

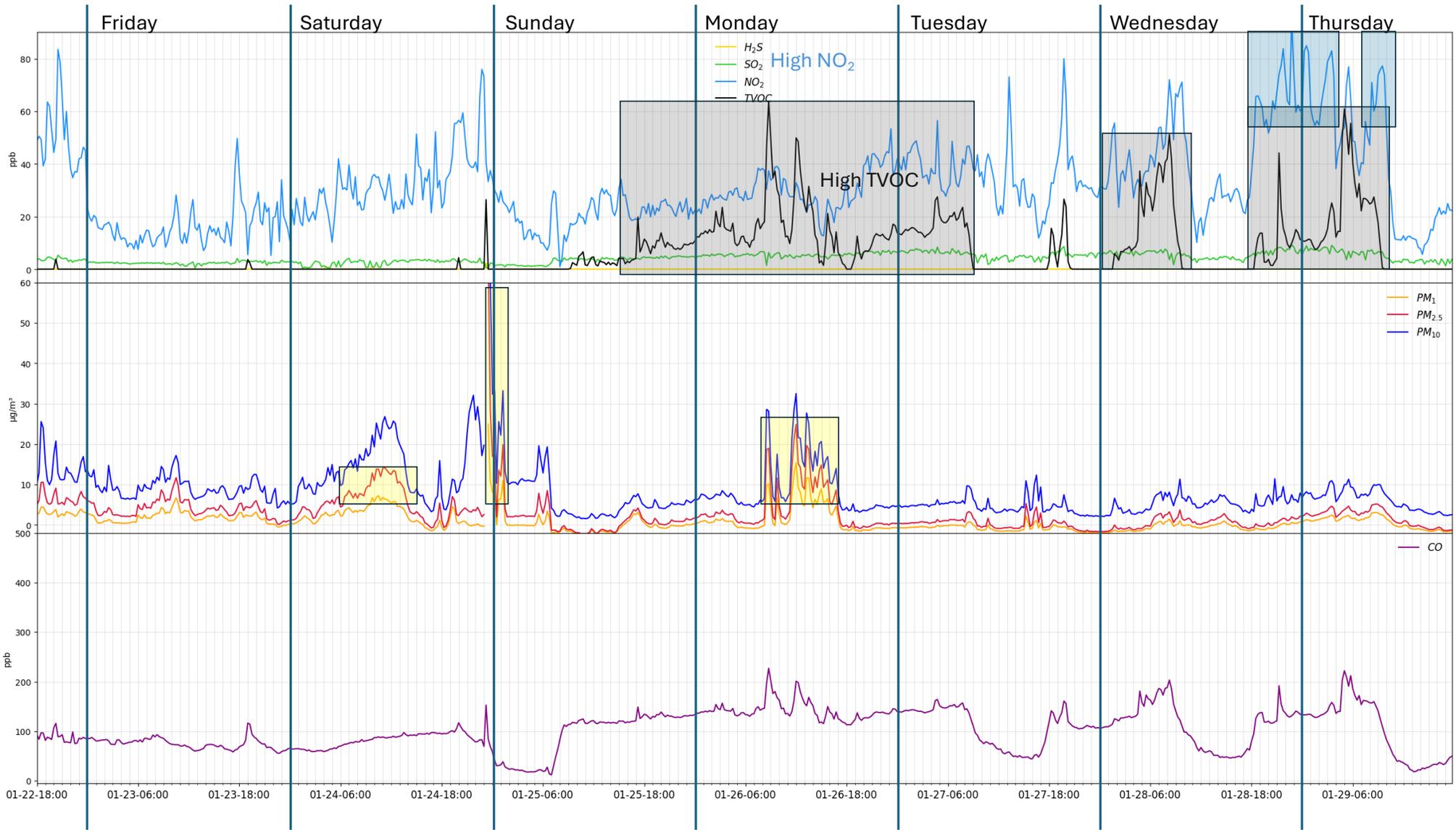
# St. James POD

January 13 – January 29, 2026

## *Disclaimer*

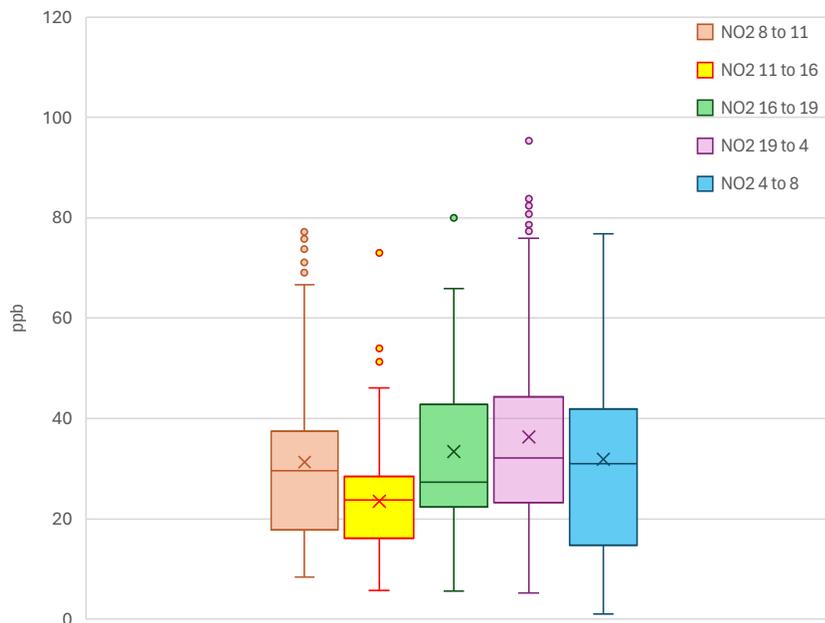
*The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act, the data may not be used to allege violations or non-compliance with federal or State law. Rather, the data is intended for non-regulatory applications -- specifically, to better understand local air quality and to help communities to work with local companies to seek solutions to observed pollution events in a collaborative manner.*

*At the same time, most of the sensors are subject to QA/QC procedures and are calibrated and evaluated against official regulatory monitors.*



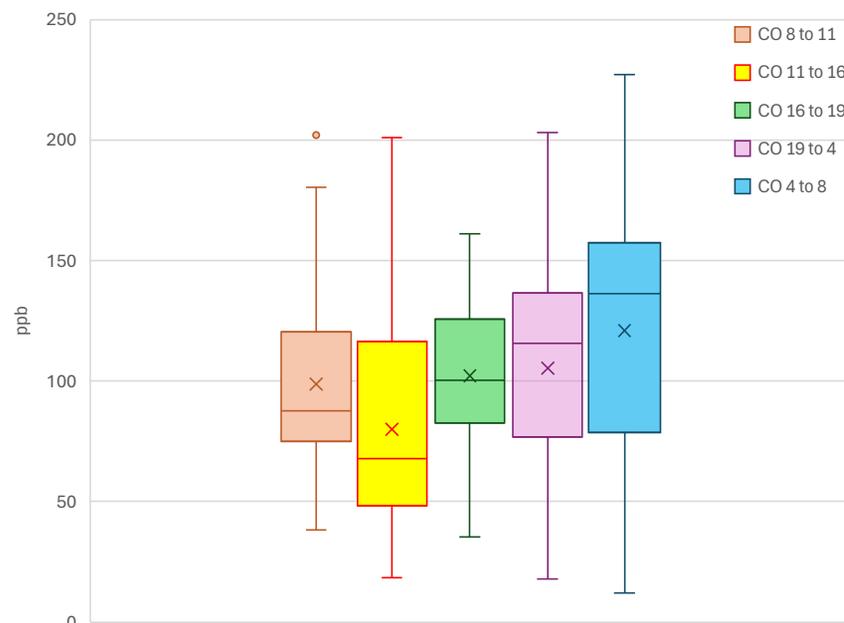
# Hourly concentration distribution

NO<sub>2</sub> hourly distribution



| ppb                      | Mean | Median | Q1   | Q3   | Min | Max  | # points |
|--------------------------|------|--------|------|------|-----|------|----------|
| NO <sub>2</sub> 4 to 8   | 31.9 | 31.0   | 14.7 | 42.0 | 1.1 | 76.9 | 112      |
| NO <sub>2</sub> 8 to 11  | 31.3 | 29.6   | 17.8 | 37.4 | 8.5 | 77.2 | 84       |
| NO <sub>2</sub> 11 to 16 | 23.6 | 23.8   | 16.1 | 28.4 | 5.7 | 73.0 | 140      |
| NO <sub>2</sub> 16 to 19 | 33.4 | 27.3   | 22.4 | 42.8 | 5.6 | 79.9 | 84       |
| NO <sub>2</sub> 19 to 4  | 36.4 | 32.2   | 23.2 | 44.4 | 5.3 | 95.3 | 252      |

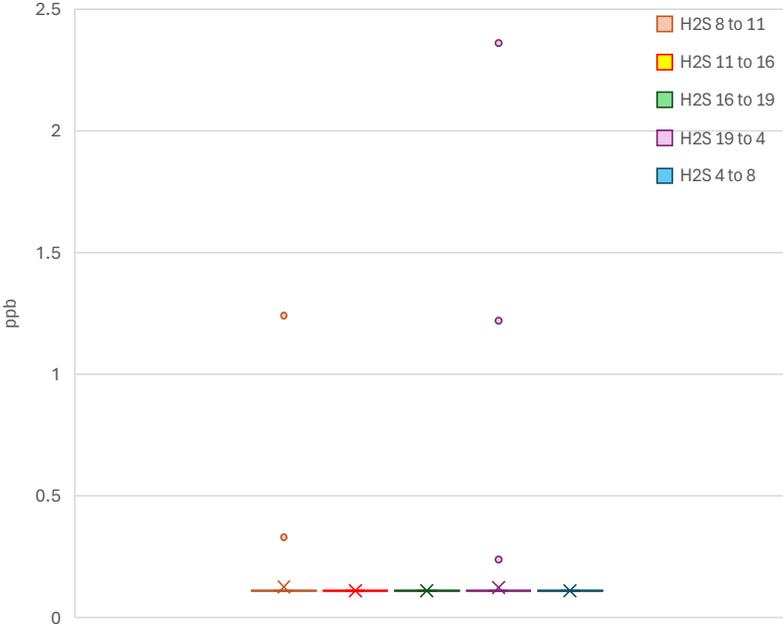
CO hourly distribution



| ppb         | Mean  | Median | Q1   | Q3    | Min  | Max   | # points |
|-------------|-------|--------|------|-------|------|-------|----------|
| CO 4 to 8   | 120.9 | 136.2  | 78.8 | 157.4 | 12.1 | 227.1 | 112      |
| CO 8 to 11  | 98.8  | 87.7   | 75.1 | 120.4 | 38.2 | 202.2 | 84       |
| CO 11 to 16 | 79.9  | 67.9   | 48.3 | 116.5 | 18.4 | 200.9 | 140      |
| CO 16 to 19 | 102.2 | 100.4  | 82.6 | 125.6 | 35.3 | 161.0 | 84       |
| CO 19 to 4  | 105.3 | 115.6  | 76.8 | 136.8 | 17.9 | 203.0 | 252      |

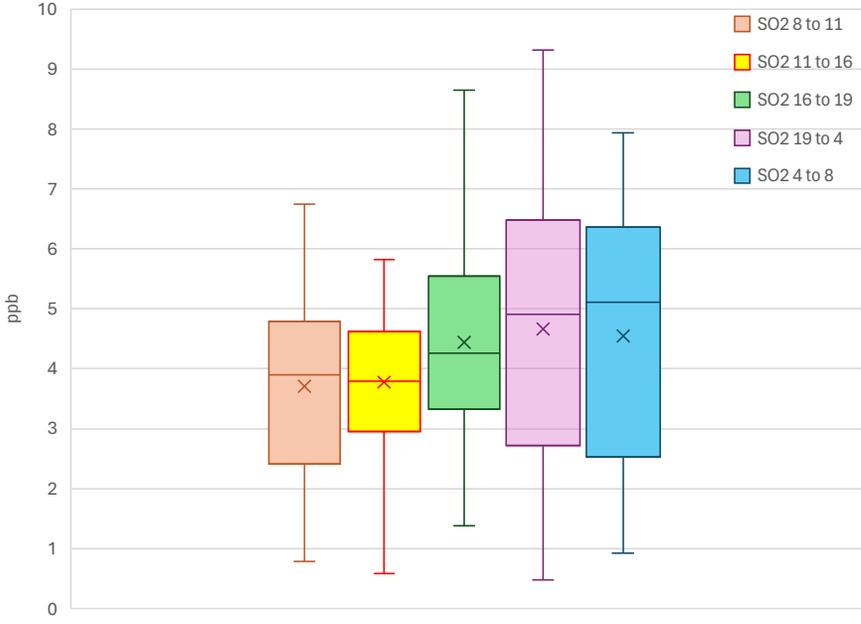
# Hourly concentration distribution

H<sub>2</sub>S hourly distribution



| ppb                       | Mean | Median | Q1  | Q3  | Min | Max | # points |
|---------------------------|------|--------|-----|-----|-----|-----|----------|
| H <sub>2</sub> S 4 to 8   | 0.1  | 0.1    | 0.1 | 0.1 | 0.1 | 0.1 | 112      |
| H <sub>2</sub> S 8 to 11  | 0.1  | 0.1    | 0.1 | 0.1 | 0.1 | 1.2 | 84       |
| H <sub>2</sub> S 11 to 16 | 0.1  | 0.1    | 0.1 | 0.1 | 0.1 | 0.1 | 140      |
| H <sub>2</sub> S 16 to 19 | 0.1  | 0.1    | 0.1 | 0.1 | 0.1 | 0.1 | 84       |
| H <sub>2</sub> S 19 to 4  | 0.1  | 0.1    | 0.1 | 0.1 | 0.1 | 2.4 | 252      |

SO<sub>2</sub> hourly distribution

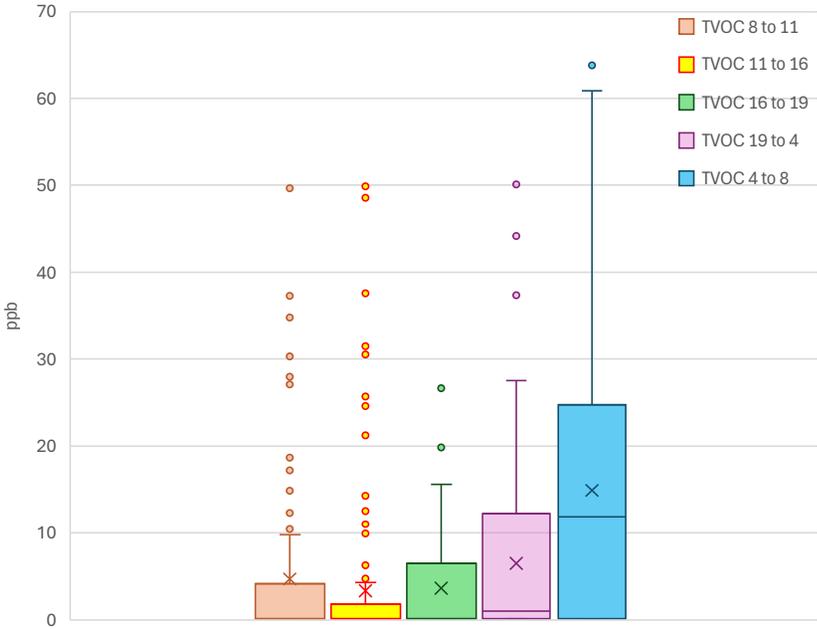


| ppb                      | Mean | Median | Q1  | Q3  | Min | Max | # points |
|--------------------------|------|--------|-----|-----|-----|-----|----------|
| SO <sub>2</sub> 4 to 8   | 4.5  | 5.1    | 2.5 | 6.4 | 0.9 | 7.9 | 112      |
| SO <sub>2</sub> 8 to 11  | 3.7  | 3.9    | 2.4 | 4.8 | 0.8 | 6.7 | 84       |
| SO <sub>2</sub> 11 to 16 | 3.8  | 3.8    | 3.0 | 4.6 | 0.6 | 5.8 | 140      |
| SO <sub>2</sub> 16 to 19 | 4.4  | 4.3    | 3.3 | 5.5 | 1.4 | 8.7 | 84       |
| SO <sub>2</sub> 19 to 4  | 4.7  | 4.9    | 2.7 | 6.5 | 0.5 | 9.3 | 252      |

H<sub>2</sub>S data is not referenced and calibrated against regulatory monitor

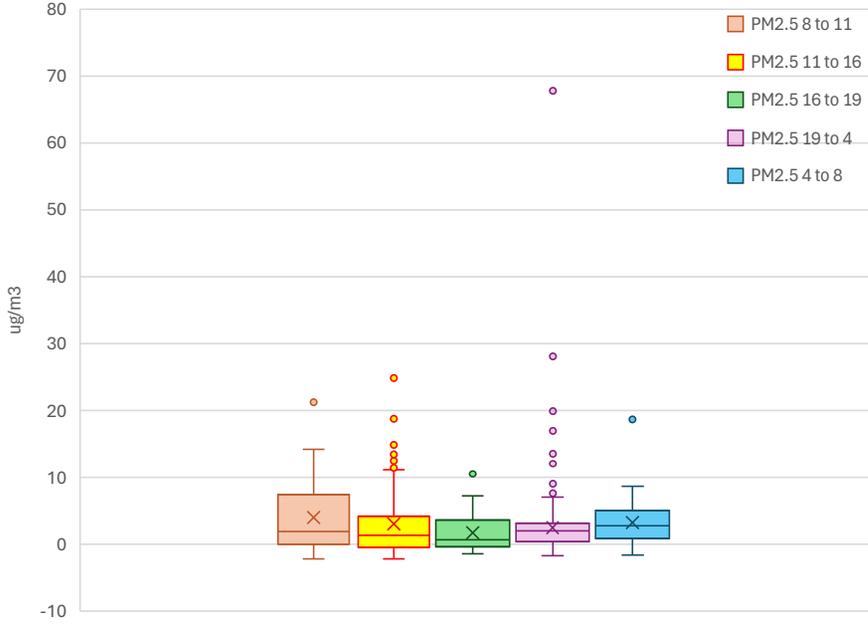
# Hourly concentration distribution

TVOC hourly distribution



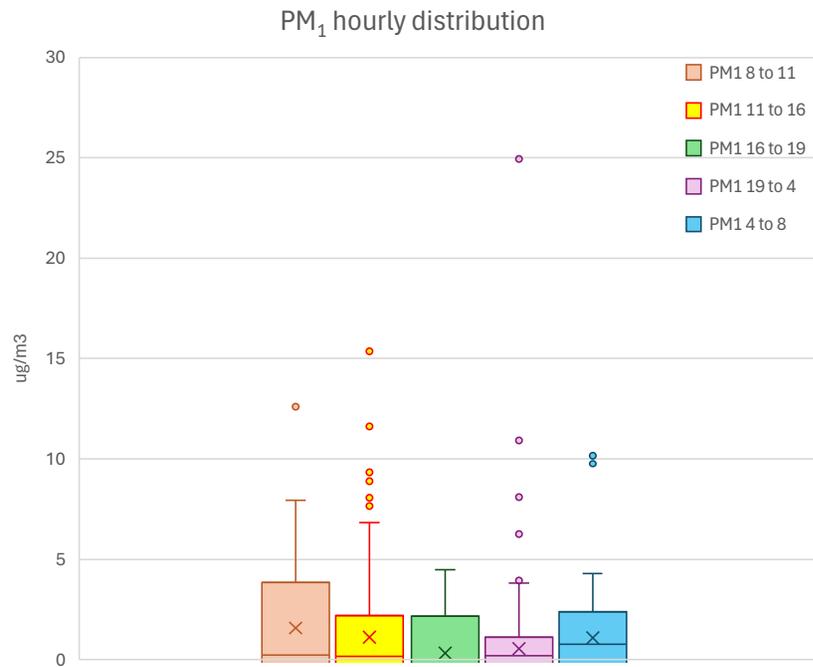
| ppb           | Mean | Median | Q1  | Q3   | Min | Max  | # points |
|---------------|------|--------|-----|------|-----|------|----------|
| TVOC 4 to 8   | 14.9 | 11.8   | 0.1 | 24.8 | 0.1 | 63.8 | 112      |
| TVOC 8 to 11  | 4.7  | 0.1    | 0.1 | 4.1  | 0.1 | 49.7 | 84       |
| TVOC 11 to 16 | 3.4  | 0.1    | 0.1 | 1.8  | 0.1 | 49.9 | 140      |
| TVOC 16 to 19 | 3.7  | 0.1    | 0.1 | 6.5  | 0.1 | 26.7 | 84       |
| TVOC 19 to 4  | 6.5  | 1.0    | 0.1 | 12.3 | 0.1 | 50.1 | 252      |

PM<sub>2.5</sub> hourly distribution



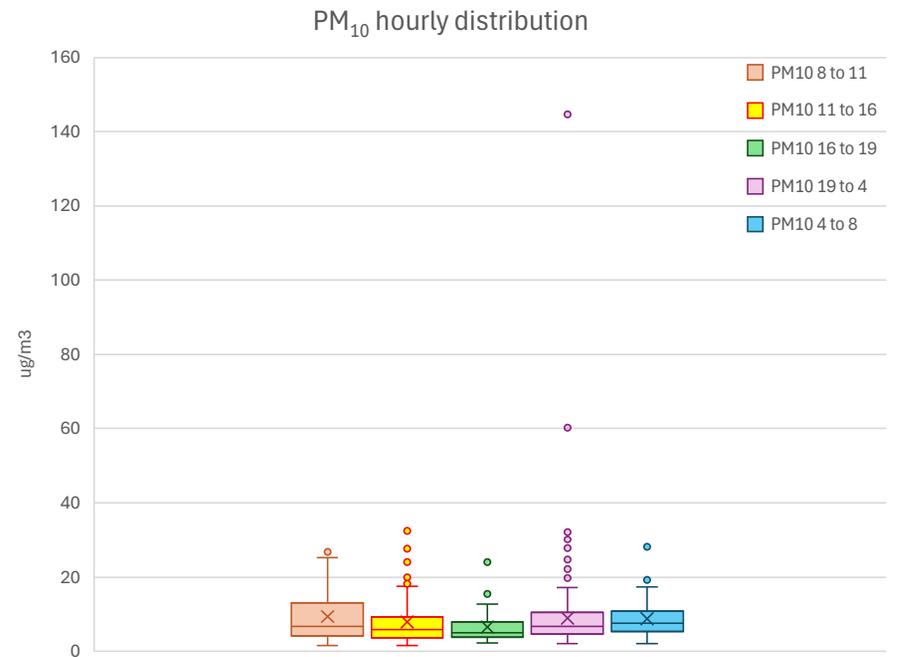
| ug/m <sup>3</sup>          | Mean | Median | Q1   | Q3  | Min  | Max  | # points |
|----------------------------|------|--------|------|-----|------|------|----------|
| PM <sub>2.5</sub> 4 to 8   | 3.2  | 2.7    | 0.9  | 5.1 | -1.6 | 19.0 | 112      |
| PM <sub>2.5</sub> 8 to 11  | 4.0  | 1.9    | 0.1  | 7.4 | -2.2 | 21.2 | 84       |
| PM <sub>2.5</sub> 11 to 16 | 3.1  | 1.4    | -0.5 | 4.2 | -2.1 | 24.9 | 140      |
| PM <sub>2.5</sub> 16 to 19 | 1.7  | 0.7    | -0.4 | 3.6 | -1.4 | 10.6 | 84       |
| PM <sub>2.5</sub> 19 to 4  | 2.5  | 2.0    | 0.4  | 3.2 | -1.7 | 67.8 | 251      |

# Hourly concentration distribution

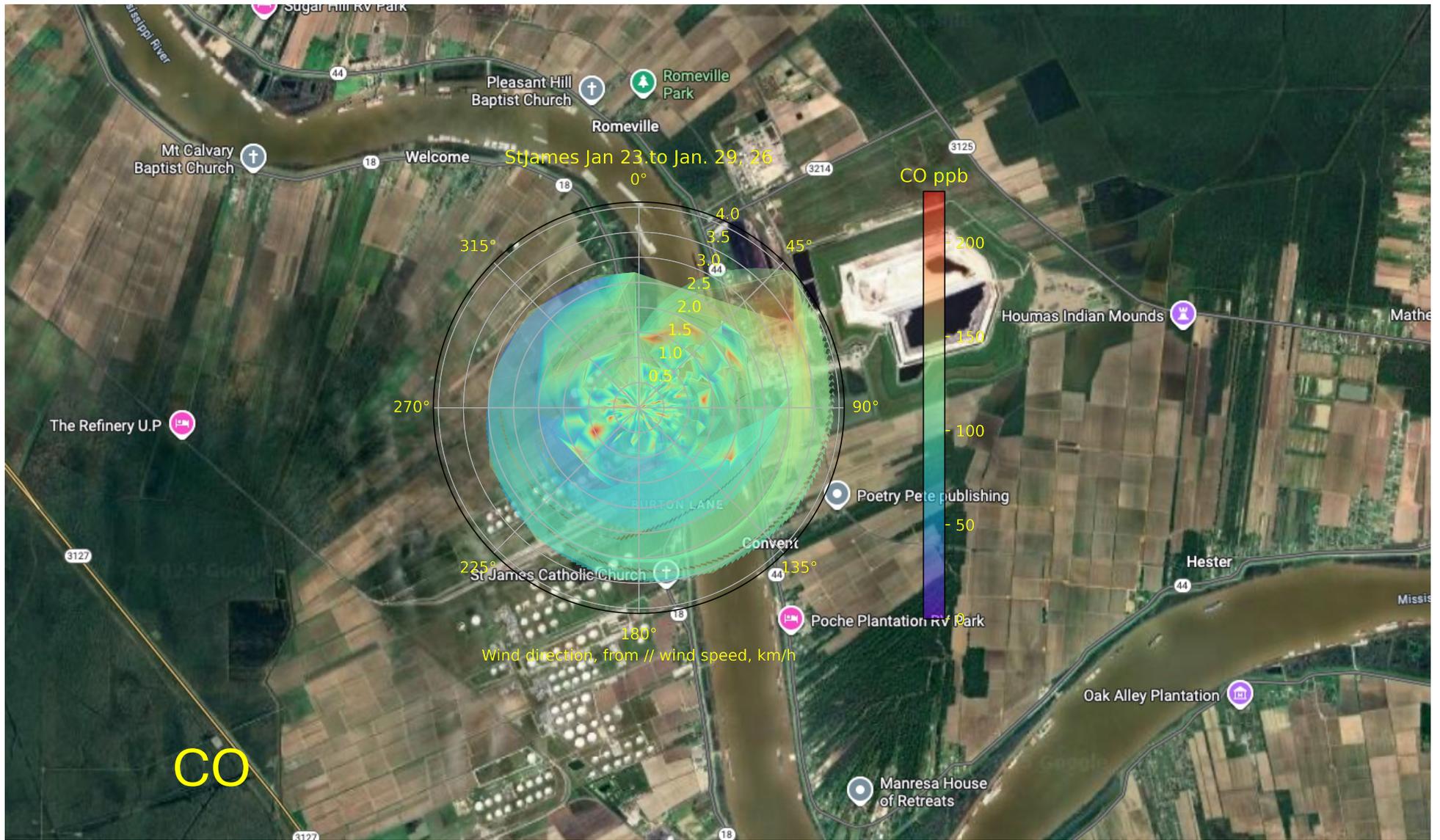


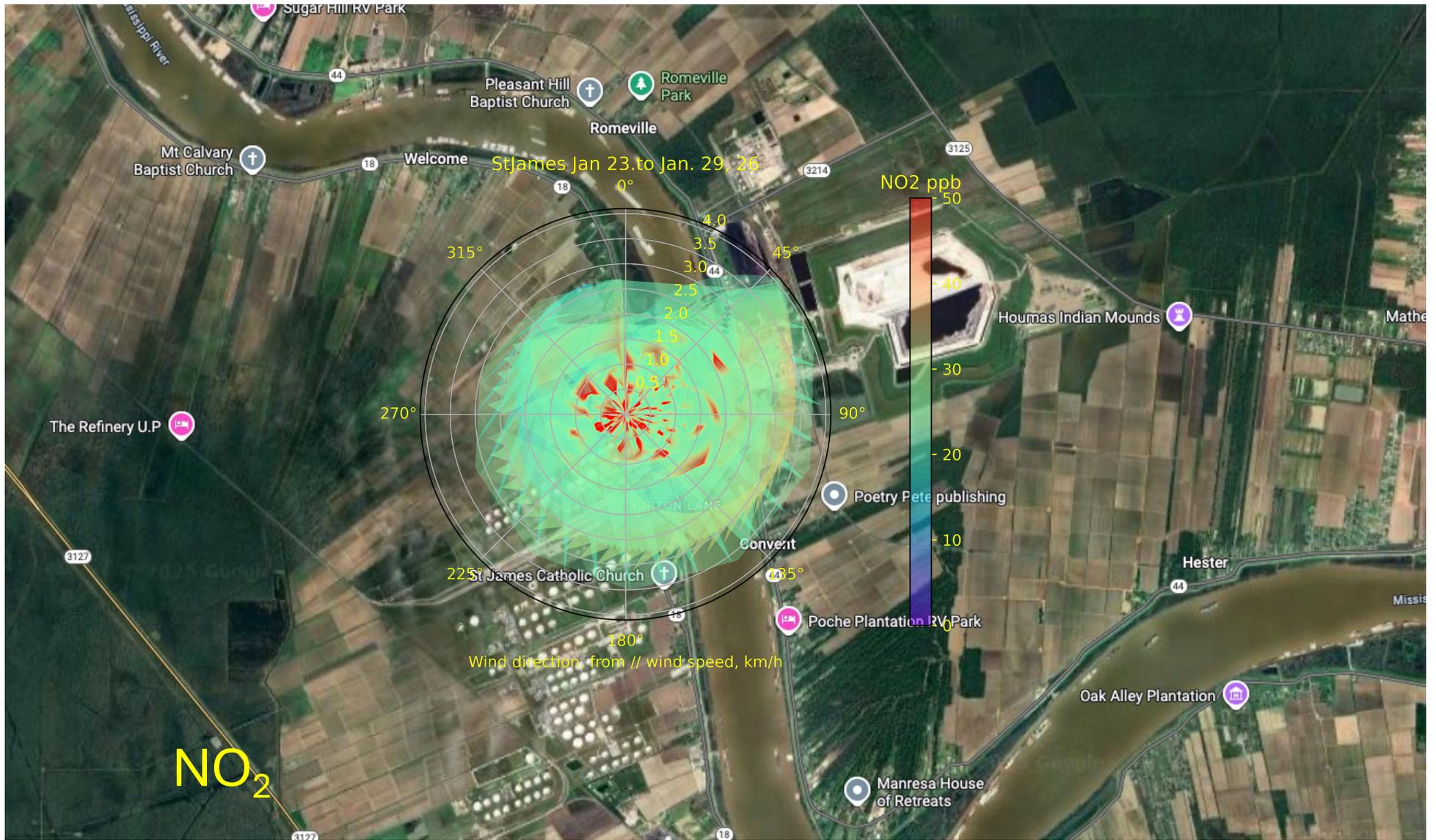
| ug/m <sup>3</sup>        | Mean | Median | Q1   | Q3  | Min  | Max  | # points |
|--------------------------|------|--------|------|-----|------|------|----------|
| PM <sub>1</sub> 4 to 8   | 1.1  | 0.8    | -0.4 | 2.4 | -2.0 | 10.2 | 112      |
| PM <sub>1</sub> 8 to 11  | 1.6  | 0.2    | -0.9 | 3.8 | -2.3 | 12.6 | 84       |
| PM <sub>1</sub> 11 to 16 | 1.1  | 0.2    | -1.2 | 2.2 | -2.3 | 15.4 | 140      |
| PM <sub>1</sub> 16 to 19 | 0.3  | -0.4   | -1.2 | 2.2 | -1.7 | 4.5  | 84       |
| PM <sub>1</sub> 19 to 4  | 0.6  | 0.2    | -0.7 | 1.1 | -2.0 | 25.0 | 251      |

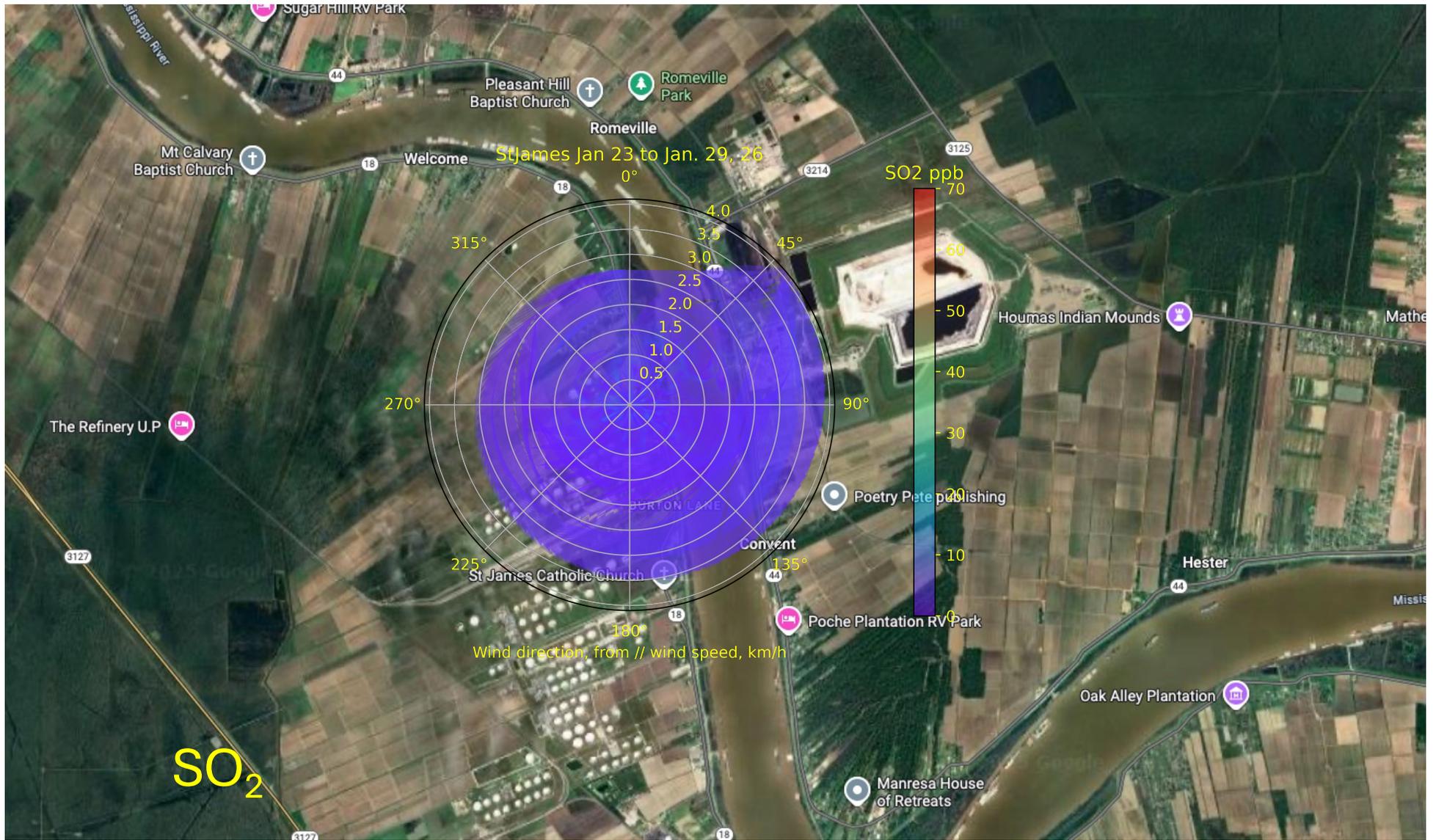
PM<sub>1</sub> data is not referenced and calibrated against regulatory monitor



| ug/m <sup>3</sup>         | Mean | Median | Q1  | Q3   | Min | Max   | # points |
|---------------------------|------|--------|-----|------|-----|-------|----------|
| PM <sub>10</sub> 4 to 8   | 8.7  | 7.6    | 5.3 | 10.8 | 2.1 | 28.6  | 112      |
| PM <sub>10</sub> 8 to 11  | 9.4  | 6.7    | 4.1 | 13.2 | 1.6 | 28.3  | 84       |
| PM <sub>10</sub> 11 to 16 | 8.0  | 5.9    | 3.7 | 9.2  | 1.6 | 32.5  | 140      |
| PM <sub>10</sub> 16 to 19 | 6.6  | 5.1    | 3.7 | 8.0  | 2.3 | 25.6  | 84       |
| PM <sub>10</sub> 19 to 4  | 9.0  | 6.7    | 4.8 | 10.5 | 2.1 | 144.7 | 251      |

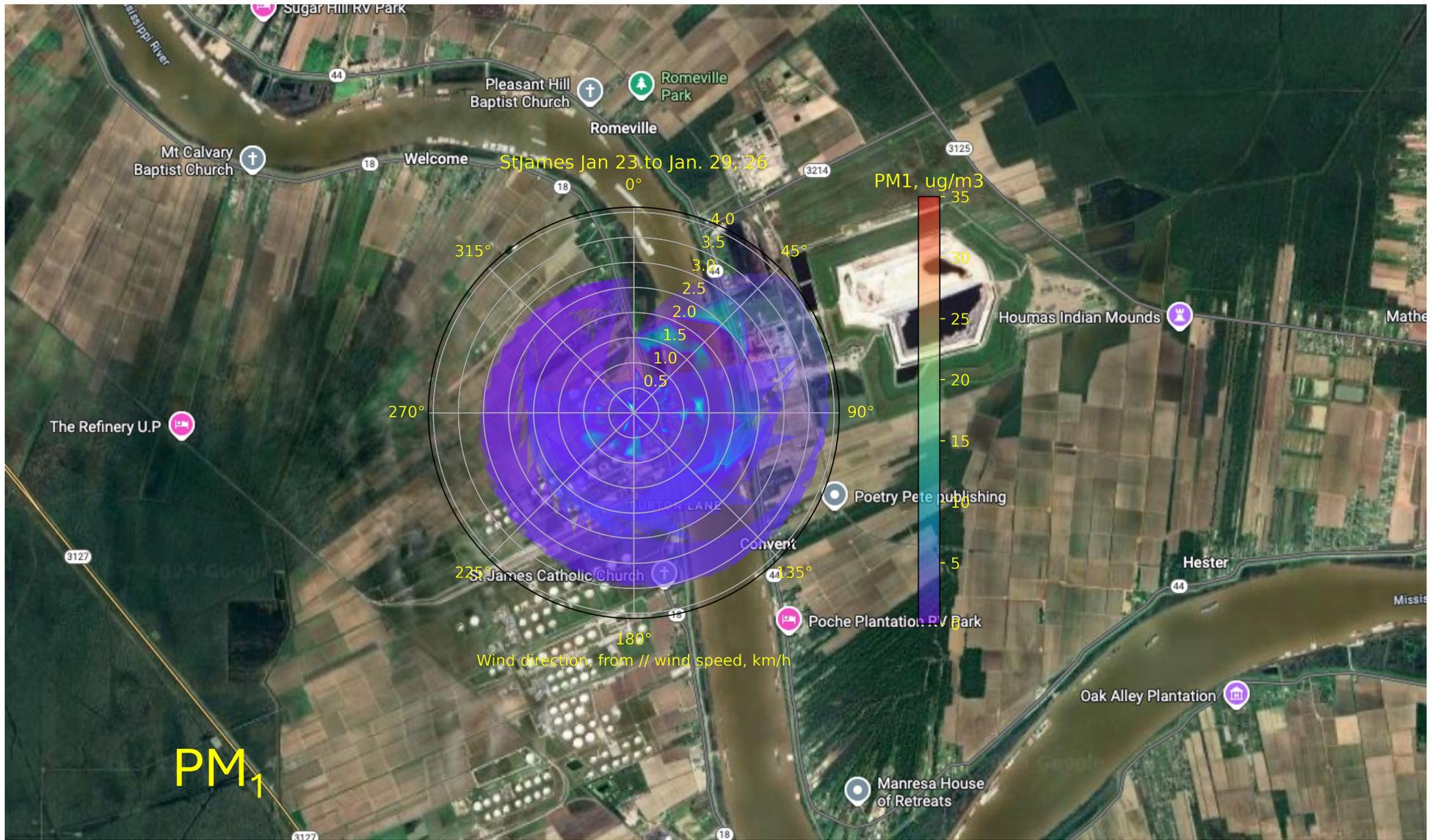


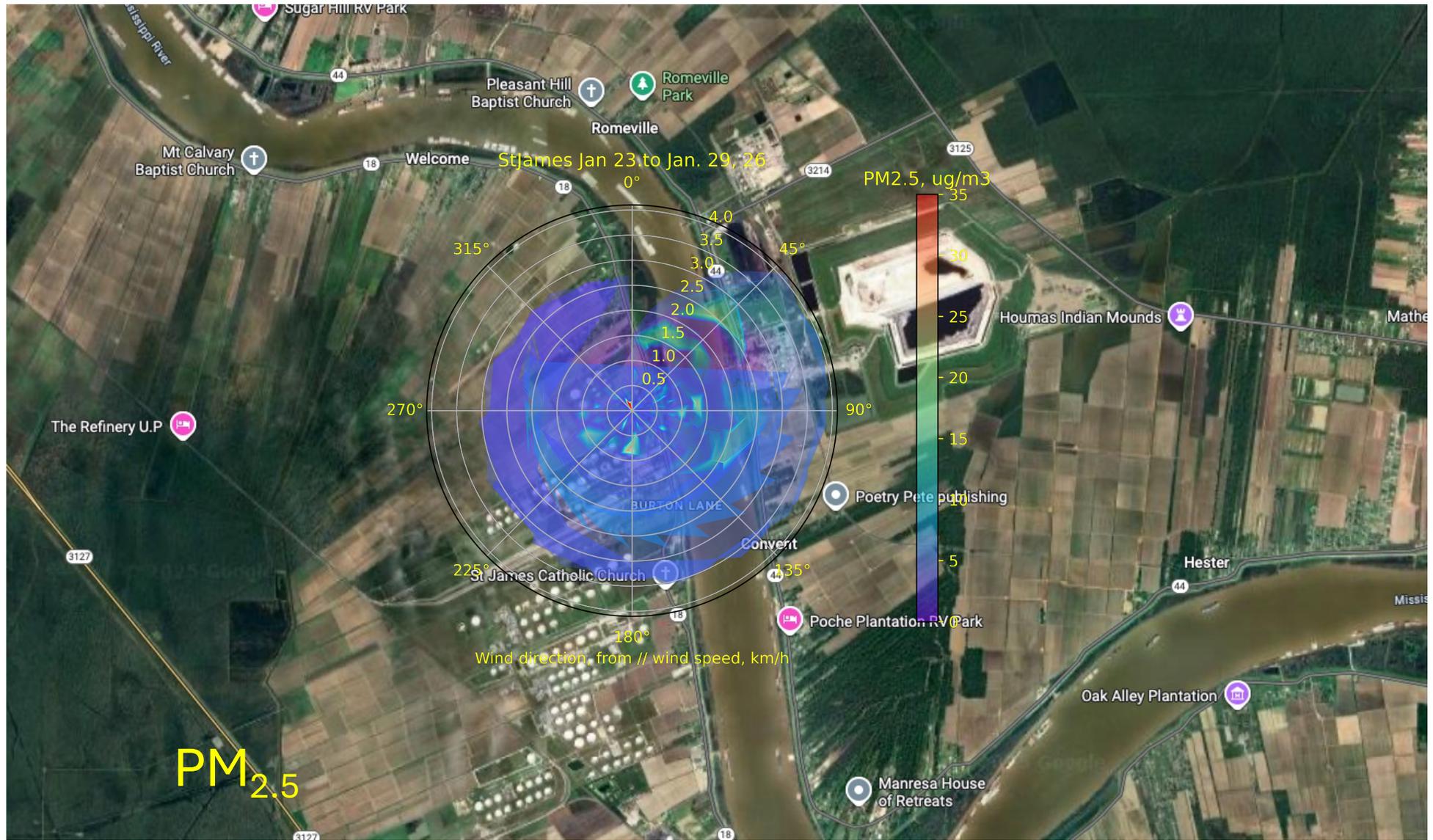


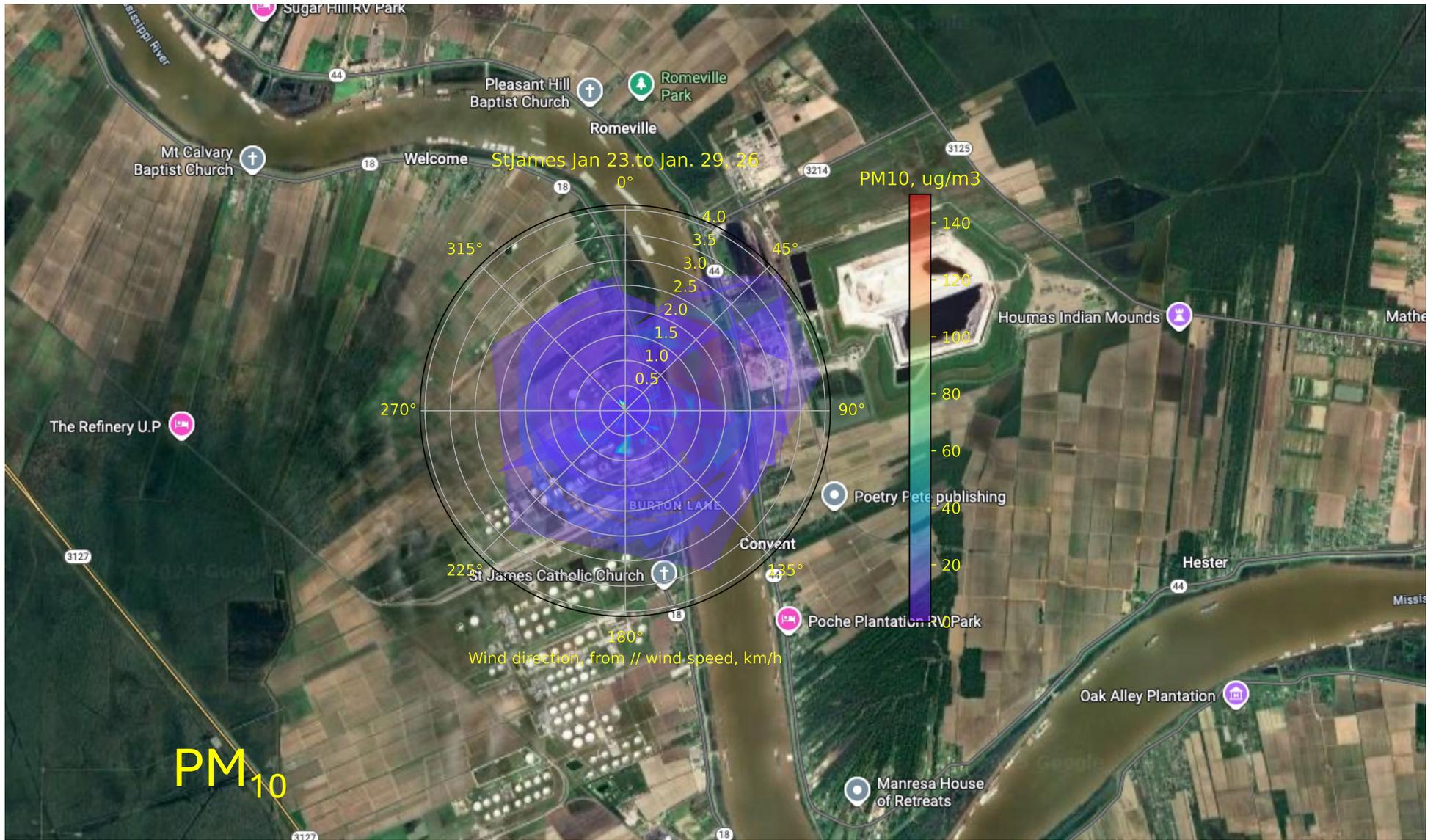














# St. James POD 1/23-01/29

- TVOC is driven from North-East direction. Also small TVOC Source from South West.
- non-directional elevated  $\text{NO}_2$