

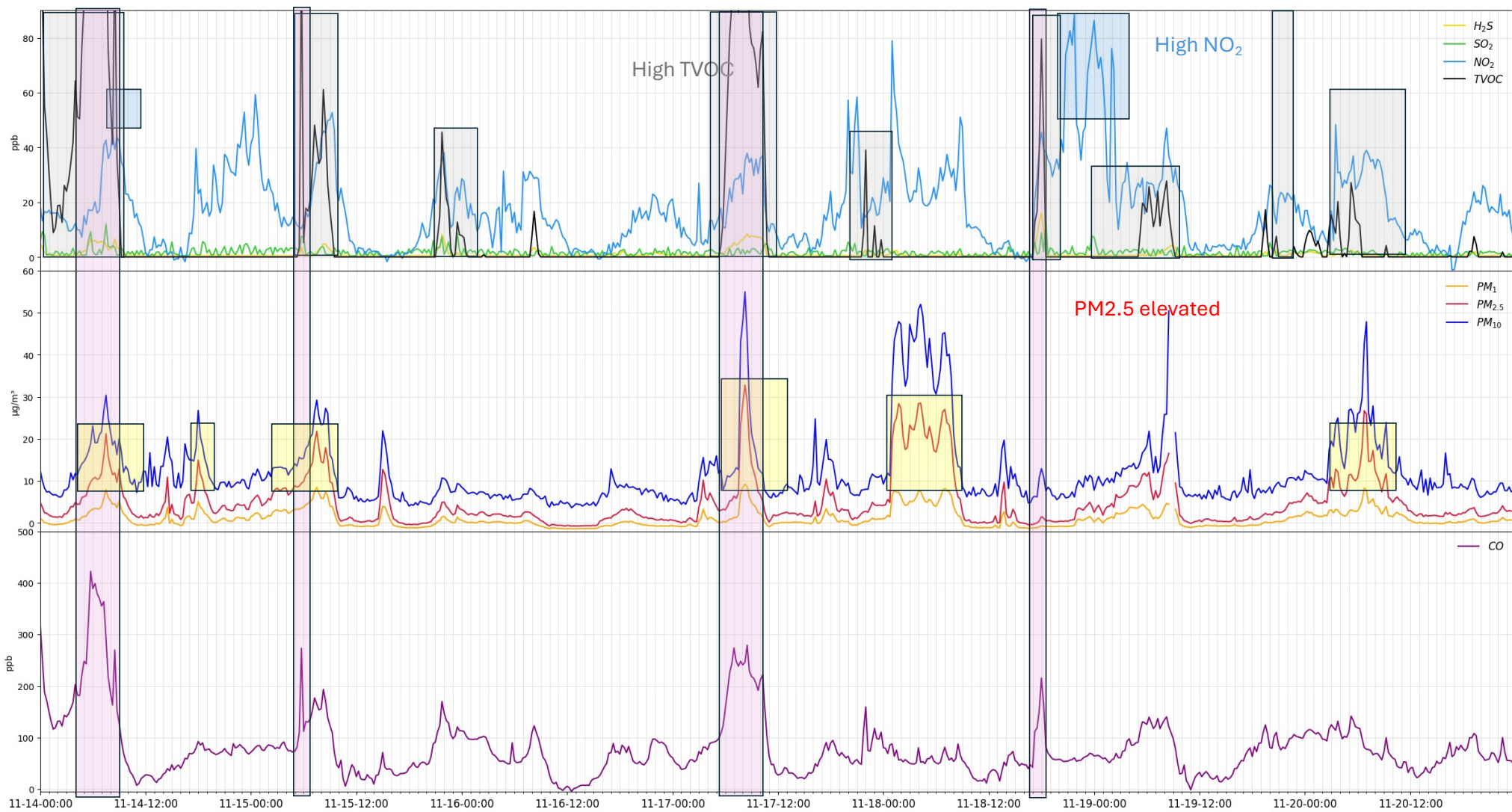
Geismar POD

November 14 – November 20, 2025

Disclaimer

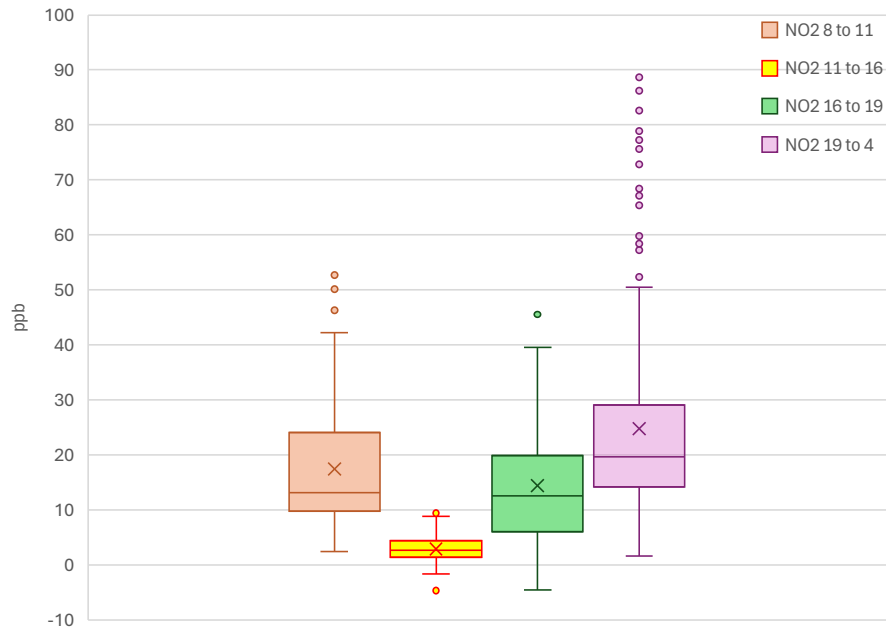
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



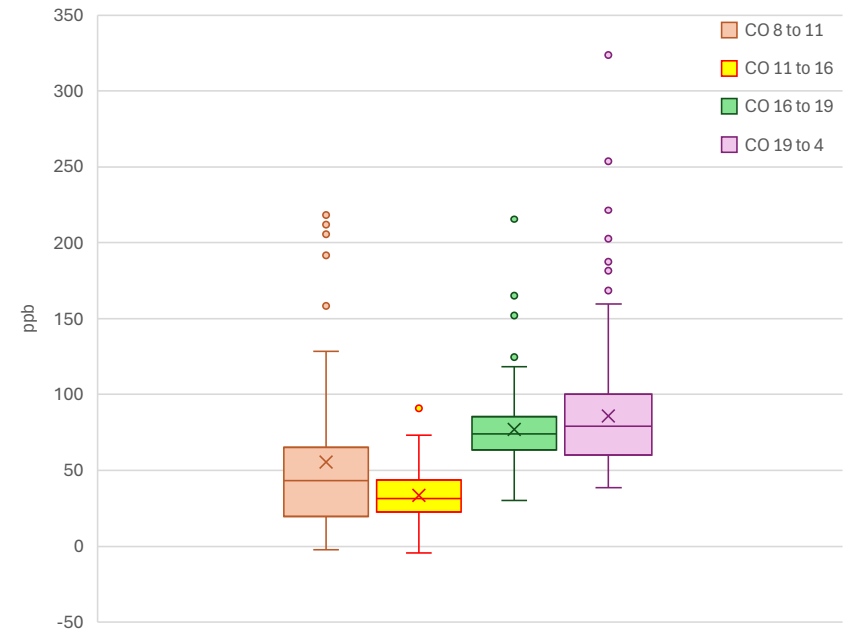
Hourly concentration distribution

NO2 hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO2 4 to 8	18.5	15.7	6.1	26.9	-4.6	88.7	672
NO2 8 to 11	17.5	13.1	9.8	24.1	2.5	52.7	84
NO2 11 to 16	3.0	2.7	1.4	4.5	-4.6	10.2	140
NO2 16 to 19	14.5	12.6	6.0	19.9	-4.5	45.6	84
NO2 19 to 4	24.8	19.7	14.2	29.5	1.7	88.7	252

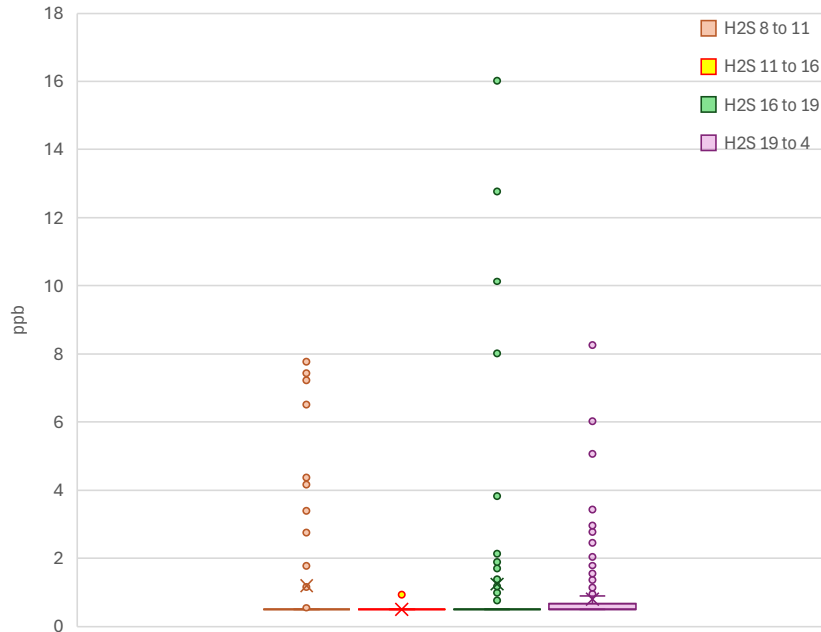
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	79.6	67.3	46.2	97.5	-4.3	422.6	672
CO 8 to 11	55.3	43.2	19.7	65.1	-2.4	221.6	84
CO 11 to 16	33.7	31.3	22.5	43.7	-4.3	90.9	140
CO 16 to 19	76.9	73.9	63.3	85.5	30.2	215.5	84
CO 19 to 4	86.0	79.2	59.6	100.1	38.6	323.6	252

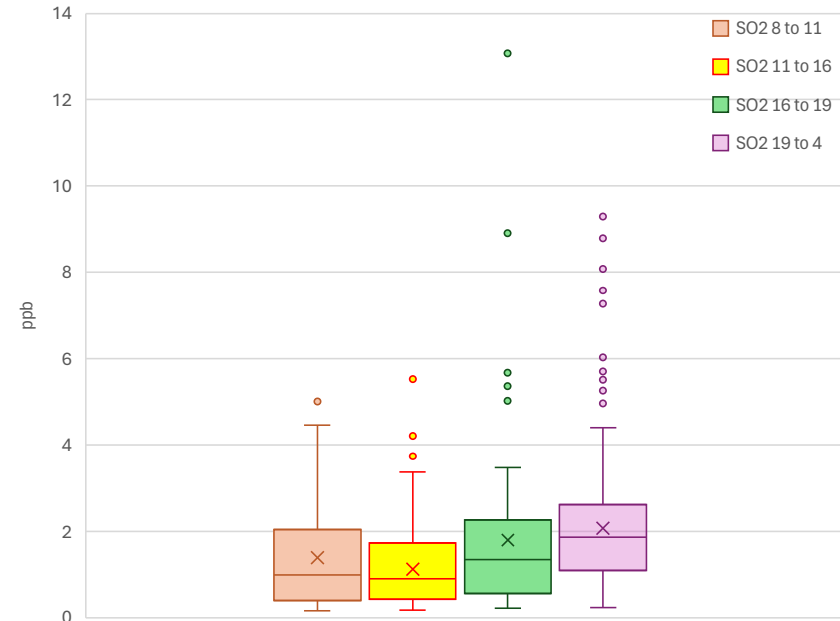
Hourly concentration distribution

H2S hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H2S 4 to 8	1.1	0.5	0.5	0.6	0.5	16.0	672
H2S 8 to 11	1.2	0.5	0.5	0.5	0.5	7.8	84
H2S 11 to 16	0.5	0.5	0.5	0.5	0.5	0.9	140
H2S 16 to 19	1.2	0.5	0.5	0.5	0.5	16.0	84
H2S 19 to 4	0.8	0.5	0.5	0.7	0.5	8.3	252

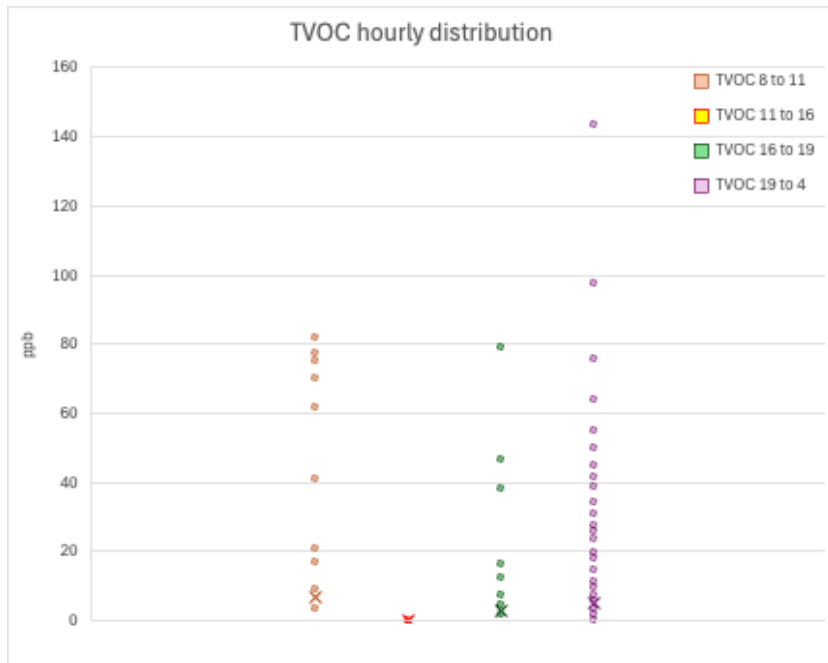
SO2 hourly distribution



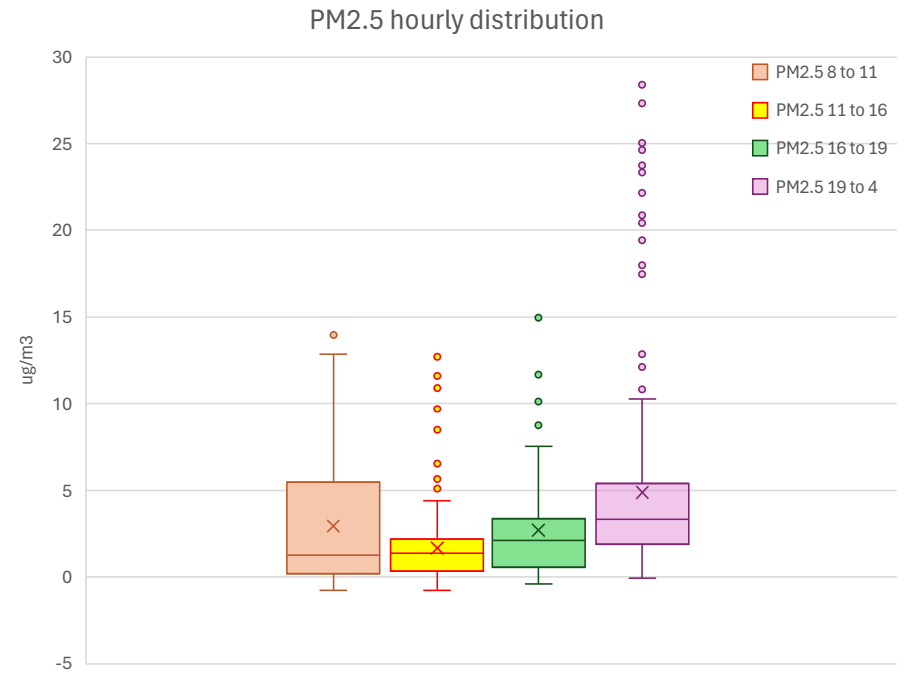
ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO2 4 to 8	1.7	1.4	0.7	2.3	0.2	13.1	672
SO2 8 to 11	1.4	1.0	0.4	2.0	0.2	5.0	84
SO2 11 to 16	1.1	0.9	0.4	1.7	0.2	5.5	140
SO2 16 to 19	1.8	1.3	0.6	2.3	0.2	13.1	84
SO2 19 to 4	2.1	1.9	1.1	2.6	0.2	9.3	252

H₂S data is not referenced and calibrated against regulatory monitor

Hourly concentration distribution



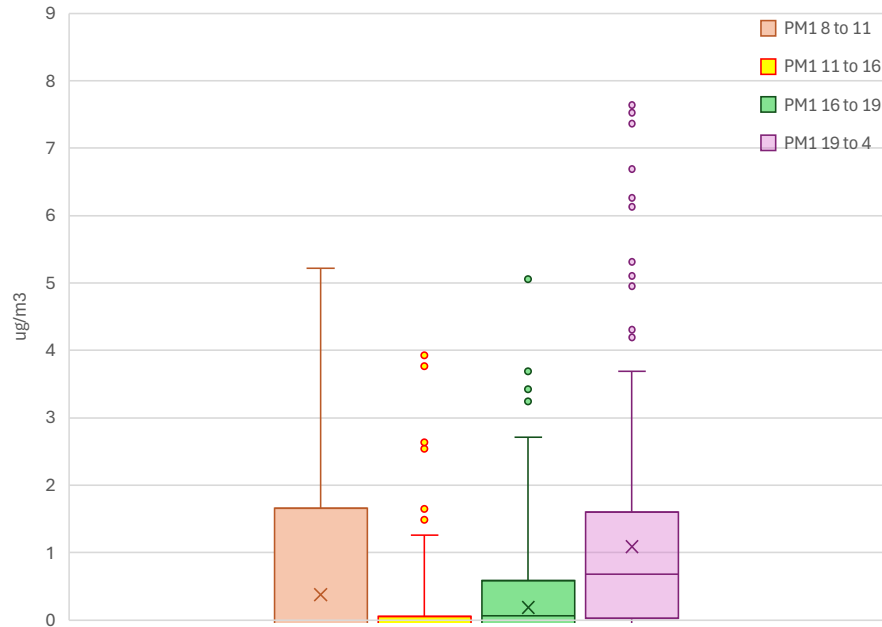
ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	9.0	0.1	0.1	0.1	0.1	206.6	672
TVOC 8 to 11	6.5	0.1	0.1	0.1	0.1	82.3	84
TVOC 11 to 16	0.1	0.1	0.1	0.1	0.1	0.4	140
TVOC 16 to 19	2.9	0.1	0.1	0.1	0.1	79.6	84
TVOC 19 to 4	5.0	0.1	0.1	0.1	0.1	143.5	252



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM2.5 4 to 8	4.8	2.6	1.1	6.2	-0.8	32.8	670
PM2.5 8 to 11	2.9	1.3	0.2	5.5	-0.8	14.0	83
PM2.5 11 to 16	1.7	1.4	0.3	2.2	-0.8	12.7	140
PM2.5 16 to 19	2.7	2.1	0.5	3.4	-0.4	15.0	84
PM2.5 19 to 4	4.9	3.4	1.9	5.4	-0.1	28.5	252

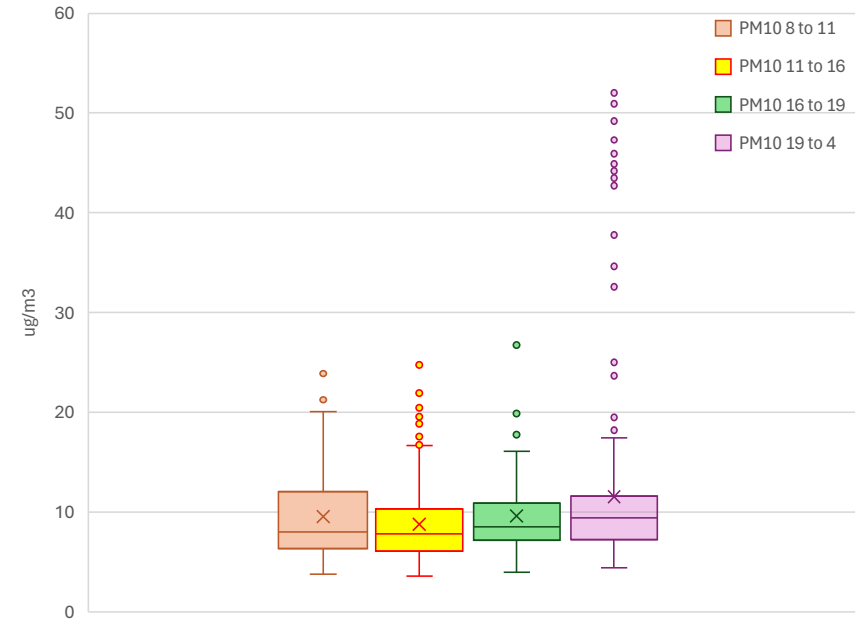
Hourly concentration distribution

PM1 hourly distribution



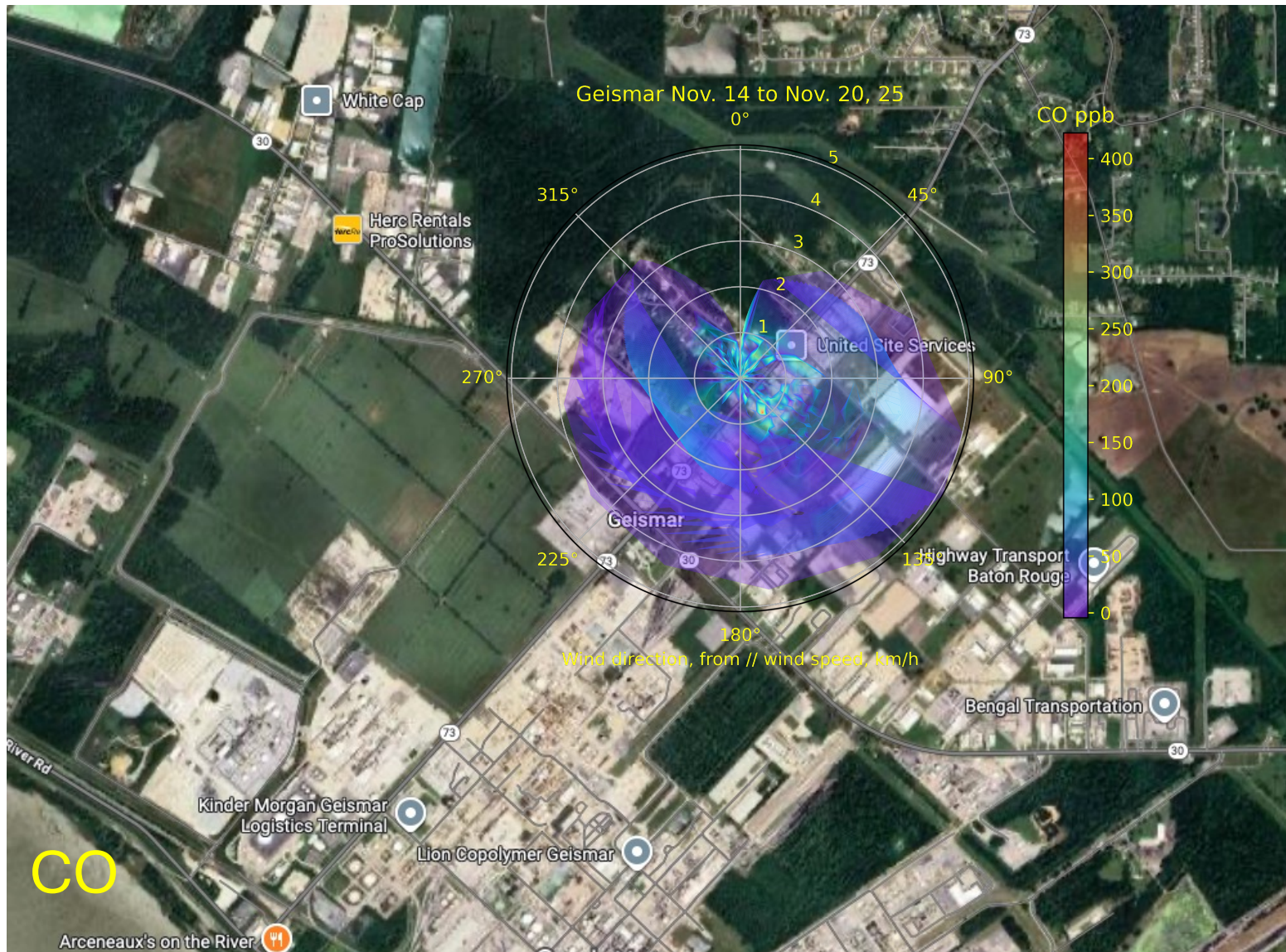
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM1 4 to 8	1.0	0.3	-0.6	1.8	-1.4	9.2	670
PM1 8 to 11	0.4	-0.5	-1.0	1.7	-1.4	5.2	83
PM1 11 to 16	-0.3	-0.5	-0.8	0.1	-1.4	3.9	140
PM1 16 to 19	0.2	0.1	-0.8	0.6	-1.2	5.1	84
PM1 19 to 4	1.1	0.7	0.0	1.6	-0.9	7.6	252

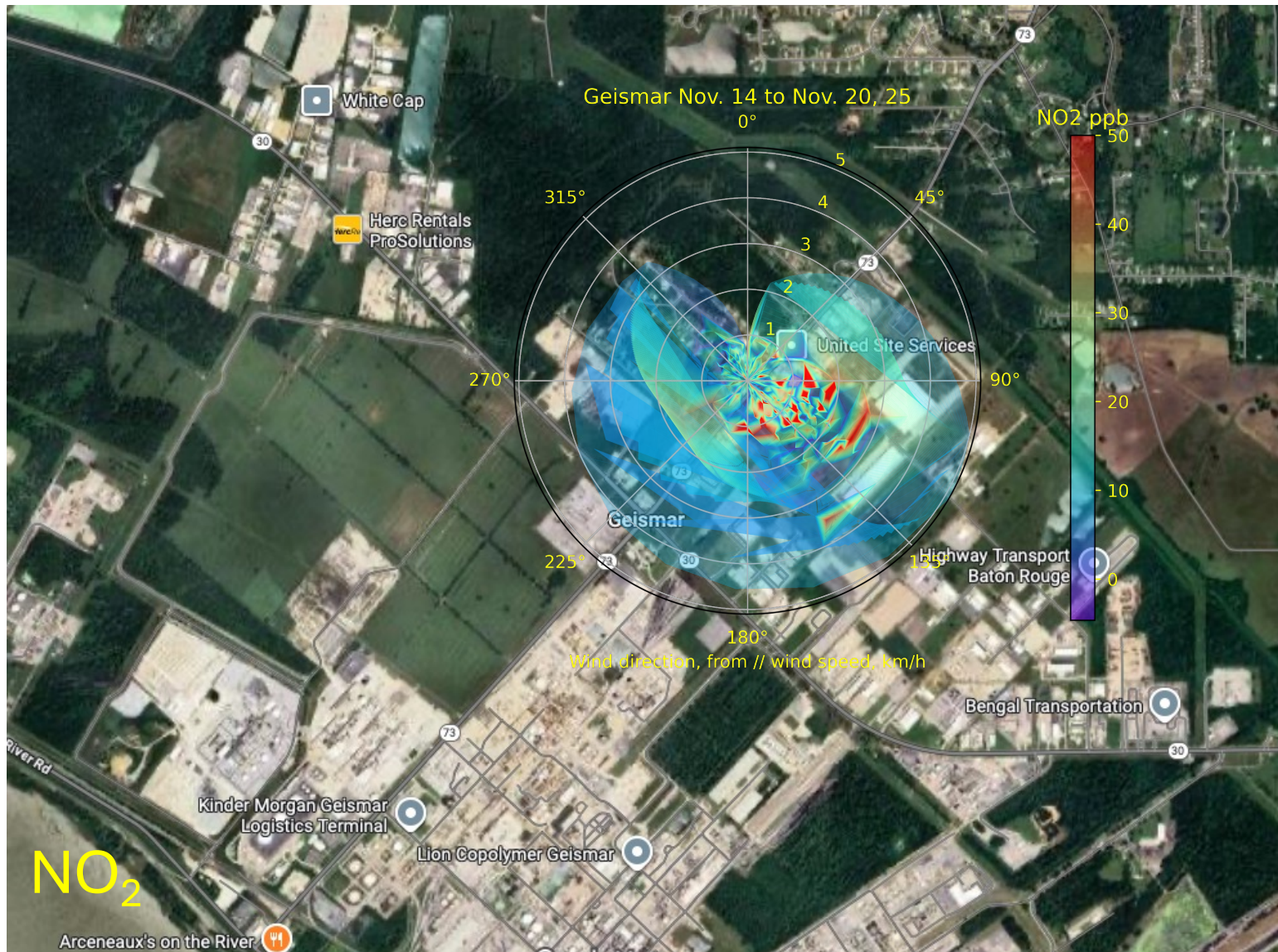
PM10 hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM10 4 to 8	12.1	9.2	6.9	13.1	3.6	55.0	670
PM10 8 to 11	9.6	8.0	6.3	12.1	3.8	23.9	83
PM10 11 to 16	8.8	7.9	6.1	10.3	3.6	24.8	140
PM10 16 to 19	9.6	8.5	7.2	10.9	4.0	26.8	84
PM10 19 to 4	11.6	9.4	7.2	11.6	4.4	52.0	252

PM₁ data is not referenced and calibrated against regulatory monitor

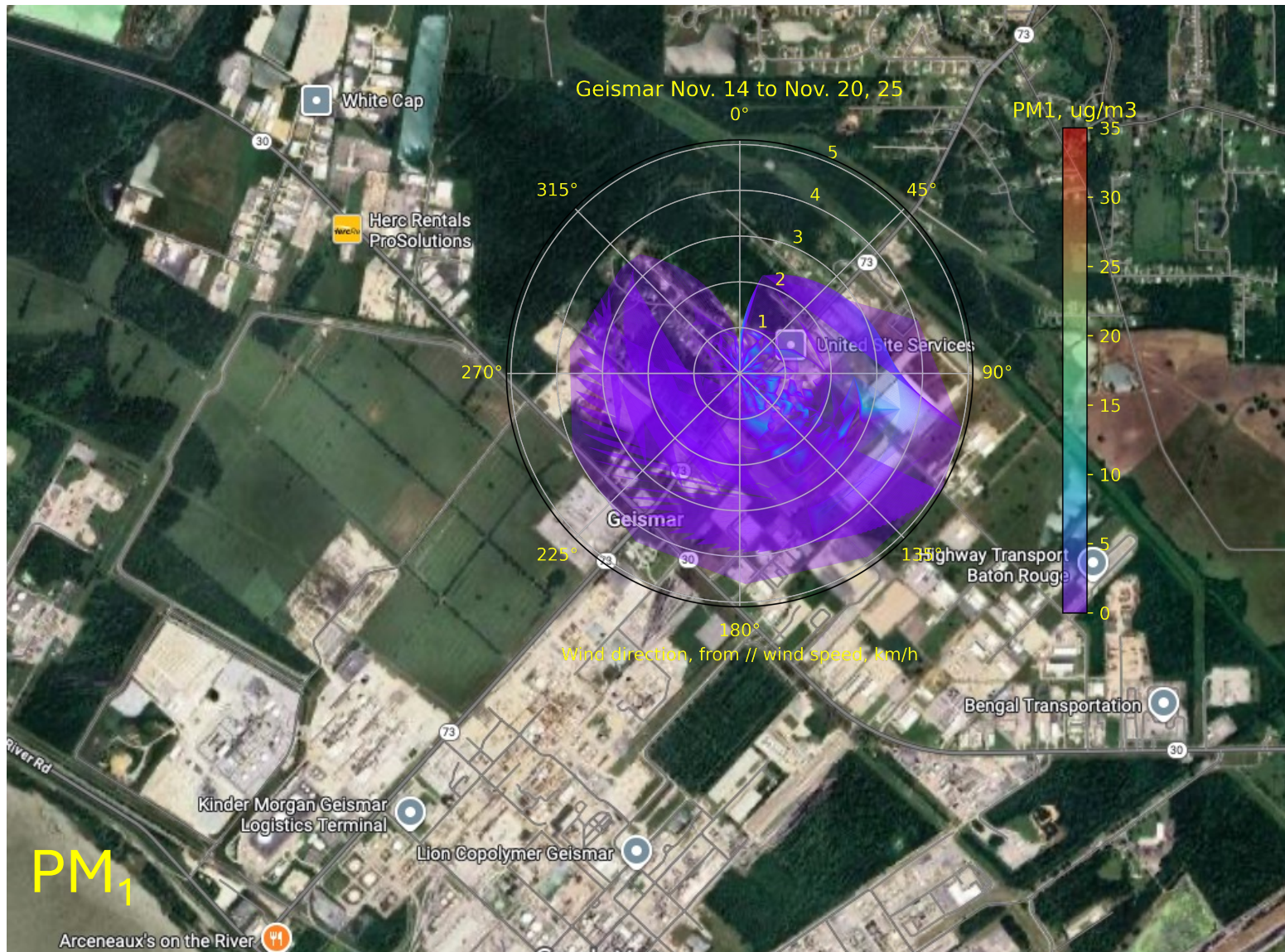


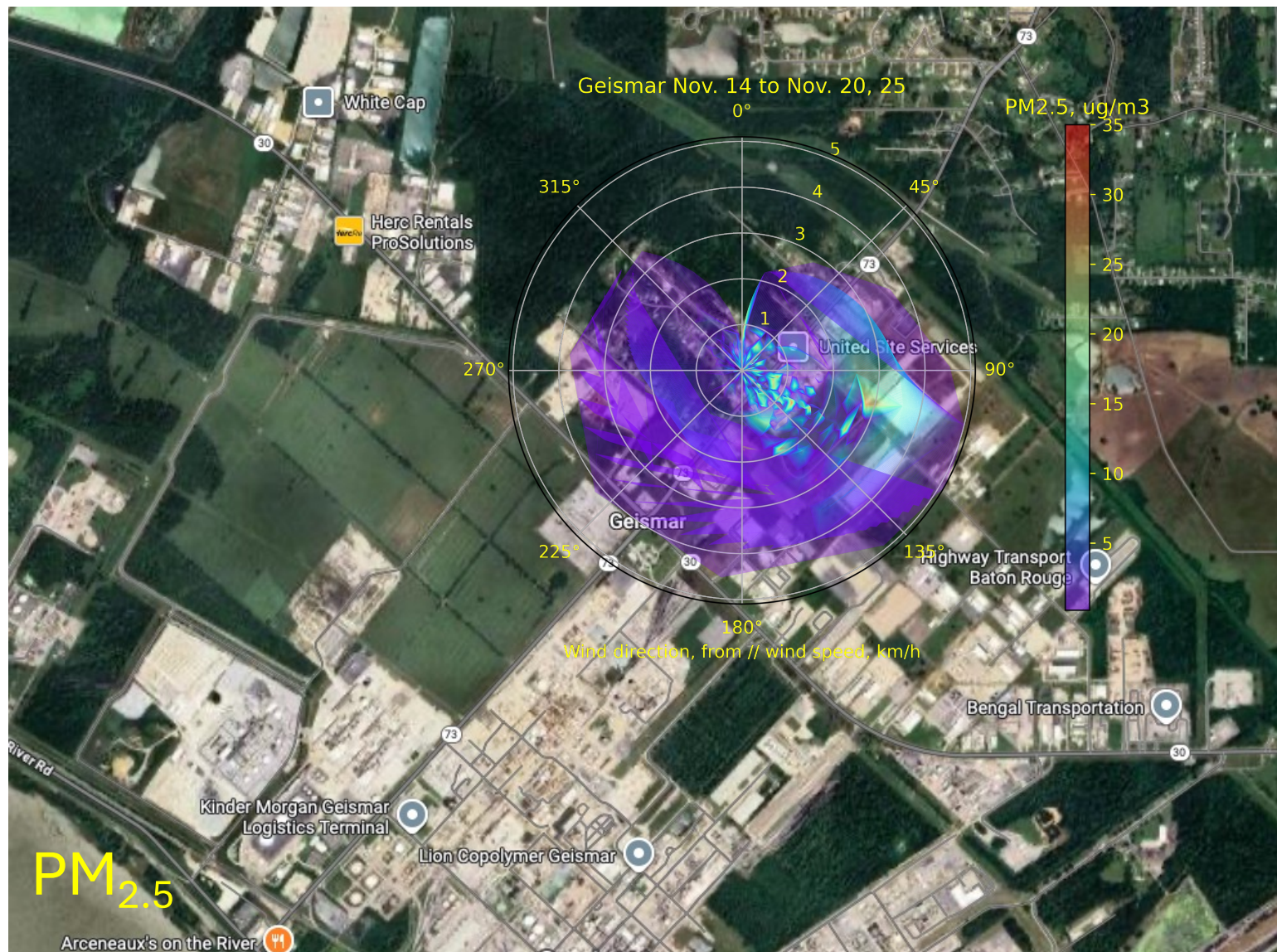














GEISMAR POD

11/14-11/20

- TVOC driven from 2 independent directions North-East and from South-East.
- South-East TVOC associated also with PM2.5.
- At times TVOC concentration very high.
- NO2 associated with South and South-East wind direction

