

# St. James POD

June 26 – July 2, 2026

## *Disclaimer*

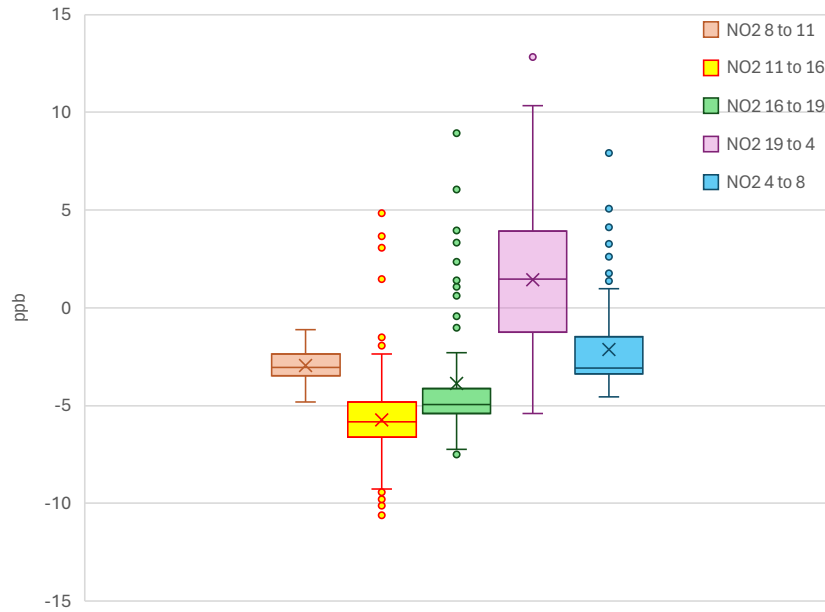
*The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



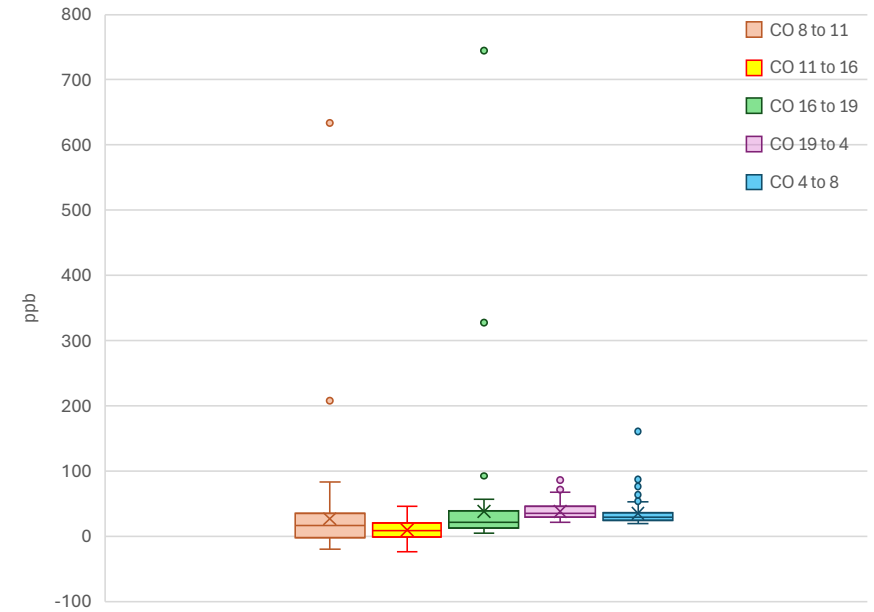
# Hourly concentration distribution

NO<sub>2</sub> hourly distribution



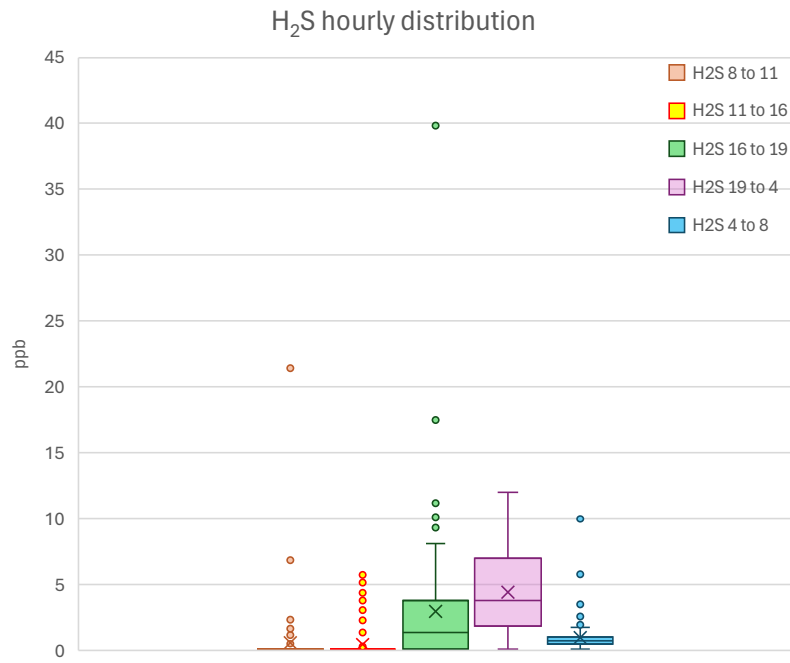
| ppb                      | Mean | Median | Q1   | Q3   | Min   | Max  | # points |
|--------------------------|------|--------|------|------|-------|------|----------|
| NO <sub>2</sub> 4 to 8   | -2.1 | -3.1   | -3.4 | -1.5 | -4.5  | 7.9  | 112      |
| NO <sub>2</sub> 8 to 11  | -3.0 | -3.1   | -3.5 | -2.3 | -4.8  | -1.1 | 84       |
| NO <sub>2</sub> 11 to 16 | -5.7 | -5.8   | -6.6 | -4.8 | -10.6 | 4.8  | 140      |
| NO <sub>2</sub> 16 to 19 | -3.9 | -4.9   | -5.4 | -4.1 | -7.5  | 8.9  | 84       |
| NO <sub>2</sub> 19 to 4  | 1.4  | 1.5    | -1.4 | 4.0  | -5.4  | 12.8 | 252      |

CO hourly distribution

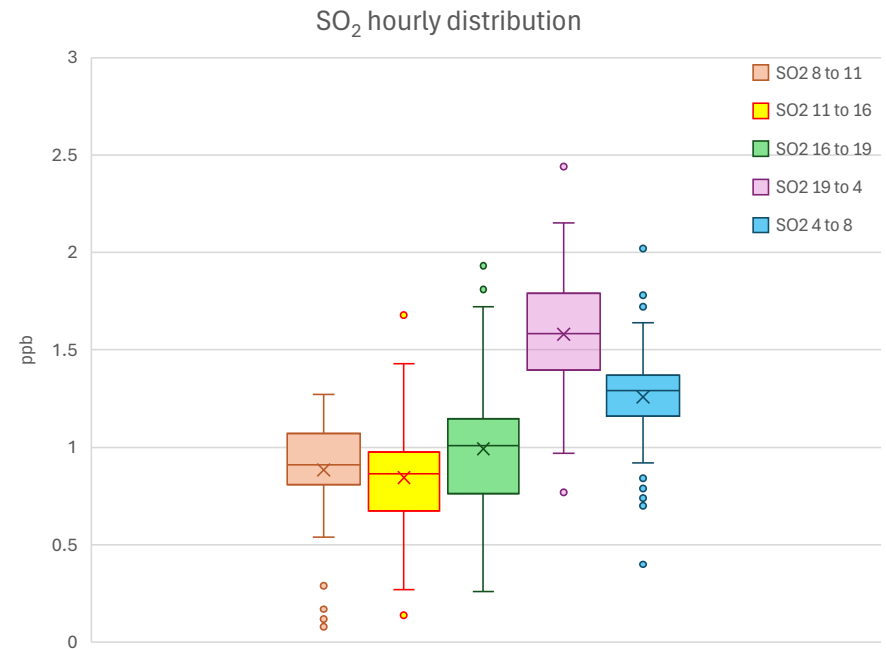


| ppb         | Mean | Median | Q1   | Q3   | Min   | Max   | # points |
|-------------|------|--------|------|------|-------|-------|----------|
| CO 4 to 8   | 35.3 | 28.7   | 24.3 | 35.8 | 19.2  | 160.3 | 112      |
| CO 8 to 11  | 26.7 | 16.4   | -2.2 | 35.5 | -20.2 | 634.1 | 84       |
| CO 11 to 16 | 9.5  | 8.2    | -1.0 | 20.0 | -23.9 | 46.1  | 140      |
| CO 16 to 19 | 37.9 | 21.8   | 12.4 | 38.7 | 4.4   | 744.5 | 84       |
| CO 19 to 4  | 38.3 | 35.3   | 29.0 | 45.6 | 21.0  | 94.4  | 252      |

# Hourly concentration distribution



| ppb                       | Mean | Median | Q1  | Q3  | Min | Max  | # points |
|---------------------------|------|--------|-----|-----|-----|------|----------|
| H <sub>2</sub> S 4 to 8   | 1.0  | 0.7    | 0.5 | 1.0 | 0.1 | 10.0 | 112      |
| H <sub>2</sub> S 8 to 11  | 0.6  | 0.1    | 0.1 | 0.1 | 0.1 | 21.4 | 84       |
| H <sub>2</sub> S 11 to 16 | 0.5  | 0.1    | 0.1 | 0.1 | 0.1 | 6.1  | 140      |
| H <sub>2</sub> S 16 to 19 | 3.0  | 1.4    | 0.1 | 3.8 | 0.1 | 39.8 | 84       |
| H <sub>2</sub> S 19 to 4  | 4.4  | 3.8    | 1.9 | 7.0 | 0.1 | 12.0 | 252      |



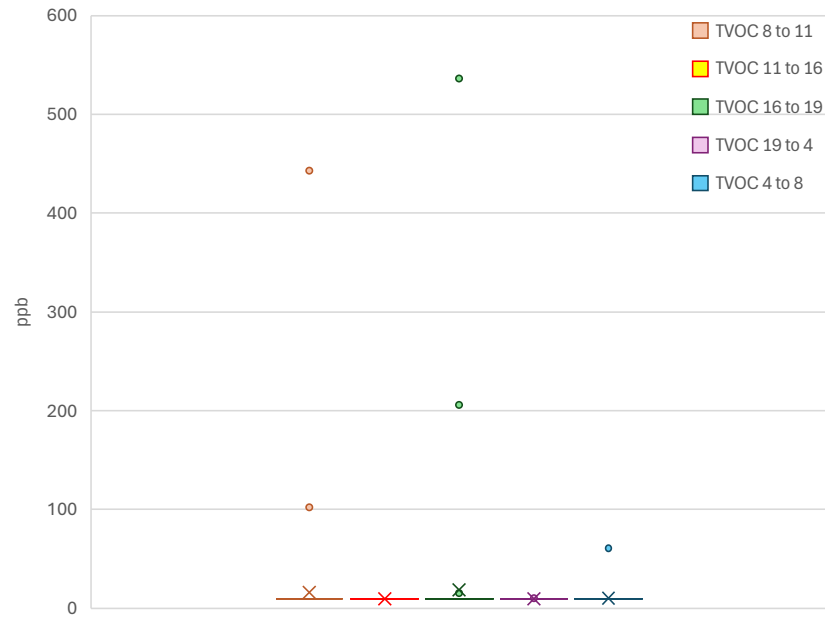
| ppb                      | Mean | Median | Q1  | Q3  | Min | Max | # points |
|--------------------------|------|--------|-----|-----|-----|-----|----------|
| SO <sub>2</sub> 4 to 8   | 1.3  | 1.3    | 1.2 | 1.4 | 0.4 | 2.0 | 112      |
| SO <sub>2</sub> 8 to 11  | 0.9  | 0.9    | 0.8 | 1.1 | 0.1 | 1.3 | 84       |
| SO <sub>2</sub> 11 to 16 | 0.8  | 0.9    | 0.7 | 1.0 | 0.1 | 1.7 | 140      |
| SO <sub>2</sub> 16 to 19 | 1.0  | 1.0    | 0.8 | 1.1 | 0.3 | 1.9 | 84       |
| SO <sub>2</sub> 19 to 4  | 1.6  | 1.6    | 1.4 | 1.8 | 0.8 | 2.4 | 252      |

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



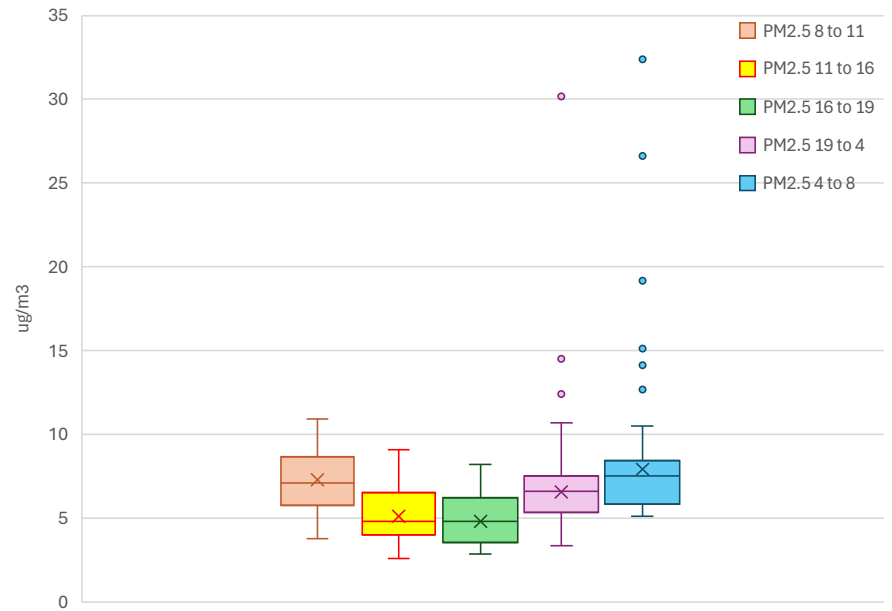
# Hourly concentration distribution

TVOC hourly distribution



| ppb           | Mean | Median | Q1  | Q3  | Min | Max   | # points |
|---------------|------|--------|-----|-----|-----|-------|----------|
| TVOC 4 to 8   | 10.2 | 9.8    | 9.8 | 9.8 | 9.8 | 60.6  | 112      |
| TVOC 8 to 11  | 16.0 | 9.8    | 9.8 | 9.8 | 9.8 | 442.8 | 84       |
| TVOC 11 to 16 | 9.8  | 9.8    | 9.8 | 9.8 | 9.8 | 9.8   | 140      |
| TVOC 16 to 19 | 18.5 | 9.8    | 9.8 | 9.8 | 9.8 | 536.2 | 84       |
| TVOC 19 to 4  | 9.8  | 9.8    | 9.8 | 9.8 | 9.8 | 10.3  | 252      |

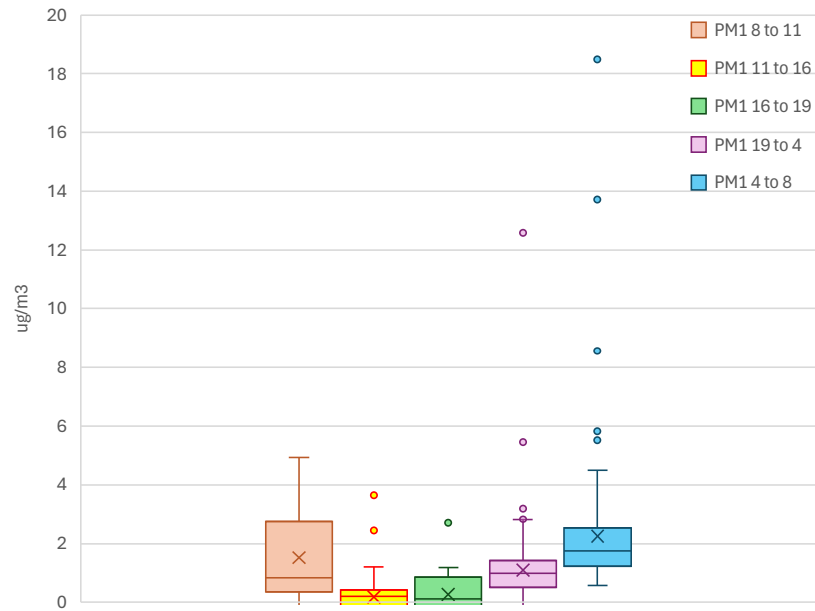
PM<sub>2.5</sub> hourly distribution



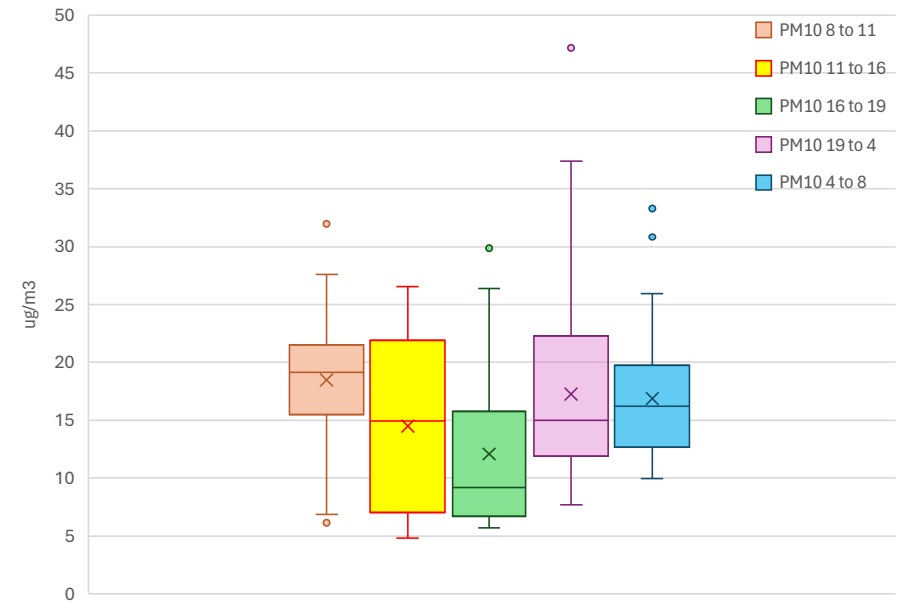
| ug/m <sup>3</sup>          | Mean | Median | Q1  | Q3  | Min | Max  | # points |
|----------------------------|------|--------|-----|-----|-----|------|----------|
| PM <sub>2.5</sub> 4 to 8   | 7.9  | 7.5    | 5.9 | 8.4 | 5.1 | 32.4 | 112      |
| PM <sub>2.5</sub> 8 to 11  | 7.3  | 7.1    | 5.8 | 8.7 | 3.8 | 10.9 | 82       |
| PM <sub>2.5</sub> 11 to 16 | 5.1  | 4.8    | 4.0 | 6.5 | 2.6 | 9.1  | 71       |
| PM <sub>2.5</sub> 16 to 19 | 4.8  | 4.8    | 3.6 | 6.3 | 2.9 | 8.2  | 27       |
| PM <sub>2.5</sub> 19 to 4  | 6.6  | 6.6    | 5.3 | 7.5 | 3.4 | 30.2 | 248      |

# Hourly concentration distribution

PM<sub>1</sub> hourly distribution



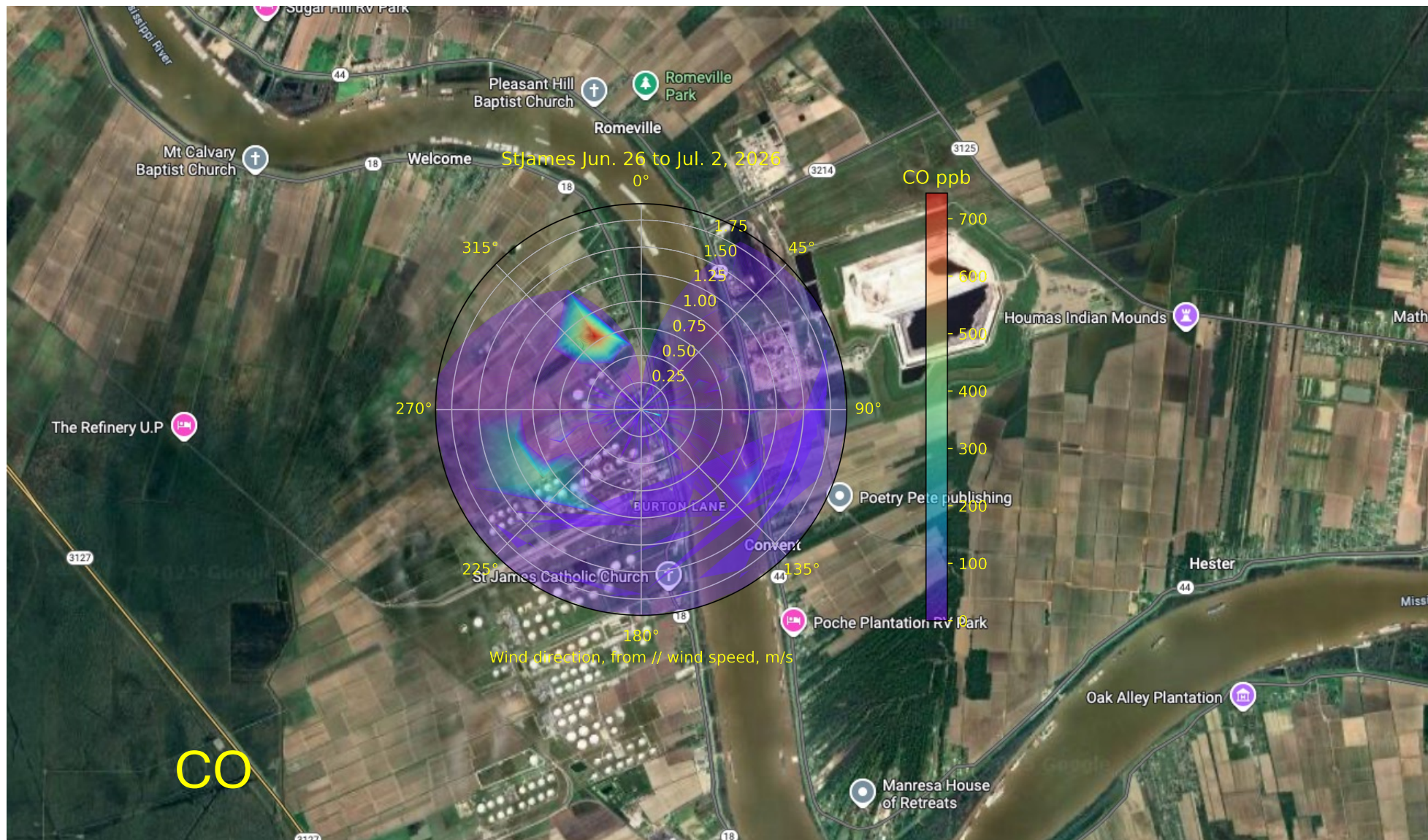
PM<sub>10</sub> hourly distribution



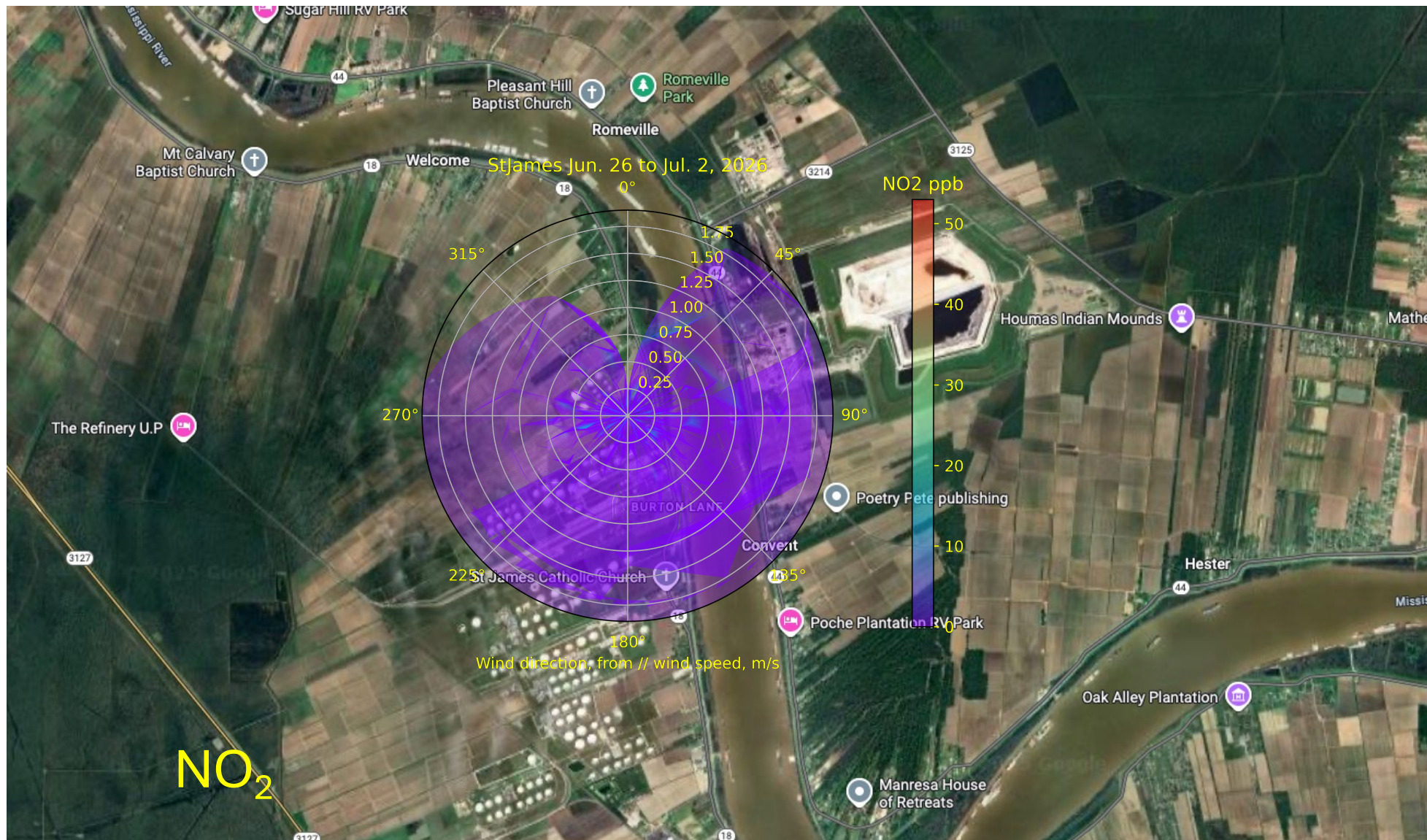
| ug/m <sup>3</sup>        | Mean | Median | Q1   | Q3  | Min  | Max  | # points |
|--------------------------|------|--------|------|-----|------|------|----------|
| PM <sub>1</sub> 4 to 8   | 2.2  | 1.7    | 1.2  | 2.5 | 0.6  | 18.5 | 112      |
| PM <sub>1</sub> 8 to 11  | 1.5  | 0.8    | 0.4  | 2.8 | -0.4 | 4.9  | 82       |
| PM <sub>1</sub> 11 to 16 | 0.2  | 0.2    | -0.3 | 0.4 | -0.6 | 3.6  | 71       |
| PM <sub>1</sub> 16 to 19 | 0.3  | 0.1    | -0.2 | 0.9 | -0.9 | 2.7  | 27       |
| PM <sub>1</sub> 19 to 4  | 1.1  | 1.0    | 0.5  | 1.4 | -0.9 | 12.6 | 248      |

| ug/m <sup>3</sup>         | Mean | Median | Q1   | Q3   | Min  | Max  | # points |
|---------------------------|------|--------|------|------|------|------|----------|
| PM <sub>10</sub> 4 to 8   | 16.9 | 16.2   | 12.7 | 19.8 | 10.0 | 33.3 | 112      |
| PM <sub>10</sub> 8 to 11  | 18.5 | 19.1   | 15.5 | 21.5 | 6.1  | 32.0 | 82       |
| PM <sub>10</sub> 11 to 16 | 14.5 | 14.9   | 7.1  | 21.9 | 4.8  | 26.5 | 71       |
| PM <sub>10</sub> 16 to 19 | 12.1 | 9.2    | 6.7  | 15.8 | 5.7  | 29.9 | 27       |
| PM <sub>10</sub> 19 to 4  | 17.3 | 15.0   | 11.9 | 22.3 | 7.7  | 47.2 | 248      |

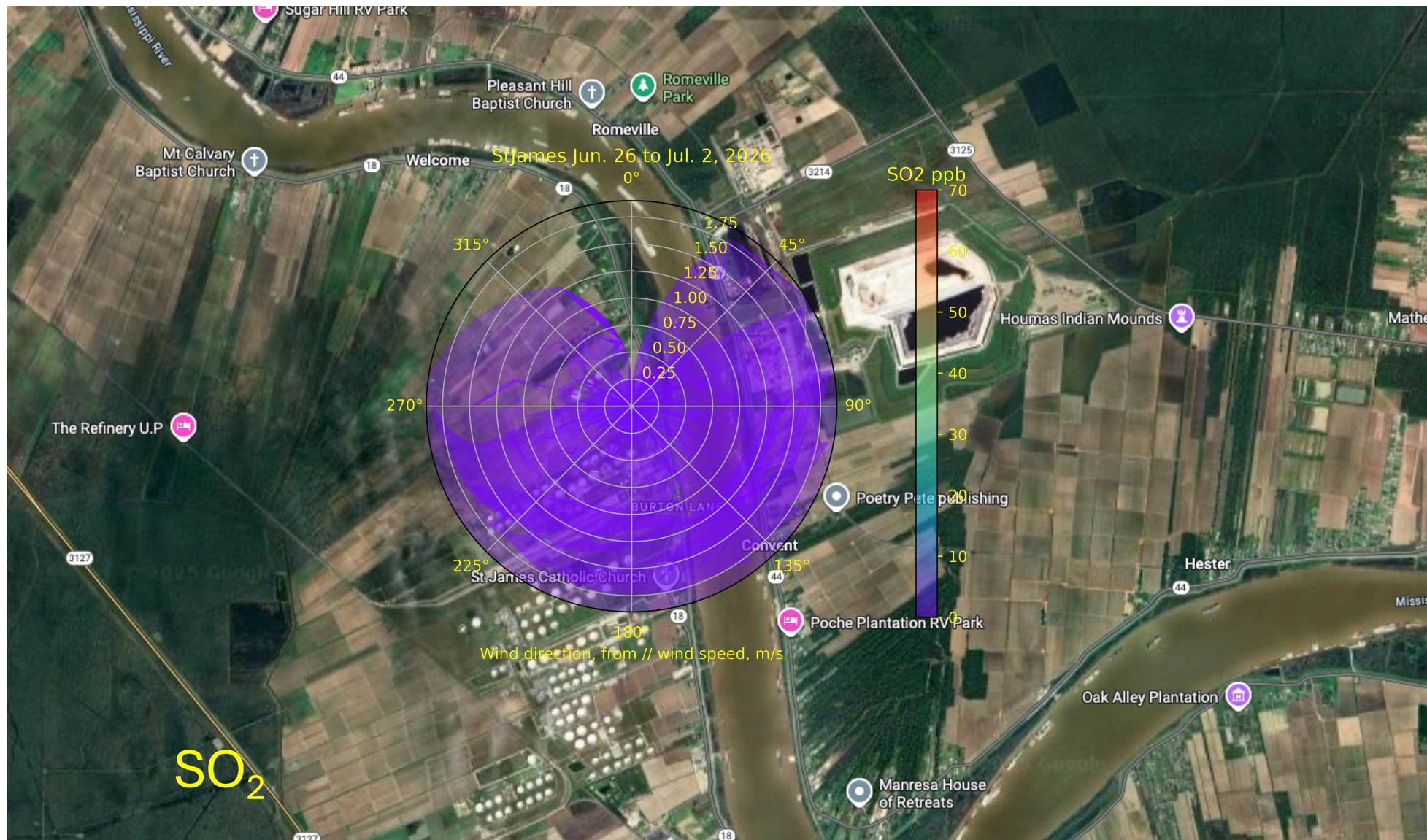
PM<sub>1</sub> data is not referenced and calibrated against regulatory monitor











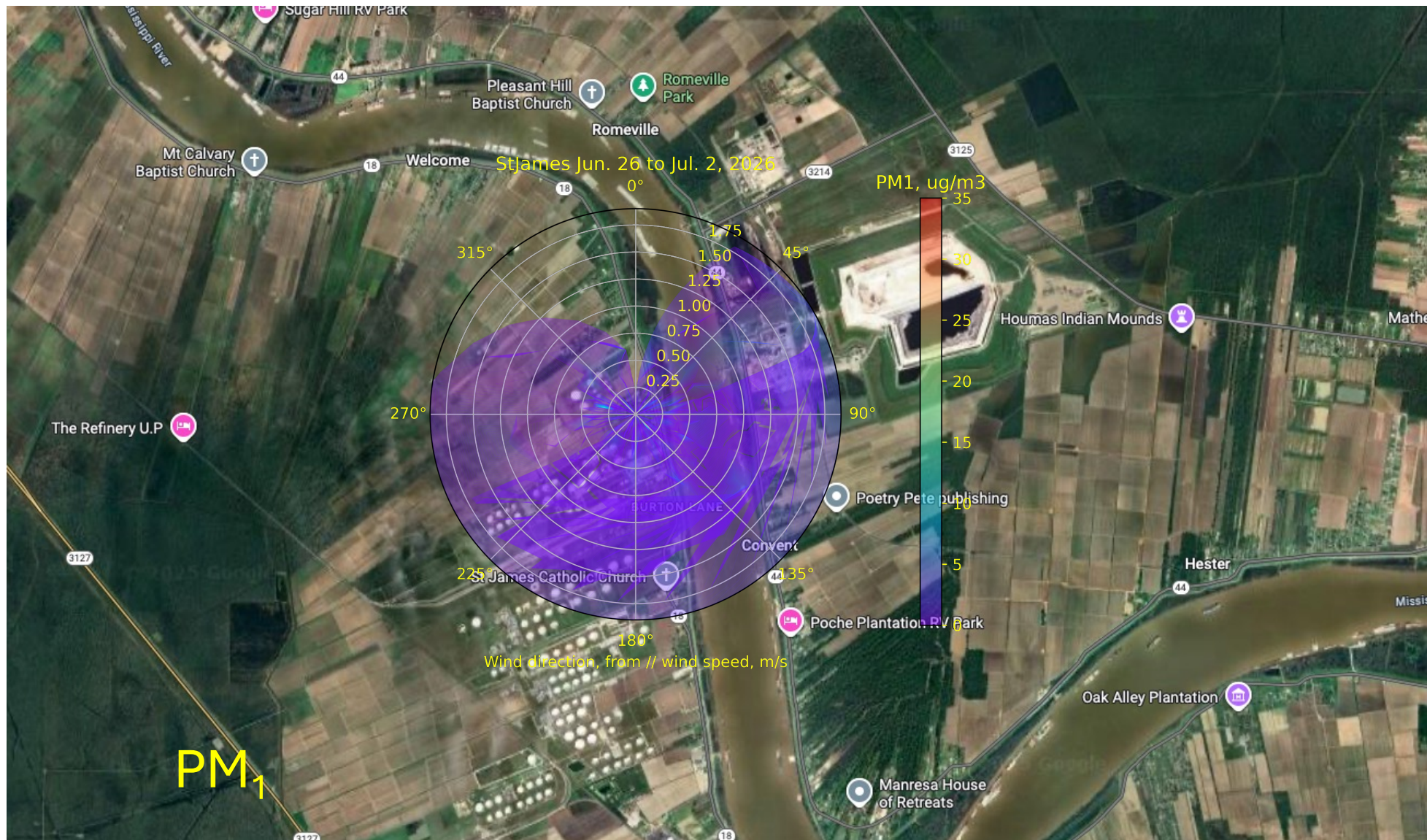
























# St. James POD

## 6/26-7/2

- No major events. Occasional spikes of TVOCs