

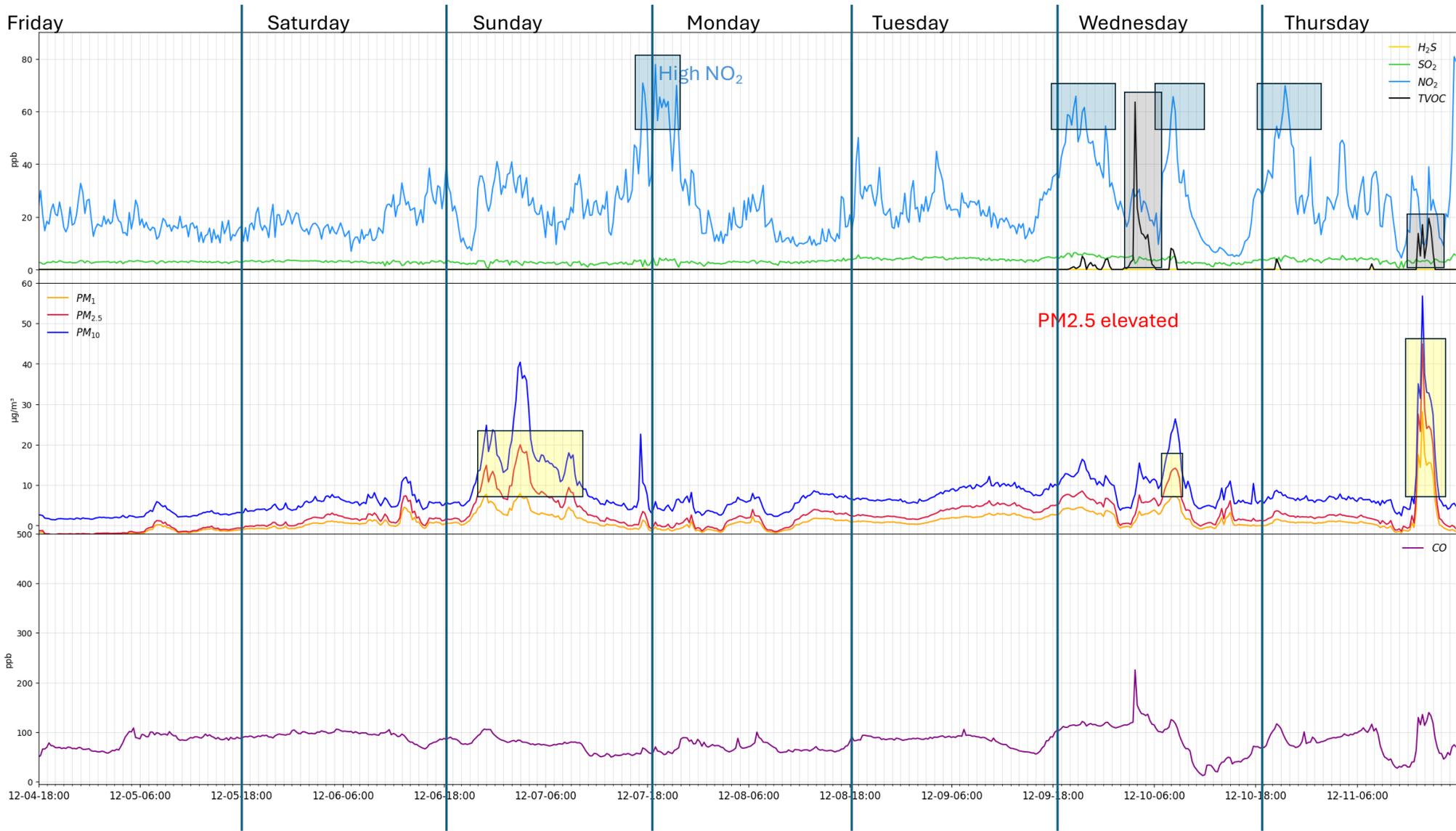
St. James POD

December 5 – December 11, 2025

Disclaimer

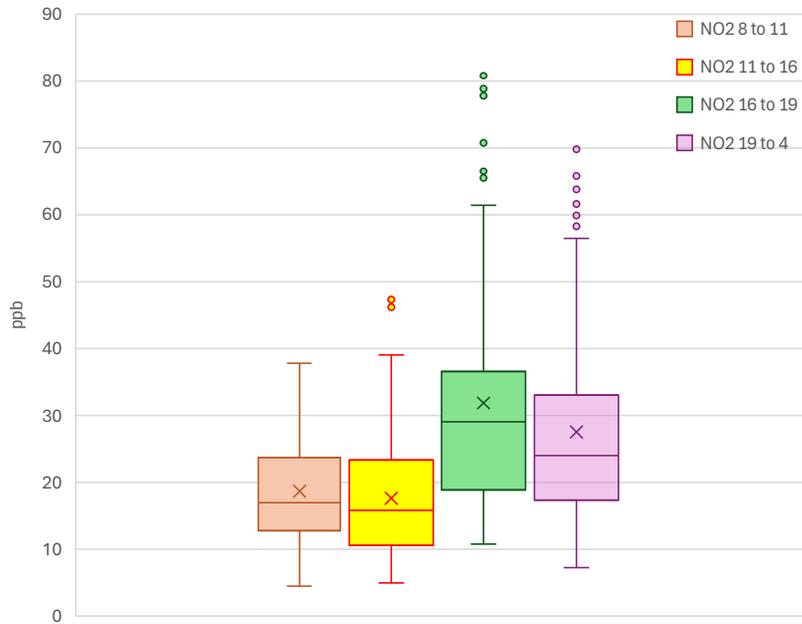
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



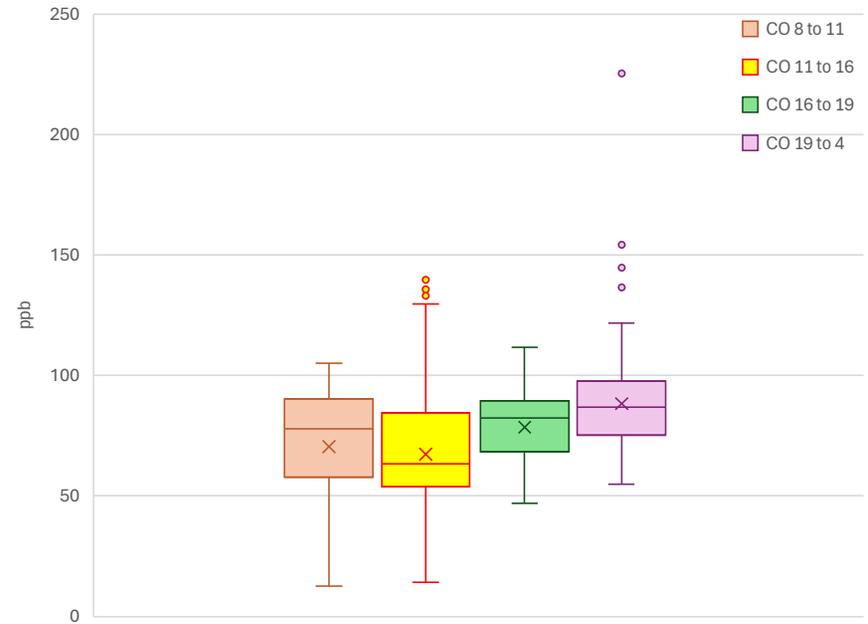
Hourly concentration distribution

NO2 hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO2 4 to 8	24.0	21.2	15.6	29.0	4.4	80.8	672
NO2 8 to 11	18.7	17.0	12.8	23.8	4.4	37.8	84
NO2 11 to 16	17.6	15.8	10.6	23.3	5.0	47.3	140
NO2 16 to 19	31.9	29.1	18.9	36.6	10.8	80.8	84
NO2 19 to 4	27.5	24.0	17.4	33.1	7.2	69.9	252

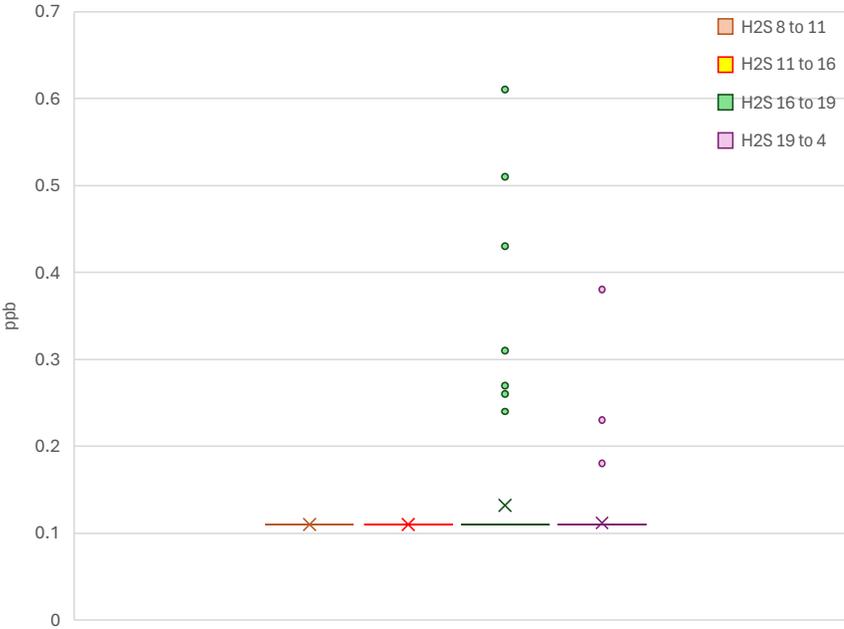
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	81.3	83.7	66.8	94.7	12.5	225.4	672
CO 8 to 11	70.4	77.9	57.7	90.3	12.5	105.2	84
CO 11 to 16	67.3	63.3	53.7	84.5	14.1	139.6	140
CO 16 to 19	78.5	82.2	68.2	89.5	47.0	111.7	84
CO 19 to 4	88.3	86.9	75.2	97.8	54.9	225.4	252

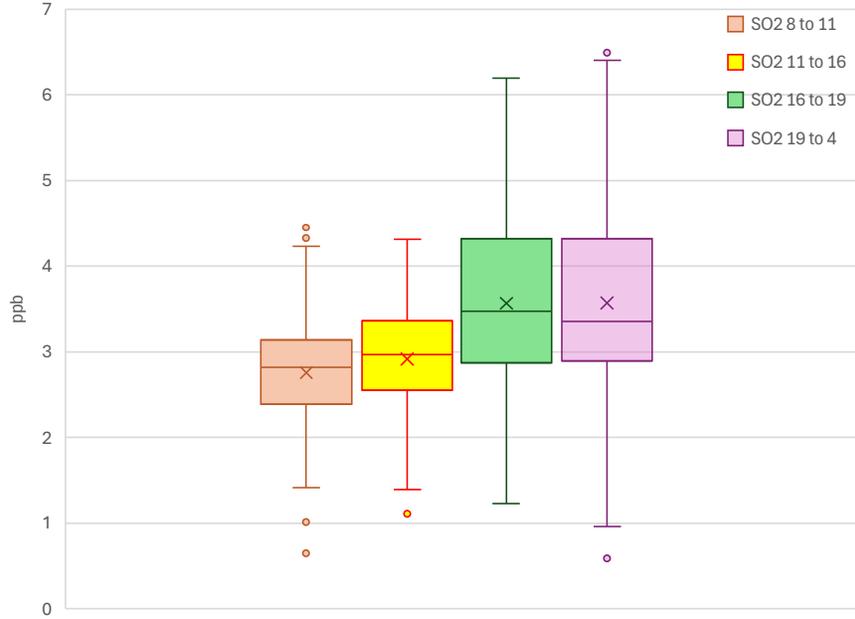
Hourly concentration distribution

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	0.6	672
H2S 8 to 11	0.1	0.1	0.1	0.1	0.1	0.1	84
H2S 11 to 16	0.1	0.1	0.1	0.1	0.1	0.1	140
H2S 16 to 19	0.1	0.1	0.1	0.1	0.1	0.6	84
H2S 19 to 4	0.1	0.1	0.1	0.1	0.1	0.4	252

SO2 hourly distribution

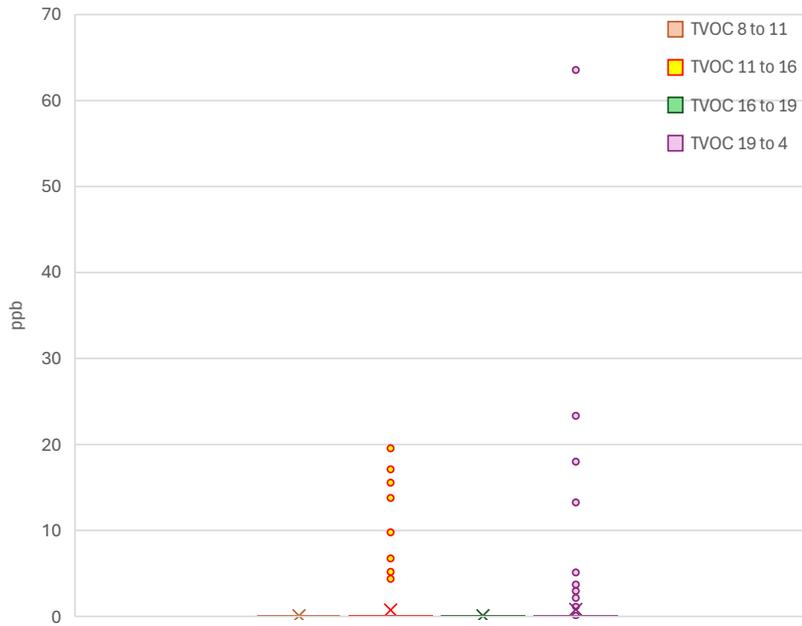


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO2 4 to 8	3.3	3.2	2.8	3.9	0.6	6.5	672
SO2 8 to 11	2.8	2.8	2.4	3.1	0.7	4.5	84
SO2 11 to 16	2.9	3.0	2.6	3.4	1.1	4.3	140
SO2 16 to 19	3.6	3.5	2.9	4.3	1.2	6.2	84
SO2 19 to 4	3.6	3.4	2.9	4.3	0.6	6.5	252

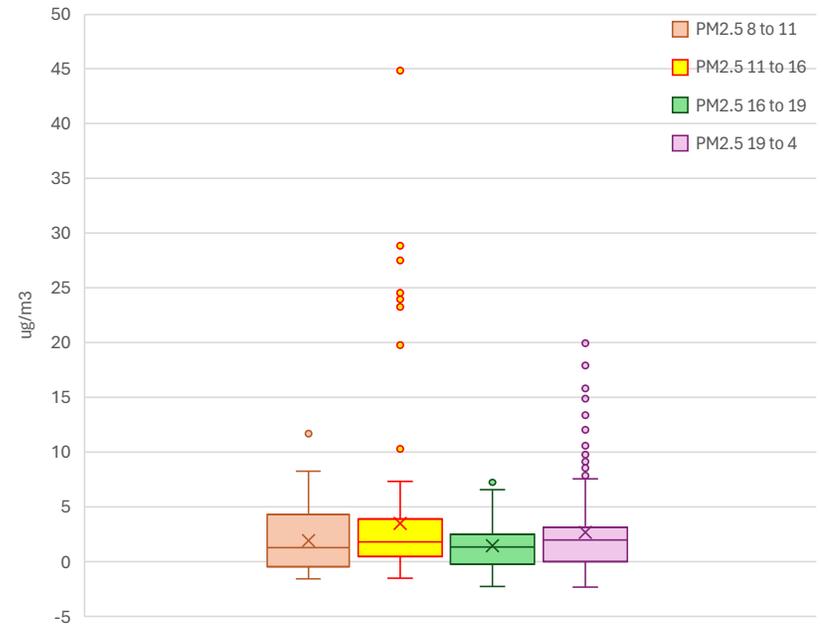
H₂S data is not referenced and calibrated against regulatory monitor

Hourly concentration distribution

TVOC hourly distribution



PM2.5 hourly distribution

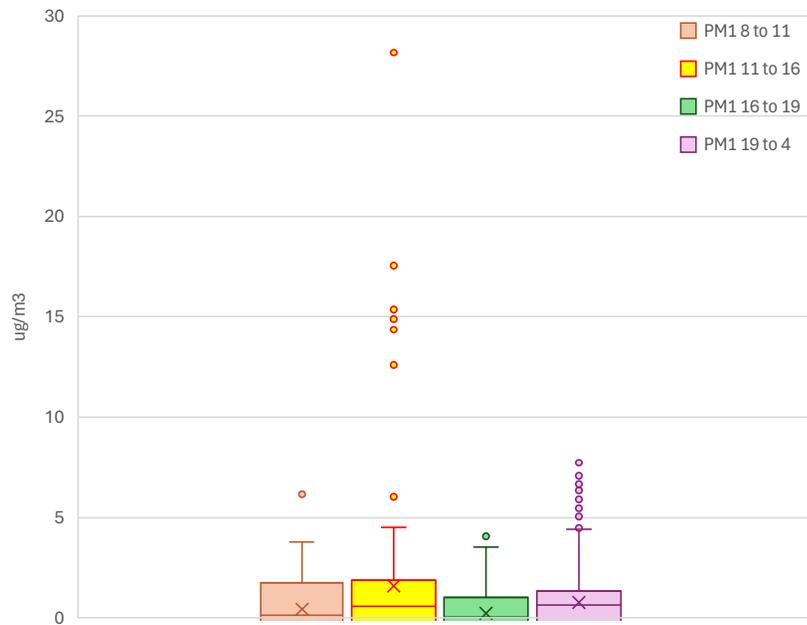


ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	0.6	0.1	0.1	0.1	0.1	63.6	672
TVOC 8 to 11	0.1	0.1	0.1	0.1	0.1	0.1	84
TVOC 11 to 16	0.8	0.1	0.1	0.1	0.1	19.5	140
TVOC 16 to 19	0.1	0.1	0.1	0.1	0.1	0.1	84
TVOC 19 to 4	0.8	0.1	0.1	0.1	0.1	63.6	252

ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM2.5 4 to 8	2.7	1.9	0.1	4.0	-2.3	44.9	672
PM2.5 8 to 11	1.9	1.3	-0.4	4.3	-1.6	11.7	84
PM2.5 11 to 16	3.5	1.8	0.5	3.9	-1.5	44.9	140
PM2.5 16 to 19	1.5	1.3	-0.2	2.5	-2.3	7.7	84
PM2.5 19 to 4	2.7	2.0	0.0	3.2	-2.3	20.0	252

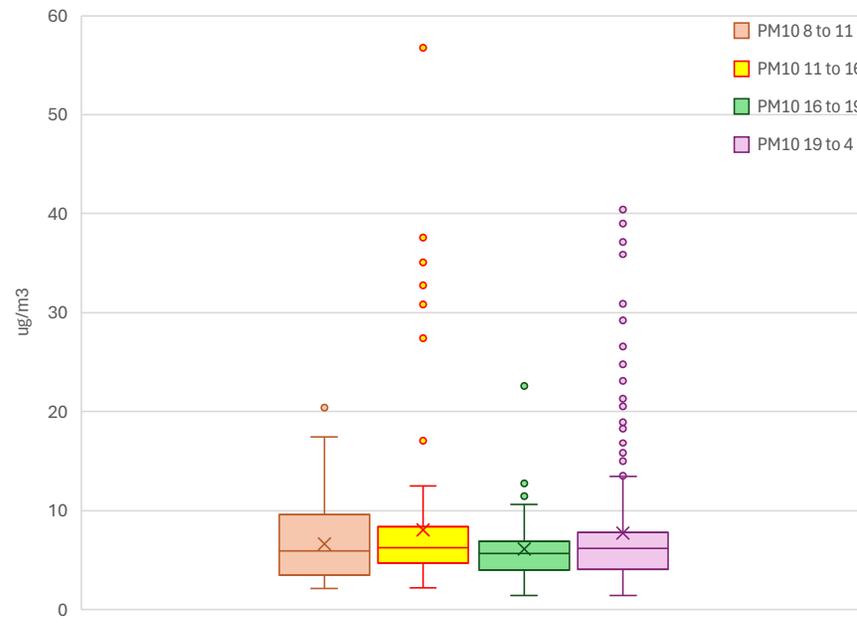
Hourly concentration distribution

PM1 hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM1 4 to 8	0.9	0.6	-0.7	1.8	-2.4	28.2	672
PM1 8 to 11	0.4	0.1	-1.1	1.7	-1.8	6.2	84
PM1 11 to 16	1.6	0.6	-0.5	1.9	-1.8	28.2	140
PM1 16 to 19	0.2	0.0	-1.0	1.0	-2.4	4.3	84
PM1 19 to 4	0.8	0.6	-0.7	1.4	-2.4	7.9	252

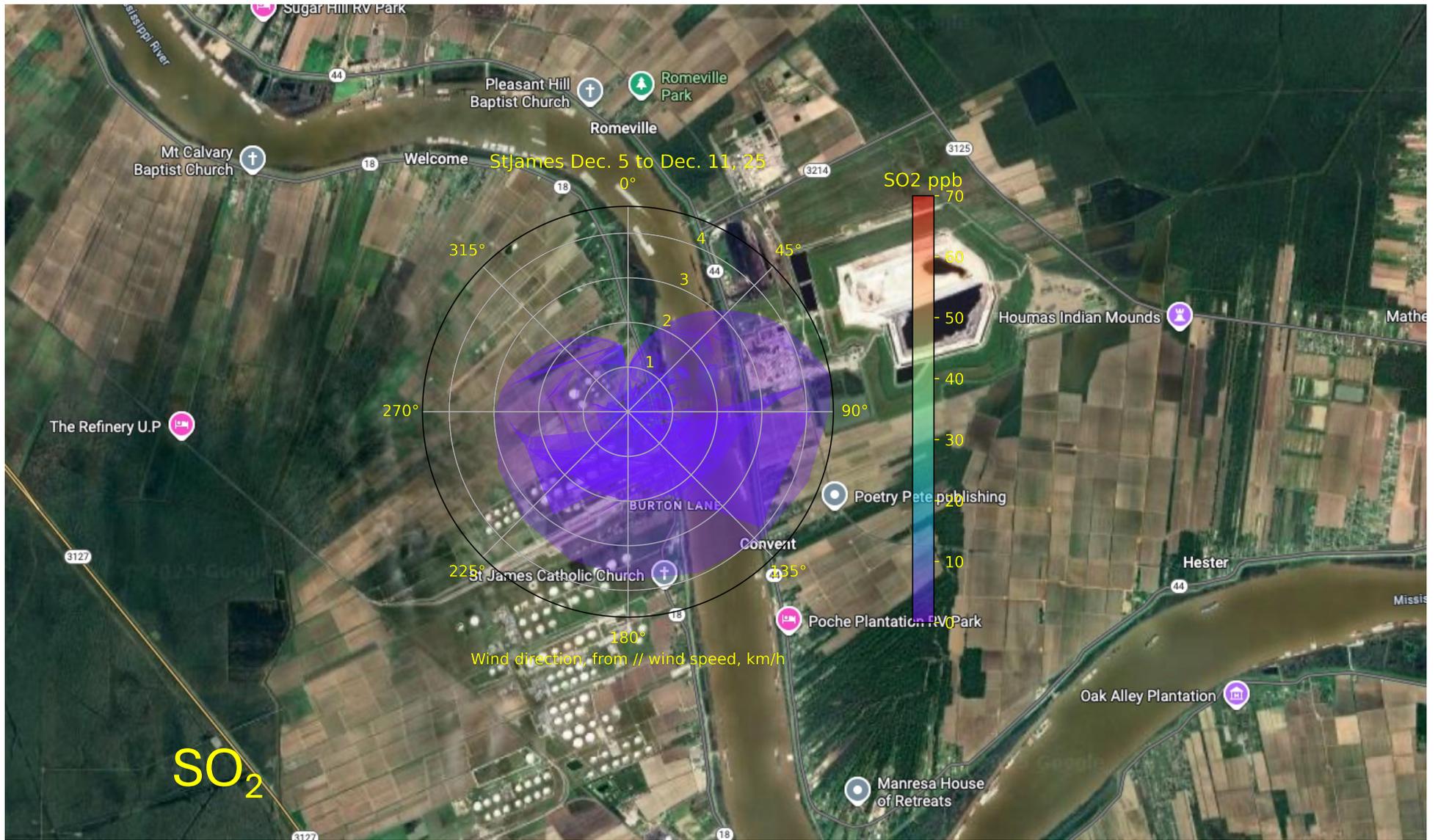
PM10 hourly distribution

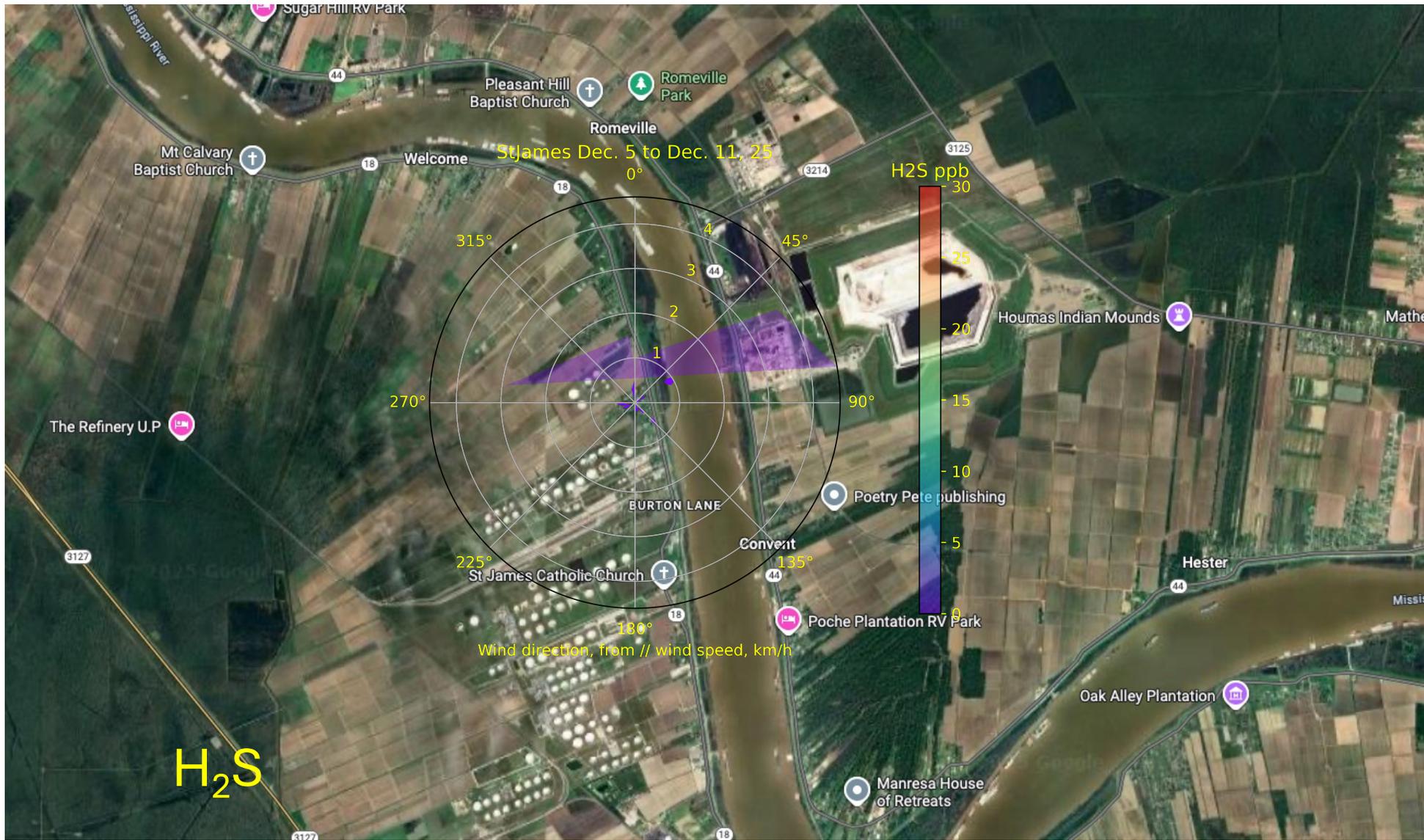


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM10 4 to 8	7.6	6.2	4.3	9.0	1.4	56.8	672
PM10 8 to 11	6.7	6.0	3.5	9.6	2.1	20.4	84
PM10 11 to 16	8.1	6.3	4.7	8.4	2.2	56.8	140
PM10 16 to 19	6.1	5.7	4.0	6.9	1.5	22.6	84
PM10 19 to 4	7.8	6.2	4.0	7.8	1.4	40.4	252

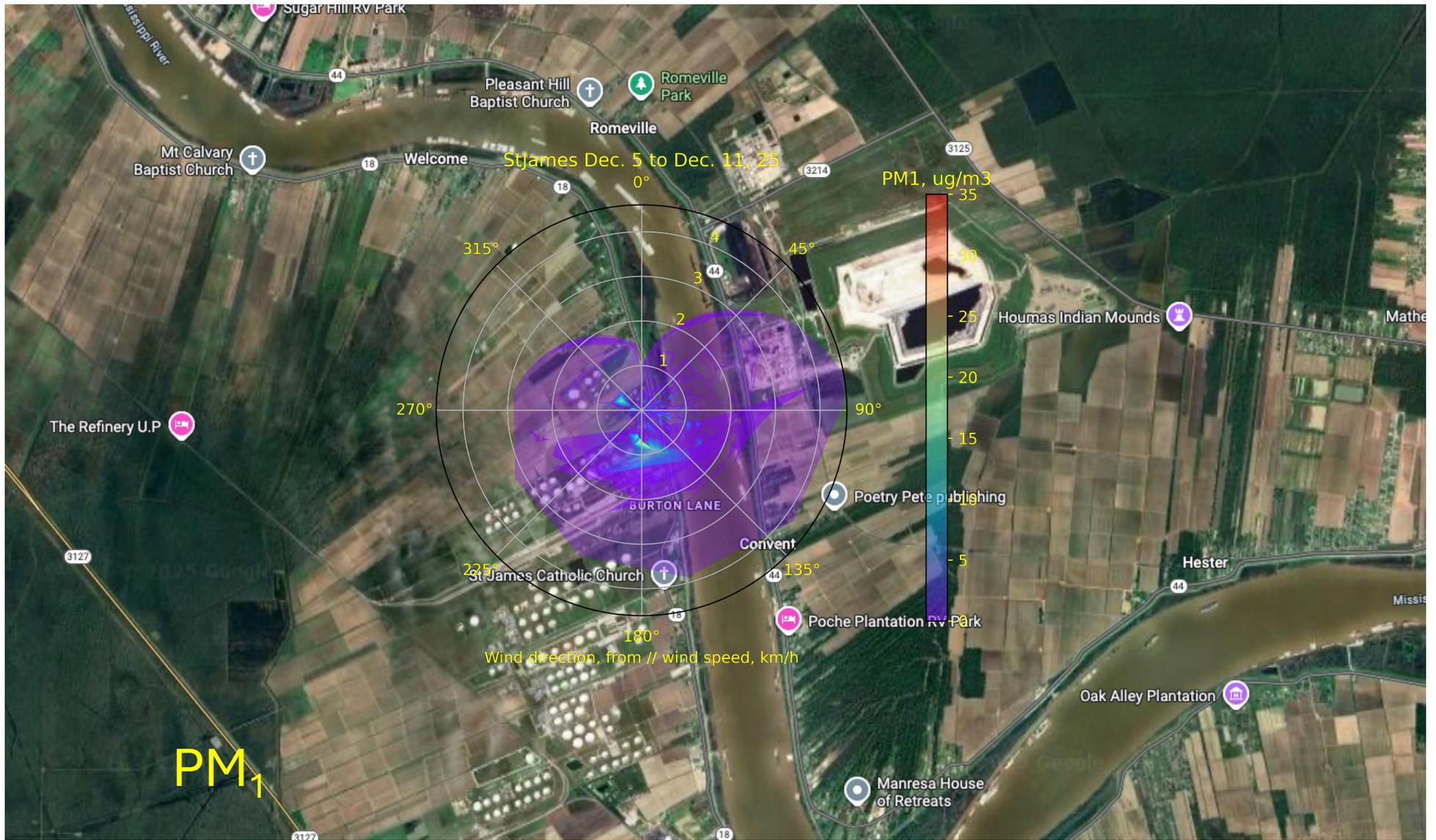
PM₁ data is not referenced and calibrated against regulatory monitor

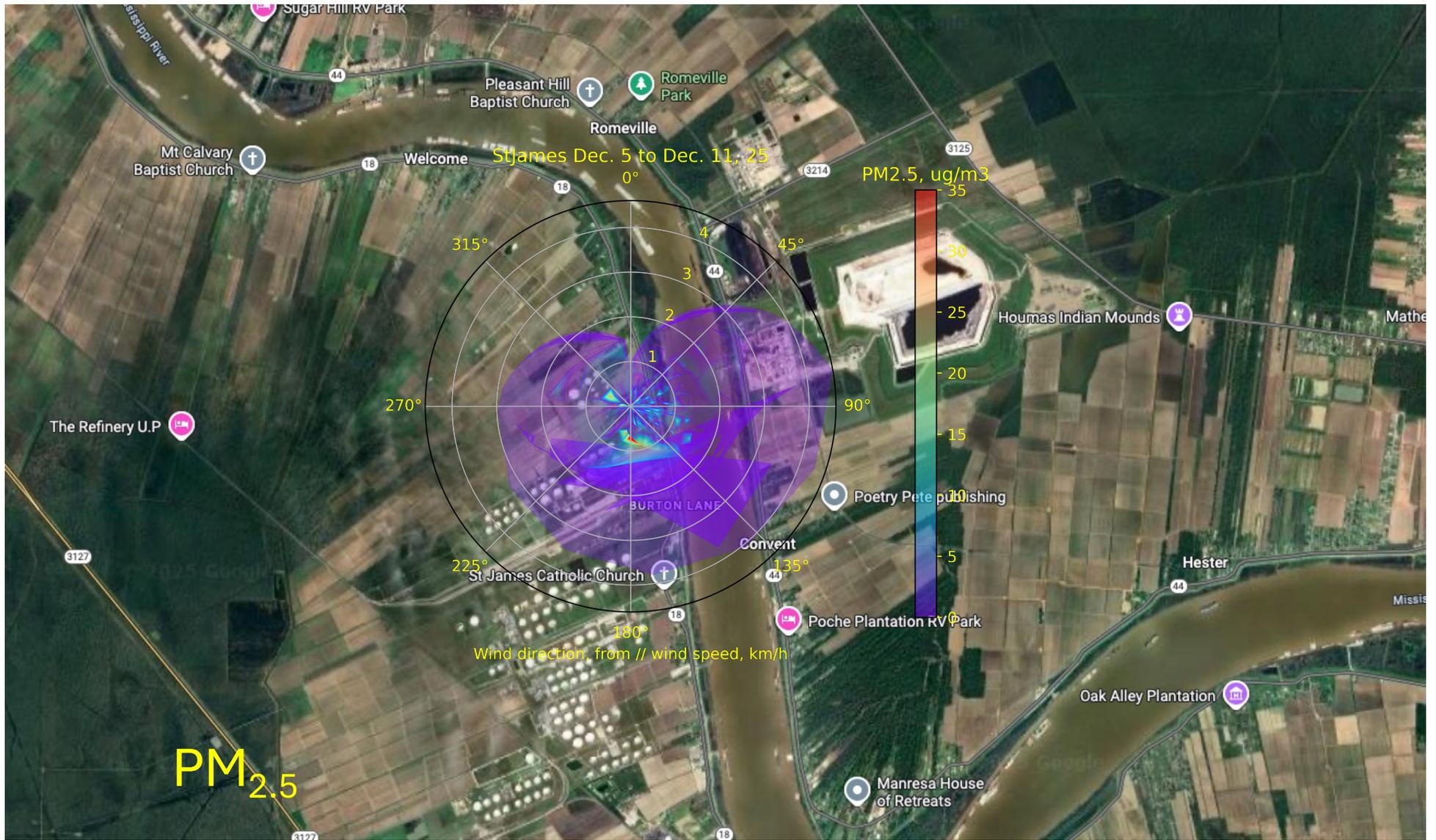


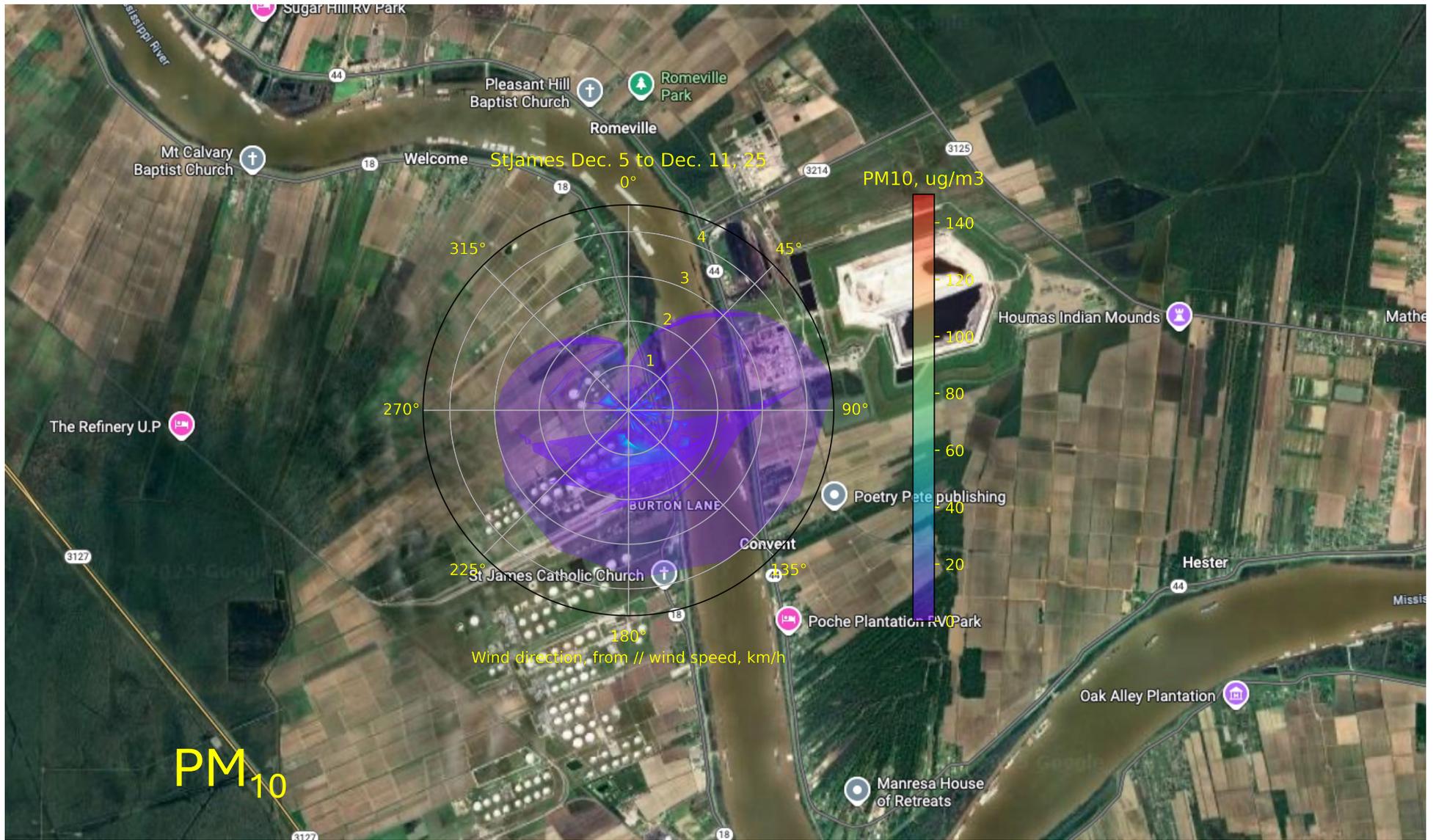














St. James POD 12/5-12/11

- Relatively calm week from air pollution perspective
- Ocasional $PM_{2.5}$ from South-West direction direction.
- NO_2 at times at high levels, pointing to North-East