

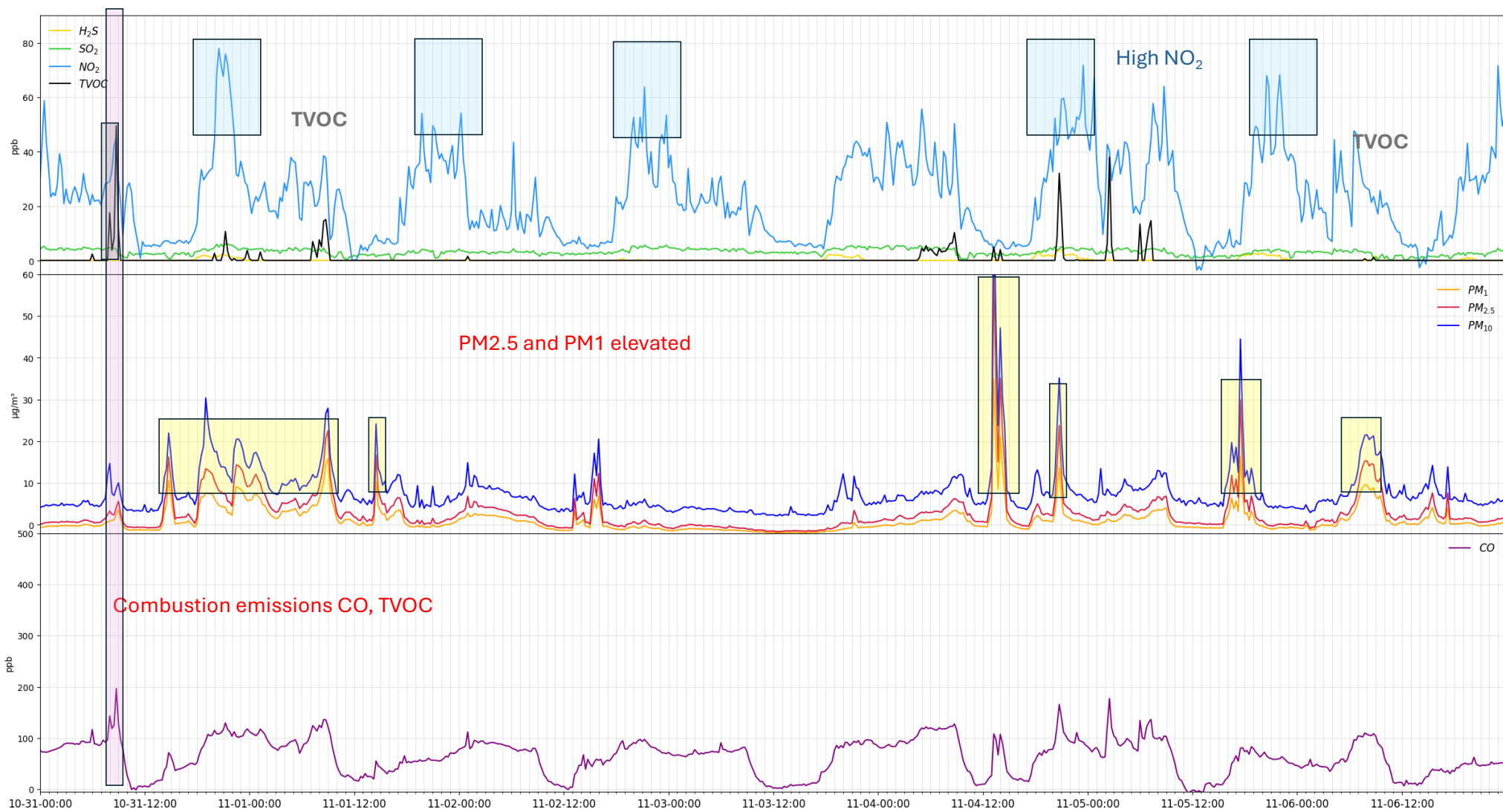
St. James POD

October 31 – November 6, 2025

Disclaimer

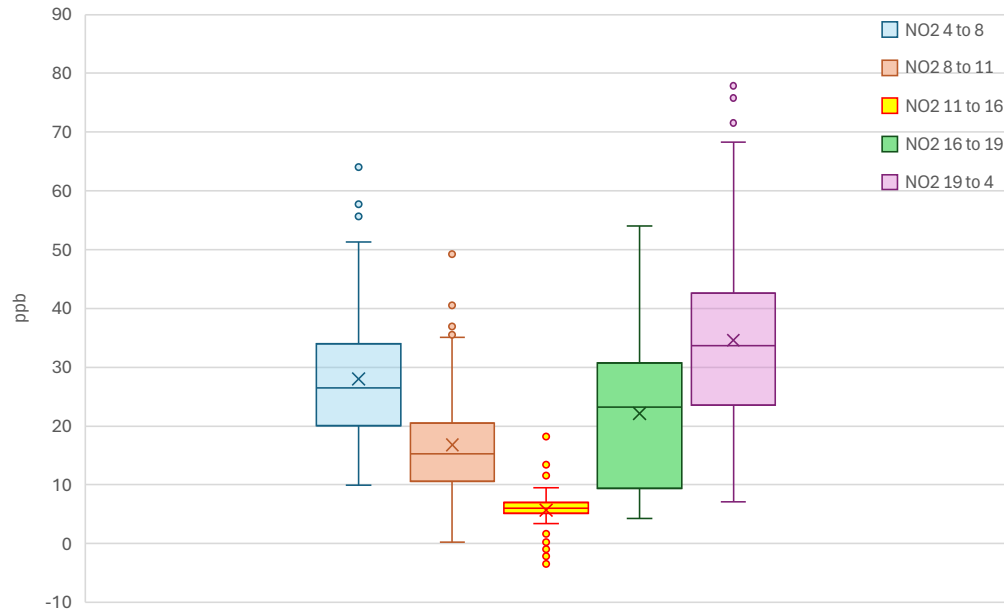
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



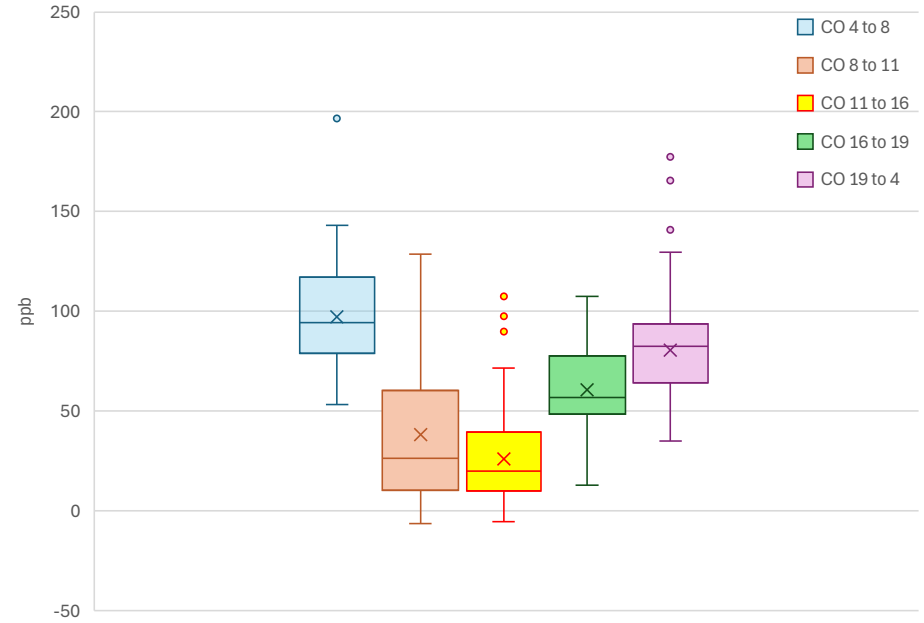
Hourly concentration distribution

NO2 hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO2 4 to 8	28.0	26.5	20.0	34.0	10.0	64.0	112
NO2 8 to 11	16.8	15.3	10.6	20.5	0.2	49.2	84
NO2 11 to 16	5.7	6.0	5.2	7.0	-3.5	18.2	140
NO2 16 to 19	22.1	23.2	9.4	30.7	4.3	54.1	84
NO2 19 to 4	34.6	33.7	23.5	42.7	7.1	77.9	252

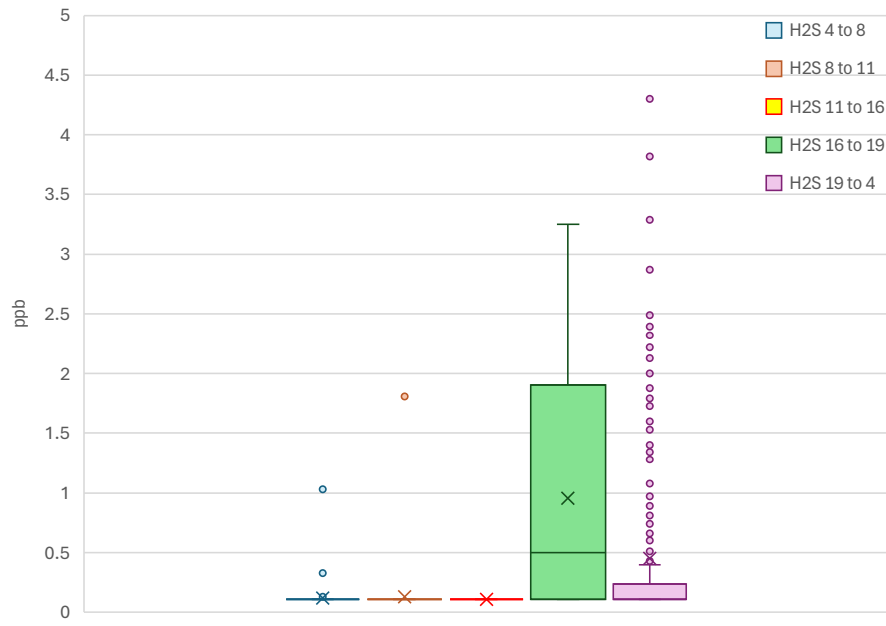
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	97.2	94.4	78.7	117.6	53.3	196.7	112
CO 8 to 11	38.2	26.3	10.2	60.4	-6.5	128.7	84
CO 11 to 16	26.1	19.8	9.8	39.4	-5.4	108.4	140
CO 16 to 19	60.7	56.8	48.5	77.7	12.9	107.4	84
CO 19 to 4	80.5	82.6	63.9	93.6	35.0	177.4	252

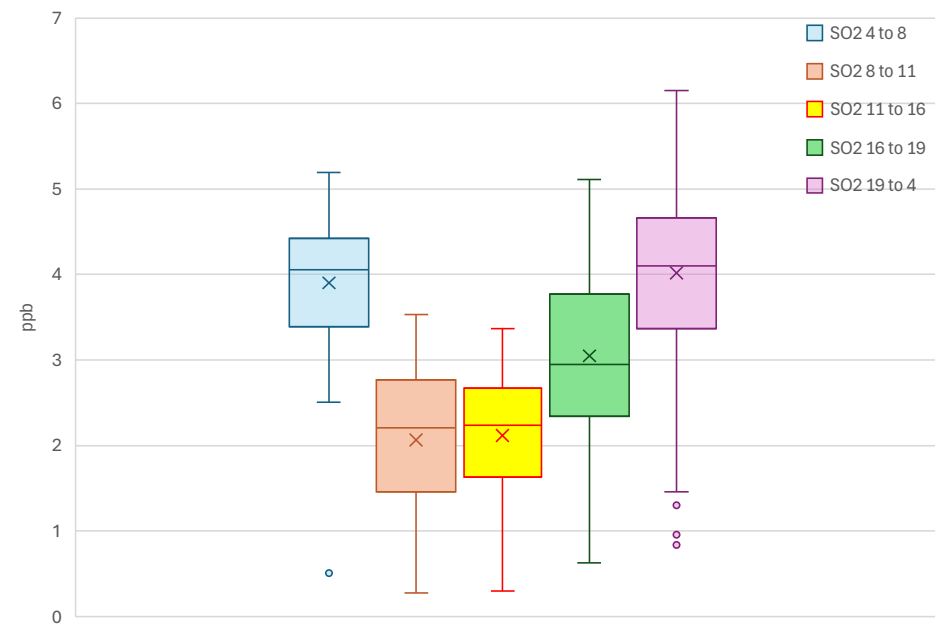
Hourly concentration distribution

H2S hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H2S 4 to 8	0.1	0.1	0.1	0.0	0.0	1.0	112
H2S 8 to 11	0.1	0.1	0.1	0.1	0.1	1.8	84
H2S 11 to 16	0.1	0.1	0.1	0.1	0.1	0.1	140
H2S 16 to 19	1.0	0.5	0.1	1.9	0.1	3.3	84
H2S 19 to 4	0.5	0.1	0.1	0.3	0.1	4.3	252

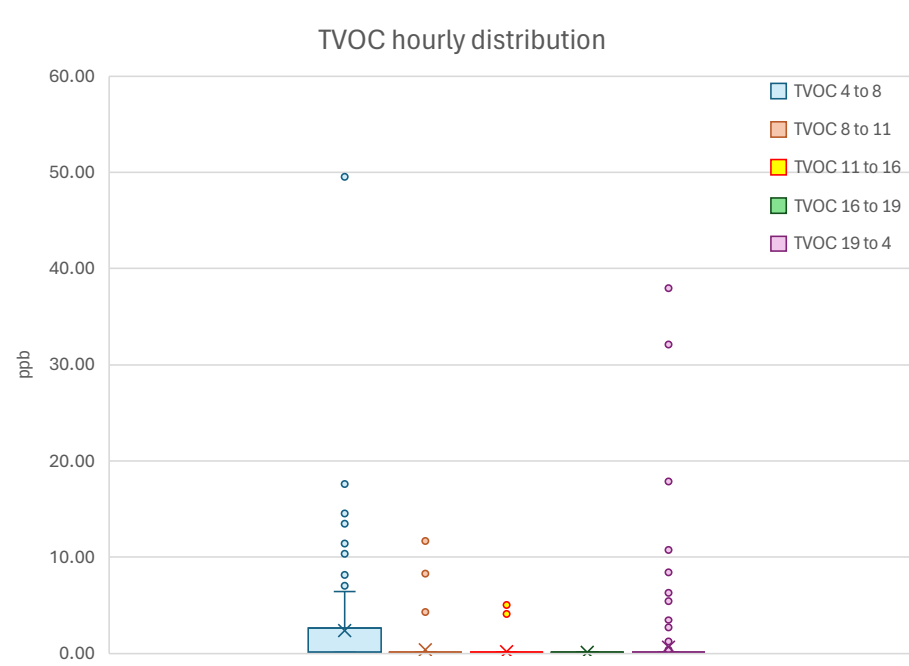
SO2 hourly distribution



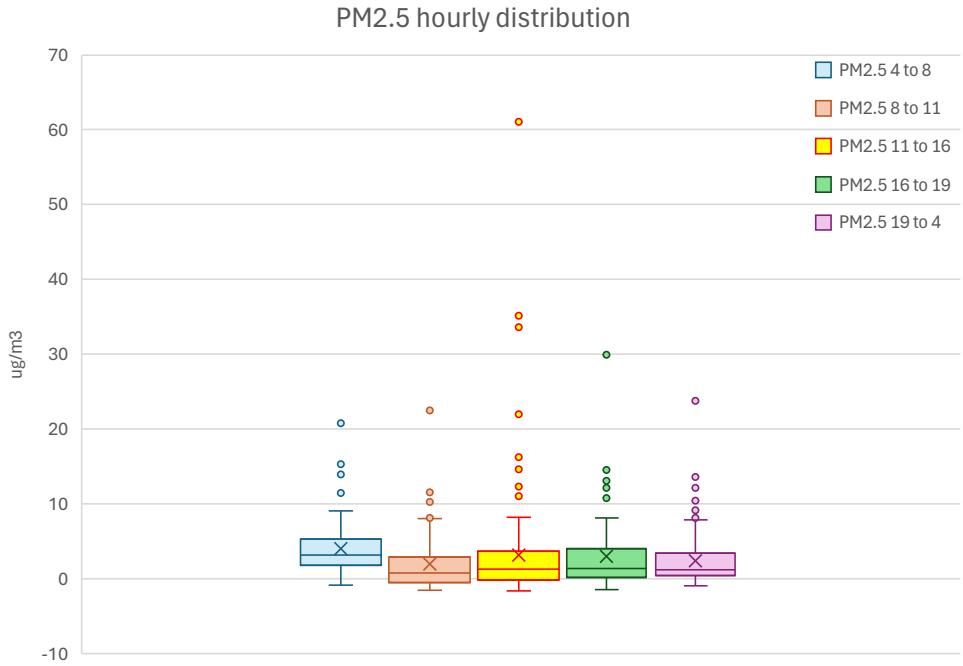
ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO2 4 to 8	3.9	4.1	3.4	4.4	0.5	5.2	112
SO2 8 to 11	2.1	2.2	1.5	2.8	0.3	3.5	84
SO2 11 to 16	2.1	2.2	1.6	2.7	0.3	3.4	140
SO2 16 to 19	3.0	3.0	2.3	3.8	0.6	5.1	84
SO2 19 to 4	4.0	4.1	3.4	4.7	0.8	6.2	252

H₂S data is not referenced and calibrated against regulatory monitor

Hourly concentration distribution



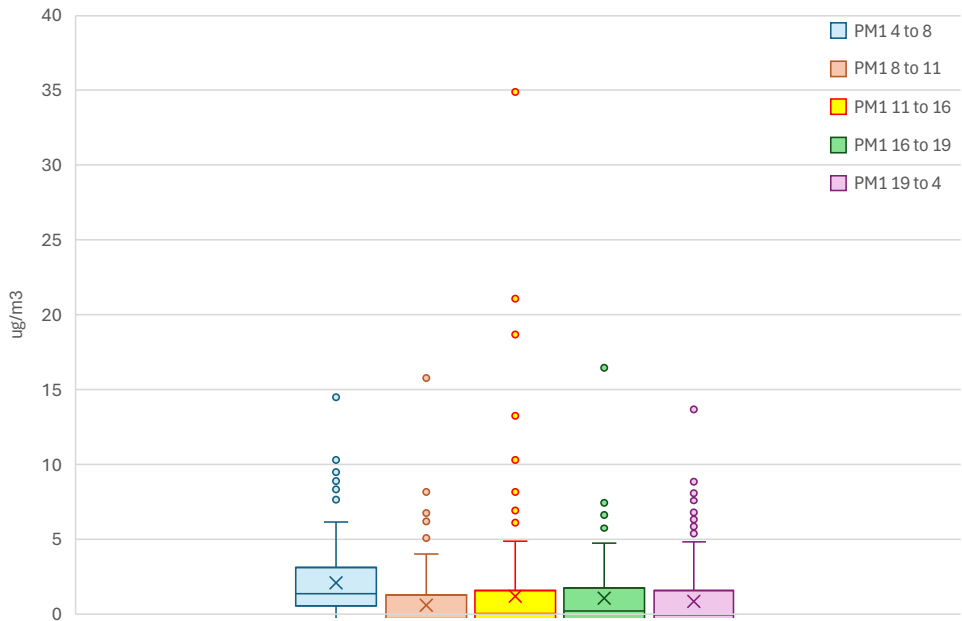
ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	2.4	0.1	0.1	3.0	0.1	49.5	112
TVOC 8 to 11	0.4	0.1	0.1	0.1	0.1	11.7	84
TVOC 11 to 16	0.2	0.1	0.1	0.1	0.1	5.0	140
TVOC 16 to 19	0.1	0.1	0.1	0.1	0.1	0.1	84
TVOC 19 to 4	0.7	0.1	0.1	0.1	0.1	38.0	252



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM2.5 4 to 8	4.0	3.1	1.6	5.4	-0.9	20.8	112
PM2.5 8 to 11	2.0	0.8	-0.5	2.9	-1.5	22.5	84
PM2.5 11 to 16	3.2	1.3	-0.1	3.7	-1.6	61.0	140
PM2.5 16 to 19	3.0	1.4	0.2	4.0	-1.5	29.9	84
PM2.5 19 to 4	2.4	1.2	0.4	3.4	-1.0	23.8	252

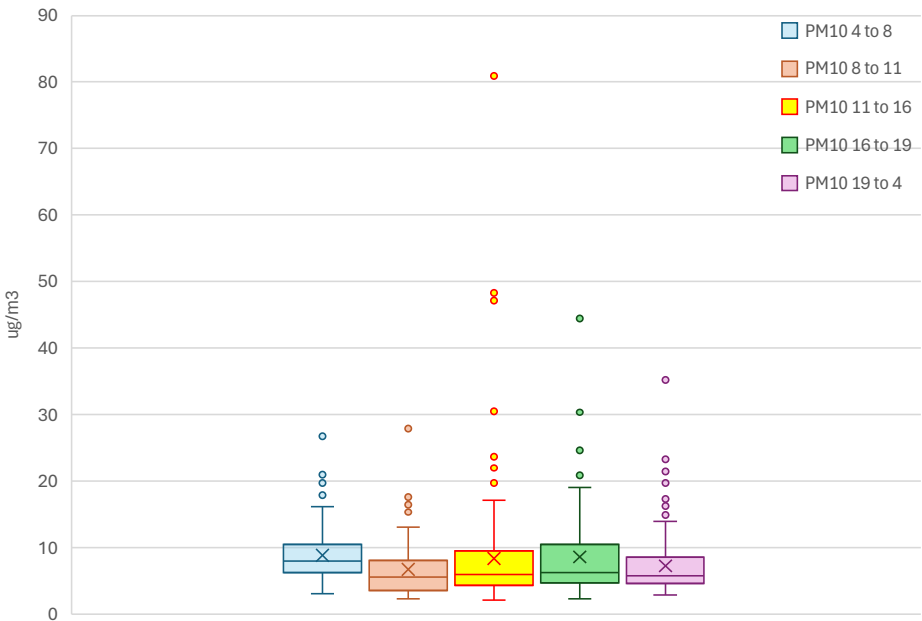
Hourly concentration distribution

PM1 hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM1 4 to 8	2.1	1.4	0.5	3.2	-1.4	14.5	112
PM1 8 to 11	0.6	-0.3	-1.2	1.3	-1.9	15.8	84
PM1 11 to 16	1.2	0.1	-0.9	1.6	-1.9	34.9	140
PM1 16 to 19	1.1	0.2	-0.8	1.8	-1.8	16.5	84
PM1 19 to 4	0.8	0.0	-0.6	1.6	-1.5	13.7	252

PM10 hourly distribution

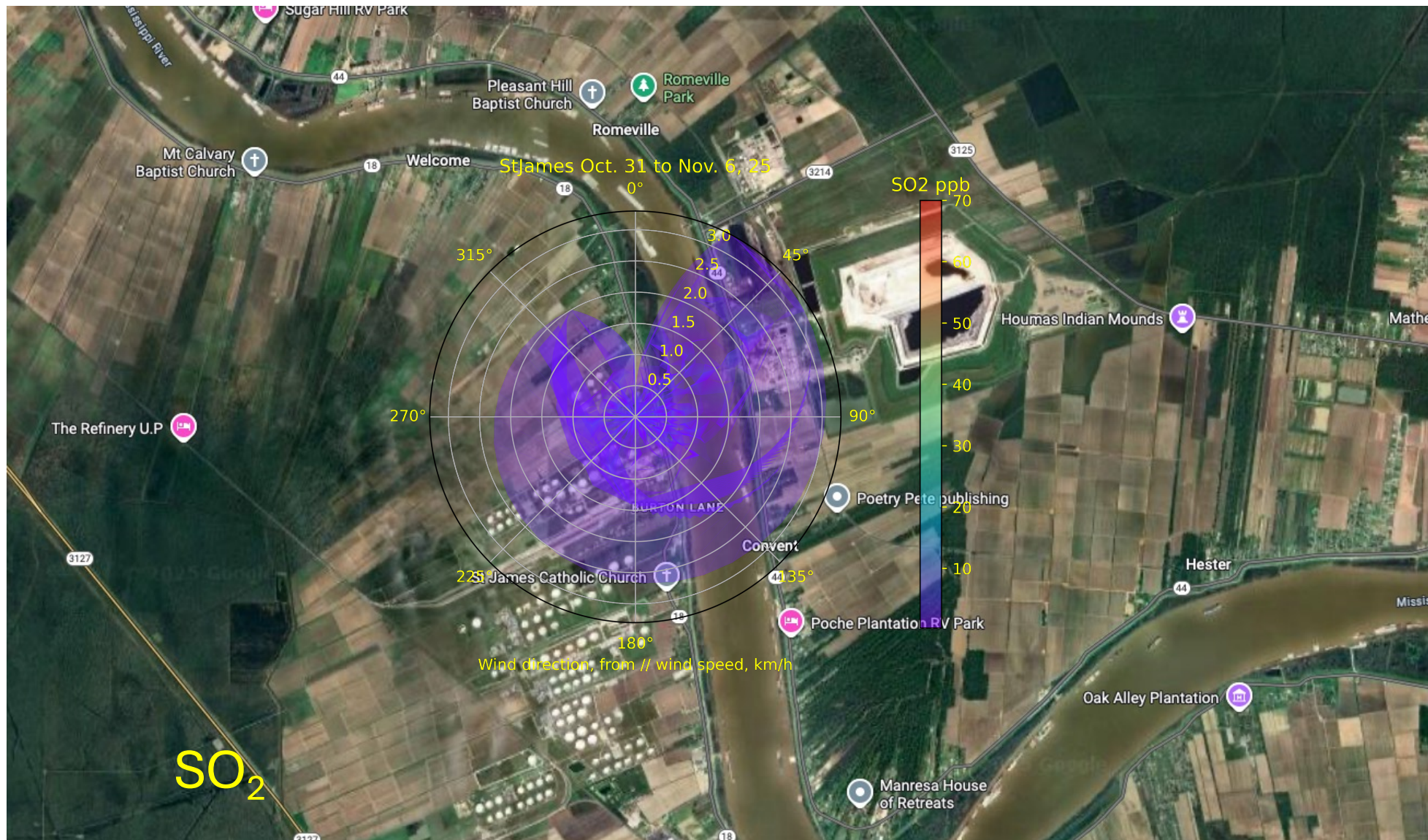


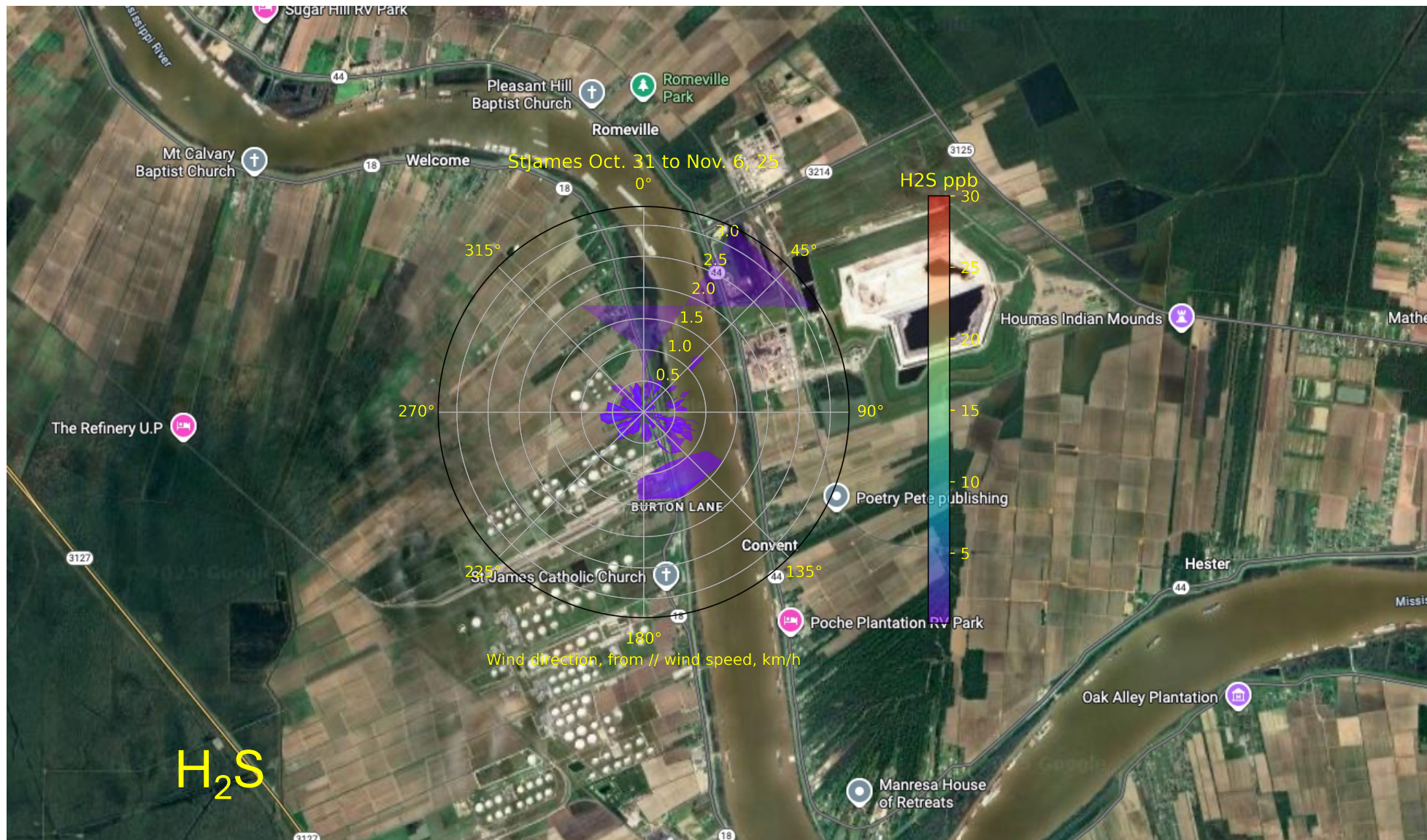
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM10 4 to 8	8.8	8.0	6.1	10.7	3.1	26.7	112
PM10 8 to 11	6.7	5.6	3.6	8.0	2.3	27.9	84
PM10 11 to 16	8.4	6.0	4.4	9.5	2.2	81.0	140
PM10 16 to 19	8.6	6.2	4.7	10.5	2.3	44.5	84
PM10 19 to 4	7.3	5.8	4.6	8.6	2.9	35.2	252

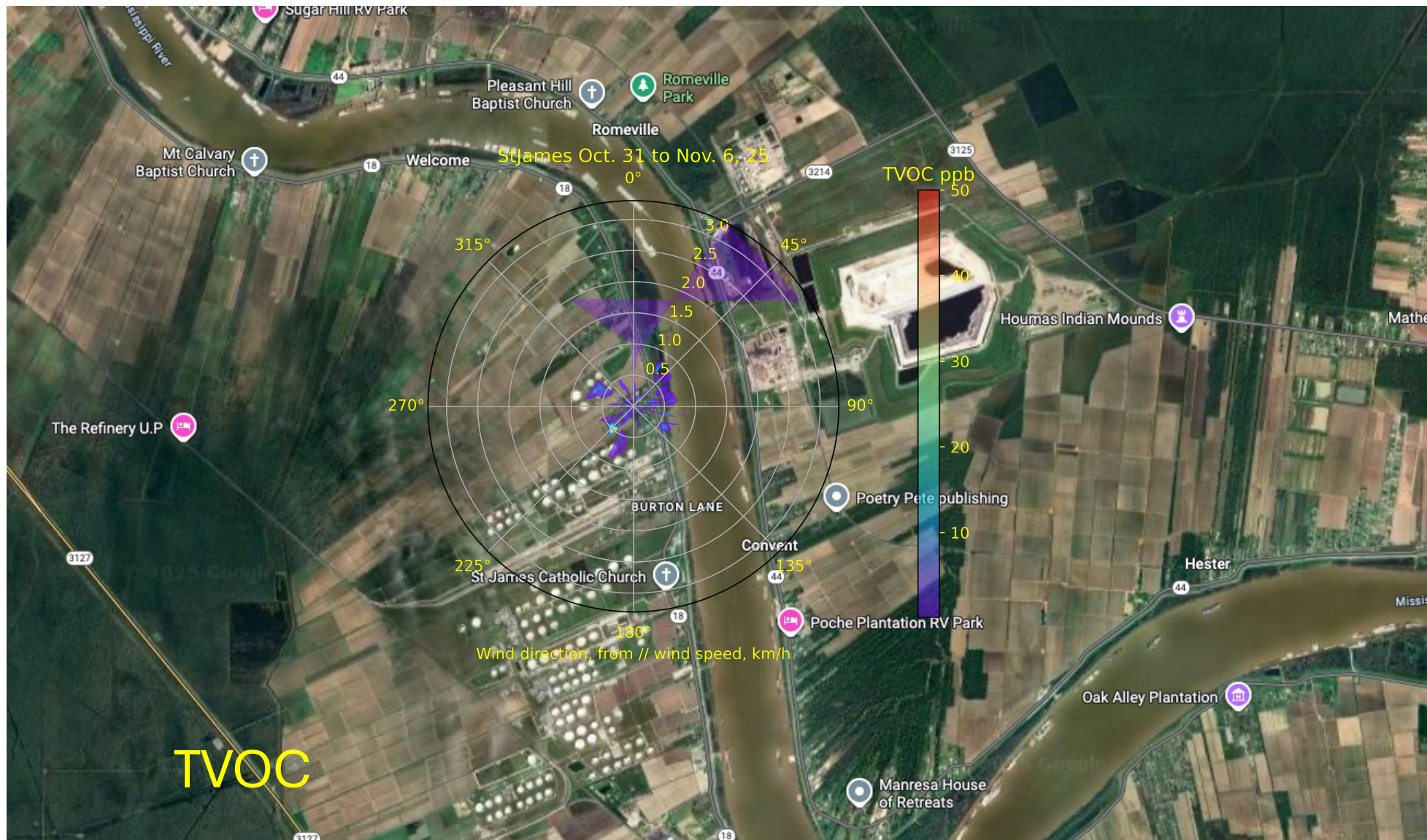
PM₁ data is not referenced and calibrated against regulatory monitor

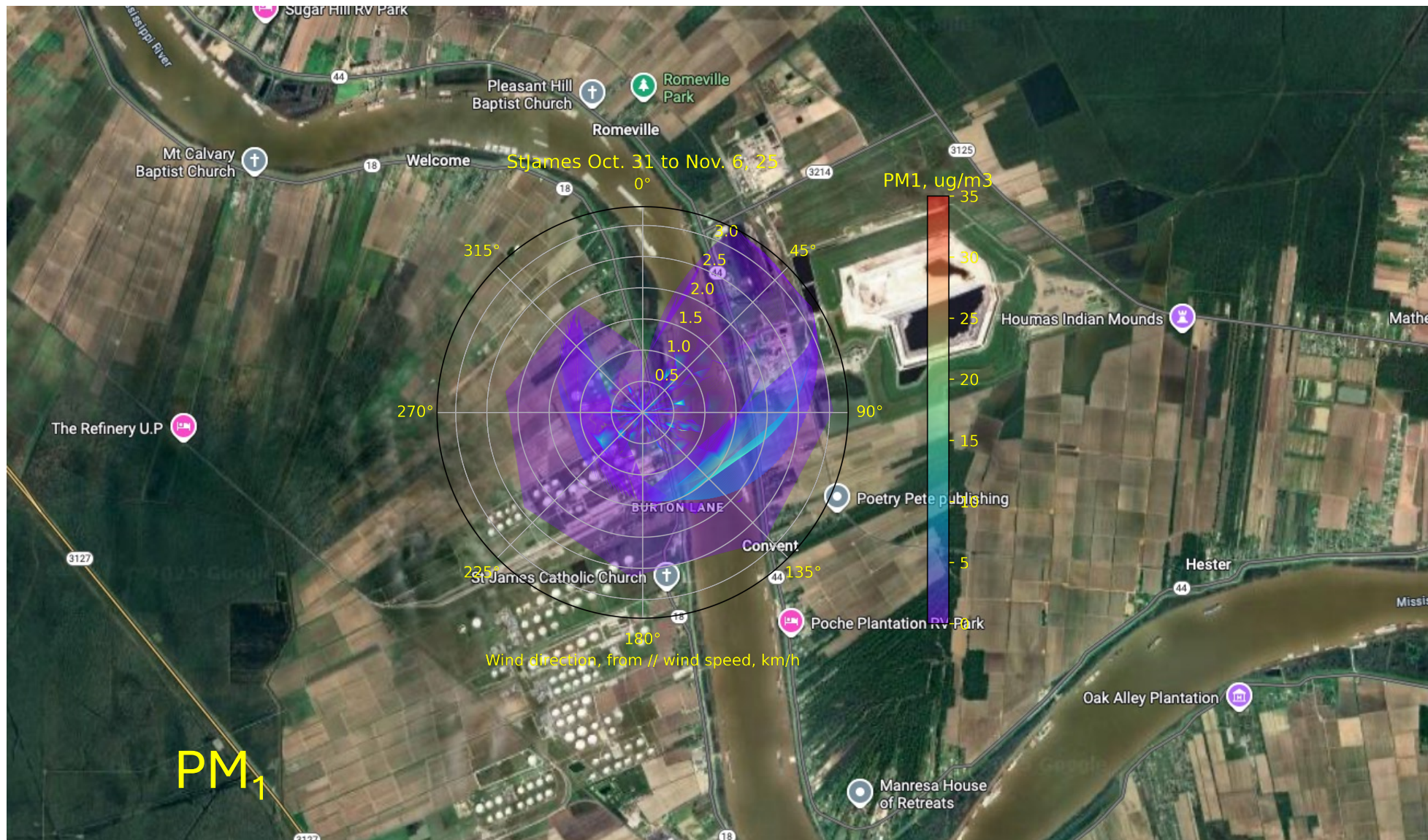


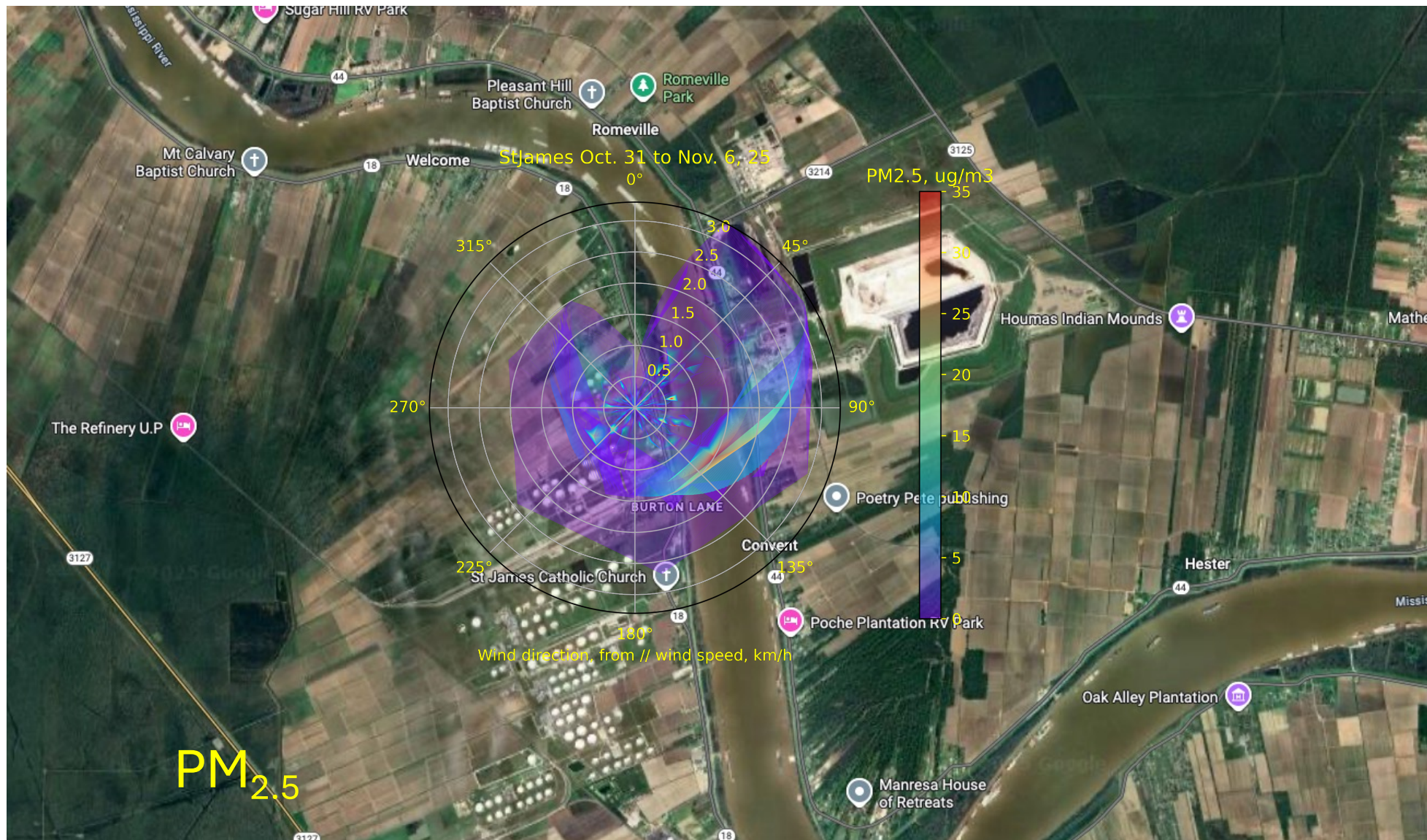


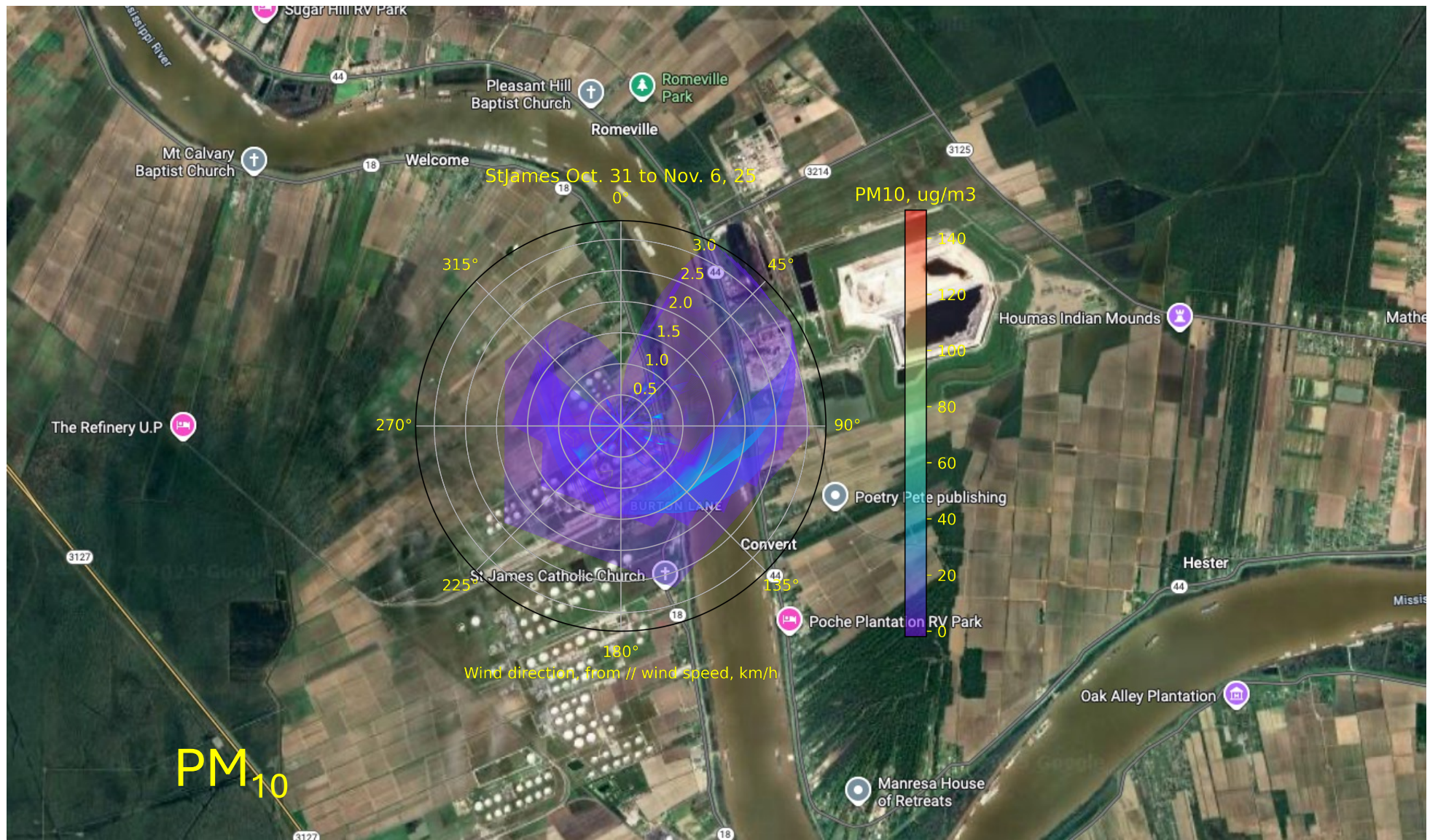














St. James POD 10/31-11/06

- PM_{2.5} spikes from East/South-East Direction.
- NO₂ at times at high levels, independent of wind direction, lowest from the South and North