

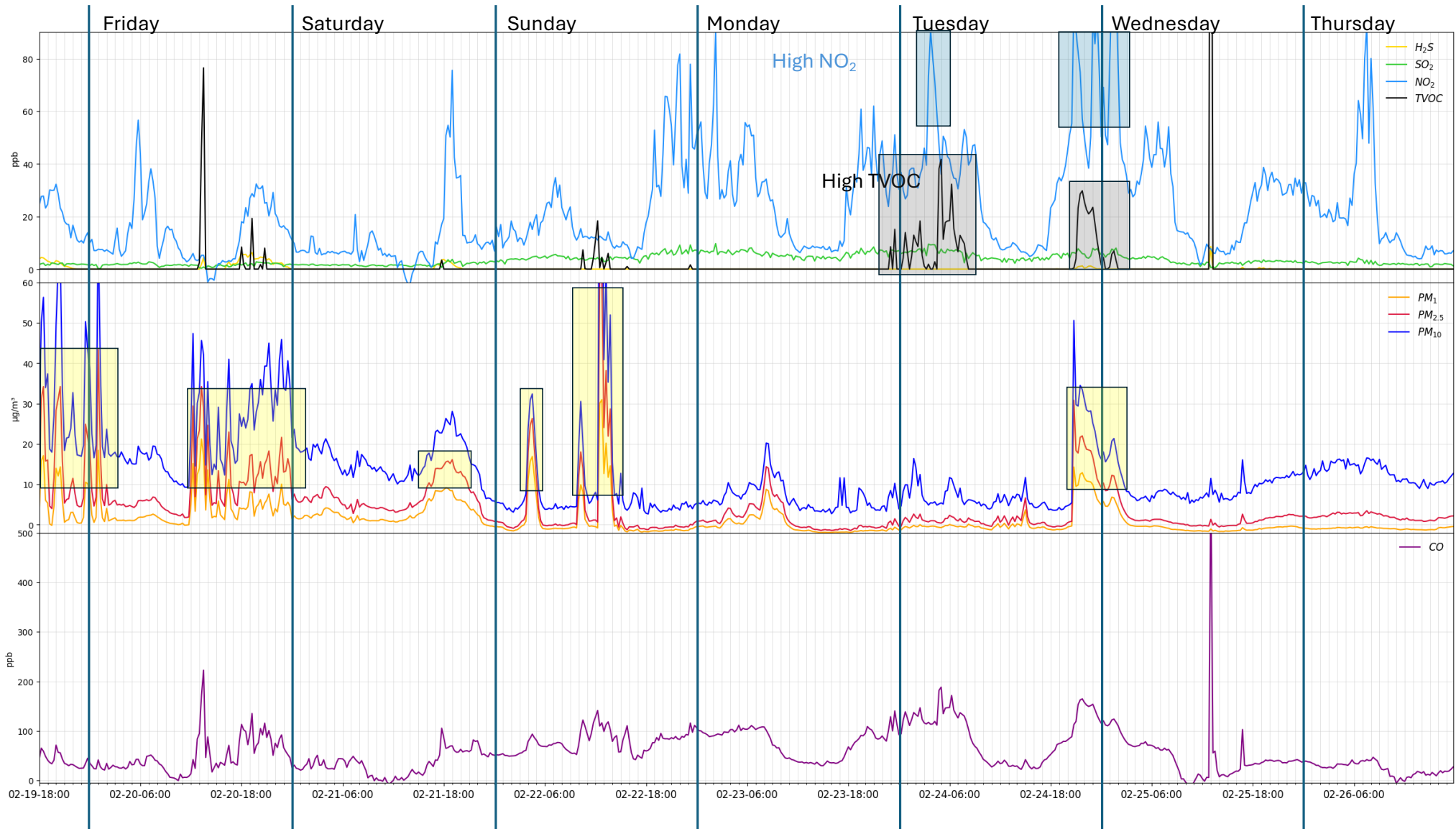
St. James POD

February 20 – February 26, 2026

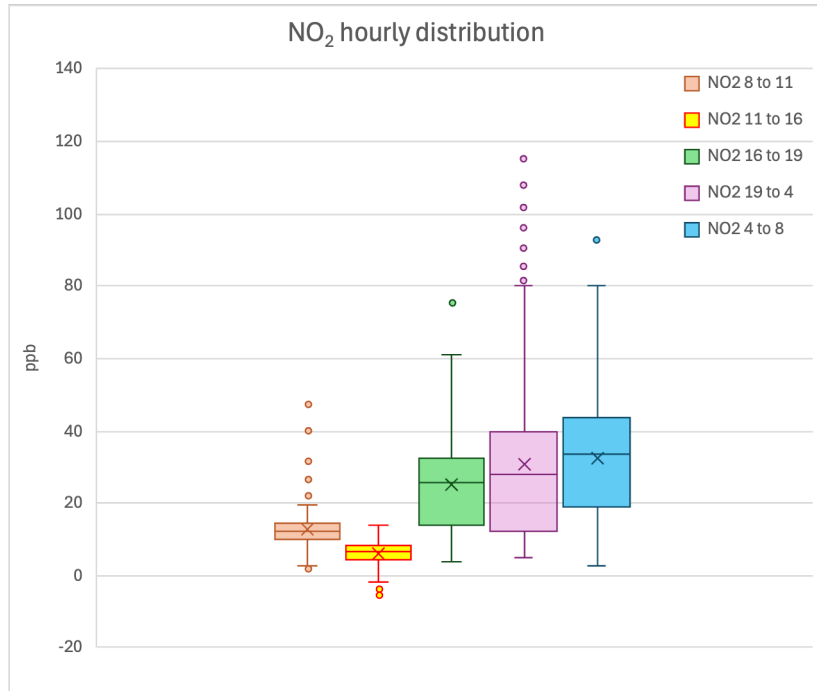
Disclaimer

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.

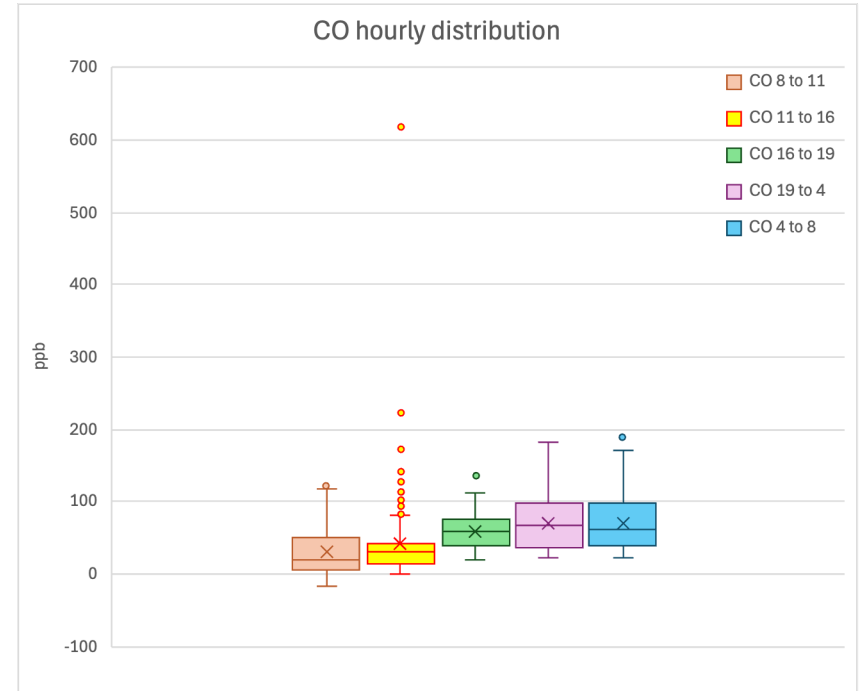
At the same time, most of the sensors are subject to QA/QC procedures and are calibrated and evaluated against official regulatory monitors.



Hourly concentration distribution

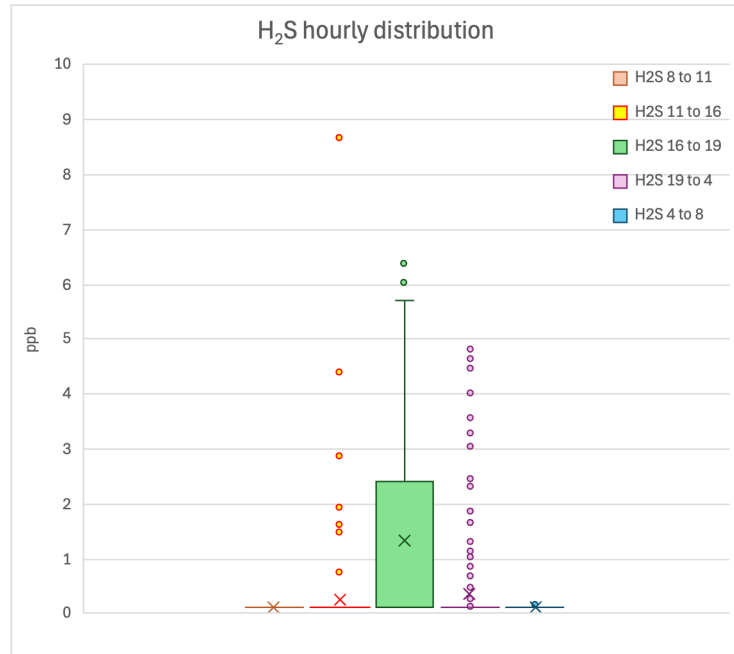


ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	32.6	33.3	19.2	43.9	2.9	92.5	112
NO ₂ 8 to 11	12.9	12.1	9.8	14.5	1.8	47.3	84
NO ₂ 11 to 16	6.1	6.7	4.2	8.4	-5.7	14.2	140
NO ₂ 16 to 19	25.3	26.0	13.8	32.6	4.0	75.6	84
NO ₂ 19 to 4	30.9	27.9	12.4	39.7	5.0	114.9	252

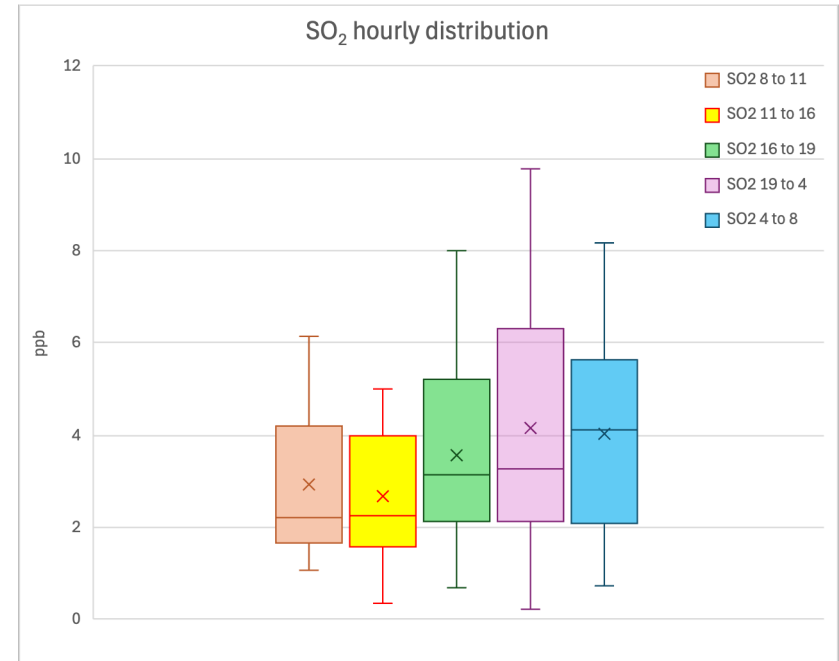


ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	69.3	62.8	39.9	99.1	20.8	188.4	112
CO 8 to 11	29.5	20.1	5.2	51.2	-16.1	122.1	84
CO 11 to 16	42.1	29.7	15.1	41.9	-1.6	619.5	140
CO 16 to 19	58.4	57.6	38.9	75.6	18.4	135.3	84
CO 19 to 4	71.1	68.0	35.8	97.5	20.9	181.9	252

Hourly concentration distribution



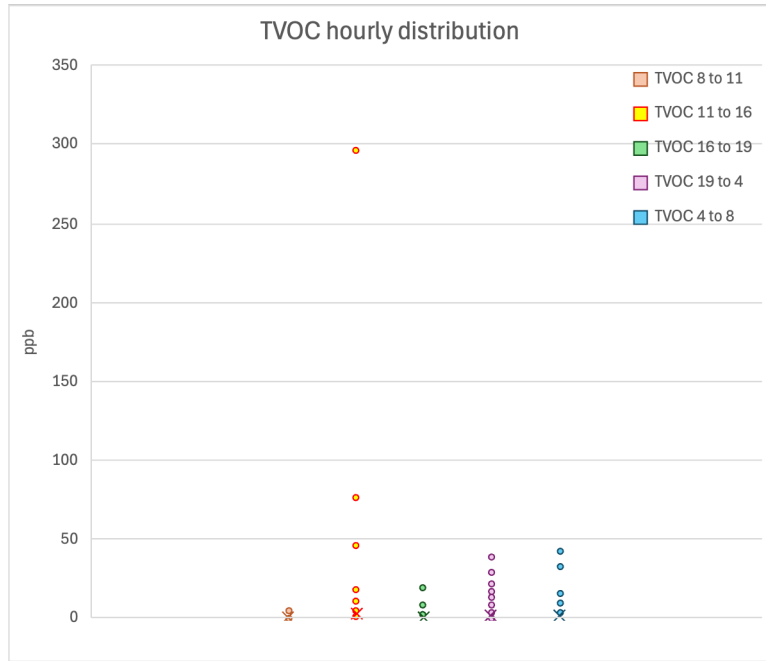
ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	0.1	0.1	0.1	0.1	0.1	0.2	112
H ₂ S 8 to 11	0.1	0.1	0.1	0.1	0.1	0.1	84
H ₂ S 11 to 16	0.3	0.1	0.1	0.1	0.1	8.7	140
H ₂ S 16 to 19	1.3	0.1	0.1	2.4	0.1	6.4	84
H ₂ S 19 to 4	0.4	0.1	0.1	0.1	0.1	4.8	252



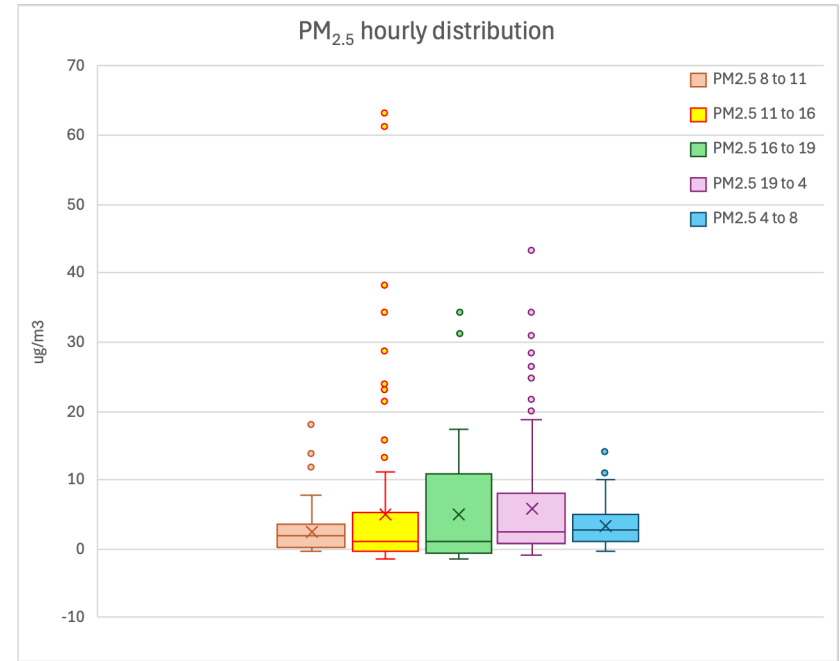
ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	4.0	4.1	2.1	5.6	0.7	8.2	112
SO ₂ 8 to 11	2.9	2.2	1.7	4.2	1.1	6.1	84
SO ₂ 11 to 16	2.7	2.3	1.6	4.0	0.3	5.0	140
SO ₂ 16 to 19	3.5	3.1	2.1	5.2	0.7	8.0	84
SO ₂ 19 to 4	4.2	3.3	2.1	6.3	0.2	9.8	252

H₂S data is not referenced and calibrated against regulatory monitor

Hourly concentration distribution

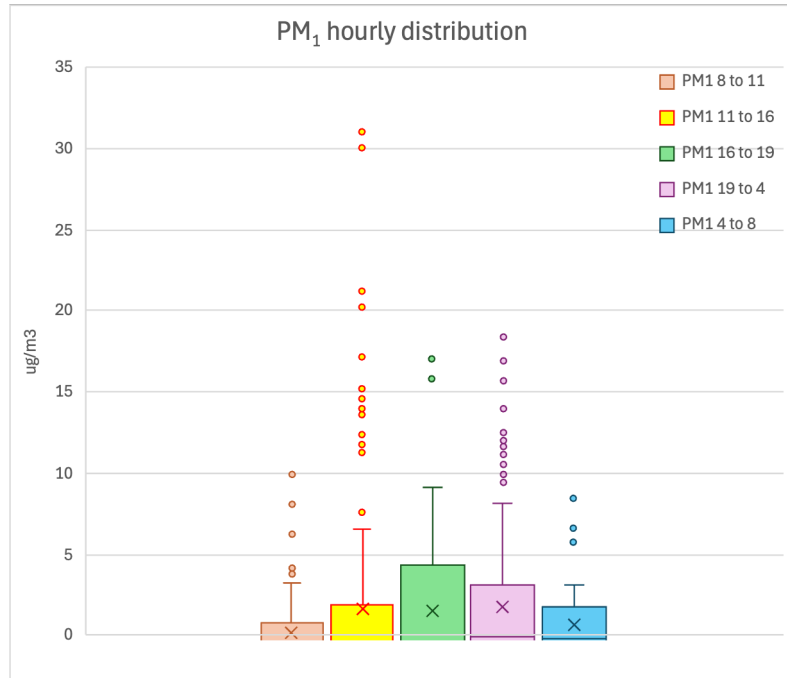


ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	2.0	0.1	0.1	0.1	0.1	41.8	112
TVOC 8 to 11	0.2	0.1	0.1	0.1	0.1	7.4	84
TVOC 11 to 16	3.4	0.1	0.1	0.1	0.1	296.7	140
TVOC 16 to 19	0.5	0.1	0.1	0.1	0.1	19.4	84
TVOC 19 to 4	1.8	0.1	0.1	0.1	0.1	38.2	252



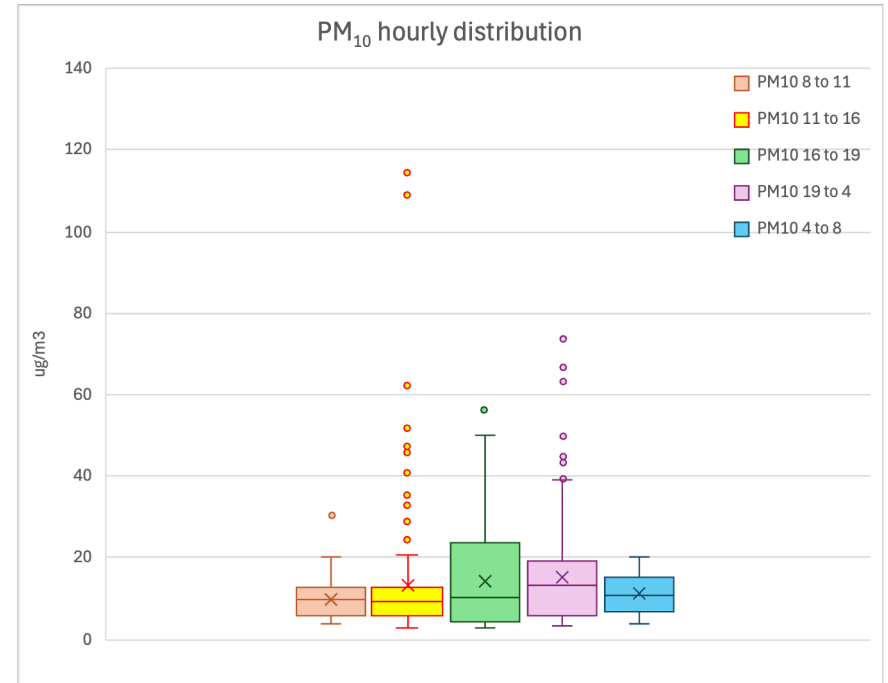
ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	3.2	2.8	1.1	5.0	-0.3	14.4	112
PM _{2.5} 8 to 11	2.4	1.8	0.3	3.6	-0.4	18.0	84
PM _{2.5} 11 to 16	4.9	1.1	-0.3	5.2	-1.4	63.1	140
PM _{2.5} 16 to 19	5.0	1.0	-0.6	10.9	-1.4	34.2	84
PM _{2.5} 19 to 4	5.7	2.6	0.9	8.2	-0.9	43.4	252

Hourly concentration distribution

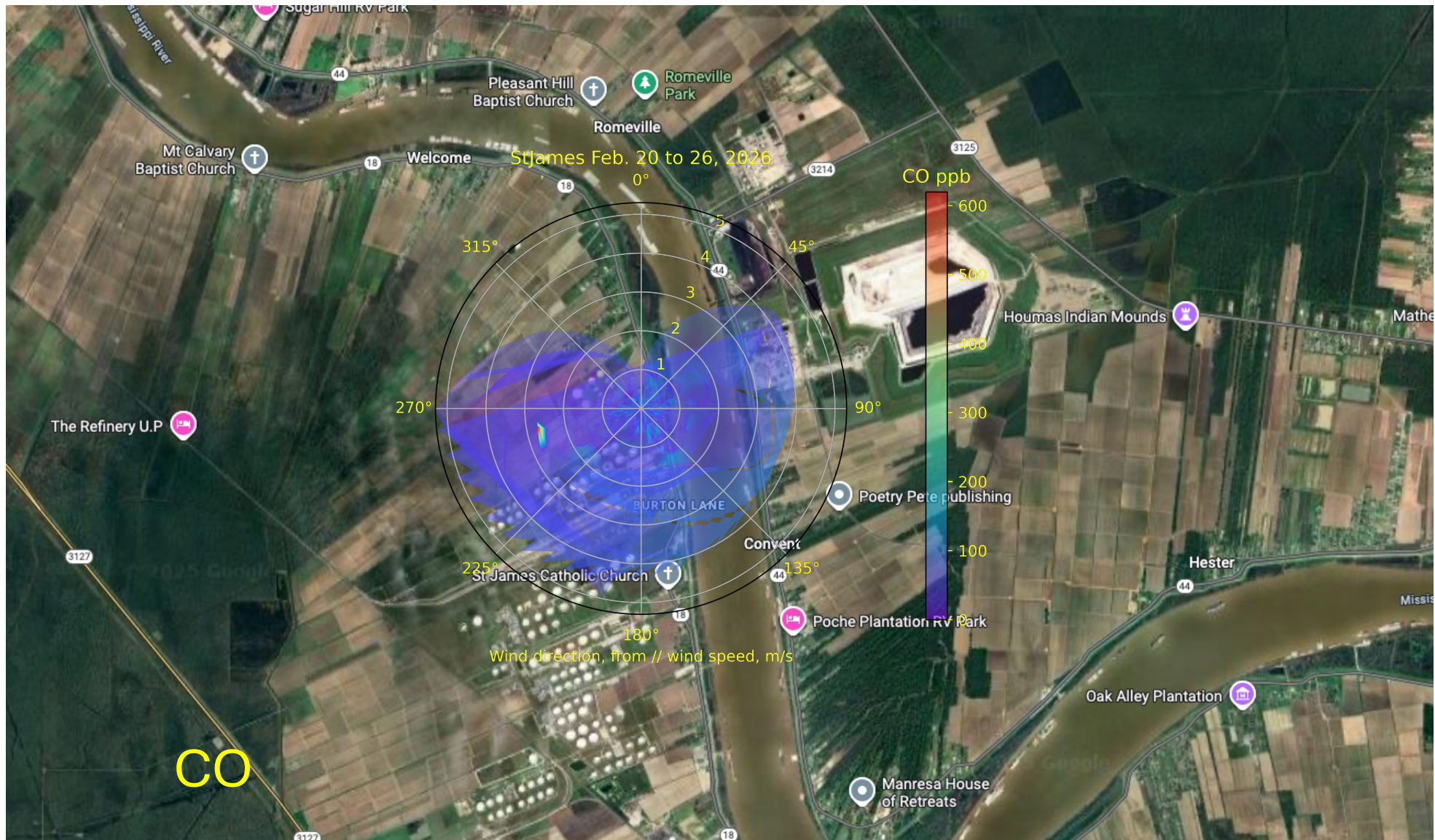


ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	0.7	-0.3	-0.7	1.8	-1.2	8.8	112
PM ₁ 8 to 11	0.2	-0.4	-1.0	0.8	-1.6	9.9	84
PM ₁ 11 to 16	1.6	-0.8	-1.5	1.9	-2.0	31.0	140
PM ₁ 16 to 19	1.5	-0.9	-1.5	4.3	-1.9	17.1	84
PM ₁ 19 to 4	1.8	-0.1	-0.8	3.2	-1.6	18.4	252

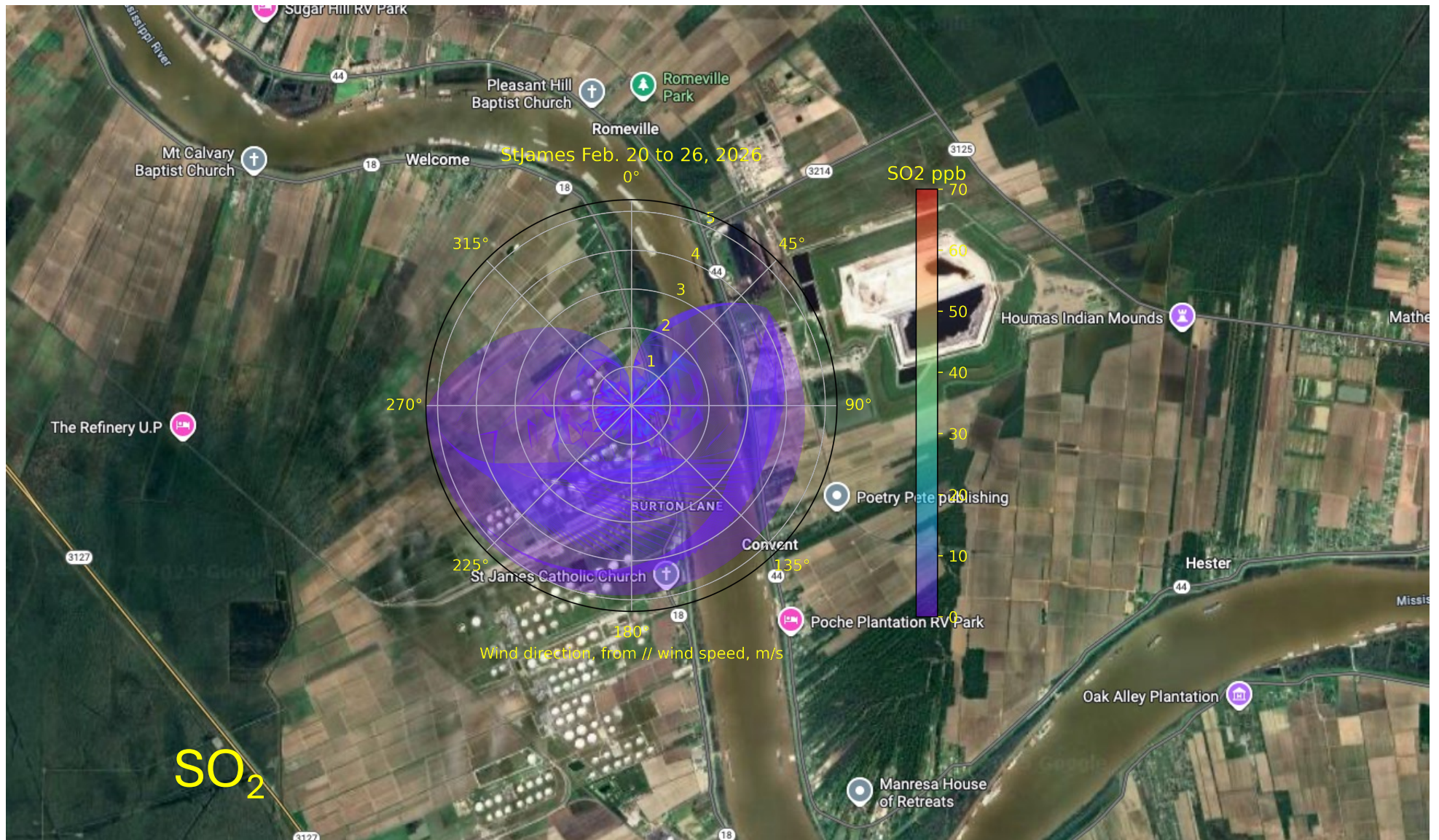
PM₁ data is not referenced and calibrated against regulatory monitor

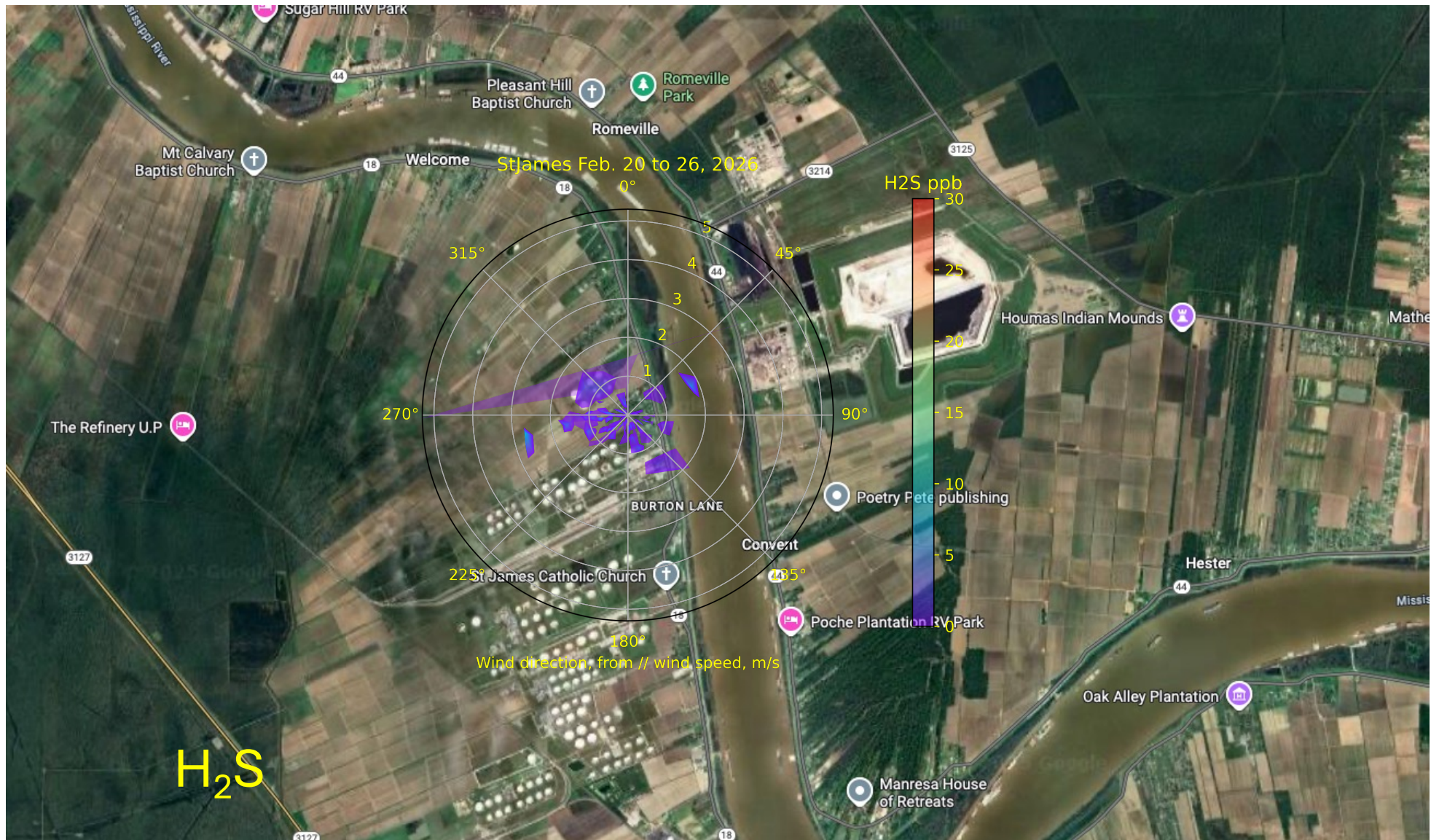


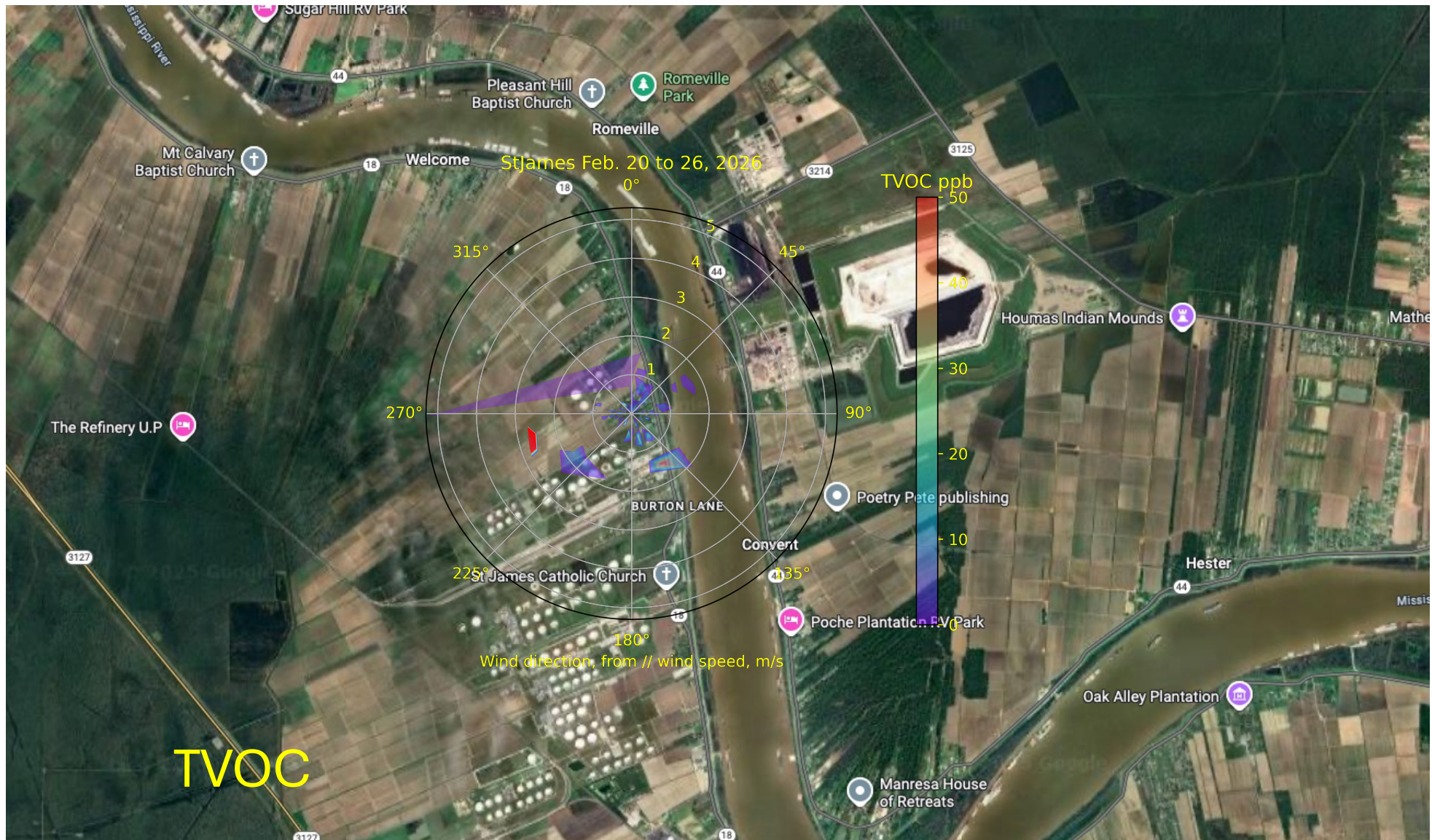
ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	11.2	10.8	6.8	15.2	3.8	20.2	112
PM ₁₀ 8 to 11	9.7	9.7	5.8	12.9	3.9	30.5	84
PM ₁₀ 11 to 16	13.2	9.0	5.8	12.8	2.7	114.7	140
PM ₁₀ 16 to 19	14.3	10.3	4.3	23.5	2.7	56.3	84
PM ₁₀ 19 to 4	15.4	13.0	5.9	19.3	3.1	73.9	252

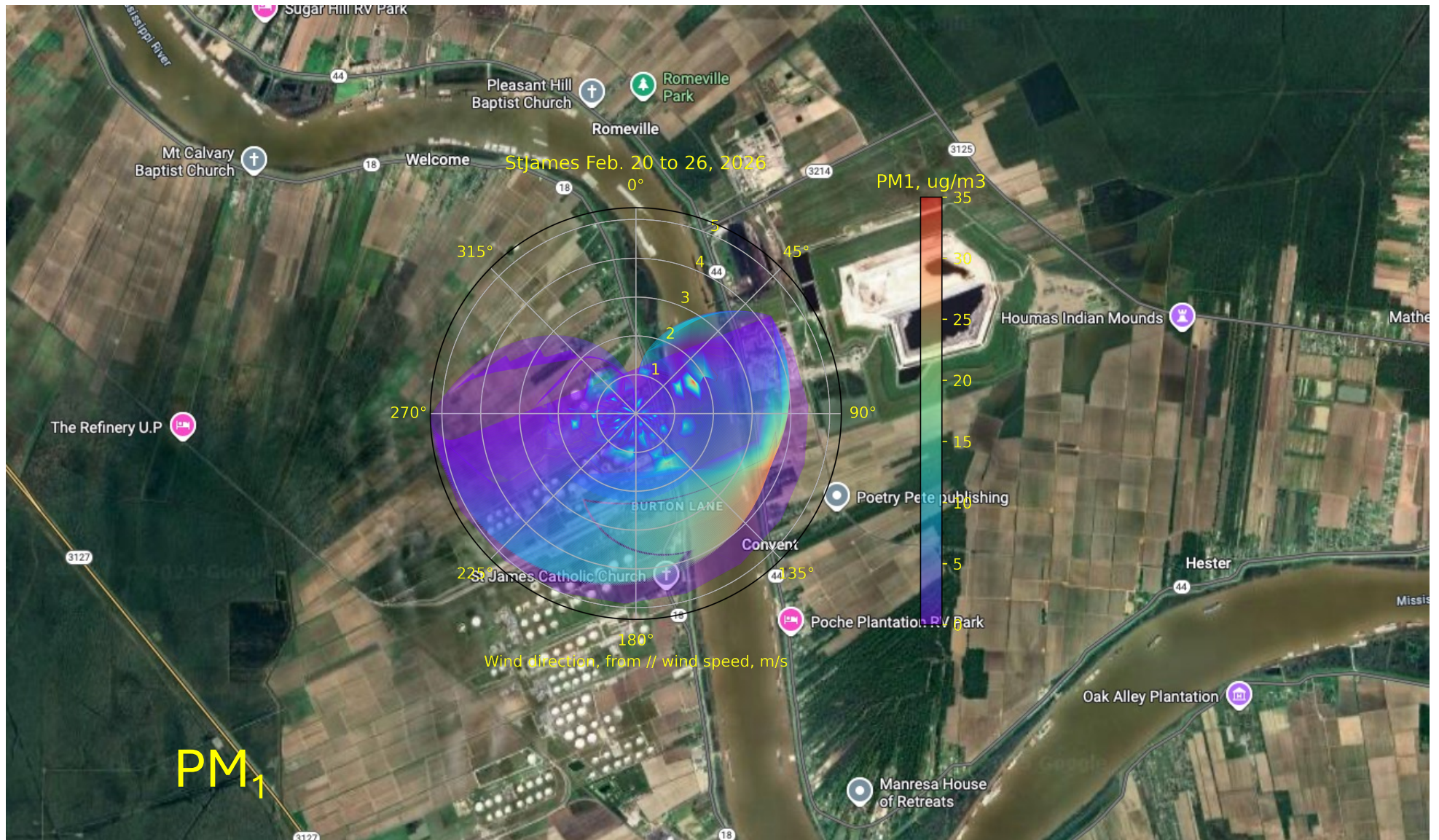


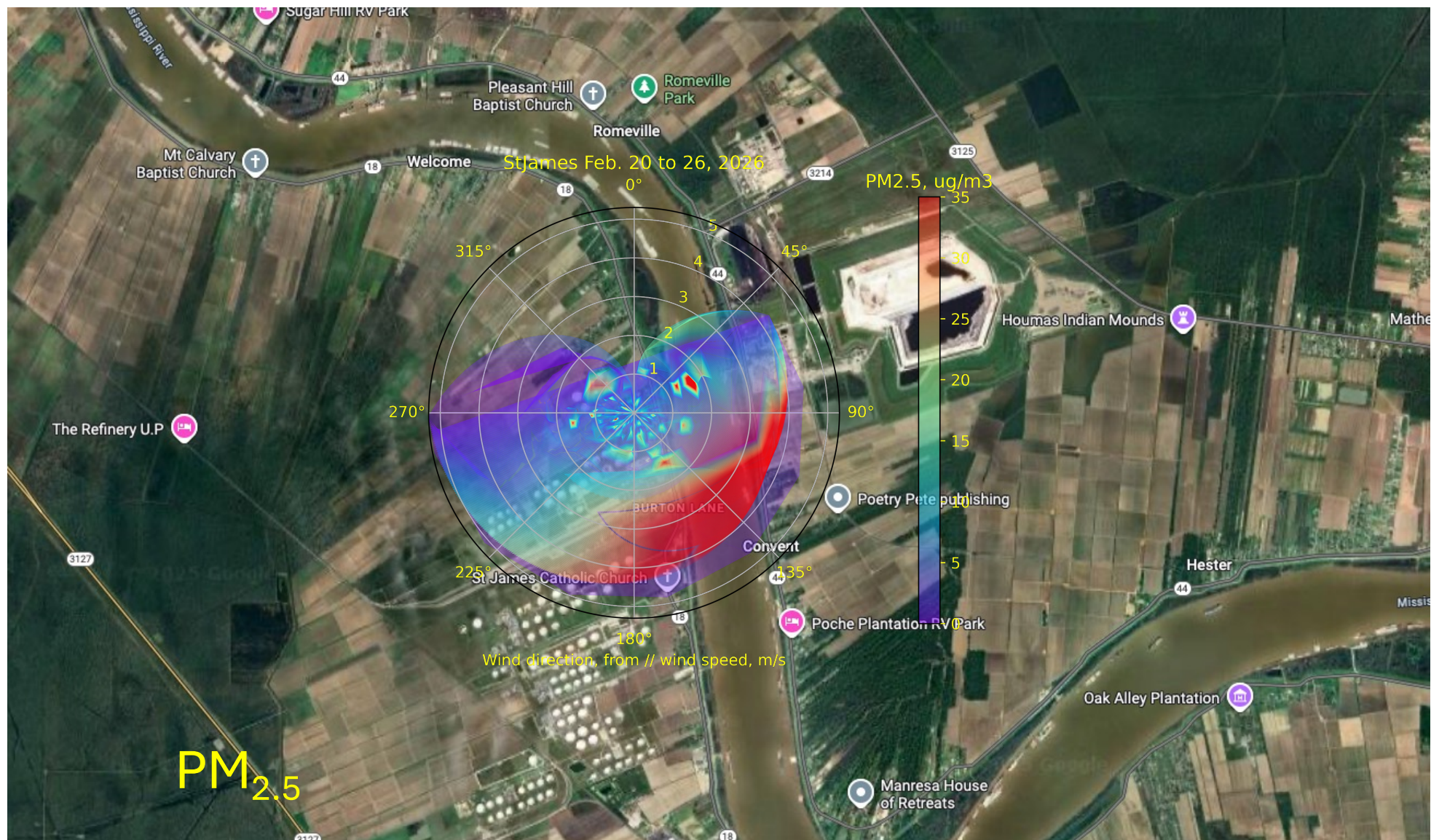


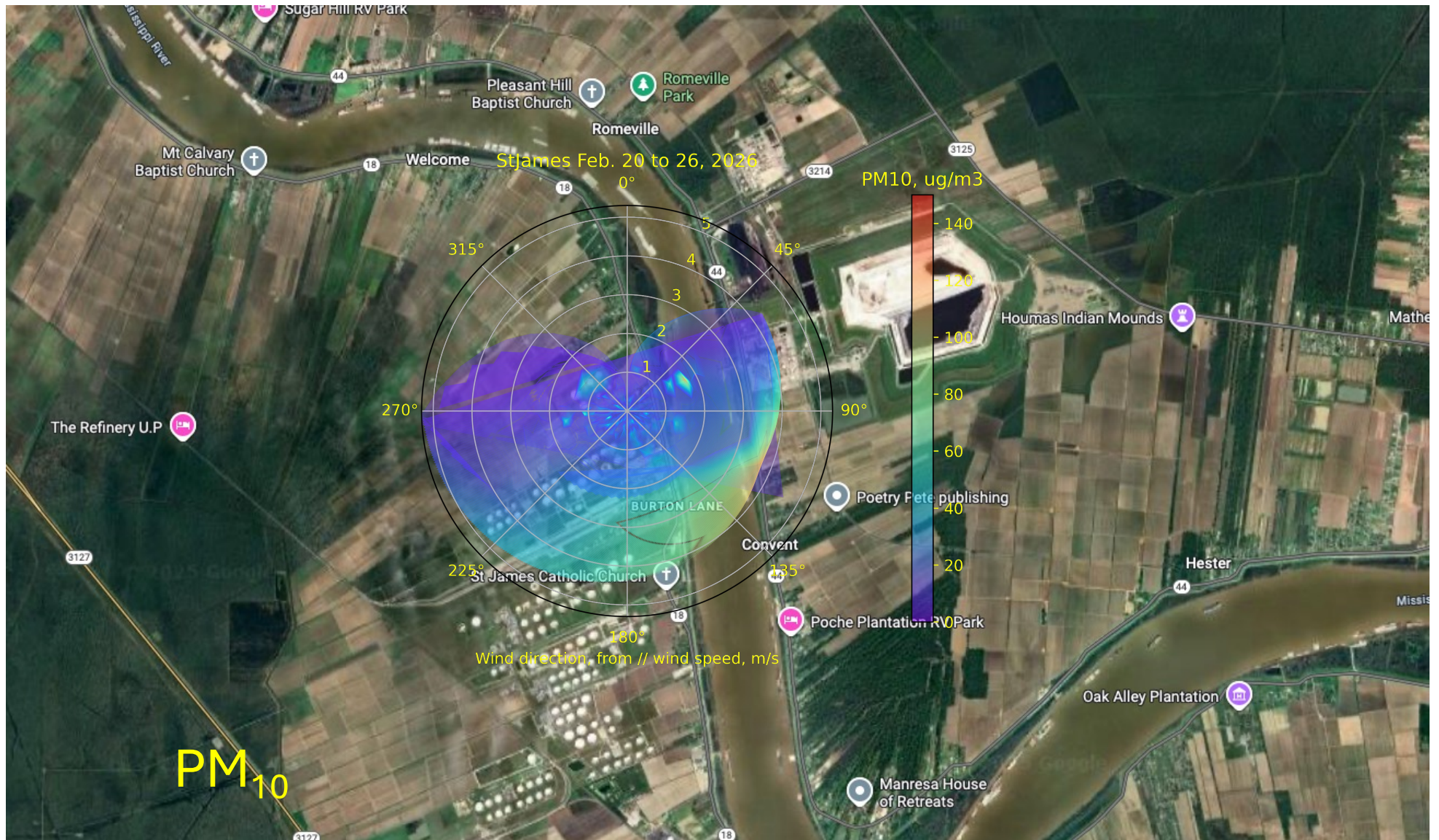














St. James POD 2/20-2/26

- PM2.5 is wind driven from North-East and South-East direction making at times very high local PM2.5 level.
- non-directional elevated NO₂ plus a directional NO₂ influx from North-East