

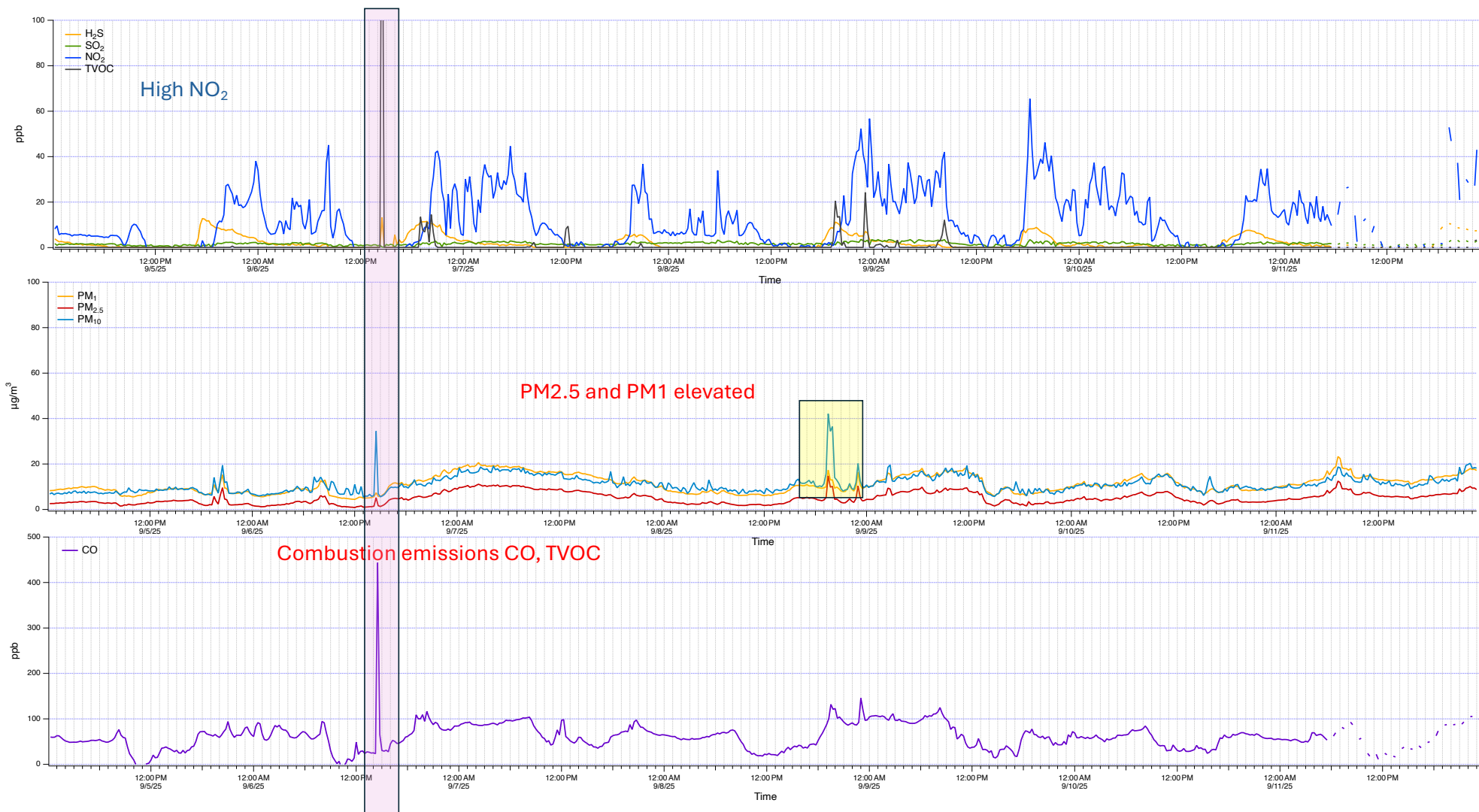
St James POD

September 5-11, 2025

Disclaimer

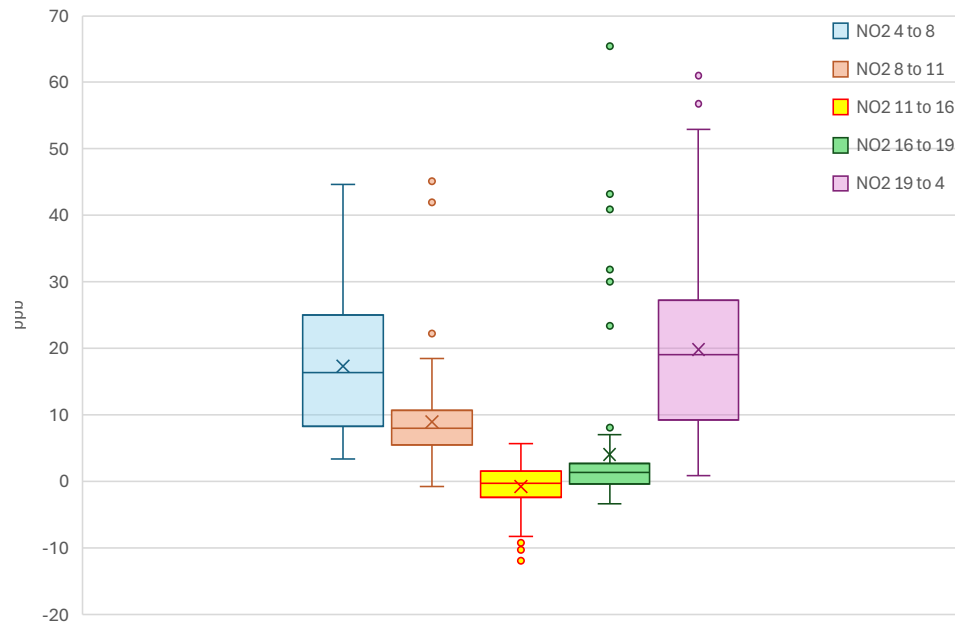
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



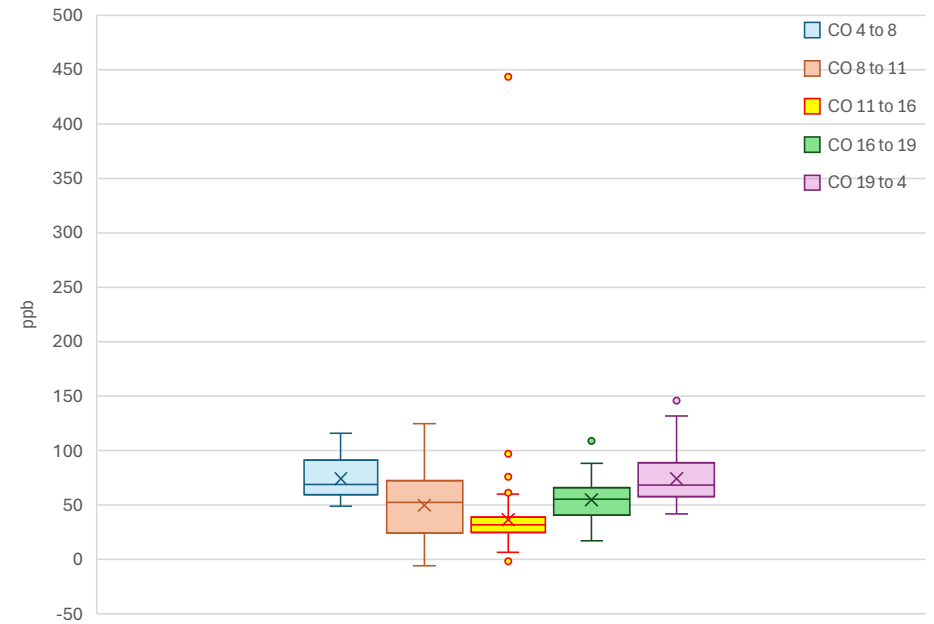
Hourly concentration distribution

NO2 hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO2 4 to 8	17.3	16.4	7.9	25.5	3.3	44.6	106
NO2 8 to 11	9.0	8.0	5.5	10.7	-0.8	45.1	78
NO2 11 to 16	-0.8	-0.2	-2.4	1.6	-11.9	5.7	130
NO2 16 to 19	4.0	1.4	-0.4	2.7	-3.3	65.5	78
NO2 19 to 4	19.8	19.1	9.1	27.2	0.9	61.0	242

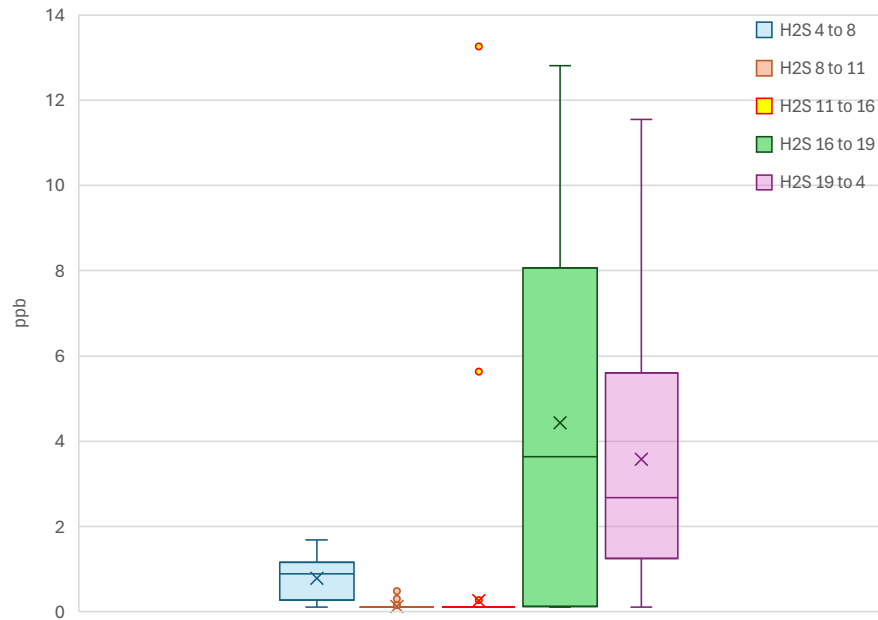
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	73.8	68.5	59.2	91.2	48.9	115.5	106
CO 8 to 11	49.7	52.0	24.0	72.4	-5.9	124.8	78
CO 11 to 16	36.5	31.6	24.4	38.9	-1.9	443.5	130
CO 16 to 19	54.4	55.4	40.5	66.1	17.2	109.0	78
CO 19 to 4	73.8	68.4	57.5	88.6	41.9	145.7	242

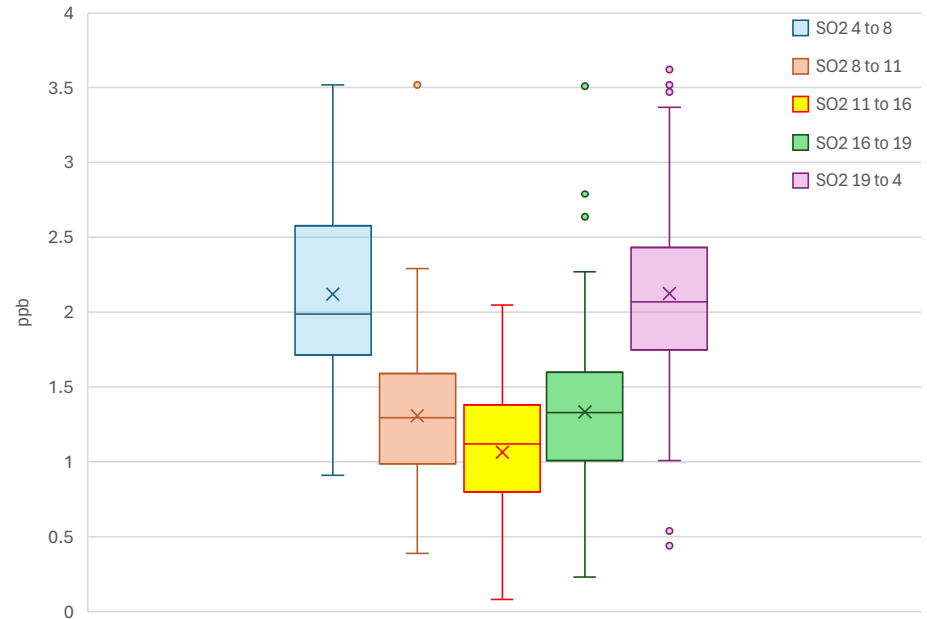
Hourly concentration distribution

H2S hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H2S 4 to 8	0.8	0.9	0.3	1.2	0.1	1.7	106
H2S 8 to 11	0.1	0.1	0.1	0.1	0.1	0.5	78
H2S 11 to 16	0.3	0.1	0.1	0.1	0.1	13.3	130
H2S 16 to 19	4.4	3.6	0.1	8.1	0.1	12.8	78
H2S 19 to 4	3.6	2.7	1.3	5.7	0.1	11.5	242

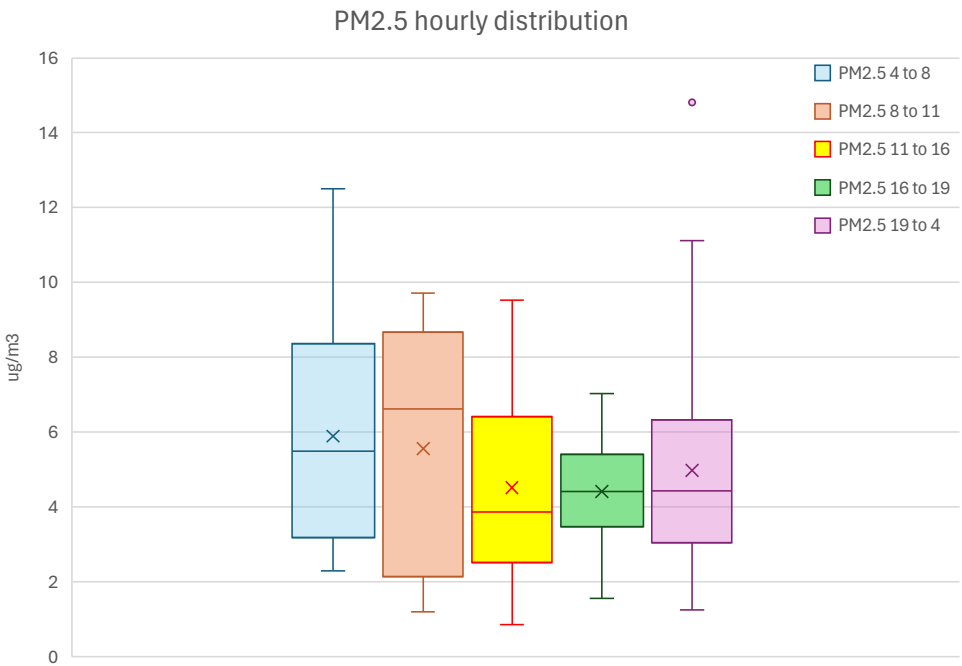
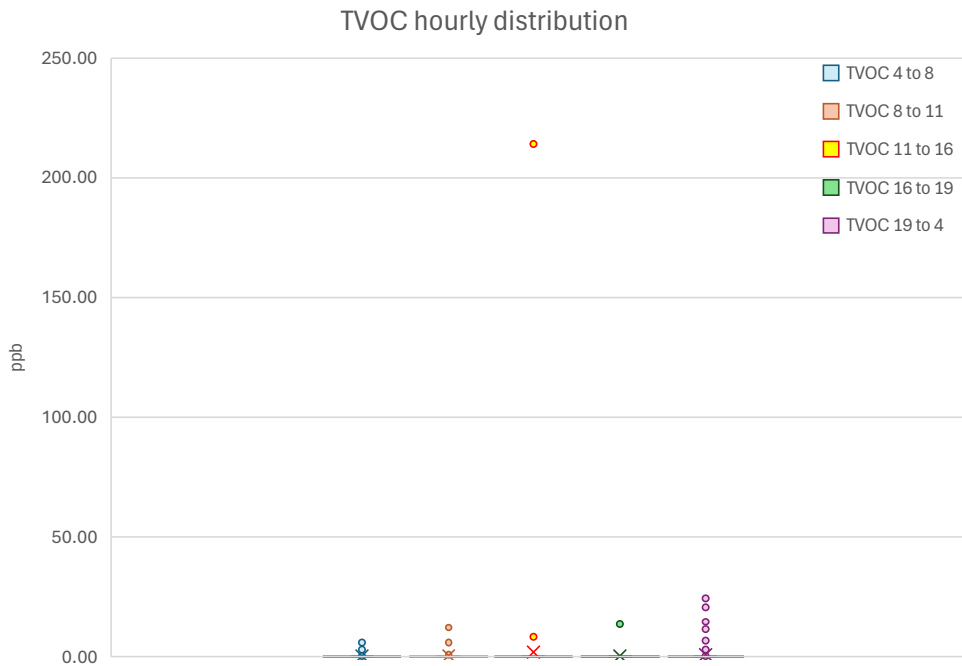
SO2 hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO2 4 to 8	2.1	2.0	1.7	2.6	0.9	3.5	106
SO2 8 to 11	1.3	1.3	1.0	1.6	0.4	3.5	78
SO2 11 to 16	1.1	1.1	0.8	1.4	0.1	2.1	130
SO2 16 to 19	1.3	1.3	1.0	1.6	0.2	3.5	78
SO2 19 to 4	2.1	2.1	1.7	2.4	0.4	3.6	242

H₂S data is not referenced and calibrated against regulatory monitor

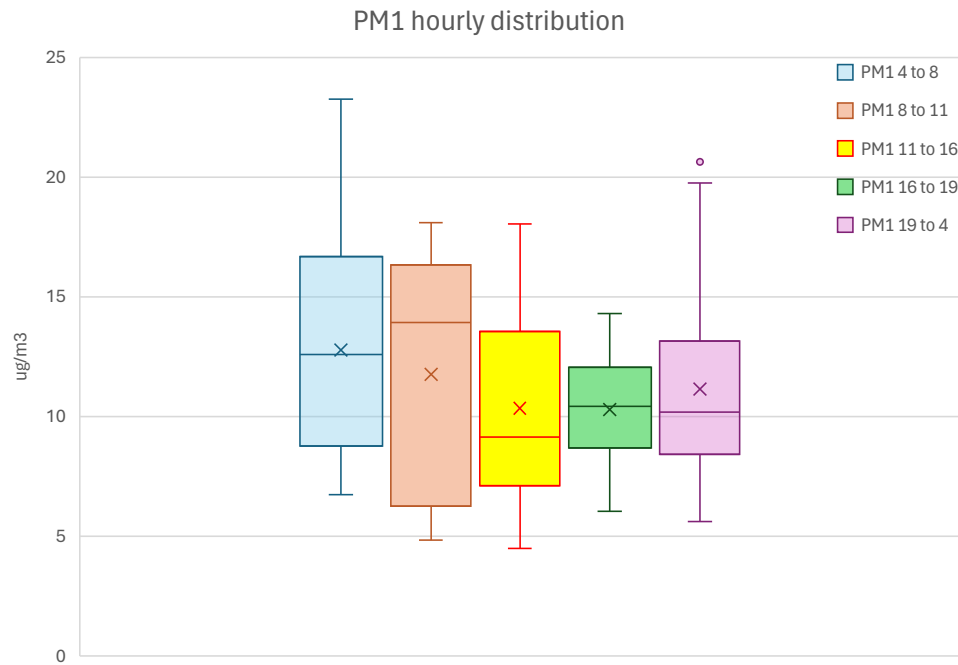
Hourly concentration distribution



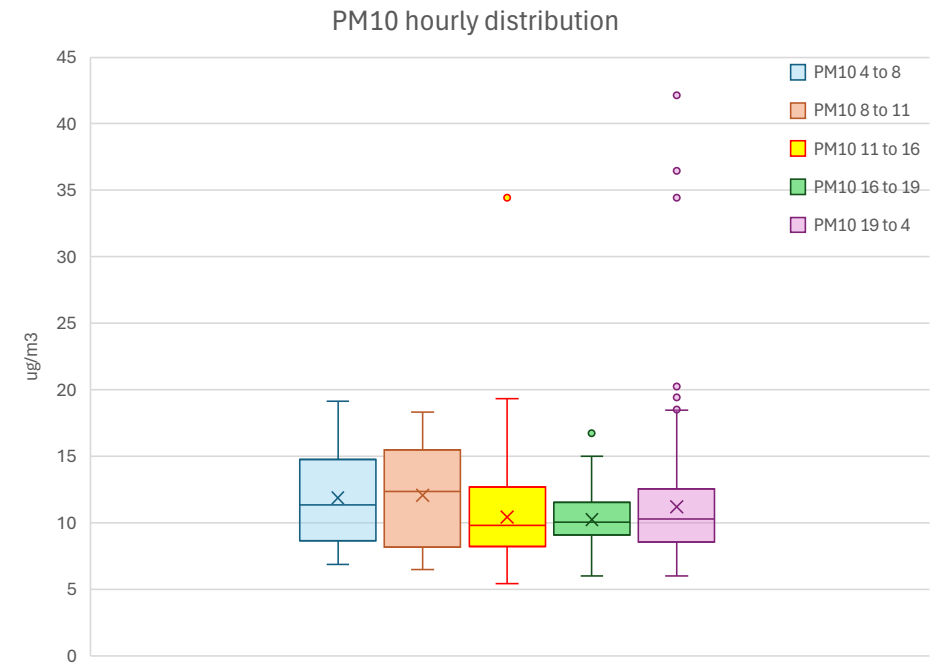
ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	0.2	0.1	0.1	0.1	0.1	5.8	106
TVOC 8 to 11	0.4	0.1	0.1	0.1	0.1	12.2	78
TVOC 11 to 16	1.9	0.1	0.1	0.1	0.1	214.1	130
TVOC 16 to 19	0.3	0.1	0.1	0.1	0.1	13.5	78
TVOC 19 to 4	0.7	0.1	0.1	0.1	0.1	24.3	242

ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM2.5 4 to 8	5.9	5.5	3.2	8.4	2.3	12.5	112
PM2.5 8 to 11	5.6	6.6	2.1	8.7	1.2	9.7	84
PM2.5 11 to 16	4.5	3.9	2.5	6.4	0.9	9.5	140
PM2.5 16 to 19	4.4	4.4	3.5	5.4	1.6	7.0	84
PM2.5 19 to 4	5.0	4.4	3.0	6.4	1.3	14.8	252

Hourly concentration distribution

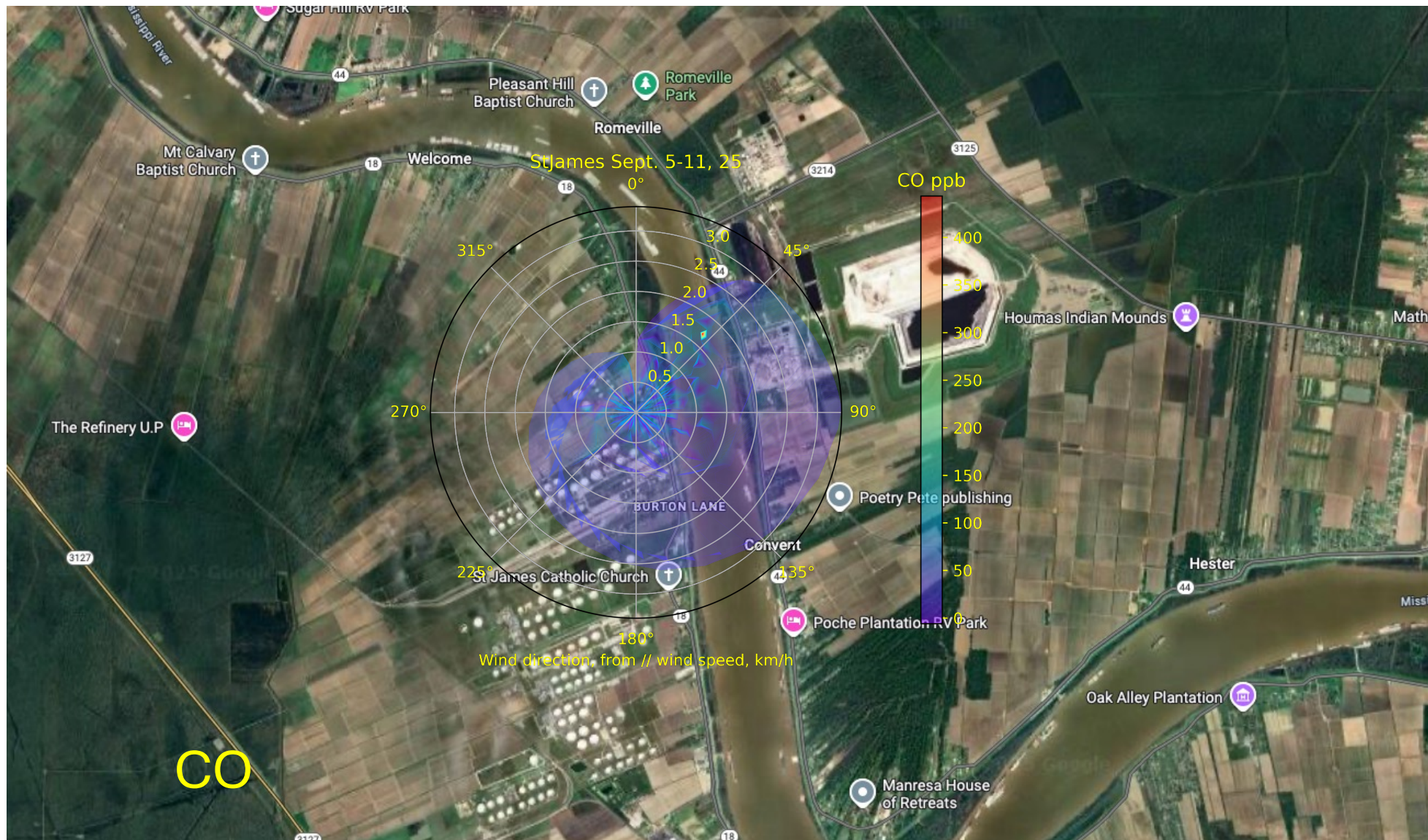


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM1 4 to 8	12.8	12.6	8.8	16.8	6.7	23.3	112
PM1 8 to 11	11.8	13.9	6.2	16.3	4.8	18.1	84
PM1 11 to 16	10.3	9.1	7.1	13.5	4.5	18.0	140
PM1 16 to 19	10.3	10.4	8.7	12.1	6.0	14.3	84
PM1 19 to 4	11.2	10.2	8.4	13.2	5.6	20.6	252



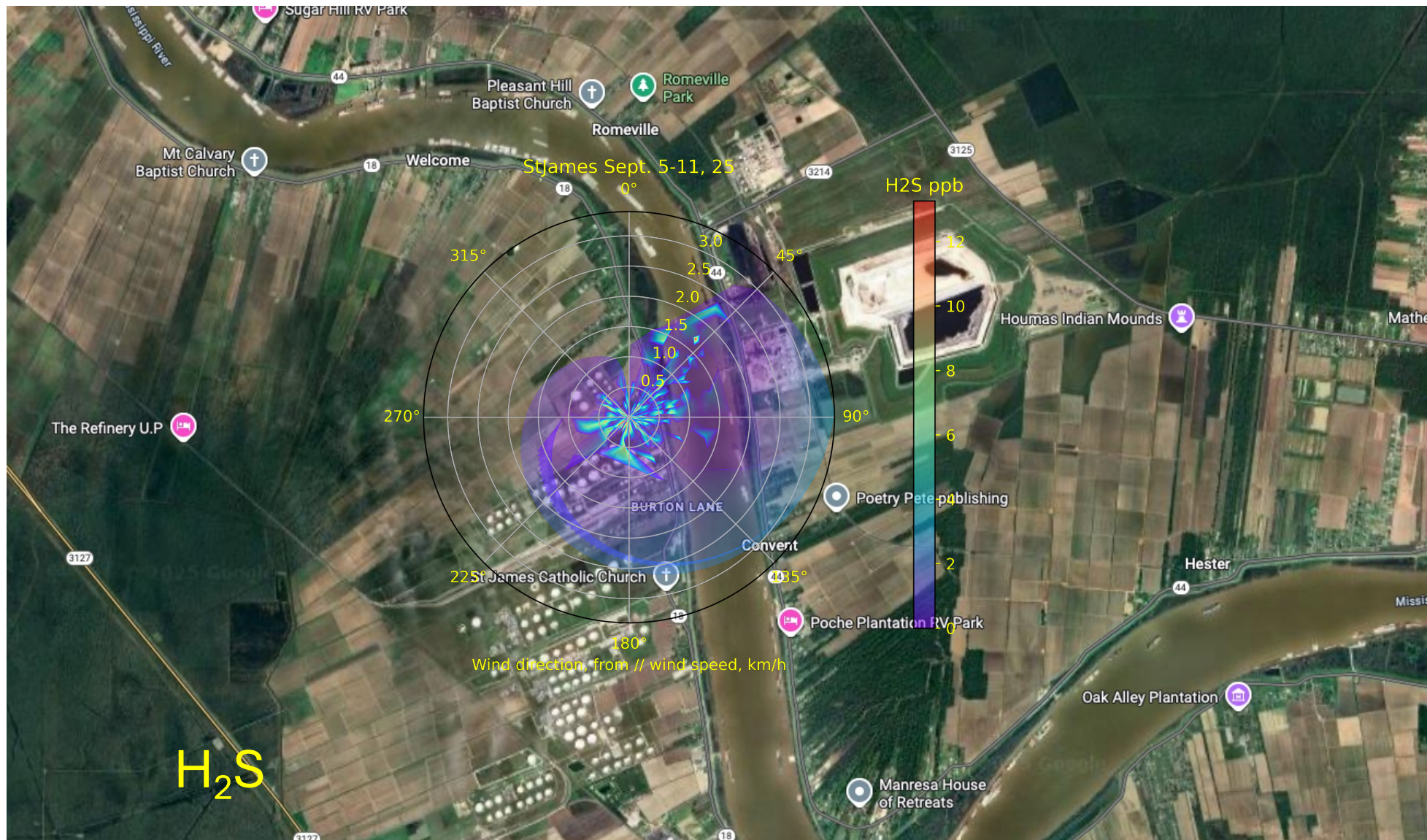
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM10 4 to 8	11.9	11.3	8.6	14.8	6.9	19.2	112
PM10 8 to 11	12.1	12.4	8.2	15.5	6.5	18.3	84
PM10 11 to 16	10.4	9.8	8.2	12.7	5.5	34.5	140
PM10 16 to 19	10.2	10.1	9.1	11.5	6.0	16.7	84
PM10 19 to 4	11.2	10.3	8.6	12.6	6.0	42.1	252

PM₁ data is not referenced and calibrated against regulatory monitor

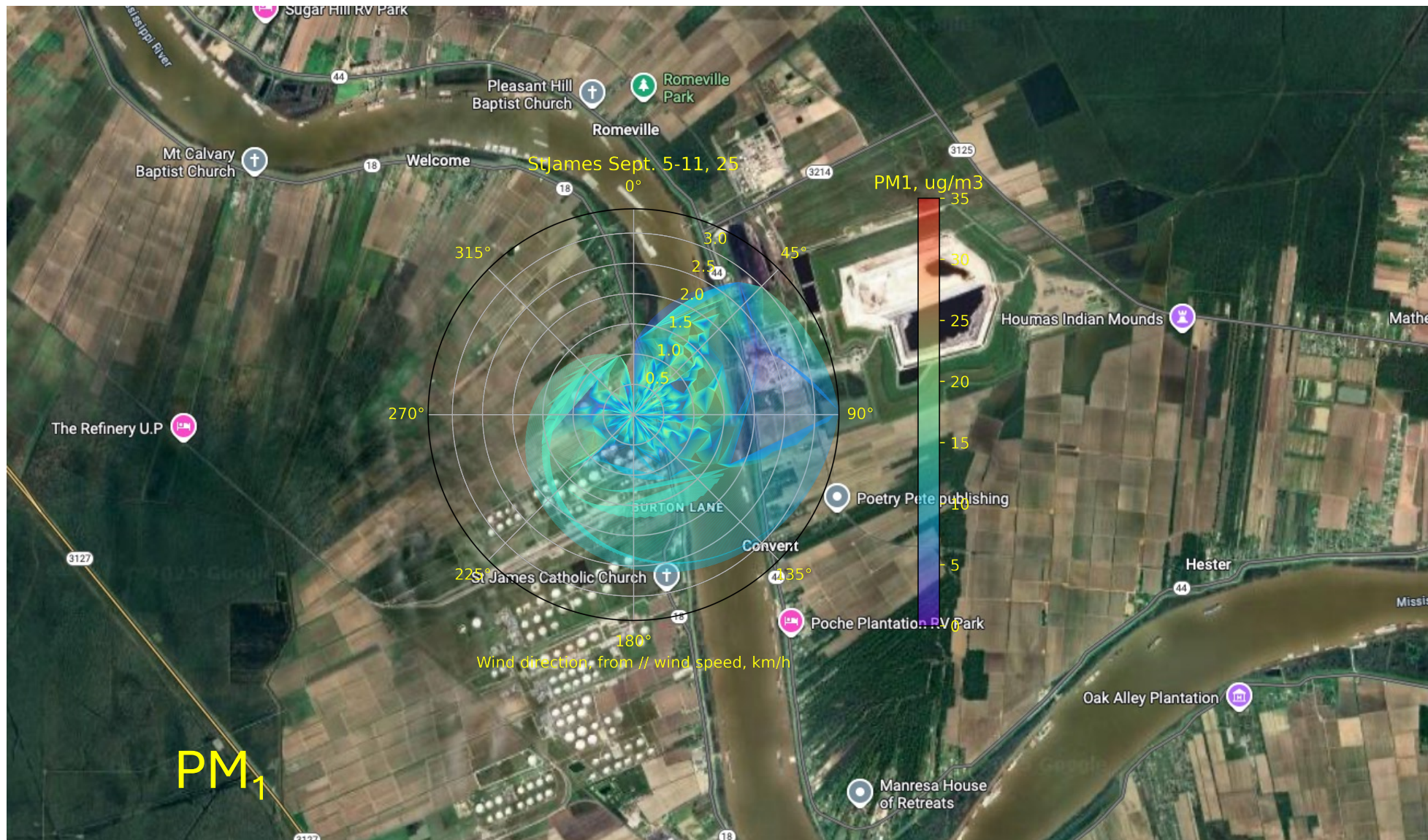


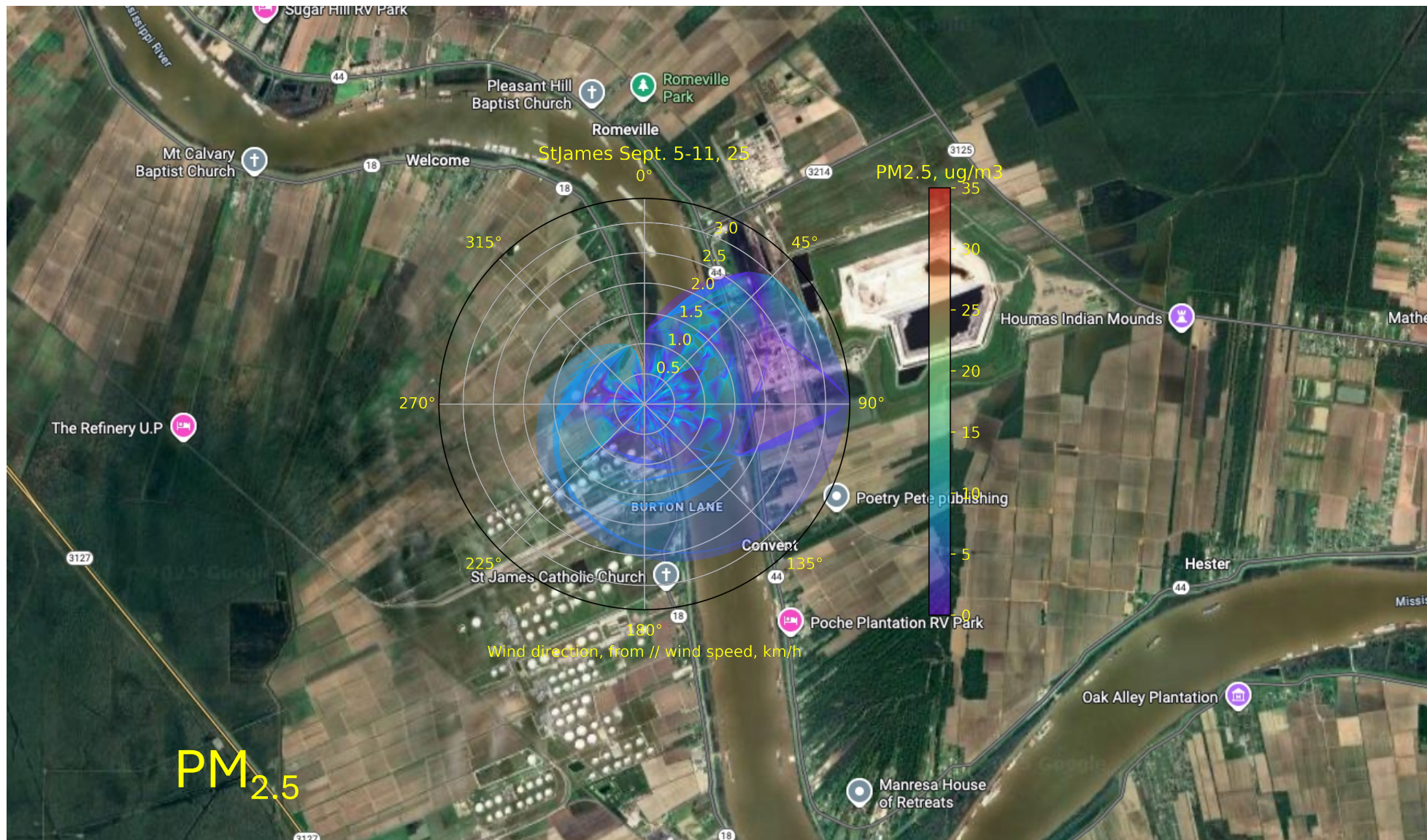


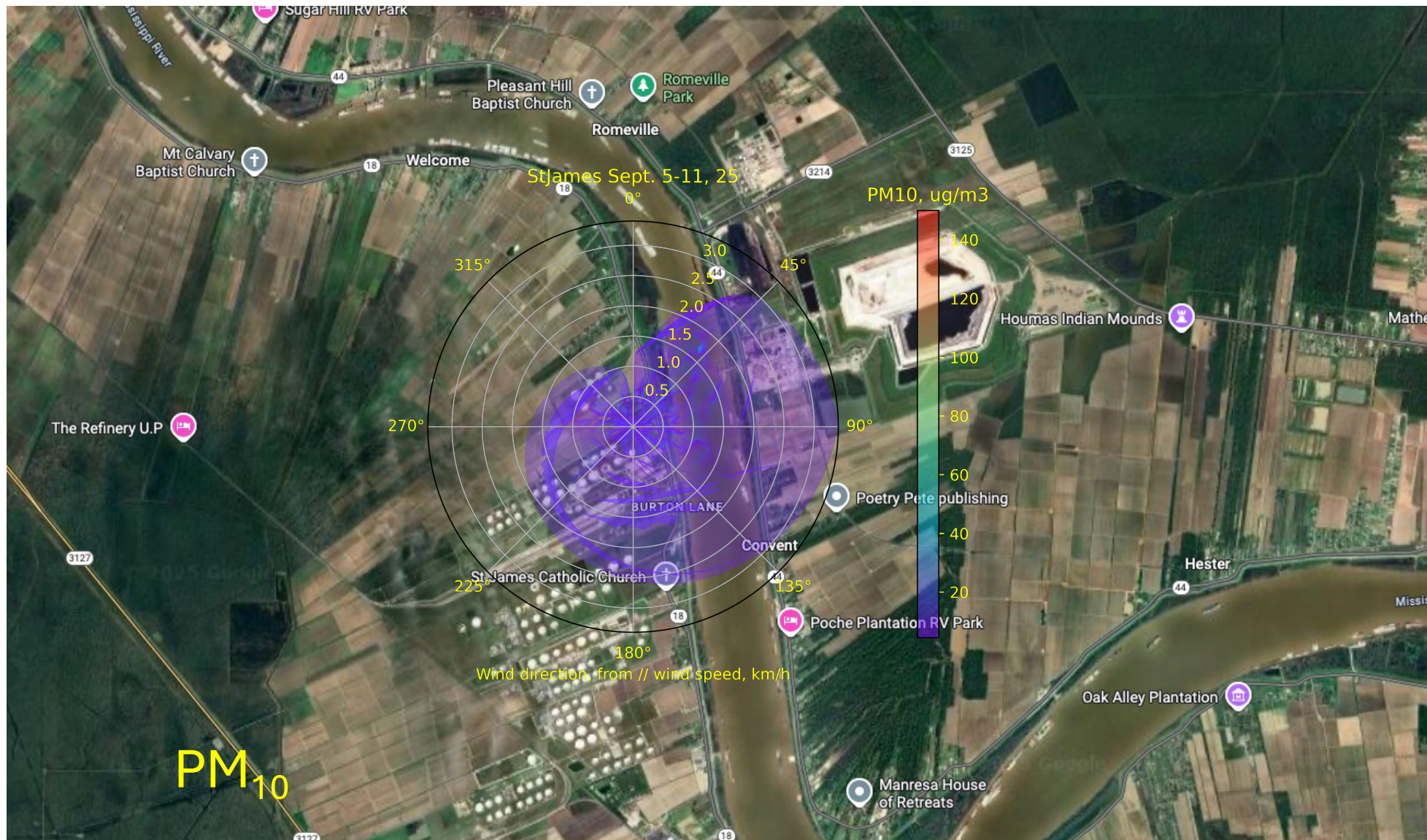












St. James POD

09/05-09/11

- Generally no major air pollution events, except one VOC and CO spike
- Pollutants generally incoming from North-East direction

