,
247	2:15:00 PM	PM2.5: ND ---, PM10: ND ---,
248	2:16:00 PM	PM2.5: ND ---, PM10: ND ---,
249	2:17:00 PM	PM2.5: ND ---, PM10: ND ---,
250	2:18:00 PM	PM2.5: ND ---, PM10: ND ---,
251	2:19:00 PM	PM2.5: ND ---, PM10: ND ---,
252	2:20:00 PM	PM2.5: ND ---, PM10: ND ---,
253	2:21:00 PM	PM2.5: ND ---, PM10: ND ---,
254	2:22:00 PM	PM2.5: ND ---, PM10: ND ---,
255	2:23:00 PM	PM2.5: ND ---, PM10: ND ---,
256	2:24:00 PM	PM2.5: ND ---, PM10: ND ---,
257	2:25:00 PM	PM2.5: ND ---, PM10: ND ---,
258	2:26:00 PM	PM2.5: ND ---, PM10: ND ---,
259	2:27:00 PM	PM2.5: ND ---, PM10: ND ---,
260	2:28:00 PM	PM2.5: ND ---, PM10: ND ---,
261	2:29:00 PM	PM2.5: ND ---, PM10: ND ---,
262	2:30:00 PM	PM2.5: ND ---, PM10: ND ---,
263	2:31:00 PM	PM2.5: ND ---, PM10: ND ---,
264	2:32:00 PM	PM2.5: ND ---, PM10: ND ---,
265	2:33:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
266	2:34:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
267	2:35:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
268	2:36:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
269	2:37:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
270	2:38:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
271	2:39:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
272	2:40:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
273	2:41:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
274	2:42:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
275	2:43:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
276	2:44:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
277	2:45:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,

278	2:46:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
279	2:47:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
280	2:48:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
281	2:49:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
282	2:50:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
283	2:51:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
284	2:52:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
285	2:53:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
286	2:54:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
287	2:55:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
288	2:56:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
289	2:57:00 PM	PM2.5: ND ---, PM10: ND ---,
290	2:58:00 PM	PM2.5: ND ---, PM10: ND ---,
291	2:59:00 PM	PM2.5: ND ---, PM10: ND ---,
292	3:00:00 PM	PM2.5: ND ---, PM10: ND ---,
293	3:01:00 PM	PM2.5: ND ---, PM10: ND ---,
294	3:02:00 PM	PM2.5: ND ---, PM10: ND ---,
295	3:03:00 PM	PM2.5: ND ---, PM10: ND ---,
296	3:04:00 PM	PM2.5: ND ---, PM10: ND ---,
297	3:05:00 PM	PM2.5: ND ---, PM10: ND ---,
298	3:06:00 PM	PM2.5: ND ---, PM10: ND ---,
299	3:07:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
300	3:08:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
301	3:09:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
302	3:10:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
303	3:11:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
304	3:12:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
305	3:13:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
306	3:14:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
307	3:15:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
308	3:16:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
309	3:17:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
310	3:18:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
311	3:19:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
312	3:20:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
313	3:21:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
314	3:22:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
315	3:23:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
316	3:24:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
317	3:25:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
318	3:26:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
319	3:27:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
320	3:28:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
321	3:29:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
322	3:30:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
323	3:31:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
324	3:32:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,

325	3:33:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
326	3:34:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
327	3:35:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
328	3:36:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
329	3:37:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
330	3:38:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
331	3:39:00 PM	PM2.5: ND Maintain, PM10: ND Maintain,
332	3:40:00 PM	PM2.5: ND <Samp, PM10: ND <Samp,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, September 9, 2025

Tuesday, August 26, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/26/2025 12:00 AM	0.0	3.9	8.9	0.0	-0.1	-0.2
8/26/2025 1:00 AM	0.0	4.1	9.1	0.0	0.2	0.1
8/26/2025 2:00 AM	10.9	4.0	8.1	0.0	-0.2	-0.2
8/26/2025 3:00 AM	0.0	3.8	8.6	0.2	0.5	0.2
8/26/2025 4:00 AM	0.0	3.7	8.3	0.0	0.8	0.7
8/26/2025 5:00 AM	0.0	3.8	8.2	0.4	2.1	1.7
8/26/2025 6:00 AM	0.0	3.9	10.2	2.3	5.0	2.6
8/26/2025 7:00 AM	0.0	3.9	10.4	2.4	4.0	1.6
8/26/2025 8:00 AM	0.0	4.0	11.8	1.2	1.8	0.5
8/26/2025 9:00 AM	0.0	4.0	13.0	0.5	0.8	0.2
8/26/2025 10:00 AM	0.0	4.0	12.2	0.3	0.6	0.2
8/26/2025 11:00 AM	0.0	3.8	11.9	0.2	0.1	0.0
8/26/2025 12:00 PM	0.0	3.9	12.0	0.2	0.3	0.1
8/26/2025 1:00 PM	0.0	4.2	11.3	0.1	0.2	0.1
8/26/2025 2:00 PM	0.0	3.9	11.3	0.1	0.3	0.1
8/26/2025 3:00 PM	0.0	3.6	9.7	0.0	-0.1	-0.2
8/26/2025 4:00 PM	0.2	3.4	8.9	0.2	0.2	0.0
8/26/2025 5:00 PM	0.0	3.1	8.4	0.1	1.0	0.9
8/26/2025 6:00 PM	0.0	3.2	8.4	0.2	5.3	5.1
8/26/2025 7:00 PM	0.0	4.1	9.1	0.0	3.7	3.6
8/26/2025 8:00 PM	0.0	3.5	7.3	0.0	1.3	1.3
8/26/2025 9:00 PM	0.0	3.5	7.6	0.0	1.0	1.1
8/26/2025 10:00 PM	0.0	3.5	7.2	0.0	0.7	0.8
8/26/2025 11:00 PM	0.0	3.5	7.1	0.1	1.2	1.1

Minimum	0.0	3.1	7.1	0.0	-0.2	-0.2
MinTime	12:00 AM	5:00 PM	11:00 PM	12:00 AM	2:00 AM	12:00 AM
Maximum	10.9	4.2	13.0	2.4	5.3	5.1
MaxTime	2:00 AM	1:00 PM	9:00 AM	7:00 AM	6:00 PM	6:00 PM
Daily Average	0.4	3.7	9.5	0.3	1.2	0.8
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, August 26, 2025

No.	Time	Comments
1	12:00:00 AM	VOCs increased starting at 2:01am and continued through 2:49am. Highest was 24.7 at 2:23am.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, September 9, 2025

Wednesday, August 27, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/27/2025 12:00 AM	0.0	3.6	7.0	0.0	0.4	0.4
8/27/2025 1:00 AM	0.1	3.7	7.3	0.0	0.0	0.0
8/27/2025 2:00 AM	0.2	3.9	7.8	0.0	0.0	0.0
8/27/2025 3:00 AM	0.1	3.8	7.2	0.0	0.0	0.0
8/27/2025 4:00 AM	0.1	3.7	7.1	0.0	0.3	0.2
8/27/2025 5:00 AM	0.1	3.8	8.3	0.3	1.6	1.3
8/27/2025 6:00 AM	0.7	3.5	7.9	1.3	3.7	2.4
8/27/2025 7:00 AM	0.4	3.2	7.1	1.8	3.3	1.5
8/27/2025 8:00 AM	0.0	3.1	7.2	1.2	1.9	0.6
8/27/2025 9:00 AM	0.0	3.3	8.5	0.7	1.4	0.6
8/27/2025 10:00 AM	0.0	3.6	9.5	0.3	0.3	0.0
8/27/2025 11:00 AM	0.0	3.8	11.0	0.1	0.0	-0.1
8/27/2025 12:00 PM	0.0	3.5	9.1	0.2	-0.1	-0.2
8/27/2025 1:00 PM	0.0	3.4	8.9	0.1	-0.3	-0.4
8/27/2025 2:00 PM	0.0	3.4	10.2	0.2	-0.1	-0.4
8/27/2025 3:00 PM	0.6	3.4	9.2	0.3	0.3	0.0
8/27/2025 4:00 PM	0.0	3.3	7.4	0.1	0.4	0.2
8/27/2025 5:00 PM	0.0	3.4	7.2	0.2	3.0	2.7
8/27/2025 6:00 PM	0.0	3.4	8.1	0.1	5.6	5.4
8/27/2025 7:00 PM	0.0	4.8	14.7	0.0	7.2	7.2
8/27/2025 8:00 PM	0.0	3.9	9.0	0.0	3.9	3.9
8/27/2025 9:00 PM	0.0	3.8	7.7	0.0	3.7	3.7
8/27/2025 10:00 PM	0.0	4.0	8.6	0.0	1.5	1.5
8/27/2025 11:00 PM	0.0	3.8	6.6	0.0	0.1	0.2

Minimum	0.0	3.1	6.6	0.0	-0.3	-0.4
MinTime	12:00 AM	8:00 AM	11:00 PM	12:00 AM	1:00 PM	1:00 PM
Maximum	0.7	4.8	14.7	1.8	7.2	7.2
MaxTime	6:00 AM	7:00 PM	7:00 PM	7:00 AM	7:00 PM	7:00 PM
Daily Average	0.0	3.6	8.4	0.2	1.5	1.2
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, August 27, 2025

No.	Time	Comments
1	12:00:00 AM	VOC spikes much of the day starting after midnight. Highest was 22.0 at 3:57pm.
2	12:02:00 AM	VOC spikes much of the day starting after midnight. Highest was 22.0 at 3:57pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, September 10, 2025

Thursday, August 28, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/28/2025 12:00 AM	0.0	3.7	7.0	0.0	-0.1	-0.1
8/28/2025 1:00 AM	0.0	3.8	6.8	0.0	-0.1	-0.1
8/28/2025 2:00 AM	0.0	3.7	6.7	0.0	-0.5	-0.5
8/28/2025 3:00 AM	0.1	3.7	6.9	0.0	0.1	0.1
8/28/2025 4:00 AM	0.1	3.8	7.3	0.0	0.3	0.3
8/28/2025 5:00 AM	0.0	3.7	7.1	0.0	0.7	0.7
8/28/2025 6:00 AM	0.1	3.7	7.3	0.2	1.6	1.3
8/28/2025 7:00 AM	0.1	3.6	7.2	1.0	2.2	1.2
8/28/2025 8:00 AM	0.0	3.7	7.5	0.9	1.4	0.5
8/28/2025 9:00 AM	0.0	3.9	9.0	0.3	0.1	-0.1
8/28/2025 10:00 AM	0.0	3.6	9.2	0.2	-0.1	-0.3
8/28/2025 11:00 AM	0.0	3.7	9.2	0.1	0.0	-0.2
8/28/2025 12:00 PM	0.0	4.1	9.5	0.1	0.0	-0.1
8/28/2025 1:00 PM	1.0	4.1	10.3	0.0	-0.2	-0.3
8/28/2025 2:00 PM	1.0	3.9	9.8	0.0	-0.3	-0.4
8/28/2025 3:00 PM	0.2	9.6	16.5	0.1	0.2	0.1
8/28/2025 4:00 PM	0.4	6.5	12.1	0.2	0.8	0.6
8/28/2025 5:00 PM	1.9	8.5	14.3	0.4	4.3	3.8
8/28/2025 6:00 PM	0.1	4.0	8.9	0.1	4.7	4.6
8/28/2025 7:00 PM	0.4	5.0	12.6	0.0	6.5	6.5
8/28/2025 8:00 PM	0.0	4.1	8.5	0.0	2.4	2.4
8/28/2025 9:00 PM	0.1	5.1	9.3	0.0	1.0	1.1
8/28/2025 10:00 PM	0.5	5.5	10.2	0.0	0.5	0.5
8/28/2025 11:00 PM	0.2	5.3	9.4	0.0	0.5	0.5

Minimum	0.0	3.6	6.7	0.0	-0.5	-0.5
MinTime	12:00 AM	7:00 AM	2:00 AM	12:00 AM	2:00 AM	2:00 AM
Maximum	1.9	9.6	16.5	1.0	6.5	6.5
MaxTime	5:00 PM	3:00 PM	3:00 PM	7:00 AM	7:00 PM	7:00 PM
Daily Average	0.2	4.5	9.2	0.1	1.0	0.9
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, August 28, 2025

No.	Time	Comments
1	12:00:00 AM	VOC increases started at 1:21pm and continued throughout the day.Highest was at 2:13pm- 35.1. PM2.5 and 10 also increased-highest PM2.5 was 51.5 at 3:55pm, and highest PM10 was 60 at 3:55pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, September 11, 2025

Friday, August 29, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/29/2025 12:00 AM	0.0	5.0	9.5	0.0	0.0	0.1
8/29/2025 1:00 AM	0.0	4.8	8.5	0.0	-0.3	-0.2
8/29/2025 2:00 AM	0.0	4.5	7.8	0.0	-0.3	-0.3
8/29/2025 3:00 AM	0.1	4.2	7.6	0.0	-0.3	-0.2
8/29/2025 4:00 AM	0.1	4.1	7.8	0.0	0.0	0.0
8/29/2025 5:00 AM	0.1	4.1	8.0	0.2	1.2	1.0
8/29/2025 6:00 AM	0.3	4.1	7.7	0.6	2.8	2.1
8/29/2025 7:00 AM	0.7	3.9	7.9	0.7	1.5	0.8
8/29/2025 8:00 AM	0.2	4.0	8.4	0.9	2.0	1.0
8/29/2025 9:00 AM	0.0	4.1	10.0	0.2	0.2	0.0
8/29/2025 10:00 AM	0.0	4.5	11.6	0.1	0.0	-0.1
8/29/2025 11:00 AM	0.0	4.8	12.9	0.1	-0.4	-0.5
8/29/2025 12:00 PM	0.0	5.1	12.8	0.0	-0.5	-0.5
8/29/2025 1:00 PM	0.0	5.1	12.6	0.1	-0.4	-0.5
8/29/2025 2:00 PM	0.0	5.2	13.3	0.0	-0.5	-0.6
8/29/2025 3:00 PM	0.0	5.4	13.8	0.0	-0.3	-0.3
8/29/2025 4:00 PM	0.0	5.5	13.5	0.0	-0.1	-0.1
8/29/2025 5:00 PM	0.0	5.3	13.1	0.1	1.8	1.6
8/29/2025 6:00 PM	0.1	5.5	13.0	0.1	4.7	4.5
8/29/2025 7:00 PM	1.6	6.0	14.3	0.0	7.1	7.1
8/29/2025 8:00 PM	0.7	6.1	11.8	0.0	4.1	4.1
8/29/2025 9:00 PM	0.2	6.8	13.1	0.0	2.2	2.2
8/29/2025 10:00 PM	0.4	6.5	12.2	0.0	1.4	1.3
8/29/2025 11:00 PM	0.0	6.1	10.9	0.0	0.4	0.4

Minimum	0.0	3.9	7.6	0.0	-0.5	-0.6
MinTime	12:00 AM	7:00 AM	3:00 AM	12:00 AM	12:00 PM	2:00 PM
Maximum	1.6	6.8	14.3	0.9	7.1	7.1
MaxTime	7:00 PM	9:00 PM	7:00 PM	8:00 AM	7:00 PM	7:00 PM
Daily Average	0.1	5.0	10.9	0.1	1.0	0.9
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, August 29, 2025

No.	Time	Comments
1	12:00:00 AM	VOC spikes for several hours. Highest was 40 at 7am.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Saturday, September 13, 2025

Saturday, August 30, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/30/2025 12:00 AM	0.0	5.6	10.3	0.0	-0.2	-0.1
8/30/2025 1:00 AM	0.0	5.7	10.2	0.0	-0.5	-0.5
8/30/2025 2:00 AM	0.0	5.6	10.4	0.0	-0.7	-0.7
8/30/2025 3:00 AM	0.0	5.8	11.0	0.0	-0.5	-0.5
8/30/2025 4:00 AM	0.2	5.7	9.5	0.0	-0.2	-0.3
8/30/2025 5:00 AM	2.2	5.3	9.9	0.1	-0.4	-0.5
8/30/2025 6:00 AM	0.0	5.3	9.7	0.3	0.2	0.0
8/30/2025 7:00 AM	0.0	5.4	10.4	0.4	0.4	0.0
8/30/2025 8:00 AM	0.0	5.5	11.3	0.1	-0.7	-0.9
8/30/2025 9:00 AM	0.0	5.8	14.3	0.0	-0.8	-0.9
8/30/2025 10:00 AM	0.1	5.8	14.8	0.0	-0.8	-0.9
8/30/2025 11:00 AM	0.0	6.0	13.2	0.0	-0.7	-0.7
8/30/2025 12:00 PM	0.0	6.0	13.9	0.0	-0.7	-0.8
8/30/2025 1:00 PM	0.0	6.3	15.2	0.1	-0.4	-0.5
8/30/2025 2:00 PM	0.0	6.6	14.8	0.1	0.1	0.0
8/30/2025 3:00 PM	0.0	6.5	13.6	0.1	0.4	0.3
8/30/2025 4:00 PM	0.0	6.2	12.6	0.1	0.5	0.4
8/30/2025 5:00 PM	0.0	5.9	13.3	0.0	1.1	1.1
8/30/2025 6:00 PM	0.0	6.1	20.0	0.0	3.2	3.2
8/30/2025 7:00 PM	2.2	7.5	18.4	0.0	6.0	6.0
8/30/2025 8:00 PM	2.2	8.0	16.3	0.0	5.0	4.9
8/30/2025 9:00 PM	2.1	7.5	12.8	0.0	3.0	3.0
8/30/2025 10:00 PM	1.8	7.6	13.2	0.0	1.4	1.5
8/30/2025 11:00 PM	0.8	7.8	13.0	0.0	0.8	0.8

Minimum	0.0	5.3	9.5	0.0	-0.8	-0.9
MinTime	12:00 AM	5:00 AM	4:00 AM	12:00 AM	9:00 AM	8:00 AM
Maximum	2.2	8.0	20.0	0.4	6.0	6.0
MaxTime	5:00 AM	8:00 PM	6:00 PM	7:00 AM	7:00 PM	7:00 PM
Daily Average	0.4	6.2	13.0	0.0	0.6	0.5
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, August 30, 2025

No.	Time	Comments
1	12:28:00 AM	There were VOC increases starting at around 5am. Continued for several hours, highest was 9.1 at 5:01am.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Monday, September 15, 2025

Sunday, August 31, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
8/31/2025 12:00 AM	0.4	7.5	12.4	0.0	0.2	0.3
8/31/2025 1:00 AM	0.1	7.3	11.3	0.0	-0.3	-0.3
8/31/2025 2:00 AM	0.3	7.1	11.4	0.0	-0.5	-0.5
8/31/2025 3:00 AM	0.0	6.7	10.6	0.0	-0.4	-0.4
8/31/2025 4:00 AM	0.2	6.9	11.2	0.1	-0.2	-0.3
8/31/2025 5:00 AM	0.3	6.3	10.1	0.0	-0.4	-0.4
8/31/2025 6:00 AM	0.3	6.5	11.3	0.2	0.1	-0.1
8/31/2025 7:00 AM	0.1	6.1	10.6	0.2	-0.2	-0.4
8/31/2025 8:00 AM	0.1	6.5	11.4	0.2	-0.2	-0.5
8/31/2025 9:00 AM	0.0	7.0	13.3	0.0	-0.8	-0.8
8/31/2025 10:00 AM	0.0	7.0	13.7	0.0	-0.8	-0.8
8/31/2025 11:00 AM	0.0	7.2	13.1	0.0	-0.9	-0.9
8/31/2025 12:00 PM	0.0	7.0	13.9	0.0	-0.5	-0.5
8/31/2025 1:00 PM	0.0	7.2	18.9	0.1	0.3	0.1
8/31/2025 2:00 PM	0.0	6.6	16.3	0.0	-0.3	-0.4
8/31/2025 3:00 PM	0.0	5.7	11.7	0.1	-0.1	-0.3
8/31/2025 4:00 PM	0.0	4.8	9.2	0.2	0.2	0.0
8/31/2025 5:00 PM	0.0	5.7	10.4	0.1	0.3	0.2
8/31/2025 6:00 PM	0.0	5.9	11.7	0.1	1.6	1.4
8/31/2025 7:00 PM	0.0	6.0	12.8	0.0	0.9	0.8
8/31/2025 8:00 PM	0.1	6.0	12.6	0.0	1.1	1.0
8/31/2025 9:00 PM	0.0	6.2	14.4	0.0	0.1	0.1
8/31/2025 10:00 PM	0.0	6.8	15.5	0.1	0.5	0.4
8/31/2025 11:00 PM	0.0	6.8	17.3	0.0	-0.1	-0.1

Minimum	0.0	4.8	9.2	0.0	-0.9	-0.9
MinTime	3:00 AM	4:00 PM	4:00 PM	12:00 AM	11:00 AM	11:00 AM
Maximum	0.4	7.5	18.9	0.2	1.6	1.4
MaxTime	12:00 AM	12:00 AM	1:00 PM	6:00 AM	6:00 PM	6:00 PM
Daily Average	0.0	6.5	12.7	0.0	0.0	-0.1
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, August 31, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, September 19, 2025

Monday, September 1, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/1/2025 12:00 AM	0.0	5.6	10.7	0.1	0.1	0.0
9/1/2025 1:00 AM	0.0	5.6	9.7	0.0	-0.3	-0.3
9/1/2025 2:00 AM	0.0	5.3	9.7	0.0	-0.2	-0.2
9/1/2025 3:00 AM	0.0	4.9	9.0	#N/A	#N/A	#N/A
9/1/2025 4:00 AM	0.0	4.9	9.7	0.1	0.4	0.3
9/1/2025 5:00 AM	2.5	5.6	12.0	#N/A	#N/A	#N/A
9/1/2025 6:00 AM	0.9	6.0	15.1	0.6	0.8	0.1
9/1/2025 7:00 AM	0.0	5.4	12.7	0.7	0.0	-0.6
9/1/2025 8:00 AM	0.0	5.5	10.7	0.4	0.0	-0.3
9/1/2025 9:00 AM	0.0	4.9	9.4	0.0	-0.9	-0.9
9/1/2025 10:00 AM	0.0	5.1	9.2	0.0	-1.0	-1.0
9/1/2025 11:00 AM	0.0	5.6	9.7	0.0	-0.9	-0.9
9/1/2025 12:00 PM	0.0	5.7	10.3	0.2	-0.4	-0.6
9/1/2025 1:00 PM	0.0	5.6	9.9	0.1	-0.4	-0.5
9/1/2025 2:00 PM	0.0	5.3	9.3	0.1	-0.5	-0.6
9/1/2025 3:00 PM	0.0	4.9	9.2	0.0	-0.7	-0.7
9/1/2025 4:00 PM	0.1	4.6	8.7	1.1	1.3	0.3
9/1/2025 5:00 PM	0.0	4.3	8.4	0.1	1.1	0.9
9/1/2025 6:00 PM	0.0	4.2	9.0	0.8	4.8	4.0
9/1/2025 7:00 PM	0.1	4.7	9.0	0.2	5.0	4.7
9/1/2025 8:00 PM	0.0	4.6	8.8	0.1	5.1	5.0
9/1/2025 9:00 PM	0.0	4.6	9.4	0.0	3.7	3.6
9/1/2025 10:00 PM	0.0	5.1	9.4	0.0	2.2	2.2
9/1/2025 11:00 PM	0.0	4.9	9.8	0.0	0.8	0.8

Minimum	0.0	4.2	8.4	0.0	-1.0	-1.0
MinTime	12:00 AM	6:00 PM	5:00 PM	1:00 AM	10:00 AM	10:00 AM
Maximum	2.5	6.0	15.1	1.1	5.1	5.0
MaxTime	5:00 AM	6:00 AM	6:00 AM	4:00 PM	8:00 PM	8:00 PM
Daily Average	0.1	5.1	9.9	0.2	0.9	0.6
Number	24	24	24	22	22	22
Data Hourly (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, September 01, 2025

No.	Time	Comments
1	12:00:00 AM	There were two sequences of calibration. However, we exceeded the required 75% completeness. There were VOC spikes throughout the day. The highest was 5.1 at 4:05p.
2	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
3	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
4	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,

42	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
43	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
44	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
57	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
58	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
59	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
68	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
69	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
83	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

89	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
90	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
113	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
114	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, September 23, 2025

Tuesday, September 2, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/2/2025 12:00 AM	0.0	4.5	9.9	0.0	0.4	0.4
9/2/2025 1:00 AM	0.0	4.1	9.1	0.0	0.6	0.5
9/2/2025 2:00 AM	0.0	3.6	7.6	0.1	0.5	0.4
9/2/2025 3:00 AM	0.0	3.6	8.1	0.1	0.8	0.7
9/2/2025 4:00 AM	0.0	3.6	7.5	0.0	0.4	0.4
9/2/2025 5:00 AM	0.0	3.8	8.8	0.5	2.9	2.4
9/2/2025 6:00 AM	0.5	4.0	10.6	1.4	4.5	3.1
9/2/2025 7:00 AM	0.1	3.8	8.9	1.9	4.1	2.1
9/2/2025 8:00 AM	0.0	3.5	8.6	0.4	0.2	-0.2
9/2/2025 9:00 AM	0.0	3.4	8.3	0.0	-0.8	-0.8
9/2/2025 10:00 AM	0.0	3.4	8.1	0.0	-0.8	-0.8
9/2/2025 11:00 AM	0.0	3.6	8.1	0.1	-0.3	-0.5
9/2/2025 12:00 PM	0.0	3.8	8.4	0.0	-0.4	-0.5
9/2/2025 1:00 PM	0.0	4.5	9.8	0.1	0.8	0.6
9/2/2025 2:00 PM	0.0	4.5	9.9	0.0	0.2	0.1
9/2/2025 3:00 PM	0.0	4.4	9.8	0.1	0.4	0.2
9/2/2025 4:00 PM	0.0	5.3	12.0	0.0	0.2	0.2
9/2/2025 5:00 PM	0.3	5.5	11.4	0.3	2.5	2.2
9/2/2025 6:00 PM	0.2	6.7	12.6	0.0	1.1	1.1
9/2/2025 7:00 PM	0.0	5.6	10.2	0.0	2.2	2.2
9/2/2025 8:00 PM	0.0	5.9	10.4	0.0	2.5	2.4
9/2/2025 9:00 PM	0.0	6.0	10.9	0.0	2.0	2.1
9/2/2025 10:00 PM	0.1	5.5	10.2	0.0	0.9	0.9
9/2/2025 11:00 PM	0.1	5.3	10.0	0.1	1.6	1.4

Minimum	0.0	3.4	7.5	0.0	-0.8	-0.8
MinTime	12:00 AM	9:00 AM	4:00 AM	12:00 AM	9:00 AM	9:00 AM
Maximum	0.5	6.7	12.6	1.9	4.5	3.1
MaxTime	6:00 AM	6:00 PM	6:00 PM	7:00 AM	6:00 AM	6:00 AM
Daily Average	0.0	4.4	9.5	0.2	1.1	0.8
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, September 02, 2025

No.	Time	Comments
1	12:00:00 AM	VOCs were detected throughout the day. Highest was 5.5 at 6:37pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, September 25, 2025

Wednesday, September 3, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/3/2025 12:00 AM	0.0	5.2	9.1	0.0	1.0	1.0
9/3/2025 1:00 AM	0.0	5.2	9.9	0.0	0.6	0.6
9/3/2025 2:00 AM	1.9	5.4	10.4	0.0	0.7	0.6
9/3/2025 3:00 AM	2.8	5.5	10.3	0.0	0.7	0.7
9/3/2025 4:00 AM	0.0	5.5	10.8	0.1	1.7	1.5
9/3/2025 5:00 AM	0.0	5.3	10.3	0.4	2.7	2.3
9/3/2025 6:00 AM	0.1	5.7	12.3	0.6	4.3	3.7
9/3/2025 7:00 AM	0.0	5.4	9.9	0.7	3.6	2.8
9/3/2025 8:00 AM	0.0	4.5	7.8	0.6	5.7	5.0
9/3/2025 9:00 AM	0.6	4.3	7.7	1.0	7.9	6.8
9/3/2025 10:00 AM	0.0	3.0	5.7	0.3	2.2	1.8
9/3/2025 11:00 AM	0.0	2.3	4.6	0.3	0.9	0.6
9/3/2025 12:00 PM	0.0	2.4	4.7	0.2	0.0	-0.3
9/3/2025 1:00 PM	0.0	2.0	3.8	0.5	0.3	-0.1
9/3/2025 2:00 PM	0.0	1.2	2.9	0.1	-0.4	-0.6
9/3/2025 3:00 PM	0.0	1.7	3.4	0.0	-0.7	-0.8
9/3/2025 4:00 PM	0.5	2.8	4.8	0.2	-0.2	-0.4
9/3/2025 5:00 PM	0.0	3.2	7.5	0.5	3.0	2.4
9/3/2025 6:00 PM	0.0	4.0	9.1	0.6	5.9	5.2
9/3/2025 7:00 PM	0.0	4.4	10.4	0.2	5.1	4.9
9/3/2025 8:00 PM	0.0	4.6	11.6	0.3	3.7	3.4
9/3/2025 9:00 PM	0.0	4.8	10.4	0.0	1.5	1.4
9/3/2025 10:00 PM	0.0	5.3	11.4	0.0	1.0	1.0
9/3/2025 11:00 PM	0.0	6.0	12.8	0.4	2.1	1.7

Minimum	0.0	1.2	2.9	0.0	-0.7	-0.8
MinTime	12:00 AM	2:00 PM	2:00 PM	12:00 AM	3:00 PM	3:00 PM
Maximum	2.8	6.0	12.8	1.0	7.9	6.8
MaxTime	3:00 AM	11:00 PM	11:00 PM	9:00 AM	9:00 AM	9:00 AM
Daily Average	0.2	4.1	8.4	0.2	2.2	1.8
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, September 03, 2025

No.	Time	Comments
1	1:08:00 PM	VOCs were detected throughout the day, highest was 10.2 at 4pm. Security camera detected mowing near the trailer from 4:09pm-4:16pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, September 26, 2025

Thursday, September 4, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/4/2025 12:00 AM	0.0	5.8	13.8	0.4	2.3	1.8
9/4/2025 1:00 AM	0.0	5.7	13.5	0.1	1.3	1.1
9/4/2025 2:00 AM	0.0	5.7	13.5	0.1	1.1	0.9
9/4/2025 3:00 AM	0.0	5.8	13.1	0.2	1.6	1.3
9/4/2025 4:00 AM	0.0	5.9	13.3	0.5	2.6	2.0
9/4/2025 5:00 AM	0.0	6.8	15.6	1.1	4.7	3.6
9/4/2025 6:00 AM	0.5	7.1	14.9	1.9	6.1	4.1
9/4/2025 7:00 AM	3.0	7.4	16.0	2.9	7.1	4.2
9/4/2025 8:00 AM	2.0	7.4	14.1	2.7	5.3	2.6
9/4/2025 9:00 AM	0.0	6.6	11.3	0.7	1.2	0.4
9/4/2025 10:00 AM	0.0	6.1	10.6	0.4	0.4	0.0
9/4/2025 11:00 AM	0.0	6.2	10.8	0.1	-0.1	-0.2
9/4/2025 12:00 PM	0.0	5.0	10.1	0.0	0.7	0.7
9/4/2025 1:00 PM	0.0	4.6	8.3	0.3	0.7	0.4
9/4/2025 2:00 PM	0.0	4.5	7.3	0.2	0.1	0.0
9/4/2025 3:00 PM	0.0	4.6	8.0	0.1	2.8	2.6
9/4/2025 4:00 PM	0.0	5.6	11.5	0.6	4.3	3.7
9/4/2025 5:00 PM	0.0	5.6	10.0	0.5	2.9	2.4
9/4/2025 6:00 PM	0.0	6.1	12.0	0.4	5.2	4.8
9/4/2025 7:00 PM	0.0	6.5	14.1	0.2	3.4	3.2
9/4/2025 8:00 PM	0.0	6.6	15.3	0.1	3.5	3.3
9/4/2025 9:00 PM	0.0	7.0	14.8	0.0	1.3	1.3
9/4/2025 10:00 PM	0.0	6.6	14.7	0.0	0.5	0.6
9/4/2025 11:00 PM	0.0	6.1	13.6	0.0	0.4	0.4

Minimum	0.0	4.5	7.3	0.0	-0.1	-0.2
MinTime	12:00 AM	2:00 PM	2:00 PM	12:00 PM	11:00 AM	11:00 AM
Maximum	3.0	7.4	16.0	2.9	7.1	4.8
MaxTime	7:00 AM	7:00 AM	7:00 AM	7:00 AM	7:00 AM	6:00 PM
Daily Average	0.2	6.0	12.5	0.5	2.4	1.8
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, September 04, 2025

No.	Time	Comments
1	12:00:00 AM	VOCs detected throughout the day, highest was 6.3 at 7:40am.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Sunday, September 28, 2025

Friday, September 5, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/5/2025 12:00 AM	0.1	6.3	13.4	0.0	0.8	0.7
9/5/2025 1:00 AM	0.0	6.5	14.0	0.0	0.0	0.0
9/5/2025 2:00 AM	0.0	6.8	13.9	0.0	-0.1	-0.2
9/5/2025 3:00 AM	0.0	7.3	15.0	0.0	0.3	0.3
9/5/2025 4:00 AM	0.0	7.4	15.0	0.1	1.1	0.9
9/5/2025 5:00 AM	0.0	7.5	14.3	0.3	2.5	2.2
9/5/2025 6:00 AM	0.0	7.9	15.5	0.7	2.7	2.0
9/5/2025 7:00 AM	0.0	7.4	14.4	1.2	2.4	1.2
9/5/2025 8:00 AM	0.2	8.5	16.3	0.9	1.9	1.0
9/5/2025 9:00 AM	1.3	8.8	18.0	2.3	6.9	4.5
9/5/2025 10:00 AM	1.6	7.8	15.6	3.4	6.3	2.9
9/5/2025 11:00 AM	0.0	9.6	15.8	0.4	0.9	0.5
9/5/2025 12:00 PM	0.0	10.7	16.2	0.0	-0.6	-0.6
9/5/2025 1:00 PM	0.0	10.8	16.8	0.0	-0.6	-0.6
9/5/2025 2:00 PM	0.1	10.7	17.1	0.0	-0.5	-0.5
9/5/2025 3:00 PM	0.0	11.3	24.3	0.0	-0.5	-0.5
9/5/2025 4:00 PM	0.0	10.8	17.0	0.0	-0.5	-0.5
9/5/2025 5:00 PM	4.9	11.1	18.4	0.4	3.0	2.5
9/5/2025 6:00 PM	0.0	11.3	19.3	0.3	4.6	4.3
9/5/2025 7:00 PM	0.0	12.3	22.5	0.2	5.1	4.9
9/5/2025 8:00 PM	0.6	12.8	23.0	0.3	3.5	3.1
9/5/2025 9:00 PM	0.1	13.7	23.7	0.4	2.2	1.8
9/5/2025 10:00 PM	0.1	15.7	25.8	0.1	1.0	0.9
9/5/2025 11:00 PM	0.0	17.6	27.6	0.0	0.2	0.2

Minimum	0.0	6.3	13.4	0.0	-0.6	-0.6
MinTime	1:00 AM	12:00 AM	12:00 AM	12:00 AM	12:00 PM	12:00 PM
Maximum	4.9	17.6	27.6	3.4	6.9	4.9
MaxTime	5:00 PM	11:00 PM	11:00 PM	10:00 AM	9:00 AM	7:00 PM
Daily Average	0.3	10.0	18.0	0.4	1.7	1.2
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, September 05, 2025

No.	Time	Comments
1	12:00:00 AM	VOCs detected throughout the day. Highest measure was 27.8 at 5:43pm. PM2.5 and PM10 also increased. Highest PM2.5 was 19.9 at 11:51pm. Highest PM10 was 73.6 at 3:23pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, September 30, 2025

Saturday, September 6, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/6/2025 12:00 AM	0.0	19.5	29.2	0.0	-0.1	-0.1
9/6/2025 1:00 AM	0.1	22.1	32.1	0.0	-0.5	-0.5
9/6/2025 2:00 AM	0.1	22.1	33.4	0.0	-0.5	-0.6
9/6/2025 3:00 AM	0.0	21.0	32.5	0.1	-0.1	-0.2
9/6/2025 4:00 AM	0.0	5.0	10.2	0.0	-0.8	-0.7
9/6/2025 5:00 AM	0.0	4.9	10.0	0.0	-0.2	-0.1
9/6/2025 6:00 AM	0.0	5.5	10.3	0.0	0.3	0.4
9/6/2025 7:00 AM	0.0	5.7	11.7	0.3	2.9	2.5
9/6/2025 8:00 AM	0.0	5.6	10.1	0.3	0.6	0.2
9/6/2025 9:00 AM	0.0	9.7	15.2	0.3	0.7	0.3
9/6/2025 10:00 AM	0.0	7.7	12.6	0.0	-0.5	-0.5
9/6/2025 11:00 AM	0.0	7.7	12.0	0.0	-0.8	-0.8
9/6/2025 12:00 PM	0.0	8.3	12.1	0.0	-0.9	-0.8
9/6/2025 1:00 PM	0.0	7.9	11.7	0.0	-0.3	-0.3
9/6/2025 2:00 PM	0.0	6.6	10.7	0.0	-0.1	-0.2
9/6/2025 3:00 PM	0.0	5.9	8.8	0.0	-0.5	-0.6
9/6/2025 4:00 PM	0.0	5.9	9.3	0.0	-0.4	-0.5
9/6/2025 5:00 PM	0.0	5.6	9.6	0.0	-0.8	-0.7
9/6/2025 6:00 PM	0.0	5.8	10.9	0.0	1.5	1.4
9/6/2025 7:00 PM	0.0	6.1	13.4	0.0	0.6	0.6
9/6/2025 8:00 PM	0.0	6.8	15.6	0.0	-0.5	-0.4
9/6/2025 9:00 PM	0.0	7.3	19.3	0.0	-0.1	-0.2
9/6/2025 10:00 PM	0.0	7.4	18.9	0.0	0.1	0.1
9/6/2025 11:00 PM	0.0	7.7	19.3	0.1	0.0	-0.1

Minimum	0.0	4.9	8.8	0.0	-0.9	-0.8
MinTime	12:00 AM	5:00 AM	3:00 PM	12:00 AM	12:00 PM	11:00 AM
Maximum	0.1	22.1	33.4	0.3	2.9	2.5
MaxTime	1:00 AM	1:00 AM	2:00 AM	7:00 AM	7:00 AM	7:00 AM
Daily Average	0.0	9.0	15.7	0.0	0.0	0.0
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, September 06, 2025

No.	Time	Comments
1	12:00:00 AM	VOCs were detected throughout the day.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, September 30, 2025

Sunday, September 7, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/7/2025 12:00 AM	0.0	3.5	10.0	0.1	-0.6	-0.7
9/7/2025 1:00 AM	0.0	1.6	4.1	0.0	-1.2	-1.1
9/7/2025 2:00 AM	0.0	3.4	7.7	0.0	-1.2	-1.2
9/7/2025 3:00 AM	0.0	3.8	7.7	0.0	-1.2	-1.2
9/7/2025 4:00 AM	0.0	3.8	7.5	0.0	-1.3	-1.2
9/7/2025 5:00 AM	0.0	4.4	9.2	0.0	-1.2	-1.1
9/7/2025 6:00 AM	0.0	4.6	9.5	0.0	-1.1	-1.1
9/7/2025 7:00 AM	0.0	4.5	9.3	0.0	-0.7	-0.7
9/7/2025 8:00 AM	0.0	4.4	10.4	0.1	-0.2	-0.3
9/7/2025 9:00 AM	0.0	4.8	12.2	0.2	-0.5	-0.7
9/7/2025 10:00 AM	0.0	5.3	12.2	0.2	-0.2	-0.5
9/7/2025 11:00 AM	0.0	5.0	12.9	0.1	-0.3	-0.5
9/7/2025 12:00 PM	0.0	4.4	11.0	0.3	-0.1	-0.5
9/7/2025 1:00 PM	0.0	4.1	11.1	0.2	-0.5	-0.7
9/7/2025 2:00 PM	0.0	3.9	9.8	0.1	-0.5	-0.7
9/7/2025 3:00 PM	0.0	3.8	10.1	0.2	-0.5	-0.7
9/7/2025 4:00 PM	0.0	3.7	9.5	0.2	0.1	-0.1
9/7/2025 5:00 PM	0.0	3.7	8.7	0.4	2.4	1.9
9/7/2025 6:00 PM	0.0	3.8	8.7	0.5	6.4	5.8
9/7/2025 7:00 PM	0.0	3.9	9.4	0.0	3.6	3.6
9/7/2025 8:00 PM	0.0	3.9	8.8	0.1	2.2	2.1
9/7/2025 9:00 PM	0.0	4.0	8.5	0.0	0.9	0.8
9/7/2025 10:00 PM	0.0	4.0	9.4	0.0	0.3	0.2
9/7/2025 11:00 PM	0.0	4.1	9.0	0.0	0.2	0.2

Minimum	0.0	1.6	4.1	0.0	-1.3	-1.2
MinTime	12:00 AM	1:00 AM	1:00 AM	1:00 AM	4:00 AM	2:00 AM
Maximum	0.0	5.3	12.9	0.5	6.4	5.8
MaxTime	12:00 AM	10:00 AM	11:00 AM	6:00 PM	6:00 PM	6:00 PM
Daily Average	0.0	4.0	9.4	0.1	0.2	0.0
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, September 07, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, October 2, 2025

Monday, September 8, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/8/2025 12:00 AM	0.0	4.4	10.2	0.0	0.0	0.0
9/8/2025 1:00 AM	0.0	4.1	9.4	0.0	-0.8	-0.8
9/8/2025 2:00 AM	0.0	4.1	9.3	0.0	-0.6	-0.5
9/8/2025 3:00 AM	0.0	4.1	10.0	#N/A	#N/A	#N/A
9/8/2025 4:00 AM	0.0	4.2	10.6	1.1	2.7	1.5
9/8/2025 5:00 AM	0.0	4.0	10.5	#N/A	#N/A	#N/A
9/8/2025 6:00 AM	0.0	3.9	9.7	1.5	2.9	1.4
9/8/2025 7:00 AM	0.0	4.0	9.6	2.2	3.0	0.7
9/8/2025 8:00 AM	0.0	5.0	13.0	2.2	3.0	0.8
9/8/2025 9:00 AM	0.0	4.8	11.0	0.6	0.3	-0.3
9/8/2025 10:00 AM	0.0	4.3	9.8	0.2	-0.5	-0.7
9/8/2025 11:00 AM	0.0	4.2	9.2	0.1	-0.6	-0.8
9/8/2025 12:00 PM	0.0	4.1	9.5	0.1	-0.6	-0.7
9/8/2025 1:00 PM	0.0	4.2	10.5	0.0	-0.6	-0.7
9/8/2025 2:00 PM	0.0	4.2	9.7	0.1	-0.2	-0.4
9/8/2025 3:00 PM	0.0	4.6	11.5	0.1	0.1	0.0
9/8/2025 4:00 PM	0.0	4.6	10.4	0.6	2.2	1.6
9/8/2025 5:00 PM	0.0	4.5	11.2	0.4	4.2	3.8
9/8/2025 6:00 PM	0.0	5.0	10.7	0.1	4.0	3.8
9/8/2025 7:00 PM	0.0	5.2	12.0	0.0	4.4	4.3
9/8/2025 8:00 PM	0.2	5.2	11.3	0.1	4.9	4.8
9/8/2025 9:00 PM	0.0	5.2	11.3	0.3	3.7	3.4
9/8/2025 10:00 PM	0.0	4.8	11.0	0.4	3.4	2.9
9/8/2025 11:00 PM	0.0	4.8	11.2	0.7	4.1	3.4

Minimum	0.0	3.9	9.2	0.0	-0.8	-0.8
MinTime	12:00 AM	6:00 AM	11:00 AM	12:00 AM	1:00 AM	1:00 AM
Maximum	0.2	5.2	13.0	2.2	4.9	4.8
MaxTime	8:00 PM	7:00 PM	8:00 AM	7:00 AM	8:00 PM	8:00 PM
Daily Average	0.0	4.4	10.5	0.4	1.7	1.2
Number	24	24	24	22	22	22
Data Hourly (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, September 08, 2025

No.	Time	Comments
1	12:00:00 AM	There were two calibration sequences, however we still exceed the 75% completeness requirement.
2	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
3	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
4	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
42	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,

43	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
44	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
57	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
58	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
59	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
68	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
69	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
83	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
89	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

90	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
113	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
114	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, October 3, 2025

Tuesday, September 9, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/9/2025 12:00 AM	0.0	4.7	10.8	0.2	2.3	2.0
9/9/2025 1:00 AM	0.0	4.4	10.2	0.0	0.1	0.1
9/9/2025 2:00 AM	0.0	4.3	9.7	0.0	0.1	0.1
9/9/2025 3:00 AM	0.0	4.1	8.7	0.2	0.6	0.3
9/9/2025 4:00 AM	0.0	3.9	9.4	0.2	1.3	1.1
9/9/2025 5:00 AM	0.0	3.9	9.3	0.6	3.0	2.3
9/9/2025 6:00 AM	0.3	3.8	9.4	1.7	5.9	4.2
9/9/2025 7:00 AM	0.3	3.8	9.2	1.7	3.9	2.1
9/9/2025 8:00 AM	0.0	3.5	8.3	0.8	1.0	0.2
9/9/2025 9:00 AM	0.0	3.5	8.0	0.2	-0.3	-0.6
9/9/2025 10:00 AM	0.0	3.5	8.9	0.1	-0.6	-0.7
9/9/2025 11:00 AM	0.0	3.9	8.3	0.1	-0.7	-0.8
9/9/2025 12:00 PM	0.0	4.3	8.9	0.2	-0.3	-0.5
9/9/2025 1:00 PM	0.0	4.8	12.0	0.1	-0.4	-0.5
9/9/2025 2:00 PM	0.0	5.0	12.0	0.1	-0.2	-0.3
9/9/2025 3:00 PM	0.0	4.9	11.5	0.3	0.8	0.5
9/9/2025 4:00 PM	0.0	4.9	11.1	0.0	0.6	0.5
9/9/2025 5:00 PM	0.0	5.2	11.2	0.2	4.2	4.0
9/9/2025 6:00 PM	0.0	5.0	11.4	0.2	8.3	8.1
9/9/2025 7:00 PM	0.0	5.1	9.8	0.0	7.4	7.3
9/9/2025 8:00 PM	0.1	5.6	11.6	0.0	4.0	4.0
9/9/2025 9:00 PM	0.1	6.0	11.9	0.0	1.4	1.4
9/9/2025 10:00 PM	0.1	6.1	11.0	0.0	1.1	1.1
9/9/2025 11:00 PM	0.1	6.0	11.6	0.0	1.0	1.0

Minimum	0.0	3.5	8.0	0.0	-0.7	-0.8
MinTime	12:00 AM	8:00 AM	9:00 AM	1:00 AM	11:00 AM	11:00 AM
Maximum	0.3	6.1	12.0	1.7	8.3	8.1
MaxTime	6:00 AM	10:00 PM	1:00 PM	6:00 AM	6:00 PM	6:00 PM
Daily Average	0.0	4.5	10.1	0.2	1.8	1.5
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, September 09, 2025

No.	Time	Comments
1	12:00:00 AM	Vocs detected throughout the day

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Monday, October 6, 2025

Wednesday, September 10, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/10/2025 12:00 AM	0.0	5.7	11.2	0.0	0.1	0.1
9/10/2025 1:00 AM	0.0	5.4	10.1	0.0	0.0	0.0
9/10/2025 2:00 AM	8.0	5.3	10.4	0.0	-0.2	-0.1
9/10/2025 3:00 AM	7.9	5.1	10.7	0.0	-0.3	-0.3
9/10/2025 4:00 AM	0.1	5.0	10.1	0.0	0.4	0.4
9/10/2025 5:00 AM	0.4	4.4	9.5	0.2	2.1	1.8
9/10/2025 6:00 AM	1.0	4.4	10.0	0.8	3.7	2.9
9/10/2025 7:00 AM	0.4	4.4	9.7	1.2	3.8	2.5
9/10/2025 8:00 AM	0.0	4.1	8.5	0.9	1.8	0.8
9/10/2025 9:00 AM	0.0	4.1	9.5	0.4	0.6	0.1
9/10/2025 10:00 AM	0.0	4.2	9.1	0.5	1.0	0.5
9/10/2025 11:00 AM	0.2	5.1	13.2	0.4	0.8	0.3
9/10/2025 12:00 PM	0.2	5.3	16.3	0.4	0.3	0.0
9/10/2025 1:00 PM	0.0	4.7	10.6	0.3	0.4	0.0
9/10/2025 2:00 PM	0.1	4.9	12.2	0.4	0.7	0.2
9/10/2025 3:00 PM	0.0	5.1	12.3	0.2	0.9	0.7
9/10/2025 4:00 PM	0.0	5.3	14.0	0.2	2.5	2.2
9/10/2025 5:00 PM	0.3	5.5	12.1	0.3	4.8	4.4
9/10/2025 6:00 PM	0.0	5.6	11.8	0.2	7.8	7.5
9/10/2025 7:00 PM	0.3	6.0	12.5	0.0	6.8	6.9
9/10/2025 8:00 PM	0.6	6.1	11.7	0.0	3.0	3.0
9/10/2025 9:00 PM	0.0	6.3	12.8	0.0	2.0	2.0
9/10/2025 10:00 PM	0.0	6.7	12.8	0.0	1.4	1.4
9/10/2025 11:00 PM	0.0	6.6	11.7	0.0	0.7	0.7

Minimum	0.0	4.1	8.5	0.0	-0.3	-0.3
MinTime	12:00 AM	8:00 AM	8:00 AM	12:00 AM	3:00 AM	3:00 AM
Maximum	8.0	6.7	16.3	1.2	7.8	7.5
MaxTime	2:00 AM	10:00 PM	12:00 PM	7:00 AM	6:00 PM	6:00 PM
Daily Average	0.8	5.2	11.3	0.2	1.8	1.5
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, September 10, 2025

No.	Time	Comments
1	12:01:00 AM	VOCs detected throughout the day, highest was 22.3 at 3:02am.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, October 7, 2025

Thursday, September 11, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/11/2025 12:00 AM	0.1	6.6	11.8	0.0	0.4	0.5
9/11/2025 1:00 AM	0.0	6.4	11.5	0.0	0.0	0.0
9/11/2025 2:00 AM	6.4	6.0	11.8	0.0	-0.3	-0.3
9/11/2025 3:00 AM	0.4	5.8	10.0	0.0	-0.2	-0.2
9/11/2025 4:00 AM	0.2	5.8	11.0	0.0	0.9	0.8
9/11/2025 5:00 AM	0.4	5.6	11.2	0.2	1.2	0.9
9/11/2025 6:00 AM	1.2	5.6	10.6	0.8	2.9	2.1
9/11/2025 7:00 AM	1.0	5.3	10.2	1.4	3.0	1.6
9/11/2025 8:00 AM	0.4	5.2	9.4	1.0	1.8	0.8
9/11/2025 9:00 AM	0.0	5.5	11.7	0.4	0.3	0.0
9/11/2025 10:00 AM	0.0	5.7	12.7	0.2	0.1	0.0
9/11/2025 11:00 AM	0.3	5.6	11.5	0.2	0.3	0.0
9/11/2025 12:00 PM	3.9	6.4	13.9	0.1	0.6	0.4
9/11/2025 1:00 PM	0.0	6.0	13.3	0.0	0.1	0.0
9/11/2025 2:00 PM	0.5	6.9	18.5	0.6	1.6	1.0
9/11/2025 3:00 PM	0.3	6.4	14.4	0.0	0.4	0.3
9/11/2025 4:00 PM	1.9	6.5	16.8	0.4	2.0	1.5
9/11/2025 5:00 PM	0.1	6.4	14.0	0.2	6.2	5.9
9/11/2025 6:00 PM	0.0	6.5	17.8	0.1	7.3	7.2
9/11/2025 7:00 PM	0.5	6.9	15.4	0.0	4.8	4.8
9/11/2025 8:00 PM	0.4	7.0	14.2	0.0	2.6	2.5
9/11/2025 9:00 PM	0.3	6.4	12.6	0.0	1.7	1.8
9/11/2025 10:00 PM	0.0	6.0	11.8	0.0	0.4	0.5
9/11/2025 11:00 PM	0.0	6.1	11.9	0.0	0.0	0.0

Minimum	0.0	5.2	9.4	0.0	-0.3	-0.3
MinTime	1:00 AM	8:00 AM	8:00 AM	12:00 AM	2:00 AM	2:00 AM
Maximum	6.4	7.0	18.5	1.4	7.3	7.2
MaxTime	2:00 AM	8:00 PM	2:00 PM	7:00 AM	6:00 PM	6:00 PM
Daily Average	0.7	6.1	12.8	0.2	1.5	1.3
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, September 11, 2025

No.	Time	Comments
1	12:00:00 AM	VOCs were detected throughout the day. Highest measured was 98.7 at 12:48PM. Security camera recorded mowing near the trailer at 2:31PM.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, October 7, 2025

Friday, September 12, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/12/2025 12:00 AM	0.0	6.3	11.5	0.0	-0.4	-0.4
9/12/2025 1:00 AM	0.6	6.6	11.9	0.0	-0.5	-0.5
9/12/2025 2:00 AM	8.9	7.1	13.3	0.0	-0.1	-0.1
9/12/2025 3:00 AM	0.3	6.7	12.7	0.0	-0.2	-0.2
9/12/2025 4:00 AM	0.3	5.8	10.7	0.0	-0.2	-0.2
9/12/2025 5:00 AM	0.0	6.0	11.1	0.1	0.8	0.6
9/12/2025 6:00 AM	0.3	5.6	11.1	0.4	1.8	1.3
9/12/2025 7:00 AM	0.6	6.6	12.7	0.9	2.1	1.1
9/12/2025 8:00 AM	0.2	6.3	12.5	0.4	0.1	-0.3
9/12/2025 9:00 AM	0.0	5.1	11.5	0.1	-0.2	-0.4
9/12/2025 10:00 AM	0.0	5.5	12.8	0.1	0.1	0.0
9/12/2025 11:00 AM	0.4	5.3	12.0	0.2	0.8	0.5
9/12/2025 12:00 PM	0.0	5.0	11.8	0.1	0.0	-0.1
9/12/2025 1:00 PM	0.0	5.0	14.9	0.1	0.2	0.0
9/12/2025 2:00 PM	0.0	5.2	15.2	0.1	0.5	0.4
9/12/2025 3:00 PM	0.0	5.0	13.2	0.1	0.9	0.7
9/12/2025 4:00 PM	0.0	4.7	11.6	0.1	1.1	1.0
9/12/2025 5:00 PM	0.5	4.7	11.7	0.1	5.6	5.4
9/12/2025 6:00 PM	2.3	7.5	17.0	0.1	9.9	9.7
9/12/2025 7:00 PM	2.1	6.5	14.0	0.0	6.9	7.0
9/12/2025 8:00 PM	3.9	8.9	16.6	0.0	3.5	3.5
9/12/2025 9:00 PM	3.7	10.1	17.1	0.0	2.4	2.4
9/12/2025 10:00 PM	3.3	13.8	20.8	0.0	1.6	1.7
9/12/2025 11:00 PM	3.8	19.9	27.9	0.0	0.9	1.0

Minimum	0.0	4.7	10.7	0.0	-0.5	-0.5
MinTime	12:00 AM	4:00 PM	4:00 AM	12:00 AM	1:00 AM	1:00 AM
Maximum	8.9	19.9	27.9	0.9	9.9	9.7
MaxTime	2:00 AM	11:00 PM	11:00 PM	7:00 AM	6:00 PM	6:00 PM
Daily Average	1.3	7.0	13.9	0.1	1.5	1.4
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	99.93%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, September 12, 2025

No.	Time	Comments
1	12:01:00 AM	VOC: ND ,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, October 8, 2025

Saturday, September 13, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/13/2025 12:00 AM	1.9	15.8	23.4	0.0	0.4	0.4
9/13/2025 1:00 AM	0.7	11.1	18.1	0.0	-0.4	-0.4
9/13/2025 2:00 AM	0.5	11.4	18.2	0.0	-0.5	-0.5
9/13/2025 3:00 AM	0.1	11.0	17.7	0.0	-0.5	-0.5
9/13/2025 4:00 AM	0.3	10.0	17.2	0.0	-0.5	-0.4
9/13/2025 5:00 AM	0.4	9.0	15.3	0.0	-0.2	-0.1
9/13/2025 6:00 AM	0.0	8.0	13.7	0.0	0.0	0.0
9/13/2025 7:00 AM	0.3	9.1	15.1	0.4	0.5	0.0
9/13/2025 8:00 AM	0.0	7.4	14.0	0.2	-0.1	-0.3
9/13/2025 9:00 AM	0.0	6.2	11.9	0.0	-0.6	-0.7
9/13/2025 10:00 AM	0.0	6.0	12.1	0.0	-0.4	-0.4
9/13/2025 11:00 AM	0.0	6.2	13.6	0.1	0.0	-0.1
9/13/2025 12:00 PM	0.0	6.3	13.4	0.0	-0.2	-0.2
9/13/2025 1:00 PM	0.3	6.0	12.0	0.1	-0.2	-0.3
9/13/2025 2:00 PM	0.0	5.8	11.1	0.0	-0.5	-0.5
9/13/2025 3:00 PM	0.0	6.0	11.3	0.0	-0.4	-0.4
9/13/2025 4:00 PM	0.0	5.9	11.9	0.0	0.0	0.0
9/13/2025 5:00 PM	2.1	7.6	13.5	0.1	2.6	2.5
9/13/2025 6:00 PM	0.9	7.7	23.2	0.0	5.6	5.7
9/13/2025 7:00 PM	0.4	6.5	12.7	0.0	4.6	4.7
9/13/2025 8:00 PM	0.3	9.0	15.5	0.0	2.3	2.4
9/13/2025 9:00 PM	0.1	8.6	14.9	0.0	1.4	1.4
9/13/2025 10:00 PM	0.1	8.4	14.3	0.0	0.5	0.4
9/13/2025 11:00 PM	0.1	8.2	14.4	0.0	0.2	0.2

Minimum	0.0	5.8	11.1	0.0	-0.6	-0.7
MinTime	6:00 AM	2:00 PM	2:00 PM	12:00 AM	9:00 AM	9:00 AM
Maximum	2.1	15.8	23.4	0.4	5.6	5.7
MaxTime	5:00 PM	12:00 AM	12:00 AM	7:00 AM	6:00 PM	6:00 PM
Daily Average	0.3	8.2	14.9	0.0	0.5	0.5
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, September 13, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, October 14, 2025

Sunday, September 14, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/14/2025 12:00 AM	0.0	8.5	14.2	0.0	-0.1	0.0
9/14/2025 1:00 AM	0.0	8.7	15.0	0.0	-0.4	-0.3
9/14/2025 2:00 AM	0.0	8.0	14.5	0.0	-0.6	-0.5
9/14/2025 3:00 AM	0.0	7.9	13.9	0.0	-0.7	-0.7
9/14/2025 4:00 AM	0.0	7.3	12.2	0.0	-0.7	-0.7
9/14/2025 5:00 AM	0.0	7.2	13.4	0.0	-0.2	-0.3
9/14/2025 6:00 AM	0.0	6.8	12.8	0.0	-0.4	-0.5
9/14/2025 7:00 AM	0.0	6.7	11.7	0.2	-0.3	-0.5
9/14/2025 8:00 AM	0.0	6.8	12.6	0.2	0.0	-0.3
9/14/2025 9:00 AM	0.0	6.6	13.5	0.1	-0.1	-0.2
9/14/2025 10:00 AM	0.0	6.8	12.8	0.0	-0.1	-0.2
9/14/2025 11:00 AM	0.0	7.3	15.8	0.0	0.0	0.0
9/14/2025 12:00 PM	0.8	7.2	13.9	0.0	-0.2	-0.2
9/14/2025 1:00 PM	0.5	8.8	22.2	0.7	2.6	1.9
9/14/2025 2:00 PM	0.1	10.5	38.9	0.6	1.6	1.0
9/14/2025 3:00 PM	0.2	9.5	21.0	0.1	0.2	0.1
9/14/2025 4:00 PM	0.2	8.9	16.1	0.0	1.0	0.9
9/14/2025 5:00 PM	0.0	8.8	15.5	0.0	2.0	1.9
9/14/2025 6:00 PM	0.1	9.6	20.8	0.0	4.3	4.3
9/14/2025 7:00 PM	0.6	9.0	17.1	0.0	6.8	6.9
9/14/2025 8:00 PM	0.9	8.4	16.5	0.0	5.2	5.2
9/14/2025 9:00 PM	0.4	8.9	16.0	0.0	2.5	2.5
9/14/2025 10:00 PM	0.3	9.1	15.7	0.0	0.9	0.8
9/14/2025 11:00 PM	0.2	9.0	14.9	0.0	0.6	0.5

Minimum	0.0	6.6	11.7	0.0	-0.7	-0.7
MinTime	12:00 AM	9:00 AM	7:00 AM	12:00 AM	3:00 AM	3:00 AM
Maximum	0.9	10.5	38.9	0.7	6.8	6.9
MaxTime	8:00 PM	2:00 PM	2:00 PM	1:00 PM	7:00 PM	7:00 PM
Daily Average	0.1	8.1	16.2	0.0	0.9	0.9
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, September 14, 2025

No.	Time	Comments
1	12:00:00 AM	Site host reported that they raked and baled hay from 1:00pm-4:30pm. There were increases in VOCs-highest was 17.5 at 12:29pm. In addition, there were spikes in PM2.2-15.3 at 2:55pm, PM10-173 at 2:55pm, NO -14.4 at 2:59pm, NOX-46.2 at 2:53pm, NO2 32.1 at 2:53pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Tuesday, October 14, 2025

Monday, September 15, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/15/2025 12:00 AM	0.3	9.3	15.1	0.0	0.3	0.4
9/15/2025 1:00 AM	0.1	9.2	15.4	0.0	0.0	0.0
9/15/2025 2:00 AM	0.1	9.5	16.6	0.0	0.0	0.0
9/15/2025 3:00 AM	0.0	9.6	15.9	#N/A	#N/A	#N/A
9/15/2025 4:00 AM	0.0	9.8	16.3	0.0	0.5	0.4
9/15/2025 5:00 AM	0.1	9.4	15.0	#N/A	#N/A	#N/A
9/15/2025 6:00 AM	0.4	8.9	15.5	1.4	5.1	3.6
9/15/2025 7:00 AM	0.2	8.4	15.8	1.1	3.9	2.8
9/15/2025 8:00 AM	0.5	8.4	14.8	1.1	3.0	1.9
9/15/2025 9:00 AM	0.0	8.6	15.0	0.4	0.5	0.0
9/15/2025 10:00 AM	0.0	8.6	15.3	0.1	0.0	0.0
9/15/2025 11:00 AM	0.2	10.0	17.1	0.1	0.7	0.5
9/15/2025 12:00 PM	0.1	10.1	19.6	0.0	0.5	0.4
9/15/2025 1:00 PM	0.0	10.2	19.2	0.1	0.9	0.8
9/15/2025 2:00 PM	0.0	10.2	20.1	0.0	0.7	0.6
9/15/2025 3:00 PM	0.0	10.1	18.5	0.0	0.9	0.8
9/15/2025 4:00 PM	0.2	9.4	16.8	0.2	4.9	4.7
9/15/2025 5:00 PM	0.1	9.4	16.8	0.2	5.2	5.0
9/15/2025 6:00 PM	0.0	8.8	16.6	0.0	4.2	4.1
9/15/2025 7:00 PM	0.1	9.3	19.2	0.0	2.9	2.9
9/15/2025 8:00 PM	0.9	10.7	18.3	0.0	3.3	3.2
9/15/2025 9:00 PM	0.8	9.8	16.5	0.0	3.9	3.8
9/15/2025 10:00 PM	0.7	8.8	17.1	0.0	3.9	3.9
9/15/2025 11:00 PM	0.0	8.4	14.3	0.0	2.2	2.2

Minimum	0.0	8.4	14.3	0.0	0.0	0.0
MinTime	3:00 AM	7:00 AM	11:00 PM	12:00 AM	1:00 AM	1:00 AM
Maximum	0.9	10.7	20.1	1.4	5.2	5.0
MaxTime	8:00 PM	8:00 PM	2:00 PM	6:00 AM	5:00 PM	5:00 PM
Daily Average	0.2	9.3	16.7	0.2	2.1	1.9
Number	24	24	24	22	22	22
Data Hourly (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, September 15, 2025

No.	Time	Comments
1	12:00:00 AM	2 sequences of calibration, We met required 75% completeness.
2	12:01:00 AM	Site host reported that the asphalt plant ran off and on since 7:00am, noticed some smoke and smell
3	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
4	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
42	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,

43	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
44	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
57	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
58	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
59	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
68	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
69	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
83	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
89	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

90	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
113	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
114	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
122	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, October 15, 2025

Tuesday, September 16, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/16/2025 12:00 AM	0.0	8.3	14.5	0.0	1.7	1.7
9/16/2025 1:00 AM	0.0	8.4	14.5	0.0	1.4	1.3
9/16/2025 2:00 AM	0.0	8.3	15.5	0.0	1.5	1.4
9/16/2025 3:00 AM	0.0	8.5	15.1	0.1	2.6	2.4
9/16/2025 4:00 AM	0.0	9.0	16.3	0.1	3.3	3.2
9/16/2025 5:00 AM	0.0	9.6	17.2	0.1	2.7	2.5
9/16/2025 6:00 AM	0.2	9.9	20.3	0.8	6.0	5.1
9/16/2025 7:00 AM	0.3	9.2	16.3	0.8	3.4	2.6
9/16/2025 8:00 AM	0.0	8.8	13.8	0.2	0.2	0.0
9/16/2025 9:00 AM	0.0	8.4	14.7	0.3	0.7	0.4
9/16/2025 10:00 AM	0.2	8.2	17.0	0.4	1.1	0.7
9/16/2025 11:00 AM	0.0	7.9	13.8	0.3	0.6	0.3
9/16/2025 12:00 PM	0.0	8.5	14.7	0.0	-0.2	-0.2
9/16/2025 1:00 PM	0.0	9.6	15.9	0.0	0.5	0.4
9/16/2025 2:00 PM	0.0	9.8	16.6	0.0	0.3	0.2
9/16/2025 3:00 PM	0.0	9.0	14.8	0.0	0.0	0.0
9/16/2025 4:00 PM	0.0	9.7	16.4	0.0	0.2	0.2
9/16/2025 5:00 PM	0.0	9.3	17.2	0.1	2.6	2.4
9/16/2025 6:00 PM	0.0	9.0	16.4	0.0	3.1	3.1
9/16/2025 7:00 PM	0.0	8.8	16.2	0.0	3.5	3.4
9/16/2025 8:00 PM	0.0	8.8	15.2	0.0	2.9	2.9
9/16/2025 9:00 PM	0.0	9.0	15.7	0.1	4.1	4.0
9/16/2025 10:00 PM	0.0	8.5	14.4	0.0	1.8	1.7
9/16/2025 11:00 PM	0.0	8.5	14.5	0.0	0.9	0.9

Minimum	0.0	7.9	13.8	0.0	-0.2	-0.2
MinTime	12:00 AM	11:00 AM	8:00 AM	12:00 AM	12:00 PM	12:00 PM
Maximum	0.3	9.9	20.3	0.8	6.0	5.1
MaxTime	7:00 AM	6:00 AM	6:00 AM	6:00 AM	6:00 AM	6:00 AM
Daily Average	0.0	8.8	15.7	0.1	1.8	1.6
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, September 16, 2025

No.	Time	Comments
1	12:00:00 AM	Site host reported that the asphalt ran off and on from 7:00am to 4pm. He observed smoke and detected an odor.
2	11:47:00 PM	Site host reported that the asphalt plant ran off and on from 7am to 4pm. He said that there was smoke and odor.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, October 16, 2025

Wednesday, September 17, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/17/2025 12:00 AM	0.0	8.4	15.1	0.1	0.8	0.7
9/17/2025 1:00 AM	0.1	9.0	16.0	0.3	1.2	0.8
9/17/2025 2:00 AM	2.1	9.3	16.6	0.3	0.9	0.5
9/17/2025 3:00 AM	2.6	8.8	16.2	0.5	1.2	0.6
9/17/2025 4:00 AM	0.2	8.5	16.2	0.2	0.9	0.6
9/17/2025 5:00 AM	0.0	7.8	14.7	0.3	1.6	1.2
9/17/2025 6:00 AM	0.0	7.1	14.0	0.8	2.7	1.8
9/17/2025 7:00 AM	0.0	7.6	13.5	1.1	2.4	1.2
9/17/2025 8:00 AM	0.0	7.7	13.7	1.1	1.9	0.8
9/17/2025 9:00 AM	0.0	8.0	13.3	0.2	0.0	-0.2
9/17/2025 10:00 AM	0.9	9.0	17.6	0.3	1.3	1.0
9/17/2025 11:00 AM	0.0	8.5	17.0	0.1	0.5	0.3
9/17/2025 12:00 PM	0.2	8.4	17.7	0.2	0.5	0.3
9/17/2025 1:00 PM	0.0	8.4	16.2	0.2	0.8	0.6
9/17/2025 2:00 PM	0.0	8.0	17.3	0.4	1.8	1.4
9/17/2025 3:00 PM	0.0	8.2	16.6	0.1	1.1	1.0
9/17/2025 4:00 PM	0.0	8.4	17.3	0.0	1.2	1.1
9/17/2025 5:00 PM	0.0	8.2	16.5	0.1	2.1	2.0
9/17/2025 6:00 PM	0.0	8.0	16.8	0.0	5.1	5.0
9/17/2025 7:00 PM	0.0	8.1	17.2	0.0	8.0	8.0
9/17/2025 8:00 PM	0.0	8.1	15.2	0.2	7.6	7.4
9/17/2025 9:00 PM	0.0	8.3	14.0	0.0	2.0	1.9
9/17/2025 10:00 PM	0.0	8.7	14.5	0.0	1.5	1.5
9/17/2025 11:00 PM	0.0	8.7	14.8	0.0	1.0	1.0

Minimum	0.0	7.1	13.3	0.0	0.0	-0.2
MinTime	12:00 AM	6:00 AM	9:00 AM	4:00 PM	9:00 AM	9:00 AM
Maximum	2.6	9.3	17.7	1.1	8.0	8.0
MaxTime	3:00 AM	2:00 AM	12:00 PM	7:00 AM	7:00 PM	7:00 PM
Daily Average	0.2	8.3	15.7	0.2	2.0	1.6
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, September 17, 2025

No.	Time	Comments
1	12:00:00 AM 10:14am	Highest Vocs were detected at around 10:00am. 27.3 was the highest measured at 10:14am. Site host reported that the asphalt plant ran off and on from 7:00am to 4:00pm and that he noticed smoke and odors.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, October 16, 2025

Thursday, September 18, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/18/2025 12:00 AM	0.0	8.9	15.4	0.0	0.4	0.4
9/18/2025 1:00 AM	0.1	8.6	14.8	0.0	0.2	0.2
9/18/2025 2:00 AM	9.0	8.4	14.8	0.0	0.0	0.0
9/18/2025 3:00 AM	0.2	8.2	14.9	0.0	0.4	0.4
9/18/2025 4:00 AM	0.1	8.5	14.2	0.0	0.6	0.5
9/18/2025 5:00 AM	0.1	7.8	13.9	0.2	1.3	1.0
9/18/2025 6:00 AM	0.1	7.9	14.6	0.3	2.5	2.0
9/18/2025 7:00 AM	1.3	7.8	13.5	1.3	3.4	2.1
9/18/2025 8:00 AM	0.2	7.7	15.3	0.4	0.0	-0.3
9/18/2025 9:00 AM	0.1	7.9	15.9	0.1	-0.3	-0.4
9/18/2025 10:00 AM	0.0	7.5	13.9	0.0	-0.4	-0.5
9/18/2025 11:00 AM	0.0	7.9	17.1	0.1	0.1	0.0
9/18/2025 12:00 PM	0.0	8.2	17.6	0.1	0.2	0.1
9/18/2025 1:00 PM	0.0	7.7	16.0	0.1	0.3	0.2
9/18/2025 2:00 PM	0.0	7.6	14.6	0.1	0.3	0.1
9/18/2025 3:00 PM	0.0	7.2	13.2	0.1	1.0	0.8
9/18/2025 4:00 PM	0.0	6.9	15.1	0.2	2.1	1.8
9/18/2025 5:00 PM	1.0	7.0	13.2	0.3	5.8	5.5
9/18/2025 6:00 PM	0.2	7.0	14.4	0.0	7.5	7.5
9/18/2025 7:00 PM	0.5	7.6	18.1	0.0	7.1	7.1
9/18/2025 8:00 PM	0.7	7.5	13.8	0.0	3.3	3.4
9/18/2025 9:00 PM	0.0	8.3	14.2	0.0	1.4	1.4
9/18/2025 10:00 PM	0.0	8.3	14.5	0.0	1.1	1.1
9/18/2025 11:00 PM	0.0	8.1	13.8	0.0	0.2	0.2

Minimum	0.0	6.9	13.2	0.0	-0.4	-0.5
MinTime	12:00 AM	4:00 PM	3:00 PM	12:00 AM	10:00 AM	10:00 AM
Maximum	9.0	8.9	18.1	1.3	7.5	7.5
MaxTime	2:00 AM	12:00 AM	7:00 PM	7:00 AM	6:00 PM	6:00 PM
Daily Average	0.5	7.8	14.8	0.1	1.6	1.4
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, September 18, 2025

No.	Time	Comments
1	12:00:00 AM	Site host reported that the asphalt plant ran from 7:00am to 4:00 pm. He observed smoke and there was an odor. VOCs highest 17.5 at 2:29am.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Sunday, October 19, 2025

Friday, September 19, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/19/2025 12:00 AM	0.1	7.8	13.2	0.0	0.0	0.0
9/19/2025 1:00 AM	0.1	7.8	13.0	0.0	0.1	0.0
9/19/2025 2:00 AM	0.0	7.8	12.9	0.0	0.0	0.0
9/19/2025 3:00 AM	0.0	7.7	13.9	0.0	-0.3	-0.3
9/19/2025 4:00 AM	0.0	7.8	13.0	0.0	0.1	0.1
9/19/2025 5:00 AM	0.0	7.9	13.8	0.2	1.5	1.3
9/19/2025 6:00 AM	0.1	7.7	13.8	0.2	1.9	1.6
9/19/2025 7:00 AM	0.1	7.2	13.4	1.0	2.4	1.4
9/19/2025 8:00 AM	0.0	7.8	15.3	0.5	0.8	0.2
9/19/2025 9:00 AM	0.0	7.9	15.4	0.7	1.4	0.6
9/19/2025 10:00 AM	0.0	7.8	14.4	0.1	0.0	-0.2
9/19/2025 11:00 AM	0.0	8.0	15.1	0.1	-0.1	-0.3
9/19/2025 12:00 PM	0.1	7.6	15.3	0.1	0.0	-0.1
9/19/2025 1:00 PM	0.0	8.3	17.7	0.1	0.3	0.1
9/19/2025 2:00 PM	0.0	7.5	15.2	0.0	0.3	0.2
9/19/2025 3:00 PM	0.0	6.1	13.2	0.2	0.7	0.5
9/19/2025 4:00 PM	0.1	6.4	20.5	0.3	2.5	2.2
9/19/2025 5:00 PM	0.0	6.8	15.7	0.1	4.1	4.0
9/19/2025 6:00 PM	0.2	7.2	17.2	0.0	8.2	8.1
9/19/2025 7:00 PM	0.2	6.7	13.8	0.0	4.5	4.6
9/19/2025 8:00 PM	0.4	7.0	13.2	0.0	2.7	2.7
9/19/2025 9:00 PM	0.3	7.4	13.0	0.0	3.3	3.3
9/19/2025 10:00 PM	0.1	7.3	12.7	0.0	2.1	2.1
9/19/2025 11:00 PM	0.0	6.9	11.2	0.0	0.9	0.8

Minimum	0.0	6.1	11.2	0.0	-0.3	-0.3
MinTime	2:00 AM	3:00 PM	11:00 PM	12:00 AM	3:00 AM	3:00 AM
Maximum	0.4	8.3	20.5	1.0	8.2	8.1
MaxTime	8:00 PM	1:00 PM	4:00 PM	7:00 AM	6:00 PM	6:00 PM
Daily Average	0.0	7.4	14.4	0.1	1.5	1.3
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, September 19, 2025

No.	Time	Comments
1	12:00:00 AM	Security camera detected mowing at 4:00pm EST. Site host reported that asphalt plant activities were inconsistent this day, and that there was a Northern breeze.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Sunday, October 19, 2025

Saturday, September 20, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/20/2025 12:00 AM	0.0	6.9	11.7	0.0	0.3	0.3
9/20/2025 1:00 AM	0.0	7.0	11.5	0.0	0.0	0.0
9/20/2025 2:00 AM	0.0	6.9	11.1	0.0	0.1	0.1
9/20/2025 3:00 AM	0.0	6.6	10.7	0.0	-0.7	-0.7
9/20/2025 4:00 AM	0.0	6.7	10.9	0.0	-0.5	-0.5
9/20/2025 5:00 AM	0.0	6.6	11.0	0.0	0.1	0.1
9/20/2025 6:00 AM	0.0	6.6	11.3	0.1	0.2	0.0
9/20/2025 7:00 AM	0.0	6.5	11.5	0.5	0.7	0.1
9/20/2025 8:00 AM	0.0	6.6	12.1	0.4	0.2	-0.2
9/20/2025 9:00 AM	0.0	6.9	12.0	0.0	-0.7	-0.8
9/20/2025 10:00 AM	0.0	7.6	13.4	0.0	-0.6	-0.6
9/20/2025 11:00 AM	0.0	7.3	13.5	0.0	-0.6	-0.6
9/20/2025 12:00 PM	0.0	6.7	12.0	0.0	-0.6	-0.6
9/20/2025 1:00 PM	0.0	6.3	12.8	0.0	-0.9	-0.9
9/20/2025 2:00 PM	0.0	6.6	12.6	0.0	-0.7	-0.6
9/20/2025 3:00 PM	0.0	6.4	12.3	0.0	-0.1	-0.1
9/20/2025 4:00 PM	0.0	6.6	13.6	0.0	0.2	0.2
9/20/2025 5:00 PM	0.0	5.7	11.8	0.0	1.0	1.0
9/20/2025 6:00 PM	0.0	5.8	12.7	0.0	1.7	1.8
9/20/2025 7:00 PM	0.0	5.9	12.1	0.0	2.9	2.9
9/20/2025 8:00 PM	0.0	6.2	12.6	0.0	2.0	2.0
9/20/2025 9:00 PM	0.0	6.1	11.8	0.0	2.1	2.1
9/20/2025 10:00 PM	0.0	6.5	12.8	0.0	1.3	1.3
9/20/2025 11:00 PM	0.0	6.7	11.8	0.0	0.3	0.3

Minimum	0.0	5.7	10.7	0.0	-0.9	-0.9
MinTime	12:00 AM	5:00 PM	3:00 AM	12:00 AM	1:00 PM	1:00 PM
Maximum	0.0	7.6	13.6	0.5	2.9	2.9
MaxTime	12:00 AM	10:00 AM	4:00 PM	7:00 AM	7:00 PM	7:00 PM
Daily Average	0.0	6.5	12.0	0.0	0.3	0.2
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, September 20, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: October 21 2025

Sunday, September 21, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/21/2025 12:00 AM	0.0	6.9	13.2	0.0	0.2	0.2
9/21/2025 1:00 AM	0.0	6.9	12.6	0.0	0.2	0.1
9/21/2025 2:00 AM	0.0	7.3	12.7	0.0	-0.3	-0.3
9/21/2025 3:00 AM	0.0	7.7	13.7	0.0	-0.4	-0.4
9/21/2025 4:00 AM	0.0	8.3	15.7	0.0	-0.6	-0.6
9/21/2025 5:00 AM	0.0	8.5	15.4	0.0	-0.2	-0.1
9/21/2025 6:00 AM	0.2	9.1	15.9	0.0	0.3	0.2
9/21/2025 7:00 AM	0.3	10.2	16.6	0.4	0.6	0.2
9/21/2025 8:00 AM	0.2	10.5	17.3	0.2	0.1	0.0
9/21/2025 9:00 AM	0.0	10.7	17.9	0.0	-0.1	-0.2
9/21/2025 10:00 AM	0.0	10.4	16.6	0.0	-0.4	-0.5
9/21/2025 11:00 AM	0.0	10.2	15.9	0.0	-0.7	-0.7
9/21/2025 12:00 PM	0.0	10.4	16.2	0.0	-0.6	-0.6
9/21/2025 1:00 PM	0.0	10.6	16.4	0.0	-0.8	-0.8
9/21/2025 2:00 PM	0.0	10.4	15.7	0.0	-0.2	-0.2
9/21/2025 3:00 PM	0.5	10.0	14.4	0.0	0.3	0.3
9/21/2025 4:00 PM	0.0	9.8	18.2	0.1	1.0	0.9
9/21/2025 5:00 PM	0.0	9.8	16.7	0.2	3.3	3.0
9/21/2025 6:00 PM	0.2	11.1	19.4	0.1	4.4	4.2
9/21/2025 7:00 PM	0.0	11.5	17.9	0.0	3.2	3.2
9/21/2025 8:00 PM	0.0	11.3	17.6	0.1	1.6	1.5
9/21/2025 9:00 PM	0.0	10.4	16.5	0.0	0.4	0.5
9/21/2025 10:00 PM	0.0	9.7	15.7	0.0	1.9	1.9
9/21/2025 11:00 PM	0.0	10.0	16.1	0.0	0.9	0.9

Minimum	0.0	6.9	12.6	0.0	-0.8	-0.8
MinTime	12:00 AM	12:00 AM	1:00 AM	12:00 AM	1:00 PM	1:00 PM
Maximum	0.5	11.5	19.4	0.4	4.4	4.2
MaxTime	3:00 PM	7:00 PM	6:00 PM	7:00 AM	6:00 PM	6:00 PM
Daily Average	0.0	9.6	16.0	0.0	0.5	0.5
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, September 21, 2025

No.	Time	Comments
1	12:00:00 AM	VOCs were detected throughout the day, highest level was 14.5 at 3:37pm. Site host reported that there was smoke and odor coming from the asphalt plant from 11:40am to 3:20pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, October 22, 2025

Monday, September 22, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/22/2025 12:00 AM	0.0	10.0	16.1	0.0	0.3	0.4
9/22/2025 1:00 AM	0.0	9.6	14.9	0.0	0.8	0.8
9/22/2025 2:00 AM	0.0	9.2	15.1	0.0	1.0	1.1
9/22/2025 3:00 AM	0.0	9.2	15.1	#N/A	#N/A	#N/A
9/22/2025 4:00 AM	0.0	9.2	15.8	0.2	4.1	3.8
9/22/2025 5:00 AM	0.0	9.1	16.3	#N/A	#N/A	#N/A
9/22/2025 6:00 AM	0.6	9.4	15.6	0.8	6.6	5.8
9/22/2025 7:00 AM	1.6	9.6	16.6	1.5	6.0	4.4
9/22/2025 8:00 AM	0.0	10.2	17.5	0.4	1.4	1.0
9/22/2025 9:00 AM	0.0	10.0	17.3	0.1	0.0	-0.1
9/22/2025 10:00 AM	0.0	10.2	20.4	0.1	0.2	0.0
9/22/2025 11:00 AM	0.0	9.8	19.1	0.1	0.0	-0.1
9/22/2025 12:00 PM	0.0	9.8	17.4	0.1	-0.6	-0.8
9/22/2025 1:00 PM	0.0	9.8	15.9	0.0	-0.4	-0.5
9/22/2025 2:00 PM	0.0	9.9	17.0	0.0	-0.3	-0.3
9/22/2025 3:00 PM	0.0	10.6	16.1	0.0	-0.4	-0.4
9/22/2025 4:00 PM	0.0	10.3	16.0	0.0	0.5	0.4
9/22/2025 5:00 PM	0.2	9.8	18.3	0.3	4.0	3.7
9/22/2025 6:00 PM	0.6	10.4	23.0	1.1	6.0	4.9
9/22/2025 7:00 PM	0.0	10.2	18.8	0.1	3.3	3.1
9/22/2025 8:00 PM	0.0	9.4	16.7	0.0	2.5	2.5
9/22/2025 9:00 PM	0.0	9.4	16.1	0.1	4.0	3.9
9/22/2025 10:00 PM	0.0	9.6	15.5	0.0	2.6	2.6
9/22/2025 11:00 PM	0.0	10.0	16.2	0.0	2.6	2.5

Minimum	0.0	9.1	14.9	0.0	-0.6	-0.8
MinTime	12:00 AM	5:00 AM	1:00 AM	12:00 AM	12:00 PM	12:00 PM
Maximum	1.6	10.6	23.0	1.5	6.6	5.8
MaxTime	7:00 AM	3:00 PM	6:00 PM	7:00 AM	6:00 AM	6:00 AM
Daily Average	0.1	9.7	16.9	0.2	2.0	1.7
Number	24	24	24	22	22	22
Data Hourly (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, September 22, 2025

No.	Time	Comments
1	12:12:00 AM	There were two calibration sequences , but we still achieved the required 75% completeness threshold. Site host reported smoke and odor from the asphalt plant from 7:30am to 3:30pm.
2	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
3	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
4	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,

42	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
43	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
44	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
57	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
58	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
59	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
68	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
69	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
83	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

89	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
90	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
113	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
114	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, October 22, 2025

Tuesday, September 23, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/23/2025 12:00 AM	0.0	10.2	16.1	-0.1	0.5	0.6
9/23/2025 1:00 AM	0.0	10.6	16.2	0.0	0.9	0.8
9/23/2025 2:00 AM	0.1	10.6	17.7	0.0	0.9	0.9
9/23/2025 3:00 AM	2.4	10.1	16.7	0.0	1.1	1.1
9/23/2025 4:00 AM	5.1	10.3	16.9	0.0	0.7	0.7
9/23/2025 5:00 AM	2.5	10.9	19.1	0.1	3.3	3.1
9/23/2025 6:00 AM	1.6	13.9	25.7	2.4	8.2	5.7
9/23/2025 7:00 AM	0.4	11.1	20.2	0.9	3.4	2.4
9/23/2025 8:00 AM	1.6	11.2	20.4	1.7	5.8	4.1
9/23/2025 9:00 AM	1.1	11.3	23.2	1.3	4.0	2.6
9/23/2025 10:00 AM	0.0	10.4	19.2	0.8	2.5	1.7
9/23/2025 11:00 AM	0.0	9.9	16.3	0.2	0.2	0.0
9/23/2025 12:00 PM	0.0	9.6	18.6	0.1	-0.2	-0.3
9/23/2025 1:00 PM	0.0	9.7	18.0	0.0	-0.6	-0.7
9/23/2025 2:00 PM	0.0	10.4	18.4	0.0	-0.6	-0.7
9/23/2025 3:00 PM	0.3	10.9	17.5	0.2	-0.2	-0.4
9/23/2025 4:00 PM	0.0	11.0	17.5	0.0	0.0	0.0
9/23/2025 5:00 PM	0.0	10.8	17.7	0.2	3.0	2.8
9/23/2025 6:00 PM	0.0	11.0	22.0	0.1	2.3	2.2
9/23/2025 7:00 PM	0.0	9.0	15.6	0.2	4.2	4.0
9/23/2025 8:00 PM	0.0	8.7	15.8	0.2	4.5	4.2
9/23/2025 9:00 PM	0.0	9.7	16.0	0.3	3.9	3.6
9/23/2025 10:00 PM	0.0	10.4	17.5	0.7	3.9	3.2
9/23/2025 11:00 PM	0.0	10.4	18.6	0.4	2.2	1.7

Minimum	0.0	8.7	15.6	-0.1	-0.6	-0.7
MinTime	12:00 AM	8:00 PM	7:00 PM	12:00 AM	1:00 PM	1:00 PM
Maximum	5.1	13.9	25.7	2.4	8.2	5.7
MaxTime	4:00 AM	6:00 AM	6:00 AM	6:00 AM	6:00 AM	6:00 AM
Daily Average	0.6	10.5	18.3	0.4	2.2	1.8
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, September 23, 2025

No.	Time	Comments
1	12:00:00 AM	Siter host reports smoke and odor from asphalt plant from 7:30am to 3:30 pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, October 22, 2025

Wednesday, September 24, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/24/2025 12:00 AM	0.2	10.1	18.4	0.6	1.7	1.1
9/24/2025 1:00 AM	0.0	9.8	17.3	0.5	0.9	0.4
9/24/2025 2:00 AM	0.5	9.1	15.1	0.3	0.7	0.4
9/24/2025 3:00 AM	0.0	8.4	13.9	0.2	0.5	0.3
9/24/2025 4:00 AM	0.0	8.0	12.8	0.2	1.3	1.0
9/24/2025 5:00 AM	0.0	7.9	14.1	0.7	3.8	3.1
9/24/2025 6:00 AM	0.6	8.5	16.9	1.5	5.9	4.3
9/24/2025 7:00 AM	0.1	7.8	13.8	2.8	6.6	3.7
9/24/2025 8:00 AM	0.2	8.1	13.9	1.8	3.2	1.4
9/24/2025 9:00 AM	0.0	8.9	14.9	0.5	1.2	0.7
9/24/2025 10:00 AM	0.5	10.0	17.0	0.6	2.4	1.8
9/24/2025 11:00 AM	0.5	10.4	17.6	1.1	3.6	2.4
9/24/2025 12:00 PM	0.0	9.3	14.0	0.3	0.9	0.5
9/24/2025 1:00 PM	0.0	9.5	14.7	0.2	0.1	0.0
9/24/2025 2:00 PM	0.3	10.3	15.8	0.6	1.4	0.8
9/24/2025 3:00 PM	0.0	10.9	18.7	0.8	3.5	2.7
9/24/2025 4:00 PM	0.0	10.3	17.1	0.5	4.3	3.7
9/24/2025 5:00 PM	0.0	7.7	12.9	0.6	4.9	4.3
9/24/2025 6:00 PM	0.0	7.1	13.9	0.4	4.4	3.9
9/24/2025 7:00 PM	0.0	8.1	16.0	0.3	3.2	2.9
9/24/2025 8:00 PM	0.0	9.5	19.4	0.6	3.2	2.6
9/24/2025 9:00 PM	0.0	9.1	20.7	0.5	2.6	2.0
9/24/2025 10:00 PM	0.0	10.3	24.3	0.7	2.2	1.4
9/24/2025 11:00 PM	0.0	9.1	21.7	0.6	2.3	1.7

Minimum	0.0	7.1	12.8	0.2	0.1	0.0
MinTime	1:00 AM	6:00 PM	4:00 AM	3:00 AM	1:00 PM	1:00 PM
Maximum	0.6	10.9	24.3	2.8	6.6	4.3
MaxTime	6:00 AM	3:00 PM	10:00 PM	7:00 AM	7:00 AM	6:00 AM
Daily Average	0.1	9.0	16.4	0.7	2.7	1.9
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, September 24, 2025

No.	Time	Comments
1	12:00:00 AM	Site host reported that the asphalt plant operated off and on and that there was a breeze from the North.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, October 22, 2025

Thursday, September 25, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/25/2025 12:00 AM	0.0	7.3	16.0	0.2	1.7	1.4
9/25/2025 1:00 AM	0.0	7.1	15.6	0.3	2.9	2.6
9/25/2025 2:00 AM	0.0	5.8	13.5	0.0	0.0	-0.1
9/25/2025 3:00 AM	0.0	4.4	10.8	0.0	-0.2	-0.3
9/25/2025 4:00 AM	0.0	4.4	11.7	0.0	0.4	0.3
9/25/2025 5:00 AM	0.0	4.5	12.6	0.0	2.7	2.7
9/25/2025 6:00 AM	0.0	4.3	11.6	0.1	2.2	2.1
9/25/2025 7:00 AM	0.0	4.5	11.9	0.3	2.0	1.6
9/25/2025 8:00 AM	1.5	4.7	13.5	0.7	2.0	1.3
9/25/2025 9:00 AM	1.2	4.5	11.7	0.9	2.7	1.8
9/25/2025 10:00 AM	0.3	4.4	12.0	1.8	4.0	2.2
9/25/2025 11:00 AM	0.0	3.6	9.3	0.5	1.1	0.5
9/25/2025 12:00 PM	0.0	#N/A	#N/A	#N/A	#N/A	#N/A
9/25/2025 1:00 PM	0.0	#N/A	#N/A	#N/A	#N/A	#N/A
9/25/2025 2:00 PM	0.0	2.7	5.8	#N/A	#N/A	#N/A
9/25/2025 3:00 PM	0.0	2.8	6.1	0.1	-0.5	-0.6
9/25/2025 4:00 PM	0.0	2.5	5.0	0.0	-0.9	-0.8
9/25/2025 5:00 PM	0.3	3.3	9.1	0.6	1.6	1.0
9/25/2025 6:00 PM	0.0	3.3	8.9	0.0	1.8	1.7
9/25/2025 7:00 PM	0.0	3.5	9.5	0.2	3.3	3.0
9/25/2025 8:00 PM	0.0	4.1	11.4	0.2	3.1	2.9
9/25/2025 9:00 PM	0.0	4.5	11.3	0.3	3.6	3.2
9/25/2025 10:00 PM	0.0	4.4	11.5	0.1	2.6	2.5
9/25/2025 11:00 PM	0.0	4.6	12.0	0.1	1.4	1.2

Minimum	0.0	2.5	5.0	0.0	-0.9	-0.8
MinTime	12:00 AM	4:00 PM	4:00 PM	2:00 AM	4:00 PM	4:00 PM
Maximum	1.5	7.3	16.0	1.8	4.0	3.2
MaxTime	8:00 AM	12:00 AM	12:00 AM	10:00 AM	10:00 AM	9:00 PM
Daily Average	0.1	4.3	10.9	0.3	1.7	1.4
Number	24	22	22	21	21	21
Data Hourly (%)	100.00%	91.67%	91.67%	87.50%	87.50%	87.50%
Data Minute (%)	98.54%	94.10%	94.10%	88.33%	88.33%	88.33%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments**Location: Unicoi Thursday, September 25, 2025**

No.	Time	Comments
1	12:00:00 AM	Security camera detected mowing near the trailer from 5:25pm to 5:38pm
2	12:01:00 AM	Regular maintenance this day, however we still met the required 75% completeness standard.
3	12:16:00 PM	NO: ND <Samp, NOX: ND <Samp, NO2: ND <Samp,
4	12:17:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
5	12:18:00 PM	NO: ND ---, NOX: ND ---, NO2: ND ---,
6	12:19:00 PM	NO: ND ---, NOX: ND ---, NO2: ND ---,
7	12:20:00 PM	NO: ND ---, NOX: ND ---, NO2: ND ---,
8	12:21:00 PM	NO: ND ---, NOX: ND ---, NO2: ND ---,
9	12:22:00 PM	NO: ND ---, NOX: ND ---, NO2: ND ---,
10	12:23:00 PM	NO: ND ---, NOX: ND ---, NO2: ND ---,
11	12:24:00 PM	PM2.5: ND <Samp, PM10: ND <Samp, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
12	12:25:00 PM	PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
13	12:26:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
14	12:27:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
15	12:28:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
16	12:29:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
17	12:30:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
18	12:31:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
19	12:32:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
20	12:33:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
21	12:34:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
22	12:35:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
23	12:36:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
24	12:37:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
25	12:38:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
26	12:39:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,

27	12:40:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
28	12:41:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
29	12:42:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
30	12:43:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
31	12:44:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
32	12:45:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
33	12:46:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
34	12:47:00 PM	PM2.5: ND ---, PM10: ND ---, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
35	12:48:00 PM	PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
36	12:49:00 PM	PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
37	12:50:00 PM	PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
38	12:51:00 PM	PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
39	12:52:00 PM	PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
40	12:53:00 PM	PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
41	12:54:00 PM	PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
42	12:55:00 PM	PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
43	12:56:00 PM	PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
44	12:57:00 PM	PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
45	12:58:00 PM	PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
46	12:59:00 PM	PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
47	1:00:00 PM	PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
48	1:01:00 PM	PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
49	1:02:00 PM	PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,

144	2:37:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
145	2:38:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
146	2:39:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
147	2:40:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
148	2:41:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
149	2:42:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
150	2:43:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
151	2:44:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
152	2:45:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
153	2:46:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
154	2:47:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
155	2:48:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
156	2:49:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
157	2:50:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
158	2:51:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
159	2:52:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
160	2:53:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
161	2:54:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
162	2:55:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
163	2:56:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
164	2:57:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
165	2:58:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
166	2:59:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
167	3:00:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
168	3:01:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
169	3:02:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
170	3:03:00 PM	NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, October 23, 2025

Friday, September 26, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/26/2025 12:00 AM	0.0	4.8	12.9	0.1	0.8	0.6
9/26/2025 1:00 AM	0.0	4.6	12.9	0.1	0.0	-0.1
9/26/2025 2:00 AM	0.0	5.2	14.2	0.0	0.1	0.0
9/26/2025 3:00 AM	0.0	5.0	13.2	0.0	0.0	0.0
9/26/2025 4:00 AM	0.0	5.1	14.5	0.6	1.8	1.1
9/26/2025 5:00 AM	0.0	5.2	15.9	0.7	2.3	1.6
9/26/2025 6:00 AM	0.0	4.9	14.6	1.2	2.8	1.5
9/26/2025 7:00 AM	0.0	4.7	13.3	2.3	3.4	1.0
9/26/2025 8:00 AM	0.0	3.9	10.2	1.3	1.3	0.0
9/26/2025 9:00 AM	0.0	5.5	11.3	0.9	1.6	0.6
9/26/2025 10:00 AM	0.0	5.2	11.2	0.7	1.6	0.9
9/26/2025 11:00 AM	0.0	4.4	11.2	0.4	1.1	0.6
9/26/2025 12:00 PM	0.0	4.6	12.0	0.2	0.4	0.2
9/26/2025 1:00 PM	0.0	5.1	11.4	0.1	0.1	0.0
9/26/2025 2:00 PM	0.0	5.4	11.4	0.2	0.6	0.4
9/26/2025 3:00 PM	0.0	5.2	11.0	0.2	1.1	0.9
9/26/2025 4:00 PM	0.0	5.1	10.1	0.1	1.6	1.5
9/26/2025 5:00 PM	1.1	4.7	11.2	0.0	2.5	2.5
9/26/2025 6:00 PM	0.0	5.1	12.3	0.2	4.8	4.6
9/26/2025 7:00 PM	0.0	5.3	12.0	0.1	3.8	3.7
9/26/2025 8:00 PM	0.0	5.9	12.7	0.1	4.5	4.3
9/26/2025 9:00 PM	0.0	5.7	12.1	0.3	4.3	4.0
9/26/2025 10:00 PM	0.0	5.4	12.6	0.2	3.5	3.2
9/26/2025 11:00 PM	0.0	5.2	11.5	0.1	2.1	1.9

Minimum	0.0	3.9	10.1	0.0	0.0	-0.1
MinTime	12:00 AM	8:00 AM	4:00 PM	2:00 AM	1:00 AM	1:00 AM
Maximum	1.1	5.9	15.9	2.3	4.8	4.6
MaxTime	5:00 PM	8:00 PM	5:00 AM	7:00 AM	6:00 PM	6:00 PM
Daily Average	0.0	5.0	12.3	0.4	1.9	1.4
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, September 26, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, October 23, 2025

Saturday, September 27, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/27/2025 12:00 AM	0.0	5.1	11.2	0.2	1.6	1.4
9/27/2025 1:00 AM	0.0	4.7	11.6	0.1	0.0	0.0
9/27/2025 2:00 AM	0.0	4.7	11.3	0.2	0.4	0.1
9/27/2025 3:00 AM	0.0	4.8	12.5	0.1	0.0	-0.1
9/27/2025 4:00 AM	0.0	4.8	11.7	0.3	0.2	-0.1
9/27/2025 5:00 AM	0.0	4.6	11.5	0.5	0.4	0.0
9/27/2025 6:00 AM	0.0	4.6	11.1	0.6	1.2	0.5
9/27/2025 7:00 AM	0.0	4.4	11.3	1.1	1.5	0.3
9/27/2025 8:00 AM	0.1	3.9	10.1	0.9	1.2	0.3
9/27/2025 9:00 AM	0.0	3.3	8.4	0.4	0.7	0.2
9/27/2025 10:00 AM	0.0	3.2	7.7	0.2	0.2	0.0
9/27/2025 11:00 AM	0.0	3.8	9.0	0.3	0.1	-0.2
9/27/2025 12:00 PM	0.0	3.9	11.4	0.0	-0.2	-0.3
9/27/2025 1:00 PM	0.0	3.4	8.3	0.2	0.6	0.4
9/27/2025 2:00 PM	0.0	2.9	6.6	0.2	0.2	0.0
9/27/2025 3:00 PM	0.0	2.9	5.2	0.1	0.0	-0.1
9/27/2025 4:00 PM	0.0	3.3	7.1	0.1	0.0	-0.1
9/27/2025 5:00 PM	0.0	3.8	9.2	0.6	3.8	3.1
9/27/2025 6:00 PM	0.0	4.6	12.5	0.9	4.7	3.8
9/27/2025 7:00 PM	0.0	4.9	15.2	0.1	2.6	2.5
9/27/2025 8:00 PM	0.0	5.2	16.5	0.1	3.3	3.1
9/27/2025 9:00 PM	0.0	5.8	19.5	0.2	2.3	2.0
9/27/2025 10:00 PM	0.0	6.1	18.5	0.1	1.5	1.4
9/27/2025 11:00 PM	0.0	5.2	14.3	0.0	-0.3	-0.3

Minimum	0.0	2.9	5.2	0.0	-0.3	-0.3
MinTime	12:00 AM	2:00 PM	3:00 PM	12:00 PM	11:00 PM	12:00 PM
Maximum	0.1	6.1	19.5	1.1	4.7	3.8
MaxTime	8:00 AM	10:00 PM	9:00 PM	7:00 AM	6:00 PM	6:00 PM
Daily Average	0.0	4.3	11.3	0.3	1.0	0.7
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, September 27, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, October 23, 2025

Sunday, September 28, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/28/2025 12:00 AM	0.0	5.3	15.6	0.0	-0.6	-0.6
9/28/2025 1:00 AM	0.0	5.7	17.3	0.0	-1.0	-1.0
9/28/2025 2:00 AM	0.0	5.8	16.6	0.0	-1.0	-1.0
9/28/2025 3:00 AM	0.0	5.3	16.1	0.0	-1.0	-1.0
9/28/2025 4:00 AM	0.0	4.1	12.3	0.0	-1.2	-1.2
9/28/2025 5:00 AM	0.0	3.9	9.5	0.1	-0.9	-1.0
9/28/2025 6:00 AM	0.0	3.8	10.2	0.0	-0.9	-0.9
9/28/2025 7:00 AM	0.0	4.0	11.0	0.4	-0.7	-1.2
9/28/2025 8:00 AM	0.0	3.9	10.3	1.2	1.0	-0.1
9/28/2025 9:00 AM	0.0	4.1	9.5	0.2	-0.5	-0.7
9/28/2025 10:00 AM	0.0	4.3	8.7	0.2	-0.5	-0.7
9/28/2025 11:00 AM	0.0	4.6	8.8	0.2	-0.4	-0.6
9/28/2025 12:00 PM	0.0	4.1	7.5	0.1	-0.5	-0.7
9/28/2025 1:00 PM	0.0	4.1	7.6	0.0	-0.8	-0.9
9/28/2025 2:00 PM	0.0	4.3	7.8	0.1	-0.6	-0.7
9/28/2025 3:00 PM	0.0	4.3	8.4	0.1	-0.6	-0.7
9/28/2025 4:00 PM	0.0	4.3	8.6	0.0	-0.2	-0.3
9/28/2025 5:00 PM	0.0	4.6	9.6	0.0	1.1	1.0
9/28/2025 6:00 PM	0.0	5.7	10.7	0.0	0.5	0.4
9/28/2025 7:00 PM	0.0	6.6	11.5	0.0	0.4	0.4
9/28/2025 8:00 PM	0.0	5.9	12.2	0.0	0.9	0.8
9/28/2025 9:00 PM	0.0	5.4	10.9	0.1	1.4	1.3
9/28/2025 10:00 PM	0.0	6.6	15.5	0.2	0.8	0.6
9/28/2025 11:00 PM	0.0	5.6	14.8	0.0	-0.3	-0.3

Minimum	0.0	3.8	7.5	0.0	-1.2	-1.2
MinTime	12:00 AM	6:00 AM	12:00 PM	12:00 AM	4:00 AM	4:00 AM
Maximum	0.0	6.6	17.3	1.2	1.4	1.3
MaxTime	12:00 AM	7:00 PM	1:00 AM	8:00 AM	9:00 PM	9:00 PM
Daily Average	0.0	4.8	11.2	0.1	-0.2	-0.3
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, September 28, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, October 23, 2025

Monday, September 29, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/29/2025 12:00 AM	0.0	5.5	15.5	0.0	-0.6	-0.6
9/29/2025 1:00 AM	0.0	5.5	15.3	0.1	-0.2	-0.4
9/29/2025 2:00 AM	0.0	5.3	13.8	0.1	-0.5	-0.6
9/29/2025 3:00 AM	0.0	4.7	12.5	#N/A	#N/A	#N/A
9/29/2025 4:00 AM	0.0	4.8	12.9	0.2	0.8	0.6
9/29/2025 5:00 AM	0.0	5.0	13.6	#N/A	#N/A	#N/A
9/29/2025 6:00 AM	0.4	4.9	13.3	1.1	2.8	1.7
9/29/2025 7:00 AM	0.0	5.2	12.9	2.5	4.2	1.6
9/29/2025 8:00 AM	0.0	4.7	11.5	1.8	2.4	0.5
9/29/2025 9:00 AM	0.0	5.3	11.3	0.3	-0.2	-0.6
9/29/2025 10:00 AM	0.0	6.2	11.5	0.1	-0.8	-0.9
9/29/2025 11:00 AM	0.0	5.6	10.2	0.1	-0.4	-0.6
9/29/2025 12:00 PM	0.0	4.9	9.0	0.2	-0.2	-0.4
9/29/2025 1:00 PM	0.0	4.8	9.2	0.1	-0.7	-0.8
9/29/2025 2:00 PM	0.0	5.2	9.2	0.2	-0.2	-0.5
9/29/2025 3:00 PM	0.0	4.8	9.4	0.1	-0.2	-0.4
9/29/2025 4:00 PM	0.0	4.9	10.3	0.3	0.5	0.1
9/29/2025 5:00 PM	0.0	4.8	9.9	0.1	0.2	0.0
9/29/2025 6:00 PM	0.0	3.8	7.4	0.0	-0.4	-0.5
9/29/2025 7:00 PM	0.0	2.8	5.4	0.1	0.0	-0.2
9/29/2025 8:00 PM	0.0	3.1	5.7	0.0	0.7	0.7
9/29/2025 9:00 PM	0.0	2.7	5.2	0.0	0.3	0.3
9/29/2025 10:00 PM	0.0	3.1	8.1	0.0	0.2	0.2
9/29/2025 11:00 PM	0.1	3.1	8.2	0.0	0.0	0.0

Minimum	0.0	2.7	5.2	0.0	-0.8	-0.9
MinTime	12:00 AM	9:00 PM	9:00 PM	12:00 AM	10:00 AM	10:00 AM
Maximum	0.4	6.2	15.5	2.5	4.2	1.7
MaxTime	6:00 AM	10:00 AM	12:00 AM	7:00 AM	7:00 AM	6:00 AM
Daily Average	0.0	4.6	10.4	0.3	0.3	0.0
Number	24	24	24	22	22	22
Data Hourly (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, September 29, 2025

No.	Time	Comments
1	12:00:00 AM	2 sequences of calibration. Still met required 75% completeness.
2	1:00:00 AM	2 sequences of calibration. Still met required 75% completeness.
3	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
4	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
42	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
43	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,

44	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
57	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
58	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
59	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
68	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
69	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
83	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
89	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
90	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

91	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
113	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
114	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
122	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, October 24, 2025

Tuesday, September 30, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
9/30/2025 12:00 AM	0.0	3.2	8.1	0.0	-0.7	-0.6
9/30/2025 1:00 AM	0.0	3.6	9.2	0.0	-0.4	-0.5
9/30/2025 2:00 AM	0.0	3.9	10.9	0.0	0.0	0.0
9/30/2025 3:00 AM	0.0	3.8	10.0	0.0	0.8	0.7
9/30/2025 4:00 AM	0.0	3.7	9.0	0.1	0.1	0.0
9/30/2025 5:00 AM	0.0	4.1	10.7	0.2	0.4	0.1
9/30/2025 6:00 AM	0.0	4.1	12.7	0.6	0.5	-0.1
9/30/2025 7:00 AM	0.0	5.1	12.1	1.2	1.9	0.7
9/30/2025 8:00 AM	0.0	5.2	10.8	0.9	1.6	0.7
9/30/2025 9:00 AM	0.0	4.7	9.7	0.8	1.7	0.9
9/30/2025 10:00 AM	0.0	5.3	9.6	0.5	1.3	0.7
9/30/2025 11:00 AM	0.0	2.0	4.3	0.4	0.0	-0.4
9/30/2025 12:00 PM	0.3	1.7	3.8	0.3	-0.4	-0.8
9/30/2025 1:00 PM	0.0	1.1	3.1	0.2	-0.7	-1.0
9/30/2025 2:00 PM	0.0	1.0	2.6	0.3	-0.5	-0.8
9/30/2025 3:00 PM	0.0	1.2	2.6	0.1	-0.7	-0.9
9/30/2025 4:00 PM	0.1	2.5	4.6	0.4	0.8	0.4
9/30/2025 5:00 PM	0.0	3.1	7.3	0.2	1.7	1.4
9/30/2025 6:00 PM	0.0	2.6	6.2	0.2	3.5	3.3
9/30/2025 7:00 PM	0.0	2.9	6.5	0.2	4.1	3.9
9/30/2025 8:00 PM	0.0	3.4	8.2	0.2	2.9	2.7
9/30/2025 9:00 PM	0.0	3.8	10.2	0.1	1.4	1.3
9/30/2025 10:00 PM	0.0	4.6	12.5	0.3	0.3	0.0
9/30/2025 11:00 PM	0.0	5.3	16.2	0.1	0.9	0.7

Minimum	0.0	1.0	2.6	0.0	-0.7	-1.0
MinTime	12:00 AM	2:00 PM	2:00 PM	12:00 AM	12:00 AM	1:00 PM
Maximum	0.3	5.3	16.2	1.2	4.1	3.9
MaxTime	12:00 PM	10:00 AM	11:00 PM	7:00 AM	7:00 PM	7:00 PM
Daily Average	0.0	3.4	8.3	0.3	0.8	0.5
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, September 30, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Sunday, October 26, 2025

Wednesday, October 1, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/1/2025 12:00 AM	0.0	5.4	15.5	0.1	0.5	0.4
10/1/2025 1:00 AM	0.0	5.5	16.3	0.1	0.1	0.0
10/1/2025 2:00 AM	0.0	5.6	15.9	0.0	-0.5	-0.5
10/1/2025 3:00 AM	0.0	6.0	18.6	0.3	0.2	-0.1
10/1/2025 4:00 AM	0.0	6.1	19.1	0.5	0.6	0.0
10/1/2025 5:00 AM	0.0	5.6	16.8	3.4	3.9	0.4
10/1/2025 6:00 AM	0.2	5.3	15.9	7.0	7.4	0.3
10/1/2025 7:00 AM	0.0	5.1	15.2	2.7	2.5	-0.1
10/1/2025 8:00 AM	0.0	4.9	13.2	1.0	0.6	-0.4
10/1/2025 9:00 AM	0.0	5.9	15.1	0.3	-0.2	-0.6
10/1/2025 10:00 AM	0.0	6.1	15.8	0.1	-0.7	-0.8
10/1/2025 11:00 AM	0.0	6.2	14.5	0.2	-0.5	-0.7
10/1/2025 12:00 PM	0.3	6.1	14.5	0.1	-0.4	-0.6
10/1/2025 1:00 PM	0.0	5.7	12.8	0.1	-0.1	-0.3
10/1/2025 2:00 PM	0.0	5.6	18.9	0.7	0.9	0.1
10/1/2025 3:00 PM	0.0	5.2	14.1	0.2	0.1	0.0
10/1/2025 4:00 PM	0.0	4.8	11.3	0.1	1.1	1.0
10/1/2025 5:00 PM	0.0	5.1	14.4	0.8	8.9	8.0
10/1/2025 6:00 PM	0.0	5.2	13.7	0.3	10.1	9.8
10/1/2025 7:00 PM	0.1	5.2	11.8	0.1	5.0	4.9
10/1/2025 8:00 PM	0.1	5.5	11.0	0.0	2.4	2.3
10/1/2025 9:00 PM	0.0	5.6	11.8	0.0	1.6	1.7
10/1/2025 10:00 PM	0.0	5.9	11.5	0.0	1.1	1.1
10/1/2025 11:00 PM	0.0	6.4	13.0	0.0	0.7	0.8

Minimum	0.0	4.8	11.0	0.0	-0.7	-0.8
MinTime	12:00 AM	4:00 PM	8:00 PM	2:00 AM	10:00 AM	10:00 AM
Maximum	0.3	6.4	19.1	7.0	10.1	9.8
MaxTime	12:00 PM	11:00 PM	4:00 AM	6:00 AM	6:00 PM	6:00 PM
Daily Average	0.0	5.5	14.6	0.7	1.8	1.1
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, October 01, 2025

No.	Time	Comments
1	12:00:00 AM	Site host reported that the asphalt plant was running; that he saw smoke and there were odors 7:00am to 4:00pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Monday, October 27, 2025

Thursday, October 2, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/2/2025 12:00 AM	0.0	6.7	14.0	0.1	1.7	1.6
10/2/2025 1:00 AM	0.2	6.9	13.1	0.5	3.3	2.8
10/2/2025 2:00 AM	0.2	7.2	14.0	0.1	1.9	1.8
10/2/2025 3:00 AM	0.3	7.7	14.3	0.4	2.1	1.6
10/2/2025 4:00 AM	0.4	8.1	15.0	0.4	2.3	1.8
10/2/2025 5:00 AM	0.6	8.4	15.9	2.7	6.0	3.2
10/2/2025 6:00 AM	10.0	8.8	17.9	5.8	10.2	4.3
10/2/2025 7:00 AM	11.0	8.2	18.5	4.9	7.2	2.2
10/2/2025 8:00 AM	1.2	8.4	16.9	1.0	2.1	1.0
10/2/2025 9:00 AM	0.0	8.3	15.8	0.2	0.0	-0.2
10/2/2025 10:00 AM	0.0	7.4	14.2	0.0	-0.7	-0.8
10/2/2025 11:00 AM	0.0	7.0	13.5	0.0	-0.7	-0.8
10/2/2025 12:00 PM	0.0	7.1	13.4	0.1	-0.4	-0.5
10/2/2025 1:00 PM	0.0	7.2	14.1	0.1	0.0	-0.1
10/2/2025 2:00 PM	0.0	6.9	14.6	0.1	-0.1	-0.3
10/2/2025 3:00 PM	0.0	6.4	13.1	0.2	0.2	0.0
10/2/2025 4:00 PM	0.0	6.4	14.2	0.3	3.5	3.1
10/2/2025 5:00 PM	0.3	5.7	12.3	0.8	6.6	5.8
10/2/2025 6:00 PM	0.2	5.7	12.2	0.2	6.7	6.4
10/2/2025 7:00 PM	0.4	5.9	13.0	0.0	3.8	3.7
10/2/2025 8:00 PM	0.2	5.8	12.2	0.2	3.5	3.3
10/2/2025 9:00 PM	0.0	6.2	12.3	0.1	3.5	3.4
10/2/2025 10:00 PM	0.0	5.8	11.4	0.2	2.7	2.4
10/2/2025 11:00 PM	0.1	5.2	10.6	0.4	2.8	2.3

Minimum	0.0	5.2	10.6	0.0	-0.7	-0.8
MinTime	12:00 AM	11:00 PM	11:00 PM	10:00 AM	10:00 AM	10:00 AM
Maximum	11.0	8.8	18.5	5.8	10.2	6.4
MaxTime	7:00 AM	6:00 AM	7:00 AM	6:00 AM	6:00 AM	6:00 PM
Daily Average	1.0	6.9	14.0	0.7	2.8	2.0
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, October 02, 2025

No.	Time	Comments
1	12:00:00 AM	Site host reported that the asphalt plant was running; that he saw smoke and there were odors 7:00am to 4:00pm.
2	11:54:00 PM	VOCs spiked throughout the morning. Highest level was 21.7 at 7:13am.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Thereese Vick
Date: Sunday, November 2, 2025

Friday, October 3, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/3/2025 12:00 AM	0.1	4.8	9.1	0.1	3.4	3.3
10/3/2025 1:00 AM	0.0	4.5	9.1	0.0	2.5	2.5
10/3/2025 2:00 AM	0.0	4.3	8.7	0.0	0.4	0.4
10/3/2025 3:00 AM	0.2	4.2	9.6	0.2	1.8	1.6
10/3/2025 4:00 AM	0.6	4.2	8.4	0.7	4.0	3.2
10/3/2025 5:00 AM	1.7	4.5	9.5	0.3	2.9	2.5
10/3/2025 6:00 AM	2.6	4.8	11.3	0.8	4.3	3.5
10/3/2025 7:00 AM	1.4	4.3	12.2	1.8	3.9	2.0
10/3/2025 8:00 AM	0.1	3.9	10.1	0.6	0.2	-0.3
10/3/2025 9:00 AM	0.0	4.0	10.1	0.2	-0.6	-0.8
10/3/2025 10:00 AM	0.0	5.6	12.5	0.2	-0.2	-0.5
10/3/2025 11:00 AM	0.0	4.2	10.4	0.1	-0.5	-0.6
10/3/2025 12:00 PM	0.1	4.5	10.3	0.2	0.0	-0.2
10/3/2025 1:00 PM	0.0	5.1	11.6	0.1	-0.2	-0.3
10/3/2025 2:00 PM	0.0	5.4	13.7	0.1	0.0	-0.2
10/3/2025 3:00 PM	0.0	5.1	14.6	0.2	0.2	0.0
10/3/2025 4:00 PM	0.1	5.4	14.1	0.2	2.5	2.2
10/3/2025 5:00 PM	0.3	5.1	12.0	0.3	7.2	6.8
10/3/2025 6:00 PM	0.3	5.3	13.7	0.0	4.1	4.1
10/3/2025 7:00 PM	1.1	6.3	13.2	0.0	3.7	3.6
10/3/2025 8:00 PM	0.8	6.2	11.6	0.0	2.5	2.4
10/3/2025 9:00 PM	1.2	5.9	11.6	0.1	2.3	2.2
10/3/2025 10:00 PM	0.3	5.9	10.8	0.0	1.8	1.8
10/3/2025 11:00 PM	0.4	5.9	11.2	0.0	0.6	0.6

Minimum	0.0	3.9	8.4	0.0	-0.6	-0.8
MinTime	1:00 AM	8:00 AM	4:00 AM	1:00 AM	9:00 AM	9:00 AM
Maximum	2.6	6.3	14.6	1.8	7.2	6.8
MaxTime	6:00 AM	7:00 PM	3:00 PM	7:00 AM	5:00 PM	5:00 PM
Daily Average	0.4	4.9	11.2	0.2	1.9	1.6
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, October 03, 2025

No.	Time	Comments
1	12:00:00 AM	Site host reported that the asphalt plant was running; that he saw smoke and there were odors 7:00am to 4:00pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Monday, November 4, 2024

Saturday, October 4, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/4/2025 12:00 AM	0.0	5.6	10.6	0.0	-0.3	-0.3
10/4/2025 1:00 AM	0.0	5.5	10.2	0.0	-0.4	-0.5
10/4/2025 2:00 AM	0.1	5.6	11.0	0.0	-0.4	-0.5
10/4/2025 3:00 AM	0.2	5.5	10.8	0.0	-0.8	-0.8
10/4/2025 4:00 AM	0.1	5.4	10.0	0.0	-0.7	-0.7
10/4/2025 5:00 AM	0.2	5.3	9.6	0.0	-0.6	-0.7
10/4/2025 6:00 AM	0.3	5.0	10.3	0.4	0.5	0.0
10/4/2025 7:00 AM	0.2	5.0	8.8	0.7	0.5	-0.2
10/4/2025 8:00 AM	0.2	4.8	9.0	0.5	-0.1	-0.7
10/4/2025 9:00 AM	0.0	4.5	9.5	0.1	-0.9	-1.1
10/4/2025 10:00 AM	0.0	4.1	9.5	0.1	-0.9	-1.0
10/4/2025 11:00 AM	0.1	3.5	8.5	0.1	-0.7	-0.9
10/4/2025 12:00 PM	0.0	3.6	8.1	0.1	-0.7	-0.9
10/4/2025 1:00 PM	0.1	3.6	7.9	0.0	-0.7	-0.7
10/4/2025 2:00 PM	0.0	3.9	9.3	0.2	-0.2	-0.4
10/4/2025 3:00 PM	0.0	4.4	8.5	0.4	1.2	0.8
10/4/2025 4:00 PM	2.5	5.3	18.7	1.0	4.5	3.4
10/4/2025 5:00 PM	1.4	4.7	15.3	0.5	4.9	4.4
10/4/2025 6:00 PM	0.2	5.2	14.8	0.2	5.7	5.5
10/4/2025 7:00 PM	1.1	4.9	10.1	0.1	4.4	4.3
10/4/2025 8:00 PM	1.1	4.7	9.3	0.1	3.4	3.3
10/4/2025 9:00 PM	0.9	4.6	9.1	0.1	2.6	2.5
10/4/2025 10:00 PM	0.4	4.3	8.5	0.0	2.2	2.2
10/4/2025 11:00 PM	0.1	4.1	7.8	0.0	2.6	2.5

Minimum	0.0	3.5	7.8	0.0	-0.9	-1.1
MinTime	12:00 AM	11:00 AM	11:00 PM	12:00 AM	9:00 AM	9:00 AM
Maximum	2.5	5.6	18.7	1.0	5.7	5.5
MaxTime	4:00 PM	12:00 AM	4:00 PM	4:00 PM	6:00 PM	6:00 PM
Daily Average	0.3	4.7	10.2	0.1	1.0	0.8
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, October 04, 2025

No.	Time	Comments
1	11:32:00 PM	Security camera detected mowing at 4:41pm

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, November 5, 2025

Sunday, October 5, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/5/2025 12:00 AM	0.0	3.9	7.6	0.0	0.5	0.5
10/5/2025 1:00 AM	0.2	4.0	7.7	0.0	0.6	0.6
10/5/2025 2:00 AM	0.2	3.9	7.7	0.0	0.1	0.0
10/5/2025 3:00 AM	0.2	3.9	7.4	0.0	-0.3	-0.3
10/5/2025 4:00 AM	0.5	3.9	7.7	0.0	-0.2	-0.3
10/5/2025 5:00 AM	0.7	3.8	7.7	0.1	0.0	-0.2
10/5/2025 6:00 AM	1.6	3.9	8.2	1.7	2.8	1.0
10/5/2025 7:00 AM	2.9	3.8	7.5	1.4	1.5	0.0
10/5/2025 8:00 AM	6.4	3.7	7.3	0.4	0.0	-0.4
10/5/2025 9:00 AM	0.1	4.0	8.8	0.2	-0.4	-0.7
10/5/2025 10:00 AM	0.2	3.6	7.9	0.0	-1.0	-1.1
10/5/2025 11:00 AM	0.1	3.2	7.5	0.1	-1.1	-1.2
10/5/2025 12:00 PM	0.0	2.9	7.0	0.0	-1.5	-1.5
10/5/2025 1:00 PM	0.0	2.6	5.9	0.0	-1.5	-1.5
10/5/2025 2:00 PM	0.0	2.6	5.8	0.0	-1.5	-1.5
10/5/2025 3:00 PM	0.0	2.4	5.5	0.0	-1.5	-1.5
10/5/2025 4:00 PM	0.0	2.3	5.5	0.0	-1.5	-1.5
10/5/2025 5:00 PM	0.0	2.8	7.6	0.1	0.5	0.4
10/5/2025 6:00 PM	0.1	2.9	6.3	0.3	3.0	2.7
10/5/2025 7:00 PM	0.1	2.9	6.7	0.2	5.2	4.9
10/5/2025 8:00 PM	0.0	3.2	6.4	0.0	1.0	1.0
10/5/2025 9:00 PM	0.2	3.6	7.6	0.0	0.7	0.7
10/5/2025 10:00 PM	1.5	3.6	7.4	0.0	0.7	0.6
10/5/2025 11:00 PM	0.8	3.4	7.2	0.0	1.9	1.8

Minimum	0.0	2.3	5.5	0.0	-1.5	-1.5
MinTime	12:00 AM	4:00 PM	3:00 PM	12:00 AM	12:00 PM	12:00 PM
Maximum	6.4	4.0	8.8	1.7	5.2	4.9
MaxTime	8:00 AM	1:00 AM	9:00 AM	6:00 AM	7:00 PM	7:00 PM
Daily Average	0.6	3.3	7.1	0.1	0.3	0.1
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, October 05, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, November 6, 2025

Monday, October 6, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/6/2025 12:00 AM	0.1	3.5	7.3	0.0	1.8	1.8
10/6/2025 1:00 AM	0.1	3.3	7.1	0.1	1.7	1.6
10/6/2025 2:00 AM	0.2	3.2	7.2	0.6	2.7	2.0
10/6/2025 3:00 AM	0.0	3.1	6.7	#N/A	#N/A	#N/A
10/6/2025 4:00 AM	0.0	3.1	7.6	1.6	7.6	5.9
10/6/2025 5:00 AM	0.0	3.1	7.6	#N/A	#N/A	#N/A
10/6/2025 6:00 AM	2.0	3.6	12.5	5.7	10.7	4.9
10/6/2025 7:00 AM	2.9	4.0	18.1	7.5	10.8	3.3
10/6/2025 8:00 AM	0.2	3.5	9.8	1.3	2.4	1.1
10/6/2025 9:00 AM	0.0	3.9	9.7	0.1	-0.3	-0.5
10/6/2025 10:00 AM	0.0	3.5	9.2	0.0	-1.0	-1.1
10/6/2025 11:00 AM	0.0	3.7	11.9	0.1	-0.9	-1.0
10/6/2025 12:00 PM	0.0	3.2	11.0	0.0	-1.0	-1.1
10/6/2025 1:00 PM	0.0	2.9	10.0	0.0	-1.2	-1.3
10/6/2025 2:00 PM	0.0	2.8	8.6	0.0	-1.2	-1.3
10/6/2025 3:00 PM	0.0	2.7	8.0	0.0	-1.4	-1.4
10/6/2025 4:00 PM	0.0	2.4	7.4	0.0	-1.3	-1.3
10/6/2025 5:00 PM	0.0	2.7	7.4	0.0	-0.5	-0.5
10/6/2025 6:00 PM	0.0	3.2	11.7	0.2	6.3	6.0
10/6/2025 7:00 PM	0.7	3.5	10.3	1.8	11.0	9.2
10/6/2025 8:00 PM	0.3	3.5	9.3	0.5	6.7	6.2
10/6/2025 9:00 PM	0.1	3.3	7.5	0.1	4.5	4.3
10/6/2025 10:00 PM	0.0	3.1	7.7	0.2	4.0	3.7
10/6/2025 11:00 PM	0.1	3.0	6.1	0.1	3.1	3.0

Minimum	0.0	2.4	6.1	0.0	-1.4	-1.4
MinTime	3:00 AM	4:00 PM	11:00 PM	12:00 AM	3:00 PM	3:00 PM
Maximum	2.9	4.0	18.1	7.5	11.0	9.2
MaxTime	7:00 AM	7:00 AM	7:00 AM	7:00 AM	7:00 PM	7:00 PM
Daily Average	0.2	3.2	9.1	0.9	2.9	1.9
Number	24	24	24	22	22	22
Data Hourly (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, October 06, 2025

No.	Time	Comments
1	12:00:00 AM	Site host reported that the asphalt plant was running off and on, and that trucks were hauling 7am to 4pm.
2	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
3	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
4	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
42	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,

43	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
44	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
57	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
58	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
59	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
68	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
69	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
83	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
89	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

90	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
113	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
114	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
122	11:30:00 PM	2 sequences of calibration, we still met the required 75% completeness. Some larger increases in VOC for about an hour. Highest was 20.8 @7:00 am.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, November 7, 2025

Tuesday, October 7, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/7/2025 12:00 AM	0.2	3.0	6.4	0.4	3.6	3.1
10/7/2025 1:00 AM	0.1	2.8	6.8	0.1	2.0	1.8
10/7/2025 2:00 AM	0.0	2.4	6.2	0.5	2.2	1.6
10/7/2025 3:00 AM	0.0	1.7	4.3	0.2	1.4	1.1
10/7/2025 4:00 AM	0.0	1.5	4.0	0.2	0.6	0.3
10/7/2025 5:00 AM	0.4	1.9	6.0	1.4	2.6	1.1
10/7/2025 6:00 AM	2.4	2.5	9.5	5.7	8.3	2.6
10/7/2025 7:00 AM	1.4	3.9	14.3	4.2	6.1	1.9
10/7/2025 8:00 AM	0.0	3.6	10.9	0.2	-0.6	-0.8
10/7/2025 9:00 AM	0.0	3.5	13.2	0.2	-0.5	-0.7
10/7/2025 10:00 AM	0.0	3.7	16.1	0.1	-0.2	-0.3
10/7/2025 11:00 AM	0.2	5.3	24.5	0.3	0.8	0.5
10/7/2025 12:00 PM	0.1	3.2	10.3	0.3	0.2	-0.1
10/7/2025 1:00 PM	0.0	3.1	8.6	0.3	-0.4	-0.7
10/7/2025 2:00 PM	0.1	2.9	8.1	0.1	-0.8	-1.0
10/7/2025 3:00 PM	0.0	2.7	10.1	0.1	-0.2	-0.4
10/7/2025 4:00 PM	0.3	2.9	10.6	0.4	2.3	1.9
10/7/2025 5:00 PM	0.1	2.9	8.6	0.6	3.5	2.9
10/7/2025 6:00 PM	0.1	2.9	7.7	0.1	2.7	2.6
10/7/2025 7:00 PM	0.0	3.0	7.0	0.0	1.3	1.2
10/7/2025 8:00 PM	0.0	3.4	8.6	0.0	0.5	0.5
10/7/2025 9:00 PM	0.0	3.7	7.8	0.0	0.3	0.3
10/7/2025 10:00 PM	0.0	3.9	8.1	0.0	0.1	0.1
10/7/2025 11:00 PM	0.0	4.0	9.0	0.0	0.0	0.0

Minimum	0.0	1.5	4.0	0.0	-0.8	-1.0
MinTime	2:00 AM	4:00 AM	4:00 AM	7:00 PM	2:00 PM	2:00 PM
Maximum	2.4	5.3	24.5	5.7	8.3	3.1
MaxTime	6:00 AM	11:00 AM	11:00 AM	6:00 AM	6:00 AM	12:00 AM
Daily Average	0.2	3.1	9.4	0.6	1.4	0.8
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, October 07, 2025

No.	Time	Comments
1	12:00:00 AM	Site host reported that the asphalt plant was running off and on, and that trucks were hauling 7am to 4pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Saturday, November 8, 2025

Wednesday, October 8, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/8/2025 12:00 AM	0.1	4.0	9.1	0.0	0.3	0.3
10/8/2025 1:00 AM	0.0	3.5	6.8	0.0	-0.2	-0.2
10/8/2025 2:00 AM	0.0	3.3	7.0	0.0	-0.4	-0.4
10/8/2025 3:00 AM	0.0	3.3	7.3	0.0	0.0	0.0
10/8/2025 4:00 AM	0.1	3.3	7.3	0.0	0.1	0.1
10/8/2025 5:00 AM	0.0	3.1	6.4	0.1	0.3	0.2
10/8/2025 6:00 AM	0.0	3.4	8.1	0.2	1.7	1.4
10/8/2025 7:00 AM	0.2	3.9	11.9	2.9	9.0	6.0
10/8/2025 8:00 AM	0.0	3.6	7.9	0.2	0.5	0.3
10/8/2025 9:00 AM	0.0	3.4	9.2	0.3	0.3	0.0
10/8/2025 10:00 AM	0.0	3.3	7.2	0.4	0.7	0.3
10/8/2025 11:00 AM	0.0	3.6	8.1	0.5	0.9	0.3
10/8/2025 12:00 PM	0.0	3.5	8.0	0.6	1.1	0.5
10/8/2025 1:00 PM	0.0	3.2	8.1	0.2	-0.1	-0.3
10/8/2025 2:00 PM	0.1	2.9	6.9	0.6	0.9	0.3
10/8/2025 3:00 PM	0.0	2.6	6.5	0.5	1.0	0.5
10/8/2025 4:00 PM	0.0	3.1	7.5	0.3	0.6	0.3
10/8/2025 5:00 PM	0.0	3.5	7.1	0.4	1.2	0.7
10/8/2025 6:00 PM	0.2	4.8	8.8	0.1	1.3	1.1
10/8/2025 7:00 PM	0.0	4.5	8.4	0.1	1.4	1.3
10/8/2025 8:00 PM	0.0	4.4	8.9	0.0	0.6	0.7
10/8/2025 9:00 PM	0.0	4.0	7.9	0.0	2.1	2.1
10/8/2025 10:00 PM	0.0	3.9	7.8	0.0	1.3	1.3
10/8/2025 11:00 PM	0.9	3.9	8.4	0.2	1.2	0.9

Minimum	0.0	2.6	6.4	0.0	-0.4	-0.4
MinTime	1:00 AM	3:00 PM	5:00 AM	12:00 AM	2:00 AM	2:00 AM
Maximum	0.9	4.8	11.9	2.9	9.0	6.0
MaxTime	11:00 PM	6:00 PM	7:00 AM	7:00 AM	7:00 AM	7:00 AM
Daily Average	0.0	3.5	7.9	0.3	1.0	0.7
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, October 08, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: 11/8/2025

Thursday, October 9, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/9/2025 12:00 AM	0.0	3.7	8.0	0.1	0.5	0.4
10/9/2025 1:00 AM	0.0	3.4	6.9	0.1	0.7	0.5
10/9/2025 2:00 AM	0.0	3.2	6.7	0.5	1.7	1.2
10/9/2025 3:00 AM	0.0	3.0	6.6	0.2	0.3	0.0
10/9/2025 4:00 AM	0.1	3.2	6.8	0.2	0.3	0.0
10/9/2025 5:00 AM	0.5	3.0	6.7	1.0	1.8	0.7
10/9/2025 6:00 AM	3.7	3.4	9.4	4.2	6.1	1.9
10/9/2025 7:00 AM	3.5	3.8	15.6	5.8	6.7	0.9
10/9/2025 8:00 AM	0.5	3.0	8.4	1.8	2.4	0.6
10/9/2025 9:00 AM	0.2	3.0	7.6	0.9	1.0	0.0
10/9/2025 10:00 AM	0.0	3.1	8.0	0.3	-0.3	-0.6
10/9/2025 11:00 AM	0.0	3.2	7.5	0.1	-0.6	-0.7
10/9/2025 12:00 PM	0.0	3.3	9.2	0.4	0.1	-0.2
10/9/2025 1:00 PM	0.0	3.3	8.9	0.0	-0.6	-0.7
10/9/2025 2:00 PM	0.0	3.5	8.9	0.2	-0.2	-0.4
10/9/2025 3:00 PM	0.0	3.5	8.9	0.1	0.2	0.0
10/9/2025 4:00 PM	0.0	3.6	9.8	0.2	1.6	1.4
10/9/2025 5:00 PM	2.7	3.6	9.0	0.6	9.5	8.9
10/9/2025 6:00 PM	2.2	4.0	11.6	0.5	11.7	11.2
10/9/2025 7:00 PM	1.8	4.3	10.1	0.2	7.3	7.1
10/9/2025 8:00 PM	0.5	4.0	8.5	0.2	4.5	4.2
10/9/2025 9:00 PM	0.6	3.9	8.1	0.2	6.4	6.2
10/9/2025 10:00 PM	0.8	3.6	7.4	1.1	8.6	7.5
10/9/2025 11:00 PM	0.5	3.6	7.0	0.9	6.7	5.8

Minimum	0.0	3.0	6.6	0.0	-0.6	-0.7
MinTime	12:00 AM	3:00 AM	3:00 AM	1:00 PM	11:00 AM	11:00 AM
Maximum	3.7	4.3	15.6	5.8	11.7	11.2
MaxTime	6:00 AM	7:00 PM	7:00 AM	7:00 AM	6:00 PM	6:00 PM
Daily Average	0.7	3.4	8.5	0.8	3.1	2.3
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, October 09, 2025

No.	Time	Comments
1	12:00:00 AM	Higher VOCs late afternoon. Highest measured was 23.2 @5:51pm.
2	12:01:00 AM	Site host reported that the asphalt plant was not running. Trucks were hauling from 7am-4pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Sunday, November 9, 2025

Friday, October 10, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/10/2025 12:00 AM	0.6	3.8	7.8	0.7	5.1	4.4
10/10/2025 1:00 AM	0.1	3.6	6.9	0.4	3.8	3.4
10/10/2025 2:00 AM	0.1	3.6	7.0	0.4	3.0	2.6
10/10/2025 3:00 AM	0.1	3.2	6.3	0.9	4.5	3.5
10/10/2025 4:00 AM	0.3	3.2	6.8	2.0	7.1	5.0
10/10/2025 5:00 AM	2.0	3.3	6.9	1.6	5.9	4.3
10/10/2025 6:00 AM	2.8	3.5	9.4	2.2	7.0	4.7
10/10/2025 7:00 AM	2.0	3.5	11.2	2.2	4.3	2.1
10/10/2025 8:00 AM	0.3	3.4	10.0	1.1	2.2	1.1
10/10/2025 9:00 AM	0.0	3.2	7.8	0.2	-0.2	-0.4
10/10/2025 10:00 AM	0.0	3.3	7.6	0.1	-0.7	-0.9
10/10/2025 11:00 AM	0.0	3.3	8.9	0.0	-0.8	-0.9
10/10/2025 12:00 PM	0.0	3.5	9.9	0.0	-0.9	-1.0
10/10/2025 1:00 PM	0.0	3.3	9.8	0.0	-0.9	-1.0
10/10/2025 2:00 PM	0.0	3.3	8.5	0.0	-0.9	-0.9
10/10/2025 3:00 PM	0.0	3.3	8.4	0.1	-0.4	-0.6
10/10/2025 4:00 PM	0.0	3.4	8.9	0.1	0.0	-0.1
10/10/2025 5:00 PM	0.4	4.0	14.7	0.3	5.2	4.8
10/10/2025 6:00 PM	0.1	4.0	11.2	0.3	8.0	7.7
10/10/2025 7:00 PM	0.7	4.3	9.8	0.2	10.0	9.8
10/10/2025 8:00 PM	1.0	5.1	11.0	0.3	7.7	7.4
10/10/2025 9:00 PM	0.7	5.1	9.5	0.1	5.1	5.0
10/10/2025 10:00 PM	0.5	4.2	8.5	0.0	3.2	3.1
10/10/2025 11:00 PM	0.9	3.7	7.8	0.2	2.9	2.7

Minimum	0.0	3.2	6.3	0.0	-0.9	-1.0
MinTime	9:00 AM	3:00 AM	3:00 AM	11:00 AM	12:00 PM	12:00 PM
Maximum	2.8	5.1	14.7	2.2	10.0	9.8
MaxTime	6:00 AM	8:00 PM	5:00 PM	6:00 AM	7:00 PM	7:00 PM
Daily Average	0.5	3.6	8.9	0.5	3.3	2.7
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, October 10, 2025

No.	Time	Comments
1	12:00:00 AM	Site host reported that the asphalt plant wasn't running, but that trucks were hauling from 7am to 4pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Sunday, November 9, 2025

Saturday, October 11, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/11/2025 12:00 AM	0.3	3.7	7.7	0.0	2.2	2.2
10/11/2025 1:00 AM	0.4	3.5	7.1	0.1	1.6	1.5
10/11/2025 2:00 AM	0.6	3.6	7.3	0.1	0.7	0.5
10/11/2025 3:00 AM	0.2	3.6	7.3	0.0	0.2	0.1
10/11/2025 4:00 AM	0.4	3.5	7.5	0.0	0.0	-0.1
10/11/2025 5:00 AM	0.2	3.5	7.2	0.5	2.8	2.3
10/11/2025 6:00 AM	1.2	3.5	6.8	1.7	5.2	3.4
10/11/2025 7:00 AM	1.0	3.5	8.0	1.0	2.2	1.1
10/11/2025 8:00 AM	0.2	3.8	7.8	0.7	0.3	-0.3
10/11/2025 9:00 AM	0.1	3.6	8.1	0.3	-0.5	-0.8
10/11/2025 10:00 AM	0.0	4.3	9.5	0.4	0.1	-0.3
10/11/2025 11:00 AM	0.3	4.9	10.6	0.4	0.3	0.0
10/11/2025 12:00 PM	0.3	4.3	9.2	0.4	0.1	-0.2
10/11/2025 1:00 PM	0.0	4.1	10.2	0.1	-0.5	-0.6
10/11/2025 2:00 PM	0.0	3.9	9.3	0.3	0.0	-0.2
10/11/2025 3:00 PM	0.0	3.8	8.8	0.2	0.1	-0.1
10/11/2025 4:00 PM	0.0	3.7	9.1	0.1	0.3	0.2
10/11/2025 5:00 PM	0.9	4.0	9.2	0.1	2.6	2.5
10/11/2025 6:00 PM	1.3	4.5	12.8	0.0	3.7	3.7
10/11/2025 7:00 PM	2.0	5.4	11.2	0.0	2.9	2.9
10/11/2025 8:00 PM	2.2	5.7	10.6	0.0	1.8	1.8
10/11/2025 9:00 PM	1.3	5.3	10.3	0.0	1.8	1.8
10/11/2025 10:00 PM	0.9	5.1	8.9	0.0	1.7	1.7
10/11/2025 11:00 PM	0.6	4.7	8.3	0.0	1.7	1.6

Minimum	0.0	3.5	6.8	0.0	-0.5	-0.8
MinTime	10:00 AM	1:00 AM	6:00 AM	12:00 AM	9:00 AM	9:00 AM
Maximum	2.2	5.7	12.8	1.7	5.2	3.7
MaxTime	8:00 PM	8:00 PM	6:00 PM	6:00 AM	6:00 AM	6:00 PM
Daily Average	0.6	4.1	8.8	0.2	1.3	1.0
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, October 11, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Sunday, November 9, 2025

Sunday, October 12, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/12/2025 12:00 AM	0.6	4.5	8.1	0.0	0.2	0.1
10/12/2025 1:00 AM	0.9	4.7	8.0	0.0	0.0	0.1
10/12/2025 2:00 AM	0.4	4.5	8.0	0.0	0.3	0.4
10/12/2025 3:00 AM	0.5	4.5	7.9	0.0	-0.3	-0.3
10/12/2025 4:00 AM	0.4	4.1	7.1	0.0	0.2	0.2
10/12/2025 5:00 AM	0.3	3.8	7.1	0.0	-0.3	-0.3
10/12/2025 6:00 AM	0.7	3.7	6.8	0.1	-0.1	-0.2
10/12/2025 7:00 AM	0.1	3.5	7.0	0.2	-0.5	-0.8
10/12/2025 8:00 AM	0.1	3.6	7.0	0.4	-0.5	-0.9
10/12/2025 9:00 AM	0.0	3.7	7.8	0.3	-0.4	-0.7
10/12/2025 10:00 AM	0.2	4.0	9.3	0.9	1.3	0.3
10/12/2025 11:00 AM	0.0	3.8	9.2	0.0	-0.8	-0.9
10/12/2025 12:00 PM	0.1	3.3	8.1	0.1	-0.8	-0.9
10/12/2025 1:00 PM	0.0	2.7	6.7	0.1	-0.5	-0.7
10/12/2025 2:00 PM	0.4	2.7	7.2	0.3	0.0	-0.2
10/12/2025 3:00 PM	0.0	2.5	5.8	0.2	-0.2	-0.4
10/12/2025 4:00 PM	0.0	2.4	5.8	0.2	0.2	0.0
10/12/2025 5:00 PM	0.0	2.5	5.9	0.4	0.4	0.0
10/12/2025 6:00 PM	0.0	2.8	6.1	0.0	0.9	0.8
10/12/2025 7:00 PM	0.0	3.1	6.3	0.0	2.0	2.0
10/12/2025 8:00 PM	0.2	2.9	6.9	0.0	1.1	1.1
10/12/2025 9:00 PM	0.3	3.1	6.1	0.0	0.7	0.8
10/12/2025 10:00 PM	0.6	3.2	6.2	0.1	0.8	0.6
10/12/2025 11:00 PM	0.2	3.4	6.6	0.0	1.0	1.0

Minimum	0.0	2.4	5.8	0.0	-0.8	-0.9
MinTime	9:00 AM	4:00 PM	3:00 PM	12:00 AM	11:00 AM	8:00 AM
Maximum	0.9	4.7	9.3	0.9	2.0	2.0
MaxTime	1:00 AM	1:00 AM	10:00 AM	10:00 AM	7:00 PM	7:00 PM
Daily Average	0.2	3.4	7.1	0.1	0.1	0.0
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, October 12, 2025

No.	Time	Comments
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BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Monday, November 10, 2025

Monday, October 13, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/13/2025 12:00 AM	0.3	3.3	6.7	0.2	3.0	2.7
10/13/2025 1:00 AM	0.2	3.1	6.0	0.0	1.5	1.4
10/13/2025 2:00 AM	0.2	2.8	5.6	0.1	0.0	0.0
10/13/2025 3:00 AM	0.5	3.0	5.9	#N/A	#N/A	#N/A
10/13/2025 4:00 AM	1.5	3.2	6.5	0.4	1.5	1.0
10/13/2025 5:00 AM	5.2	3.2	6.6	#N/A	#N/A	#N/A
10/13/2025 6:00 AM	6.4	3.6	10.5	5.4	9.9	4.5
10/13/2025 7:00 AM	3.5	4.9	17.4	6.8	10.7	3.8
10/13/2025 8:00 AM	0.6	4.5	8.8	2.0	2.8	0.7
10/13/2025 9:00 AM	0.1	3.0	7.3	1.0	1.3	0.3
10/13/2025 10:00 AM	0.1	2.3	5.3	0.5	0.2	-0.2
10/13/2025 11:00 AM	0.2	1.9	5.9	0.5	0.6	0.0
10/13/2025 12:00 PM	0.1	1.6	5.3	0.2	0.0	-0.3
10/13/2025 1:00 PM	0.1	1.5	4.6	0.1	-0.4	-0.6
10/13/2025 2:00 PM	0.0	1.4	4.7	0.3	0.6	0.2
10/13/2025 3:00 PM	0.0	1.4	5.0	0.2	0.5	0.2
10/13/2025 4:00 PM	0.0	1.4	4.8	0.2	1.7	1.4
10/13/2025 5:00 PM	1.2	2.1	6.6	0.3	5.2	4.8
10/13/2025 6:00 PM	2.8	3.2	10.0	0.1	3.0	2.9
10/13/2025 7:00 PM	1.5	3.4	10.0	0.0	4.2	4.2
10/13/2025 8:00 PM	2.5	3.2	8.5	0.1	5.2	5.0
10/13/2025 9:00 PM	3.7	3.2	7.1	0.9	8.2	7.2
10/13/2025 10:00 PM	3.9	3.4	7.8	0.4	6.3	5.8
10/13/2025 11:00 PM	3.6	3.3	7.7	0.8	6.1	5.3

Minimum	0.0	1.4	4.6	0.0	-0.4	-0.6
MinTime	2:00 PM	2:00 PM	1:00 PM	1:00 AM	1:00 PM	1:00 PM
Maximum	6.4	4.9	17.4	6.8	10.7	7.2
MaxTime	6:00 AM	7:00 AM	7:00 AM	7:00 AM	7:00 AM	9:00 PM
Daily Average	1.5	2.8	7.2	0.9	3.2	2.2
Number	24	24	24	22	22	22
Data Hourly (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, October 13, 2025

No.	Time	Comments
1	12:00:00 AM	VOCs detected for most of the day. 2 sequences of calibration, met 75% completeness requirement.
2	12:01:00 AM	Site host reported that the asphalt plant operated from 3:30 to 4pm. Trucks hauling from 7am to 4pm.
3	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
4	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

42	3:39:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
43	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
44	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
57	3:54:00 AM	NO: ND Calib, NOX: ND Calib, NO2: ND Calib,
58	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
59	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
68	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
69	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
83	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

89	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
90	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
113	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
114	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
122	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Monday, November 10, 2025

Tuesday, October 14, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/14/2025 12:00 AM	2.6	3.0	6.6	0.4	5.5	5.0
10/14/2025 1:00 AM	0.9	2.7	5.2	0.0	1.9	1.8
10/14/2025 2:00 AM	0.8	2.5	5.6	0.0	0.2	0.3
10/14/2025 3:00 AM	1.0	2.3	5.2	0.0	1.3	1.3
10/14/2025 4:00 AM	5.1	2.2	5.3	0.0	1.0	1.0
10/14/2025 5:00 AM	4.6	2.3	5.6	0.1	2.2	2.0
10/14/2025 6:00 AM	6.6	2.8	8.4	0.5	4.0	3.4
10/14/2025 7:00 AM	3.1	2.6	7.7	1.4	4.1	2.6
10/14/2025 8:00 AM	1.5	2.5	7.4	1.0	1.6	0.5
10/14/2025 9:00 AM	0.9	2.7	7.3	1.1	2.6	1.4
10/14/2025 10:00 AM	0.4	3.4	12.0	0.8	2.2	1.4
10/14/2025 11:00 AM	0.3	3.3	11.1	0.3	0.8	0.5
10/14/2025 12:00 PM	0.4	3.0	9.8	0.2	0.5	0.2
10/14/2025 1:00 PM	0.3	2.9	9.8	0.2	0.6	0.3
10/14/2025 2:00 PM	0.1	2.7	9.6	0.2	0.4	0.2
10/14/2025 3:00 PM	0.0	2.0	8.3	0.2	0.7	0.5
10/14/2025 4:00 PM	0.1	1.7	7.4	0.3	3.5	3.2
10/14/2025 5:00 PM	1.3	1.8	6.9	1.8	12.7	10.8
10/14/2025 6:00 PM	2.3	3.6	10.1	0.9	11.5	10.5
10/14/2025 7:00 PM	1.0	5.2	10.1	0.2	2.9	2.7
10/14/2025 8:00 PM	0.5	6.1	10.5	0.0	0.9	0.9
10/14/2025 9:00 PM	0.4	6.1	10.1	0.0	0.4	0.4
10/14/2025 10:00 PM	2.4	6.6	11.0	0.0	2.7	2.7
10/14/2025 11:00 PM	1.5	7.0	12.2	0.1	2.0	1.8

Minimum	0.0	1.7	5.2	0.0	0.2	0.2
MinTime	3:00 PM	4:00 PM	1:00 AM	1:00 AM	2:00 AM	12:00 PM
Maximum	6.6	7.0	12.2	1.8	12.7	10.8
MaxTime	6:00 AM	11:00 PM	11:00 PM	5:00 PM	5:00 PM	5:00 PM
Daily Average	1.5	3.3	8.4	0.4	2.7	2.3
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, October 14, 2025

No.	Time	Comments
1	12:00:00 AM	VOCs detected throughout the day. Highest was 14.3 at 4:54am.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Wednesday, November 12, 2025

Wednesday, October 15, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/15/2025 12:00 AM	2.1	6.7	10.4	0.1	1.6	1.5
10/15/2025 1:00 AM	2.0	6.8	11.2	0.2	3.2	2.9
10/15/2025 2:00 AM	2.6	6.2	9.5	0.1	2.5	2.3
10/15/2025 3:00 AM	2.3	6.1	9.2	0.1	1.1	1.0
10/15/2025 4:00 AM	3.0	6.1	9.9	3.5	5.4	1.9
10/15/2025 5:00 AM	4.2	5.9	9.7	3.1	5.4	2.2
10/15/2025 6:00 AM	23.0	5.7	10.2	1.7	4.6	2.8
10/15/2025 7:00 AM	6.7	5.2	9.6	3.1	5.5	2.4
10/15/2025 8:00 AM	3.1	4.3	8.2	1.6	1.9	0.2
10/15/2025 9:00 AM	0.6	3.9	7.7	0.7	0.2	-0.4
10/15/2025 10:00 AM	0.2	3.4	7.3	0.4	0.3	-0.1
10/15/2025 11:00 AM	1.3	4.2	13.4	0.5	0.8	0.3
10/15/2025 12:00 PM	0.7	3.9	11.2	0.3	0.4	0.0
10/15/2025 1:00 PM	0.2	4.0	10.1	0.2	0.2	0.0
10/15/2025 2:00 PM	0.1	4.1	10.4	0.2	0.4	0.2
10/15/2025 3:00 PM	0.0	3.9	11.8	0.2	1.1	0.8
10/15/2025 4:00 PM	0.4	3.5	10.4	0.3	4.8	4.5
10/15/2025 5:00 PM	2.8	3.7	10.4	1.2	14.4	13.2
10/15/2025 6:00 PM	3.1	4.1	10.6	1.1	16.5	15.4
10/15/2025 7:00 PM	3.5	5.1	12.4	0.2	7.5	7.2
10/15/2025 8:00 PM	2.2	3.6	8.7	0.1	5.5	5.4
10/15/2025 9:00 PM	2.8	3.9	9.8	0.2	8.2	7.9
10/15/2025 10:00 PM	3.8	4.1	7.8	0.1	6.7	6.5
10/15/2025 11:00 PM	3.4	4.1	7.6	0.0	4.3	4.3

Minimum	0.0	3.4	7.3	0.0	0.2	-0.4
MinTime	3:00 PM	10:00 AM	10:00 AM	11:00 PM	9:00 AM	9:00 AM
Maximum	23.0	6.8	13.4	3.5	16.5	15.4
MaxTime	6:00 AM	1:00 AM	11:00 AM	4:00 AM	6:00 PM	6:00 PM
Daily Average	3.0	4.6	9.8	0.8	4.2	3.4
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, October 15, 2025

No.	Time	Comments
1	12:00:00 AM	VOCs off and on throughout the day. Highest detected was 44.3@6:42am
2	12:01:00 AM	Site host reported that the asphalt plan ran off and on from 7am to 4pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, November 13, 2025

Thursday, October 16, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/16/2025 12:00 AM	3.7	3.9	7.4	0.0	2.5	2.5
10/16/2025 1:00 AM	4.3	4.0	6.9	0.0	1.2	1.2
10/16/2025 2:00 AM	3.5	4.0	8.0	0.0	0.7	0.7
10/16/2025 3:00 AM	3.5	4.1	7.8	0.0	0.4	0.4
10/16/2025 4:00 AM	8.4	4.1	7.5	0.0	1.3	1.4
10/16/2025 5:00 AM	12.3	4.2	8.7	0.4	4.2	3.8
10/16/2025 6:00 AM	9.5	4.4	8.3	0.2	3.7	3.5
10/16/2025 7:00 AM	8.0	4.4	9.5	1.7	4.8	3.1
10/16/2025 8:00 AM	5.2	4.5	8.9	1.8	4.1	2.2
10/16/2025 9:00 AM	5.6	5.1	16.6	2.6	7.2	4.5
10/16/2025 10:00 AM	1.3	4.0	16.2	0.6	1.4	0.8
10/16/2025 11:00 AM	0.1	3.1	10.7	0.1	-0.2	-0.3
10/16/2025 12:00 PM	0.2	3.5	10.3	0.3	0.3	0.0
10/16/2025 1:00 PM	0.0	3.2	9.8	0.2	0.2	0.0
10/16/2025 2:00 PM	0.0	2.9	10.6	0.2	0.0	-0.2
10/16/2025 3:00 PM	0.1	2.7	7.5	0.5	1.6	1.0
10/16/2025 4:00 PM	0.0	2.4	7.4	0.1	1.7	1.5
10/16/2025 5:00 PM	0.8	4.0	12.7	0.6	9.3	8.7
10/16/2025 6:00 PM	1.0	5.5	21.4	0.2	11.1	10.8
10/16/2025 7:00 PM	2.1	3.5	11.2	0.6	10.5	9.9
10/16/2025 8:00 PM	1.6	3.1	7.9	0.2	7.2	6.9
10/16/2025 9:00 PM	0.8	2.8	6.4	0.0	3.0	3.0
10/16/2025 10:00 PM	0.5	2.7	6.0	0.0	1.8	1.9
10/16/2025 11:00 PM	0.2	2.7	6.3	0.0	2.2	2.2

Minimum	0.0	2.4	6.0	0.0	-0.2	-0.3
MinTime	1:00 PM	4:00 PM	10:00 PM	12:00 AM	11:00 AM	11:00 AM
Maximum	12.3	5.5	21.4	2.6	11.1	10.8
MaxTime	5:00 AM	6:00 PM	6:00 PM	9:00 AM	6:00 PM	6:00 PM
Daily Average	3.0	3.7	9.7	0.4	3.3	2.8
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Thursday, October 16, 2025

No.	Time	Comments
1	12:00:00 AM	Again, VOCs spiking in the early am. Highest was 22.6 @5:10am'
2	12:01:00 AM	Site host reported that the asphalt plant ran off and on from 7am to 4pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Thursday, November 13, 2025

Friday, October 17, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/17/2025 12:00 AM	0.9	2.7	6.5	0.0	1.8	1.8
10/17/2025 1:00 AM	0.5	2.6	5.5	0.0	0.3	0.3
10/17/2025 2:00 AM	0.4	2.5	5.1	0.6	1.9	1.3
10/17/2025 3:00 AM	0.8	2.5	5.4	0.0	0.0	0.0
10/17/2025 4:00 AM	0.5	2.5	5.2	0.0	0.0	0.0
10/17/2025 5:00 AM	0.3	2.5	5.8	0.1	1.5	1.3
10/17/2025 6:00 AM	2.4	2.7	6.8	0.2	2.1	1.9
10/17/2025 7:00 AM	2.1	2.8	6.9	1.0	3.0	2.0
10/17/2025 8:00 AM	1.1	2.6	5.9	1.4	2.6	1.1
10/17/2025 9:00 AM	0.6	2.5	6.2	0.8	1.1	0.3
10/17/2025 10:00 AM	0.1	2.6	8.3	0.4	0.2	-0.1
10/17/2025 11:00 AM	0.5	3.0	8.6	0.8	1.7	0.9
10/17/2025 12:00 PM	0.1	3.2	9.2	0.2	0.0	-0.2
10/17/2025 1:00 PM	0.1	3.7	11.1	0.0	-0.7	-0.7
10/17/2025 2:00 PM	0.3	3.8	11.0	0.1	0.0	0.0
10/17/2025 3:00 PM	0.1	4.2	11.9	0.1	0.2	0.1
10/17/2025 4:00 PM	0.2	4.7	13.0	0.0	1.8	1.7
10/17/2025 5:00 PM	3.9	5.4	22.2	0.2	8.7	8.4
10/17/2025 6:00 PM	3.5	5.8	19.8	0.2	9.5	9.2
10/17/2025 7:00 PM	3.6	5.6	12.4	0.0	4.1	4.1
10/17/2025 8:00 PM	2.7	5.2	11.7	0.0	2.3	2.4
10/17/2025 9:00 PM	1.5	4.7	10.0	0.0	3.9	3.9
10/17/2025 10:00 PM	0.8	4.5	9.4	0.0	1.4	1.4
10/17/2025 11:00 PM	0.4	4.5	8.1	0.0	0.3	0.3

Minimum	0.1	2.5	5.1	0.0	-0.7	-0.7
MinTime	10:00 AM	2:00 AM	2:00 AM	12:00 AM	1:00 PM	1:00 PM
Maximum	3.9	5.8	22.2	1.4	9.5	9.2
MaxTime	5:00 PM	6:00 PM	5:00 PM	8:00 AM	6:00 PM	6:00 PM
Daily Average	1.1	3.6	9.4	0.2	1.9	1.7
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Friday, October 17, 2025

No.	Time	Comments
1	12:00:00 AM	Site host reported that the asphalt plant ran off and on from 7am to 4pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, November 14, 2025

Saturday, October 18, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/18/2025 12:00 AM	0.2	4.3	7.3	0.0	-0.3	-0.2
10/18/2025 1:00 AM	0.0	4.2	7.8	0.0	-0.7	-0.6
10/18/2025 2:00 AM	0.2	4.2	7.8	0.0	-0.3	-0.3
10/18/2025 3:00 AM	0.2	4.2	8.2	0.0	0.5	0.6
10/18/2025 4:00 AM	0.1	4.5	8.2	0.0	-0.6	-0.6
10/18/2025 5:00 AM	4.4	4.6	8.7	0.0	-0.1	-0.1
10/18/2025 6:00 AM	2.1	4.6	8.5	0.3	1.0	0.7
10/18/2025 7:00 AM	0.6	4.7	9.0	0.5	1.4	0.9
10/18/2025 8:00 AM	0.6	5.0	9.9	0.4	1.0	0.6
10/18/2025 9:00 AM	0.6	5.7	12.3	0.5	1.4	0.8
10/18/2025 10:00 AM	0.6	7.4	14.8	0.2	0.2	0.0
10/18/2025 11:00 AM	0.0	10.3	20.2	0.0	-0.7	-0.7
10/18/2025 12:00 PM	0.0	11.1	20.5	0.0	-0.4	-0.4
10/18/2025 1:00 PM	0.0	11.6	18.9	0.0	-0.6	-0.6
10/18/2025 2:00 PM	0.0	11.6	19.5	0.0	-0.4	-0.4
10/18/2025 3:00 PM	0.0	11.6	20.1	0.0	-0.5	-0.5
10/18/2025 4:00 PM	0.6	11.6	20.6	0.1	2.8	2.7
10/18/2025 5:00 PM	1.9	11.7	21.7	0.6	10.6	10.0
10/18/2025 6:00 PM	2.2	11.3	20.4	0.5	8.2	7.7
10/18/2025 7:00 PM	3.5	12.1	21.1	0.0	7.7	7.7
10/18/2025 8:00 PM	4.4	12.4	19.9	0.0	6.5	6.4
10/18/2025 9:00 PM	3.1	11.4	17.4	0.0	4.8	4.8
10/18/2025 10:00 PM	1.7	11.1	17.5	0.0	3.0	2.9
10/18/2025 11:00 PM	0.0	11.0	17.0	0.0	-0.3	-0.2

Minimum	0.0	4.2	7.3	0.0	-0.7	-0.7
MinTime	1:00 AM	1:00 AM	12:00 AM	12:00 AM	1:00 AM	11:00 AM
Maximum	4.4	12.4	21.7	0.6	10.6	10.0
MaxTime	5:00 AM	8:00 PM	5:00 PM	5:00 PM	5:00 PM	5:00 PM
Daily Average	1.1	8.4	14.8	0.1	1.8	1.7
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Saturday, October 18, 2025

No.	Time	Comments
1	11:39:00 PM	Elevated VOCs, PM2.5 and PM 10 at various times.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Friday, November 14, 2025

Sunday, October 19, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/19/2025 12:00 AM	0.0	10.6	16.5	-0.1	-0.5	-0.3
10/19/2025 1:00 AM	0.1	10.8	16.0	0.0	-0.5	-0.5
10/19/2025 2:00 AM	0.0	8.7	14.4	0.0	-1.2	-1.1
10/19/2025 3:00 AM	0.0	7.7	13.0	-0.1	-1.3	-1.2
10/19/2025 4:00 AM	0.0	7.4	13.1	0.0	-1.3	-1.2
10/19/2025 5:00 AM	0.0	7.7	13.3	0.0	-1.1	-1.0
10/19/2025 6:00 AM	0.0	7.9	13.7	0.0	-1.1	-1.0
10/19/2025 7:00 AM	0.0	6.8	12.2	0.0	-1.1	-1.0
10/19/2025 8:00 AM	0.0	6.2	13.1	0.0	-1.0	-0.9
10/19/2025 9:00 AM	0.0	4.9	11.2	0.0	-1.2	-1.1
10/19/2025 10:00 AM	0.0	2.7	7.7	0.0	-0.8	-0.8
10/19/2025 11:00 AM	0.0	1.3	5.4	0.0	-1.3	-1.3
10/19/2025 12:00 PM	0.0	0.9	3.3	0.0	-1.1	-1.0
10/19/2025 1:00 PM	0.0	1.2	3.4	0.0	-0.9	-0.9
10/19/2025 2:00 PM	0.0	2.5	6.0	0.0	-1.1	-1.1
10/19/2025 3:00 PM	0.0	2.4	5.6	0.0	-1.1	-1.1
10/19/2025 4:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/19/2025 5:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/19/2025 6:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/19/2025 7:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/19/2025 8:00 PM	0.0	0.0	0.0	0.0	-1.4	-1.5
10/19/2025 9:00 PM	0.0	0.0	0.0	-0.1	-1.3	-1.1
10/19/2025 10:00 PM	0.0	0.0	0.0	0.0	-1.2	-1.1
10/19/2025 11:00 PM	0.0	0.0	0.0	-0.1	-1.1	-1.0

Minimum	0.0	0.0	0.0	-0.1	-1.4	-1.5
MinTime	12:00 AM	8:00 PM	8:00 PM	12:00 AM	8:00 PM	8:00 PM
Maximum	0.1	10.8	16.5	0.0	-0.5	-0.3
MaxTime	1:00 AM	1:00 AM	12:00 AM	1:00 AM	12:00 AM	12:00 AM
Daily Average	0.0	4.4	8.3	0.0	-1.0	-1.0
Number	20	20	20	20	20	20
Data Hourly (%)	83.33%	83.33%	83.33%	83.33%	83.33%	83.33%
Data Minute (%)	84.10%	84.44%	84.44%	83.96%	83.96%	83.96%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Sunday, October 19, 2025

No.	Time	Comments
1	12:00:00 AM	Power outage due to storms impacted the data recieved for several hours. Despite that, we still met the required 75% completeness.
2	3:50:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
3	3:51:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
4	3:52:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
5	3:53:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
6	3:54:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
7	3:55:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
8	3:56:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
9	3:57:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
10	3:58:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
11	3:59:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
12	4:00:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
13	4:01:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
14	4:02:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
15	4:03:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
16	4:04:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
17	4:05:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
18	4:06:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
19	4:07:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
20	4:08:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
21	4:09:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
22	4:10:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
23	4:11:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
24	4:12:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
25	4:13:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
26	4:14:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
27	4:15:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
28	4:16:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
29	4:17:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
30	4:18:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
31	4:19:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
32	4:20:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
33	4:21:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
34	4:22:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
35	4:23:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
36	4:24:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
37	4:25:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
38	4:26:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
39	4:27:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
40	4:28:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
41	4:29:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,
42	4:30:00 PM	VOC: ND , PM2.5: ND ---, PM10: ND ---, NO: ND ---, NOX: ND ---, NO2: ND ---,

[illegible]

226	7:34:00 PM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
227	7:35:00 PM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
228	7:36:00 PM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
229	7:37:00 PM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
230	7:38:00 PM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
231	7:39:00 PM	PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
232	7:40:00 PM	PM2.5: ND <Samp, PM10: ND <Samp, NO: ND <Samp, NOX: ND <Samp, NO2: ND <Samp,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Saturday, November 15, 2025

Monday, October 20, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/20/2025 12:00 AM	0.0	0.0	0.0	0.0	0.2	0.2
10/20/2025 1:00 AM	0.0	0.0	0.0	0.0	0.2	0.2
10/20/2025 2:00 AM	0.0	0.0	0.0	0.0	0.4	0.5
10/20/2025 3:00 AM	0.1	0.0	0.0	#N/A	#N/A	#N/A
10/20/2025 4:00 AM	0.1	0.0	0.0	0.9	7.1	6.2
10/20/2025 5:00 AM	0.1	0.0	0.0	#N/A	#N/A	#N/A
10/20/2025 6:00 AM	0.7	0.0	0.0	1.8	7.5	5.6
10/20/2025 7:00 AM	4.8	0.6	1.6	4.9	10.4	5.4
10/20/2025 8:00 AM	0.9	3.0	7.5	5.3	5.6	0.2
10/20/2025 9:00 AM	0.0	2.7	8.2	0.0	-1.0	-1.1
10/20/2025 10:00 AM	0.0	2.9	8.6	0.2	-0.7	-0.9
10/20/2025 11:00 AM	0.0	2.5	9.3	0.1	-1.0	-1.1
10/20/2025 12:00 PM	0.1	2.1	8.1	0.1	-0.9	-1.0
10/20/2025 1:00 PM	0.0	2.1	7.4	0.0	-1.1	-1.2
10/20/2025 2:00 PM	0.0	1.8	6.2	0.2	-0.5	-0.7
10/20/2025 3:00 PM	0.0	1.9	6.5	0.3	0.3	0.0
10/20/2025 4:00 PM	0.2	2.2	7.2	2.4	9.5	7.1
10/20/2025 5:00 PM	0.2	2.4	7.6	2.3	13.3	11.0
10/20/2025 6:00 PM	1.1	3.4	8.3	1.9	15.4	13.5
10/20/2025 7:00 PM	0.8	3.4	8.2	0.6	8.9	8.3
10/20/2025 8:00 PM	1.0	3.4	7.2	0.0	2.6	2.5
10/20/2025 9:00 PM	0.3	3.4	6.9	0.0	2.5	2.5
10/20/2025 10:00 PM	0.2	3.1	6.3	0.0	0.6	0.6
10/20/2025 11:00 PM	0.1	2.8	5.6	0.0	-0.2	-0.1

Minimum	0.0	0.0	0.0	0.0	-1.1	-1.2
MinTime	12:00 AM	12:00 AM	12:00 AM	12:00 AM	1:00 PM	1:00 PM
Maximum	4.8	3.4	9.3	5.3	15.4	13.5
MaxTime	7:00 AM	6:00 PM	11:00 AM	8:00 AM	6:00 PM	6:00 PM
Daily Average	0.4	1.8	5.0	0.9	3.5	2.6
Number	24	24	24	22	22	22
Data Hourly (%)	100.00%	100.00%	100.00%	91.67%	91.67%	91.67%
Data Minute (%)	100.00%	99.86%	99.86%	90.76%	90.76%	90.76%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Monday, October 20, 2025

No.	Time	Comments
1	12:00:00 AM	2 sequences of calibration as well as invalid data for PM2.5 and PM10 @7:48 and 7:49am. We still achieved the required 75% completeness.
2	12:01:00 AM	Site host reported that the asphalt plant ran off and on from 7am to 4pm.
3	3:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
4	3:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
5	3:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
6	3:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
7	3:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
8	3:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
9	3:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
10	3:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
11	3:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
12	3:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
13	3:10:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
14	3:11:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
15	3:12:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
16	3:13:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
17	3:14:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
18	3:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
19	3:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
20	3:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
21	3:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
22	3:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
23	3:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
24	3:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
25	3:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
26	3:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
27	3:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
28	3:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
29	3:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
30	3:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
31	3:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
32	3:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
33	3:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
34	3:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
35	3:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
36	3:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
37	3:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
38	3:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
39	3:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
40	3:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
41	3:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
42	3:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

43	3:40:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
44	3:41:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
45	3:42:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
46	3:43:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
47	3:44:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
48	3:45:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
49	3:46:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
50	3:47:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
51	3:48:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
52	3:49:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
53	3:50:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
54	3:51:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
55	3:52:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
56	3:53:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
57	3:54:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
58	3:55:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
59	3:56:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
60	3:57:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
61	3:58:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
62	3:59:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
63	4:00:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
64	4:01:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
65	4:02:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
66	4:03:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
67	4:04:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
68	5:00:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
69	5:01:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
70	5:02:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
71	5:03:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
72	5:04:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
73	5:05:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
74	5:06:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
75	5:07:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
76	5:08:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
77	5:09:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
78	5:10:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
79	5:11:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
80	5:12:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
81	5:13:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
82	5:14:00 AM	NO: ND Zero, NOX: ND Zero, NO2: ND Zero,
83	5:15:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
84	5:16:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
85	5:17:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
86	5:18:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
87	5:19:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
88	5:20:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
89	5:21:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

90	5:22:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
91	5:23:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
92	5:24:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
93	5:25:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
94	5:26:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
95	5:27:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
96	5:28:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
97	5:29:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
98	5:30:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
99	5:31:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
100	5:32:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
101	5:33:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
102	5:34:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
103	5:35:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
104	5:36:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
105	5:37:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
106	5:38:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
107	5:39:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
108	5:40:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
109	5:41:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
110	5:42:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
111	5:43:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
112	5:44:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
113	5:45:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
114	5:46:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
115	5:47:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
116	5:48:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
117	5:49:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
118	5:50:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
119	5:51:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
120	5:52:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
121	5:53:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
122	5:54:00 AM	NO: ND Purge, NOX: ND Purge, NO2: ND Purge,
123	7:48:00 AM	PM2.5: ND ---, PM10: ND ---,
124	7:49:00 AM	PM2.5: ND ---, PM10: ND ---,
125	7:58:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
126	7:59:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
127	8:00:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
128	8:01:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
129	8:02:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
130	8:03:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
131	8:04:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
132	8:05:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
133	8:06:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
134	8:07:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
135	8:08:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,
136	8:09:00 AM	NO: ND Span, NOX: ND Span, NO2: ND Span,

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Saturday, November 15, 2025

Tuesday, October 21, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/21/2025 12:00 AM	0.7	2.8	5.5	0.0	-0.2	-0.2
10/21/2025 1:00 AM	0.5	2.7	5.3	0.0	-0.2	-0.1
10/21/2025 2:00 AM	0.5	2.8	5.2	0.0	1.1	1.1
10/21/2025 3:00 AM	1.4	2.9	6.0	0.0	1.8	1.8
10/21/2025 4:00 AM	7.4	2.8	6.0	0.1	0.6	0.5
10/21/2025 5:00 AM	0.8	2.8	5.8	0.1	1.2	1.0
10/21/2025 6:00 AM	2.3	2.9	6.7	0.6	2.7	2.0
10/21/2025 7:00 AM	0.9	2.8	6.1	1.1	3.0	1.8
10/21/2025 8:00 AM	1.1	3.2	6.9	1.5	2.8	1.2
10/21/2025 9:00 AM	1.2	5.0	10.4	1.3	2.6	1.2
10/21/2025 10:00 AM	0.2	5.3	11.7	0.2	0.0	-0.2
10/21/2025 11:00 AM	0.1	5.8	12.8	0.0	-0.4	-0.5
10/21/2025 12:00 PM	0.4	7.2	17.9	0.2	0.1	0.0
10/21/2025 1:00 PM	0.1	7.3	15.7	0.0	-0.2	-0.2
10/21/2025 2:00 PM	0.3	7.2	17.9	0.0	0.6	0.6
10/21/2025 3:00 PM	0.5	6.9	12.6	0.1	0.8	0.6
10/21/2025 4:00 PM	0.2	6.8	12.1	0.0	0.0	0.1
10/21/2025 5:00 PM	0.0	6.9	11.0	-0.1	0.0	0.0
10/21/2025 6:00 PM	0.0	6.5	11.0	0.0	0.2	0.3
10/21/2025 7:00 PM	0.1	6.1	11.5	0.0	0.5	0.6
10/21/2025 8:00 PM	0.0	6.6	12.9	-0.1	-0.5	-0.4
10/21/2025 9:00 PM	0.0	6.6	11.2	-0.1	-0.6	-0.5
10/21/2025 10:00 PM	0.1	6.5	12.2	0.0	-0.6	-0.5
10/21/2025 11:00 PM	0.2	6.5	12.0	0.0	-0.4	-0.4

Minimum	0.0	2.7	5.2	-0.1	-0.6	-0.5
MinTime	5:00 PM	1:00 AM	2:00 AM	5:00 PM	9:00 PM	11:00 AM
Maximum	7.4	7.3	17.9	1.5	3.0	2.0
MaxTime	4:00 AM	1:00 PM	12:00 PM	8:00 AM	7:00 AM	6:00 AM
Daily Average	0.7	5.1	10.2	0.2	0.6	0.4
Number	24	24	24	24	24	24
Data Hourly (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Data Minute (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Tuesday, October 21, 2025

No.	Time	Comments
1	12:00:00 AM	VOC spikes throughout the day. Highest were in the early am. 17.3 @4:14am
2	12:01:00 AM	Site host reported that the asphalt plant ran off and on from 7am to 4pm.

BREDL Site Report

Location: Unicoi
60 Minutes Data averaged

Quality Control by: Therese Vick
Date: Sunday, November 16, 2025

Wednesday, October 22, 2025

DATE & TIME	voc ppb	pm25 ug/m3	pm10 ug/m3	no ppb	nox ppb	no2 ppb
10/22/2025 12:00 AM	0.0	6.6	10.7	-0.1	-0.6	-0.5
10/22/2025 1:00 AM	0.0	6.6	12.4	0.0	-0.5	-0.4
10/22/2025 2:00 AM	0.1	6.5	12.5	0.0	-0.3	-0.3
10/22/2025 3:00 AM	0.0	5.7	11.6	0.0	-0.1	-0.1
10/22/2025 4:00 AM	0.1	5.5	11.4	0.0	4.1	4.0
10/22/2025 5:00 AM	0.3	5.2	13.4	0.1	2.9	2.7
10/22/2025 6:00 AM	0.7	5.1	12.4	1.6	10.4	8.8
10/22/2025 7:00 AM	1.4	4.8	13.0	3.1	9.5	6.3
10/22/2025 8:00 AM	0.0	3.7	15.1	0.2	0.0	-0.2
10/22/2025 9:00 AM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/22/2025 10:00 AM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/22/2025 11:00 AM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/22/2025 12:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/22/2025 1:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/22/2025 2:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/22/2025 3:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/22/2025 4:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/22/2025 5:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/22/2025 6:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/22/2025 7:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/22/2025 8:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/22/2025 9:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/22/2025 10:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
10/22/2025 11:00 PM	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

Minimum	0.0	3.7	10.7	-0.1	-0.6	-0.5
MinTime	12:00 AM	8:00 AM	12:00 AM	12:00 AM	12:00 AM	12:00 AM
Maximum	1.4	6.6	15.1	3.1	10.4	8.8
MaxTime	7:00 AM	12:00 AM	8:00 AM	7:00 AM	6:00 AM	6:00 AM
Daily Average	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Number	9	9	9	9	9	9
Data Hourly (%)	37.50%	37.50%	37.50%	37.50%	37.50%	37.50%
Data Minute (%)	36.60%	36.53%	36.53%	36.53%	36.53%	36.53%

*#N/A indicates there was not enough data or valid data for the time range.

BREDL Quality Control Comments

Location: Unicoi Wednesday, October 22, 2025

No.	Time	Comments
1	12:00:00 AM	The trailer was moved to Site 3 on this day, so no data was collected after 8:47am. Therefore, we did not meet the required 75% completeness.
2	8:46:00 AM	PM2.5: ND <Samp, PM10: ND <Samp, NO: ND <Samp, NOX: ND <Samp, NO2: ND <Samp,
3	8:47:00 AM	VOC: ND Service, PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
4	8:48:00 AM	VOC: ND Service, PM2.5: ND Maintain, PM10: ND Maintain, NO: ND Maintain, NOX: ND Maintain, NO2: ND Maintain,
5	8:49:00 AM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
6	8:50:00 AM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
7	8:51:00 AM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
8	8:52:00 AM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
9	8:53:00 AM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
10	8:54:00 AM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
11	8:55:00 AM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
12	8:56:00 AM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
13	8:57:00 AM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
14	8:58:00 AM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
15	8:59:00 AM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
16	9:00:00 AM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
17	9:01:00 AM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
18	9:02:00 AM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
19	9:03:00 AM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
20	9:04:00 AM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,
21	9:05:00 AM	VOC: ND , PM2.5: ND NoData, PM10: ND NoData, NO: ND NoData, NOX: ND NoData, NO2: ND NoData,

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