

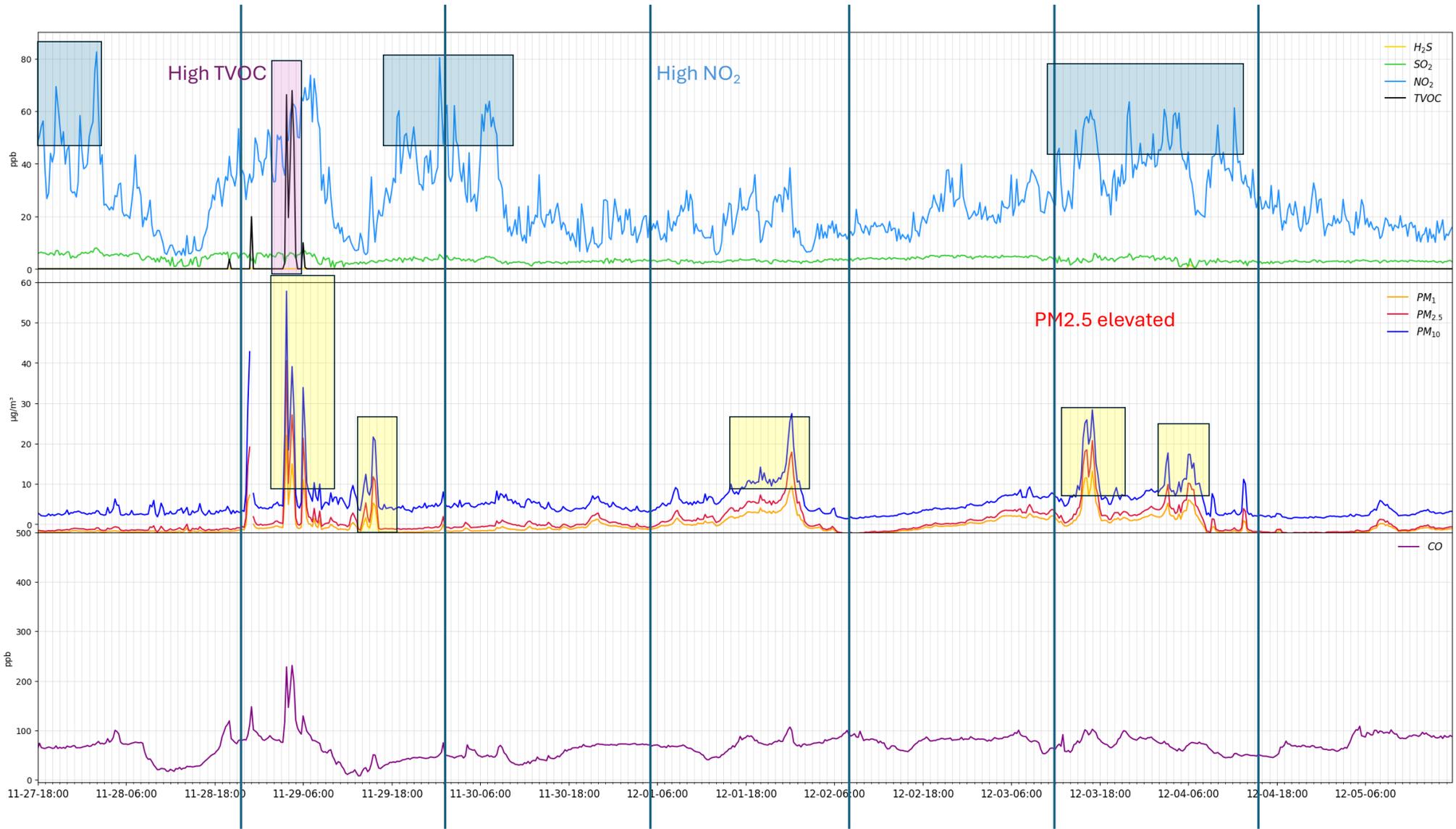
St. James POD

November 27 – December 5, 2025

Disclaimer

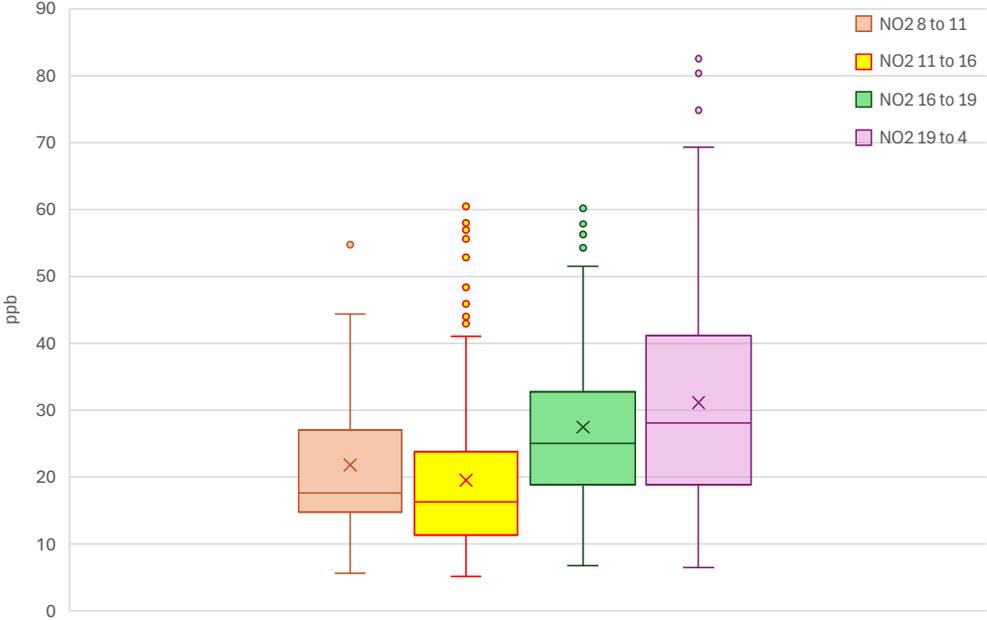
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act, 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.

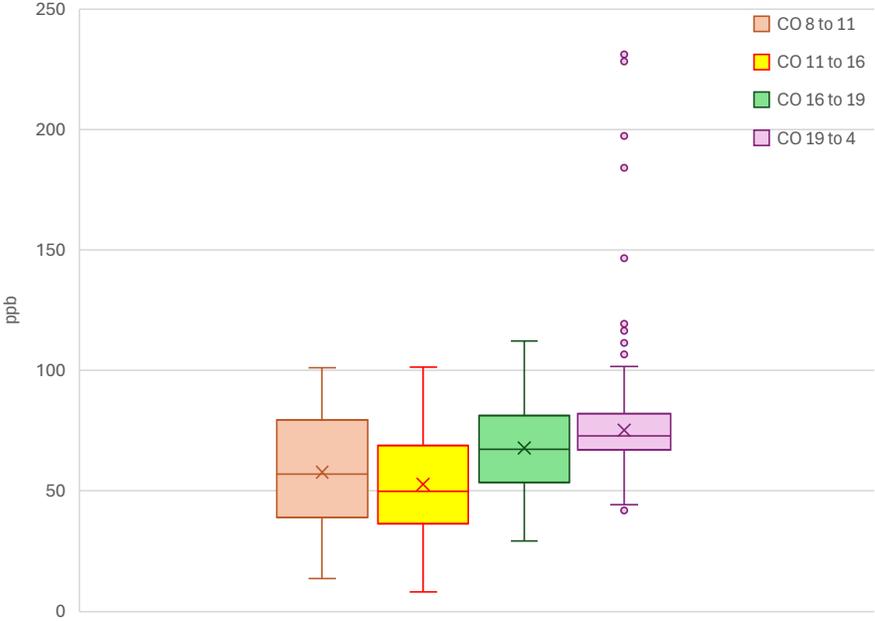


Hourly concentration distribution

NO2 hourly distribution



CO hourly distribution



| ppb | Mean | Median | Q1 | Q3 | Min | Max | # points |
|--------------|------|--------|------|------|-----|------|----------|
| NO2 4 to 8 | 26.8 | 22.8 | 15.7 | 35.6 | 5.1 | 82.5 | 768 |
| NO2 8 to 11 | 21.8 | 17.7 | 14.8 | 27.0 | 5.6 | 54.7 | 96 |
| NO2 11 to 16 | 19.6 | 16.3 | 11.4 | 23.8 | 5.1 | 61.3 | 160 |
| NO2 16 to 19 | 27.5 | 25.0 | 18.8 | 32.7 | 6.7 | 60.2 | 96 |
| NO2 19 to 4 | 31.1 | 28.1 | 18.7 | 41.1 | 6.5 | 82.5 | 288 |

| ppb | Mean | Median | Q1 | Q3 | Min | Max | # points |
|-------------|------|--------|------|------|------|-------|----------|
| CO 4 to 8 | 67.9 | 70.4 | 51.8 | 82.0 | 8.1 | 231.1 | 768 |
| CO 8 to 11 | 57.6 | 57.0 | 39.1 | 79.3 | 13.7 | 101.1 | 96 |
| CO 11 to 16 | 52.8 | 49.9 | 36.2 | 68.9 | 8.1 | 101.3 | 160 |
| CO 16 to 19 | 67.8 | 67.3 | 53.5 | 81.4 | 29.2 | 112.2 | 96 |
| CO 19 to 4 | 75.3 | 72.7 | 66.9 | 82.1 | 41.8 | 231.1 | 288 |

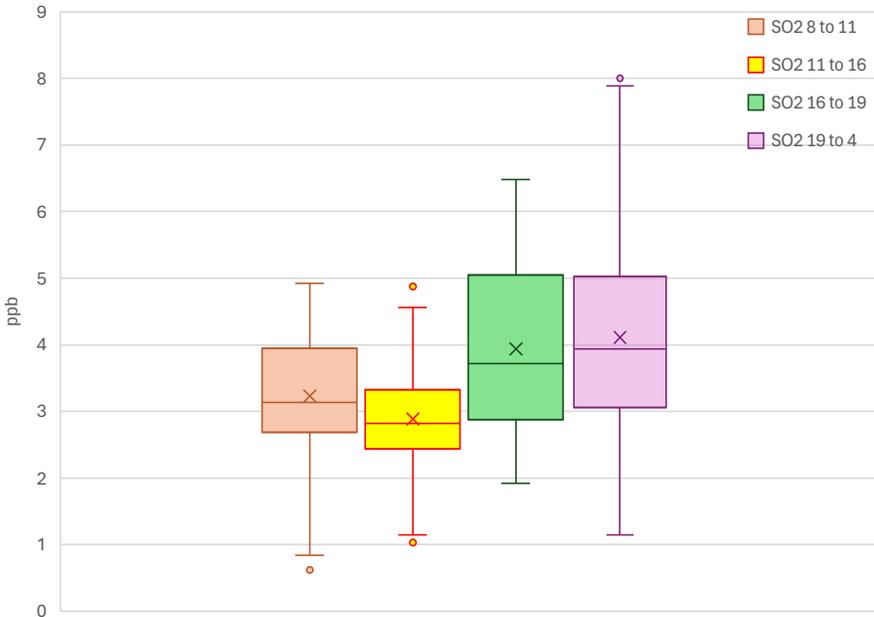
Hourly concentration distribution

H2S hourly distribution



| ppb | Mean | Median | Q1 | Q3 | Min | Max | # points |
|--------------|------|--------|-----|-----|-----|-----|----------|
| H2S 4 to 8 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 1.6 | 768 |
| H2S 8 to 11 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 96 |
| H2S 11 to 16 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 160 |
| H2S 16 to 19 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 96 |
| H2S 19 to 4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 288 |

SO2 hourly distribution

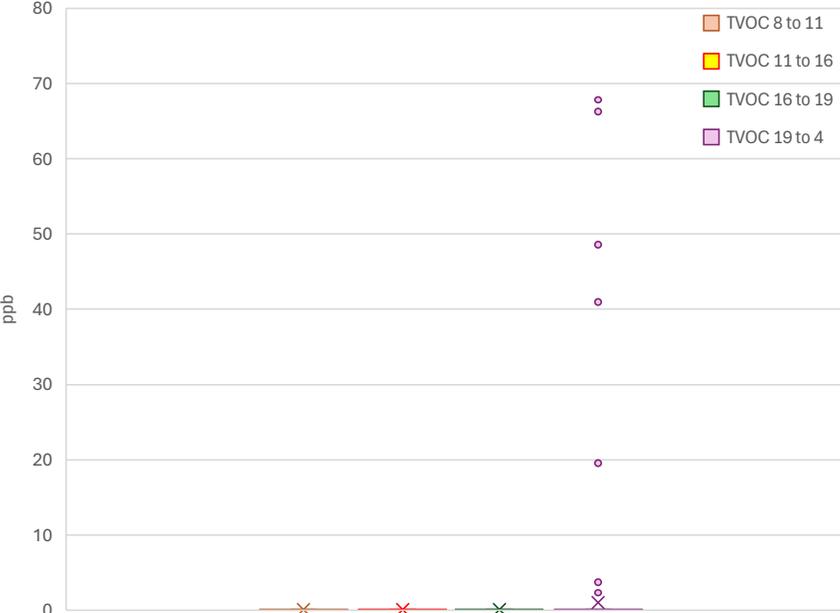


| ppb | Mean | Median | Q1 | Q3 | Min | Max | # points |
|--------------|------|--------|-----|-----|-----|-----|----------|
| SO2 4 to 8 | 3.7 | 3.4 | 2.8 | 4.5 | 0.6 | 8.0 | 768 |
| SO2 8 to 11 | 3.2 | 3.1 | 2.7 | 3.9 | 0.6 | 4.9 | 96 |
| SO2 11 to 16 | 2.9 | 2.8 | 2.4 | 3.3 | 1.0 | 5.0 | 160 |
| SO2 16 to 19 | 3.9 | 3.7 | 2.9 | 5.0 | 1.9 | 6.5 | 96 |
| SO2 19 to 4 | 4.1 | 3.9 | 3.1 | 5.1 | 1.2 | 8.0 | 288 |

H₂S data is not referenced and calibrated against regulatory monitor

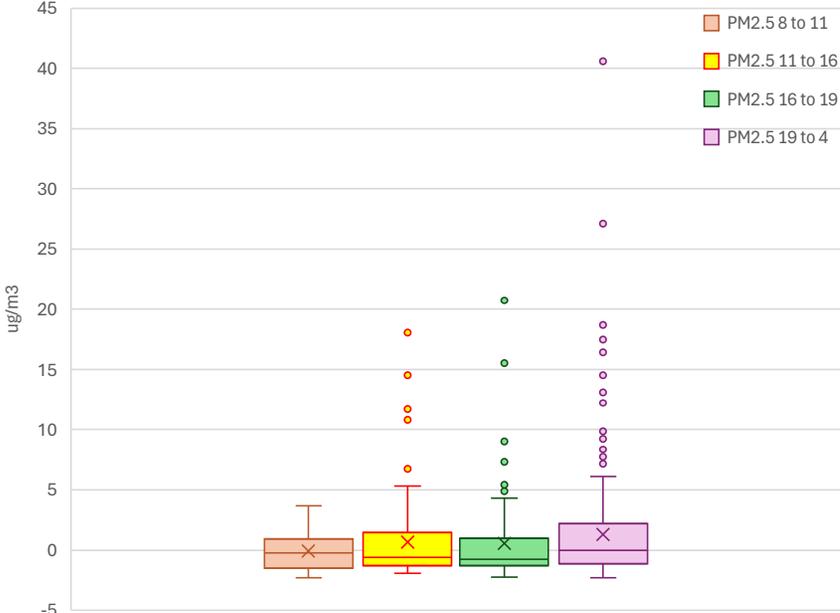
Hourly concentration distribution

TVOC hourly distribution



| ppb | Mean | Median | Q1 | Q3 | Min | Max | # points |
|---------------|------|--------|-----|-----|-----|------|----------|
| TVOC 4 to 8 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 67.8 | 768 |
| TVOC 8 to 11 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 96 |
| TVOC 11 to 16 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 160 |
| TVOC 16 to 19 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 96 |
| TVOC 19 to 4 | 1.0 | 0.1 | 0.1 | 0.1 | 0.1 | 67.8 | 288 |

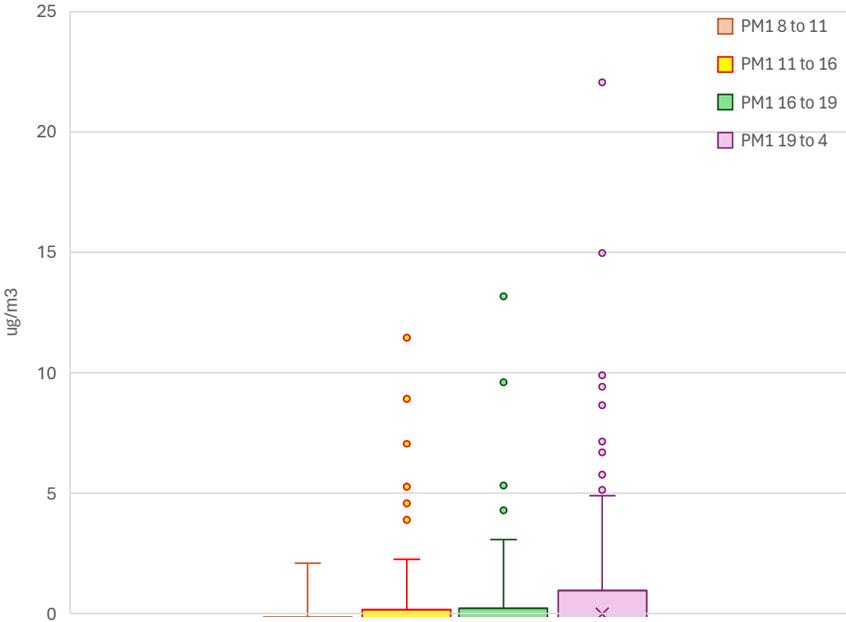
PM2.5 hourly distribution



| ug/m3 | Mean | Median | Q1 | Q3 | Min | Max | # points |
|----------------|------|--------|------|-----|------|------|----------|
| PM2.5 4 to 8 | 0.8 | -0.3 | -1.3 | 1.7 | -2.3 | 40.6 | 767 |
| PM2.5 8 to 11 | -0.1 | -0.3 | -1.5 | 1.0 | -2.3 | 3.7 | 96 |
| PM2.5 11 to 16 | 0.6 | -0.6 | -1.3 | 1.5 | -1.9 | 18.5 | 160 |
| PM2.5 16 to 19 | 0.6 | -0.8 | -1.3 | 1.0 | -2.3 | 20.7 | 96 |
| PM2.5 19 to 4 | 1.3 | 0.0 | -1.1 | 2.2 | -2.3 | 40.6 | 287 |

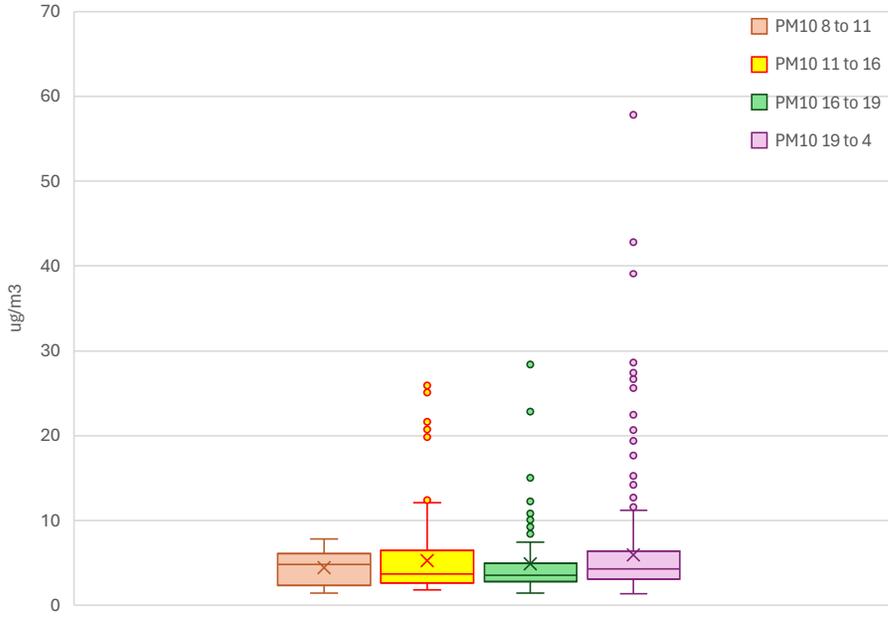
Hourly concentration distribution

PM1 hourly distribution



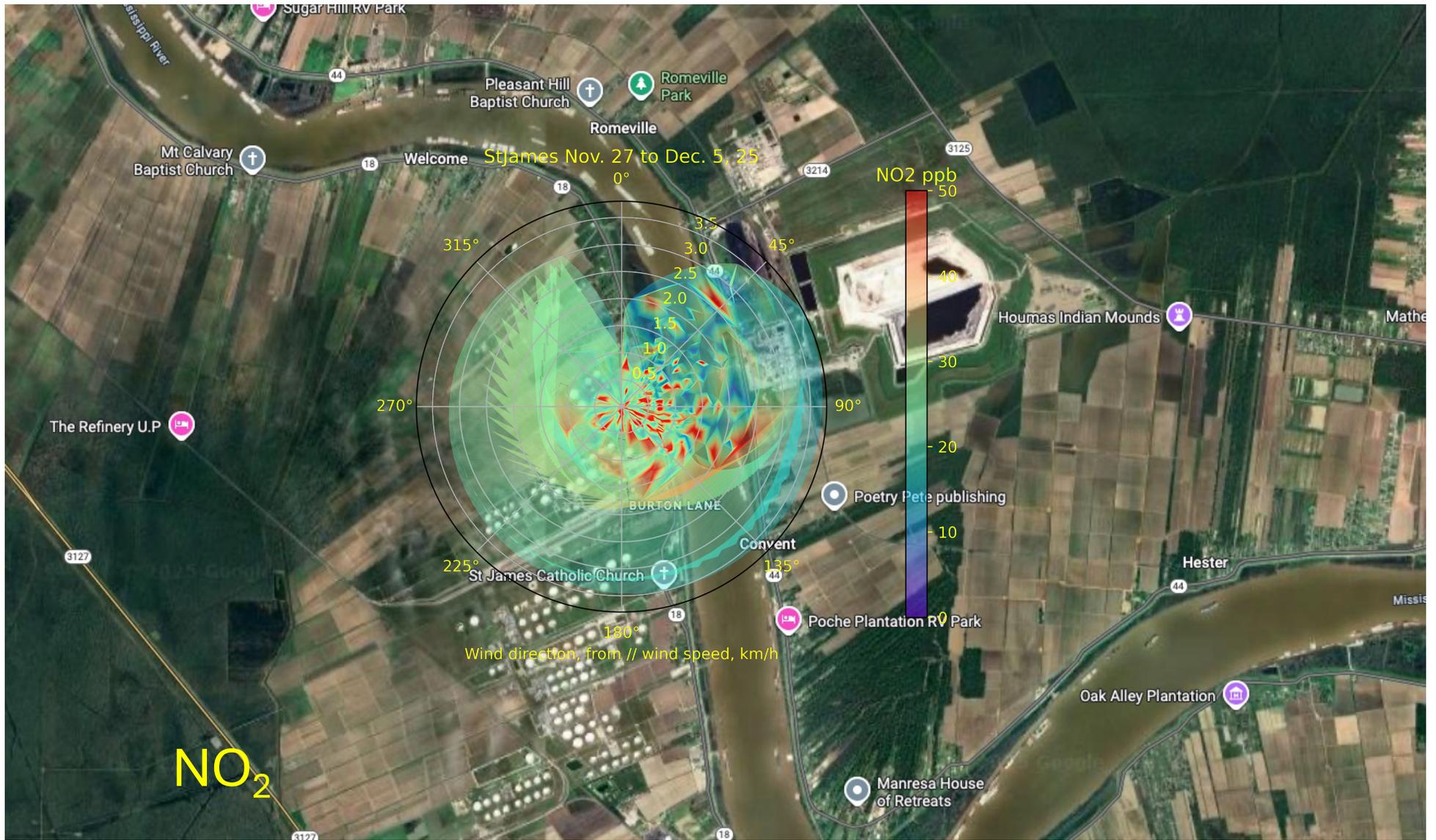
| ug/m3 | Mean | Median | Q1 | Q3 | Min | Max | # points |
|-------------|------|--------|------|------|------|------|----------|
| PM14 to 8 | -0.3 | -1.1 | -1.9 | 0.4 | -2.4 | 22.1 | 767 |
| PM18 to 11 | -0.9 | -1.3 | -2.0 | -0.2 | -2.4 | 2.1 | 96 |
| PM111 to 16 | -0.5 | -1.3 | -1.8 | 0.2 | -2.3 | 11.5 | 160 |
| PM116 to 19 | -0.4 | -1.2 | -1.9 | 0.2 | -2.4 | 13.2 | 96 |
| PM119 to 4 | 0.0 | -0.9 | -1.8 | 1.0 | -2.4 | 22.1 | 287 |

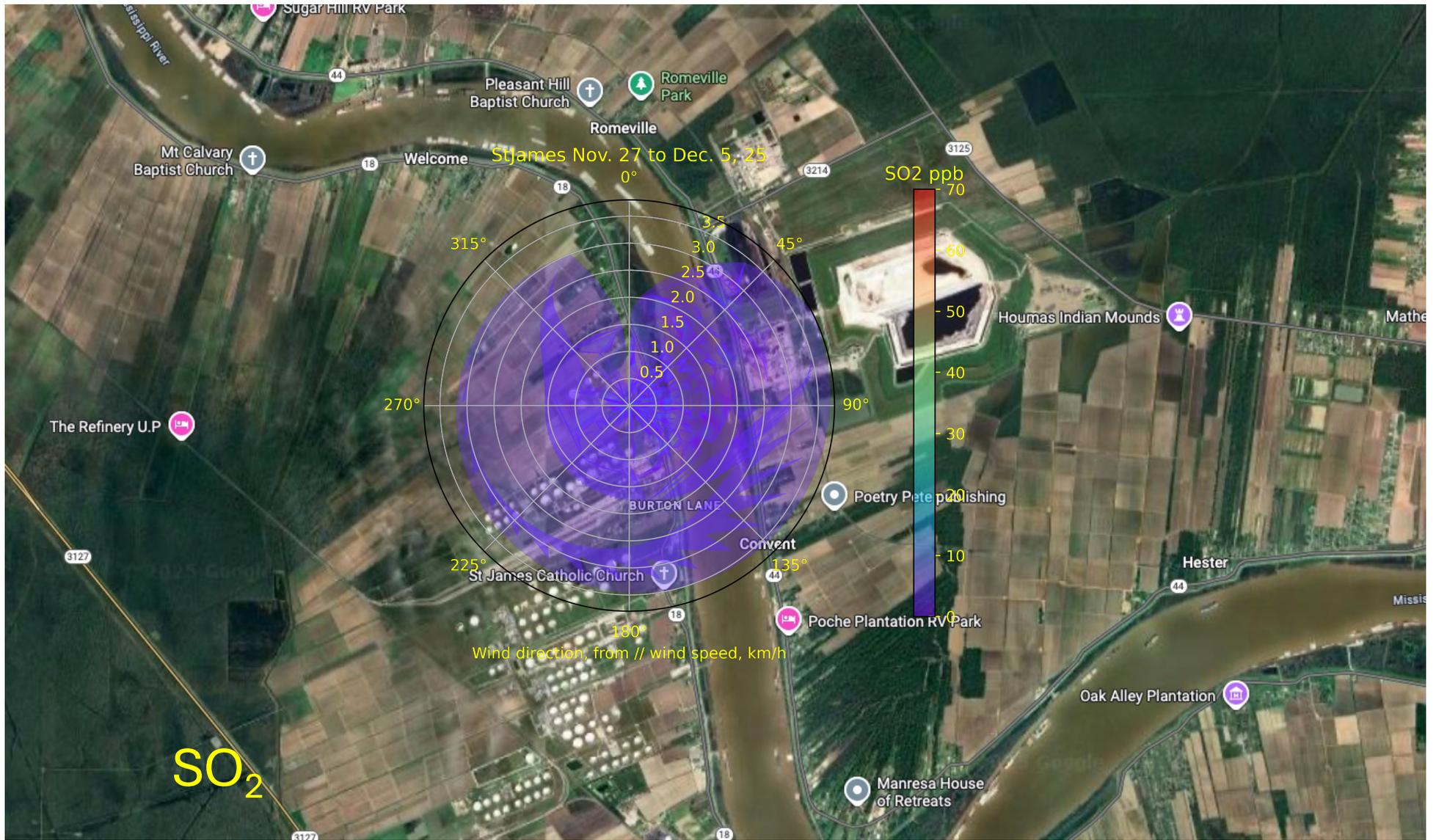
PM10 hourly distribution

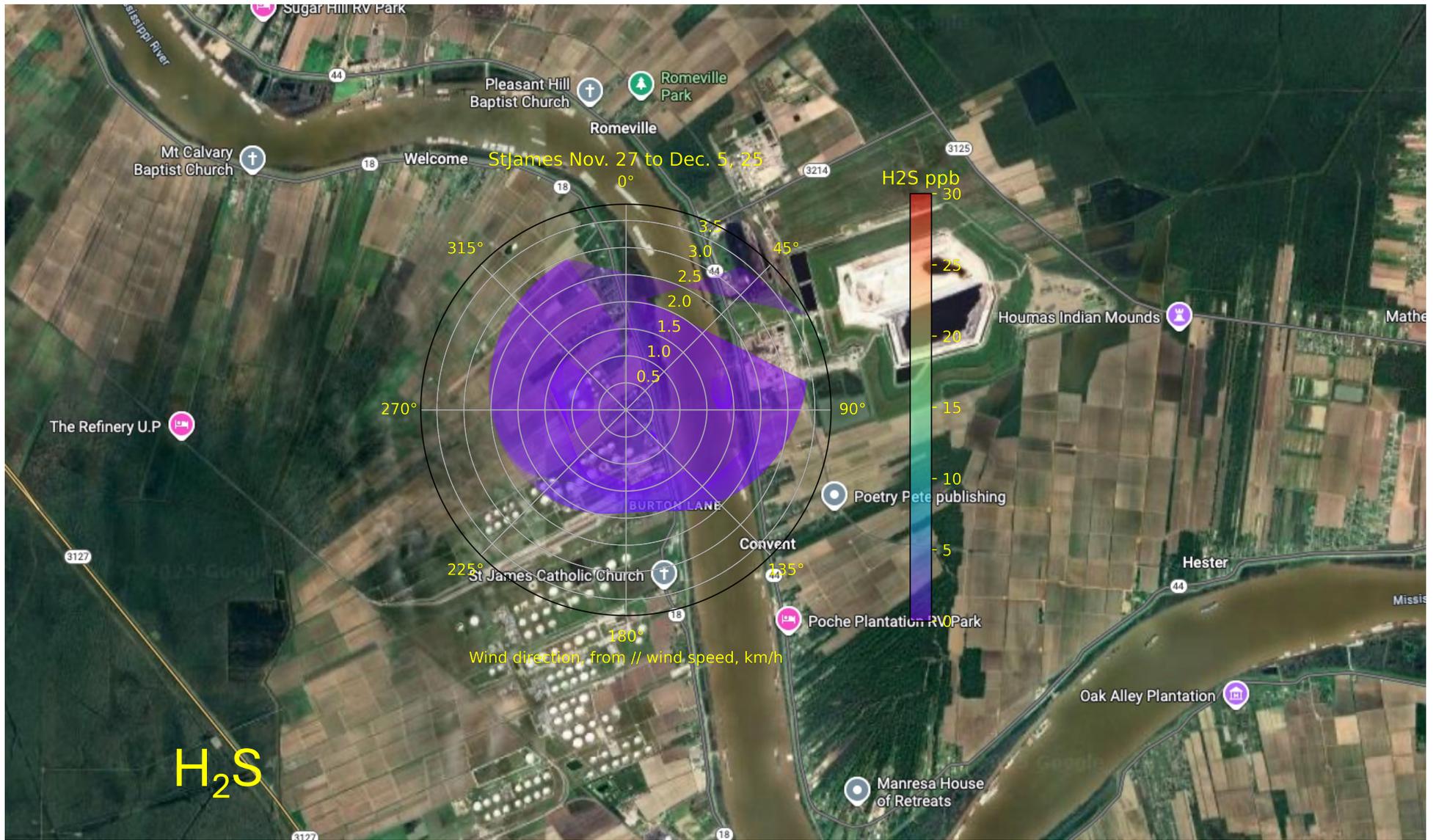


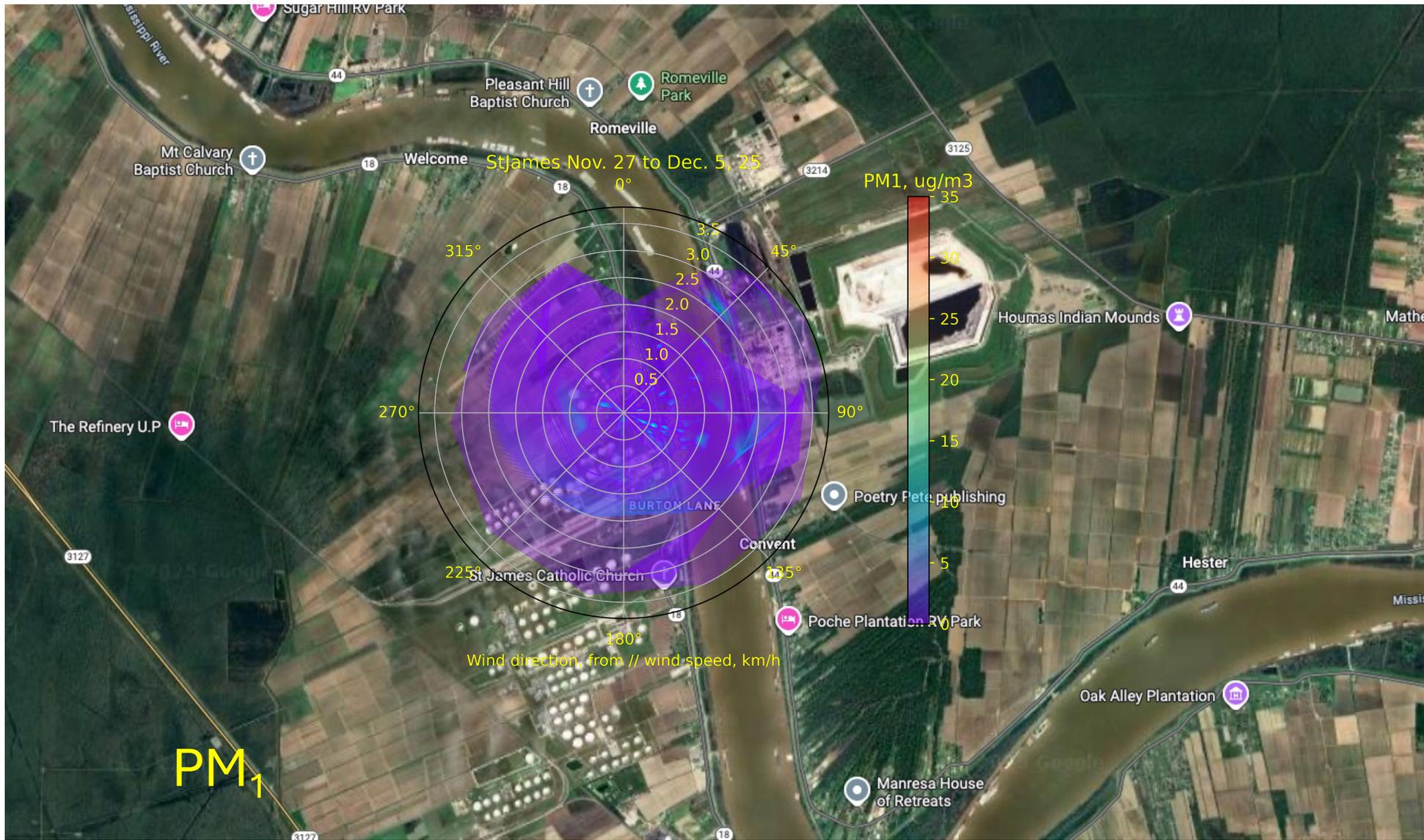
| ug/m3 | Mean | Median | Q1 | Q3 | Min | Max | # points |
|--------------|------|--------|-----|-----|-----|------|----------|
| PM104 to 8 | 5.4 | 4.2 | 2.7 | 6.5 | 1.4 | 57.8 | 767 |
| PM108 to 11 | 4.4 | 4.8 | 2.3 | 6.1 | 1.4 | 7.8 | 96 |
| PM1011 to 16 | 5.3 | 3.7 | 2.6 | 6.5 | 1.8 | 25.9 | 160 |
| PM1016 to 19 | 4.9 | 3.6 | 2.8 | 5.0 | 1.5 | 28.4 | 96 |
| PM1019 to 4 | 5.9 | 4.3 | 3.1 | 6.5 | 1.4 | 57.8 | 287 |

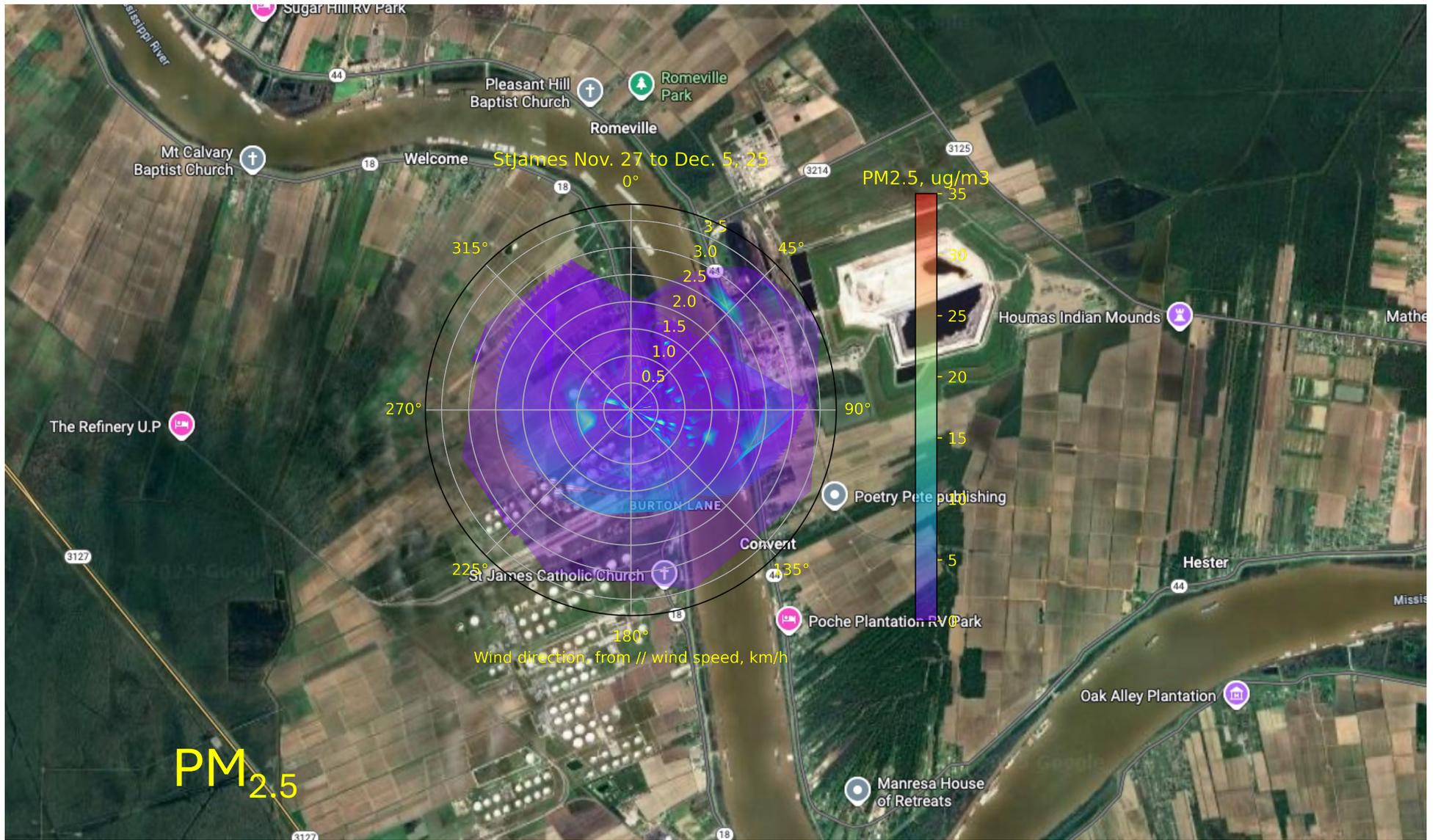
PM₁ data is not referenced and calibrated against regulatory monitor

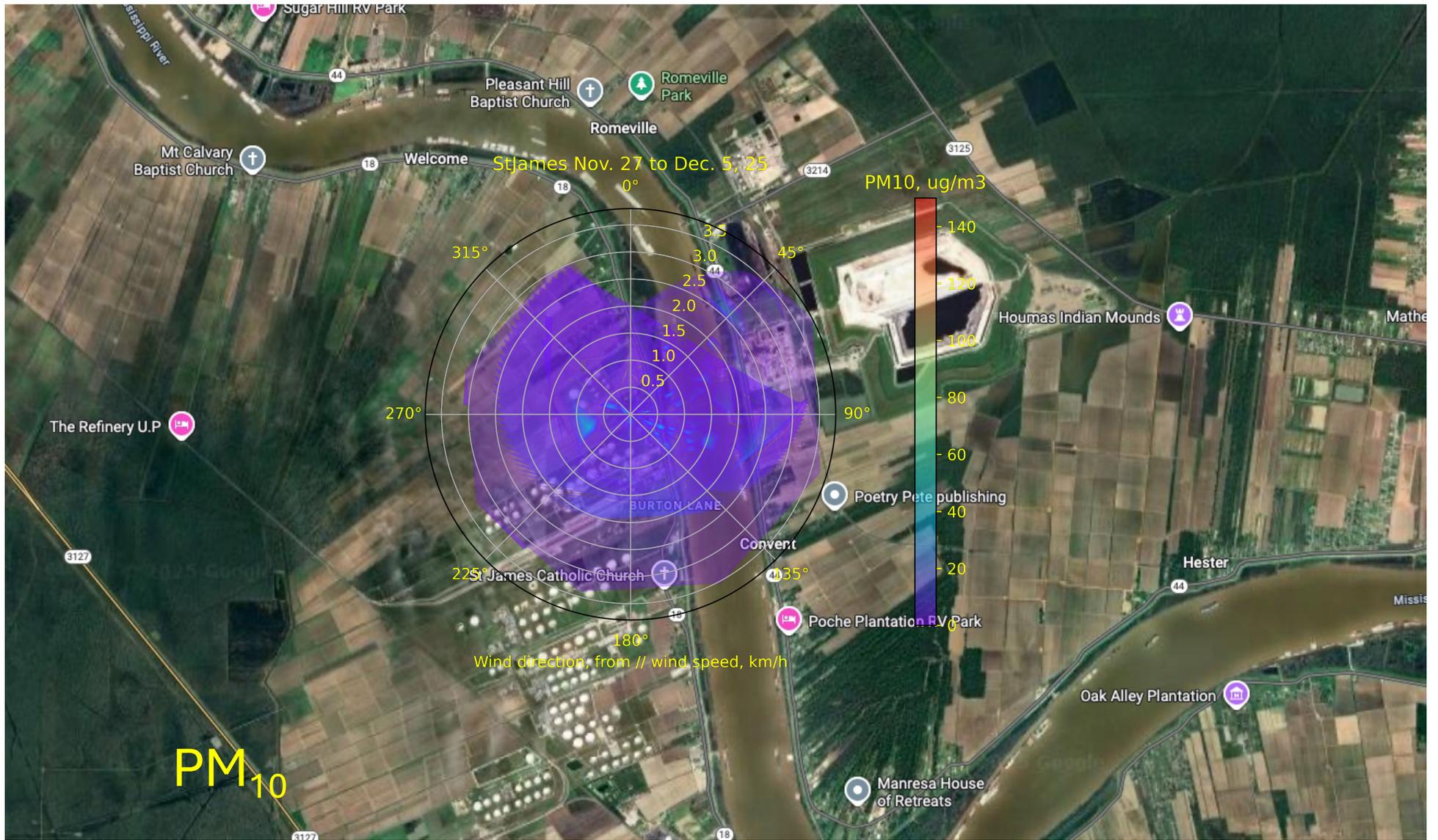














St. James POD 11/27-12/05

- Relatively calm week from air pollution perspective
- PM_{2.5} together with TVOCs pointing to East, South-East direction.
- NO₂ at times at high levels, pointing to South-East and North-East