

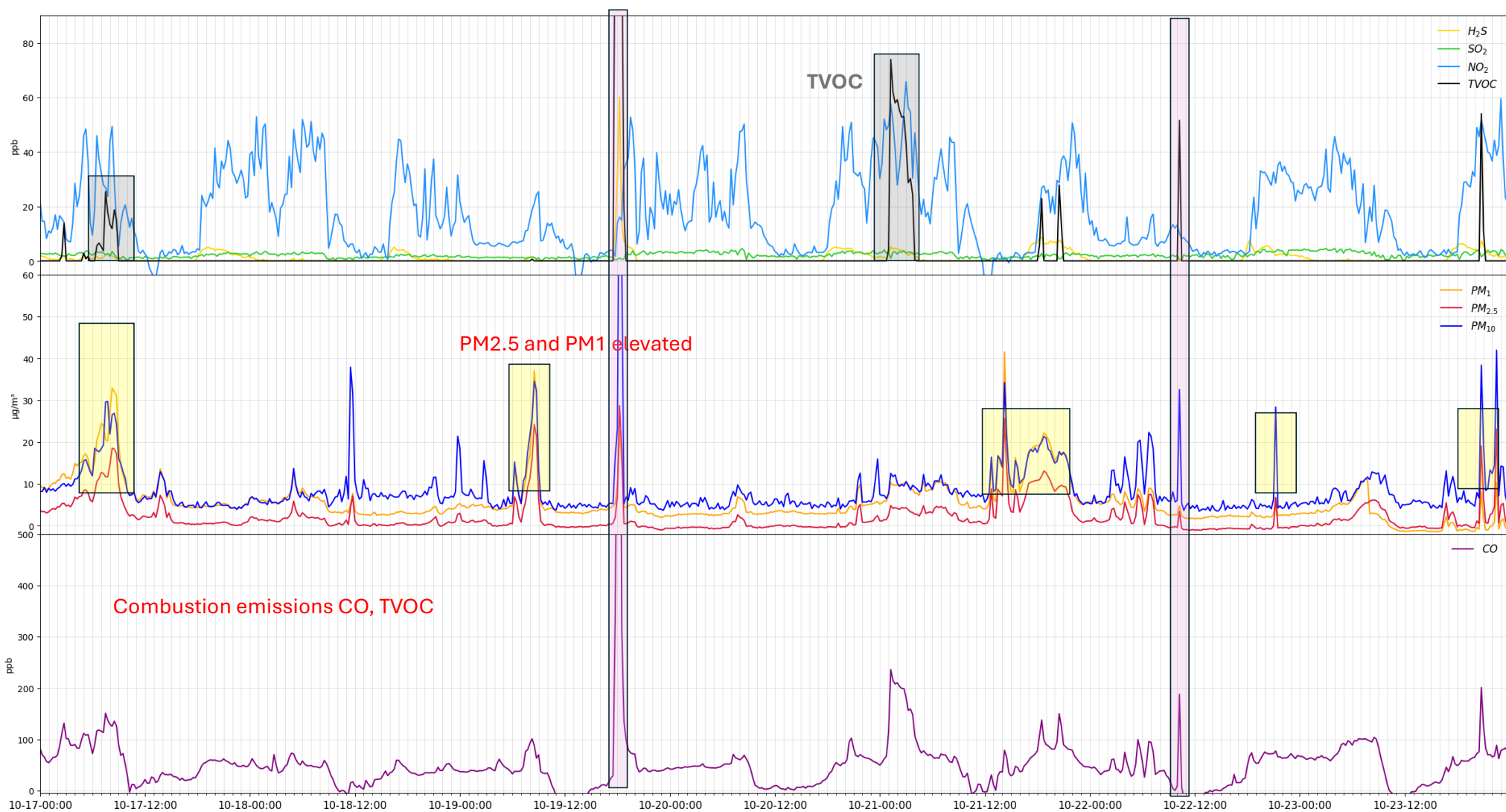
St James POD

October 17 – October 23, 2025

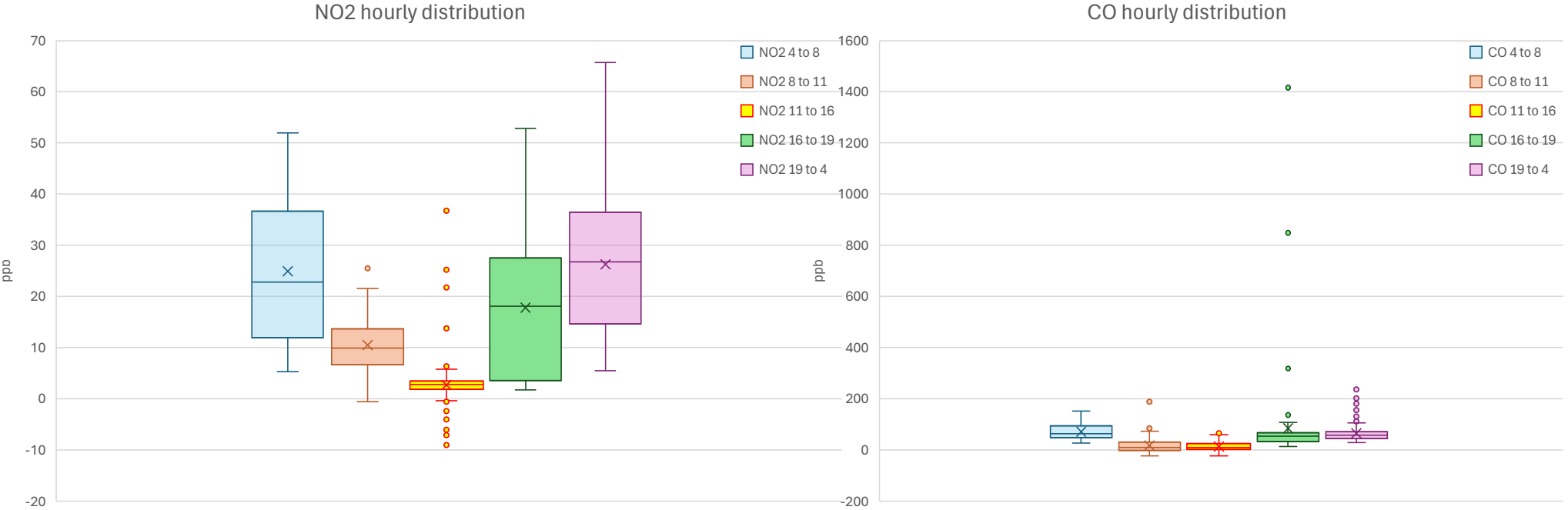
Disclaimer

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.

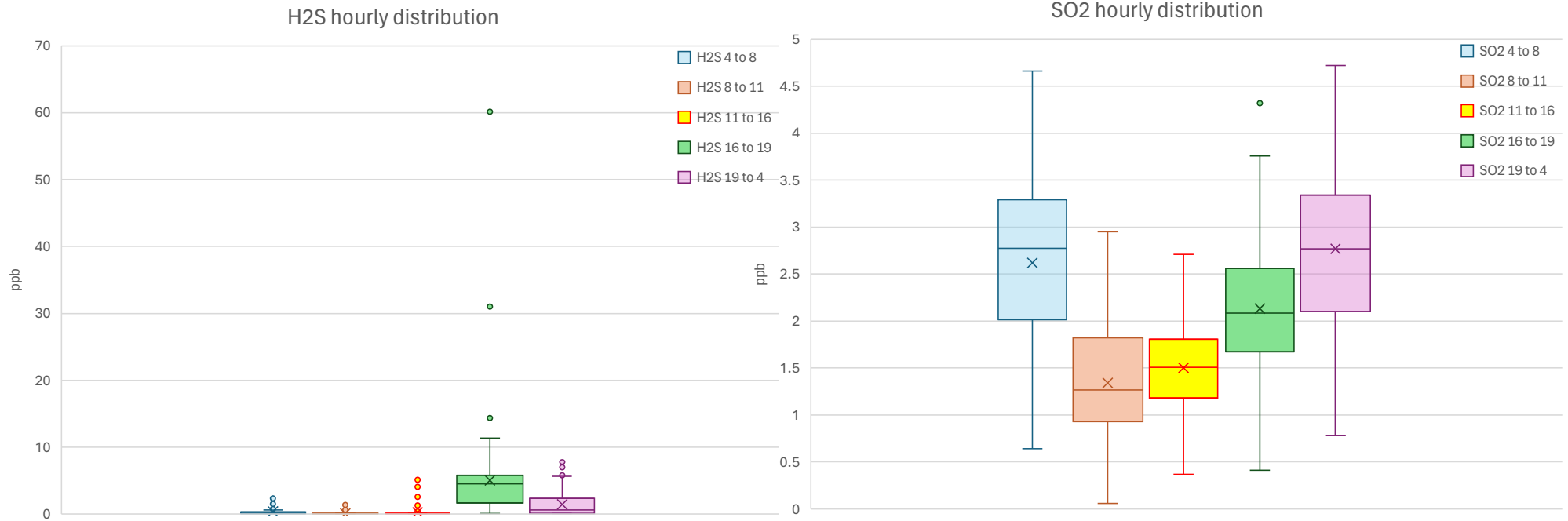


Hourly concentration distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points	ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO2 4 to 8	24.9	22.8	11.5	36.6	5.3	51.9	112	CO 4 to 8	71.5	64.1	48.9	95.2	26.6	151.2	112
NO2 8 to 11	10.5	9.9	6.6	13.6	-0.6	25.5	84	CO 8 to 11	17.1	9.3	-1.6	29.9	-22.8	188.0	84
NO2 11 to 16	2.7	2.8	1.8	3.4	-9.0	36.8	140	CO 11 to 16	13.4	10.0	2.0	25.2	-22.1	79.0	140
NO2 16 to 19	17.8	18.1	3.6	27.5	1.8	52.8	84	CO 16 to 19	84.7	53.8	33.0	67.4	13.4	1416.0	84
NO2 19 to 4	26.2	26.8	14.6	36.6	5.5	65.7	252	CO 19 to 4	65.4	57.3	44.4	71.5	28.3	236.2	252

Hourly concentration distribution

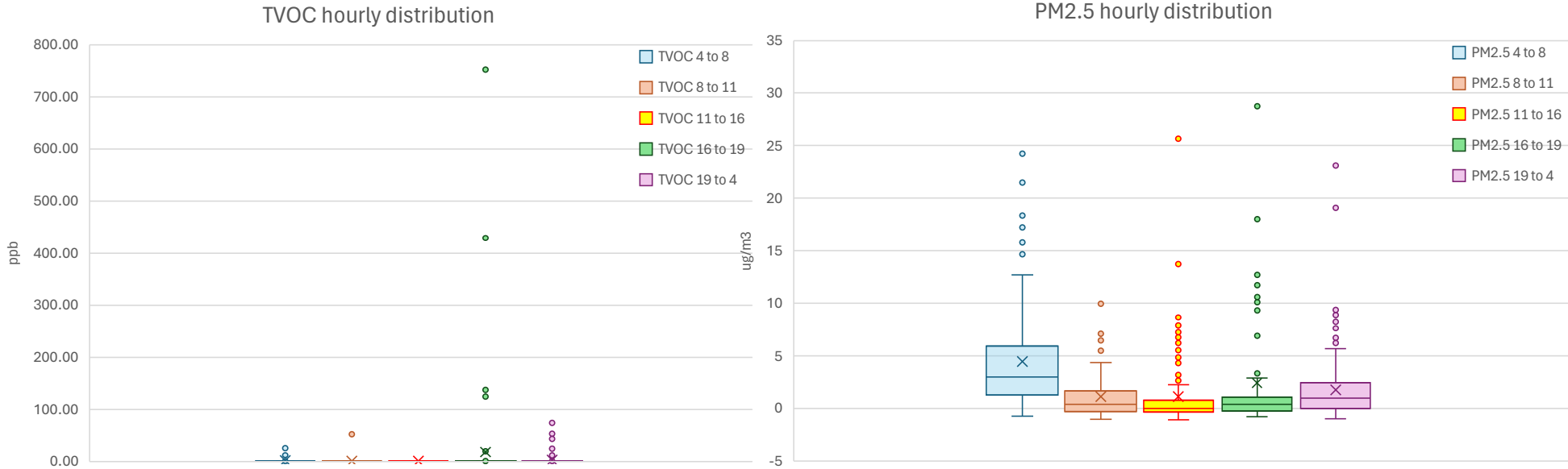


ppb	Mean	Median	Q1	Q3	Min	Max	# points
H2S 4 to 8	0.4	0.1	0.1	0.4	0.0	2.7	112
H2S 8 to 11	0.1	0.1	0.1	0.1	0.1	1.4	84
H2S 11 to 16	0.3	0.1	0.1	0.1	0.1	5.1	140
H2S 16 to 19	5.0	4.5	1.7	5.8	0.1	60.2	84
H2S 19 to 4	1.5	0.6	0.1	2.4	0.1	7.8	252

ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO2 4 to 8	2.6	2.8	2.0	3.3	0.6	4.7	112
SO2 8 to 11	1.3	1.3	0.9	1.8	0.1	3.0	84
SO2 11 to 16	1.5	1.5	1.2	1.8	0.4	2.7	140
SO2 16 to 19	2.1	2.1	1.7	2.6	0.4	4.3	84
SO2 19 to 4	2.8	2.8	2.1	3.3	0.8	4.7	252

H₂S data is not referenced and calibrated against regulatory monitor

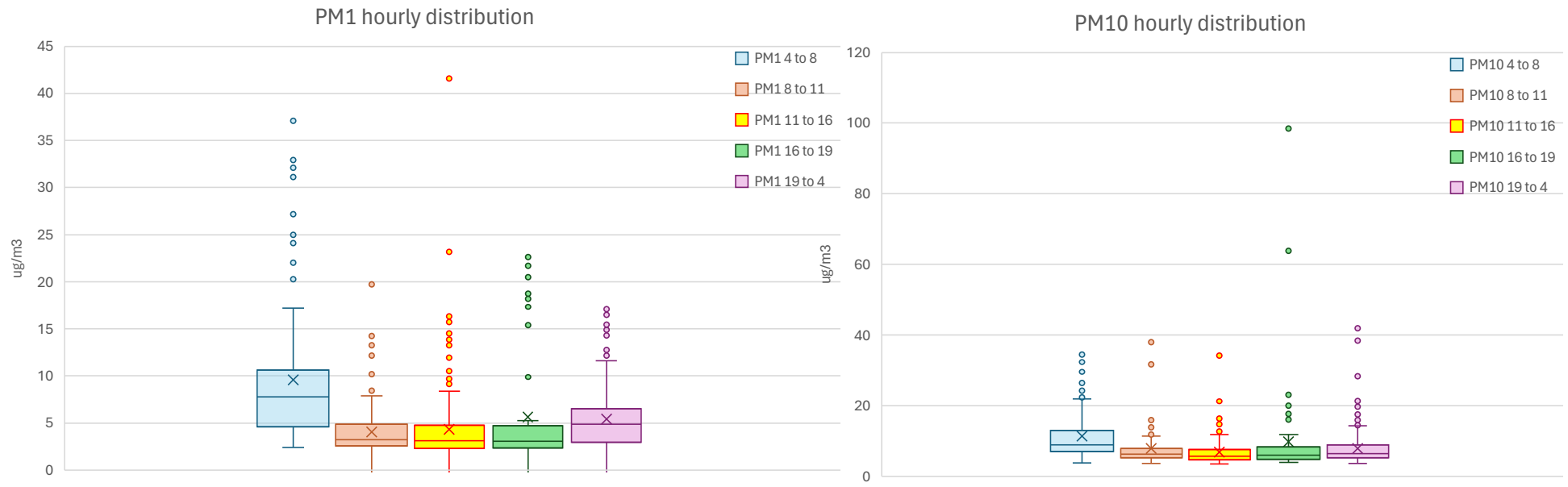
Hourly concentration distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	1.3	0.1	0.1	0.1	0.1	25.5	112
TVOC 8 to 11	0.7	0.1	0.1	0.1	0.1	51.6	84
TVOC 11 to 16	0.1	0.1	0.1	0.1	0.1	0.1	140
TVOC 16 to 19	17.8	0.1	0.1	0.1	0.1	752.3	84
TVOC 19 to 4	2.8	0.1	0.1	0.1	0.1	73.9	252

ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM2.5 4 to 8	4.5	3.0	1.3	6.0	-0.8	24.2	112
PM2.5 8 to 11	1.1	0.4	-0.3	1.6	-1.1	10.0	84
PM2.5 11 to 16	1.1	0.0	-0.4	0.8	-1.1	25.7	140
PM2.5 16 to 19	2.4	0.4	-0.3	1.1	-0.8	28.7	84
PM2.5 19 to 4	1.8	1.0	0.0	2.5	-1.0	23.1	252

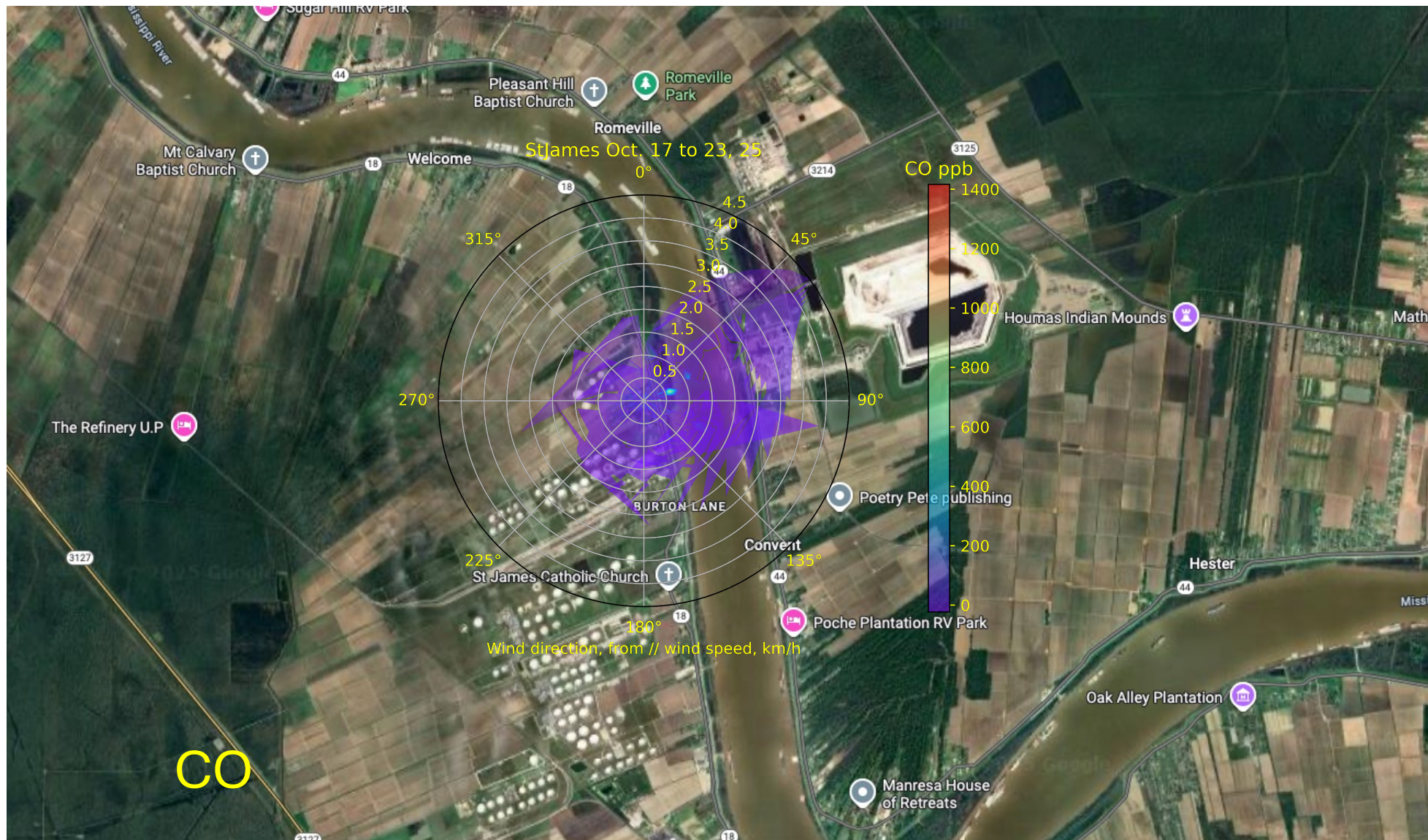
Hourly concentration distribution

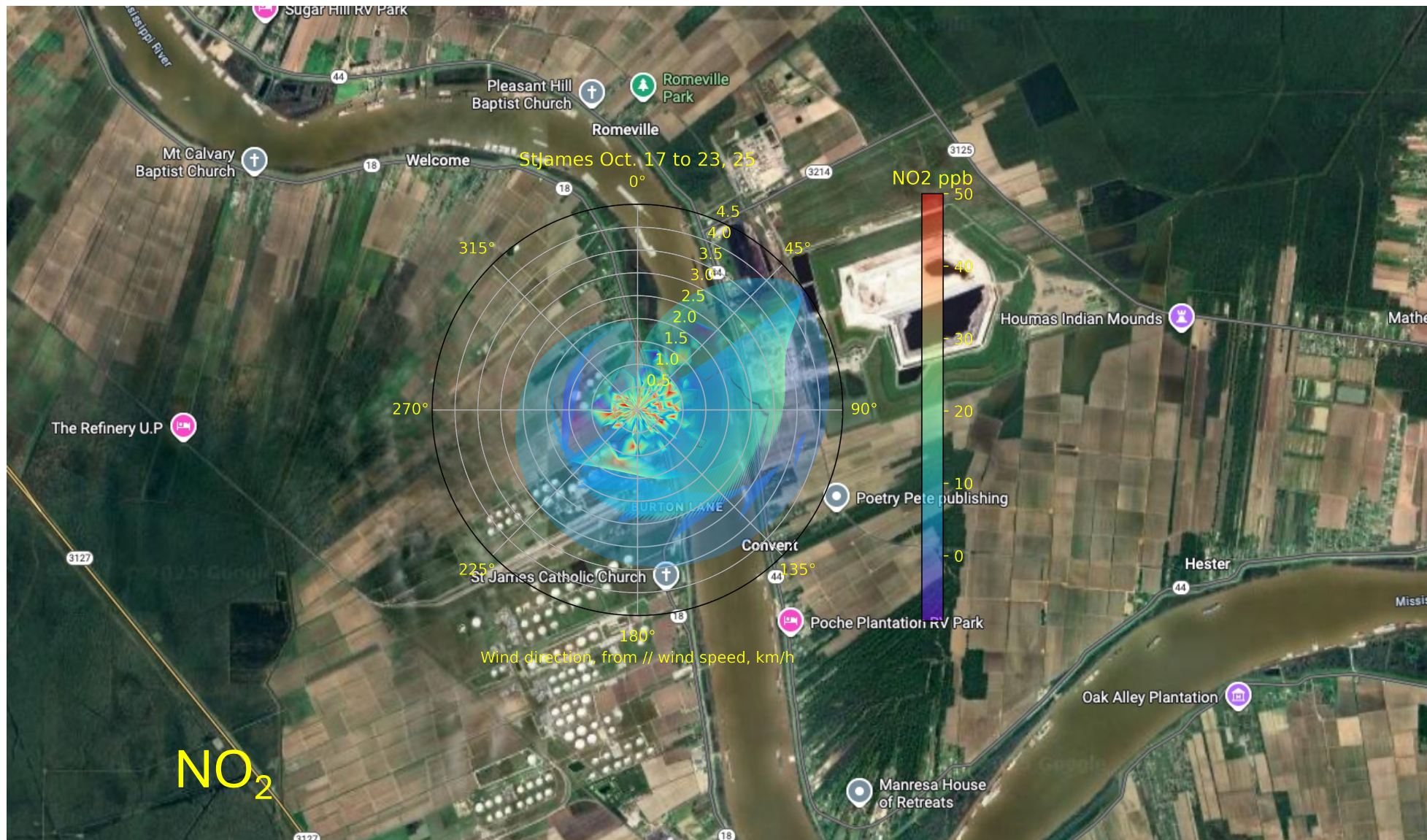


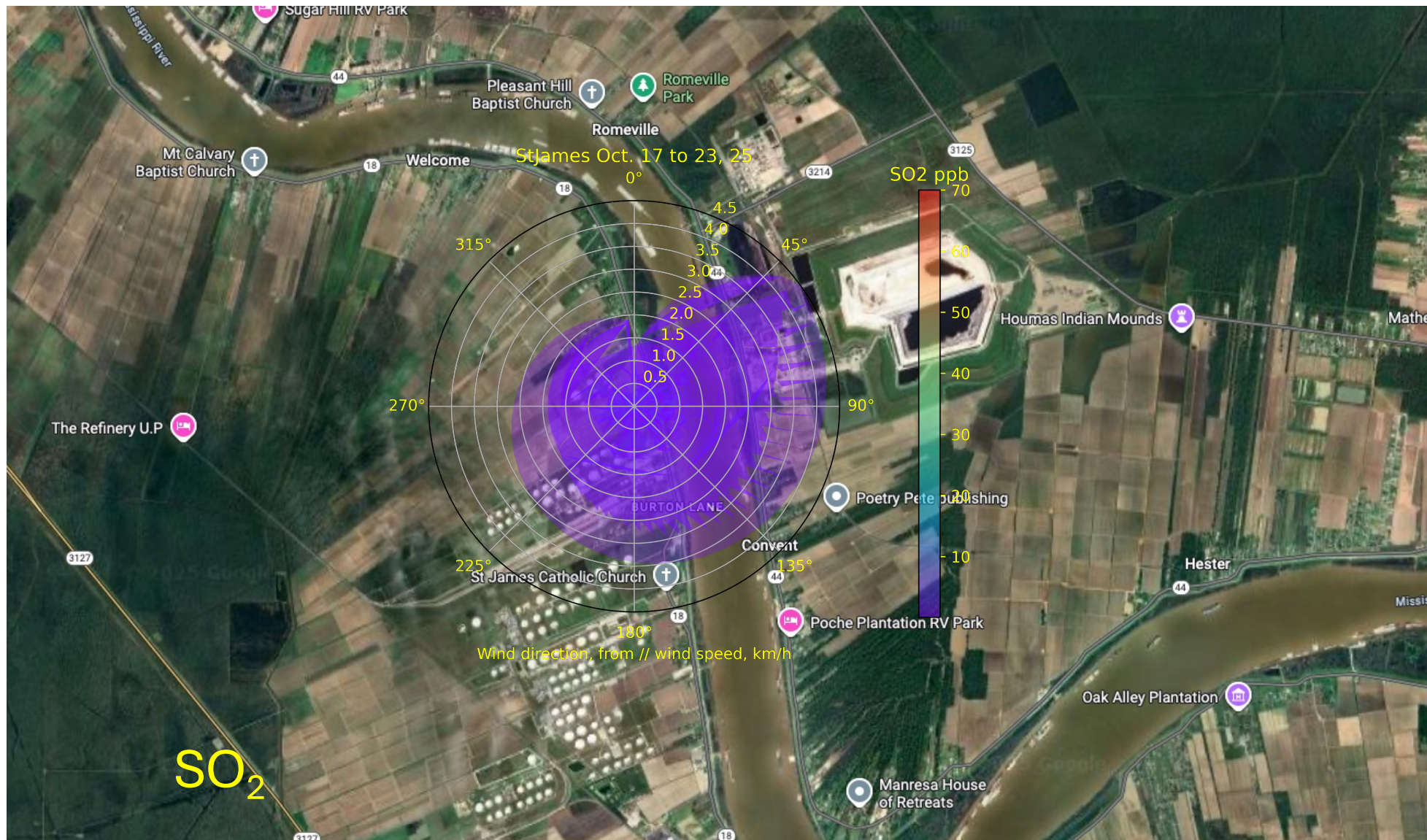
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM14 to 8	9.6	7.8	4.5	10.6	2.4	37.1	112
PM18 to 11	4.1	3.3	2.6	4.9	-1.3	19.7	84
PM111 to 16	4.3	3.1	2.3	4.7	-1.4	41.6	140
PM116 to 19	5.6	3.1	2.3	4.7	-1.3	22.6	84
PM119 to 4	5.4	4.9	2.9	6.5	-1.3	17.4	252

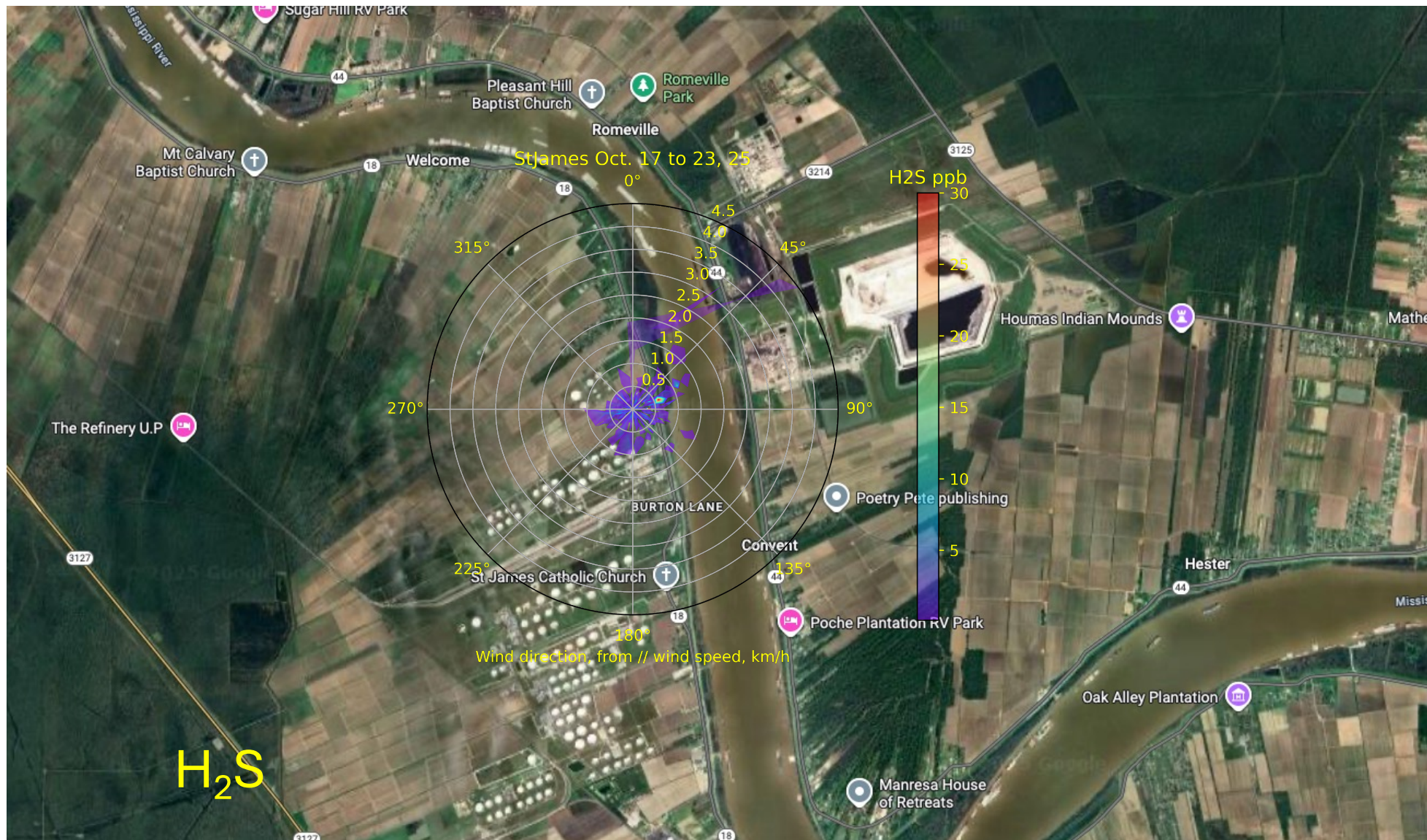
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM104 to 8	11.4	8.9	7.0	13.4	3.9	34.5	112
PM108 to 11	7.9	6.3	5.3	7.9	3.7	37.9	84
PM1011 to 16	6.9	5.6	4.7	7.7	3.5	34.2	140
PM1016 to 19	9.8	6.0	4.9	8.4	4.0	98.5	84
PM1019 to 4	7.8	6.5	5.3	9.0	3.7	42.0	252

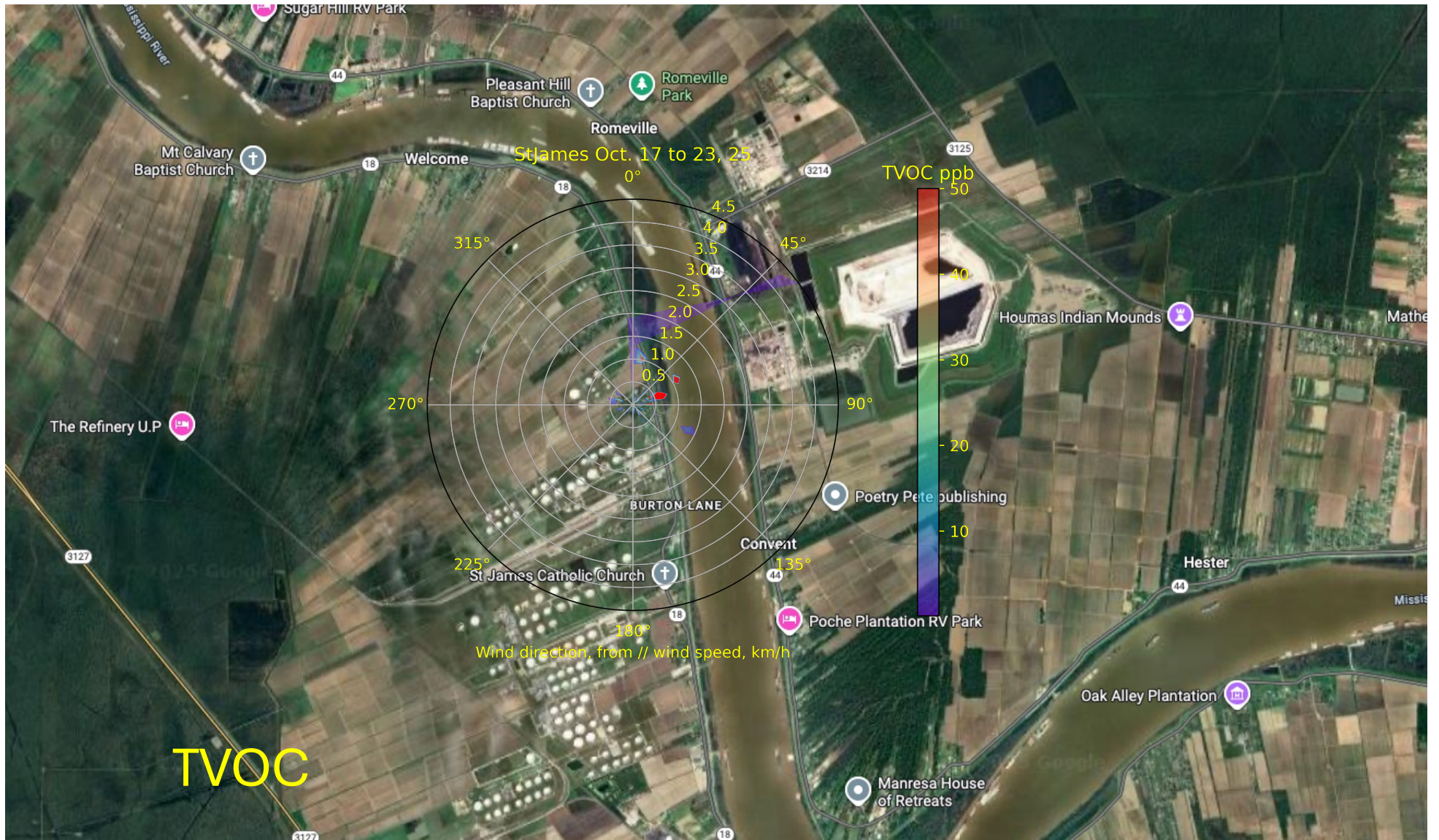
PM₁ data is not referenced and calibrated against regulatory monitor

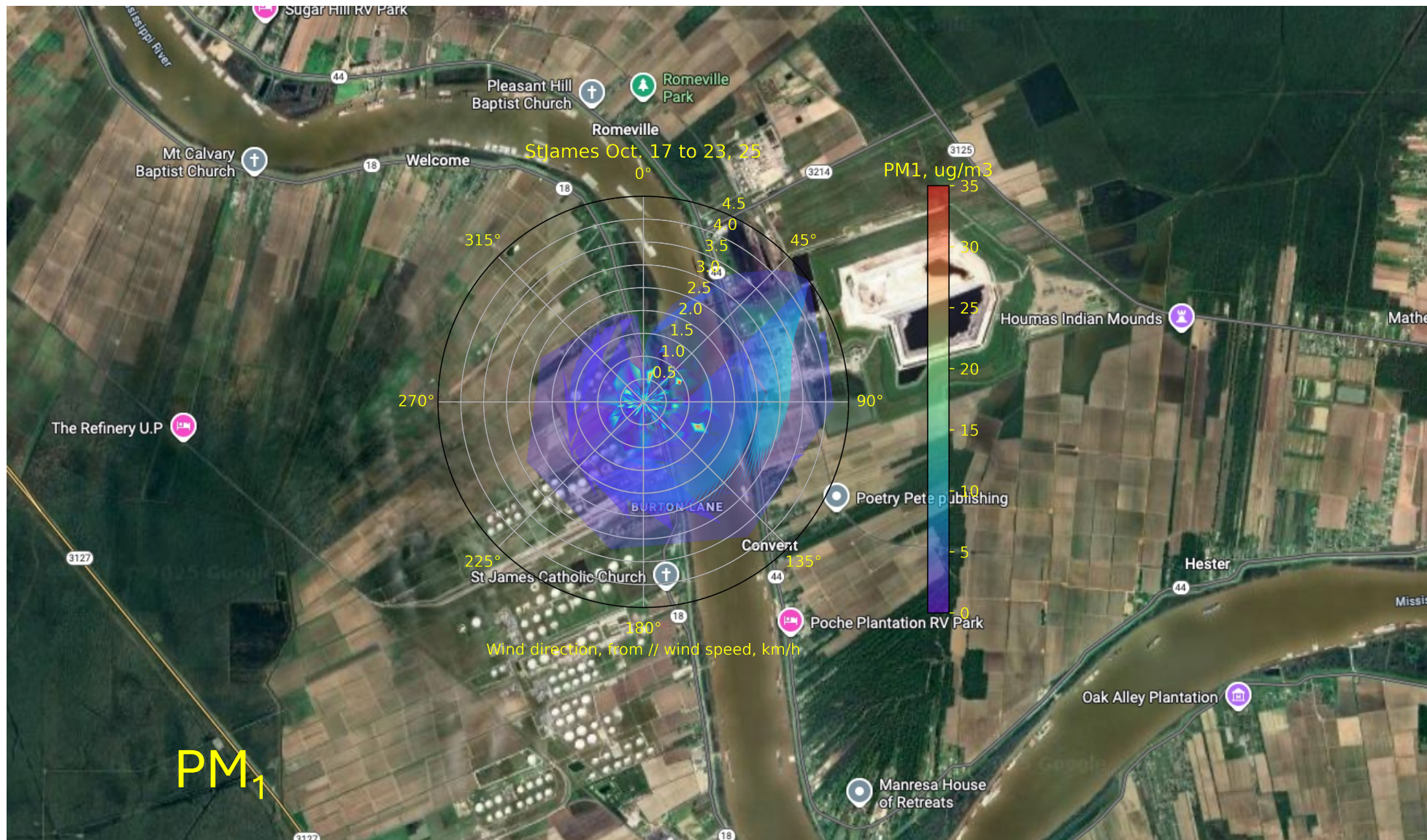


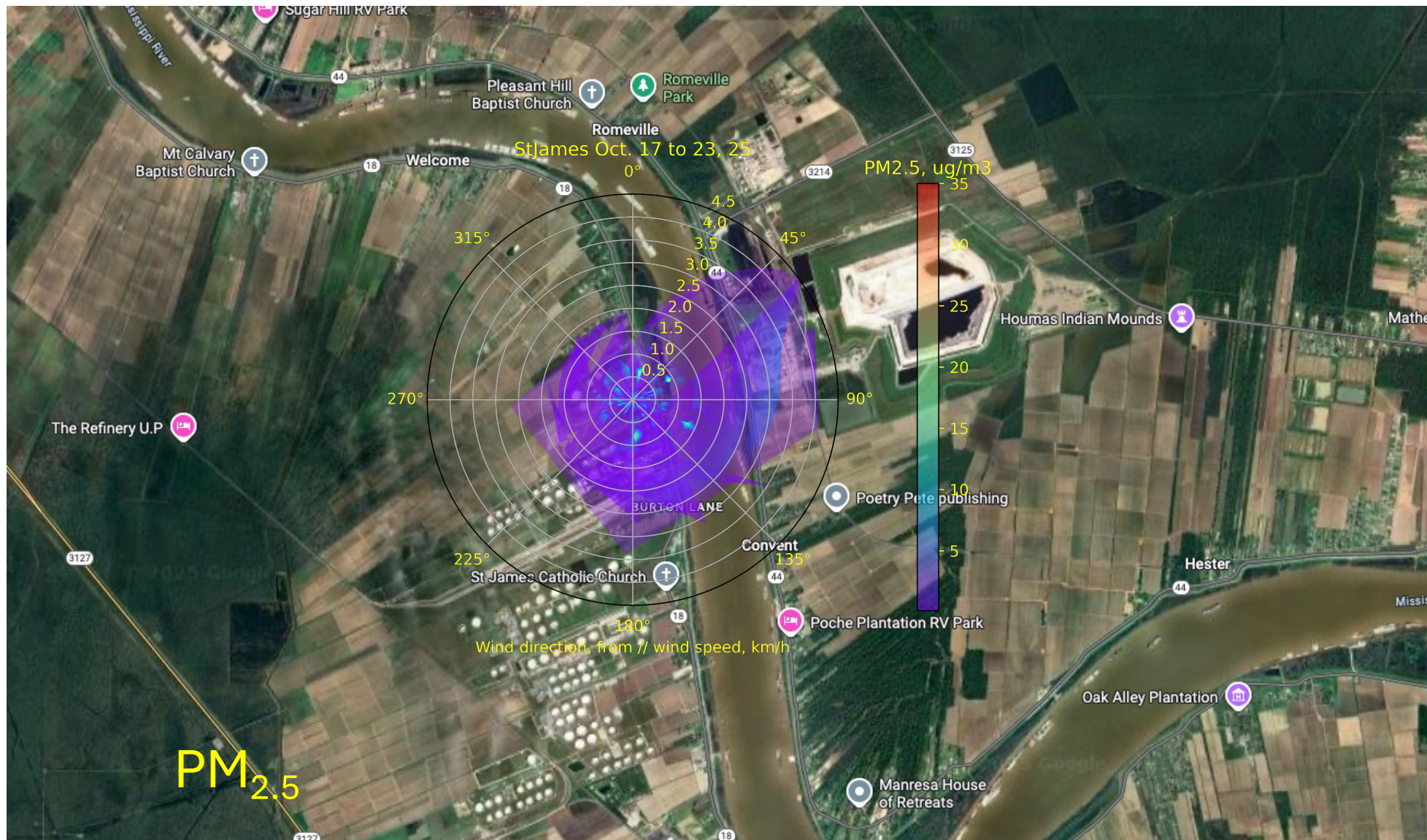


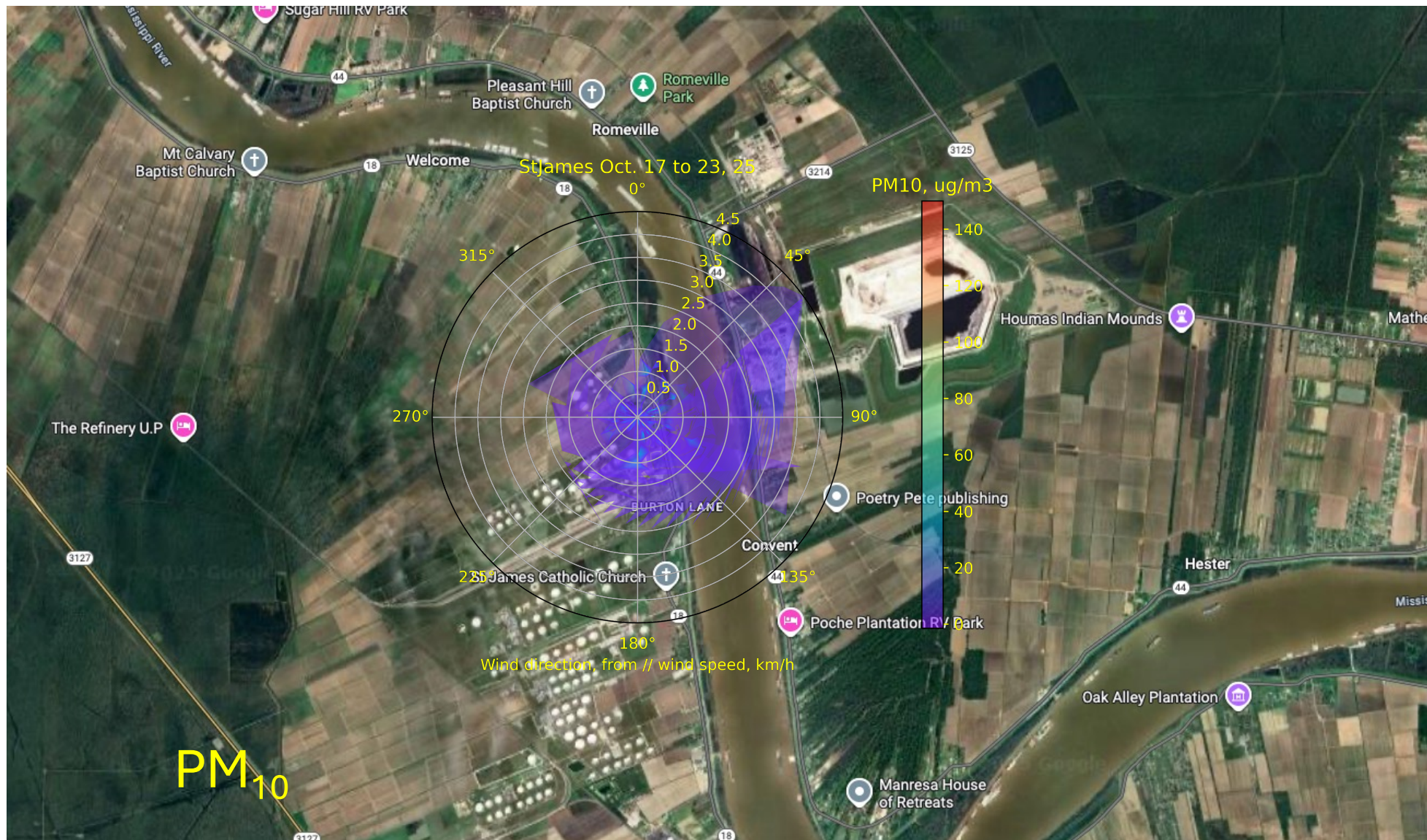












St. James POD 10/17-10/23

- Only occasional $\text{PM}_{2.5}$,
- High concurrent and sustained spikes of TVOCs and CO incoming from East direction

