

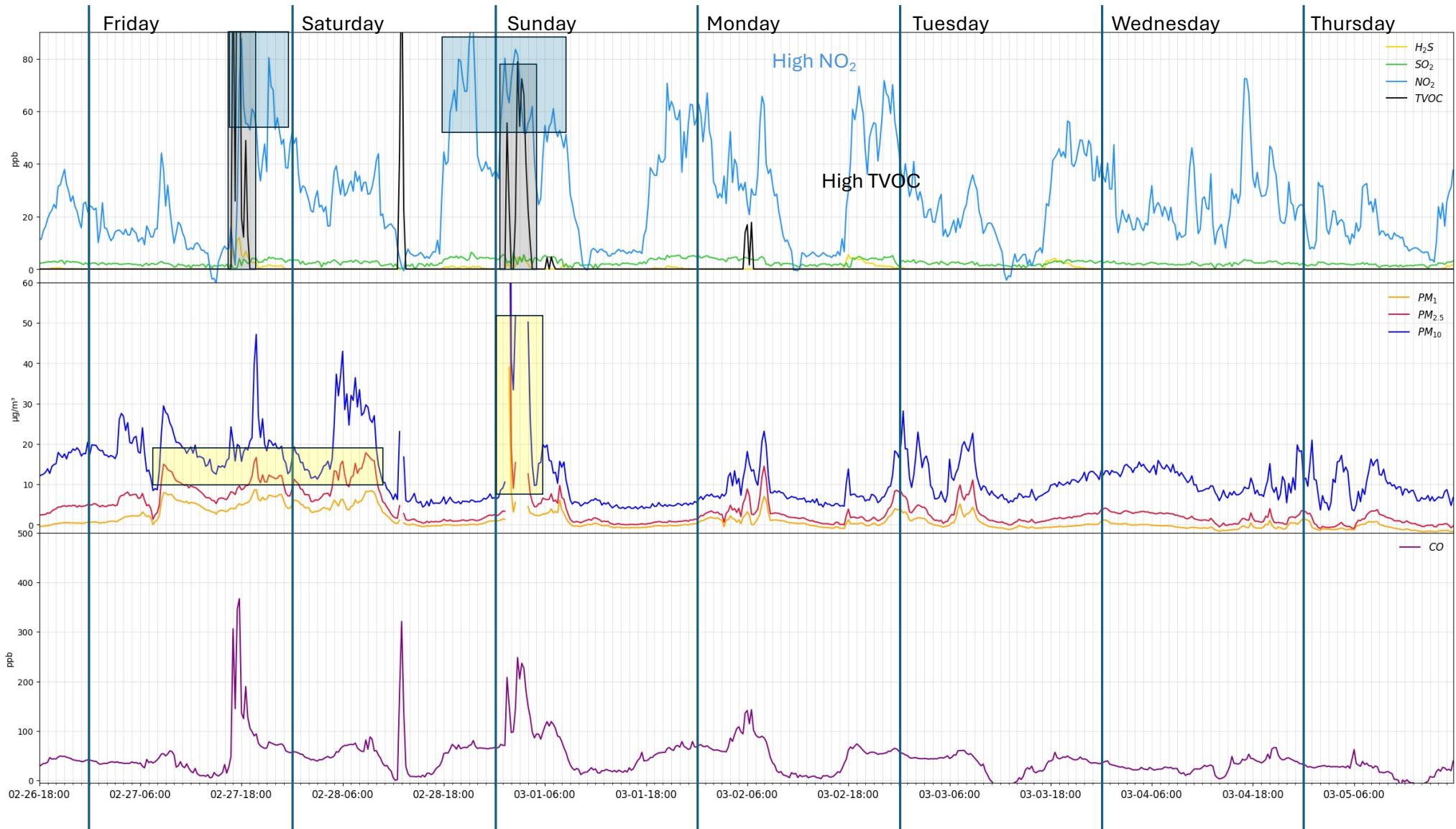
St. James POD

February 27 – March 5, 2026

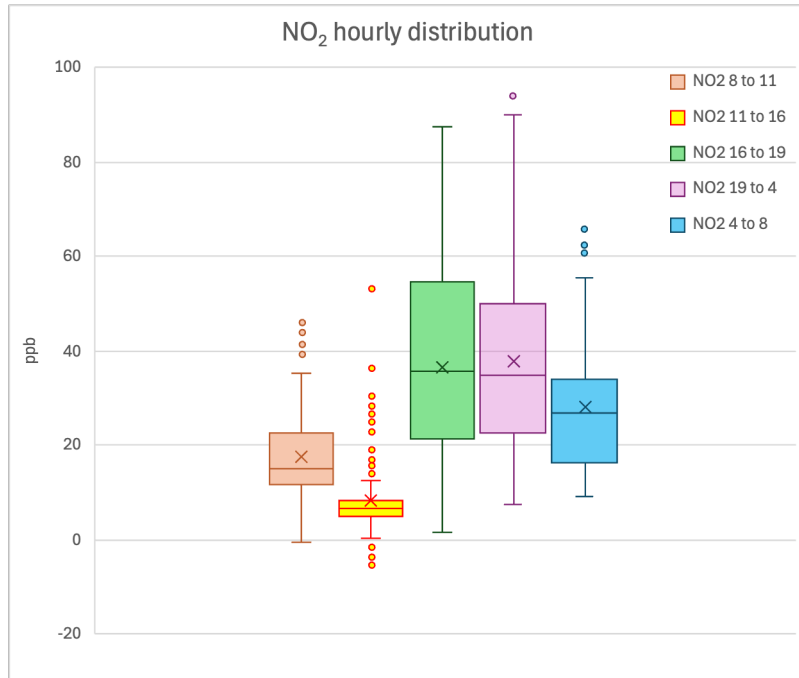
Disclaimer

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.

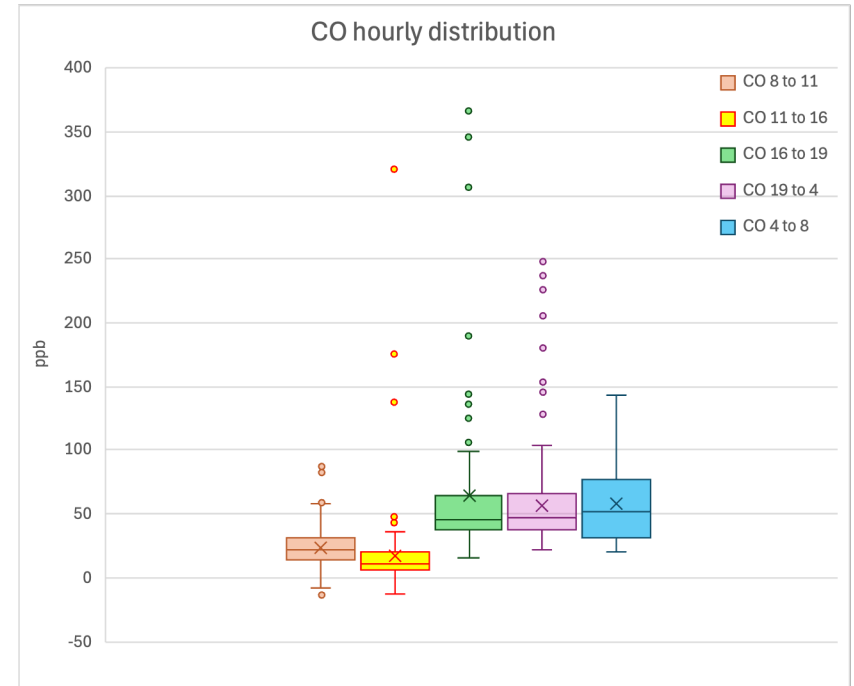
At the same time, most of the sensors are subject to QA/QC procedures and are calibrated and evaluated against official regulatory monitors.



Hourly concentration distribution

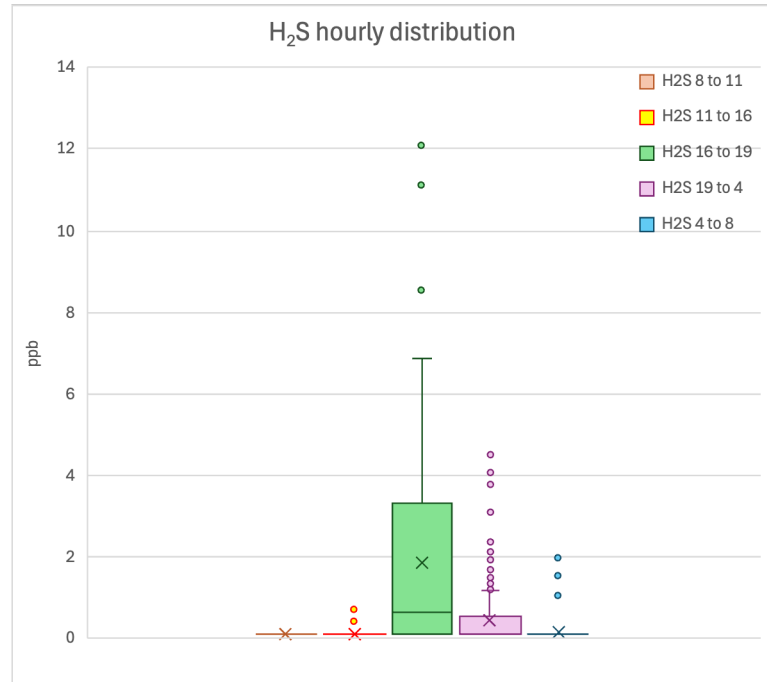


ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	28.1	26.9	16.6	33.9	9.3	65.7	112
NO ₂ 8 to 11	17.5	15.0	11.9	22.7	-0.3	46.1	84
NO ₂ 11 to 16	8.5	6.6	5.1	8.2	-5.4	53.3	140
NO ₂ 16 to 19	36.6	35.7	21.5	54.8	1.7	87.7	84
NO ₂ 19 to 4	37.7	35.0	22.6	50.8	7.7	94.2	252

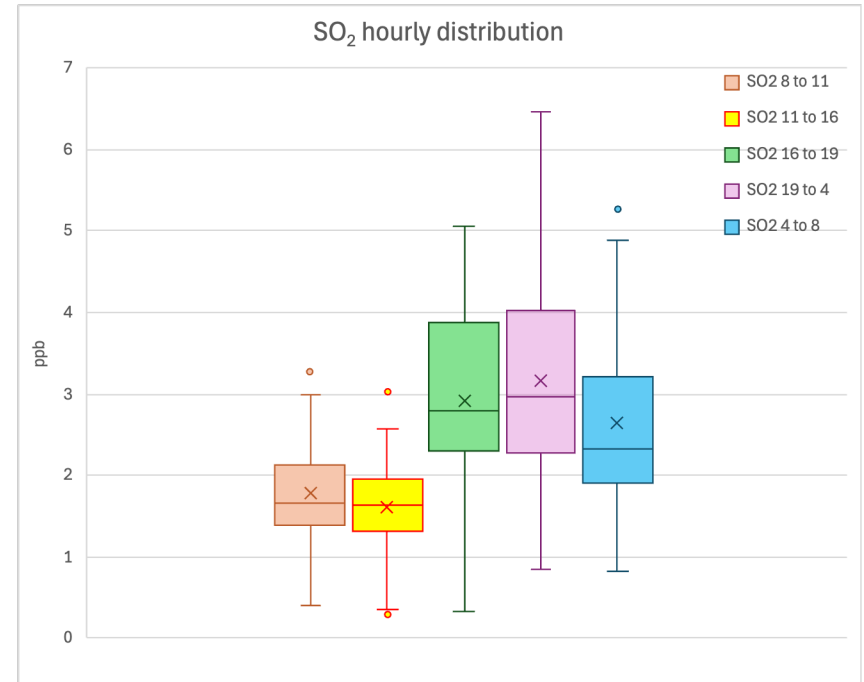


ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	57.7	51.4	31.4	77.5	21.1	142.9	112
CO 8 to 11	24.3	21.1	13.7	31.7	-13.7	88.1	84
CO 11 to 16	17.2	11.6	6.1	20.7	-12.1	321.2	140
CO 16 to 19	64.0	45.8	38.4	64.2	16.1	367.1	84
CO 19 to 4	55.9	47.5	38.2	65.7	21.4	248.3	252

Hourly concentration distribution



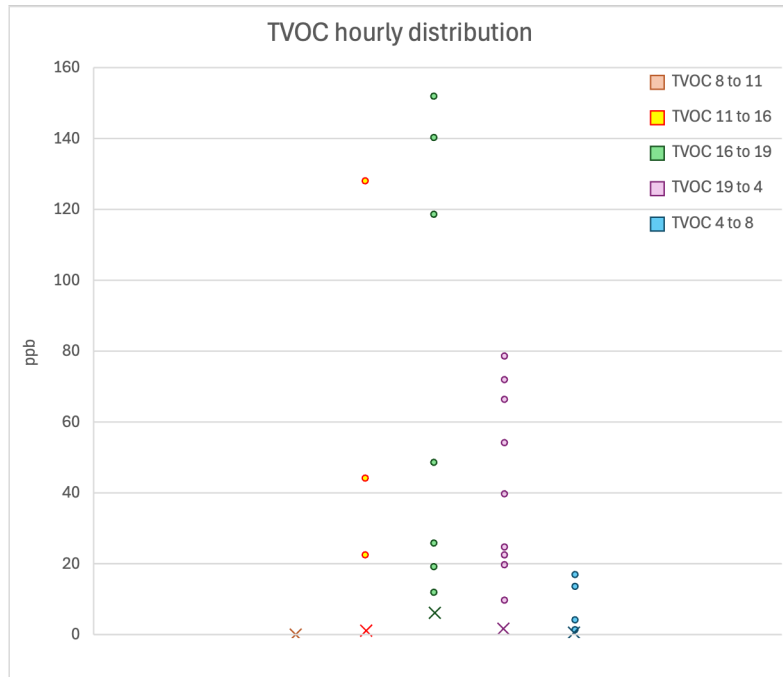
ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	0.1	0.1	0.1	0.1	0.1	2.0	112
H ₂ S 8 to 11	0.1	0.1	0.1	0.1	0.1	0.1	84
H ₂ S 11 to 16	0.1	0.1	0.1	0.1	0.1	0.7	140
H ₂ S 16 to 19	1.9	0.7	0.1	3.3	0.1	12.1	84
H ₂ S 19 to 4	0.5	0.1	0.1	0.6	0.1	4.5	252



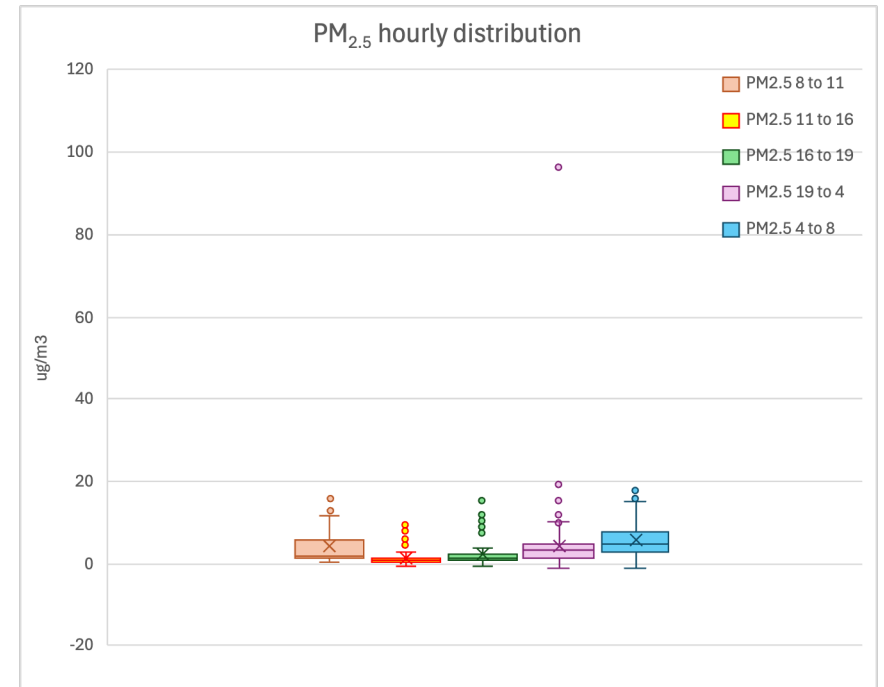
ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	2.6	2.3	1.9	3.2	0.8	5.3	112
SO ₂ 8 to 11	1.8	1.7	1.4	2.1	0.4	3.3	84
SO ₂ 11 to 16	1.6	1.6	1.3	2.0	0.3	3.0	140
SO ₂ 16 to 19	2.9	2.8	2.3	3.9	0.3	5.1	84
SO ₂ 19 to 4	3.2	3.0	2.3	4.0	0.8	6.5	252

H₂S data is not referenced and calibrated against regulatory monitor

Hourly concentration distribution

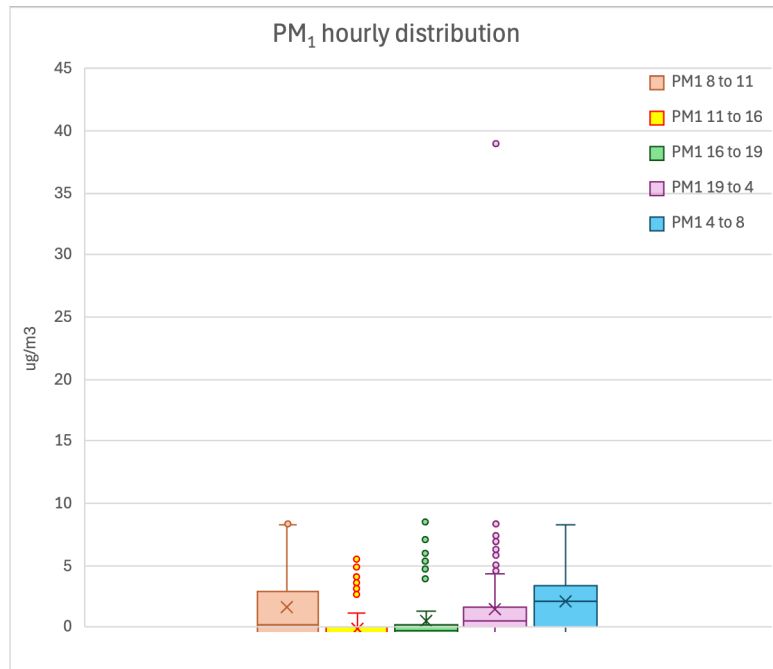


ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	0.7	0.1	0.1	0.1	0.1	17.8	112
TVOC 8 to 11	0.1	0.1	0.1	0.1	0.1	0.1	84
TVOC 11 to 16	1.5	0.1	0.1	0.1	0.1	128.1	140
TVOC 16 to 19	6.4	0.1	0.1	0.1	0.1	151.9	84
TVOC 19 to 4	1.9	0.1	0.1	0.1	0.1	78.8	252



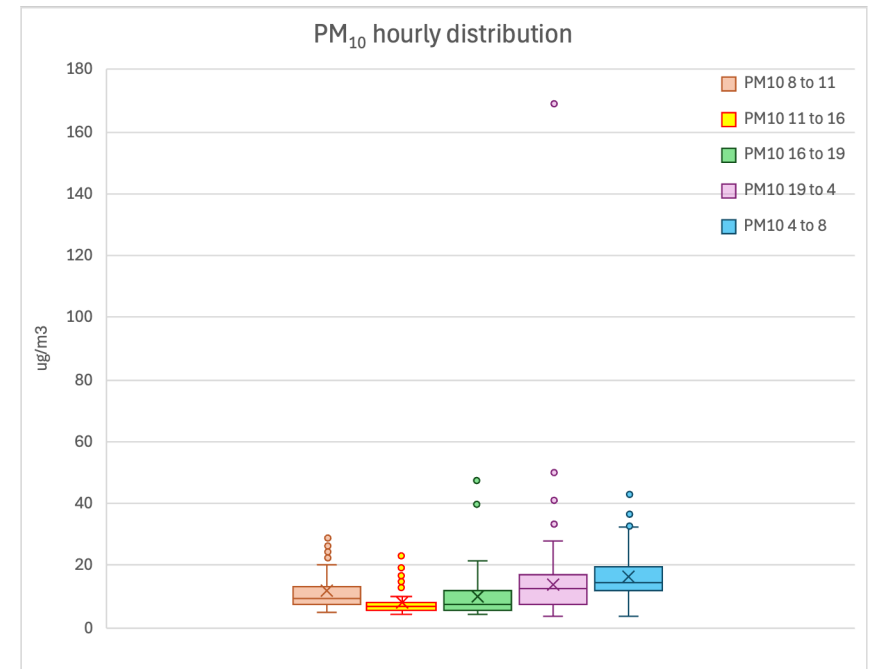
ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	5.9	4.9	2.7	7.7	-0.9	17.8	112
PM _{2.5} 8 to 11	4.2	2.1	1.2	5.6	0.5	17.2	84
PM _{2.5} 11 to 16	1.6	0.7	0.2	1.4	-0.5	9.7	139
PM _{2.5} 16 to 19	2.5	1.3	0.7	2.4	-0.8	16.7	84
PM _{2.5} 19 to 4	4.3	3.1	1.5	5.0	-0.9	96.3	247

Hourly concentration distribution

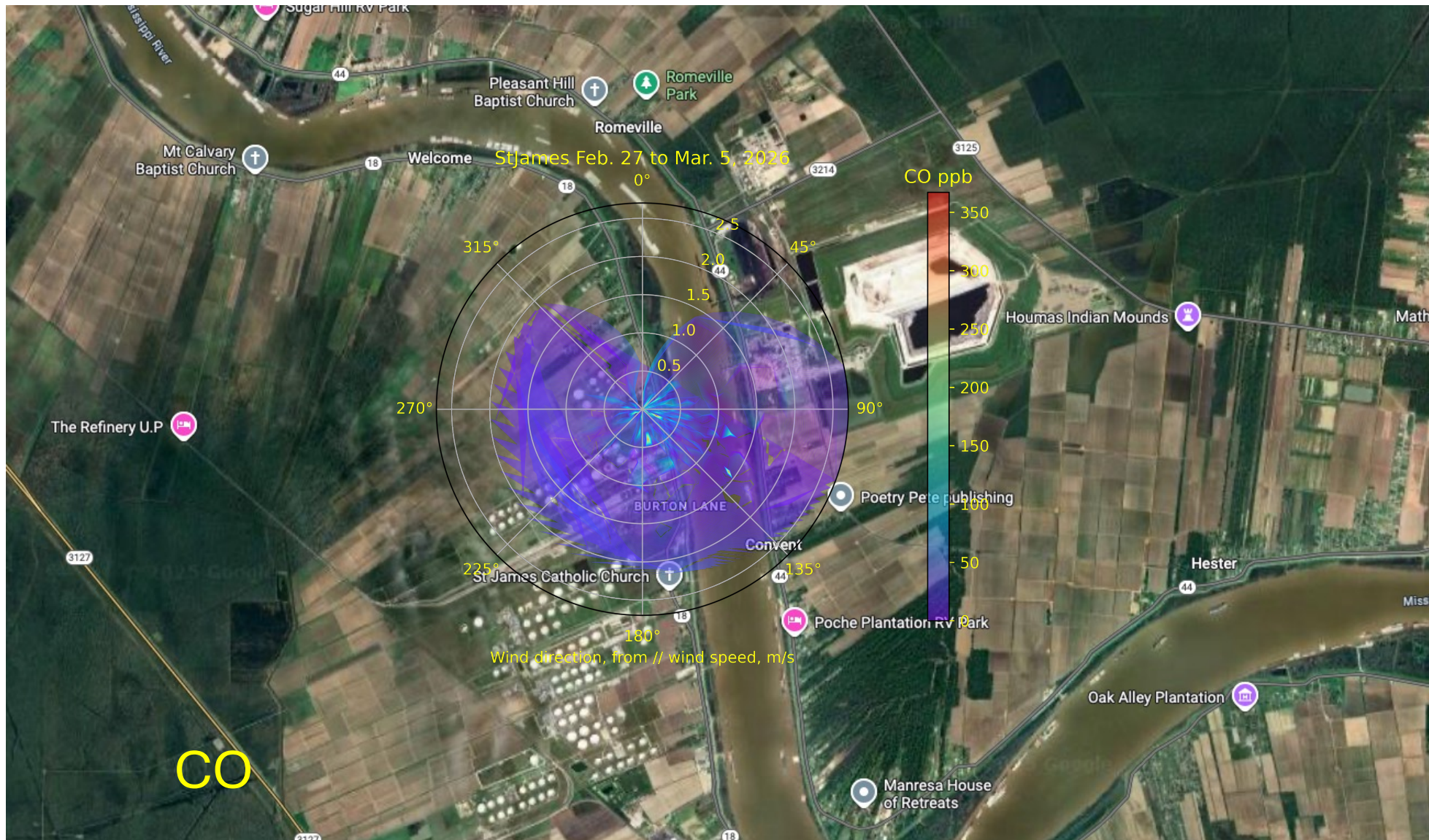


ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	2.1	2.1	0.0	3.4	-1.3	8.3	112
PM ₁ 8 to 11	1.6	0.2	-0.6	3.0	-1.3	8.4	84
PM ₁ 11 to 16	0.0	-0.6	-1.0	0.1	-1.7	5.5	139
PM ₁ 16 to 19	0.5	-0.3	-0.7	0.2	-1.7	8.7	84
PM ₁ 19 to 4	1.4	0.5	0.0	1.7	-1.4	39.0	247

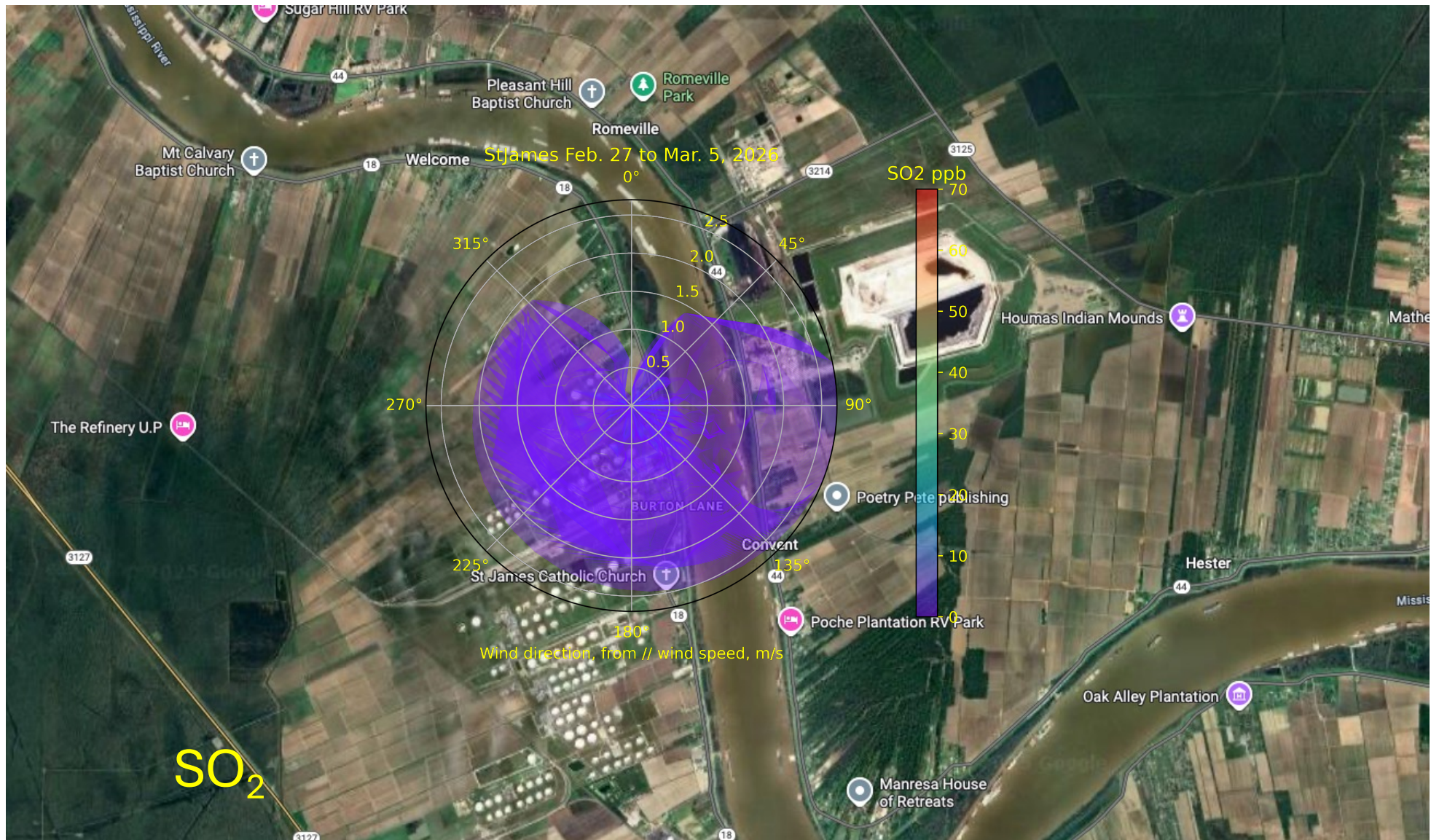
PM₁ data is not referenced and calibrated against regulatory monitor

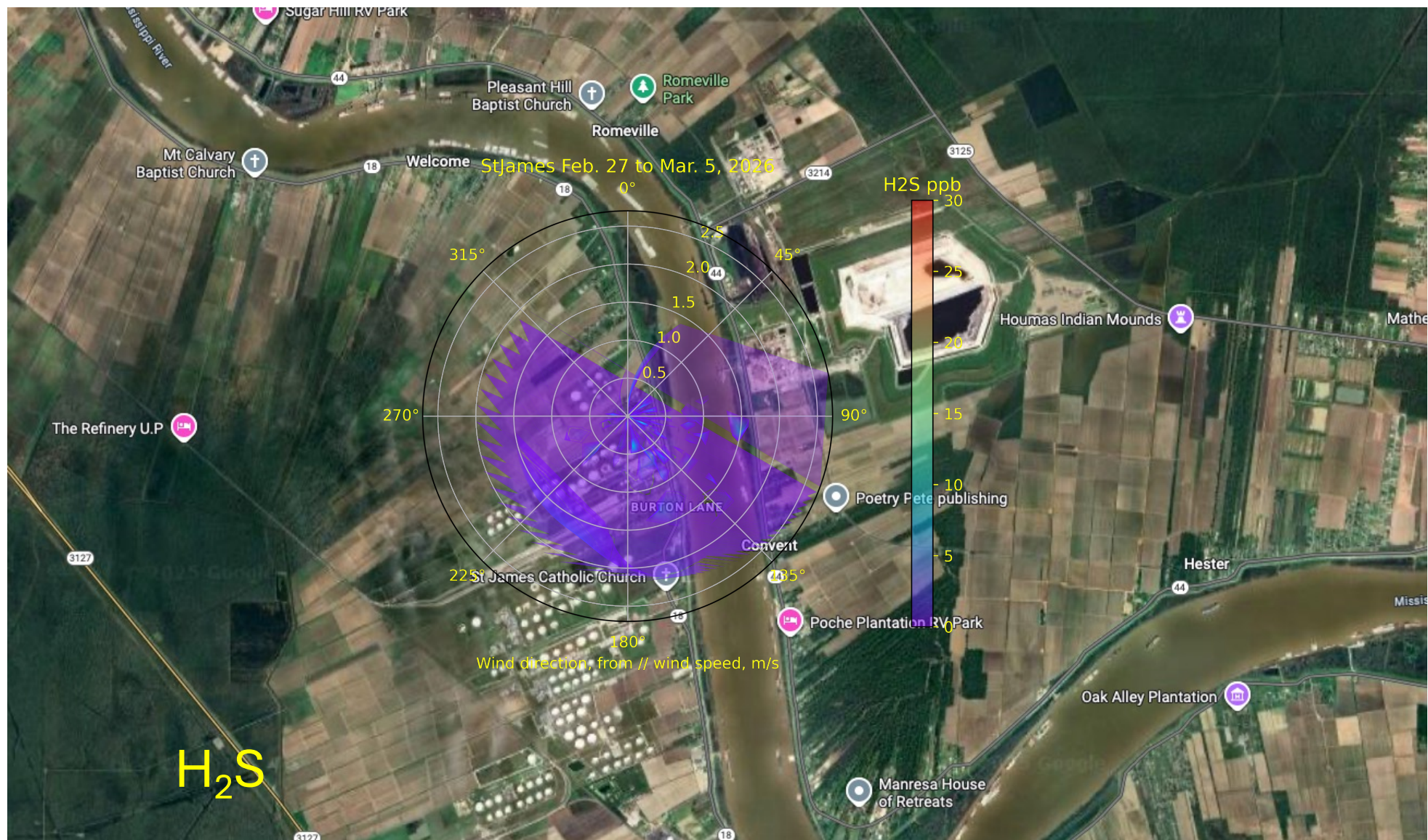


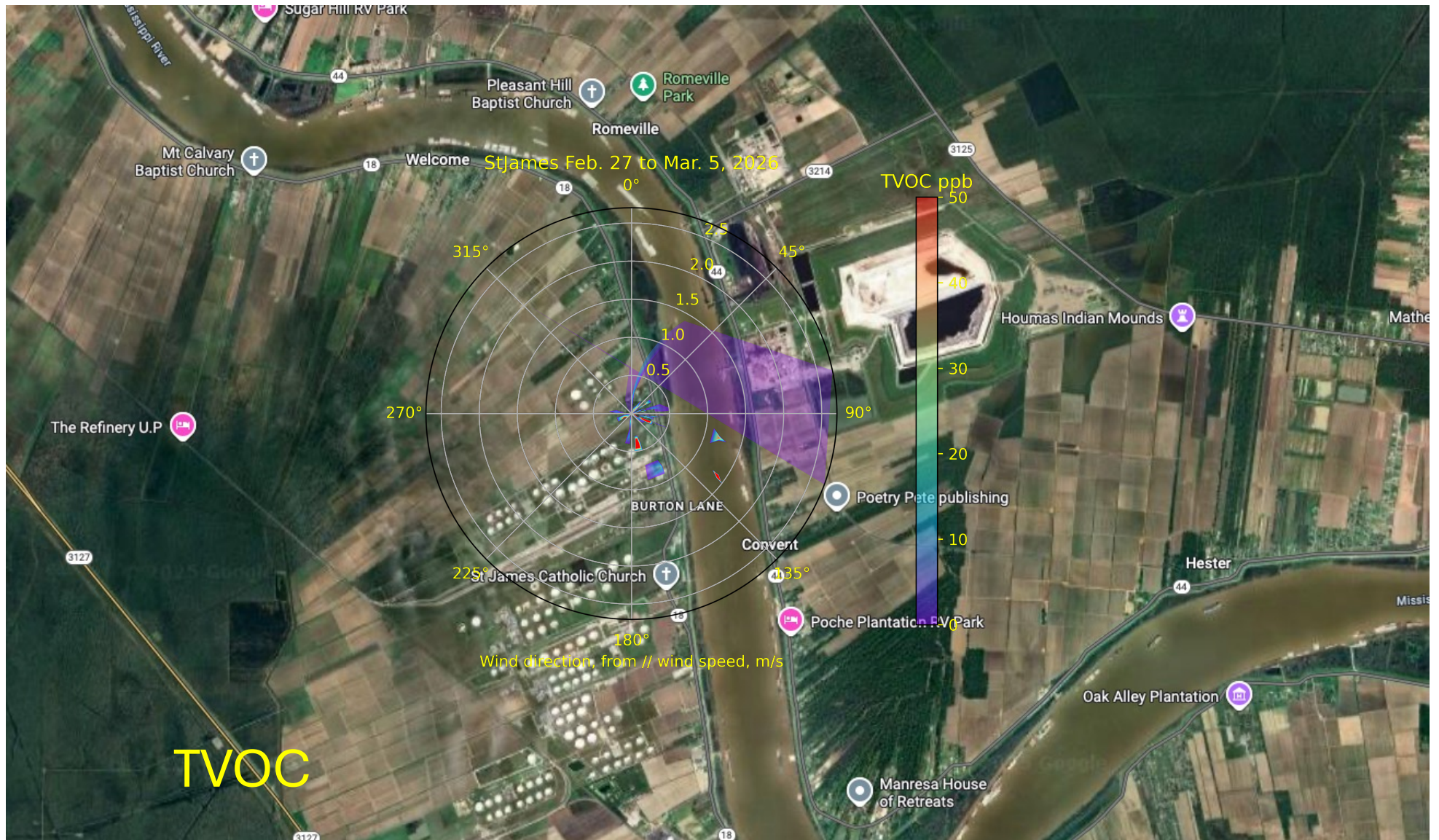
ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	16.5	14.6	11.6	19.9	3.4	43.0	112
PM ₁₀ 8 to 11	11.7	9.6	7.3	13.1	4.6	29.1	84
PM ₁₀ 11 to 16	7.9	6.6	5.6	8.3	4.0	24.3	139
PM ₁₀ 16 to 19	10.0	7.7	5.5	11.9	3.9	47.2	84
PM ₁₀ 19 to 4	13.8	12.4	7.1	17.2	3.6	168.8	247

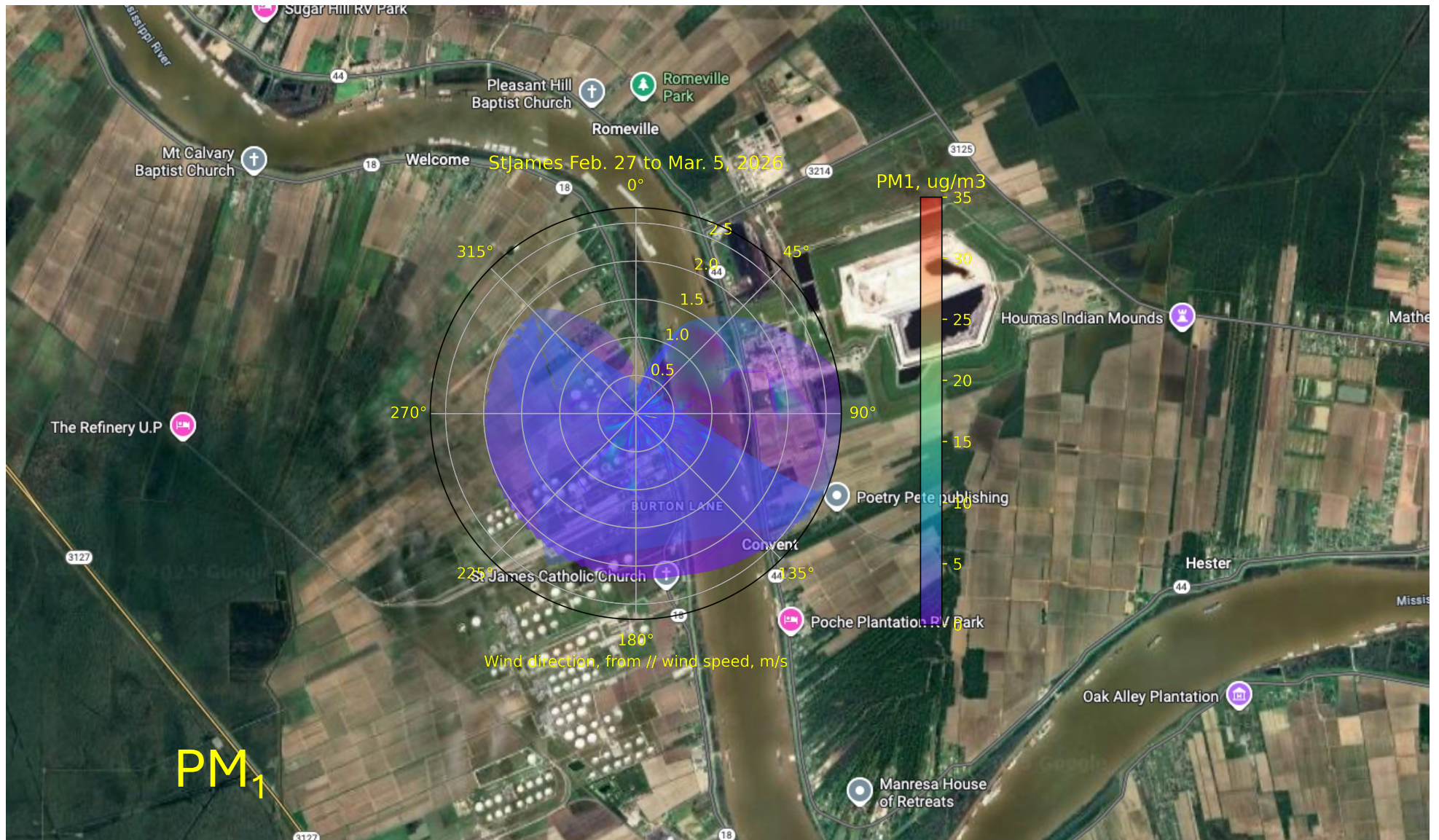


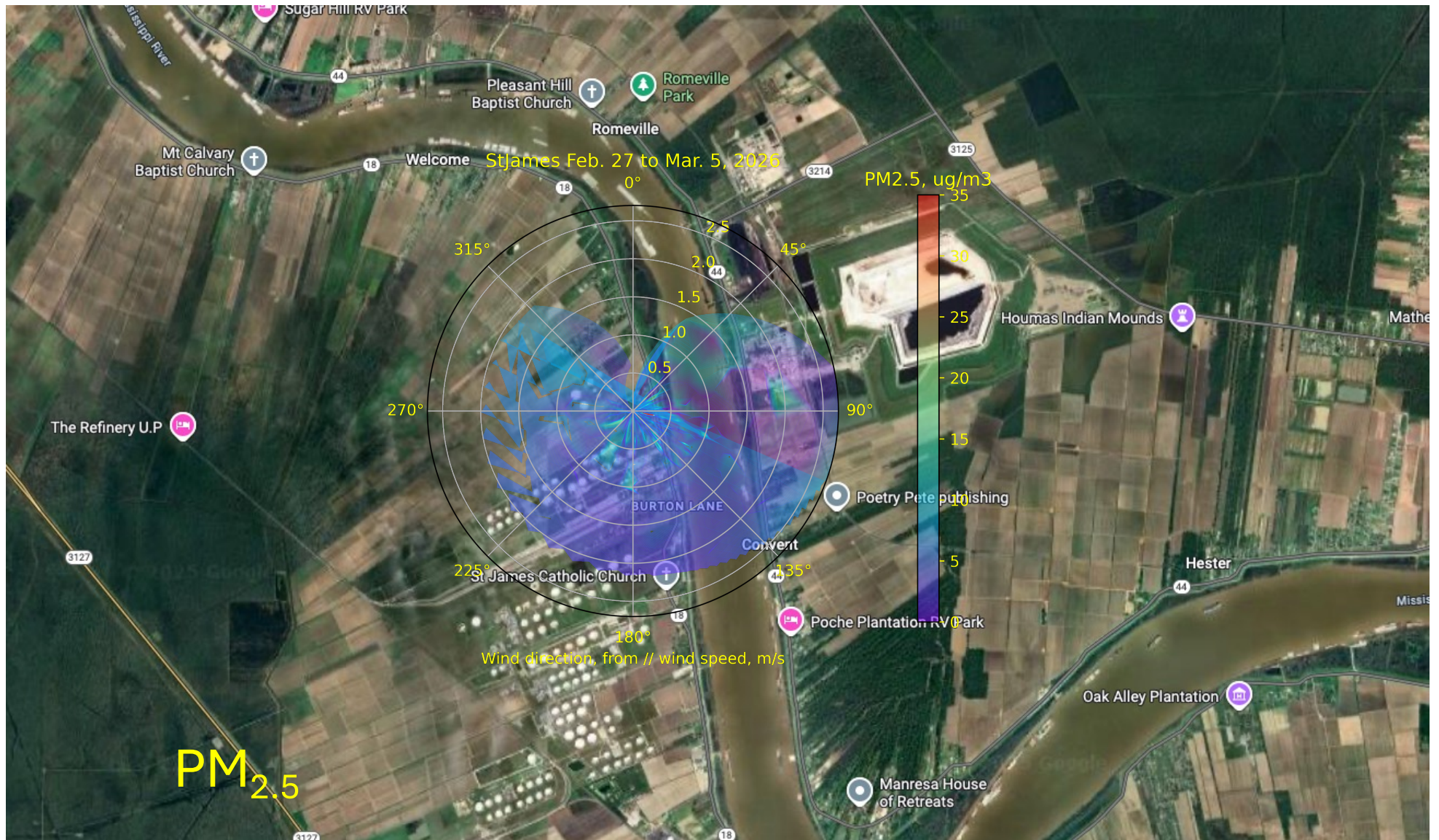


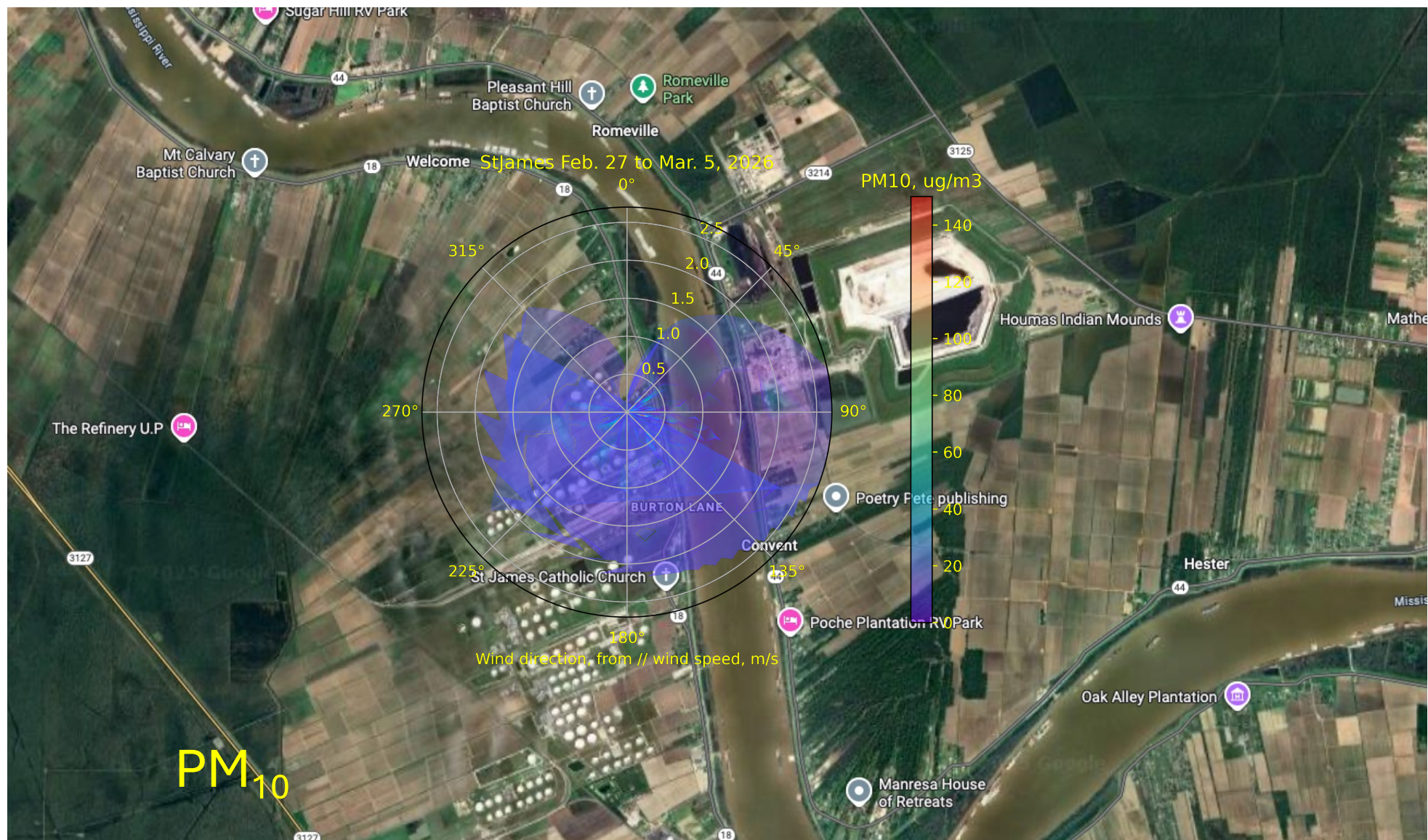


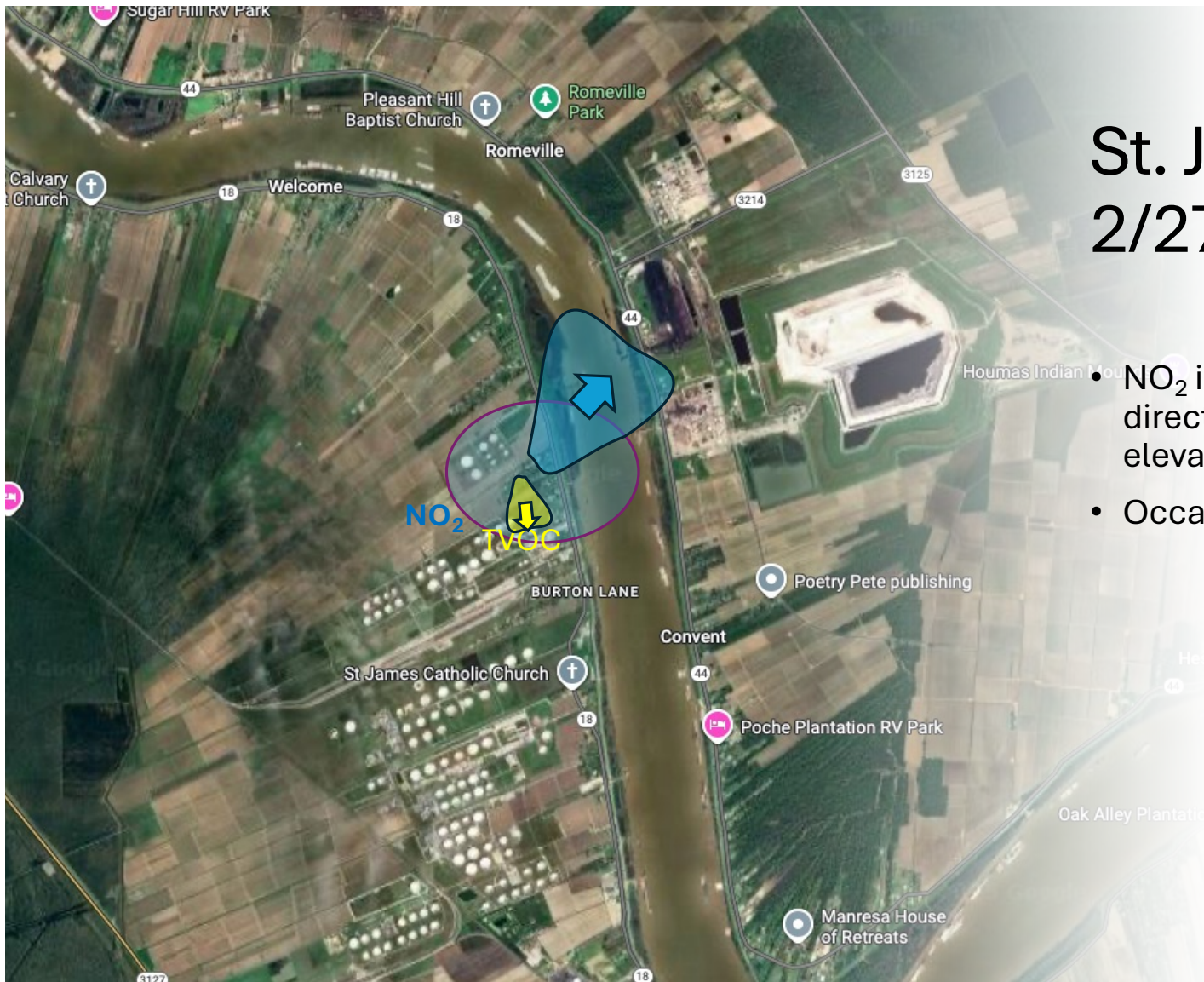












St. James POD 2/27-3/5

- NO₂ is driven from North-East direction, creating an overall elevated NO₂ level
- Occasional influx of TVOCs