

Daily Summary Report

Site: Clemmons Middle

9/10/2025

Interval: 001h

	Ozone	PM2.5	PM10 LC	PM Coarse
Time	ppm	ug/m3	ug/m3	ug/m3
00:00	.014	4.4	8.2	3.8
01:00	.014	4.5	8.7	4.1
02:00	.015	4.5	8.5	4.0
03:00	.016	4.4	8.3	3.8
04:00	.015	4.4	8.7	4.3
05:00	.011	4.4	8.8	4.3
06:00	.008	4.6	10.5	5.9
07:00	.016	4.7	9.9	5.1
08:00	.025	5.0	11.1	6.1
09:00	.032	5.0	11.5	6.5
10:00	.040	4.9	10.2	5.2
11:00	.043	4.6	10.3	5.6
12:00	.044	4.8	9.8	4.9
13:00	.046	5.1	12.5	7.4
14:00	.046	4.7	10.1	5.3
15:00	.045	5.0	12.1	7.0
16:00	.045	4.6	11.3	6.6
17:00	.042	4.8	10.9	6.1
18:00	.032	12.9	17.7	4.8
19:00	.024	11.4	18.9	7.4
20:00	.014	6.0	12.3	6.3
21:00	.011	5.7	11.0	5.2
22:00	.005 C	6.3	11.4	5.0
23:00	C	5.3	10.1	4.8
Average	.026	5.5	10.9	5.3
Max	.046	12.9	18.9	7.4
Max Hour	14:00	18:00	19:00	19:00
Min	.005	4.4	8.2	3.8
Count	23	24	24	24
Total				

Calibration Report

<u>Parameter</u>	<u>Sequence</u>	<u>Phase</u>	<u>Start Time</u>	<u>End Time</u>	<u>Value</u>	<u>Expected Value</u>	<u>% Error</u>
Ozone	O3_Auto	ZERO	10-Sep-2025 22:50:00	23:20:00	0	0.0	0.00
		PREC	10-Sep-2025 22:50:00	23:50:00	0.069	0.07	-.79%

Daily Summary Report

Site: Hattie Avenue (A)

9/10/2025

Interval: 001h

	Ozone	NO	NO2	NOx	SO2
Time	ppm	ppb	ppb	ppb	ppb
00:00	.027	.0	2.5	2.4	.0
01:00	.027	.0	2.7	2.7	.0
02:00	.027	.0	3.3	3.3	.0
03:00	.029	.0	1.5	1.4	.0
04:00	.030	.0	1.6	1.6	.0
05:00	.029	.0	2.2	2.1	.0
06:00	.030	.1	2.4	2.6	.0
07:00	.034	.3	2.3	2.6	.0
08:00	.040	.1	1.4	1.6	.0
09:00	.041	.1	1.2	1.3	.0
10:00	.044	.0	.9	.9	.0
11:00	.045	.1	1.1	1.3	.0
12:00	.045	.0	.9	.9	.0
13:00	.045	.0	.9	.9	.0
14:00	.044	.0	1.0	1.0	.0
15:00	.045	.0 C	1.1 C	1.0 C	.0
16:00	.044	C	C	C	.0
17:00	.038	.2 C	4.1 C	4.3 C	.0
18:00	.036	.0	4.8	4.7	.2
19:00	.028	.0	10.0	10.0	.3 C
20:00	.026	.0	9.7	9.8	C
21:00	.031	.0	5.2	5.3	.1 C
22:00	.029 C	.0	5.0	5.0	.0
23:00	C	.2	11.1	11.3	.0
Average	.035	.0	3.3	3.3	.0
Max	.045	.3	11.1	11.3	.3
Max Hour	15:00	07:00	23:00	23:00	19:00
Min	.026	.0	.9	.9	.0
Count	23	23	23	23	23
Total					

Calibration Report

<u>Parameter</u>	<u>Sequence</u>	<u>Phase</u>	<u>Start Time</u>		<u>End Time</u>	<u>Value</u>	<u>Expected Value</u>	<u>% Error</u>
NO	NOx_Auto	NO-PREC	10-Sep-2025	15:46:00	16:11:00	64.2	70	-8.27%
		GPT-PS	10-Sep-2025	15:46:00	16:18:00	0.3	0.0	.37
		GPTZ	10-Sep-2025	15:46:00	16:38:00	207.7	225	-7.68%
		GPT-PREC	10-Sep-2025	15:46:00	17:08:00	144.1	155	-7%
NO2		GPT-PREC	10-Sep-2025	15:46:00	17:08:00	64.5	70	-7.72%
NO2 Precision	NO2_Diff	PRECDIFF	10-Sep-2025	17:15:00	17:15:05	63.5	64.595	-1.6%
NOx	NOx_Auto	NO-PREC	10-Sep-2025	15:46:00	16:11:00	64	70	-8.45%
Ozone	O3_Auto	ZERO	10-Sep-2025	22:50:00	23:20:00	0	0.0	0.00
		PREC	10-Sep-2025	22:50:00	23:50:00	0.069	0.07	-.4%
SO2	SO2_Auto	ZERO	10-Sep-2025	19:46:00	20:11:00	0	0.0	0.00
		SPAN	10-Sep-2025	19:46:00	20:36:00	86.8	90	-3.52%
		PREC	10-Sep-2025	19:46:00	21:01:00	38.5	40	-3.55%

Daily Summary Report

Site: Hattie Avenue (B)

9/10/2025

Interval: 001h

	PM2.5	PM10 STP	PM Coarse
Time	ug/m3	ug/m3	ug/m3
00:00	4.1	8.8	4.7
01:00	4.2	7.7	3.5
02:00	4.2	7.4	3.2
03:00	4.3	7.7	3.4
04:00	4.4	8.1	3.7
05:00	4.6	9.5	5.0
06:00	4.8	10.4	5.6
07:00	4.9	10.7	5.6
08:00	4.9	12.1	7.0
09:00	5.0	11.8	6.5
10:00	B	B	B
11:00	4.7 B	9.4 B	4.4 B
12:00	4.7	9.3	4.2
13:00	4.6	9.1	4.1
14:00	4.8	11.9	6.7
15:00	4.4	10.2	5.5
16:00	4.1	9.8	5.3
17:00	4.4	10.4	5.6
18:00	4.7	11.2	6.2
19:00	5.8	13.6	7.5
20:00	5.8	12.6	6.6
21:00	6.3	13.0	6.5
22:00	6.0	10.8	4.7
23:00	6.8	12.8	5.9
Average	4.8	10.3	5.2
Max	6.8	13.6	7.5
Max Hour	23:00	19:00	19:00
Min	4.1	7.4	3.2
Count	23	23	23
Total			

Calibration Report

<u>Parameter</u>	<u>Sequence</u>	<u>Phase</u>	<u>Start Time</u>	<u>End Time</u>	<u>Value</u>	<u>Expected</u> <u>Value</u>	<u>% Error</u>
						0.0	-3.55%

Daily Summary Report

Site: Union Cross

9/10/2025

Interval: 001h

	Ozone	Barometric Pres.	Temperature (°F)	Dew Point (°F)
Time	ppm	mmHg	DegF	DegF
00:00	.021	739.9	59.0	52.2
01:00	.023	739.8	57.6	51.9
02:00	.023	739.6	57.2	51.9
03:00	.024	739.5	57.6	51.6
04:00	.031	739.4	57.7	50.9
05:00	.030 B	739.6	57.7	51.1
06:00	.025	739.9	58.6	52.2
07:00	.027 D	740.1	61.0	53.8
08:00	D	740.3	64.8	54.8
09:00	D	740.3	67.6	55.0
10:00	.039	740.1	69.8	55.2
11:00	.044	739.8	71.9	55.9
12:00	.046	739.3	73.7	57.1
13:00	.047	738.9	75.6	58.7
14:00	.044	738.5	76.5	59.3
15:00	.040	738.3	77.1	59.7
16:00	.040	738.3	76.8	60.1
17:00	.038	738.4	76.4	60.2
18:00	.031 B	738.3	74.2	60.2
19:00	.028	738.5	69.8	59.2
20:00	.024	738.5	68.3	59.1
21:00	.020	738.8	66.7	59.0
22:00	.017 C	739.1	63.6	59.2
23:00	C	739.4	62.3	59.8
Average	.031	739.2	66.7	56.1
Max	.047	740.3	77.1	60.2
Max Hour	13:00	09:00	15:00	18:00
Min	.017	738.3	57.2	50.9
Count	21	24	24	24
Total				

Calibration Report

<u>Parameter</u>	<u>Sequence</u>	<u>Phase</u>	<u>Start Time</u>	<u>End Time</u>	<u>Value</u>	<u>Expected Value</u>	<u>% Error</u>
Ozone	O3_Auto	ZERO	10-Sep-2025 22:50:00	23:20:00	0	0.0	0.00
		PREC	10-Sep-2025 22:50:00	23:50:00	0.07	0.07	1.19%

Flags

T	Out of Control	A	Arithmetic Error (math calculation error)	t	Out of Control (Partial)	S	Site Visit
s	Site Activity	>	Some Data Missing	+	Max Exceeded	-	Min Exceeded
<	Logger Invalid	?	Suspect	a	Audit	B	Bad Status
C	Calibration	c	Ceiling Limit	D	Channel Disabled	E	Edited
e	Site Malfunction	f	Floor Limit	H	High-High Alarm	h	High Alarm
I	Invalidated By Edit	J	High Rate of Change Exceeded	L	Low-Low Alarm	I	Low Alarm
M	Maintenance	m	Marked Maint by edit	O	Overrange	o	Other
P	Power Failure	p	Precision Check	Q	Quality Assured	R	Rate of Change Exceeded
V	Dig Info#1	W	Dig Info#2	X	Dig Info#3	Y	Dig Info#4
Z	Dig Info#5	z	Zero Adjusted	F	Boiler Offline	j	Low Rate of Change Exceeded