

City of Dallas

Community Air Management Program

Quarterly Data Summary

November 2024 through January 2025

For Questions or Comments:
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Executive Summary

Of the 24 AQMesh pods currently owned by the City of Dallas, 22 are in operation providing valid pollution data.

The pods at these locations are not currently in service:

- Westhaven Park
- Holcomb Park

The following pods are missing data or offline for maintenance:

- Joppy Momma's: Offline in December and January for maintenance.
- Willis Winters Park: Stolen after December 11th.
- Mill Creek Batch Plant: Offline in December and January for maintenance.
- Dallas Zoo: Offline in December for maintenance.

The pods listed below reported elevated data readings during the period of November 2024 to January 2025:

Polk Recreation Center: 1 elevated NO₂ hourly average, 1 elevated PM_{2.5} 24-hour average

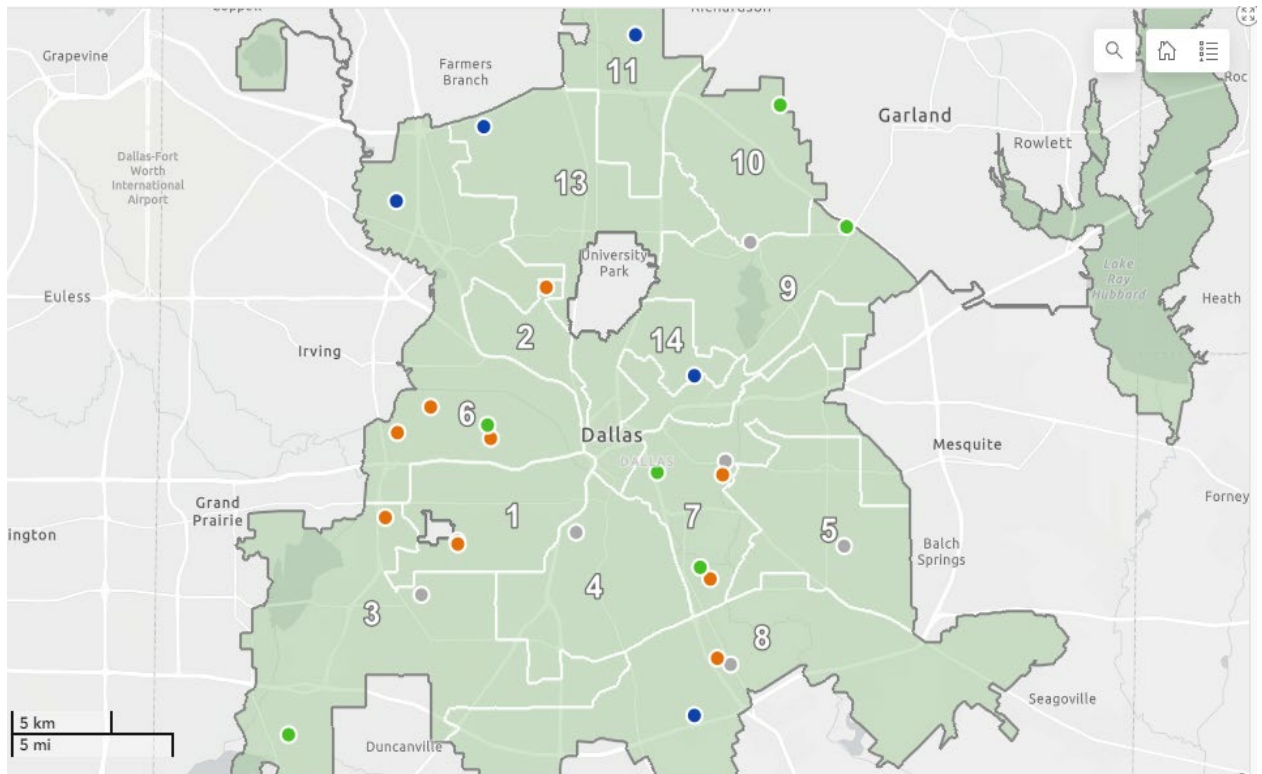
Willis Winters Park: 1 elevated PM_{2.5} hourly average

Additional data not listed above are considered within National Air Quality Standard tolerances. Refer to the Summary section of this report.

Sensor Data Information

Disclaimer:

- When using data from D-CAMP, please note the following:
- The data presented on this website are not validated or verified
- The data does not come from regulatory monitors. This data cannot be used to infer violations of the National Ambient Air Quality Standards (NAAQS) or other regulatory violations
- This data should be used with discretion
- Data from regulatory monitors is available here:
<https://www.tceq.texas.gov/airquality/monops>



Technical Information

Sensors Used in the Network

This report summarizes air quality data collected from 22 out of 24 AQMesh sensors operating in the network during this data summary period. These units use an optical light scattering sensor to measure particulates. They use electrochemical sensors to measure other pollutants. All AQMesh units measure particulate (PM), ozone (O₃), and nitrogen dioxide NO₂.

The AQMesh units also have sensors for ambient temperature, humidity, and barometric pressure. Extreme conditions of these factors can impact the accuracy of the sensors for all the measured pollutants. When the unit detects extreme conditions, it will cease to report one, or more, affected pollutants. Once it detects that the environmental conditions have returned to normal, reporting will resume.

Sensor Accuracy

A primary goal of D-CAMP is to provide the most accurate data possible with the available technology. To meet this goal, all the sensors used in the network undergo a period of co-location before they are placed in the field.

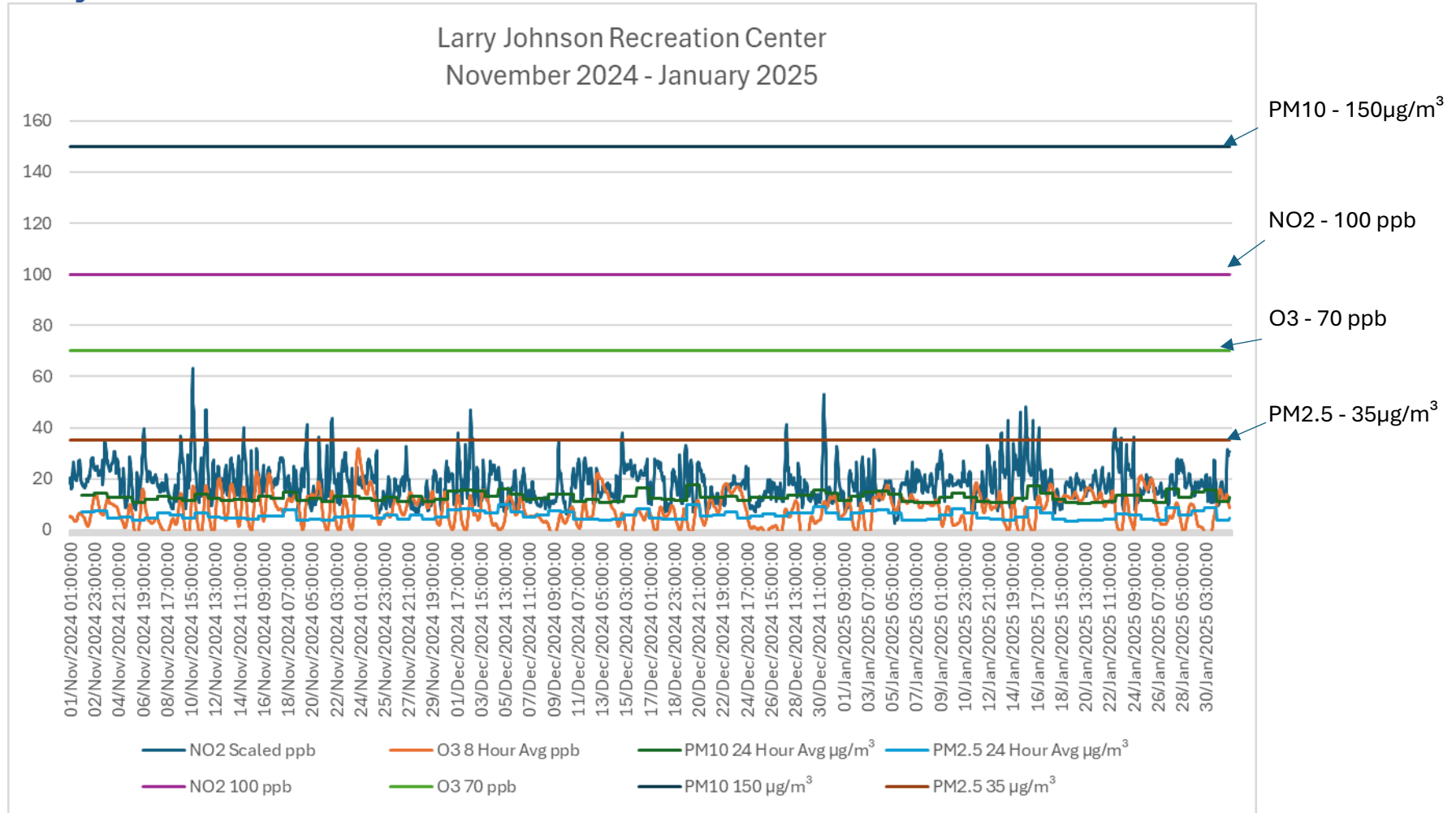
Co-location refers to the process of operating a regulatory grade reference monitor (FRM/FEM) and non-reference monitor (air sensor) at the same time and location under real-world conditions for a defined evaluation period. Collocating air sensors with regulatory monitors can help evaluate the accuracy of the sensors by comparison of the two data sets.

At the end of the co-location period, the data is compared, and correction factors are calculated for each pollutant and each sensor.

These correction factors have been applied to the data in this report.

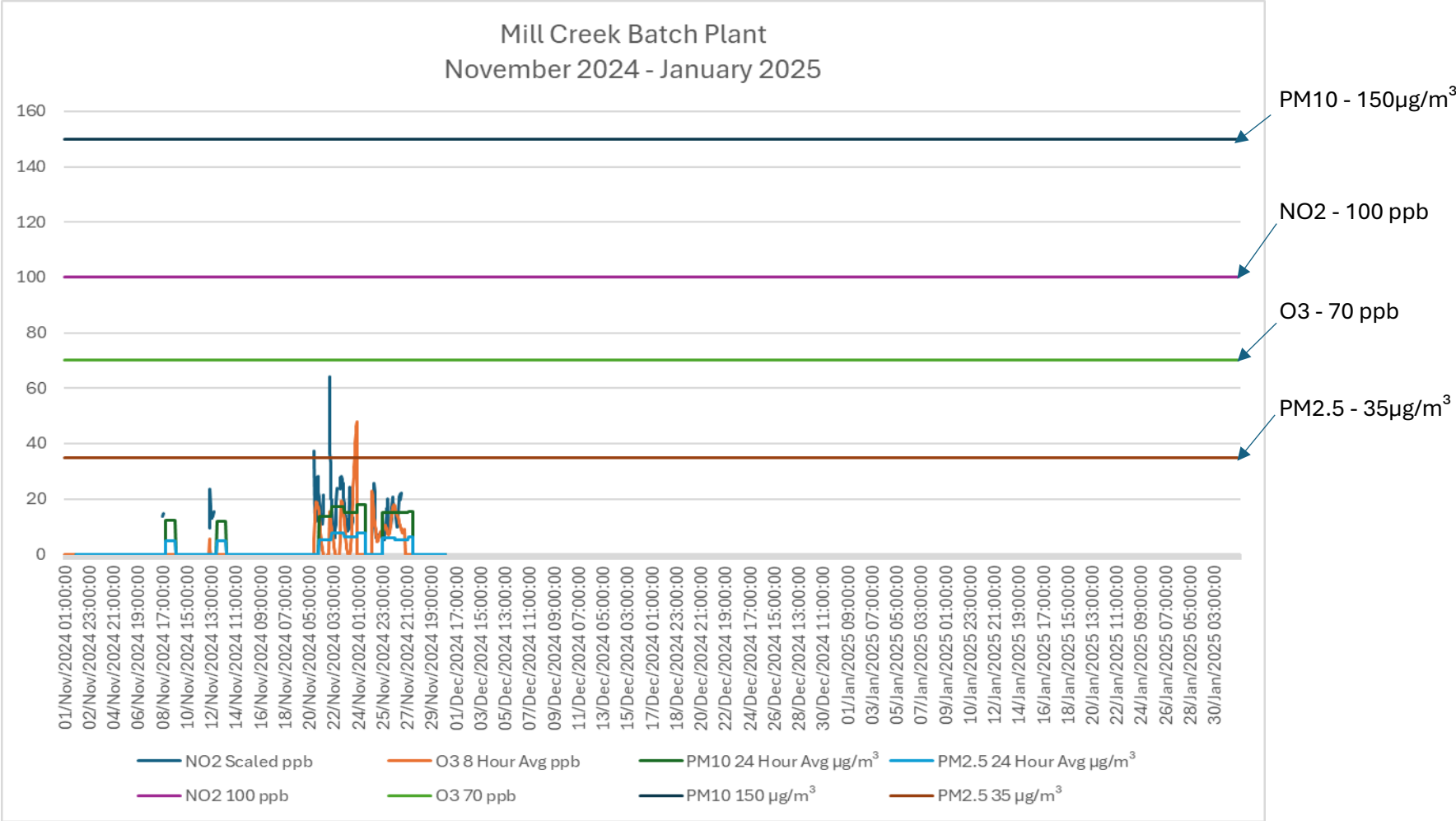
This co-location process provides a more accurate view of the air quality than some networks, such as the Purple Air network, that do not use this procedure.

Larry Johnson Recreation Center



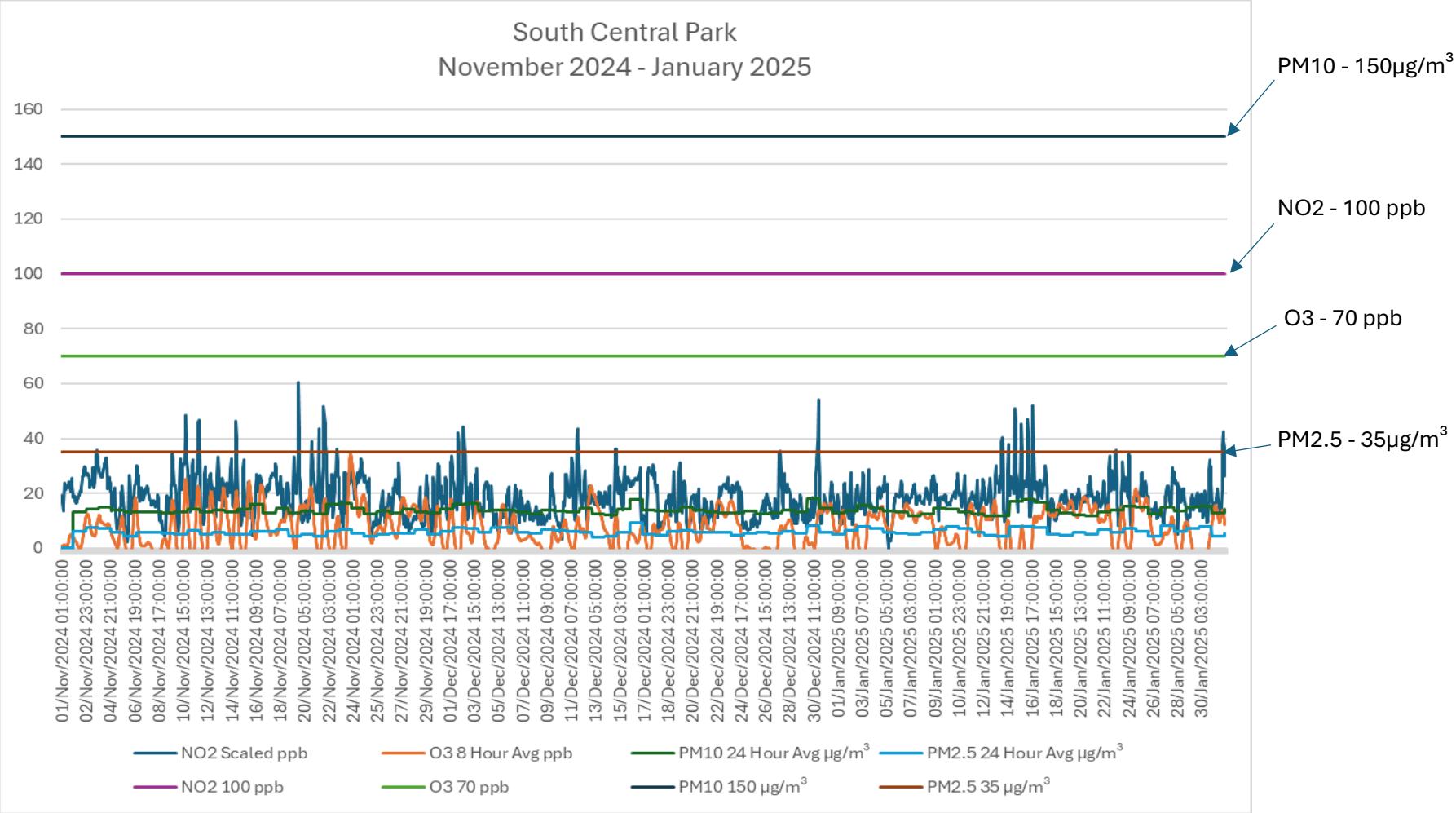
Larry Johnson Rec Center	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Average Concentration	18.22	7.74	12.85	5.73
Maximum Concentration	63.25	31.99	17.76	10.05

Mill Creek Batch Plant



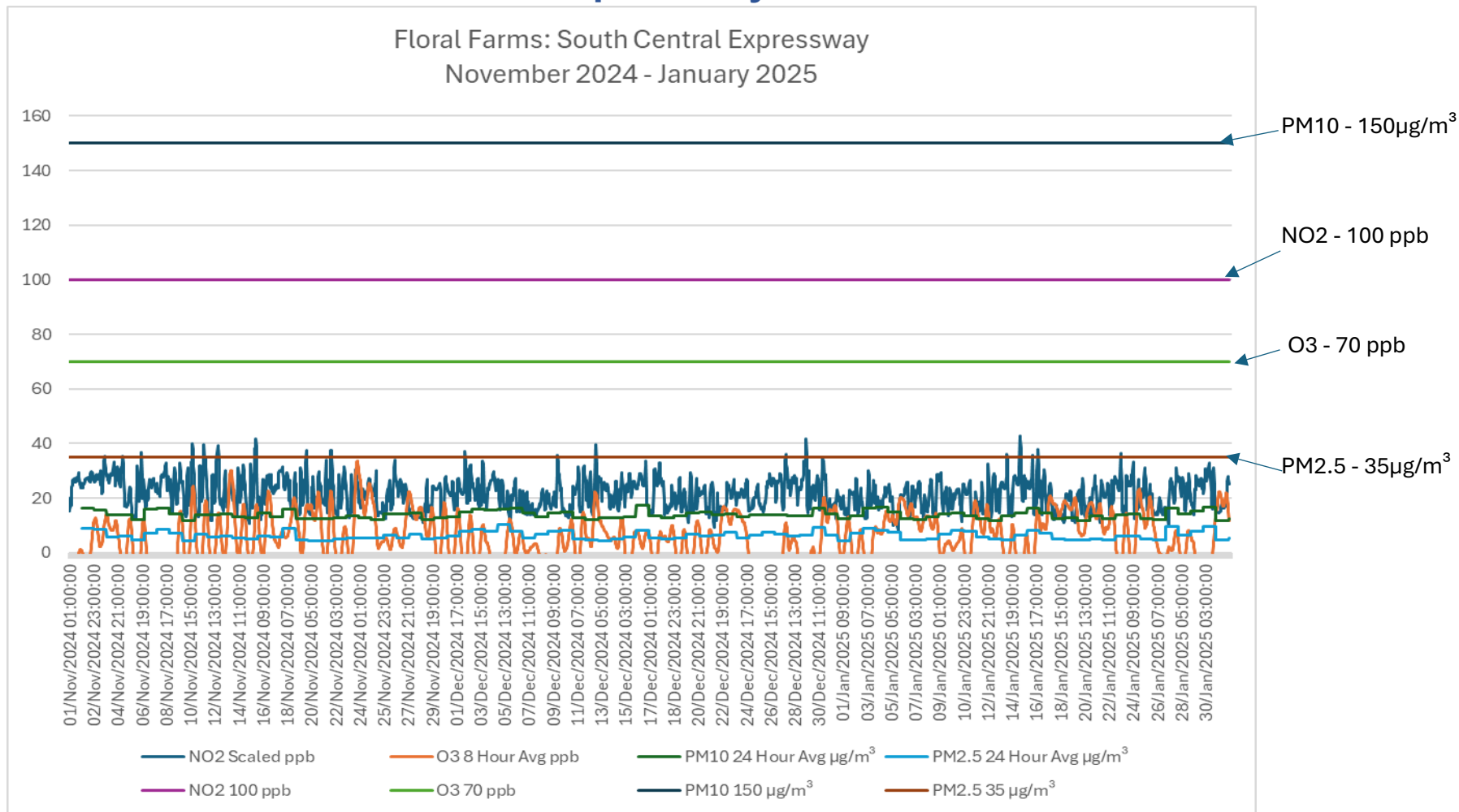
Mill Creek Batch Plant	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Average Concentration	15.77	8.62	14.82	5.91
Maximum Concentration	64.18	47.77	17.85	7.66

South Central Park



South Central Park	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Average Concentration	18.53	7.05	13.88	6.01
Maximum Concentration	60.50	34.35	18.19	9.14

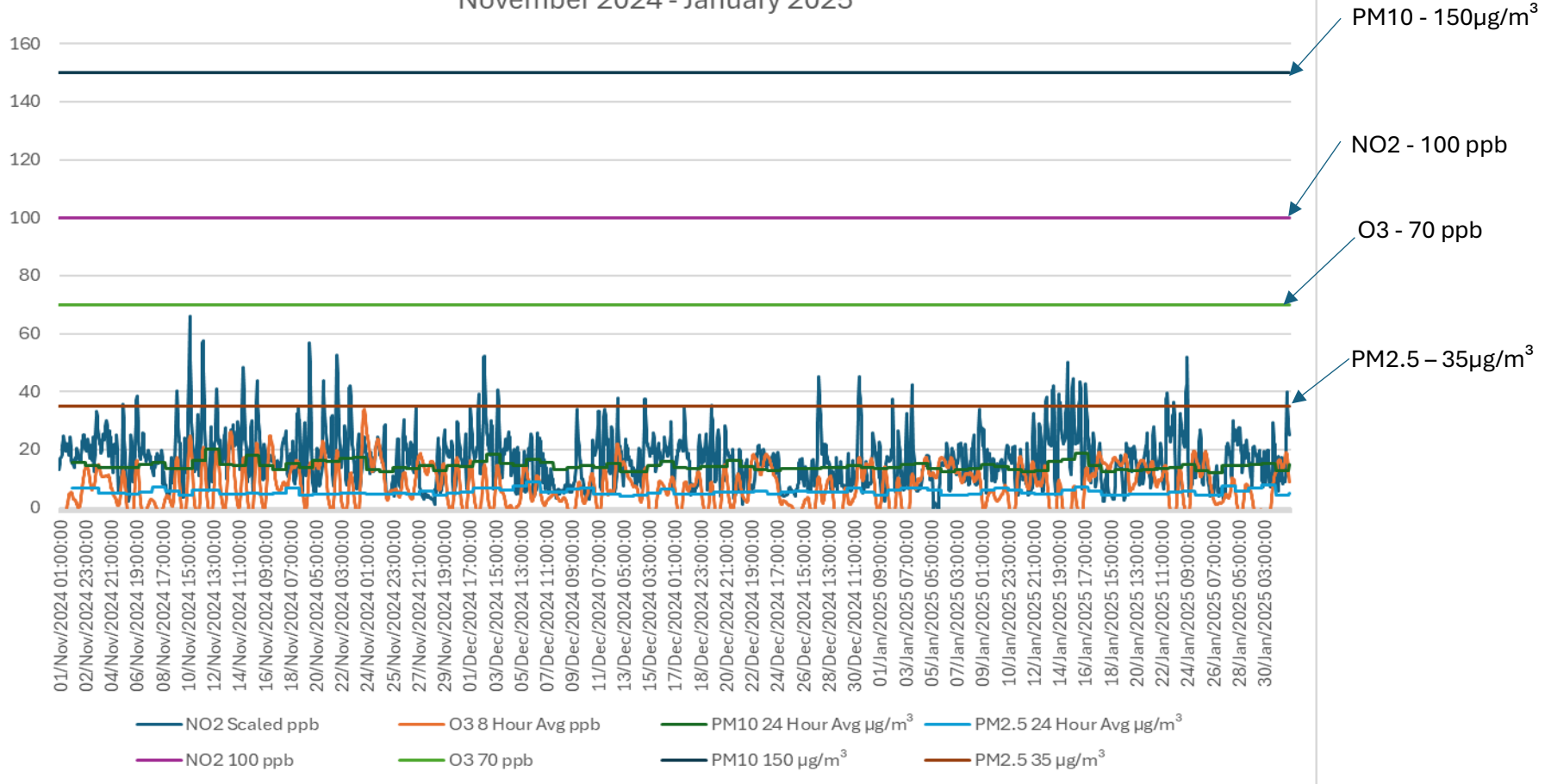
Floral Farms: South Central Expressway



Floral Farms: S. Central Expressway	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Average Concentration	21.44	5.65	13.89	6.31
Maximum Concentration	42.75	33.59	17.50	10.37

Floral Farms: Simpson Stuart Rd

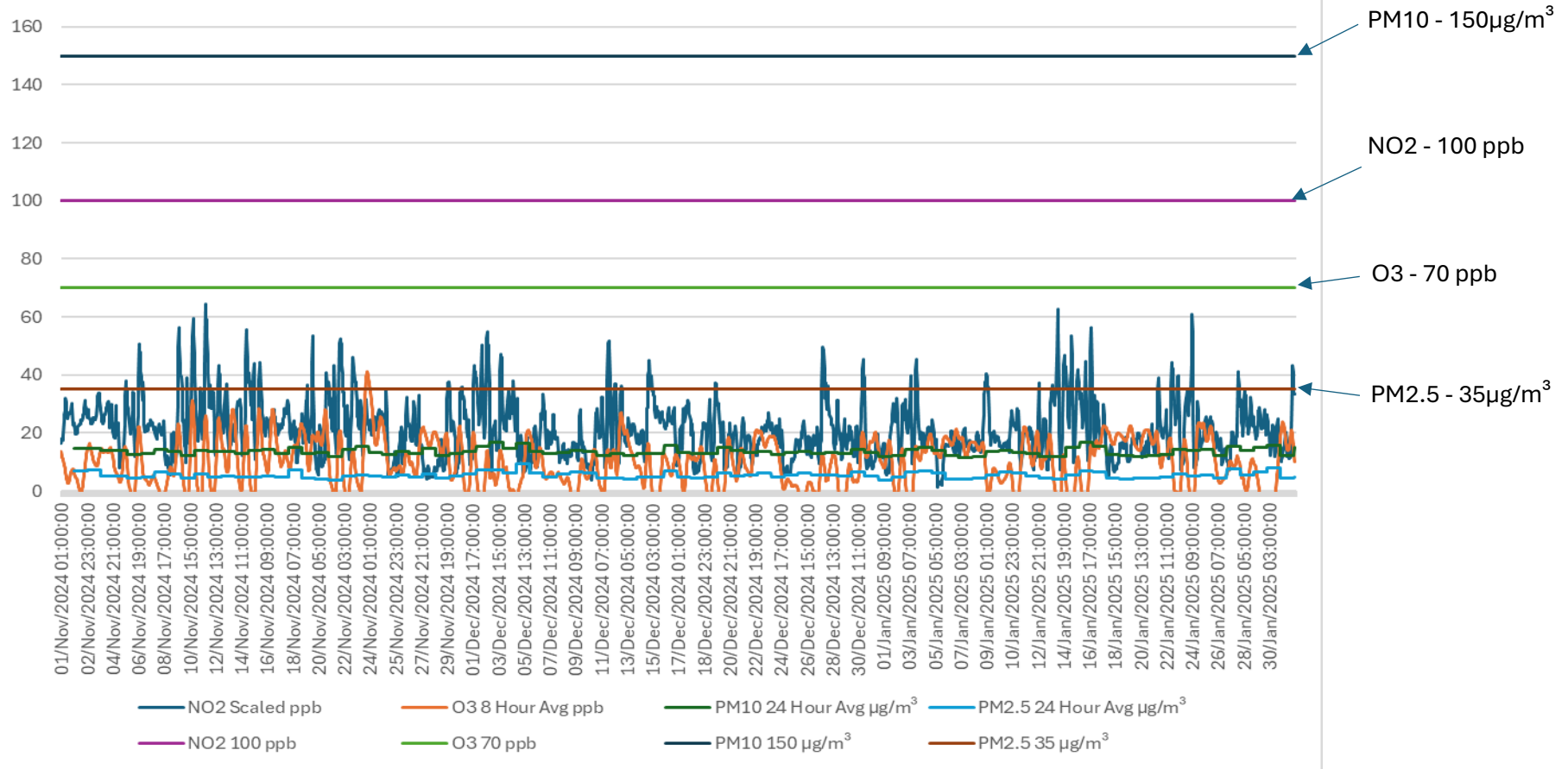
Floral Farms: Simpson Stuart Rd
November 2024 - January 2025



Floral Farms: Simpson Stuart Rd	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Average Concentration	16.43	7.10	14.37	5.41
Maximum Concentration	66.20	34.06	20.00	8.88

West Dallas Multipurpose Center

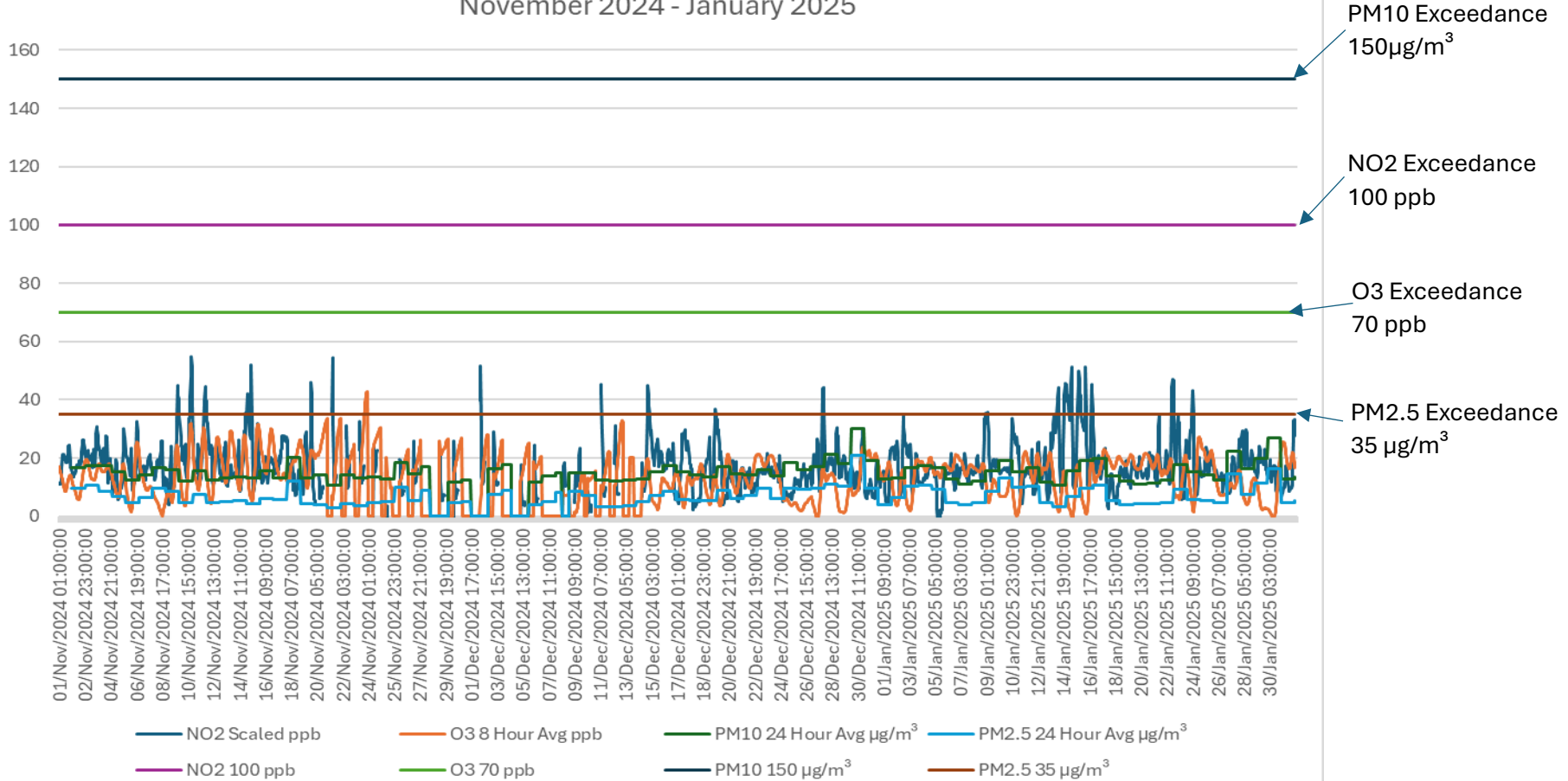
West Dallas Multipurpose Center
November 2024 - January 2025



West Dallas Multipurpose Center	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Average Concentration	21.25	9.74	13.56	5.42
Maximum Concentration	64.48	40.97	16.88	9.54

Flagpole Hill Park

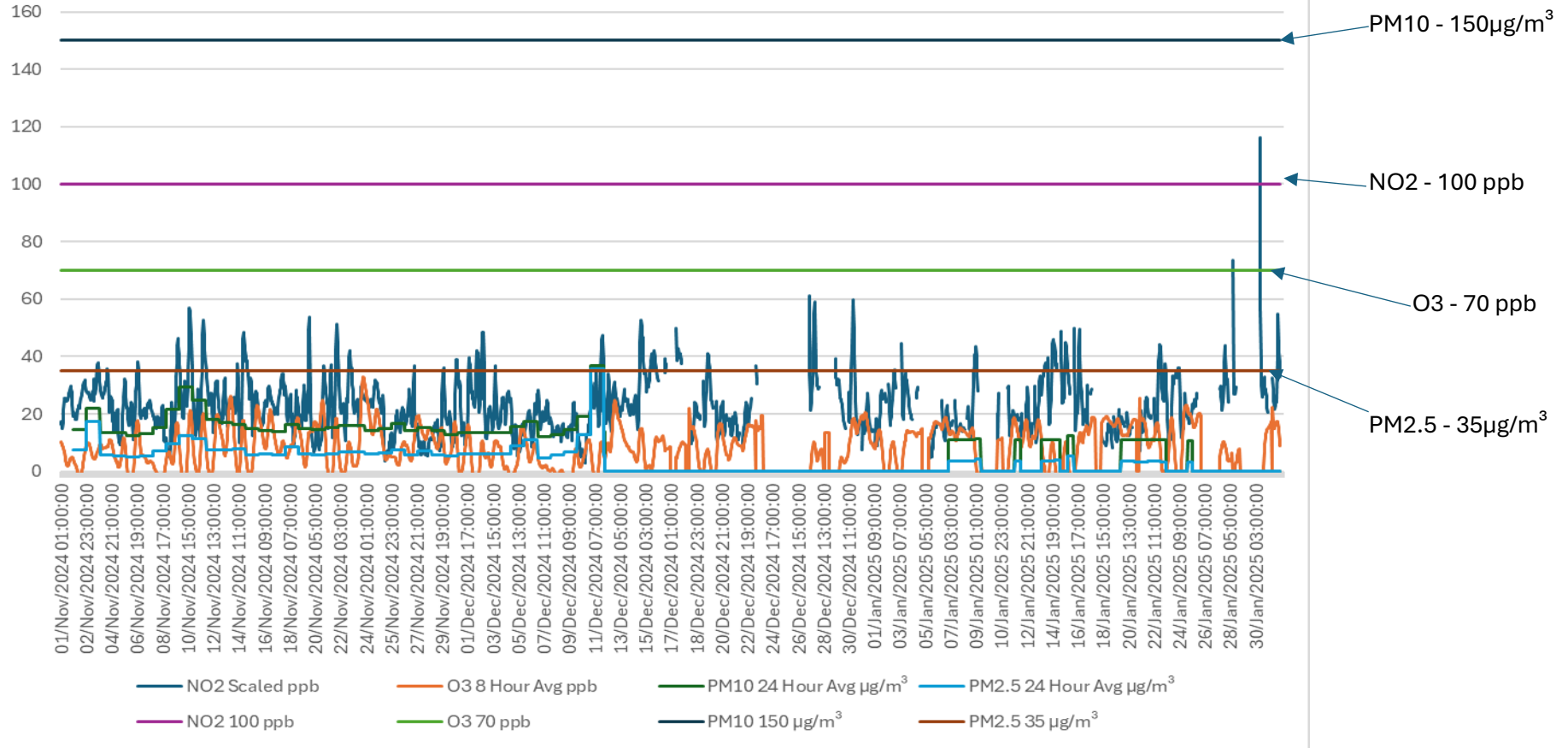
Flagpole Hill Park
November 2024 - January 2025



Flagpole Hill Park	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	PM ₁₀ 24-Hour Average ($\mu\text{g}/\text{m}^3$)	PM _{2.5} 24-Hour Average ($\mu\text{g}/\text{m}^3$)
Average Concentration	17.19	14.24	15.24	7.13
Maximum Concentration	54.75	42.72	30.11	20.88

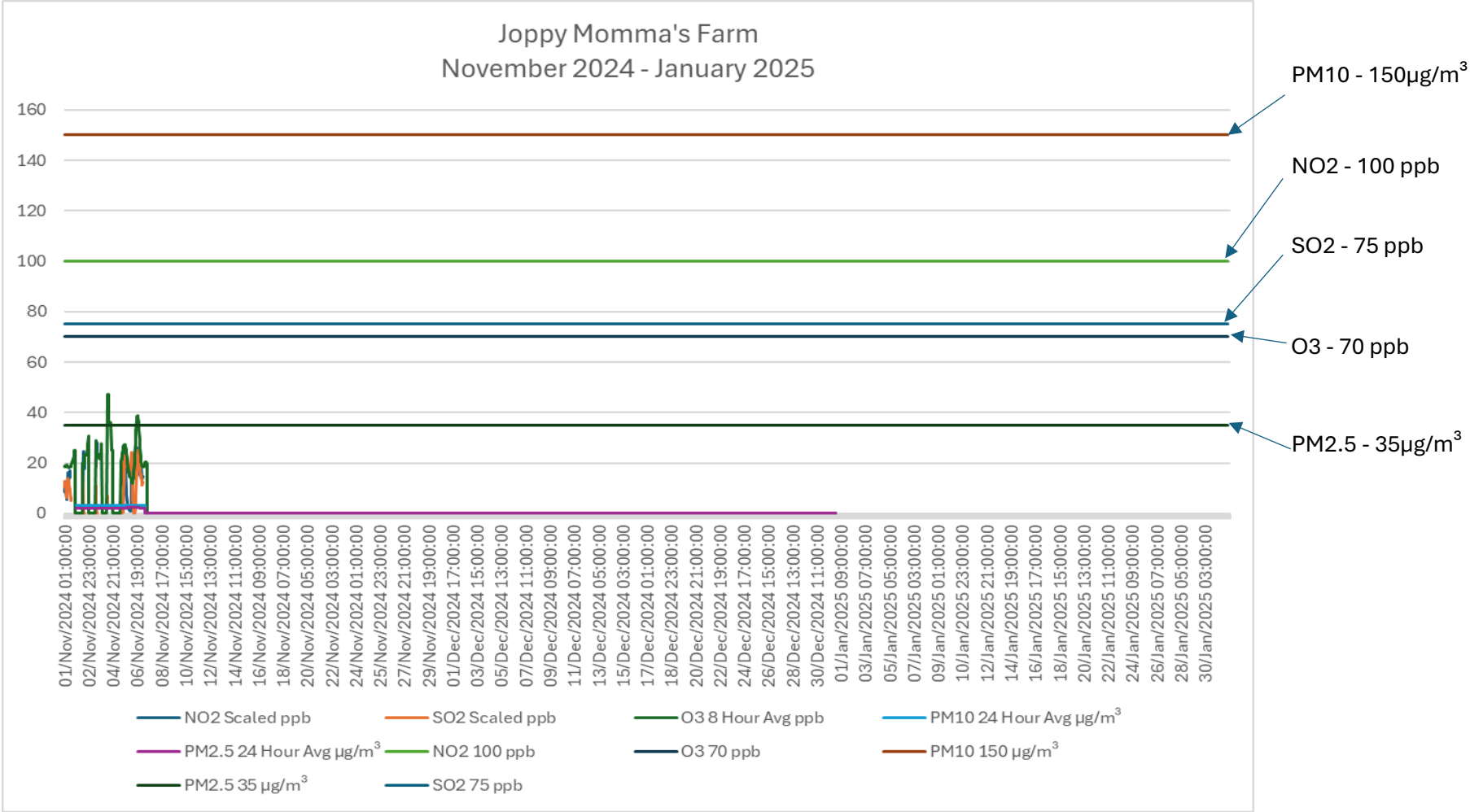
Polk Recreation Center

Polk Recreation Center
November 2024 - January 2025



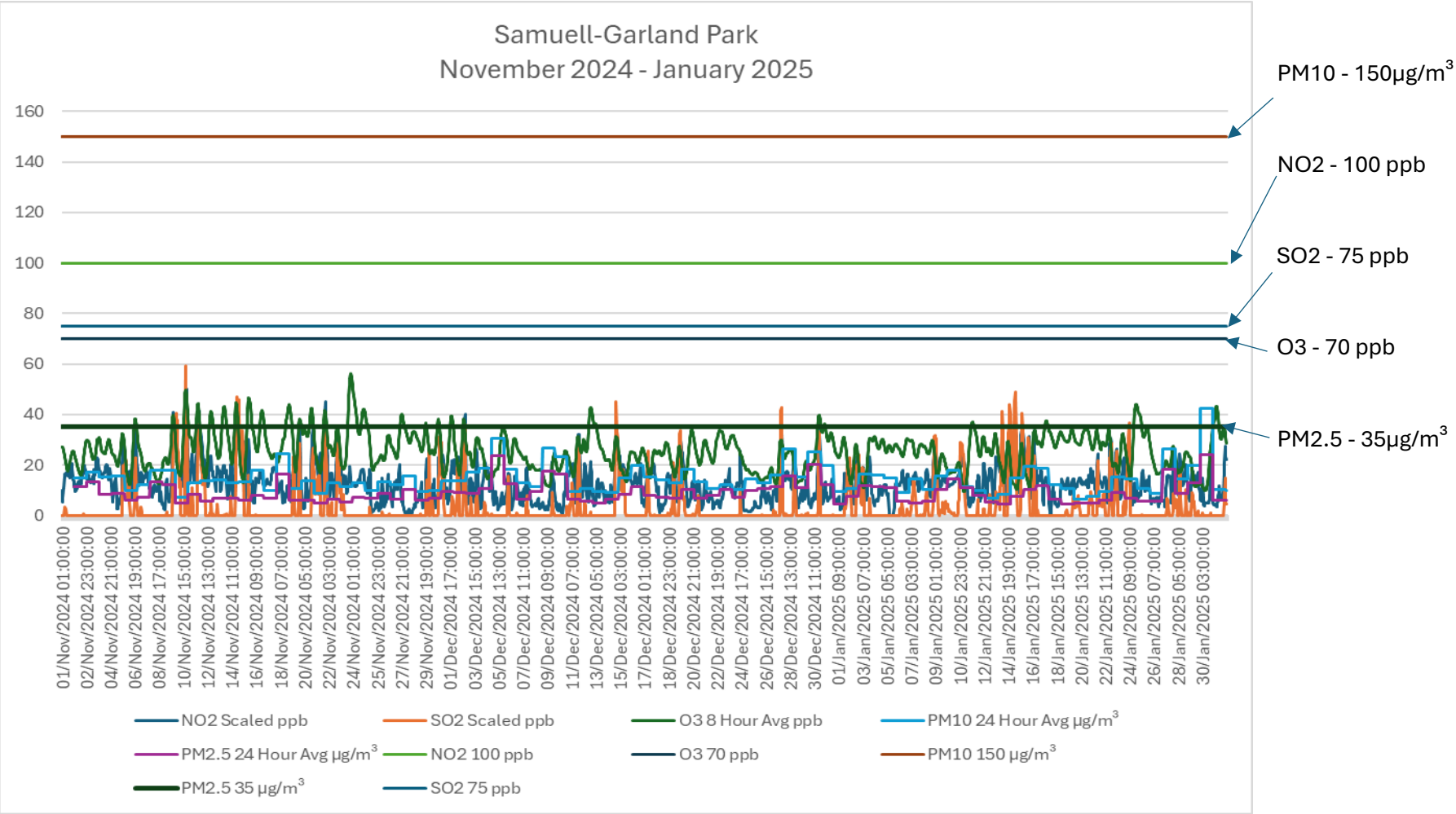
Polk Recreation Center	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Average Concentration	22.84	8.69	15.40	7.29
Maximum Concentration	116.26	33.07	36.79	35.83

Joppy Momma's Farm



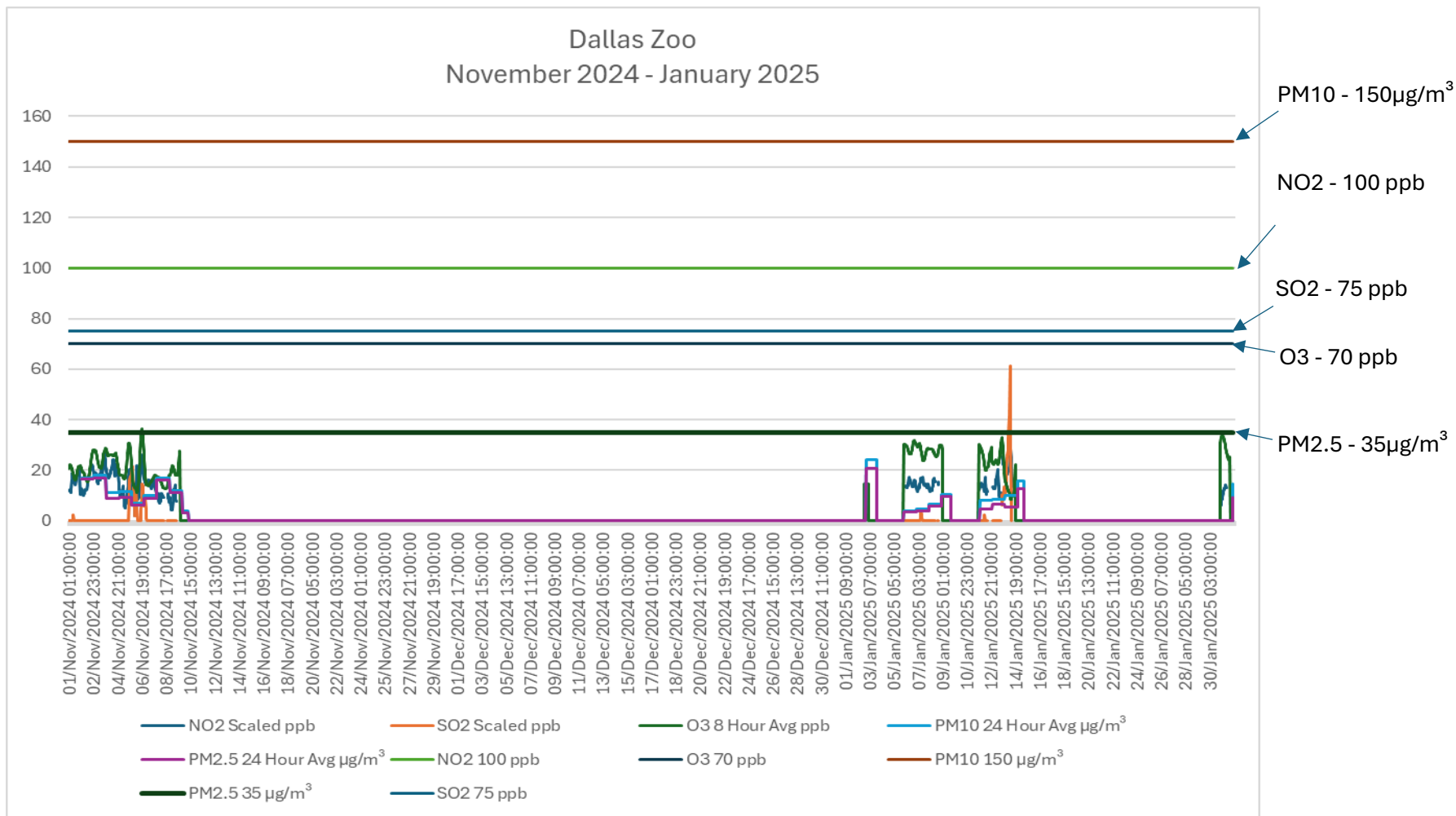
Joppy Momma's Farm	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	SO ₂ Hourly Average (ppb)	PM ₁₀ 24-Hour Average ($\mu\text{g}/\text{m}^3$)	PM _{2.5} 24-Hour Average ($\mu\text{g}/\text{m}^3$)
Average Concentration	15.29	23.69	11.13	3.15	2.19
Maximum Concentration	28.83	47.29	25.17	3.21	2.27

Samuell-Garland Park



Samuell-Garland Park	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	SO ₂ Hourly Average (ppb)	PM ₁₀ 24-Hour Average ($\mu\text{g}/\text{m}^3$)	PM _{2.5} 24-Hour Average ($\mu\text{g}/\text{m}^3$)
Average Concentration	12.93	25.58	3.47	14.54	9.12
Maximum Concentration	49.96	56.35	59.13	42.64	24.05

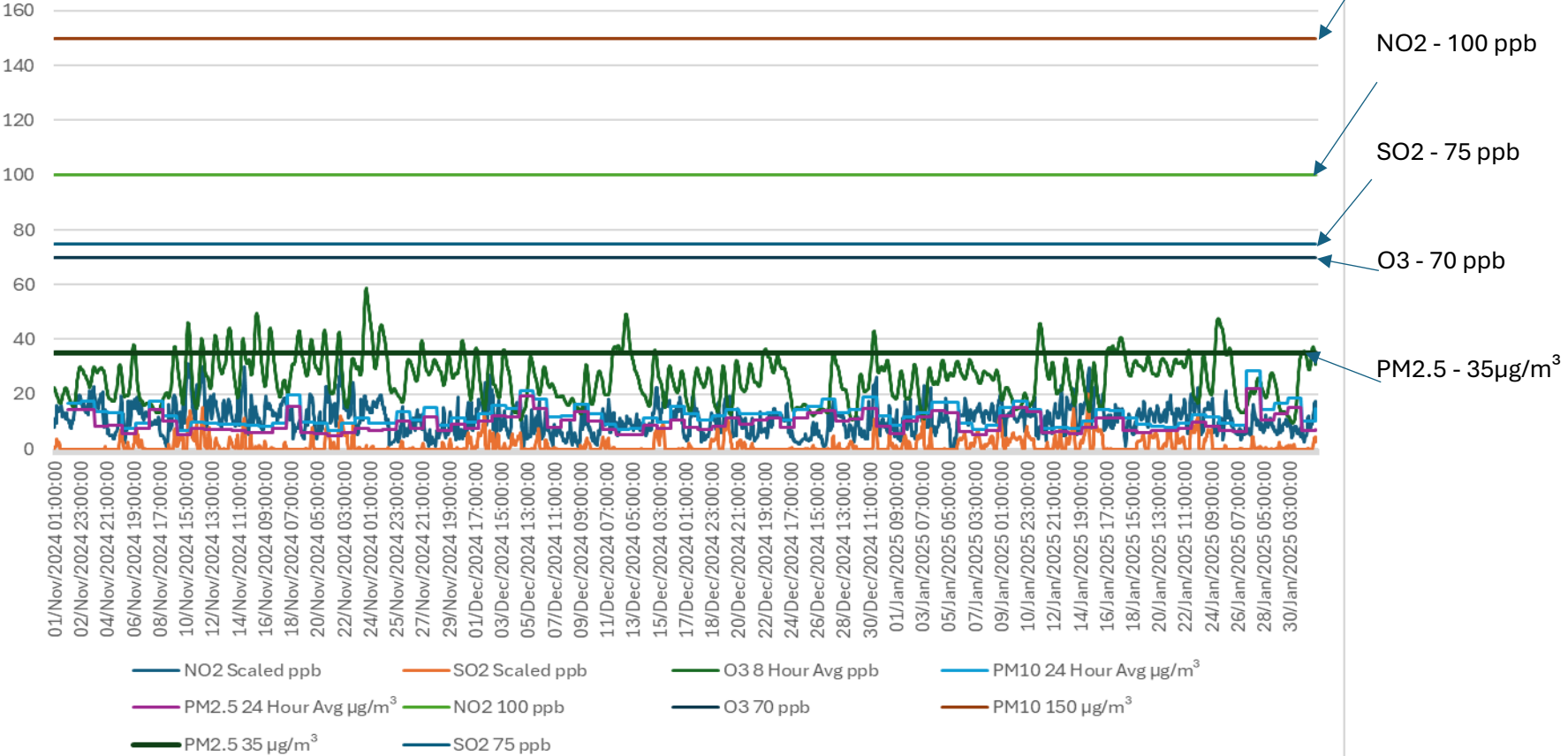
Dallas Zoo



Dallas Zoo	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	SO ₂ Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Average Concentration	14.71	22.49	2.03	11.05	9.38
Maximum Concentration	27.85	36.37	61.24	24.17	20.73

Mountain Creek Library

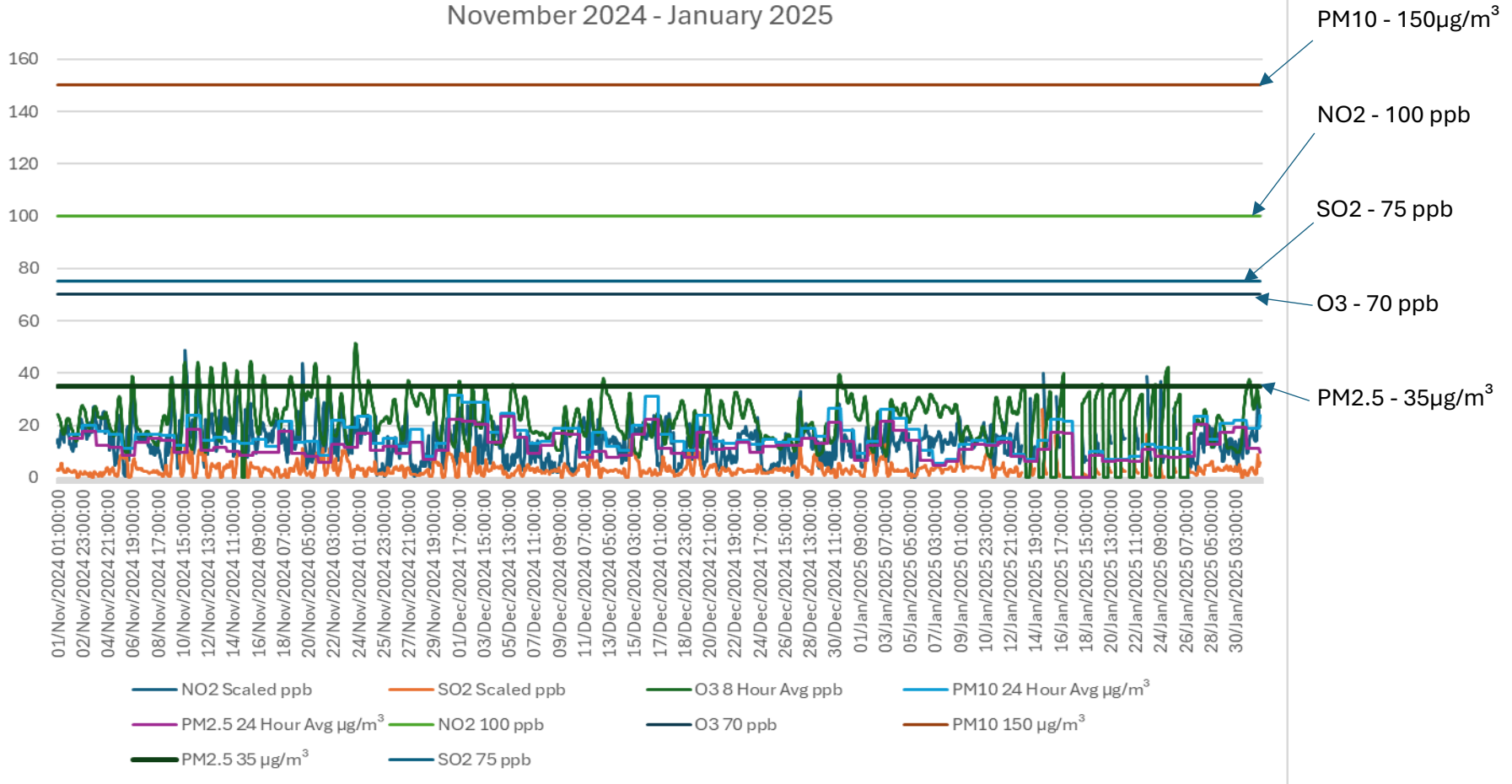
Mountain Creek Library
November 2024 - January 2025



Mountain Creek Library	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	SO ₂ Hourly Average (ppb)	PM ₁₀ 24-Hour Average ($\mu\text{g}/\text{m}^3$)	PM _{2.5} 24-Hour Average ($\mu\text{g}/\text{m}^3$)
Average Concentration	10.84	25.94	1.39	12.20	9.37
Maximum Concentration	32.71	58.62	20.17	28.44	22.01

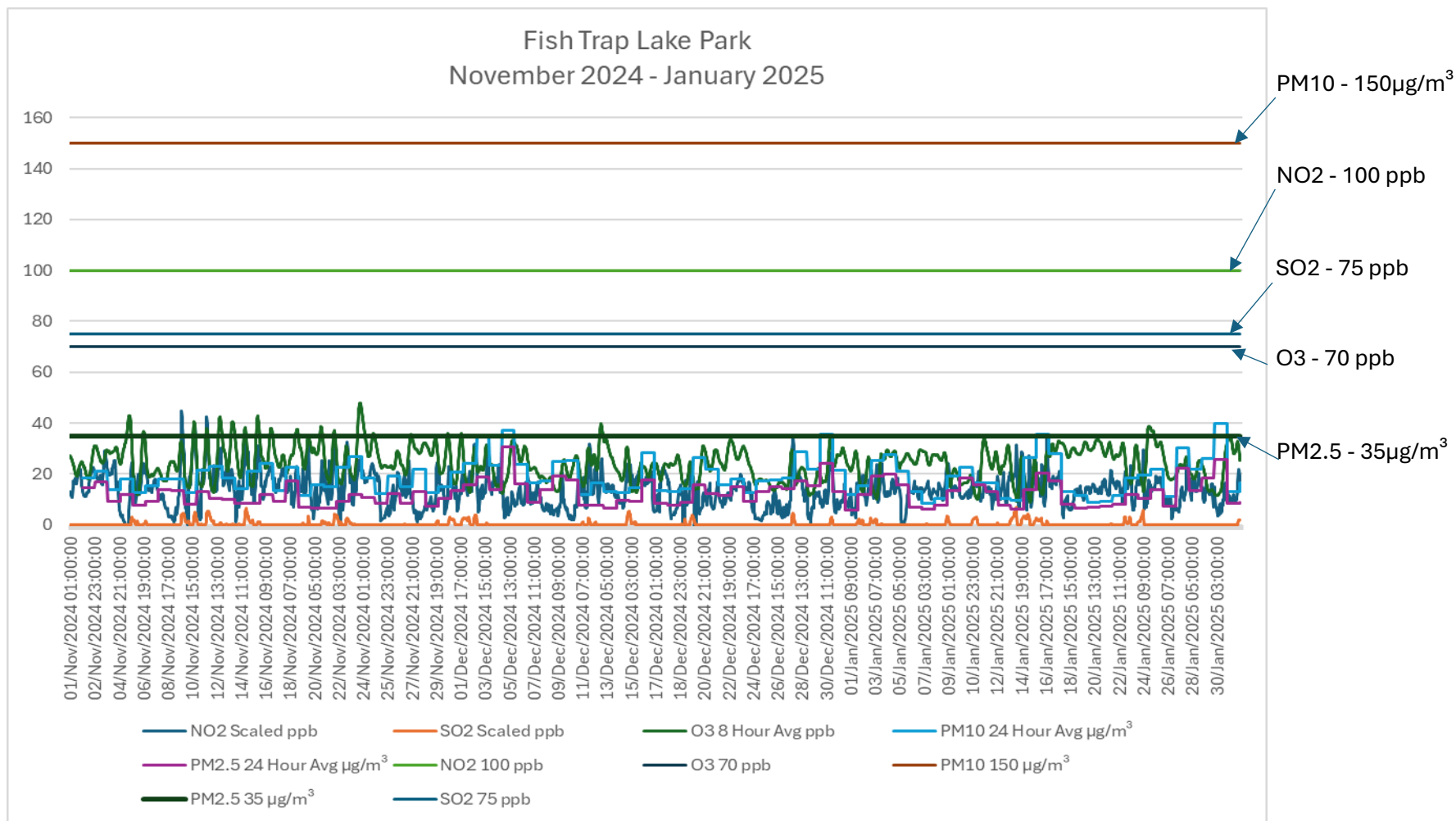
Myers Prosperity Park

Myers Prosperity Park
November 2024 - January 2025



Myers Prosperity Park	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	SO ₂ Hourly Average (ppb)	PM ₁₀ 24-Hour Average ($\mu\text{g}/\text{m}^3$)	PM _{2.5} 24-Hour Average ($\mu\text{g}/\text{m}^3$)
Average Concentration	13.83	22.99	3.49	15.87	12.44
Maximum Concentration	48.57	51.54	26.30	31.47	23.33

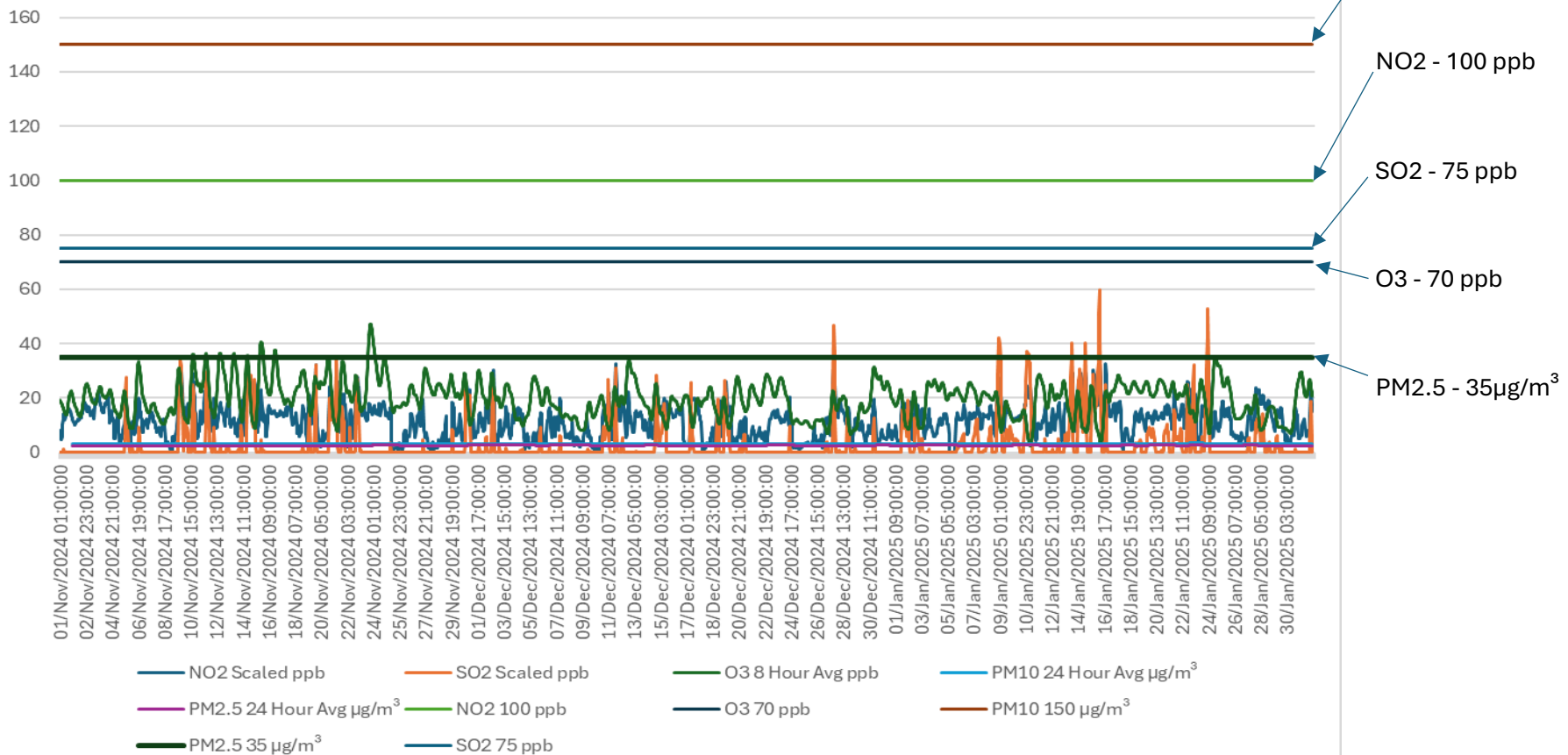
Fish Trap Lake Park



Fish Trap Lake Park	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	SO ₂ Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Average Concentration	13.71	24.17	0.33	18.97	12.29
Maximum Concentration	44.66	47.73	6.90	39.75	30.58

Friendship Park

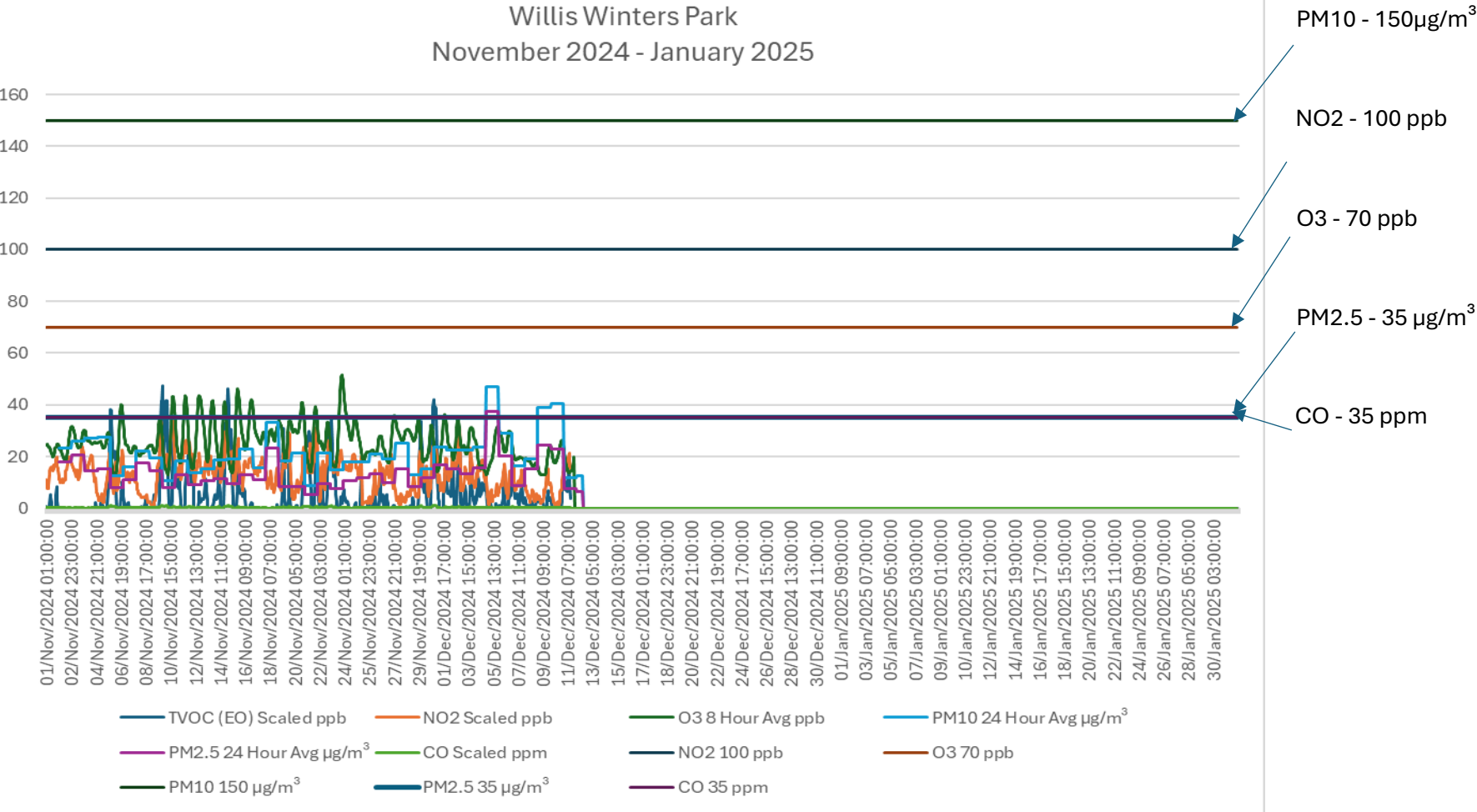
Friendship Park
November 2024 - January 2025



Friendship Park	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	SO ₂ Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Average Concentration	11.74	19.53	2.89	3.11	2.52
Maximum Concentration	36.80	47.23	59.85	3.32	2.72

Willis Winters Park

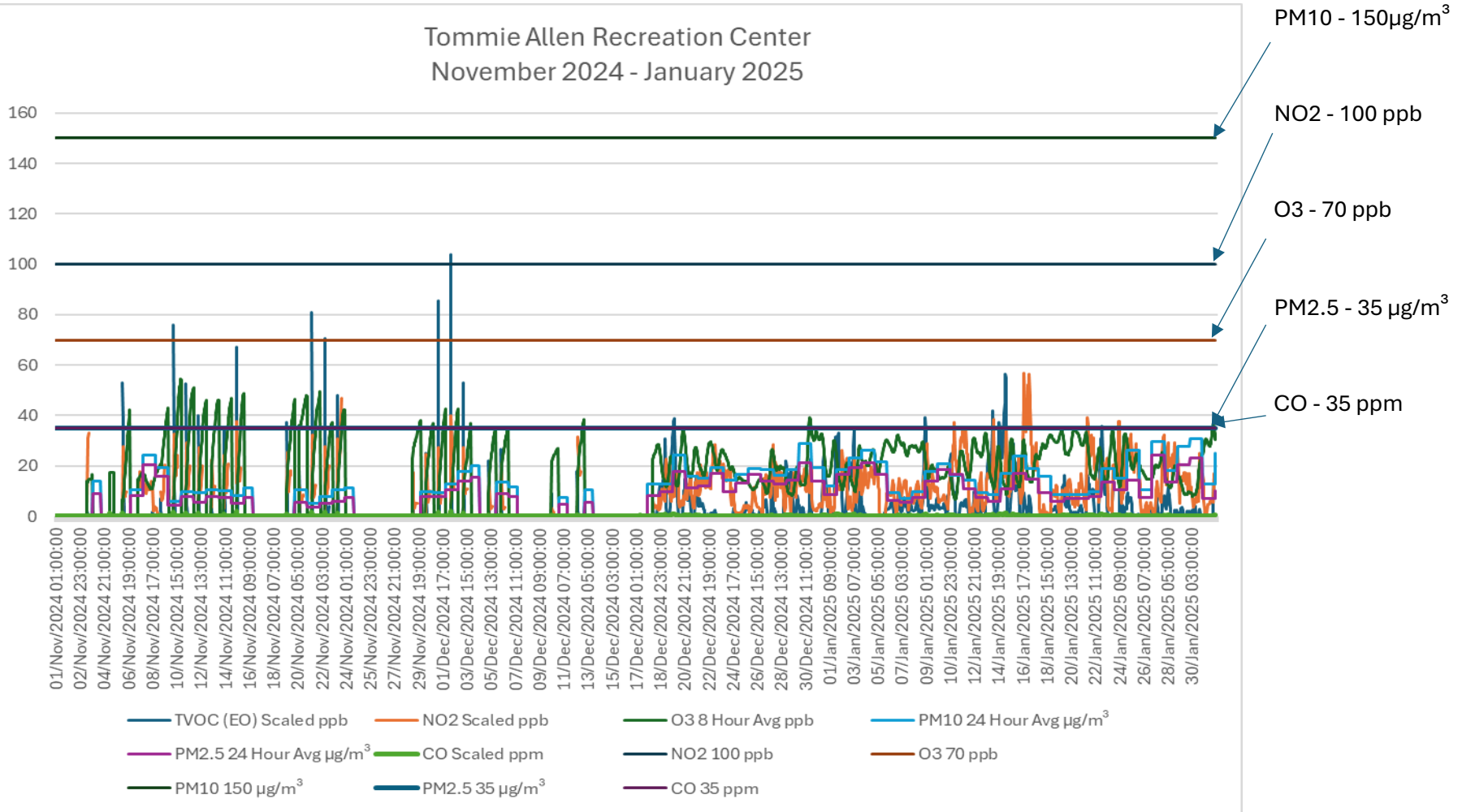
Willis Winters Park
November 2024 - January 2025



Willis Winters Park	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	CO Hourly Average (ppm)	TVOC Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Average Concentration	12.87	25.40	0.28	5.27	21.31	13.69
Maximum Concentration	34.13	51.42	1.14	47.34	46.89	37.32

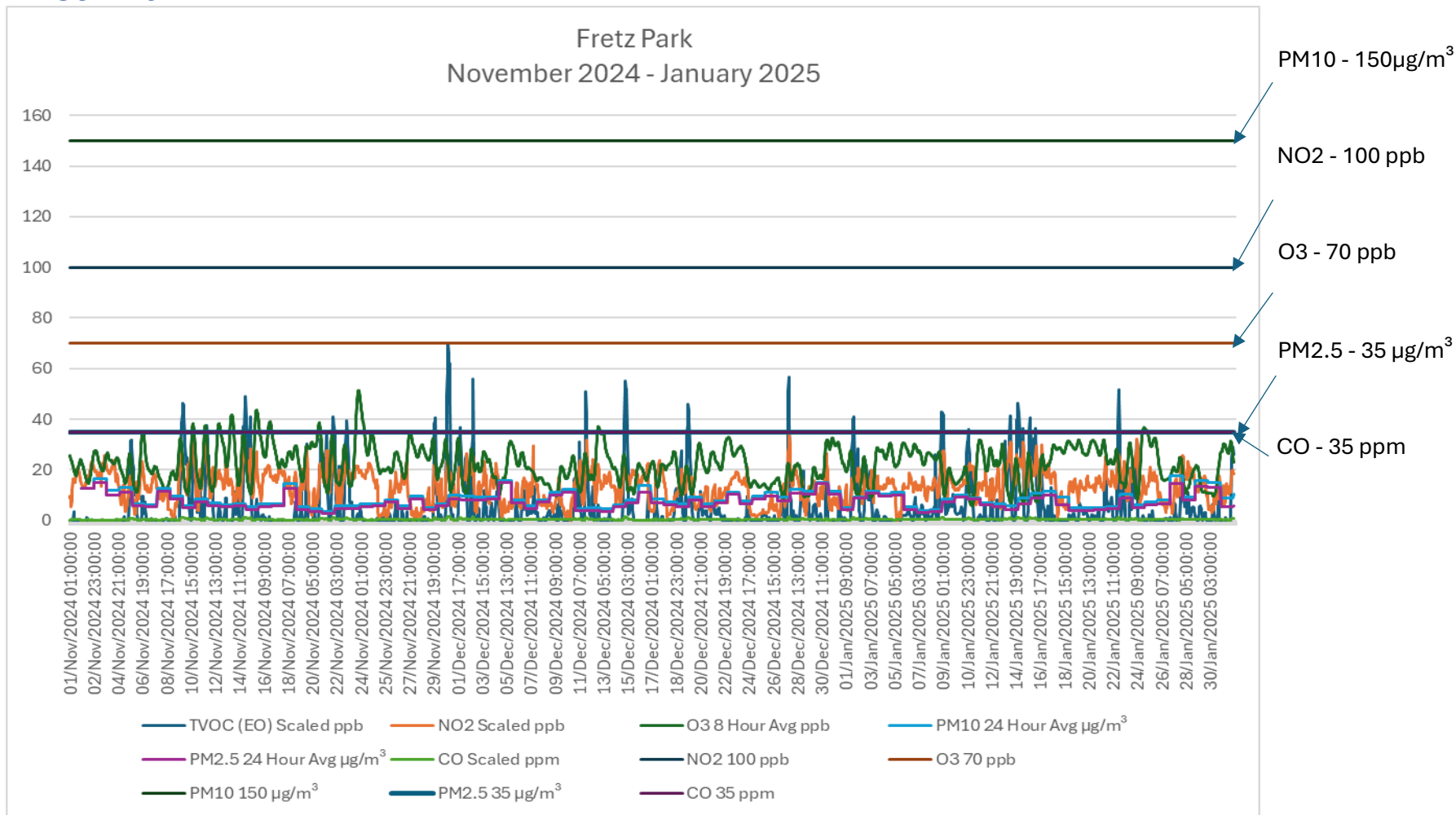
Tommie Allen Recreation Center

Tommie Allen Recreation Center
November 2024 - January 2025



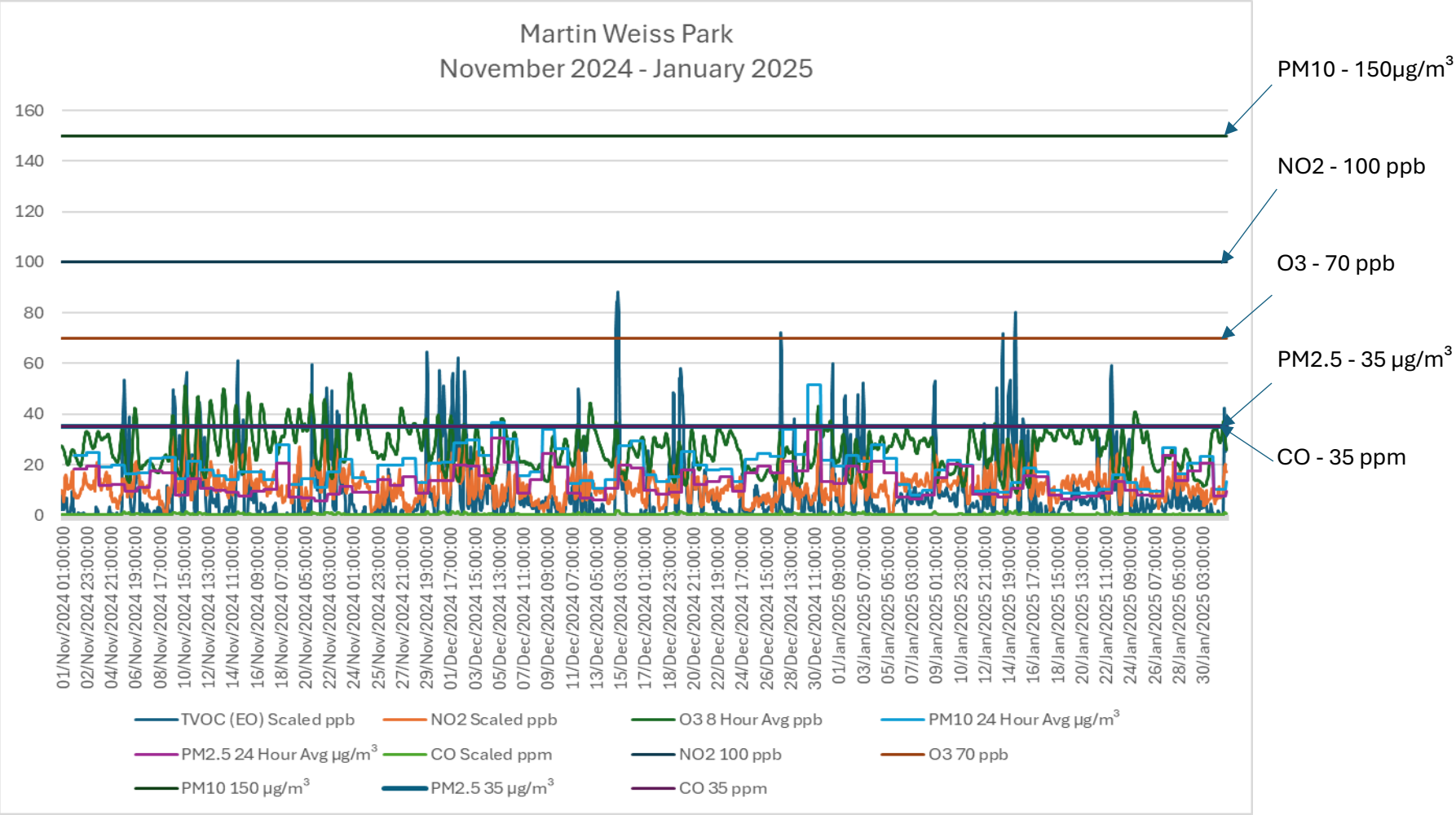
Tommie Allen Recreation Center	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	CO Hourly Average (ppm)	TVOC Hourly Average (ppb)	PM ₁₀ 24-Hour Average ($\mu\text{g}/\text{m}^3$)	PM _{2.5} 24-Hour Average ($\mu\text{g}/\text{m}^3$)
Average Concentration	12.42	22.82	0.32	5.50	15.23	11.40
Maximum Concentration	56.98	54.58	2.26	103.80	30.63	24.30

Fretz Park



Fretz Park	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	CO Hourly Average (ppm)	TVOC Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m³)	PM _{2.5} 24-Hour Average (µg/m³)
Average Concentration	13.48	21.96	0.35	5.29	8.56	7.38
Maximum Concentration	37.55	51.16	1.65	69.89	17.57	15.06

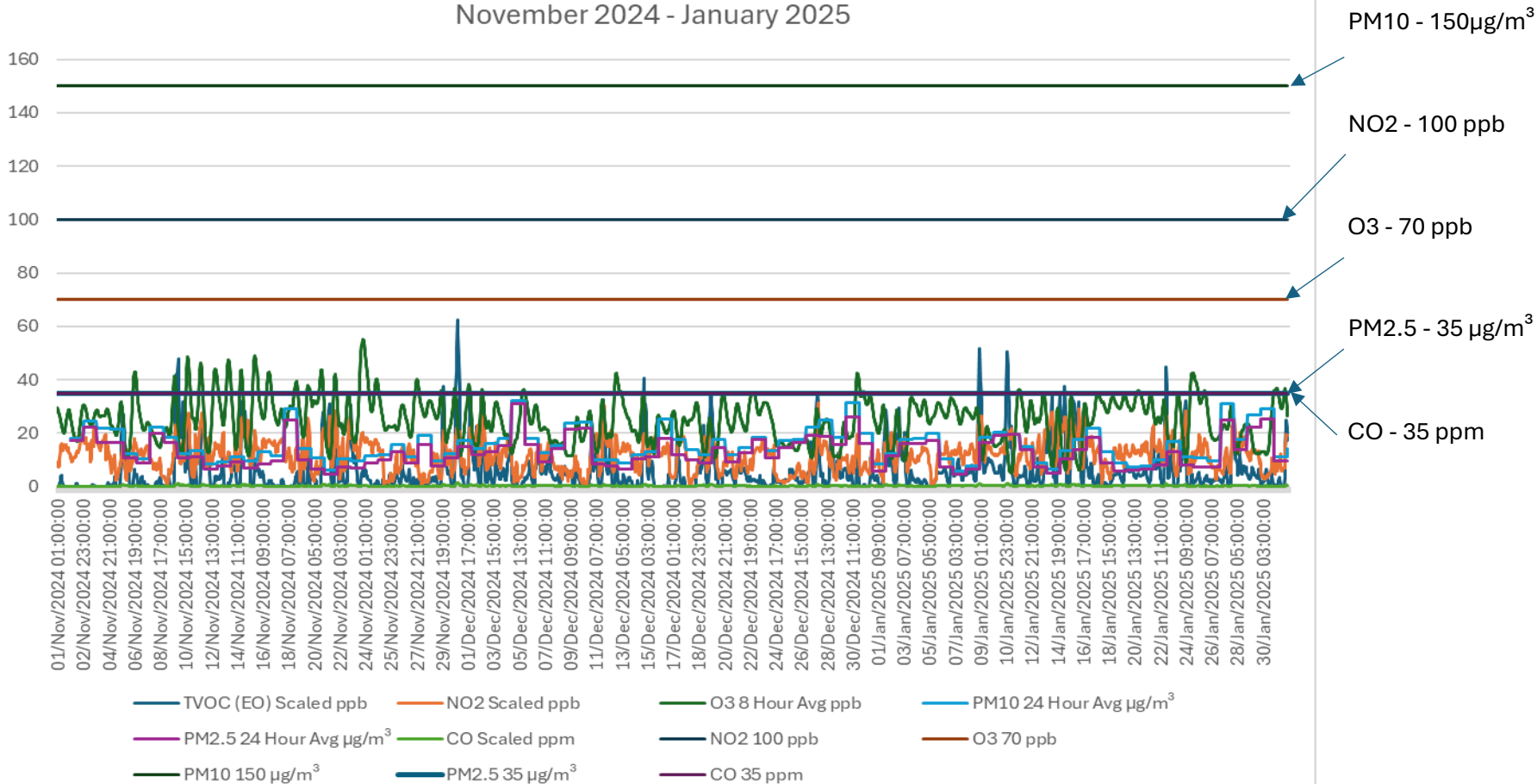
Martin Weiss Park



Martin Weiss Park	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	CO Hourly Average (ppm)	TVOC Hourly Average (ppb)	PM ₁₀ 24-Hour Average ($\mu\text{g}/\text{m}^3$)	PM _{2.5} 24-Hour Average ($\mu\text{g}/\text{m}^3$)
Average Concentration	11.61	26.05	0.39	8.41	18.77	13.34
Maximum Concentration	39.78	55.95	1.98	88.27	51.65	33.80

Campbell Green Park

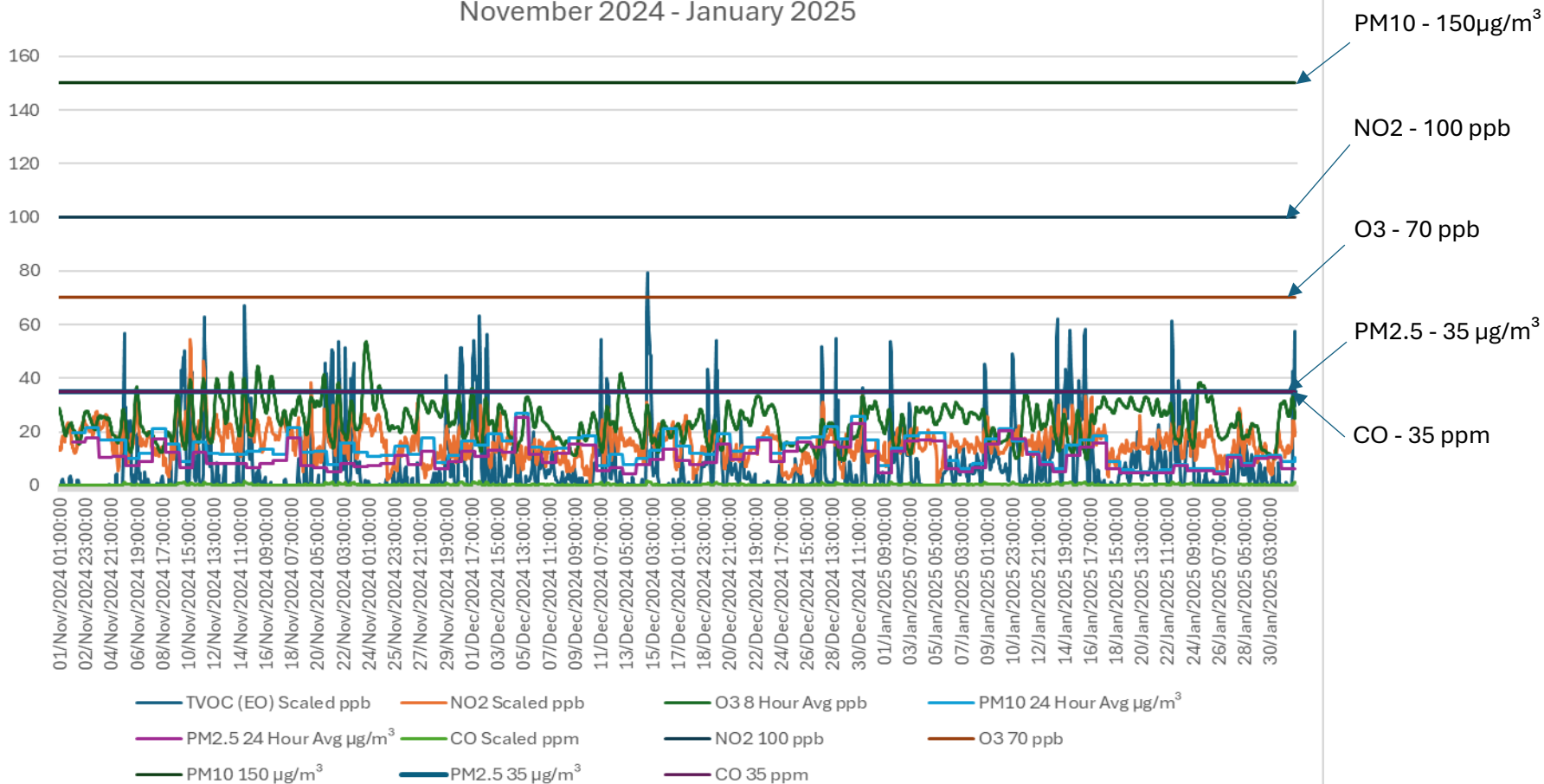
Campbell Green Park
November 2024 - January 2025



Campbell Green Park	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	CO Hourly Average (ppm)	TVOC Hourly Average (ppb)	PM ₁₀ 24-Hour Average ($\mu\text{g}/\text{m}^3$)	PM _{2.5} 24-Hour Average ($\mu\text{g}/\text{m}^3$)
Average Concentration	11.82	24.89	0.32	5.92	15.46	12.83
Maximum Concentration	31.32	55.33	1.44	62.64	32.21	31.09

Park Forest Library

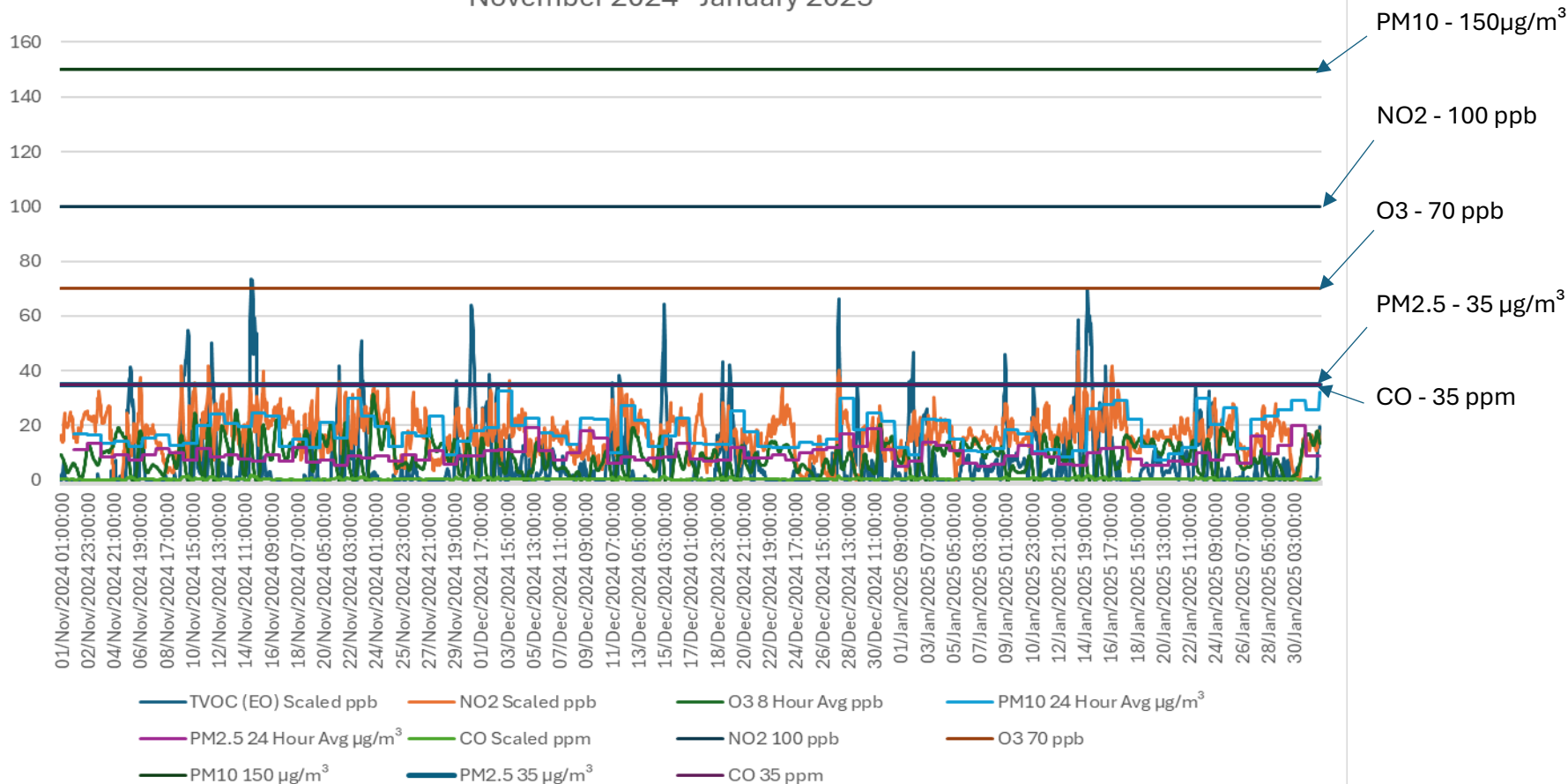
Park Forest Library
November 2024 - January 2025



Park Forest Library	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	CO Hourly Average (ppm)	TVOC Hourly Average (ppb)	PM ₁₀ 24-Hour Average ($\mu\text{g}/\text{m}^3$)	PM _{2.5} 24-Hour Average ($\mu\text{g}/\text{m}^3$)
Average Concentration	15.94	23.82	0.34	7.03	13.55	10.58
Maximum Concentration	54.29	53.68	1.79	79.36	26.82	25.25

Moneygram Park

Moneygram Park
November 2024 - January 2025



Moneygram Park	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	CO Hourly Average (ppm)	TVOC Hourly Average (ppb)	PM ₁₀ 24-Hour Average ($\mu\text{g}/\text{m}^3$)	PM _{2.5} 24-Hour Average ($\mu\text{g}/\text{m}^3$)
Average Concentration	16.64	7.99	0.40	6.42	17.82	9.51
Maximum Concentration	47.22	31.24	1.76	73.69	32.55	19.85

Summary

August – October 2024

Note: Numbers in Blue denote data spikes

Larry Johnson Recreation Center

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	100.0%	91.0%	100.0%	100.0%
Data Spikes	None	None	None	None
Outliers	None	None	None	None
Delinquescence	N/A	N/A	11 Hours	11 Hours
Invalid Data	None	198 Hours	None	None
Missing Data	None	None	6 Hours	6 Hours
Extreme Environment	None	None	None	None

Mill Creek Batch Plant

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	5.4%	7.5%	8.2%	8.2%
Data Spikes	None	None	None	None
Outliers	None	None	None	None
Delinquescence	N/A	N/A	12 Hours	12 Hours
Invalid Data	None	40 Hours	None	None
Missing Data	599 Hours	554 Hours	600 Hours	600 Hours
Extreme Environment	None	None	None	None

South Central Park

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	100.0%	81.7%	100.0%	100.0%
Data Spikes	None	None	None	None
Outliers	None	None	None	None
Delinquescence	N/A	N/A	36 Hours	36 Hours
Invalid Data	1 Hour	403 Hours	None	None
Missing Data	None	None	7 Hours	7 Hours
Extreme Environment	None	None	None	None

Floral Farms: South Central Expressway

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	100.0%	70.2%	100.0%	100.0%
Data Spikes	None	None	None	None
Outliers	None	None	None	None
Deliquescence	N/A	N/A	118 Hours	118 Hours
Invalid Data	None	659 Hours	None	None
Missing Data	None	None	19 Hours	19 Hours
Extreme Environment	None	None	None	None

Floral Farms: Simpson Stuart Rd

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	99.9%	81.4%	100.0%	100.0%
Data Spikes	None	None	None	None
Outliers	None	None	None	None
Deliquescence	N/A	N/A	773 Hours	773 Hours
Invalid Data	3 Hours	411 Hours	3 Hours	3 Hours
Missing Data	None	None	318 Hours	318 Hours
Extreme Environment	None	None	None	None

West Dallas Multipurpose Center

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	100.0%	86.2%	100.0%	100.0%
Data Spikes	None	None	None	None
Outliers	None	None	None	None
Deliquescence	N/A	N/A	61 Hours	61 Hours
Invalid Data	None	305 Hours	None	None
Missing Data	None	None	17 Hours	17 Hours
Extreme Environment	None	None	None	None

Flagpole Hill Park

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	80.6%	87.0%	95.1%	95.1%
Exceedances	None	None	None	None
Outliers	None	None	None	None
Deliquescence	N/A	N/A	51 Hours	51 Hours
Invalid Data	9 Hours	12 Hours	None	None
Missing Data	420 Hours	275 Hours	447 Hours	447 Hours
Extreme Environment	None	None	None	None

Polk Recreation Center

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	79.6%	77.5%	53.4%	53.4%
Data Spikes	1	None	None	1
Outliers	None	None	None	None
Deliquescence	N/A	N/A	4 Hours	4 Hours
Invalid Data	None	253 Hours	740 Hours	740 Hours
Missing Data	451 Hours	244 Hours	1230 Hours	1230 Hours
Extreme Environment	None	None	None	None

Joppy Momma's Farm

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	SO ₂ Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	3.0%	4.8%	3.2%	5.9%	5.9%
Data Spikes	None	None	None	None	None
Outliers	None	None	None	None	None
Deliquescence	N/A	N/A	N/A	None	None
Invalid Data	None	None	None	34 Hours	34 Hours
Missing Data	652 Hours	614 Hours	648 Hours	680 Hours	680 Hours
Extreme Environment	None	None	None	34 Hours	34 Hours

Samual Garland Park

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	SO ₂ Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	99.6%	100.0%	100.0%	100.0%	100.0%
Data Spikes	None	None	None	None	None
Outliers	None	None	None	None	None
Deliquescence	N/A	N/A	N/A	66 Hours	66 Hours
Invalid Data	8 Hours	None	None	None	None
Missing Data	None	None	None	26 Hours	26 Hours
Extreme Environment	None	None	None	None	None

Dallas Zoo

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	SO ₂ Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	14.8%	17.3%	15.3%	18.1%	18.1%
Data Spikes	None	None	None	None	None
Outliers	None	None	None	None	None
Deliquescence	N/A	N/A	N/A	7 Hours	7 Hours
Invalid Data	None	None	None	None	None
Missing Data	1881 Hours	1826 Hours	1870 Hours	1881 Hours	1881 Hours
Extreme Environment	None	None	None	None	None

Mountain Creek Library

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	SO ₂ Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	99.9%	100.0%	100.0%	100.0%	100.0%
Data Spikes	None	None	None	None	None
Outliers	None	None	None	None	None
Deliquescence	N/A	N/A	N/A	20 Hours	20 Hours
Invalid Data	2 Hours	None	None	None	None
Missing Data	None	None	None	7 Hours	7 Hours
Extreme Environment	None	None	None	None	None

Myers Prosperity Park

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	SO ₂ Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	89.4%	93.6%	90.0%	98.6%	98.6%
Data Spikes	None	None	None	None	None
Outliers	None	None	None	None	None
Deliquescence	N/A	N/A	N/A	5 Hours	5 Hours
Invalid Data	3 Hours	None	None	None	None
Missing Data	232 Hours	141 Hours	221 Hours	226 Hours	226 Hours
Extreme Environment	None	None	None	None	None

Fish Trap Lake Park

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	SO ₂ Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	99.4%	100.0%	100.0%	100.0%	100.0%
Data Spikes	None	None	None	None	None
Outliers	None	None	None	None	None
Deliquescence	N/A	N/A	N/A	105 Hours	105 Hours
Invalid Data	14 Hours	None	None	None	None
Missing Data	None	None	None	38 Hours	38 Hours
Extreme Environment	None	None	None	None	None

Friendship Park

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	SO ₂ Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	99.5%	100.0%	100.0%	100.0%	100.0%
Data Spikes	None	None	None	None	None
Outliers	None	None	None	None	None
Deliquescence	N/A	N/A	N/A	None	None
Invalid Data	10 Hours	None	None	None	None
Missing Data	None	None	None	None	None
Extreme Environment	None	None	None	None	None

Willis Winters Park

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	CO Hourly Average (ppm)	TVOC Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	44.0%	44.0%	44.0%	44.0%	43.0%	43.0%
Data Spikes	None	None	None	None	None	1
Outliers	None	None	None	None	None	None
Deliquescence	N/A	N/A	N/A	N/A	6 Hours	6 Hours
Invalid Data	None	None	None	None	None	None
Missing Data	1 Hour	None	1 Hour	1 Hour	2 Hours	2 Hours
Extreme Environment	None	None	None	None	None	None

Tommie Allen Recreation Center

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	CO Hourly Average (ppm)	TVOC Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	57.6%	66.8%	59.2%	59.2%	74.4%	74.4%
Data Spikes	None	None	None	None	None	None
Outliers	None	None	None	None	None	None
Deliquescence	N/A	N/A	N/A	N/A	12 Hours	12 Hours
Invalid Data	30 Hours	None	None	None	None	None
Missing Data	907 Hours	734 Hours	900 Hours	901 Hours	906 Hours	906 Hours
Extreme Environment	None	None	None	None	None	None

Fretz Park

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	CO Hourly Average (ppm)	TVOC Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Data Spikes	None	None	None	None	None	None
Outliers	None	None	None	None	None	None
Deliquescence	N/A	N/A	N/A	N/A	2 Hours	2 Hours
Invalid Data	None	None	None	None	None	None
Missing Data	None	None	None	None	None	None
Extreme Environment	None	None	None	None	None	None

Martin Weiss Park

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	CO Hourly Average (ppm)	TVOC Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Data Spikes	None	None	None	None	None	None
Outliers	None	None	None	None	None	None
Deliquescence	N/A	N/A	N/A	N/A	48 Hours	48 Hours
Invalid Data	None	None	None	None	None	None
Missing Data	None	None	None	None	16 Hours	16 Hours
Extreme Environment	None	None	None	None	None	None

Campbell Green Park

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	CO Hourly Average (ppm)	TVOC Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Data Spikes	None	None	None	None	None	None
Outliers	None	None	None	None	None	None
Deliquescence	N/A	N/A	N/A	N/A	11 Hours	11 Hours
Invalid Data	None	None	None	None	None	None
Missing Data	None	None	None	None	9 Hours	9 Hours
Extreme Environment	None	None	None	None	None	None

Park Forest Library

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	CO Hourly Average (ppm)	TVOC Hourly Average (ppb)	PM ₁₀ 24-Hour Average (µg/m ³)	PM _{2.5} 24-Hour Average (µg/m ³)
Capture Percent	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Data Spikes	None	None	None	None	None	None
Outliers	None	None	None	None	None	None
Deliquescence	N/A	N/A	N/A	N/A	17 Hours	17 Hours
Invalid Data	None	None	1 Hour	None	None	None
Missing Data	None	None	None	None	7 Hours	7 Hours
Extreme Environment	None	None	None	None	None	None

Moneygram Park

Data Summary	NO ₂ Hourly Average (ppb)	O ₃ 8-Hour Average (ppb)	CO Hourly Average (ppm)	TVOC Hourly Average (ppb)	PM ₁₀ 24- Hour Average (µg/m ³)	PM _{2.5} 24- Hour Average (µg/m ³)
Capture Percent	100.0%	91.8%	100.0%	100.0%	100.0%	100.0%
Data Spikes	None	None	None	None	None	None
Outliers	None	None	None	None	None	None
Deliquescence	N/A	N/A	N/A	N/A	161 Hours	161 Hours
Invalid Data	None	181 Hours	None	None	None	None
Missing Data	None	None	None	None	41 Hours	41 Hours
Extreme Environment	None	None	None	None	None	None