

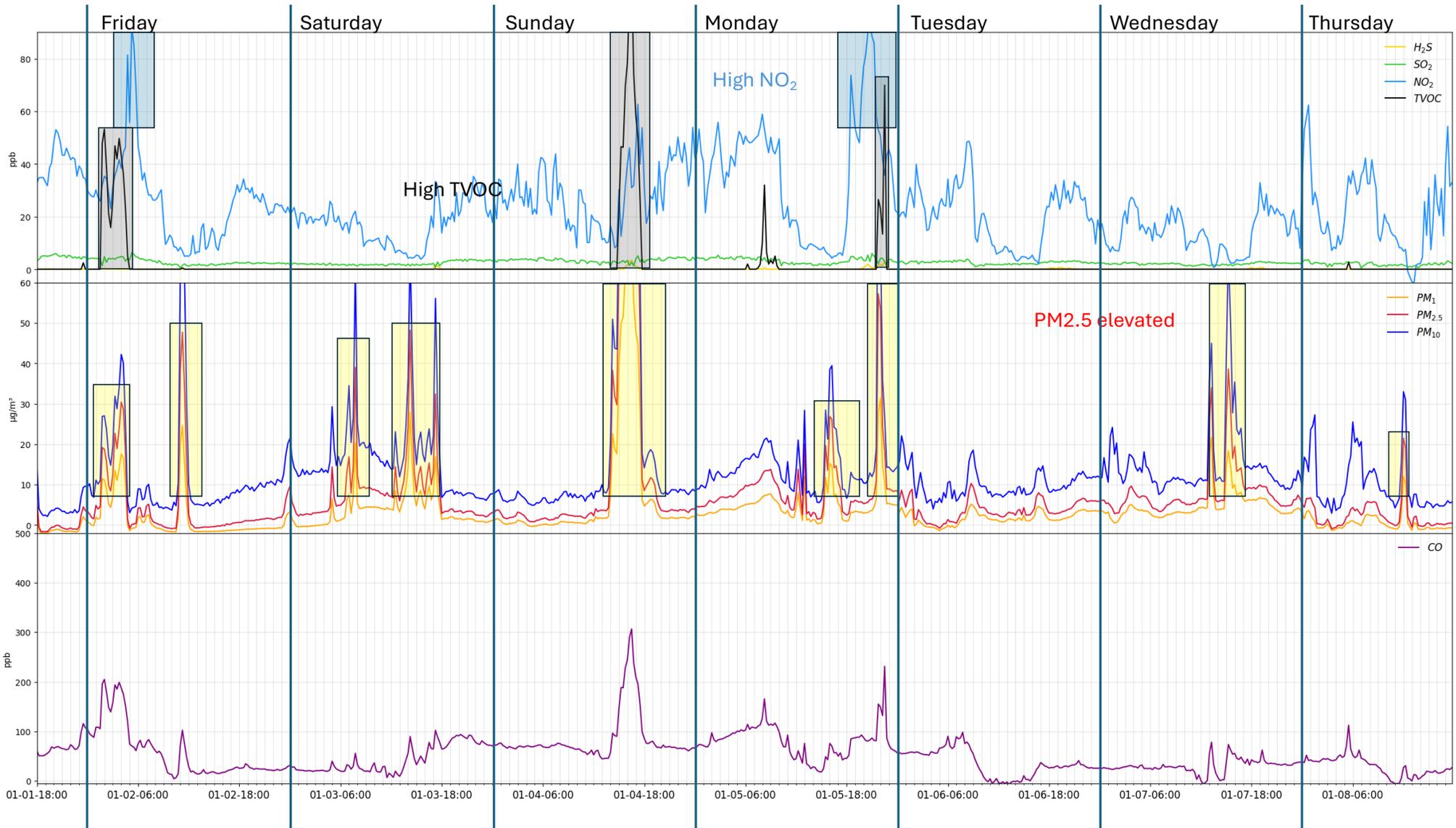
St. James POD

January 2 – January 8, 2026

Disclaimer

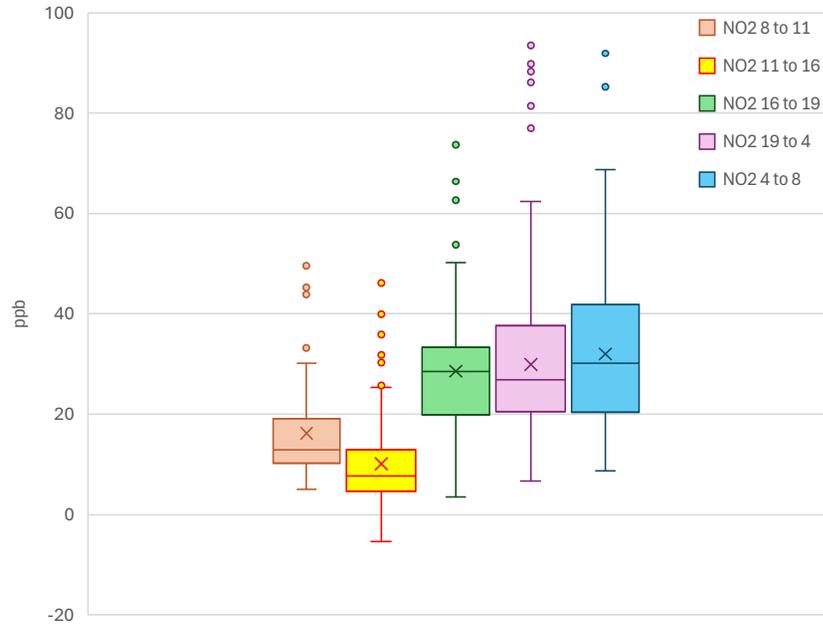
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



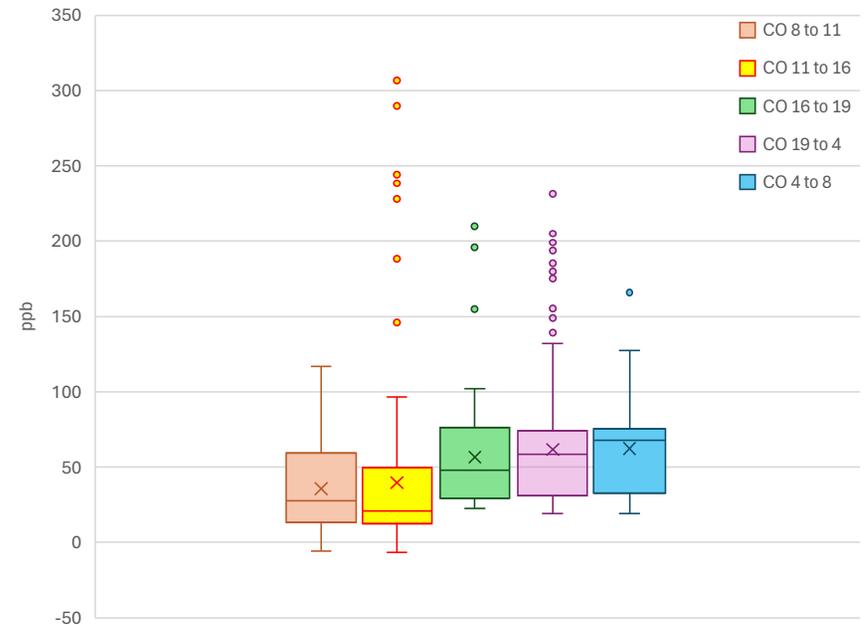
Hourly concentration distribution

NO₂ hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	32.0	30.2	20.4	41.9	8.8	91.9	112
NO ₂ 8 to 11	16.2	12.9	10.2	19.1	5.0	50.2	84
NO ₂ 11 to 16	10.1	7.7	4.7	12.9	-5.3	46.1	140
NO ₂ 16 to 19	28.6	28.5	19.9	33.4	3.5	73.6	84
NO ₂ 19 to 4	29.9	26.8	20.5	37.7	6.7	93.5	252

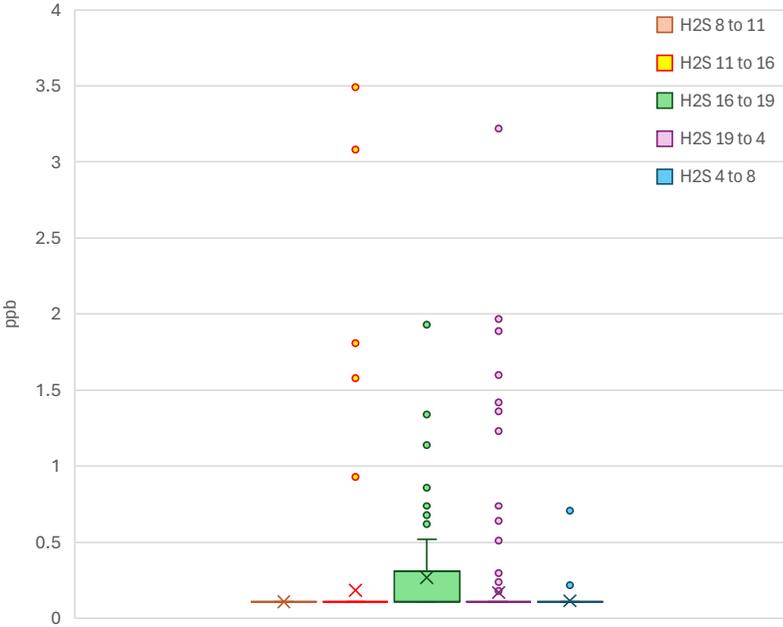
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	62.2	67.8	32.9	75.6	19.2	165.7	112
CO 8 to 11	35.8	27.5	13.3	59.4	-5.6	116.9	84
CO 11 to 16	39.7	21.1	12.3	49.6	-6.6	306.5	140
CO 16 to 19	56.7	48.0	29.2	76.1	22.7	209.9	84
CO 19 to 4	61.7	58.6	30.9	74.2	19.3	231.3	252

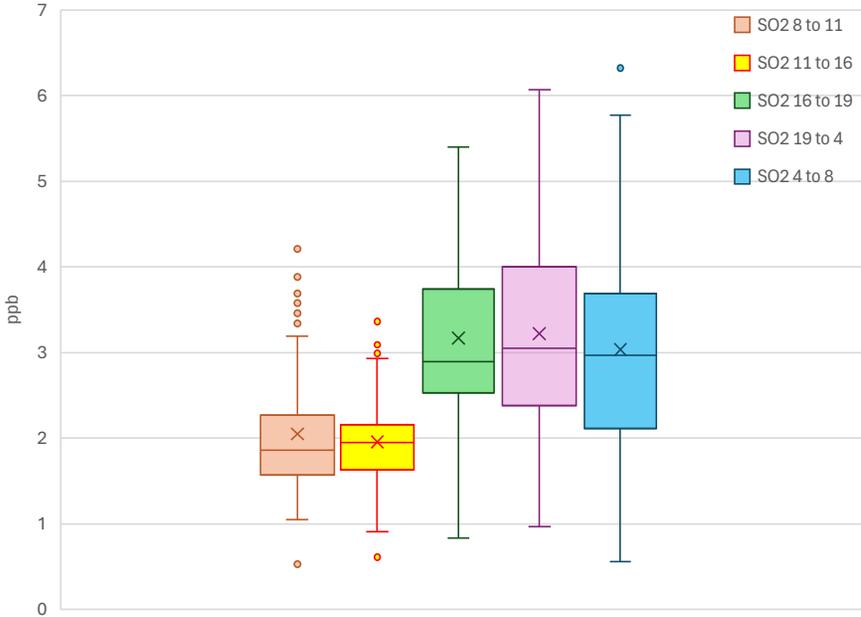
Hourly concentration distribution

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	0.7	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	0.2	0.1	0.1	0.1	0.1	3.5	140
H ₂ S 16 to 19	0.3	0.1	0.1	0.3	0.1	1.9	84
H ₂ S 19 to 4	0.2	0.1	0.1	0.1	0.1	3.2	252

SO₂ hourly distribution

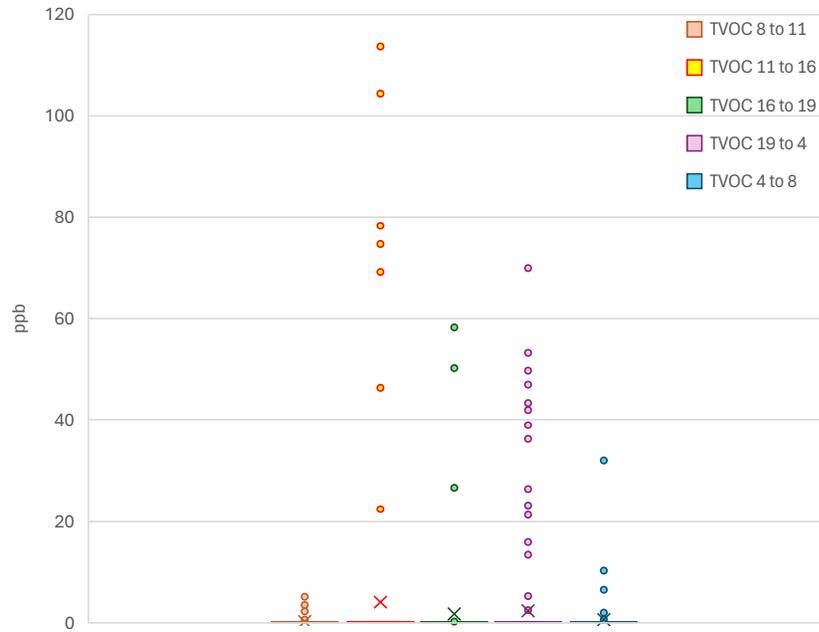


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	3.0	3.0	2.1	3.7	0.6	6.3	112
SO ₂ 8 to 11	2.0	1.9	1.6	2.3	0.5	4.2	84
SO ₂ 11 to 16	2.0	1.9	1.6	2.2	0.6	3.4	140
SO ₂ 16 to 19	3.2	2.9	2.5	3.7	0.8	5.4	84
SO ₂ 19 to 4	3.2	3.1	2.4	4.0	1.0	6.1	252

H₂S data is not referenced and calibrated against regulatory monitor

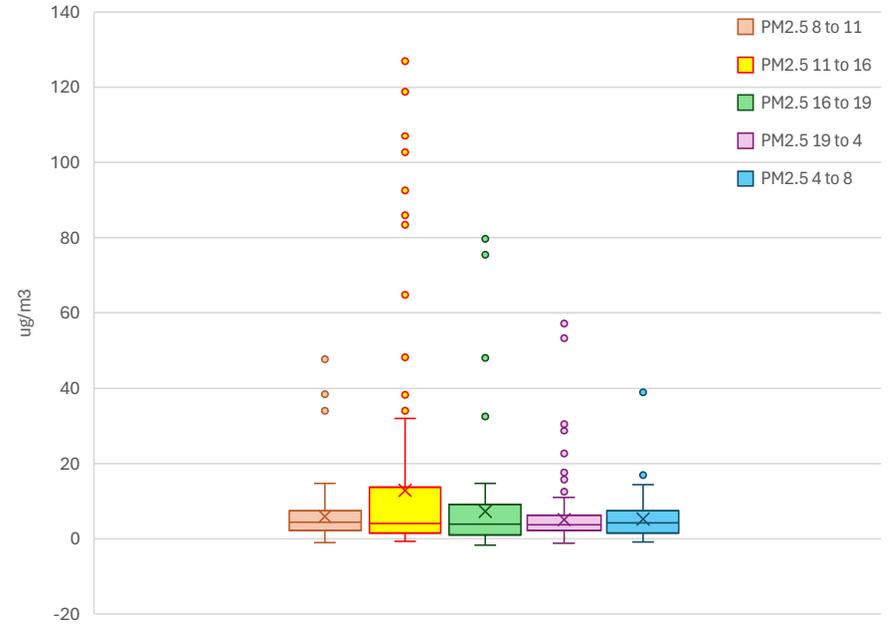
Hourly concentration distribution

TVOC hourly distribution



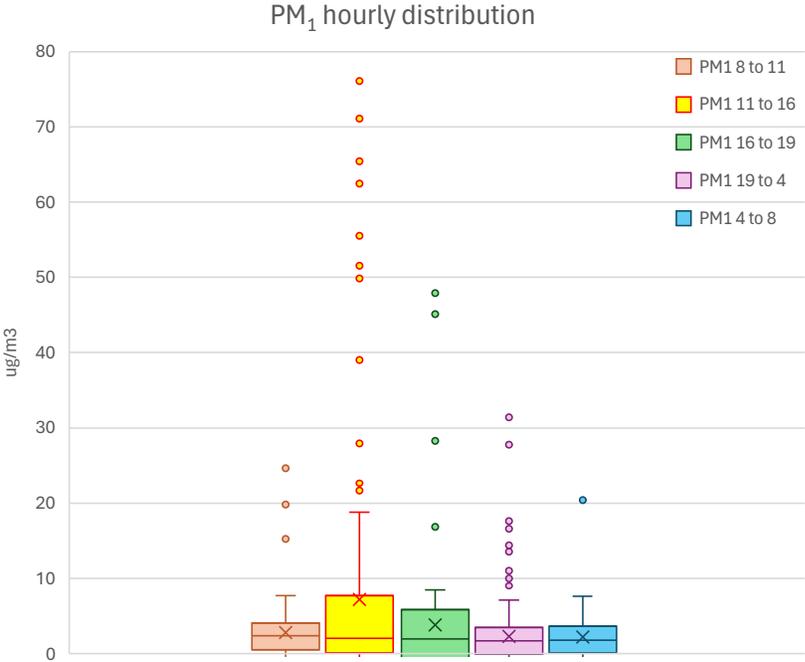
ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	0.6	0.1	0.1	0.1	0.1	32.0	112
TVOC 8 to 11	0.3	0.1	0.1	0.1	0.1	5.1	84
TVOC 11 to 16	4.1	0.1	0.1	0.1	0.1	113.6	140
TVOC 16 to 19	1.7	0.1	0.1	0.1	0.1	58.3	84
TVOC 19 to 4	2.4	0.1	0.1	0.1	0.1	69.9	252

PM_{2.5} hourly distribution

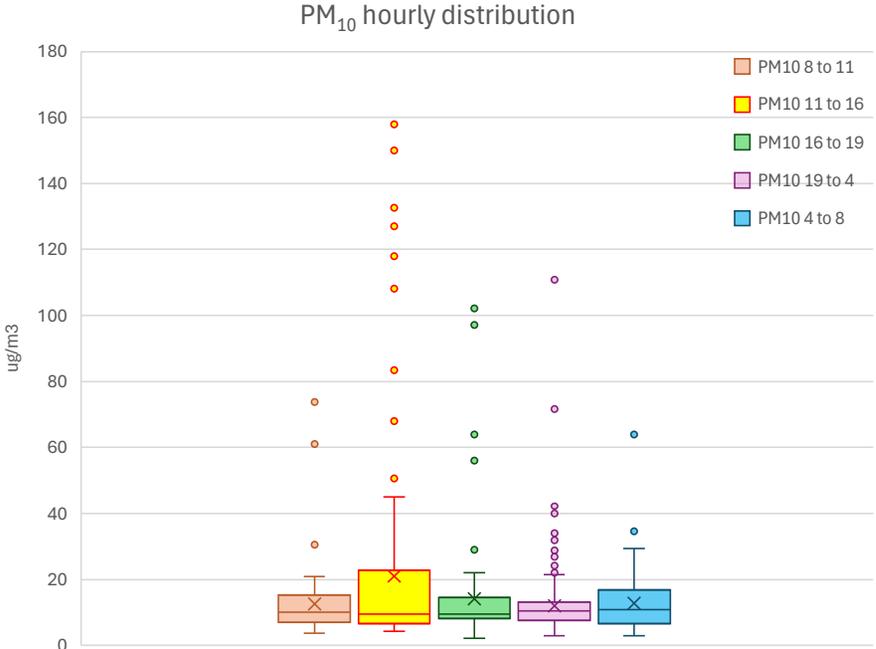


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	5.2	4.2	1.5	7.5	-0.8	39.0	112
PM _{2.5} 8 to 11	5.9	4.4	2.2	7.5	-0.9	47.7	84
PM _{2.5} 11 to 16	12.9	4.1	1.5	13.8	-0.7	126.9	140
PM _{2.5} 16 to 19	7.4	3.9	1.1	9.2	-1.6	79.7	84
PM _{2.5} 19 to 4	5.1	3.8	2.1	6.2	-1.1	57.3	252

Hourly concentration distribution

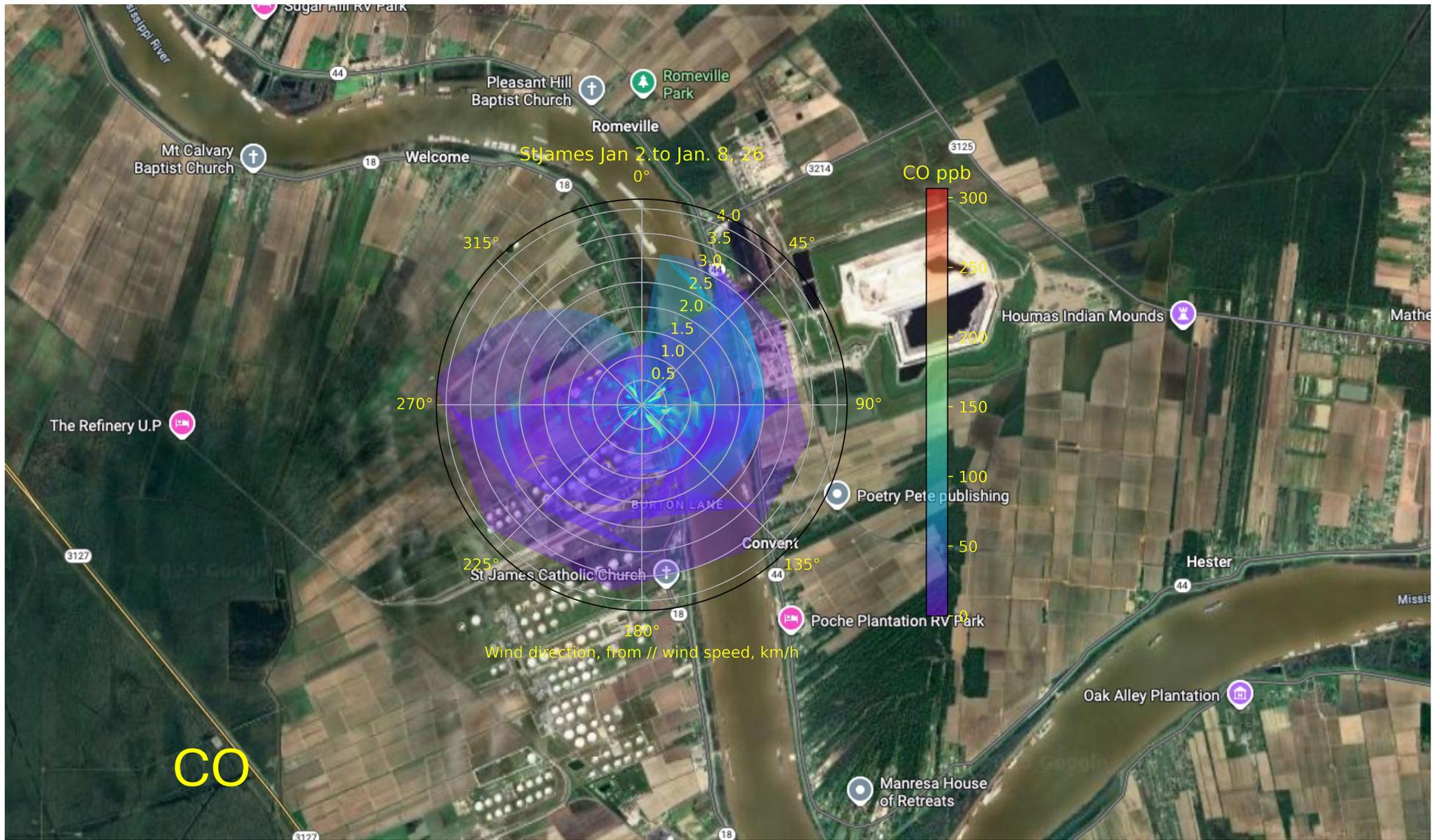


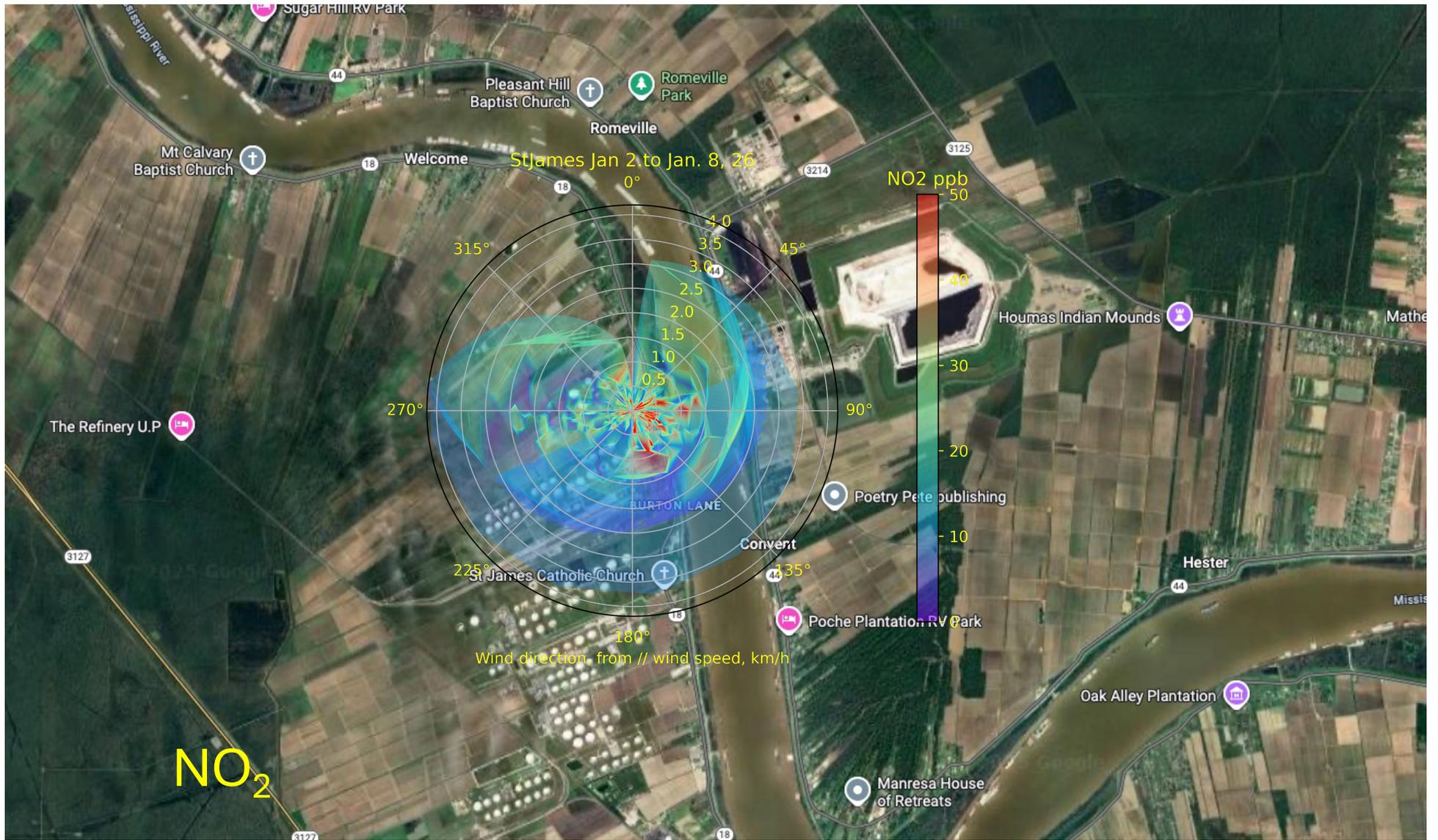
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	2.2	1.8	0.1	3.7	-1.4	20.4	112
PM ₁ 8 to 11	2.8	2.4	0.5	4.1	-1.7	24.7	84
PM ₁ 11 to 16	7.2	2.1	0.1	7.7	-1.6	76.1	140
PM ₁ 16 to 19	3.9	1.9	-0.7	5.8	-2.1	47.9	84
PM ₁ 19 to 4	2.3	1.7	-0.1	3.5	-1.7	31.4	252

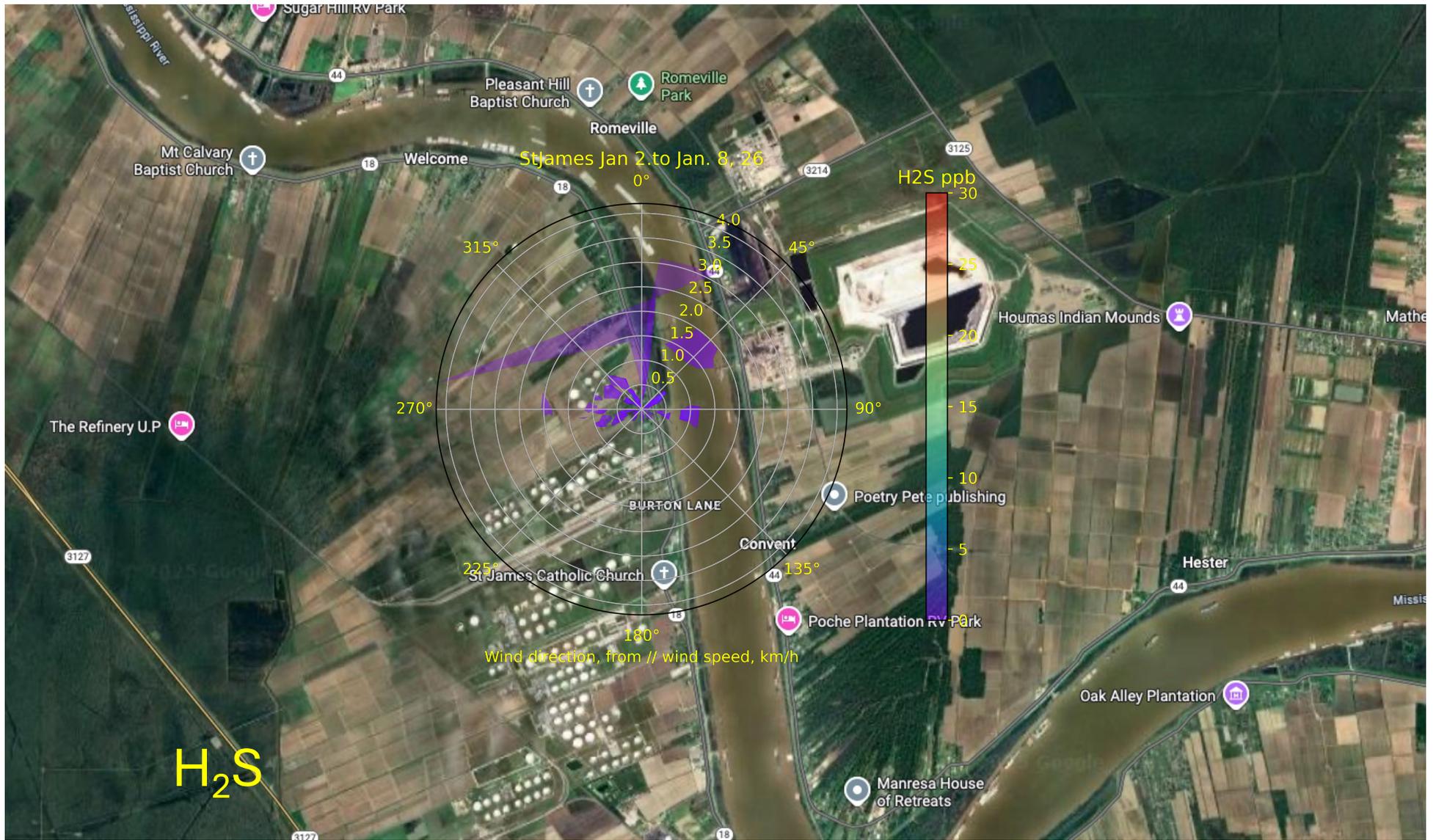


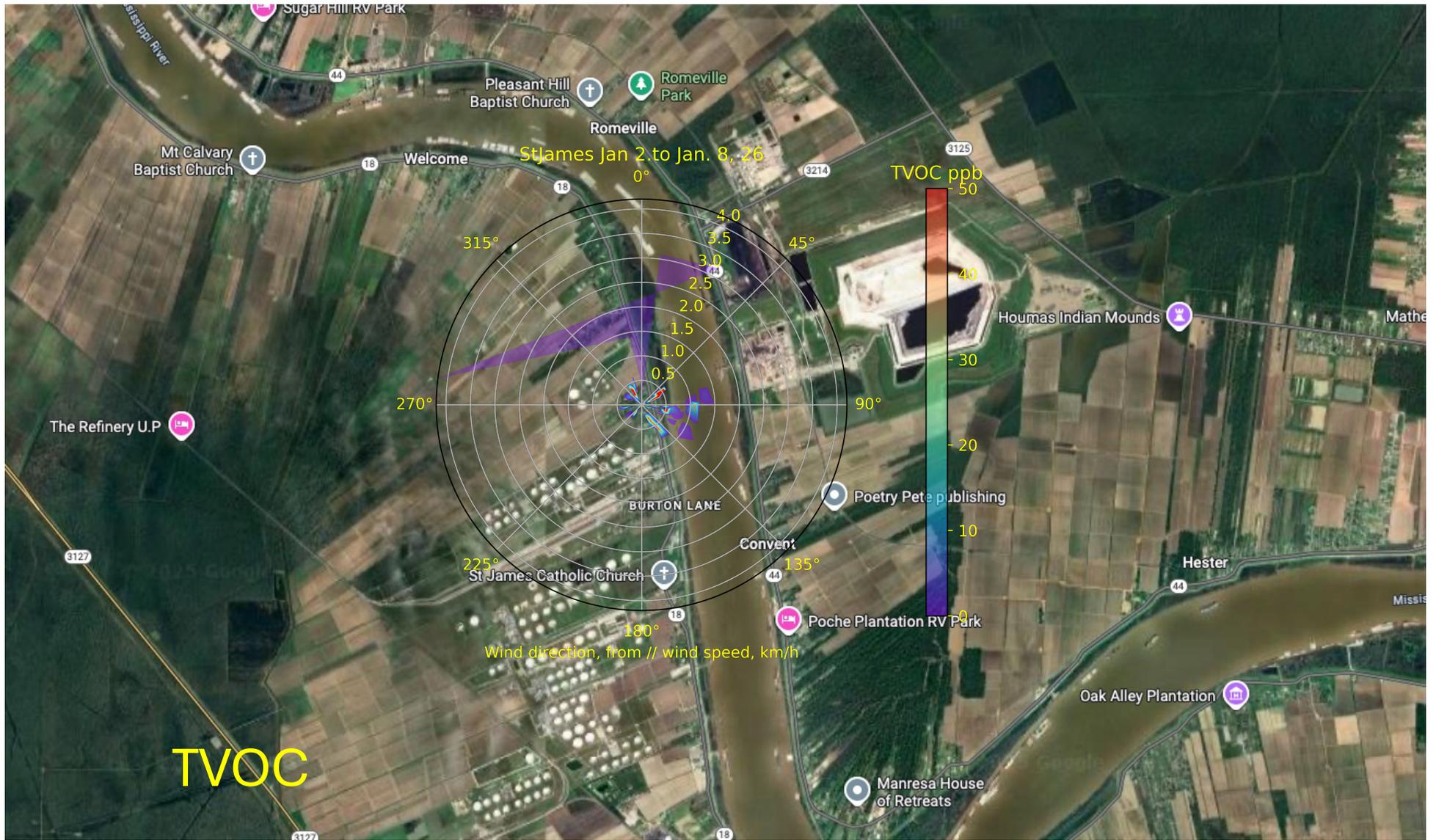
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	12.8	10.8	6.7	16.9	3.0	63.9	112
PM ₁₀ 8 to 11	12.7	10.0	7.0	15.3	3.7	73.8	84
PM ₁₀ 11 to 16	21.0	9.5	6.6	22.9	4.3	158.0	140
PM ₁₀ 16 to 19	14.1	9.6	8.2	14.6	2.1	102.1	84
PM ₁₀ 19 to 4	12.0	10.5	7.6	13.2	2.9	110.9	252

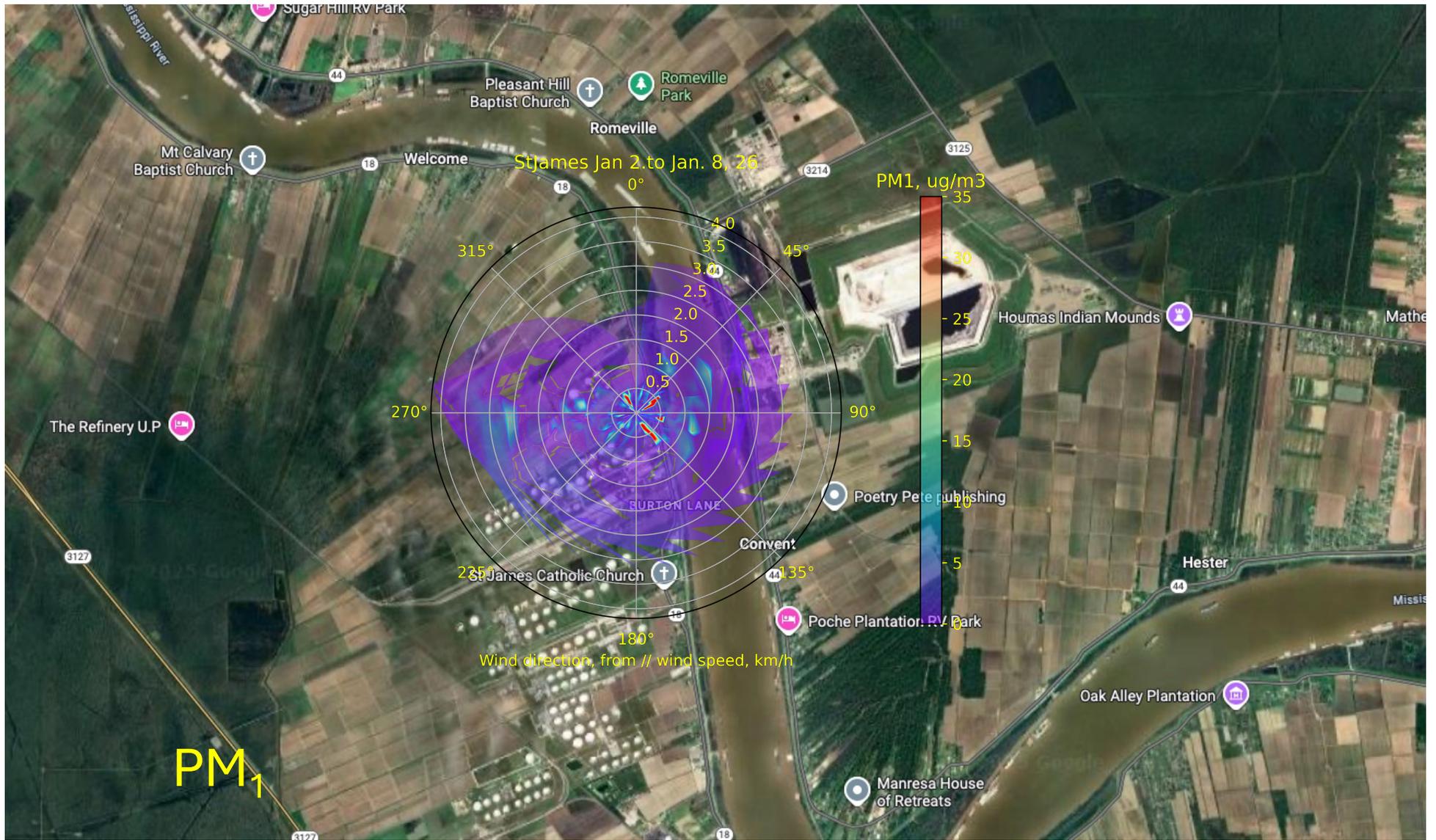
PM₁ data is not referenced and calibrated against regulatory monitor

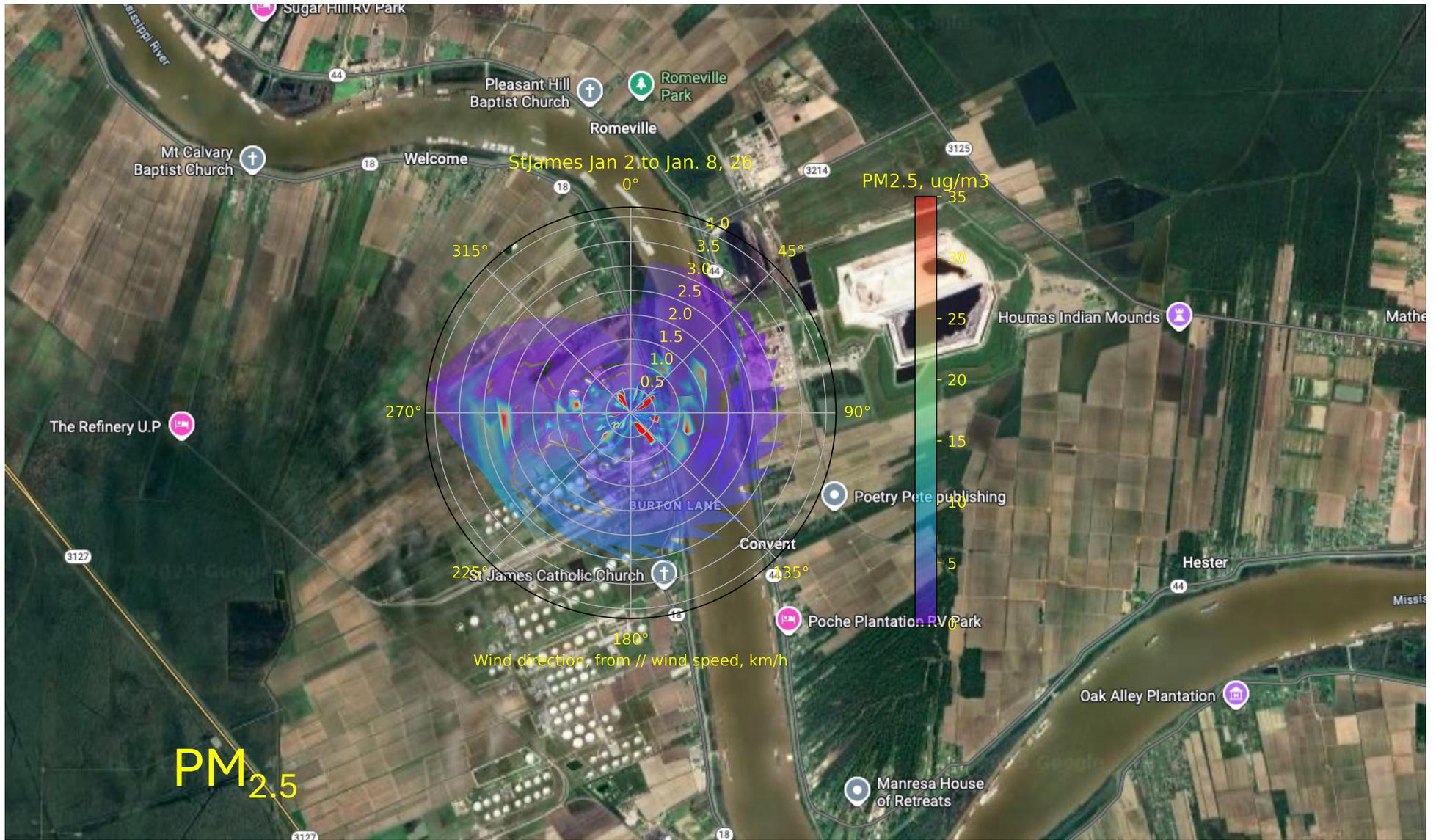


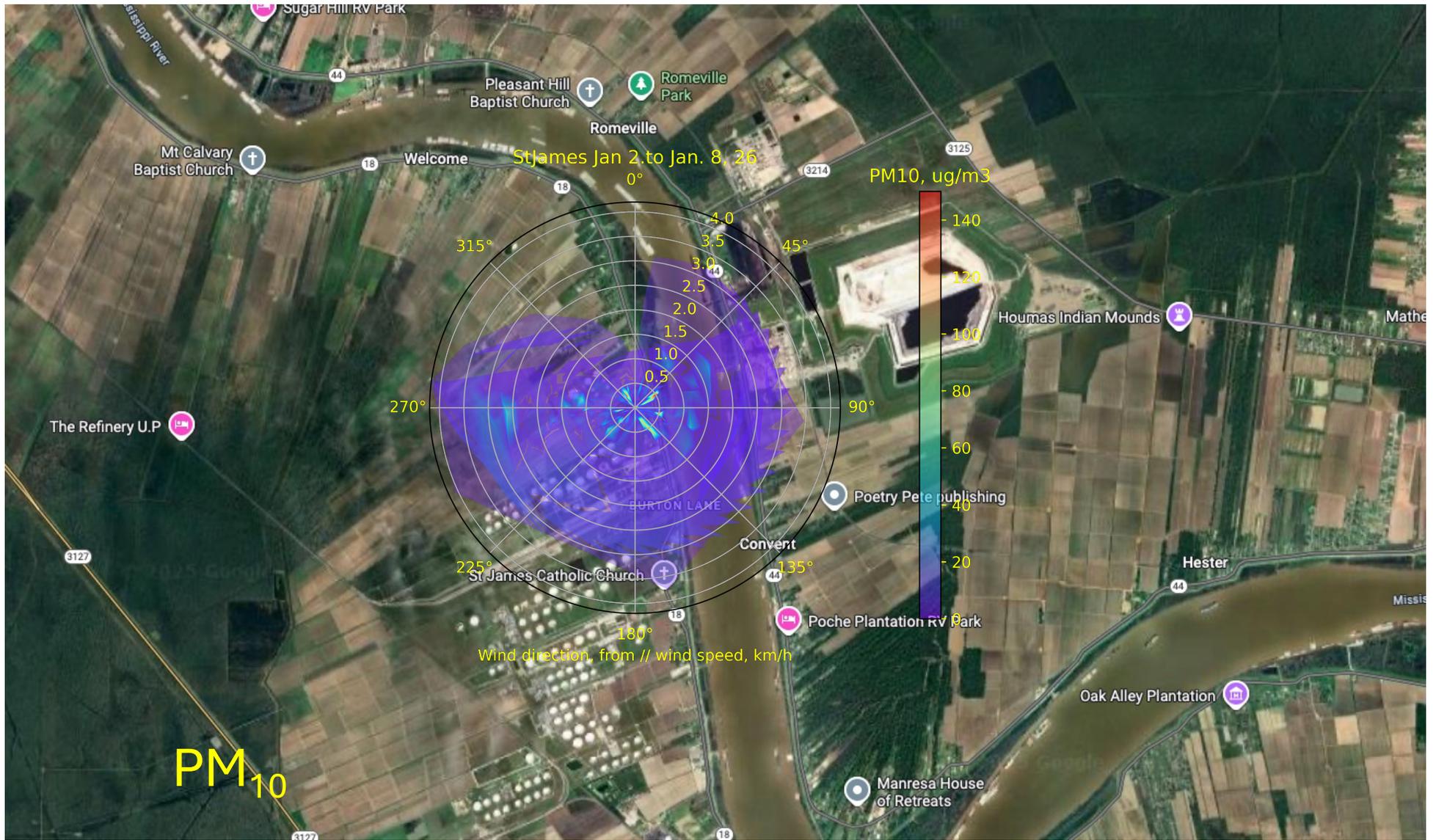














St. James POD 01/02-01/08

- PM_{2.5} is a major concern, mostly from North-East-South quadrant
- Some distant source of PM_{2.5} also noted from West.