

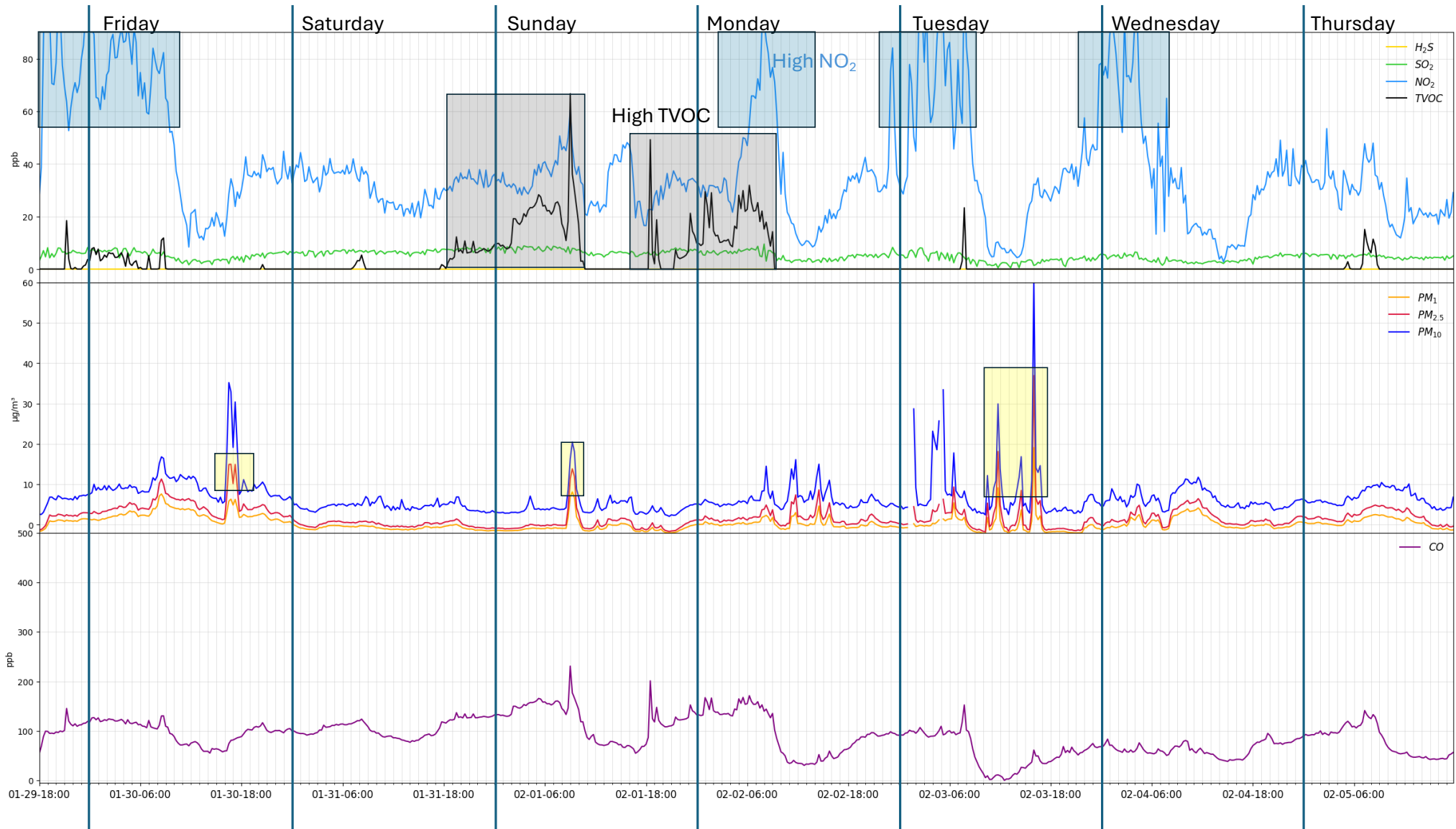
St. James POD

January 30 – February 5, 2026

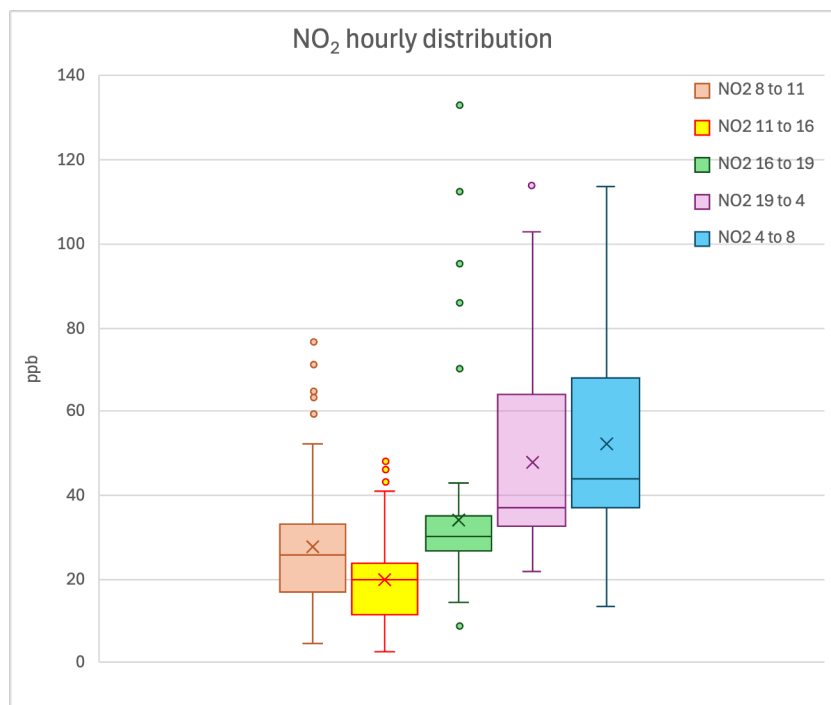
Disclaimer

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.

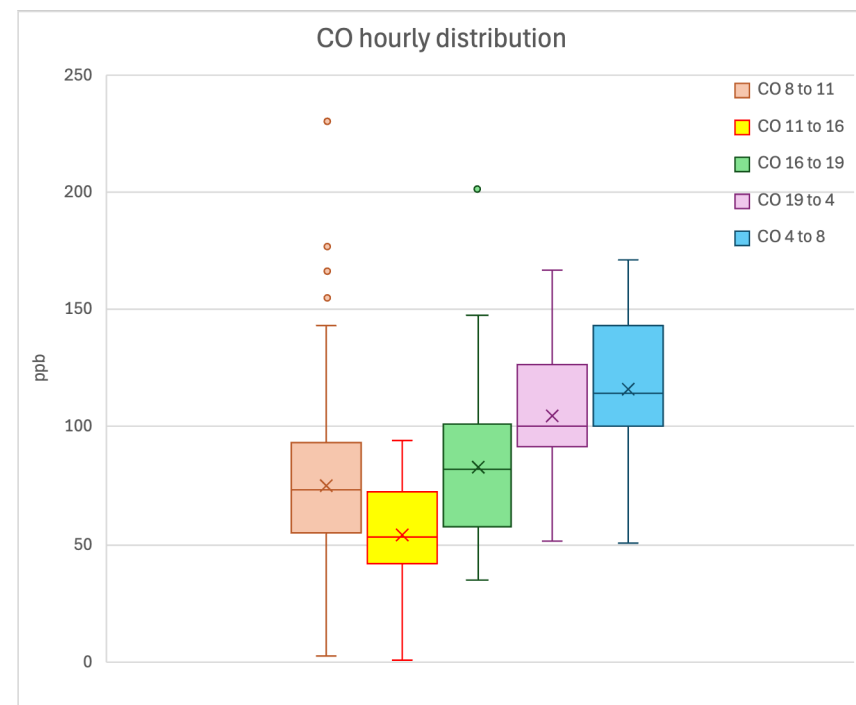
At the same time, most of the sensors are subject to QA/QC procedures and are calibrated and evaluated against official regulatory monitors.



Hourly concentration distribution

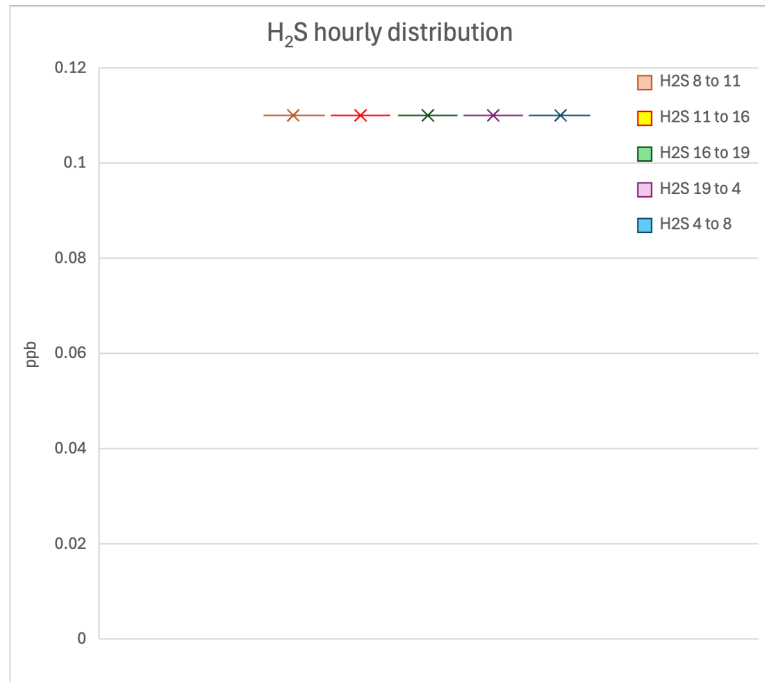


ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	52.3	44.0	37.1	67.9	13.3	113.7	112
NO ₂ 8 to 11	27.8	25.6	16.9	33.3	4.8	76.7	84
NO ₂ 11 to 16	19.7	19.8	11.5	23.9	2.8	48.1	140
NO ₂ 16 to 19	34.0	30.2	26.7	35.1	8.8	133.2	84
NO ₂ 19 to 4	47.8	37.0	32.8	64.3	21.7	114.0	252

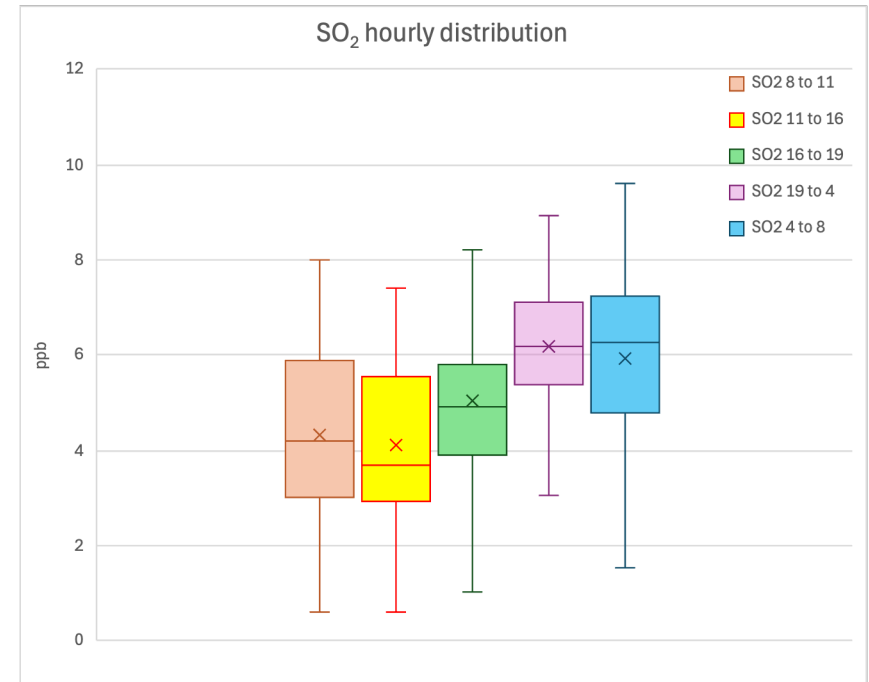


ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	116.3	114.9	100.8	143.4	50.7	171.3	112
CO 8 to 11	74.7	73.4	54.8	93.4	2.1	231.0	84
CO 11 to 16	54.1	52.8	41.4	72.1	0.4	94.0	140
CO 16 to 19	82.7	81.9	57.8	101.5	34.3	201.2	84
CO 19 to 4	104.9	100.8	91.3	126.4	51.5	167.3	252

Hourly concentration distribution



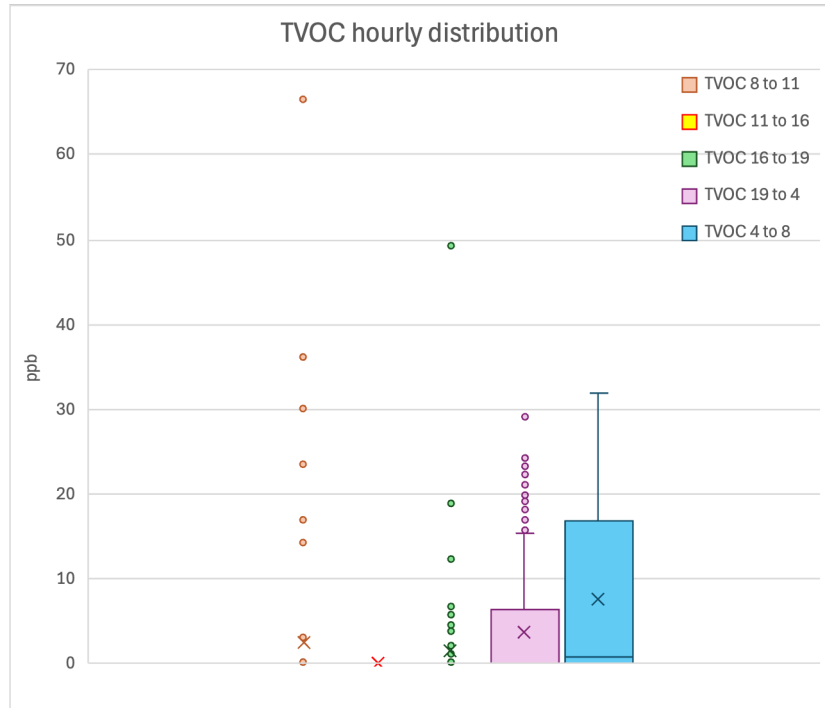
ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	0.1	0.1	0.1	0.1	0.1	0.1	112
H ₂ S 8 to 11	0.1	0.1	0.1	0.1	0.1	0.1	84
H ₂ S 11 to 16	0.1	0.1	0.1	0.1	0.1	0.1	140
H ₂ S 16 to 19	0.1	0.1	0.1	0.1	0.1	0.1	84
H ₂ S 19 to 4	0.1	0.1	0.1	0.1	0.1	0.1	252



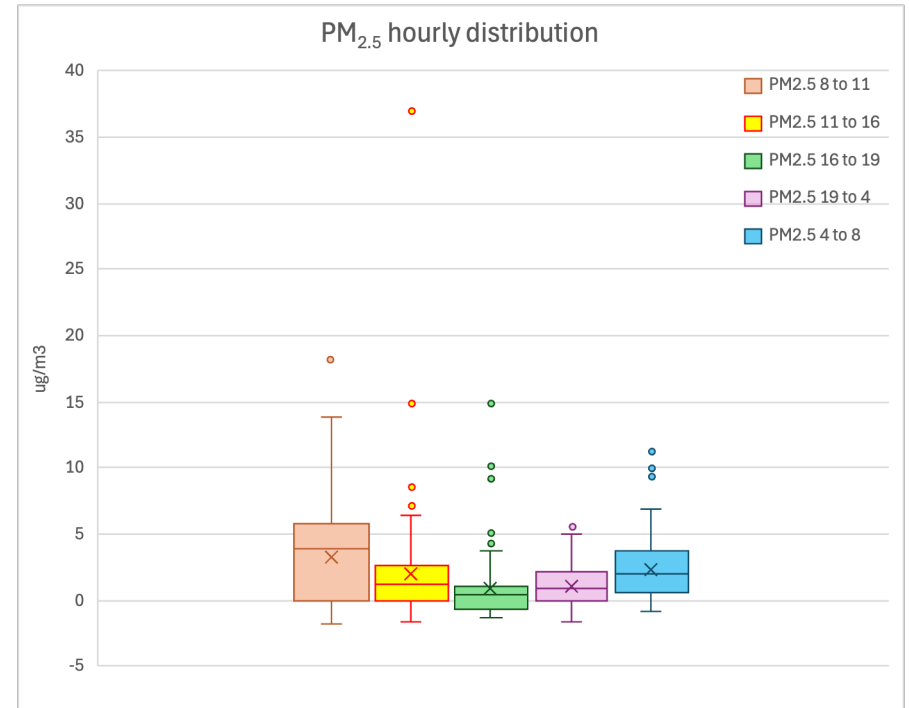
ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	5.9	6.2	4.8	7.3	1.6	9.6	112
SO ₂ 8 to 11	4.3	4.2	3.0	5.9	0.6	8.0	84
SO ₂ 11 to 16	4.1	3.7	2.9	5.5	0.6	7.4	140
SO ₂ 16 to 19	5.0	4.9	3.9	5.8	1.0	8.2	84
SO ₂ 19 to 4	6.2	6.2	5.4	7.1	3.1	8.9	252

H₂S data is not referenced and calibrated against regulatory monitor

Hourly concentration distribution

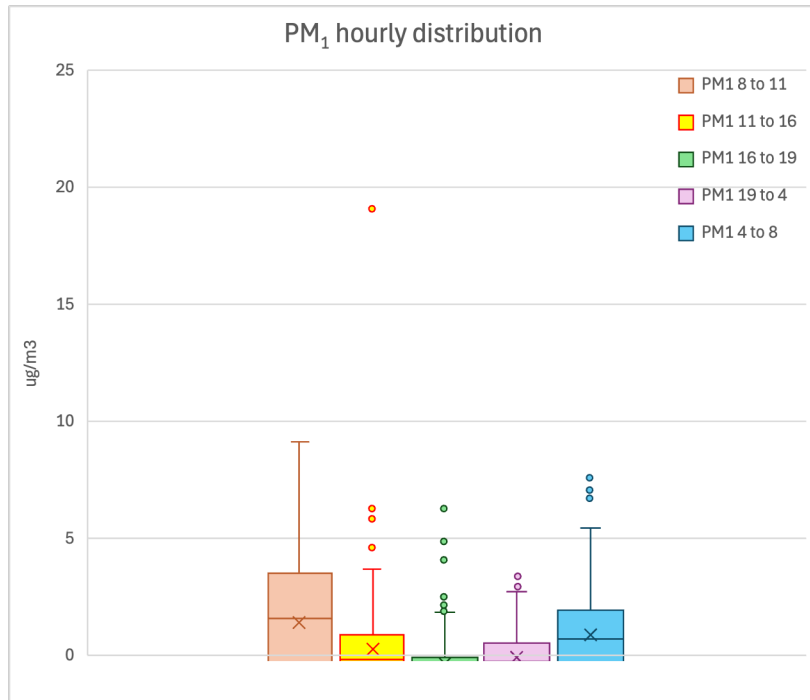


ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	7.6	0.7	0.1	16.8	0.1	31.9	112
TVOC 8 to 11	2.4	0.1	0.1	0.1	0.1	66.7	84
TVOC 11 to 16	0.1	0.1	0.1	0.1	0.1	0.1	140
TVOC 16 to 19	1.5	0.1	0.1	0.1	0.1	49.2	84
TVOC 19 to 4	3.7	0.1	0.1	6.3	0.1	29.5	252



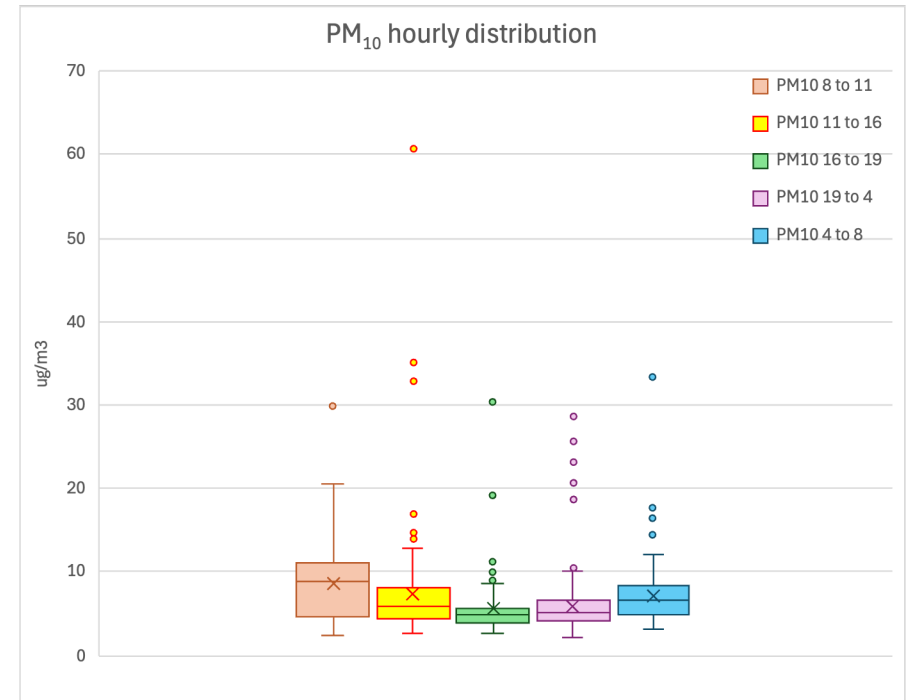
ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	2.4	2.0	0.6	3.8	-0.9	11.3	111
PM _{2.5} 8 to 11	3.3	3.9	-0.1	5.7	-1.8	18.1	84
PM _{2.5} 11 to 16	2.0	1.2	-0.1	2.6	-1.6	37.0	140
PM _{2.5} 16 to 19	0.9	0.4	-0.7	1.1	-1.4	14.9	84
PM _{2.5} 19 to 4	1.1	0.9	-0.1	2.1	-1.7	5.5	250

Hourly concentration distribution

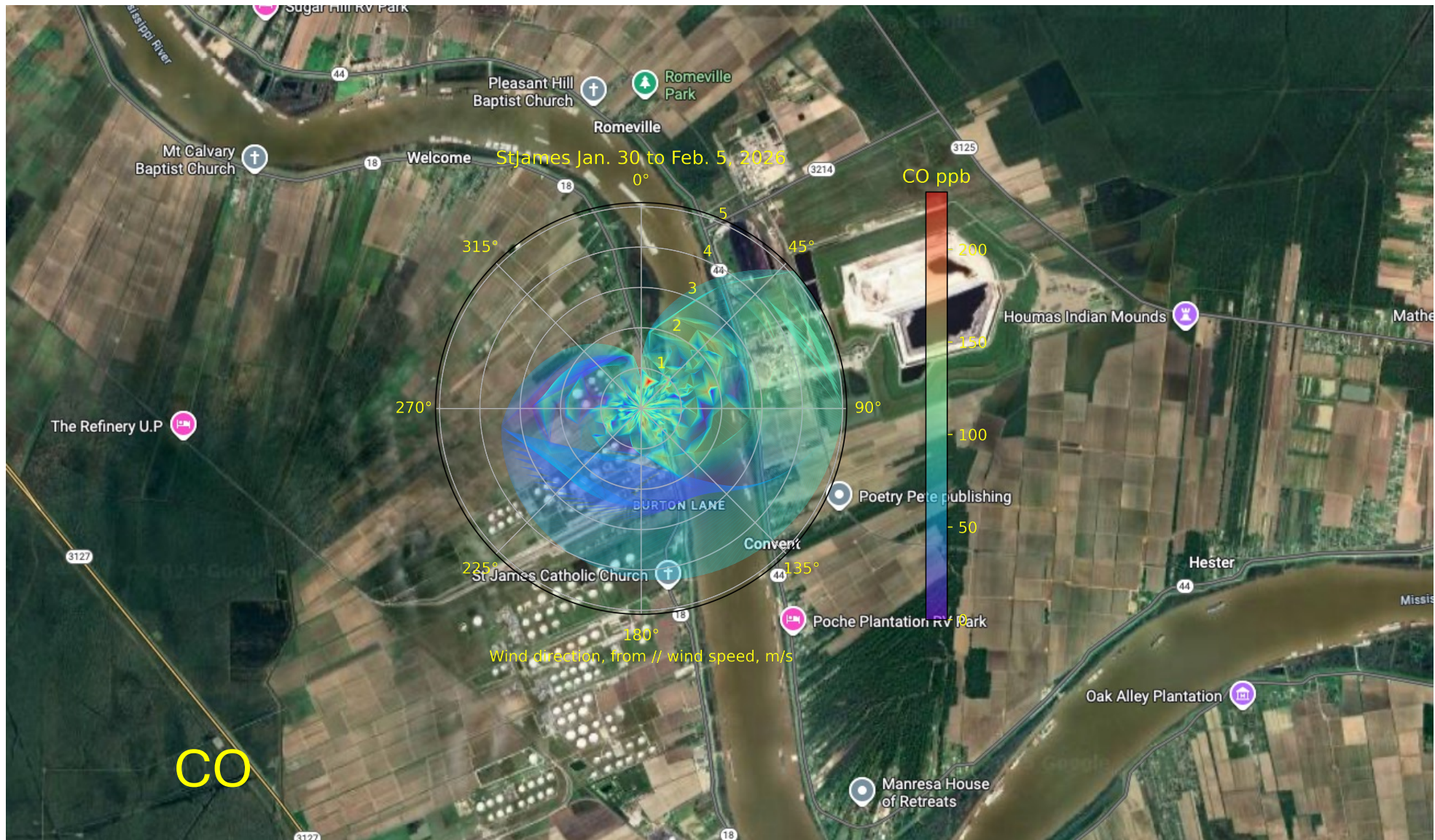


ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	0.9	0.7	-0.5	1.9	-1.5	7.6	111
PM ₁ 8 to 11	1.4	1.6	-1.0	3.5	-2.2	9.1	84
PM ₁ 11 to 16	0.3	-0.1	-1.0	0.9	-2.1	19.1	140
PM ₁ 16 to 19	-0.3	-0.6	-1.4	-0.1	-1.9	6.3	84
PM ₁ 19 to 4	-0.1	-0.2	-0.9	0.6	-2.0	3.4	250

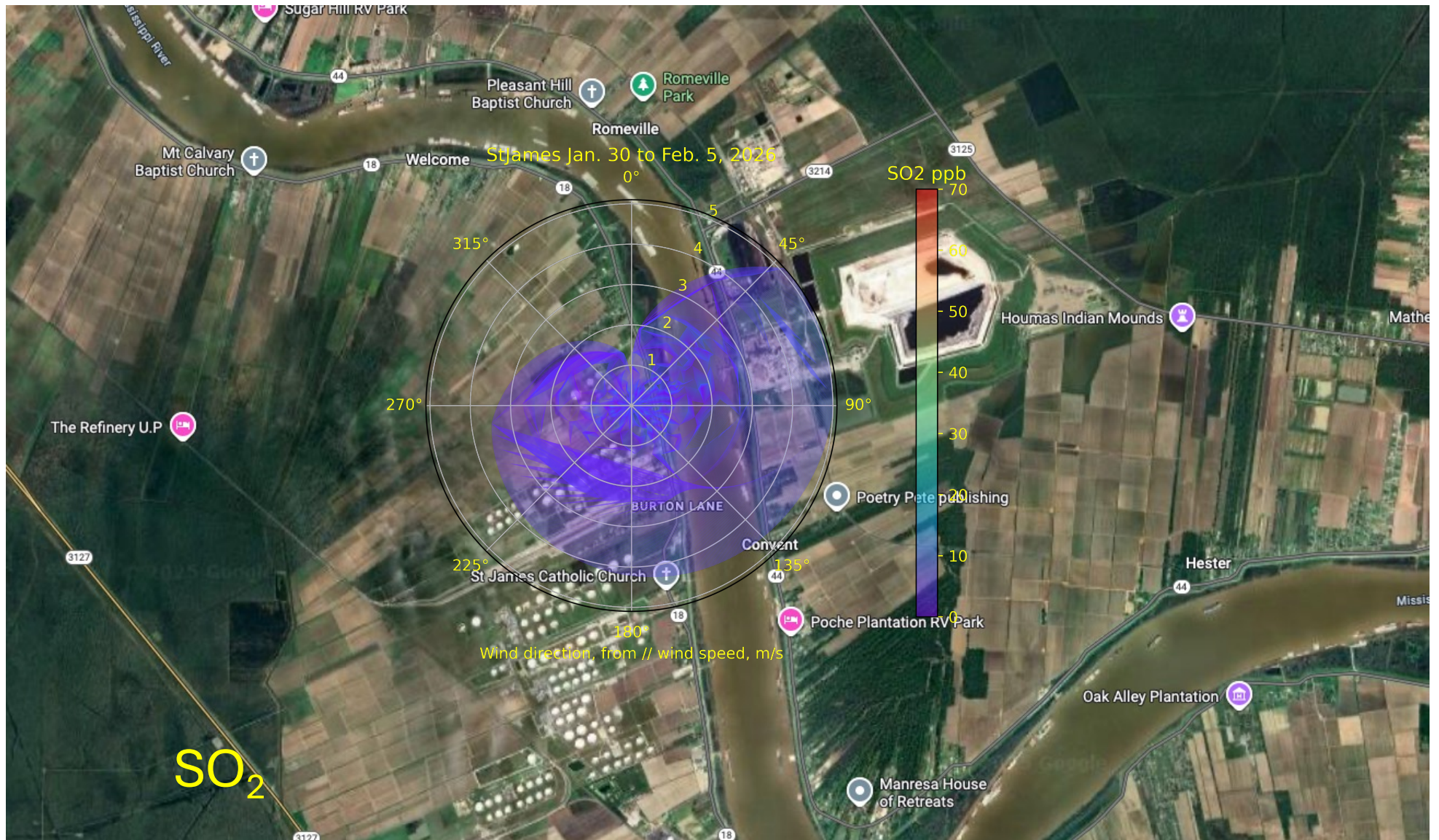
PM₁ data is not referenced and calibrated against regulatory monitor



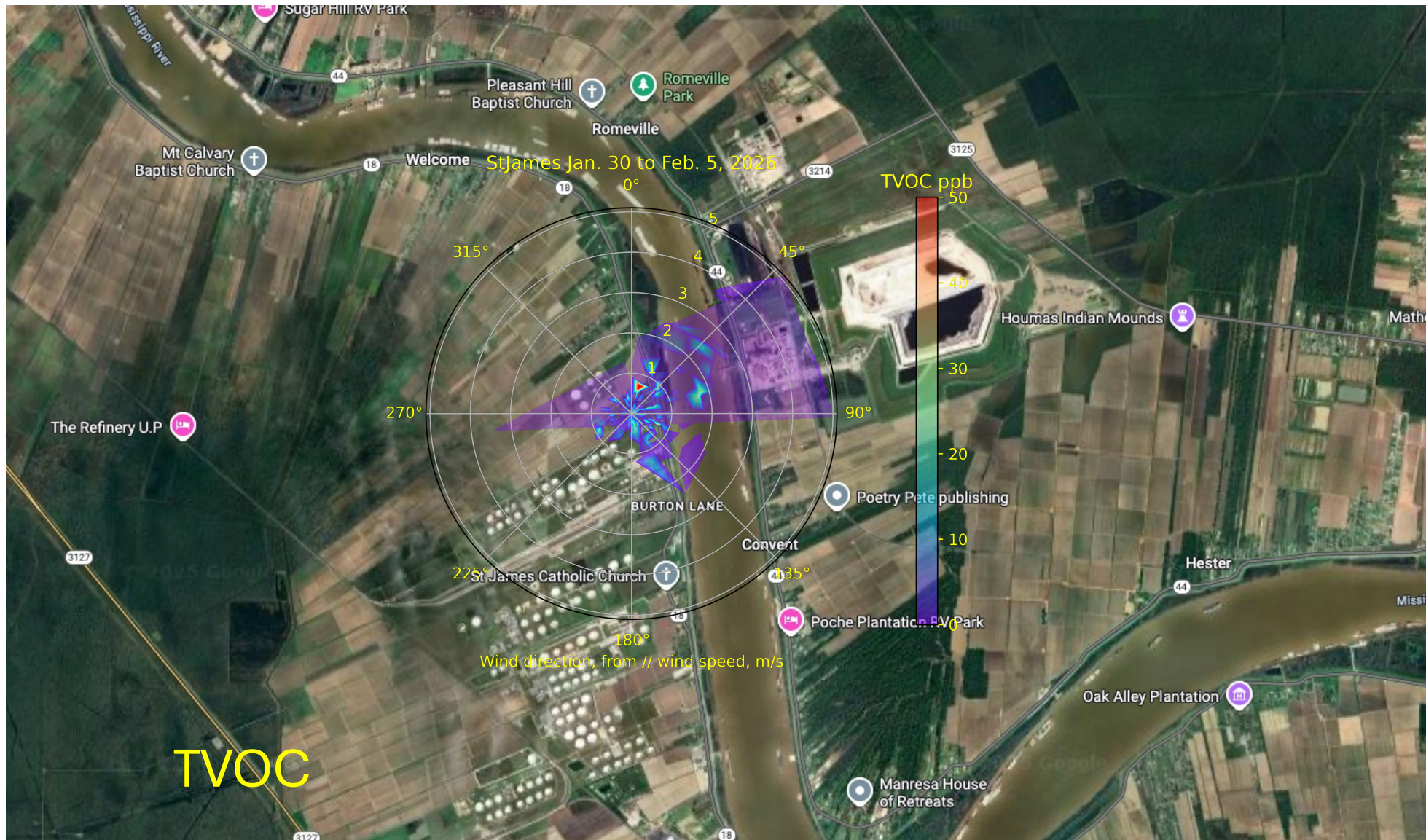
ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	7.1	6.5	4.9	8.3	3.1	33.4	111
PM ₁₀ 8 to 11	8.5	8.9	4.7	11.2	2.4	29.9	84
PM ₁₀ 11 to 16	7.3	5.8	4.5	8.0	2.5	60.8	140
PM ₁₀ 16 to 19	5.7	4.9	3.7	5.7	2.5	30.4	84
PM ₁₀ 19 to 4	5.8	5.2	4.0	6.6	2.1	28.7	250

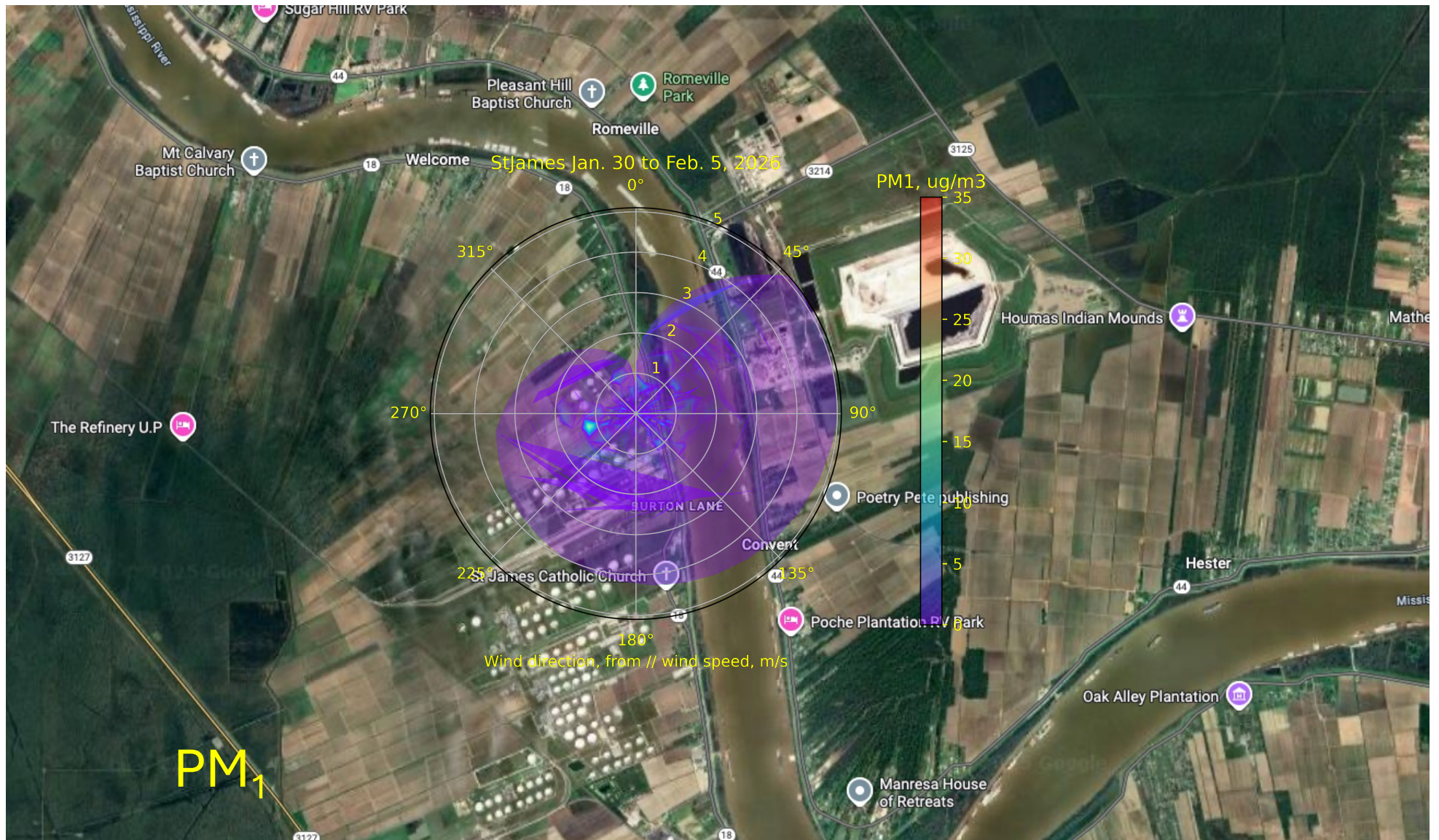


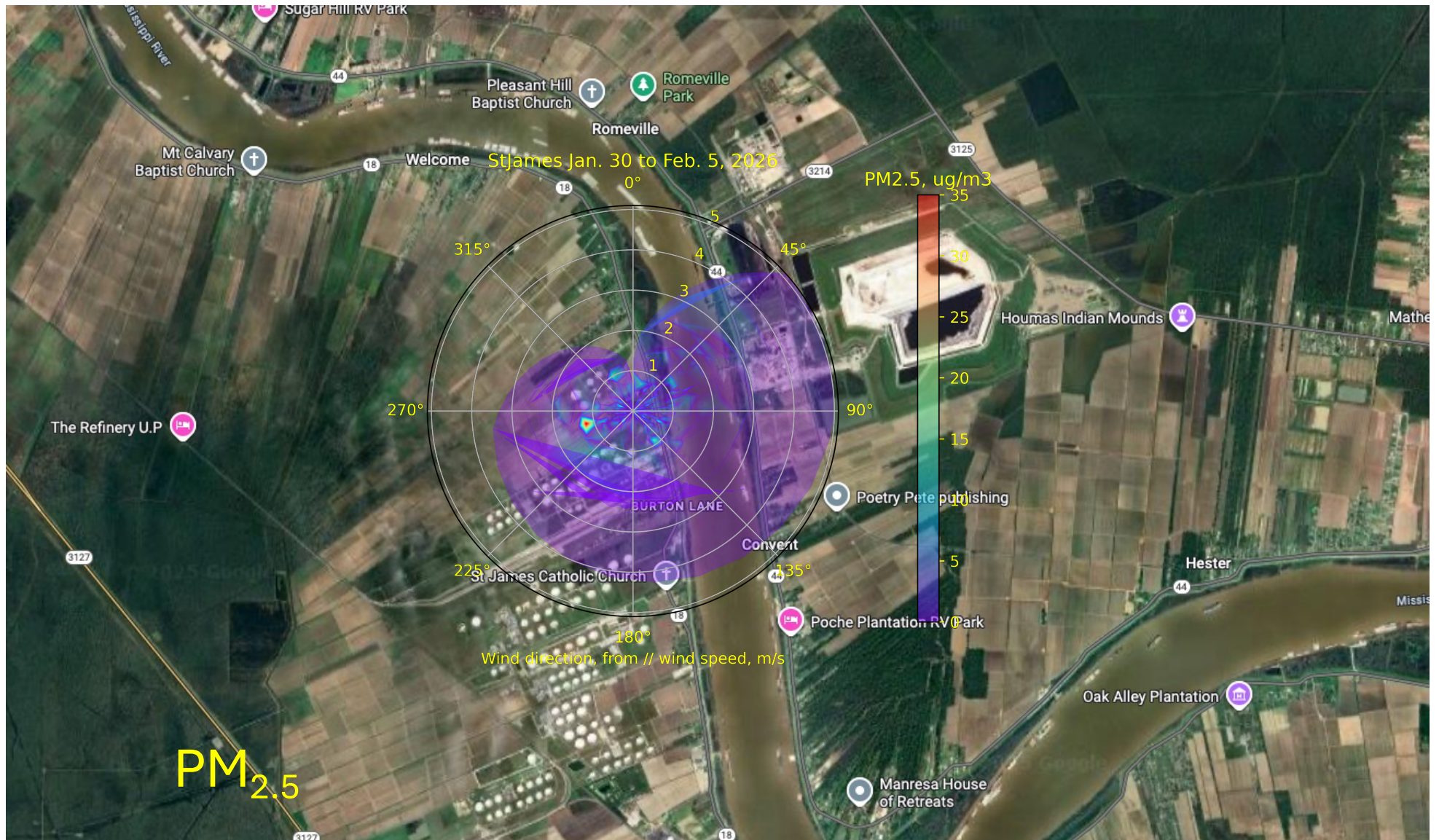


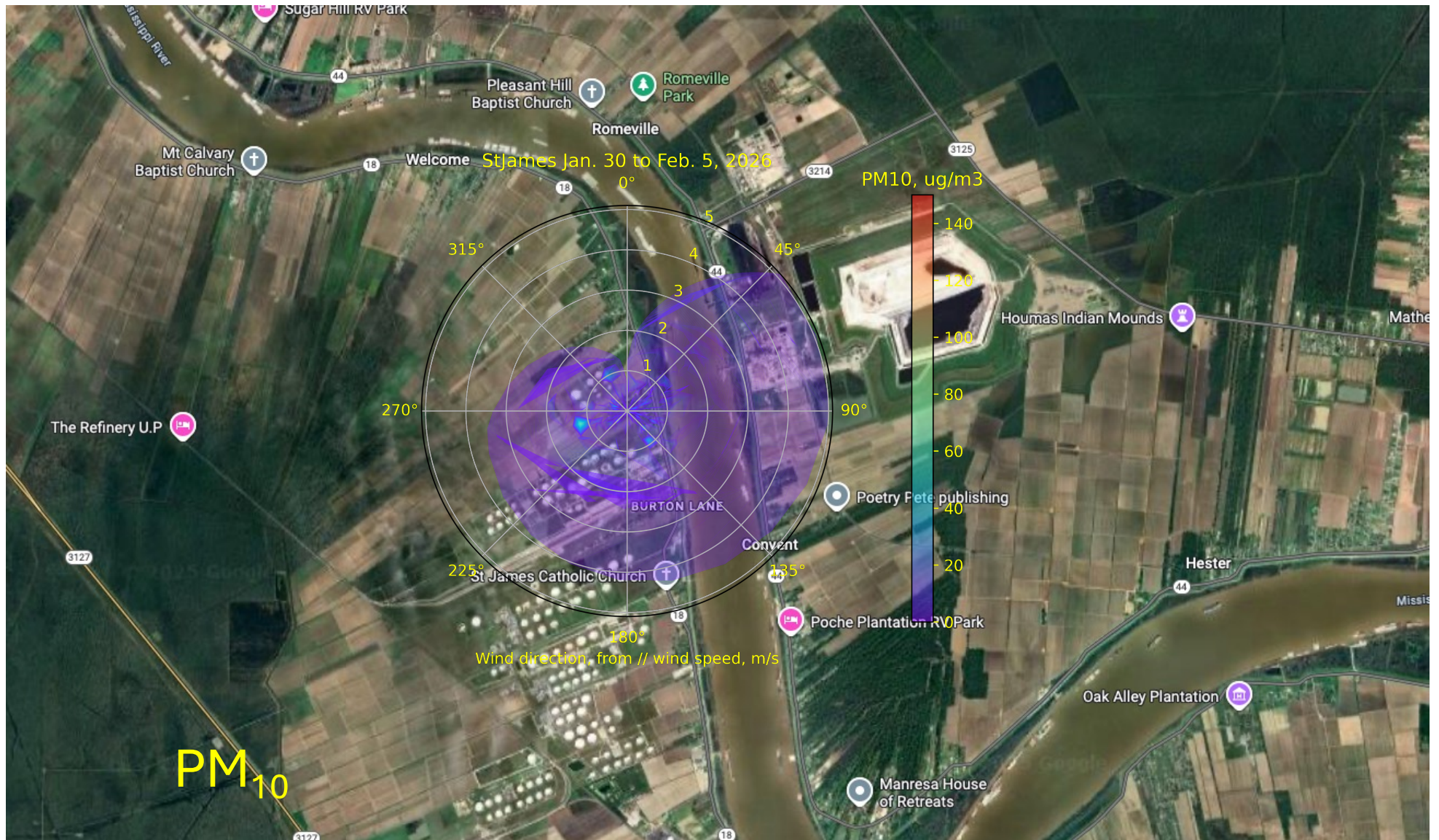














St. James POD 1/30-2/5

- TVOC is driven from North-East direction.
- PM2.5 Source from South West.
- Strong elevation of NO₂ with indications of East source