

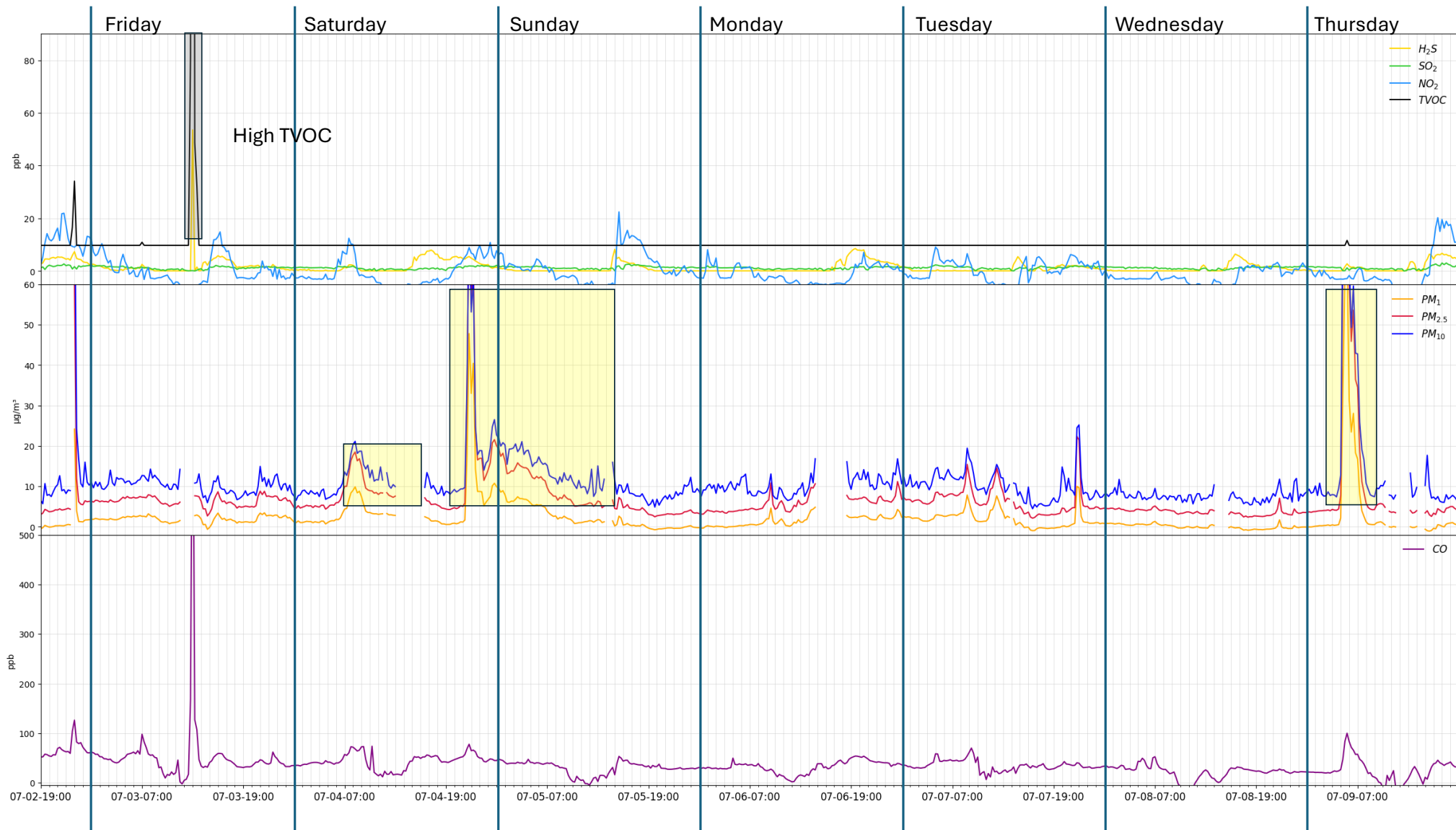
St. James POD

July 3 – July 9, 2026

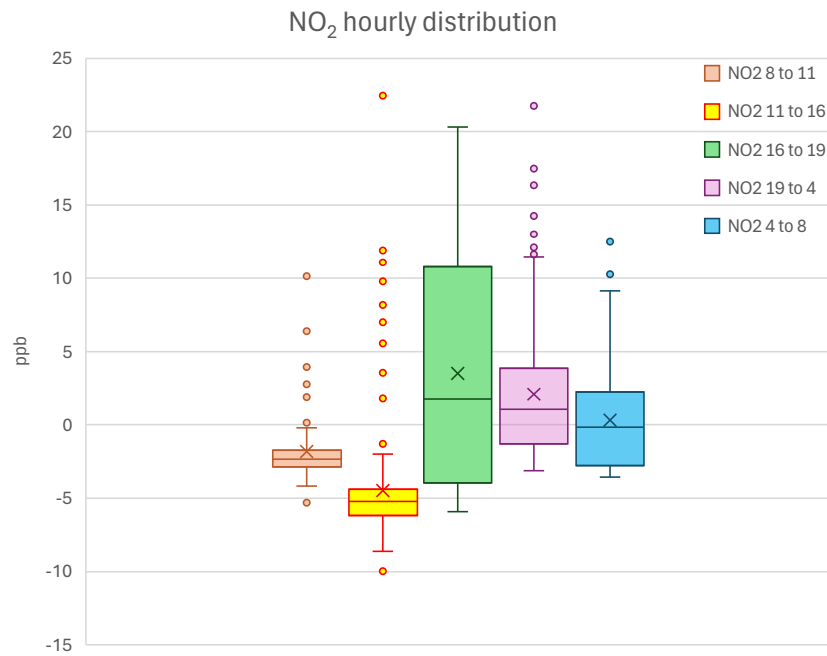
Disclaimer

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.

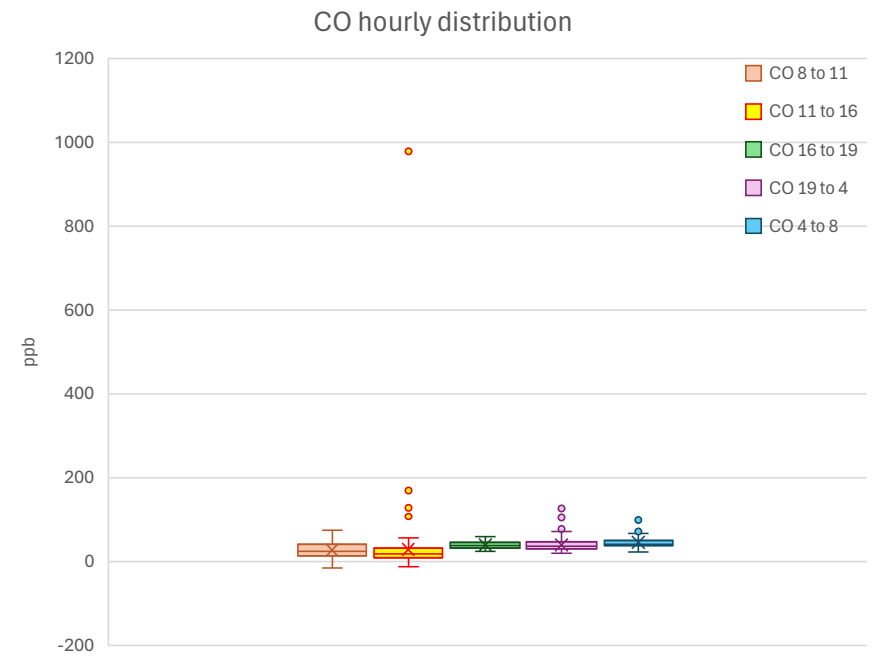
At the same time, most of the sensors are subject to QA/QC procedures and are calibrated and evaluated against official regulatory monitors.



Hourly concentration distribution

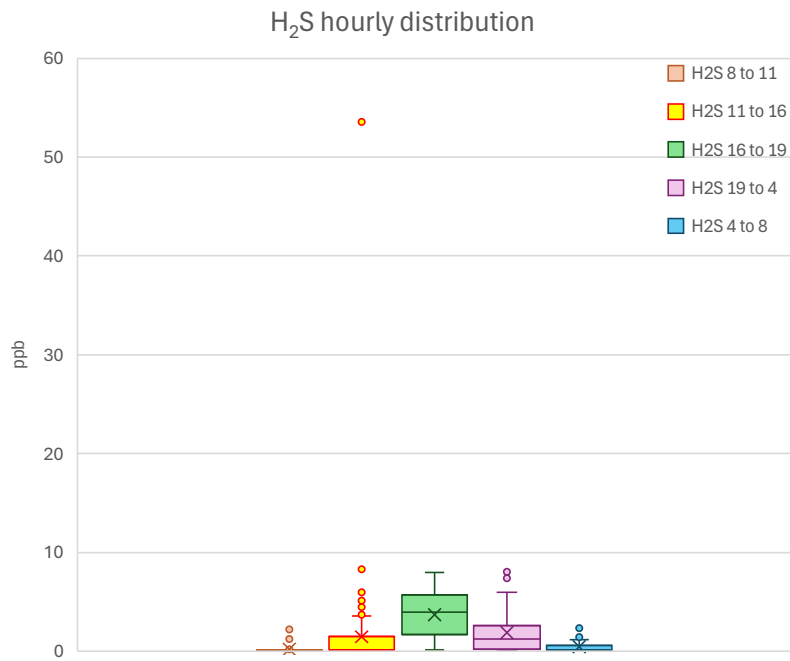


ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	0.3	-0.1	-2.8	2.2	-3.6	12.5	112
NO ₂ 8 to 11	-1.8	-2.3	-2.8	-1.7	-5.3	10.1	84
NO ₂ 11 to 16	-4.5	-5.2	-6.2	-4.4	-10.0	22.5	140
NO ₂ 16 to 19	3.5	1.8	-4.0	10.8	-5.9	20.3	84
NO ₂ 19 to 4	2.1	1.1	-1.3	3.9	-3.1	22.0	252



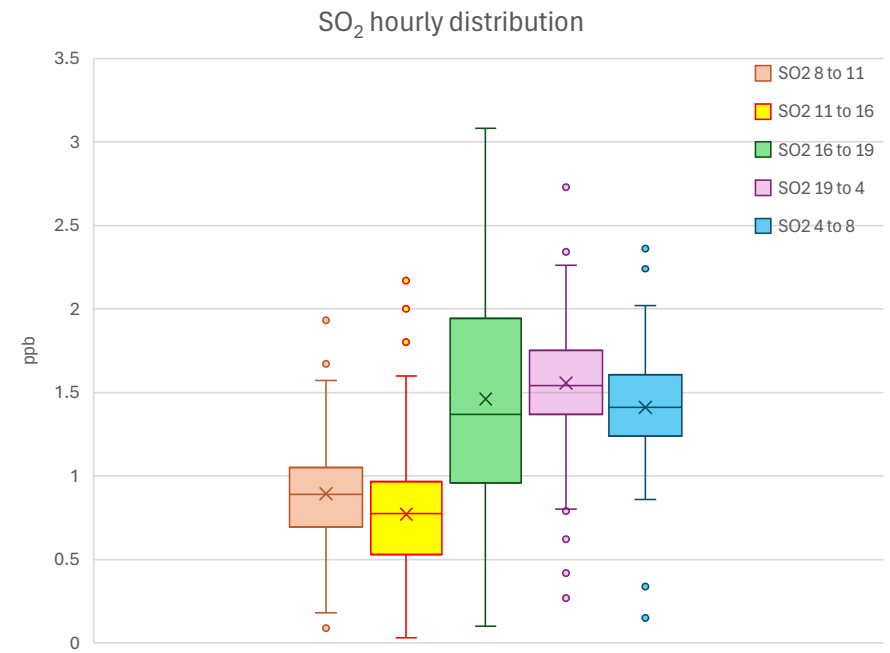
ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	44.9	41.1	37.0	49.8	21.9	100.1	112
CO 8 to 11	27.1	23.6	13.6	40.4	-16.0	73.8	84
CO 11 to 16	28.2	17.4	8.7	30.8	-13.2	978.6	140
CO 16 to 19	38.7	37.7	31.9	45.1	24.3	59.4	84
CO 19 to 4	39.3	36.3	29.5	46.7	19.2	126.3	252

Hourly concentration distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	0.5	0.1	0.1	0.6	0.1	2.8	112
H ₂ S 8 to 11	0.2	0.1	0.1	0.1	0.1	2.2	84
H ₂ S 11 to 16	1.5	0.1	0.1	1.5	0.1	53.6	140
H ₂ S 16 to 19	3.7	4.0	1.6	5.8	0.1	8.0	84
H ₂ S 19 to 4	1.9	1.3	0.2	2.6	0.1	8.6	252

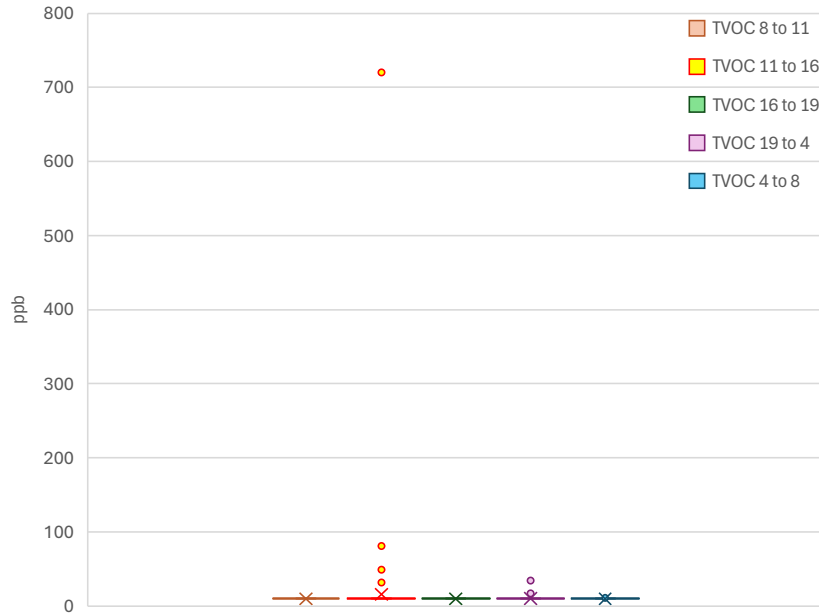
H₂S data is not referenced and calibrated against regulatory monitor



ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	1.4	1.4	1.2	1.6	0.2	2.4	112
SO ₂ 8 to 11	0.9	0.9	0.7	1.1	0.1	1.9	84
SO ₂ 11 to 16	0.8	0.8	0.5	1.0	0.0	2.2	140
SO ₂ 16 to 19	1.5	1.4	1.0	1.9	0.1	3.1	84
SO ₂ 19 to 4	1.6	1.5	1.4	1.8	0.3	2.7	252

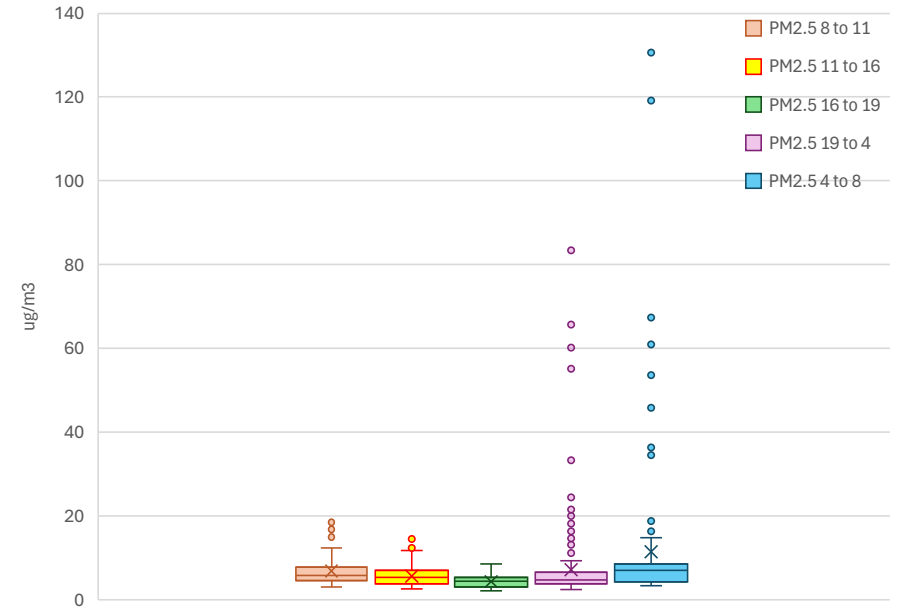
Hourly concentration distribution

TVOC hourly distribution



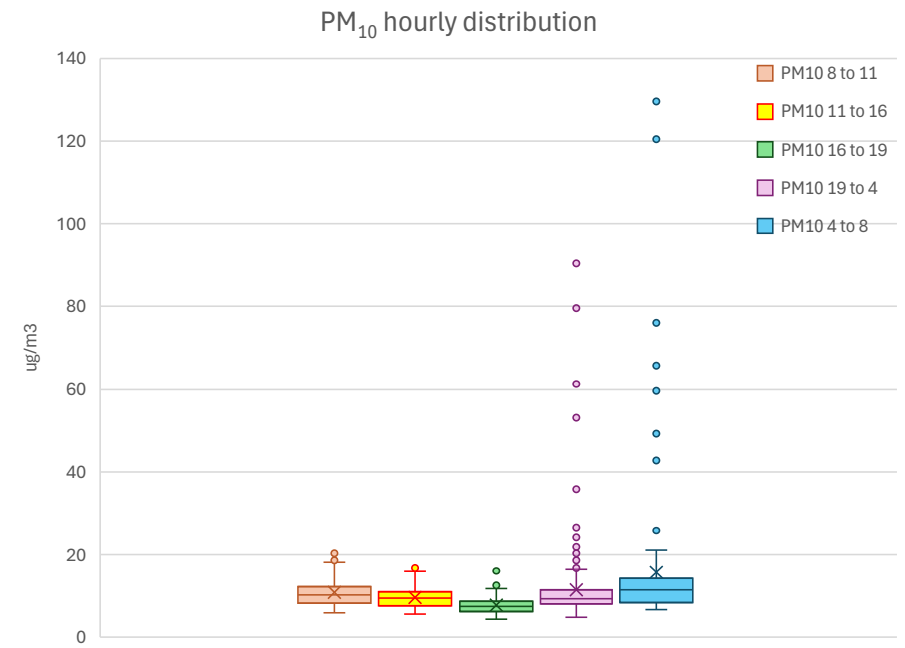
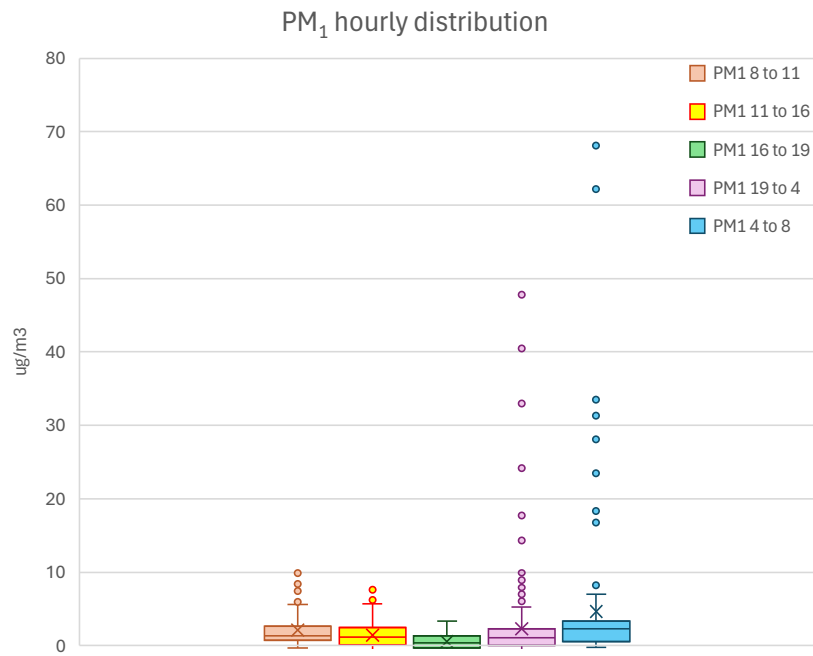
ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	9.8	9.8	9.8	9.8	9.8	11.7	112
TVOC 8 to 11	9.8	9.8	9.8	9.8	9.8	9.8	84
TVOC 11 to 16	15.8	9.8	9.8	9.8	9.8	720.3	140
TVOC 16 to 19	9.8	9.8	9.8	9.8	9.8	9.8	84
TVOC 19 to 4	9.9	9.8	9.8	9.8	9.8	34.1	252

PM_{2.5} hourly distribution



ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	11.5	7.1	4.3	8.6	3.4	130.6	112
PM _{2.5} 8 to 11	6.9	5.8	4.7	7.8	3.1	18.5	83
PM _{2.5} 11 to 16	5.7	5.4	3.8	7.1	2.6	14.5	101
PM _{2.5} 16 to 19	4.4	4.4	3.1	5.4	2.1	8.7	72
PM _{2.5} 19 to 4	7.2	4.8	3.8	6.7	2.5	83.4	251

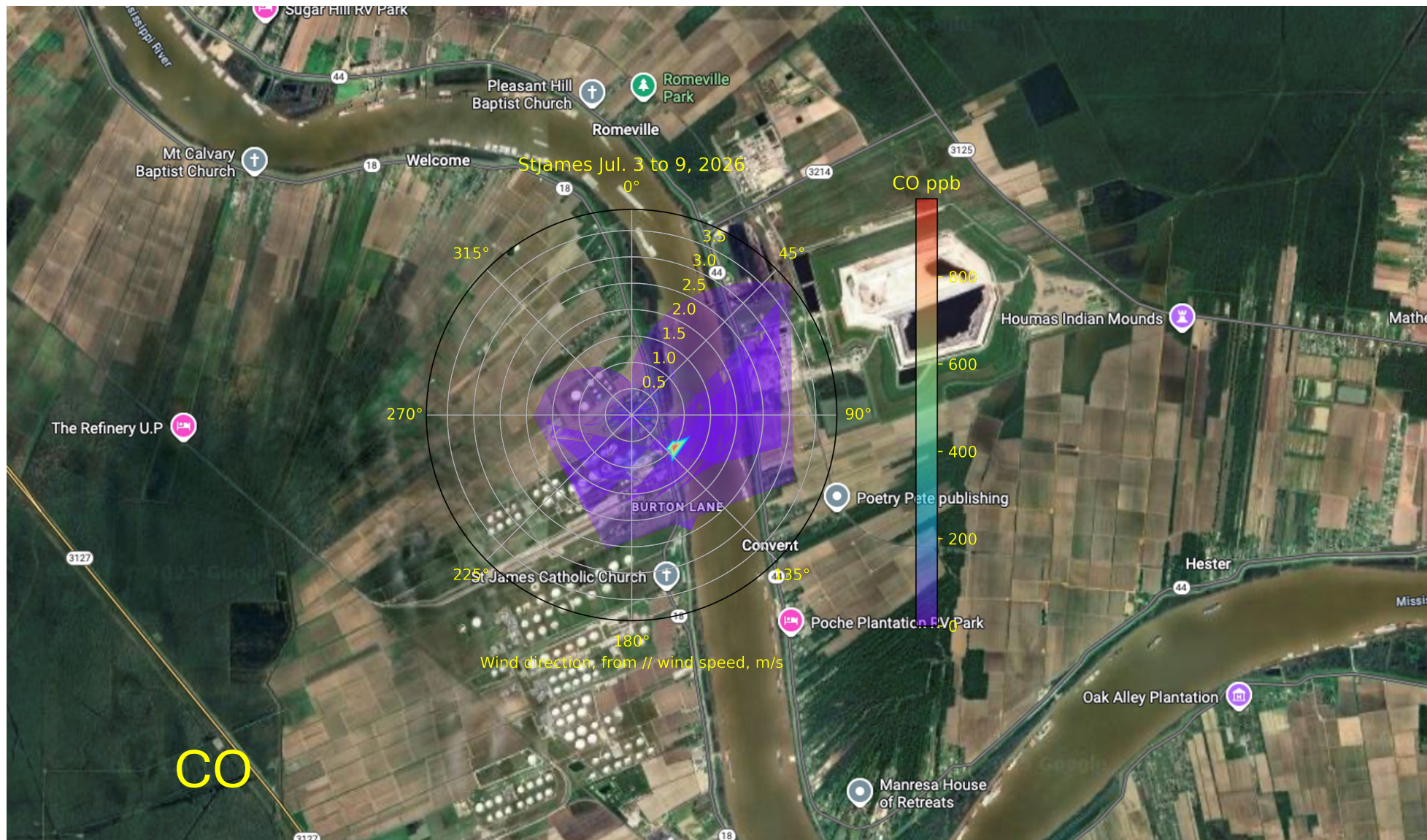
Hourly concentration distribution

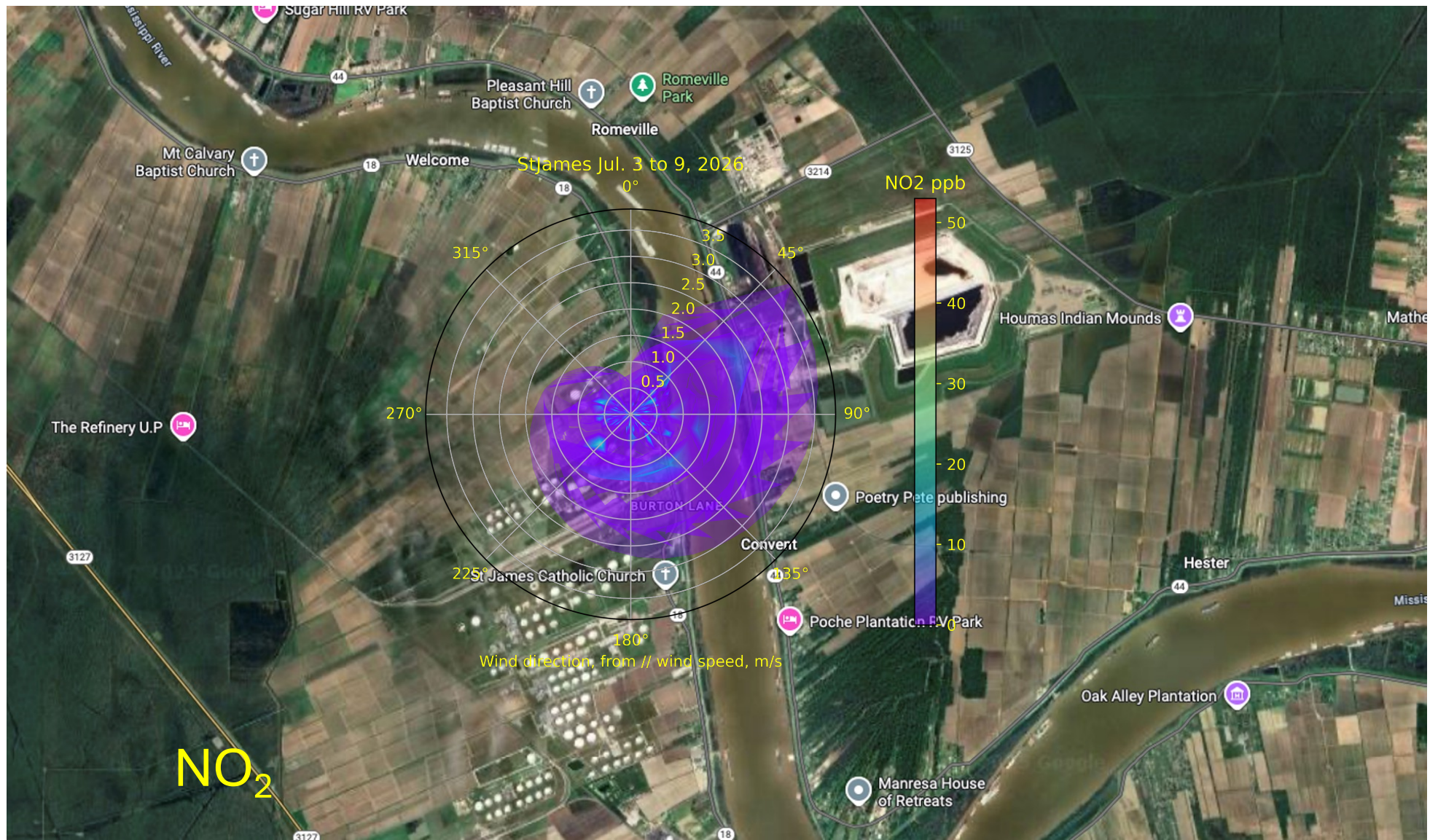


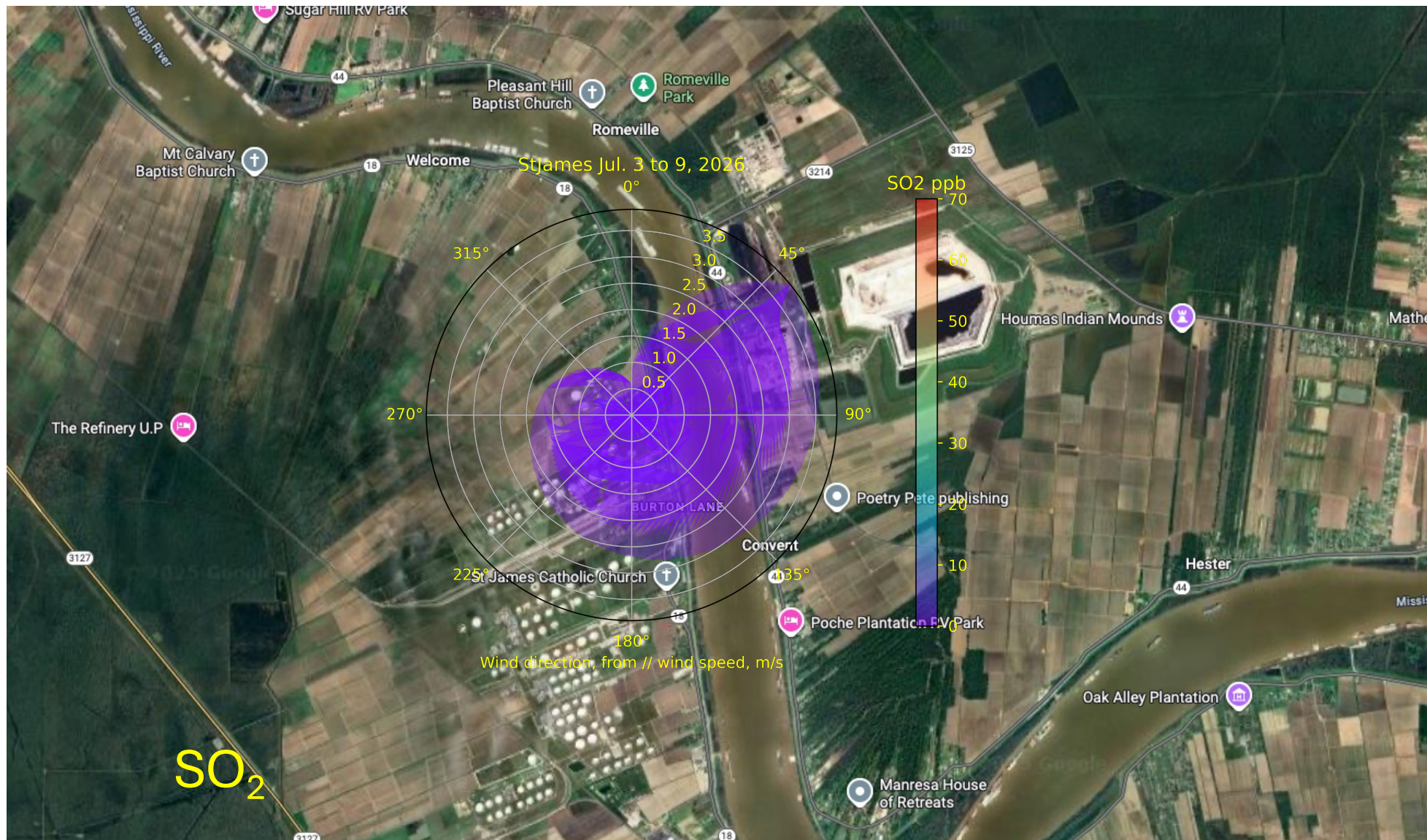
ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	4.6	2.3	0.6	3.4	-0.2	68.1	112
PM ₁ 8 to 11	2.1	1.4	0.7	2.7	-0.3	9.9	83
PM ₁ 11 to 16	1.4	1.1	0.1	2.5	-1.1	7.6	101
PM ₁ 16 to 19	0.5	0.4	-0.3	1.4	-1.0	3.4	72
PM ₁ 19 to 4	2.3	1.0	0.1	2.3	-0.7	47.8	251

ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	15.8	11.5	8.4	14.3	6.7	129.5	112
PM ₁₀ 8 to 11	10.9	10.2	8.3	12.3	6.0	21.1	83
PM ₁₀ 11 to 16	9.7	9.5	7.7	11.0	5.7	17.7	101
PM ₁₀ 16 to 19	7.8	7.5	6.3	8.7	4.5	16.1	72
PM ₁₀ 19 to 4	11.5	9.3	8.1	11.7	4.9	90.5	251

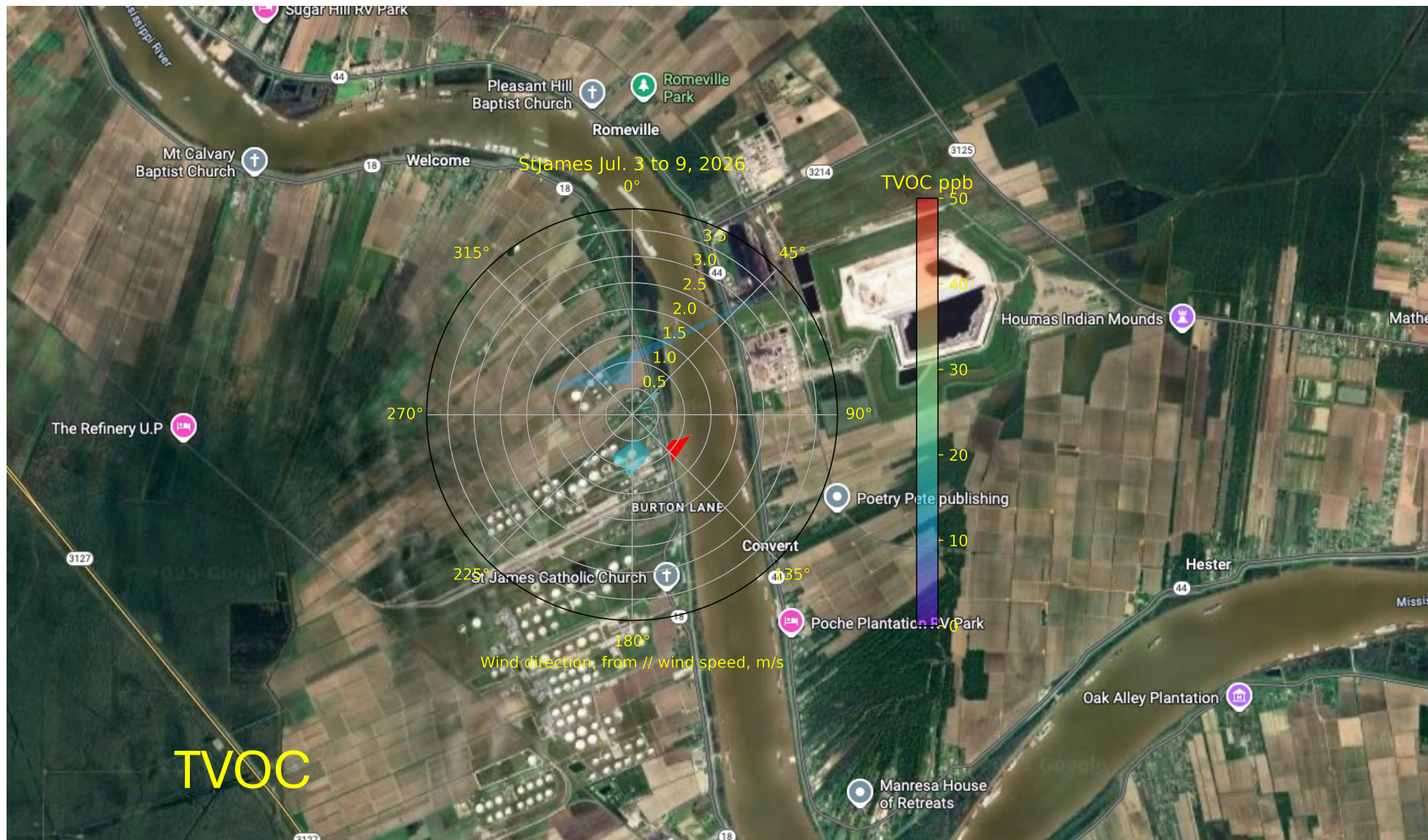
PM₁ data is not referenced and calibrated against regulatory monitor

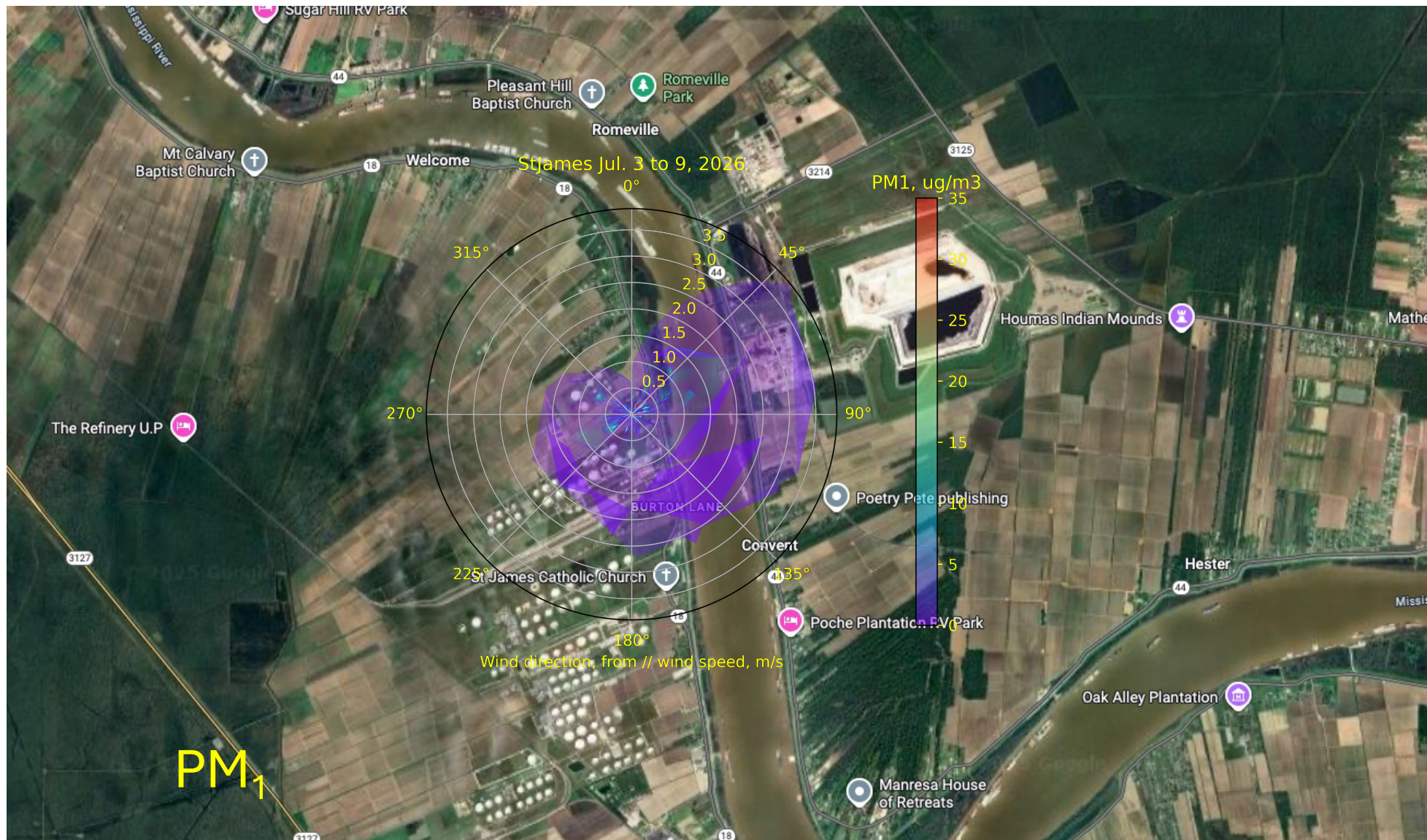




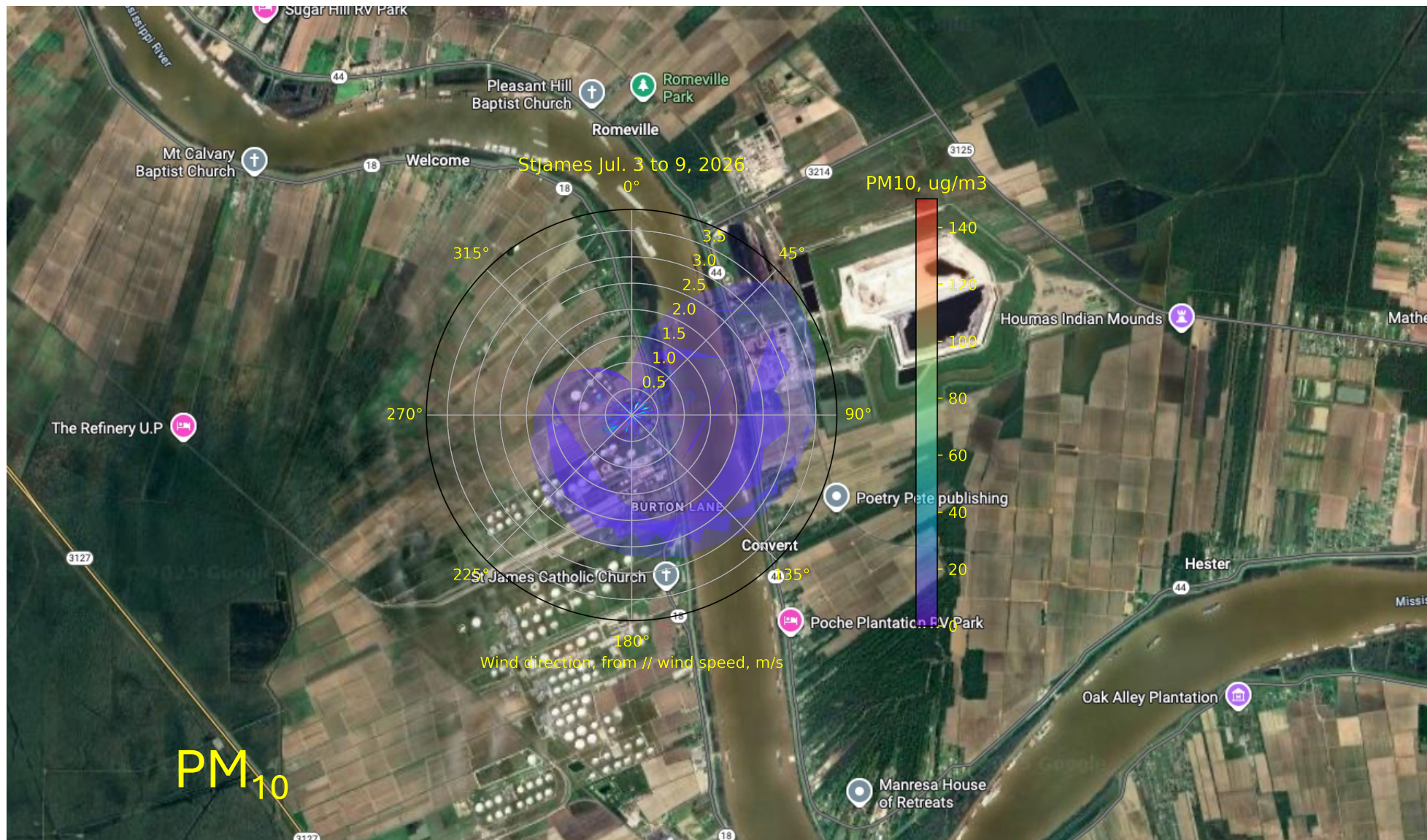














St. James POD 7/3-7/9

- Elevated PM_{2.5} with no directional indications due to stagnant air