

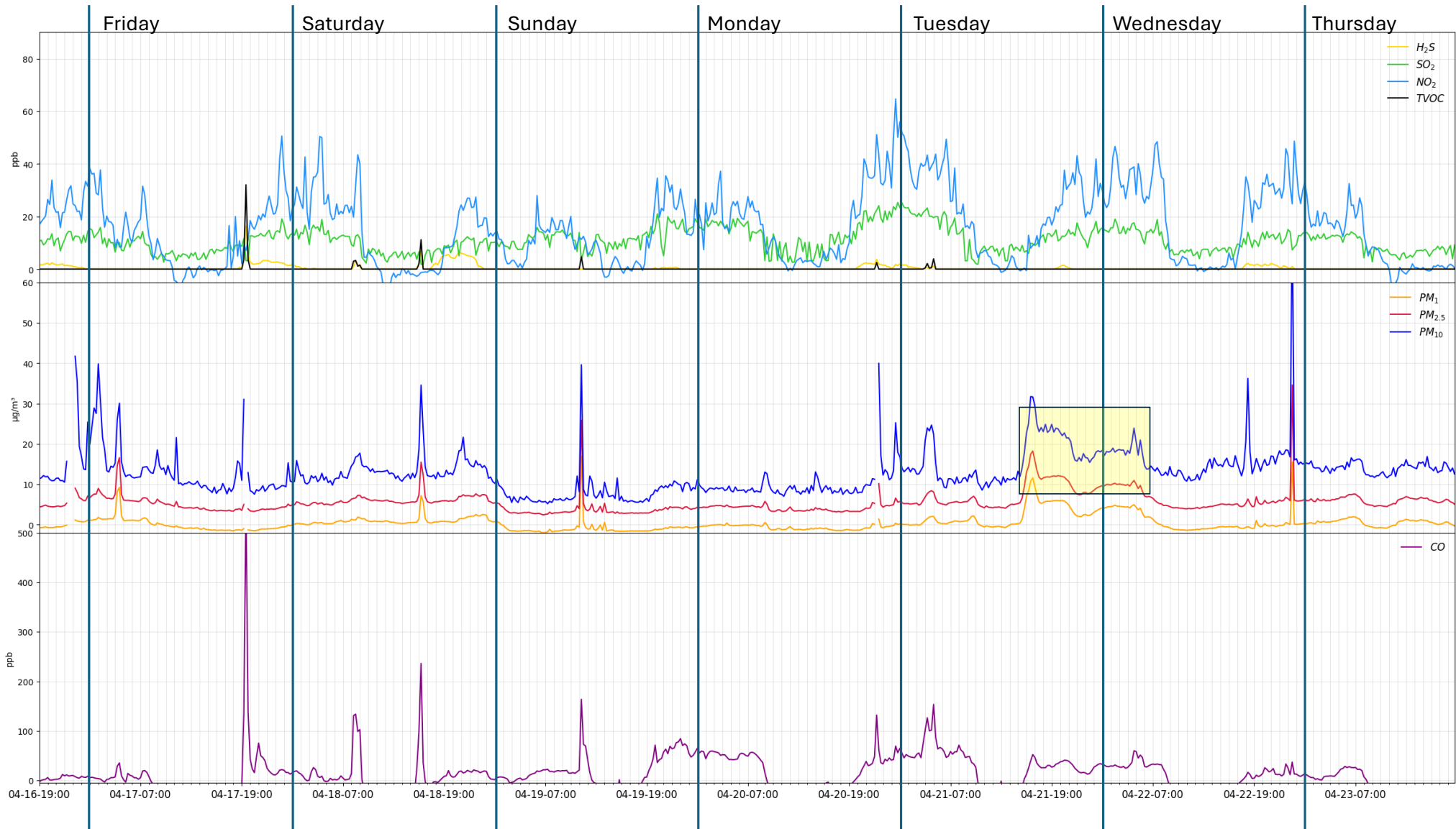
St. James POD

April 17 – April 23, 2026

Disclaimer

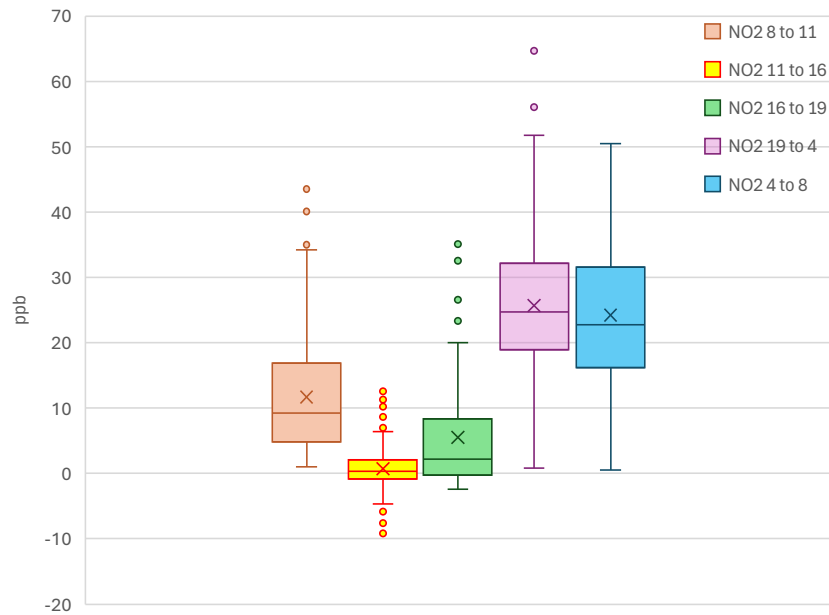
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



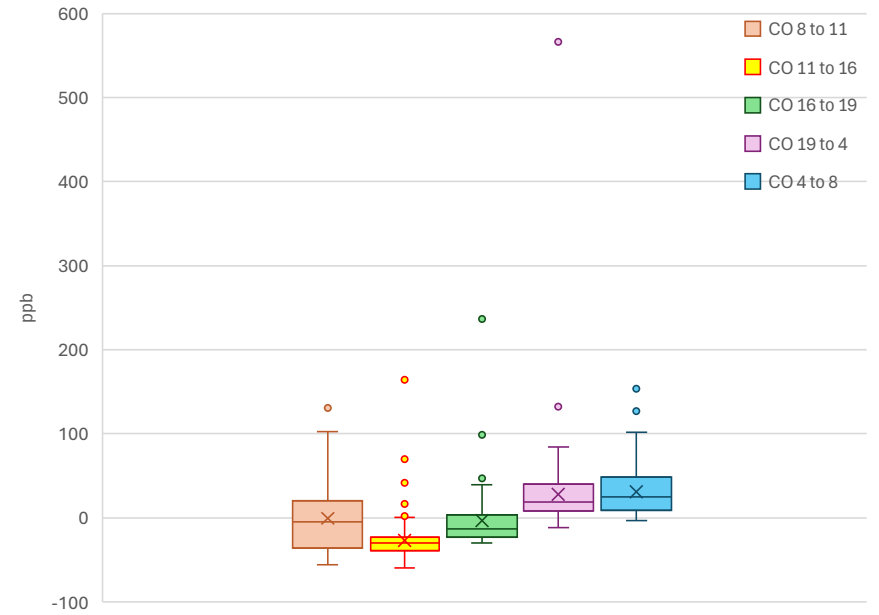
Hourly concentration distribution

NO₂ hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	24.2	22.8	16.2	31.6	0.6	50.5	112
NO ₂ 8 to 11	11.7	9.2	4.9	16.9	1.0	43.5	84
NO ₂ 11 to 16	0.7	0.4	-0.8	2.1	-9.2	12.6	140
NO ₂ 16 to 19	5.5	2.2	-0.2	8.4	-2.4	35.1	84
NO ₂ 19 to 4	25.7	24.7	18.9	32.2	0.8	64.7	252

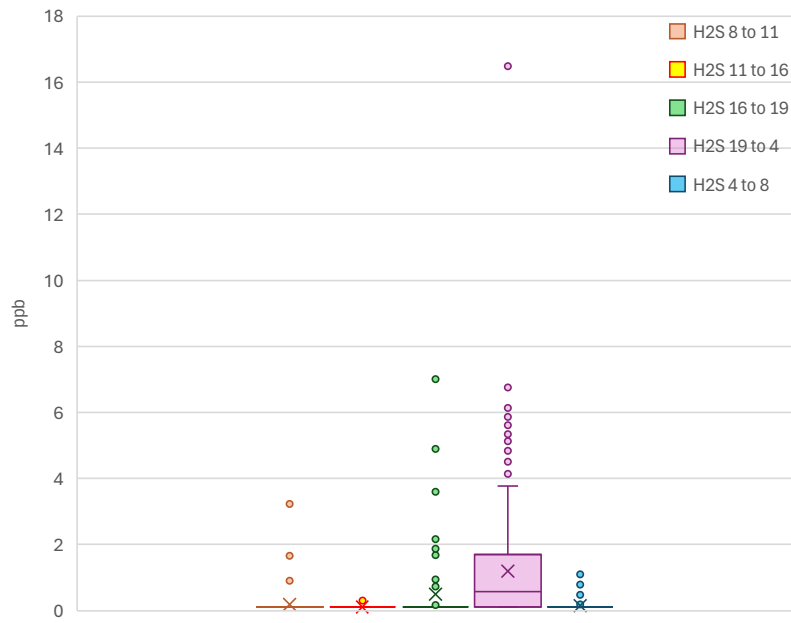
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	30.7	25.1	9.1	48.7	-3.2	153.6	112
CO 8 to 11	-0.7	-5.1	-36.1	20.1	-56.0	134.0	84
CO 11 to 16	-26.9	-30.1	-38.8	-22.9	-59.5	163.9	140
CO 16 to 19	-3.0	-13.1	-23.1	3.9	-29.8	236.3	84
CO 19 to 4	27.9	19.0	8.0	40.5	-11.4	566.0	252

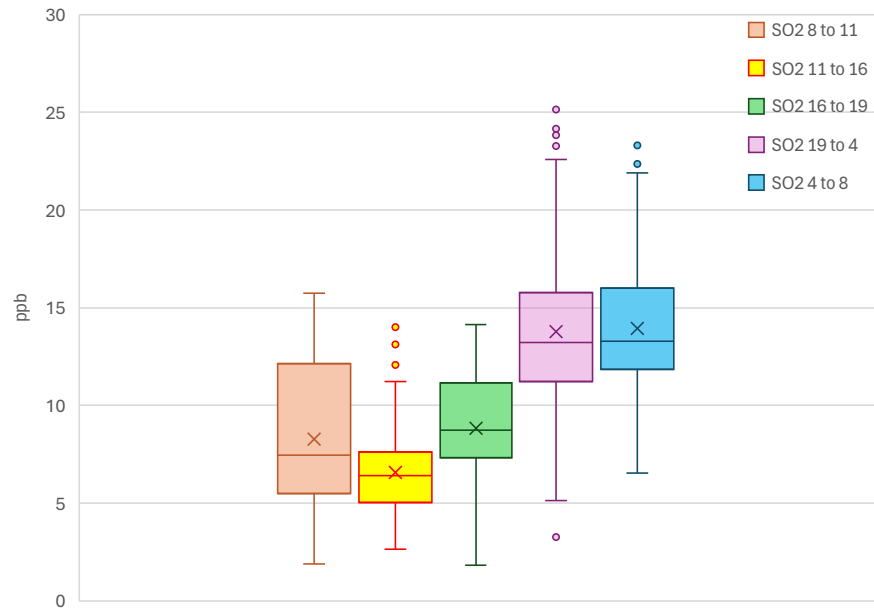
Hourly concentration distribution

H₂S hourly 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	1.2	112
H ₂ S 8 to 11	0.2	0.1	0.1	0.1	0.1	3.2	84
H ₂ S 11 to 16	0.1	0.1	0.1	0.1	0.1	0.3	140
H ₂ S 16 to 19	0.5	0.1	0.1	0.1	0.1	7.0	84
H ₂ S 19 to 4	1.2	0.6	0.1	1.7	0.1	16.5	252

SO₂ hourly distribution

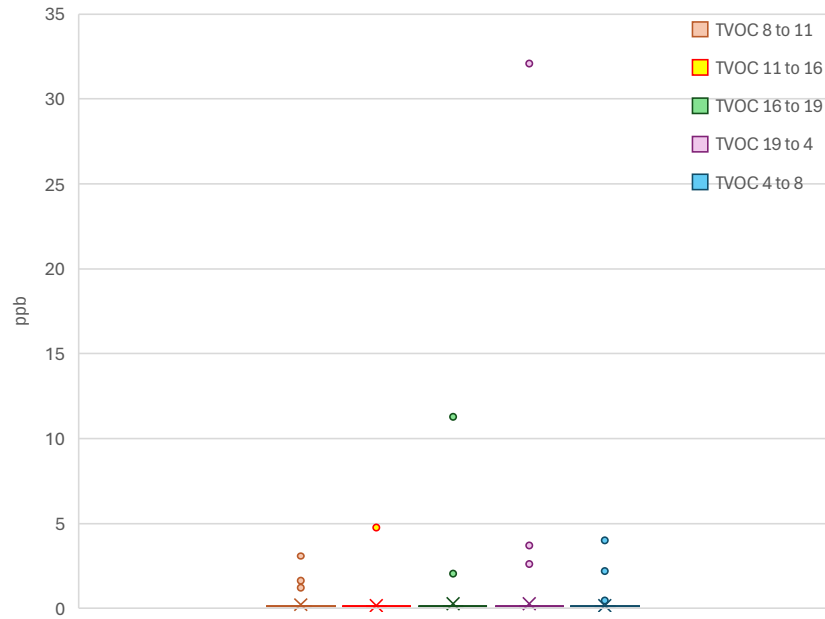


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	14.0	13.3	11.8	16.0	6.6	23.3	112
SO ₂ 8 to 11	8.3	7.5	5.5	12.1	1.9	15.8	84
SO ₂ 11 to 16	6.6	6.4	5.0	7.6	2.7	14.0	140
SO ₂ 16 to 19	8.8	8.7	7.3	11.2	1.8	14.1	84
SO ₂ 19 to 4	13.8	13.2	11.2	15.8	3.3	25.4	252

H₂S data is not referenced and calibrated against regulatory monitor

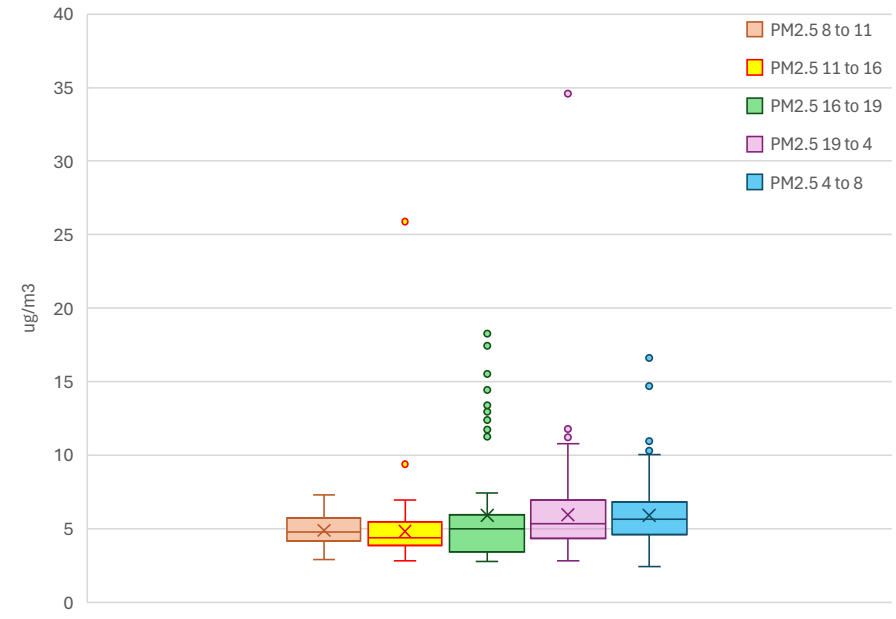
Hourly concentration distribution

TVOC hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	0.2	0.1	0.1	0.1	0.1	4.0	112
TVOC 8 to 11	0.2	0.1	0.1	0.1	0.1	3.4	84
TVOC 11 to 16	0.1	0.1	0.1	0.1	0.1	4.8	140
TVOC 16 to 19	0.3	0.1	0.1	0.1	0.1	11.3	84
TVOC 19 to 4	0.3	0.1	0.1	0.1	0.1	32.1	252

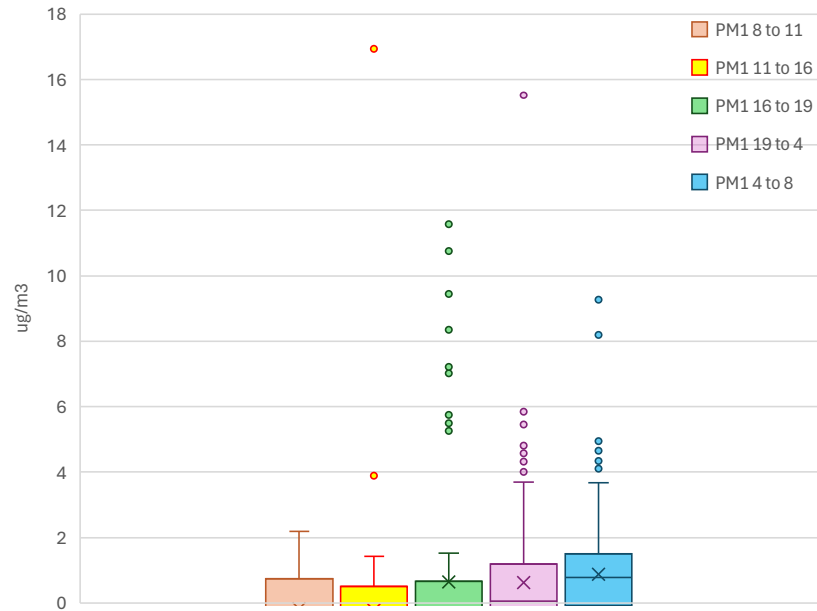
PM_{2.5} hourly distribution



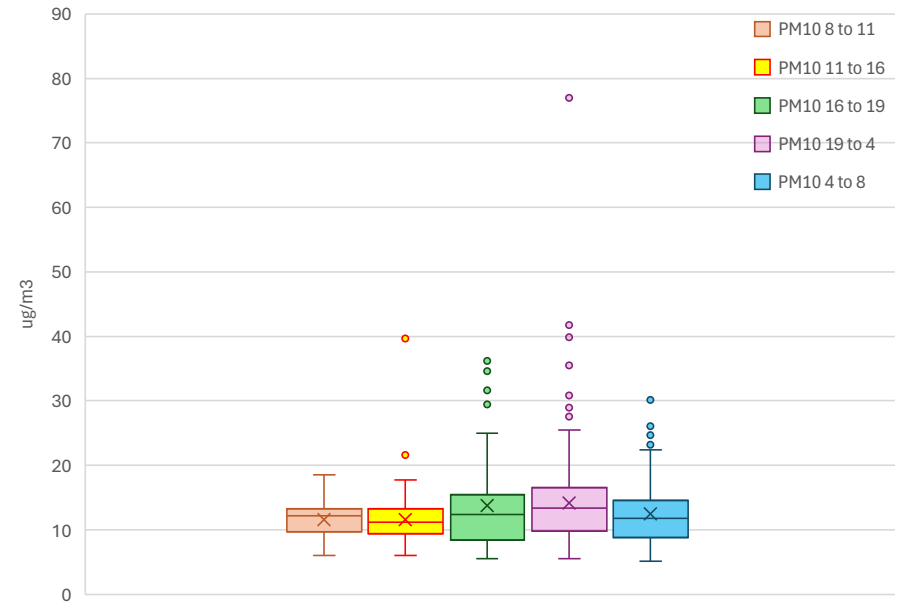
ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	5.9	5.6	4.6	6.8	2.4	16.6	112
PM _{2.5} 8 to 11	4.9	4.8	4.2	5.7	2.9	7.3	84
PM _{2.5} 11 to 16	4.8	4.4	3.9	5.5	2.8	25.9	140
PM _{2.5} 16 to 19	5.9	5.0	3.4	5.9	2.8	18.3	84
PM _{2.5} 19 to 4	5.9	5.4	4.3	7.0	2.8	34.6	247

Hourly concentration distribution

PM₁ hourly distribution



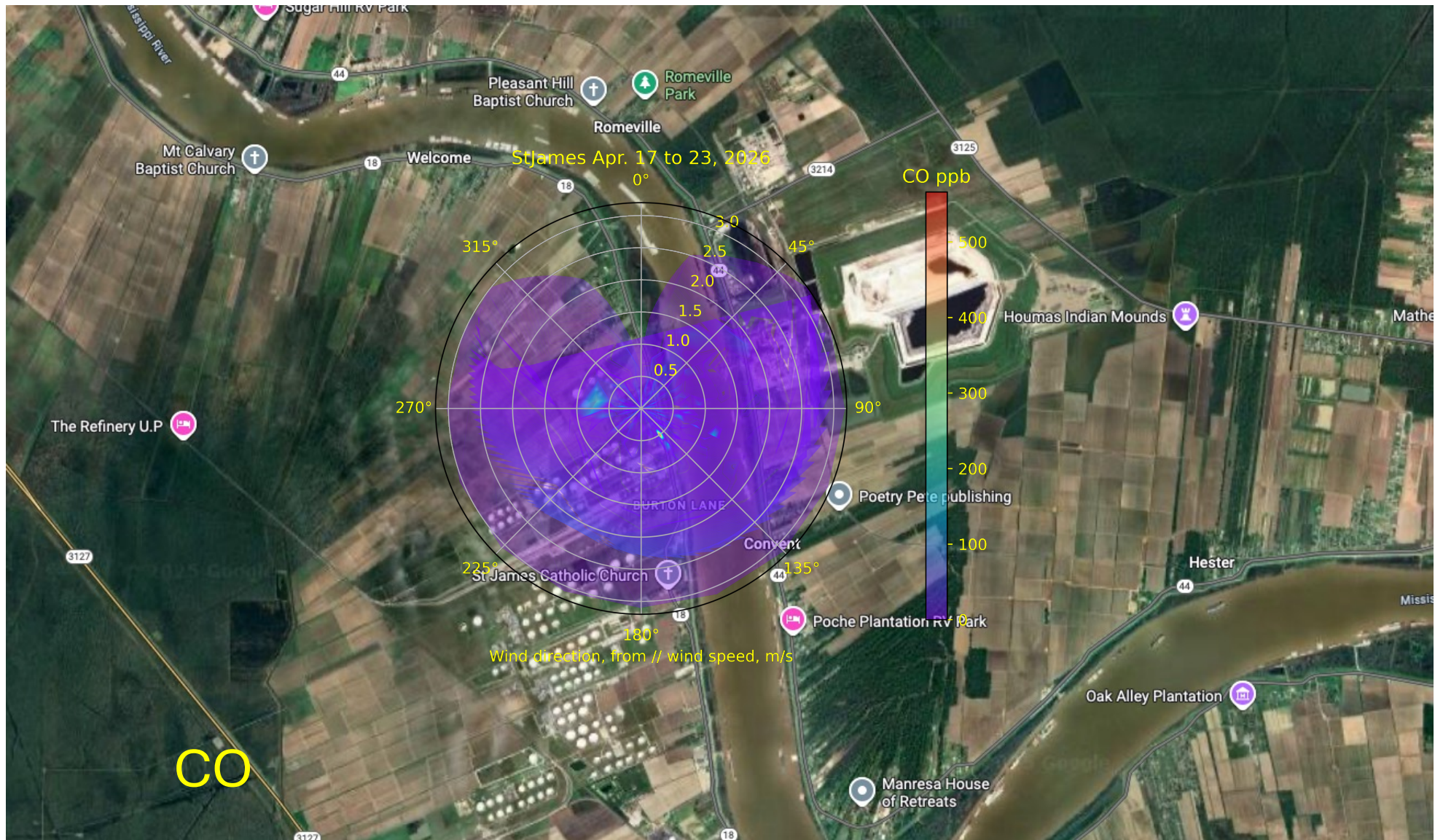
PM₁₀ hourly distribution

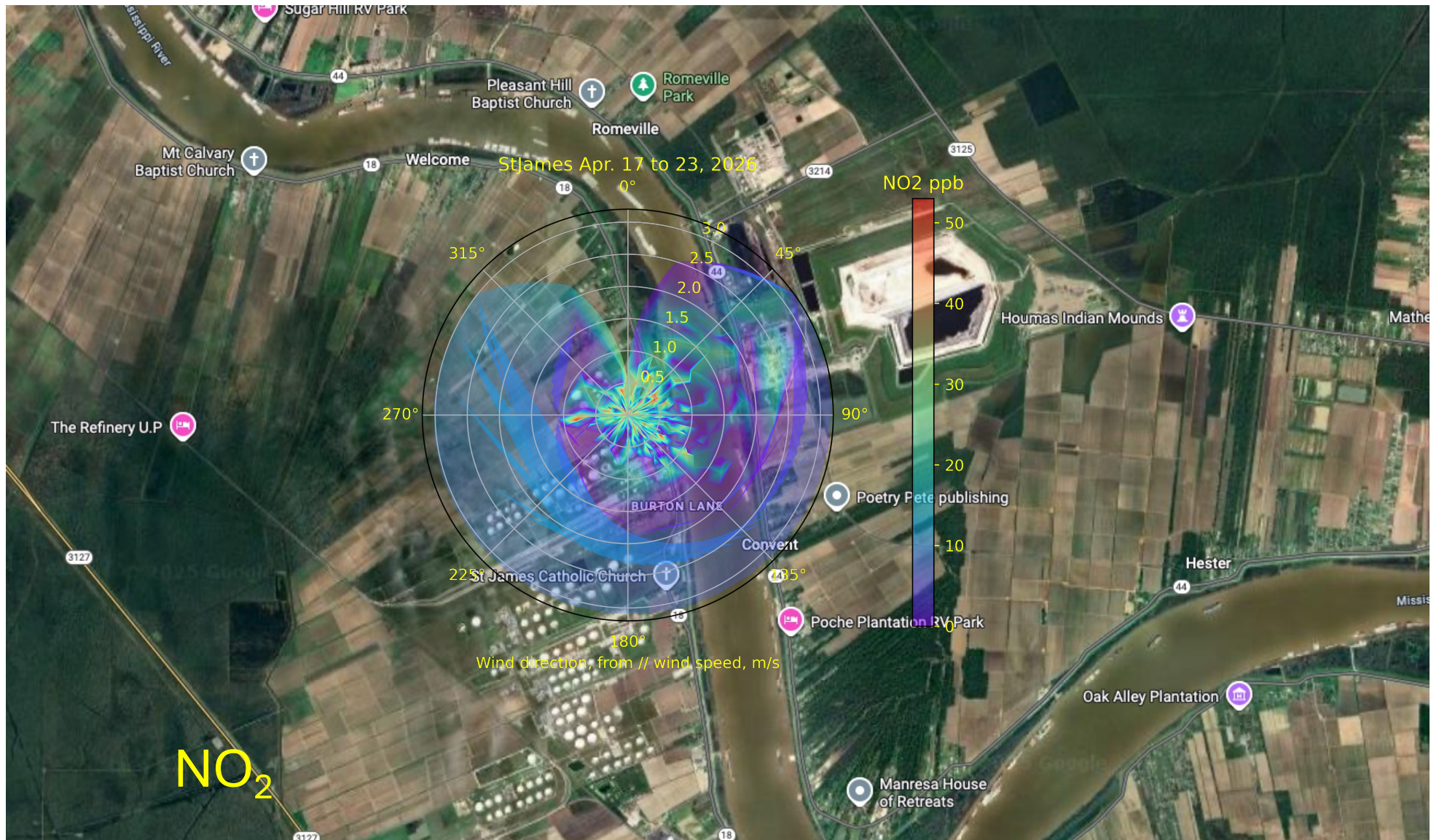


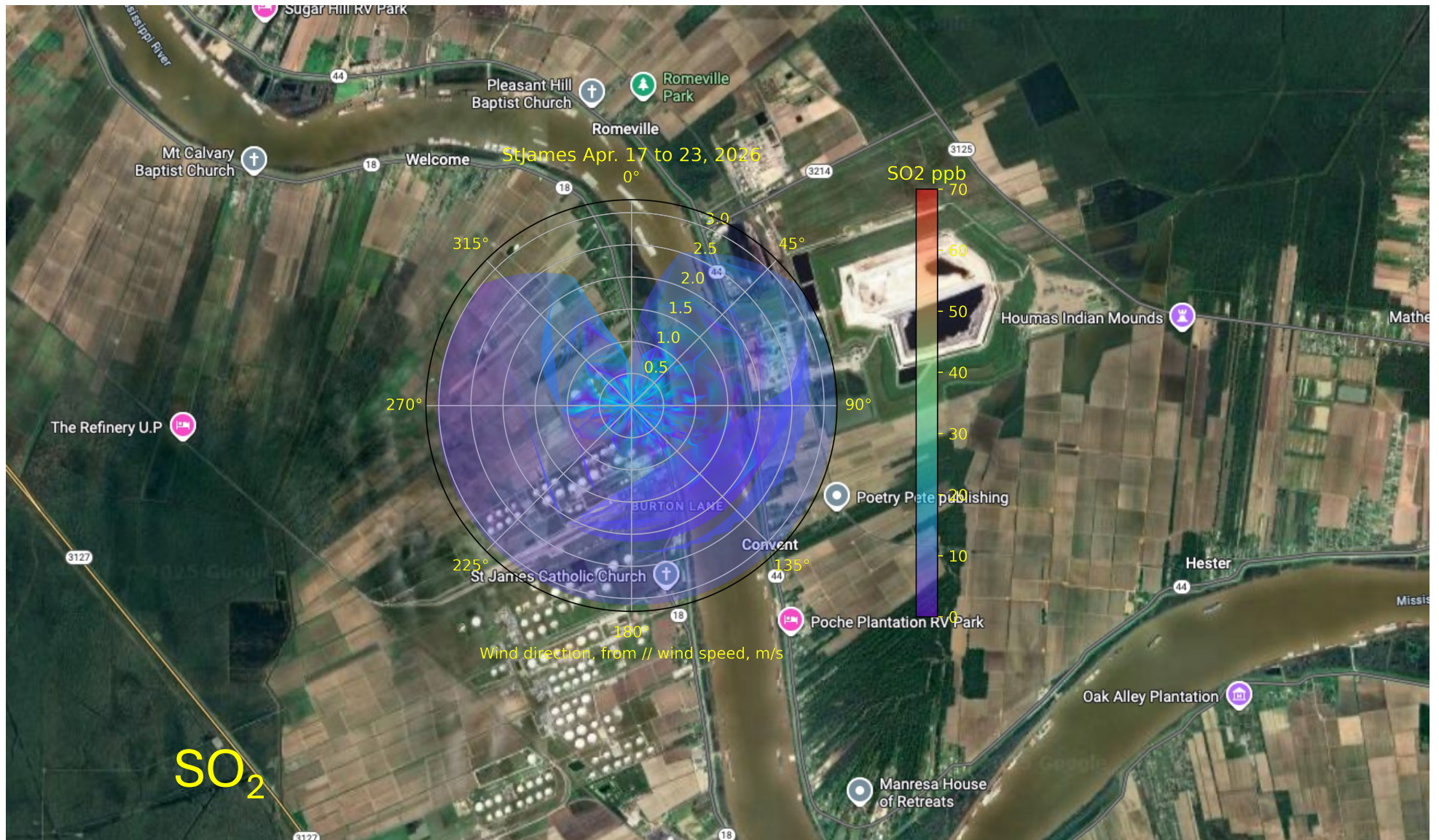
ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	0.9	0.8	-0.1	1.5	-2.0	9.3	112
PM ₁ 8 to 11	-0.2	-0.3	-1.0	0.7	-1.7	2.2	84
PM ₁ 11 to 16	-0.2	-0.6	-1.1	0.5	-1.6	16.9	140
PM ₁ 16 to 19	0.6	-0.6	-1.4	0.7	-1.6	11.6	84
PM ₁ 19 to 4	0.6	0.1	-0.7	1.2	-1.6	15.5	247

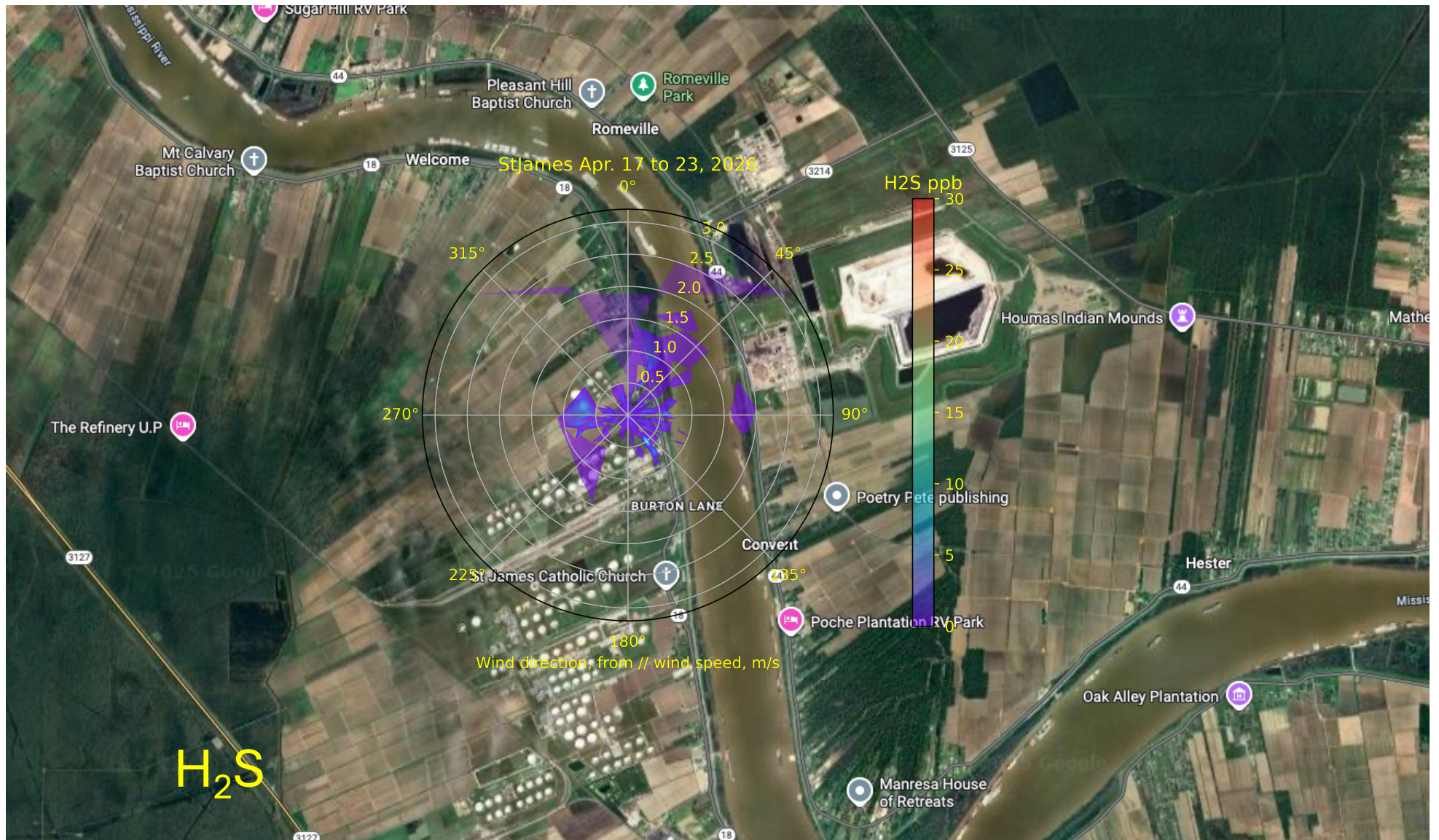
ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	12.5	11.8	8.8	14.5	5.2	30.1	112
PM ₁₀ 8 to 11	11.6	12.2	9.7	13.3	6.0	18.5	84
PM ₁₀ 11 to 16	11.6	11.2	9.4	13.2	6.0	39.6	140
PM ₁₀ 16 to 19	13.8	12.4	8.5	15.5	5.6	36.2	84
PM ₁₀ 19 to 4	14.2	13.3	9.8	16.6	5.5	77.0	247

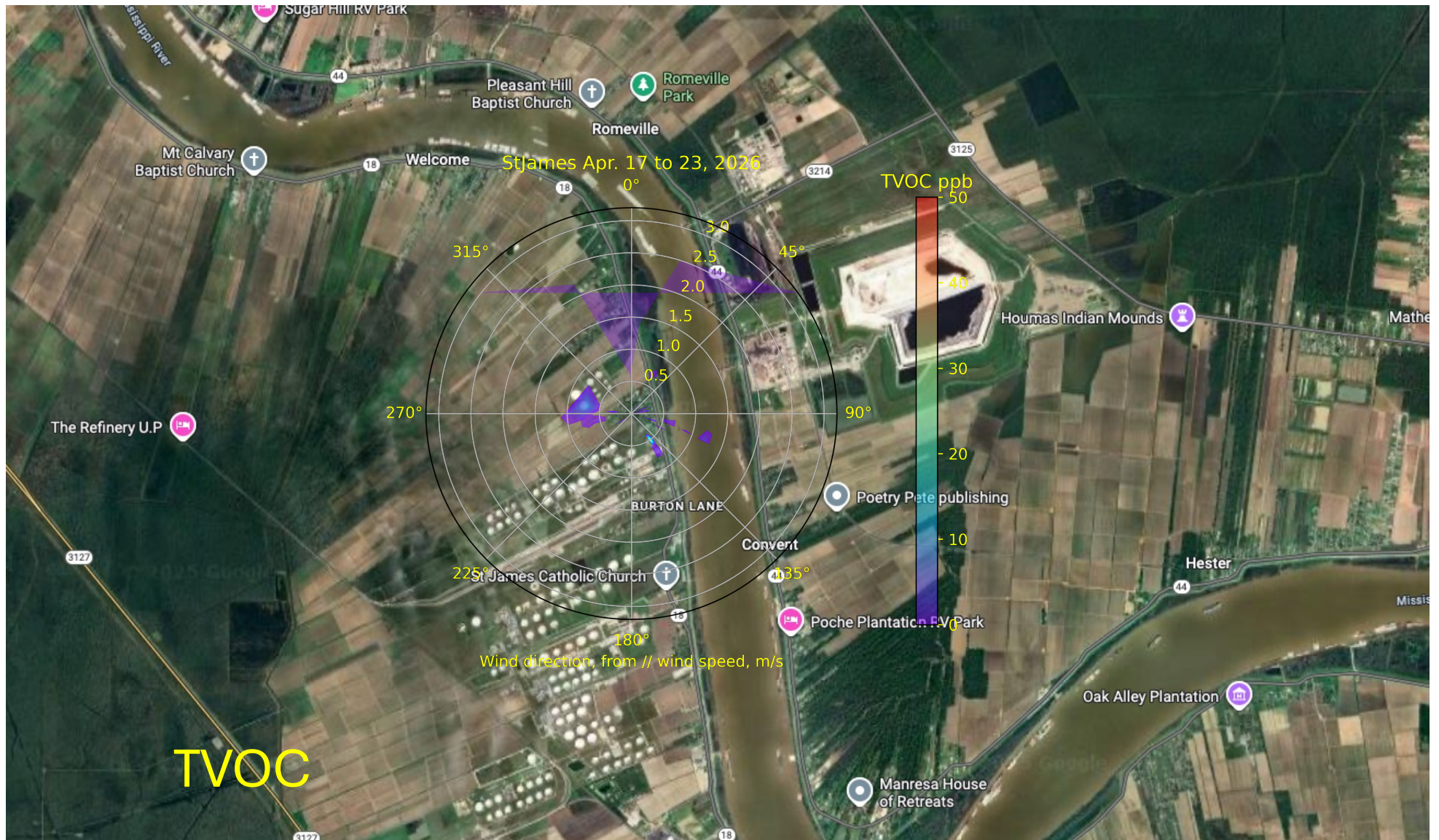
PM₁ data is not referenced and calibrated against regulatory monitor

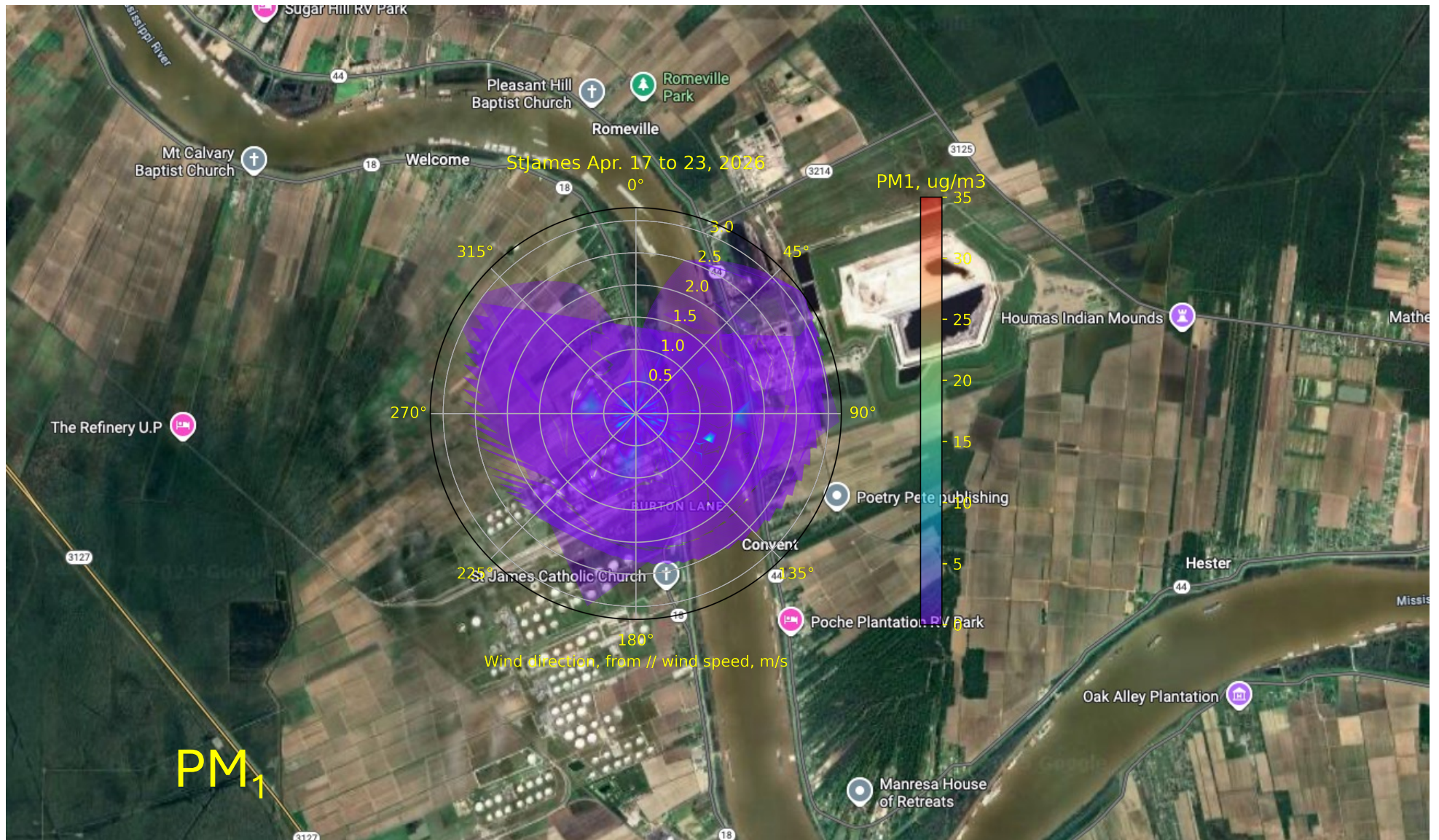


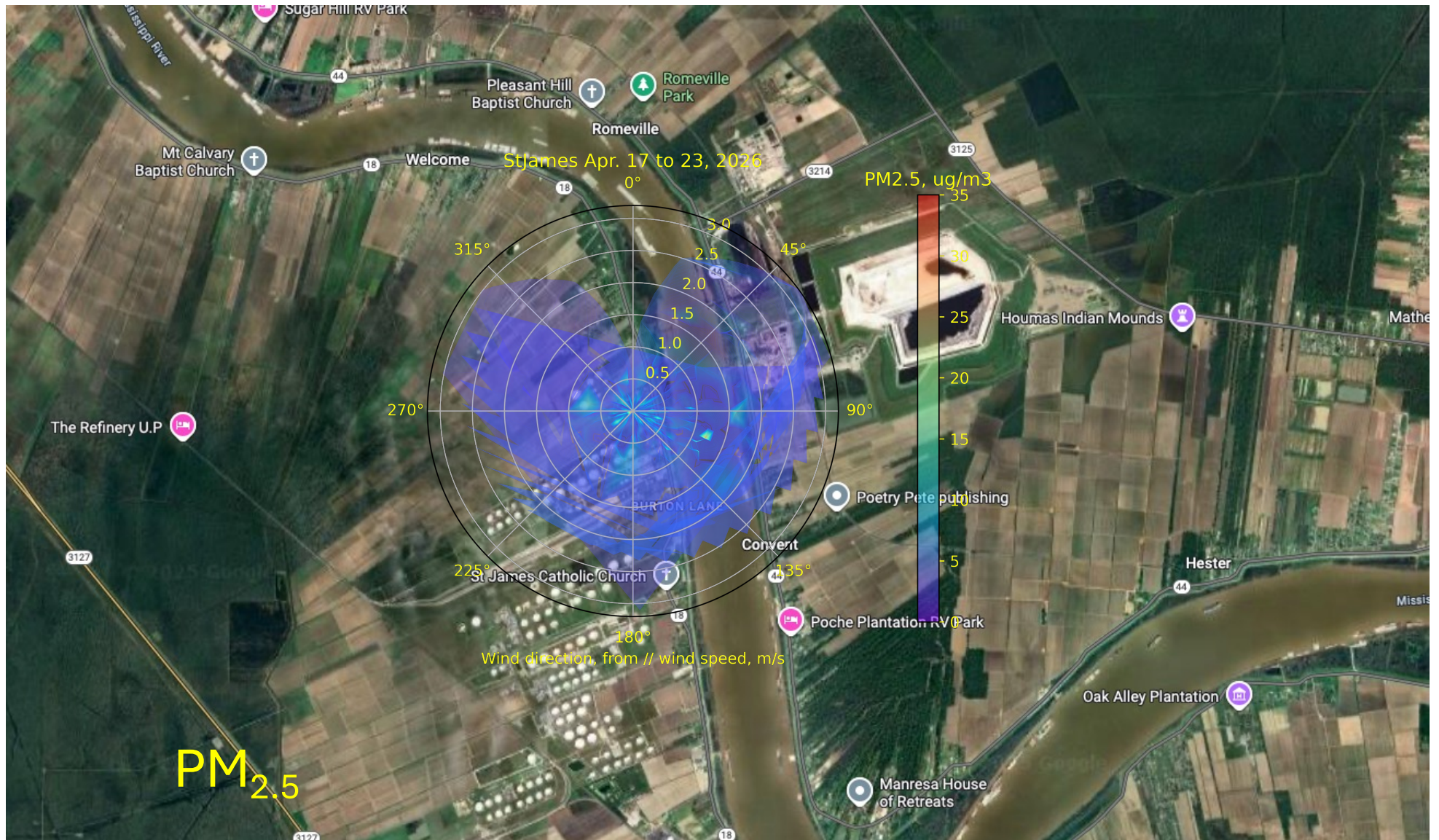


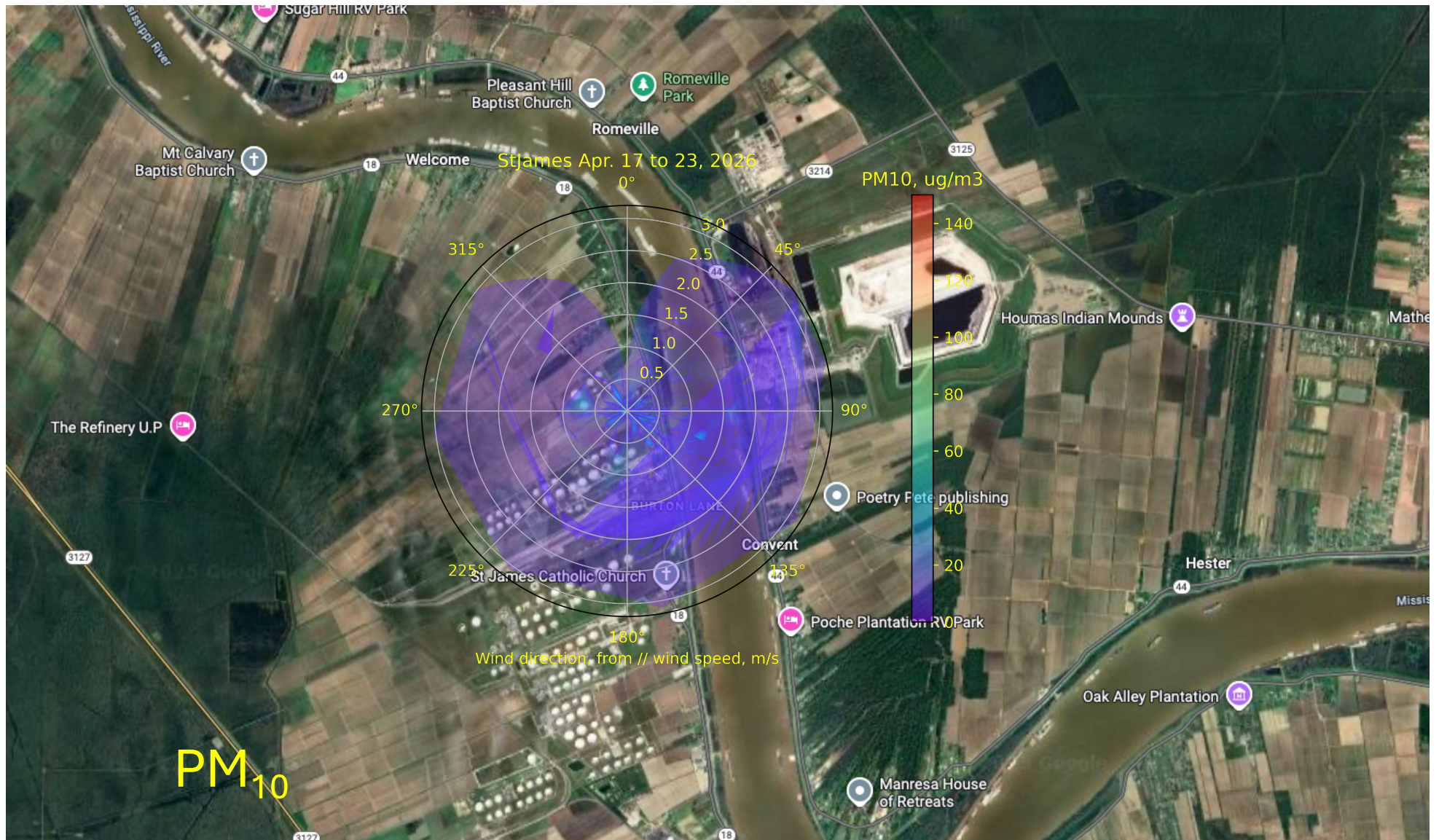


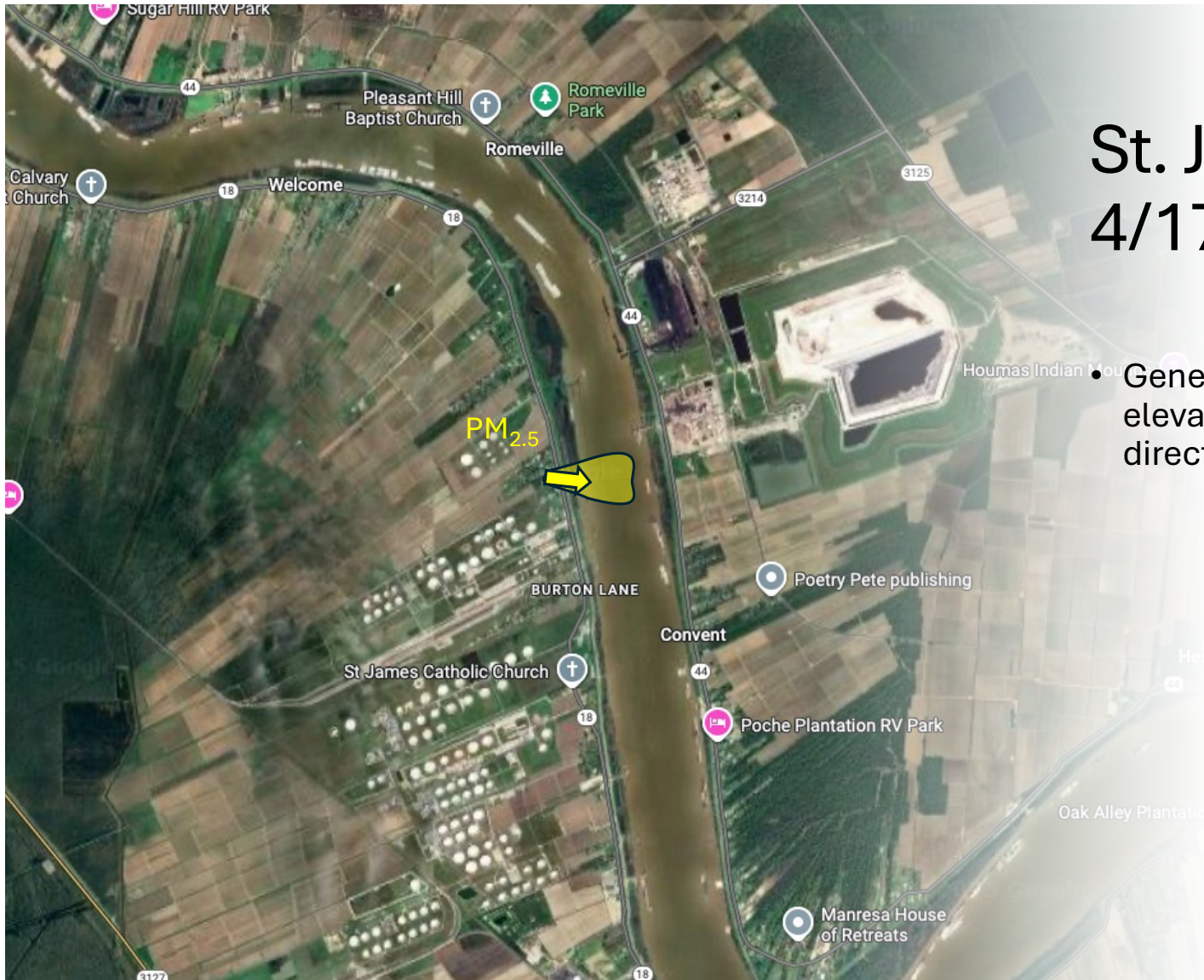












St. James POD 4/17-4/23

- Generally no events with slight elevation of PM_{2.5} from east direction