

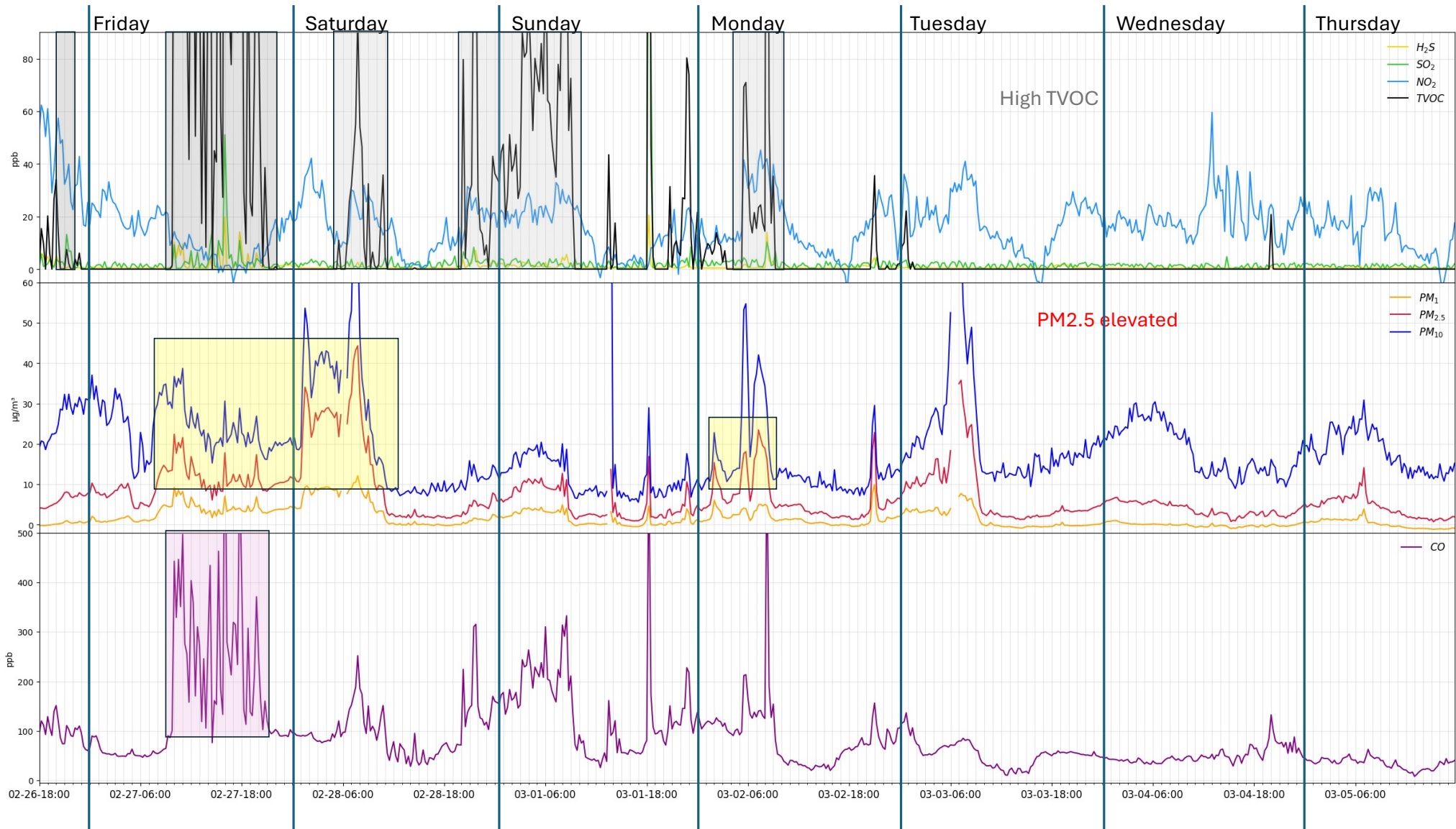
Geismar POD

February 27 – March 3, 2026

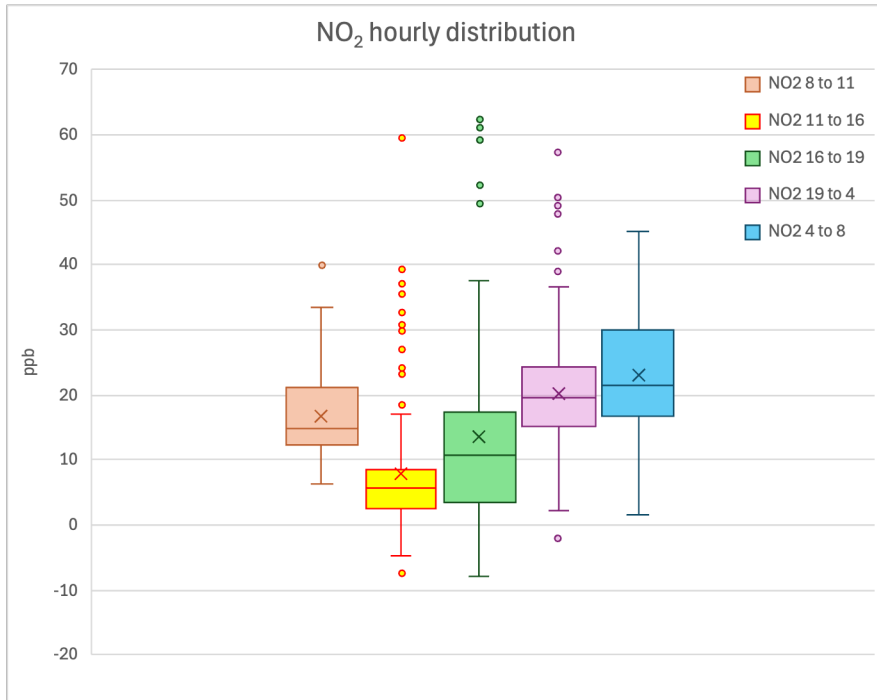
Disclaimer

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.

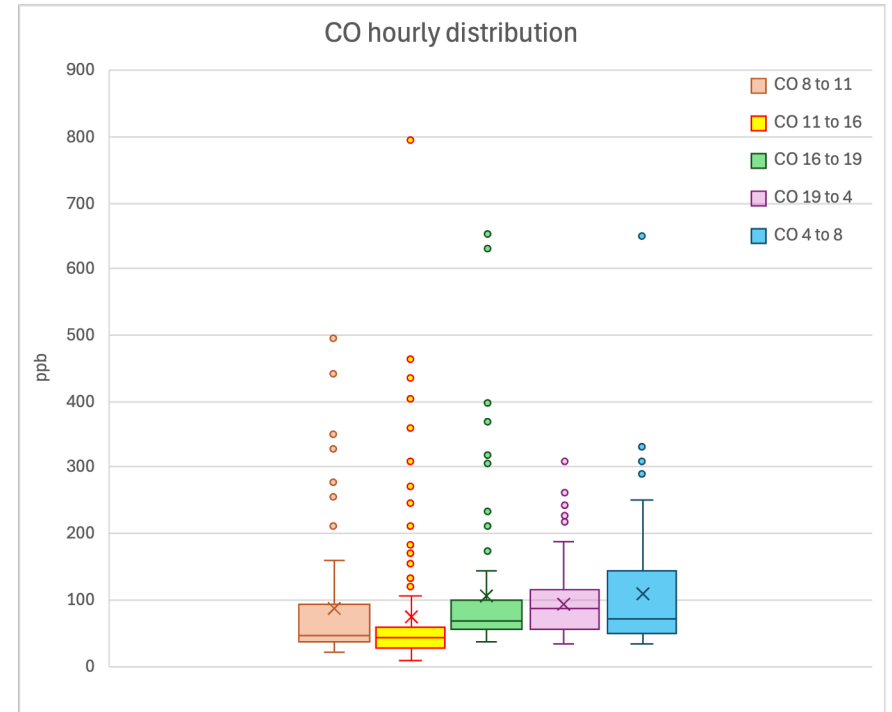
At the same time, most of the sensors are subject to QA/QC procedures and are calibrated and evaluated against official regulatory monitors.



Hourly concentration distribution

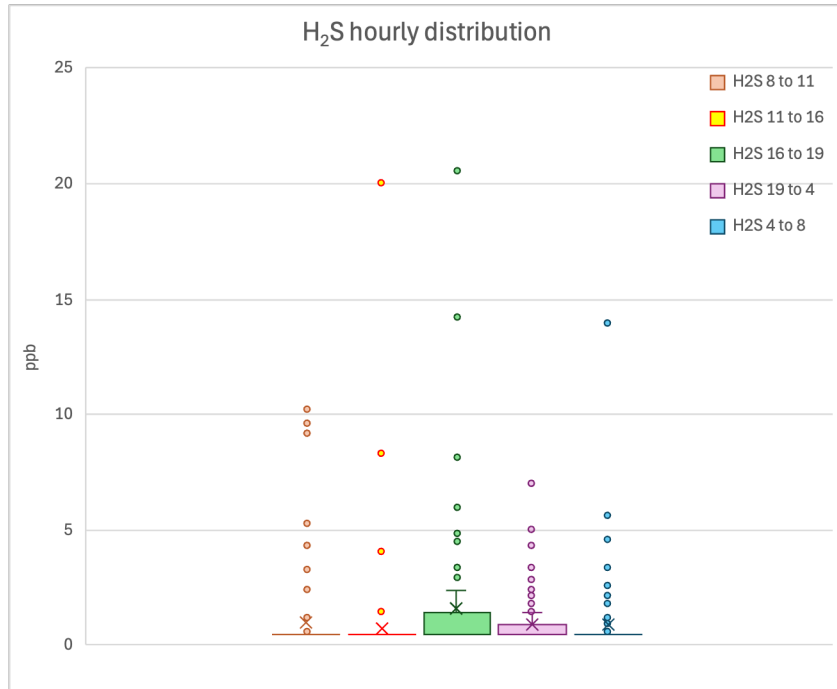


ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	23.2	21.7	16.6	29.9	1.6	45.3	112
NO ₂ 8 to 11	16.9	15.0	12.4	21.1	6.5	40.0	84
NO ₂ 11 to 16	8.0	5.6	2.5	8.7	-7.5	59.6	140
NO ₂ 16 to 19	13.6	10.9	3.5	17.4	-7.9	62.3	84
NO ₂ 19 to 4	20.2	19.6	15.0	24.3	-1.9	57.4	252

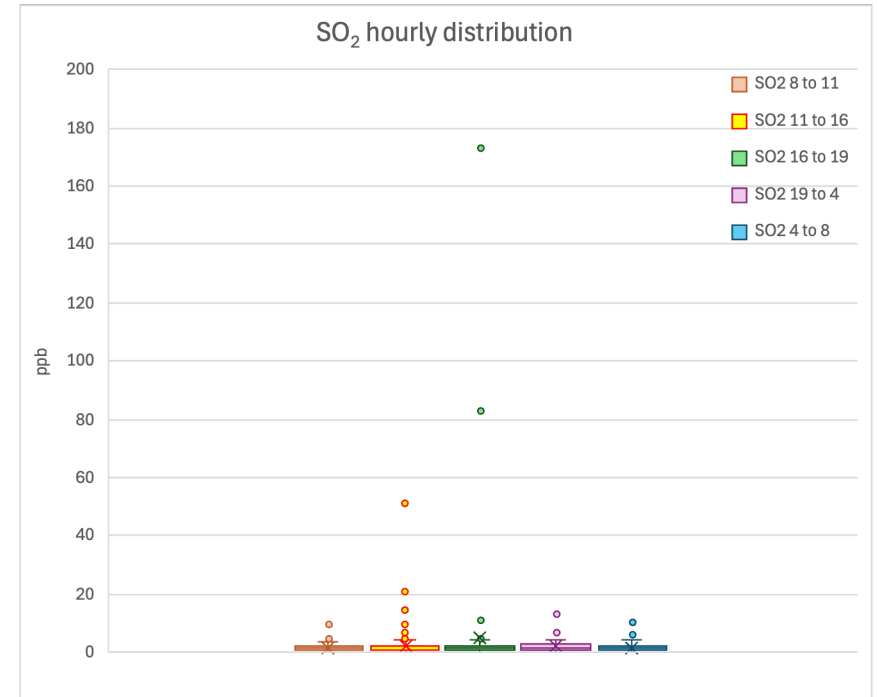


ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	107.6	72.4	48.1	142.9	33.0	651.6	112
CO 8 to 11	86.0	46.6	37.5	91.8	21.6	496.7	84
CO 11 to 16	73.0	42.0	25.6	59.8	8.3	796.2	140
CO 16 to 19	106.8	67.8	56.0	100.6	35.1	651.9	84
CO 19 to 4	93.1	87.0	53.9	115.4	33.7	315.3	252

Hourly concentration distribution



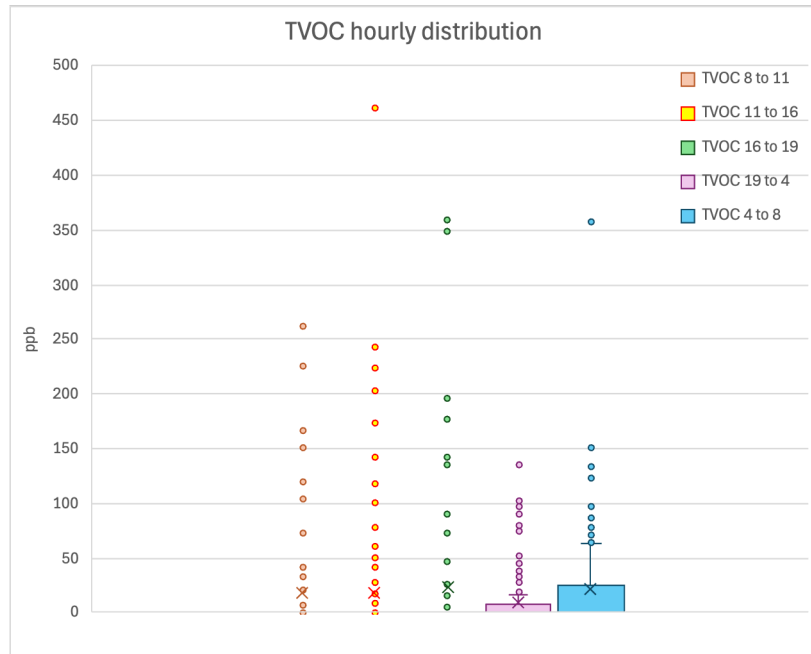
ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	0.9	0.5	0.5	0.5	0.5	14.0	112
H ₂ S 8 to 11	1.0	0.5	0.5	0.5	0.5	10.2	84
H ₂ S 11 to 16	0.8	0.5	0.5	0.5	0.5	20.0	140
H ₂ S 16 to 19	1.6	0.5	0.5	1.5	0.5	20.6	84
H ₂ S 19 to 4	0.9	0.5	0.5	0.9	0.5	7.2	252



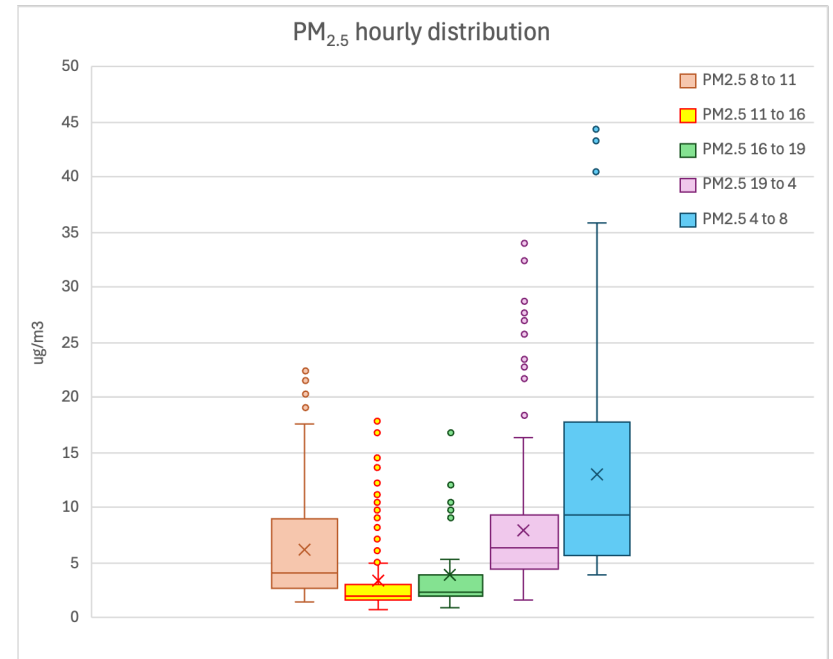
ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	1.8	1.5	0.8	2.4	0.2	10.4	112
SO ₂ 8 to 11	1.5	1.2	0.5	2.0	0.1	9.3	84
SO ₂ 11 to 16	2.1	1.0	0.5	2.0	0.1	51.1	140
SO ₂ 16 to 19	4.8	1.5	0.7	2.4	0.2	172.9	84
SO ₂ 19 to 4	2.0	1.9	1.0	2.7	0.2	13.2	252

H₂S data is not referenced and calibrated against regulatory monitor

Hourly concentration distribution

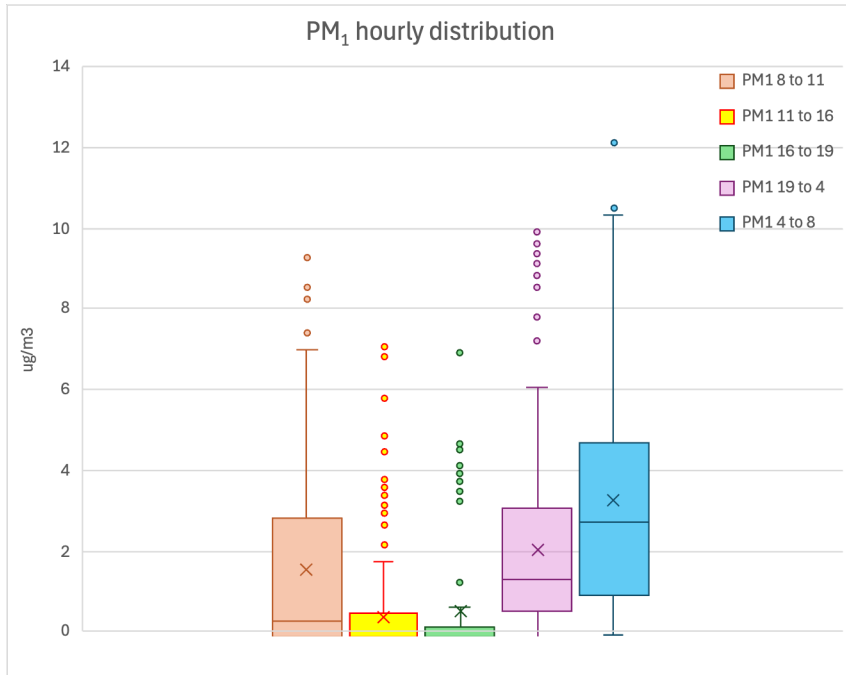


ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	21.8	0.1	0.1	25.4	0.1	356.8	112
TVOC 8 to 11	18.3	0.1	0.1	0.1	0.1	261.8	84
TVOC 11 to 16	17.2	0.1	0.1	0.1	0.1	460.8	140
TVOC 16 to 19	22.5	0.1	0.1	0.1	0.1	358.8	84
TVOC 19 to 4	9.7	0.1	0.1	7.3	0.1	138.4	252

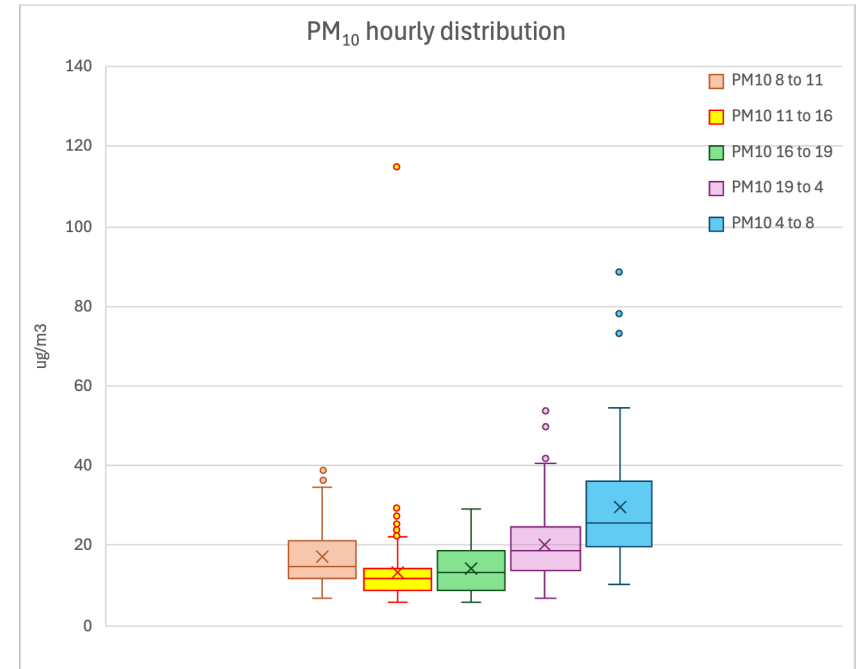


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	13.0	9.4	5.8	17.8	3.9	44.3	107
PM _{2.5} 8 to 11	6.3	4.1	2.7	9.0	1.5	22.4	84
PM _{2.5} 11 to 16	3.4	2.1	1.7	3.0	0.7	17.8	139
PM _{2.5} 16 to 19	4.0	2.4	2.0	4.0	1.0	17.4	84
PM _{2.5} 19 to 4	8.0	6.4	4.5	9.5	1.6	34.1	252

Hourly concentration distribution

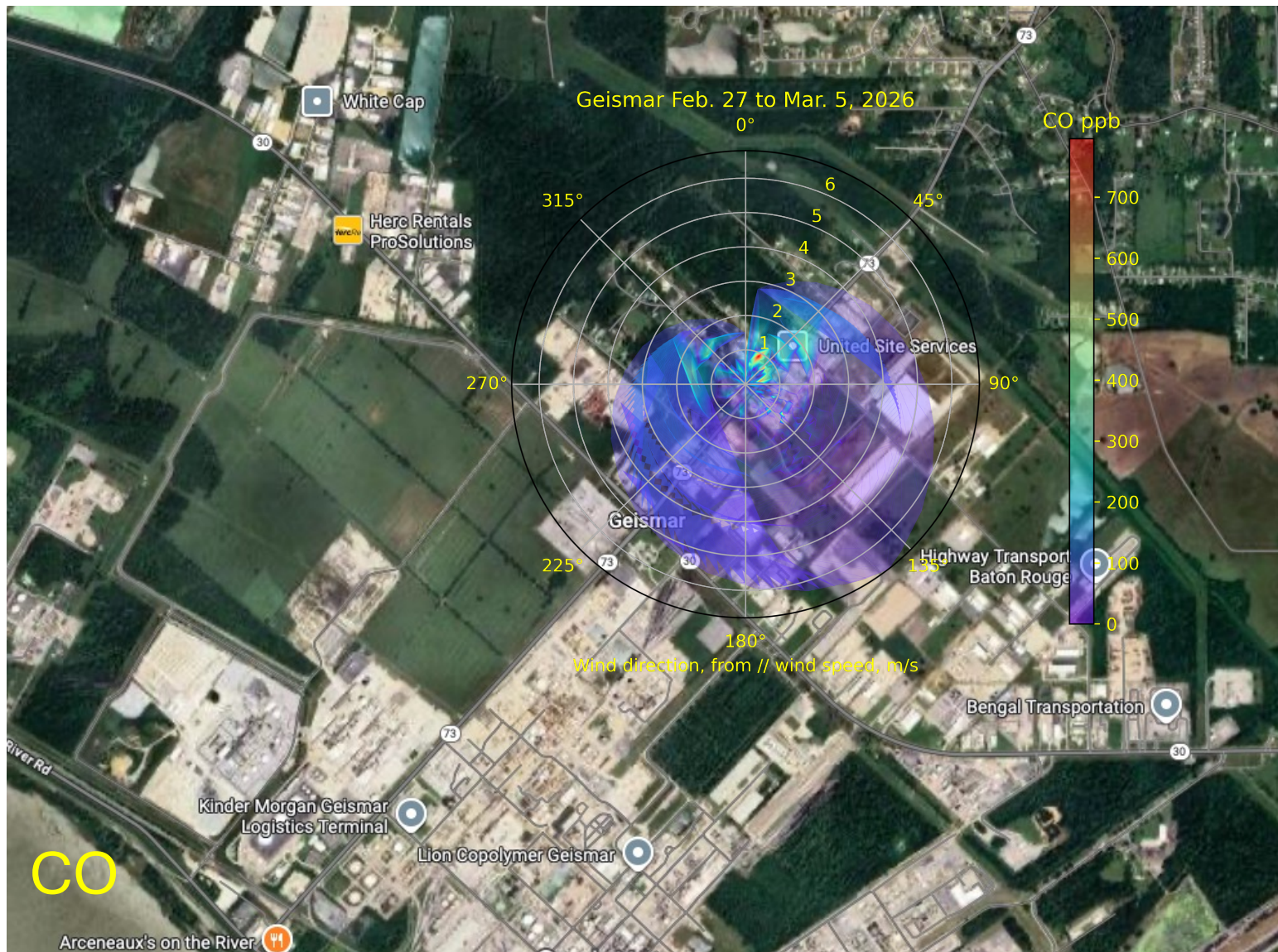


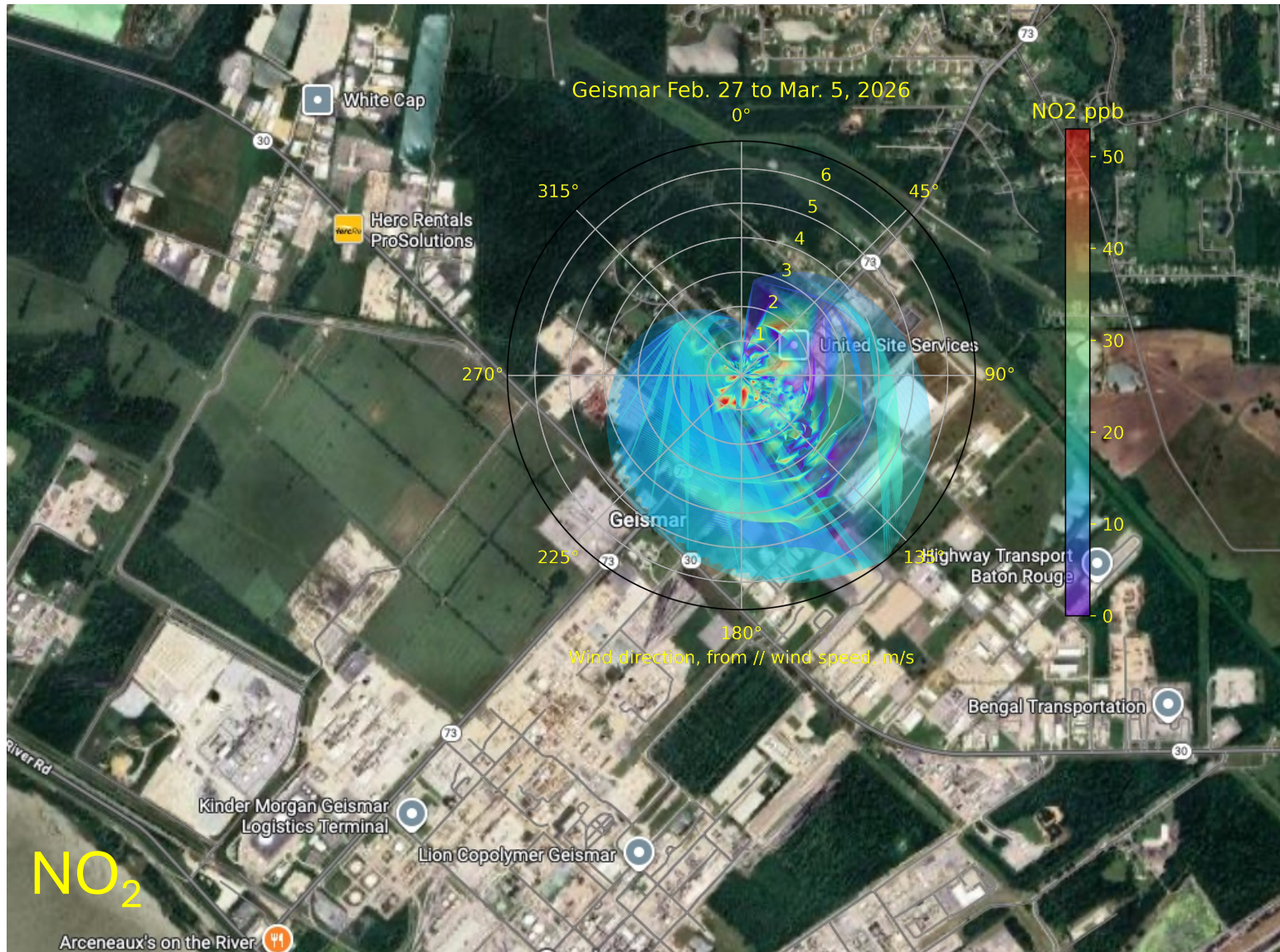
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	3.2	2.7	0.9	4.7	-0.1	12.1	107
PM ₁ 8 to 11	1.5	0.3	-0.2	2.8	-0.6	9.3	84
PM ₁ 11 to 16	0.4	-0.1	-0.6	0.5	-1.2	7.1	139
PM ₁ 16 to 19	0.5	-0.1	-0.3	0.1	-1.1	6.9	84
PM ₁ 19 to 4	2.0	1.3	0.5	3.1	-0.4	9.9	252

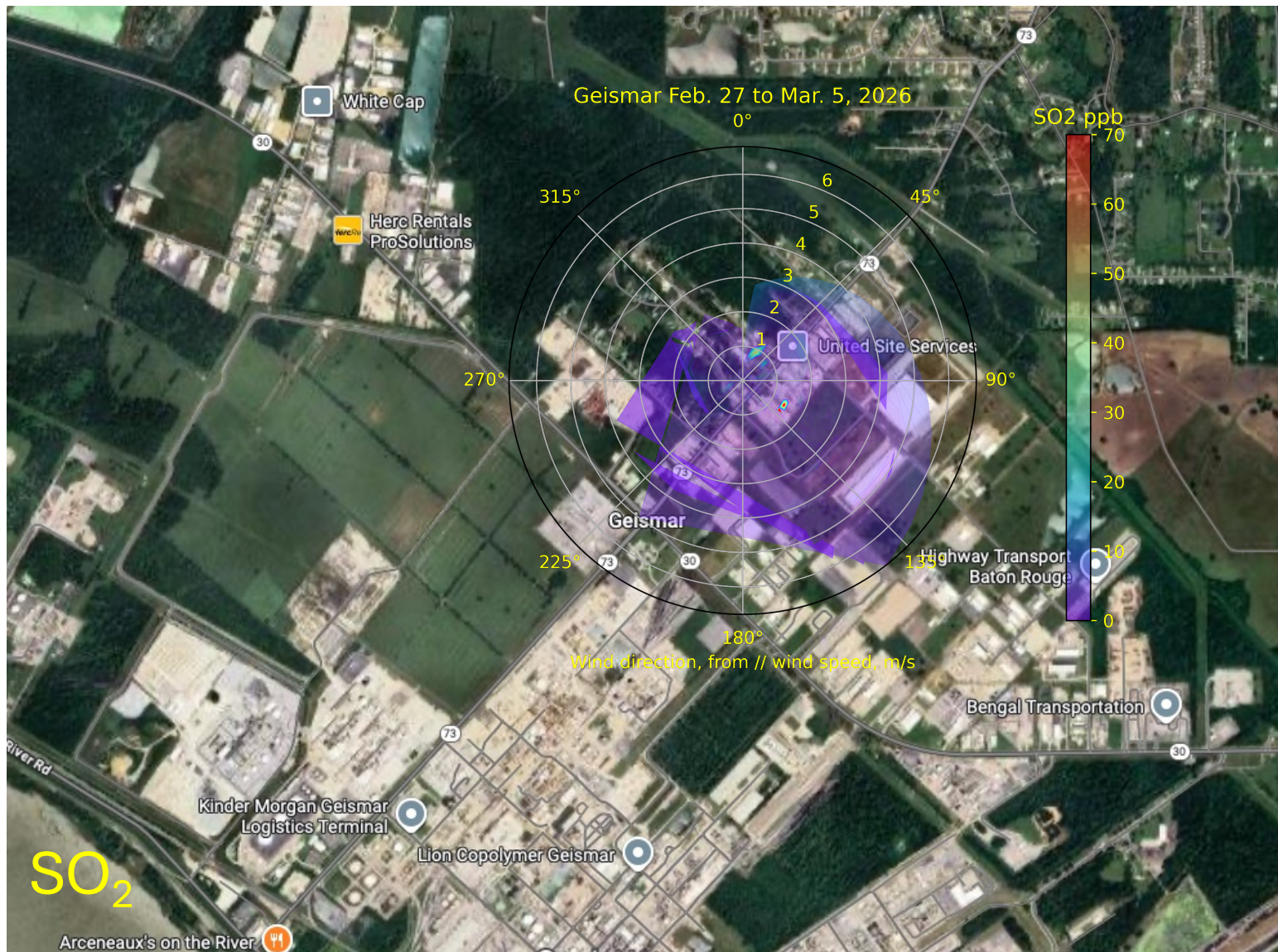


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	29.7	25.8	19.8	36.3	10.0	88.6	107
PM ₁₀ 8 to 11	17.0	14.5	11.9	21.3	6.5	38.7	84
PM ₁₀ 11 to 16	13.3	11.7	9.0	14.3	5.8	115.1	139
PM ₁₀ 16 to 19	14.1	13.2	8.8	18.9	5.6	29.0	84
PM ₁₀ 19 to 4	20.0	18.6	13.5	24.7	6.7	53.6	252

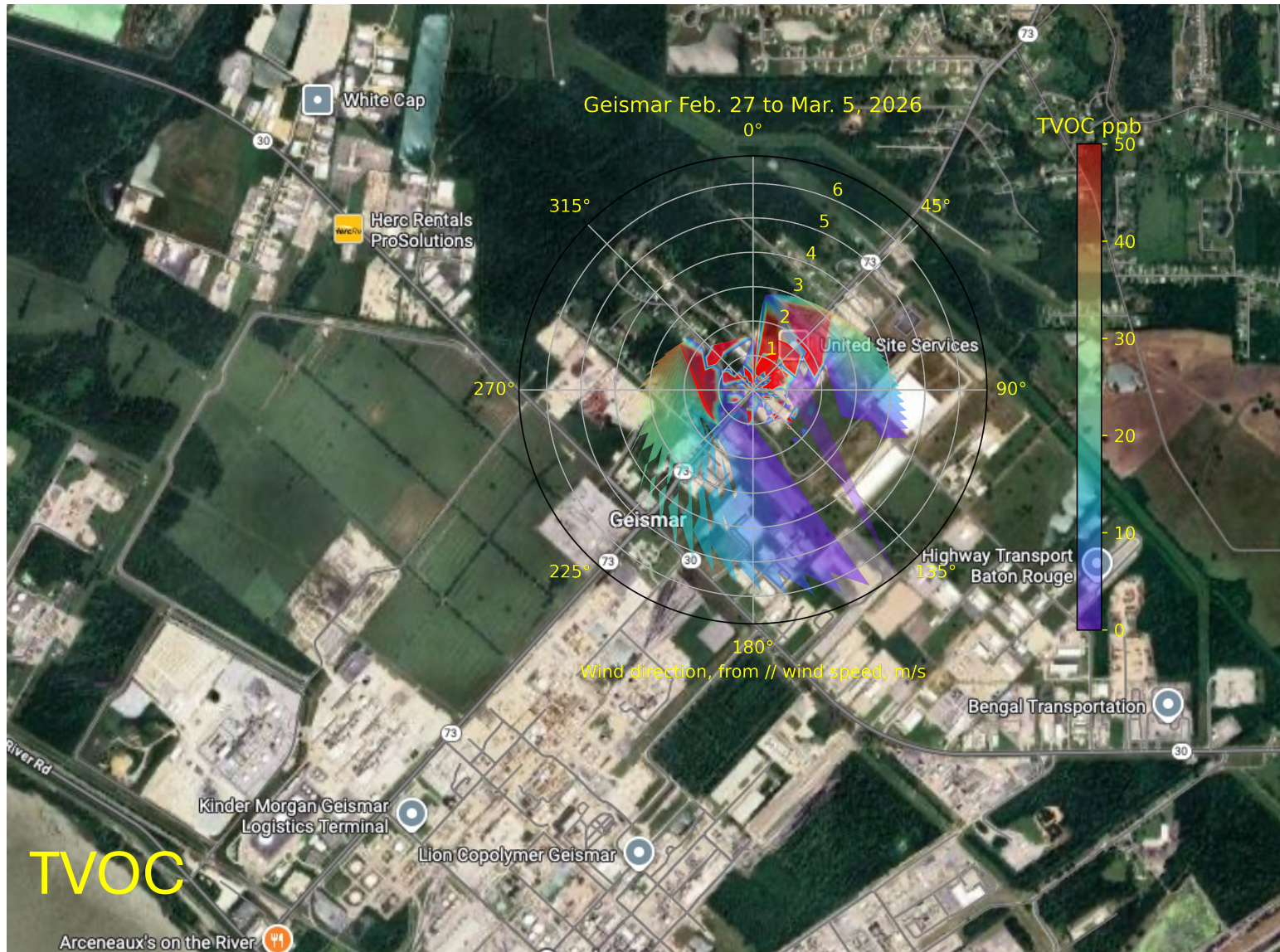
PM₁ data is not referenced and calibrated against regulatory monitor

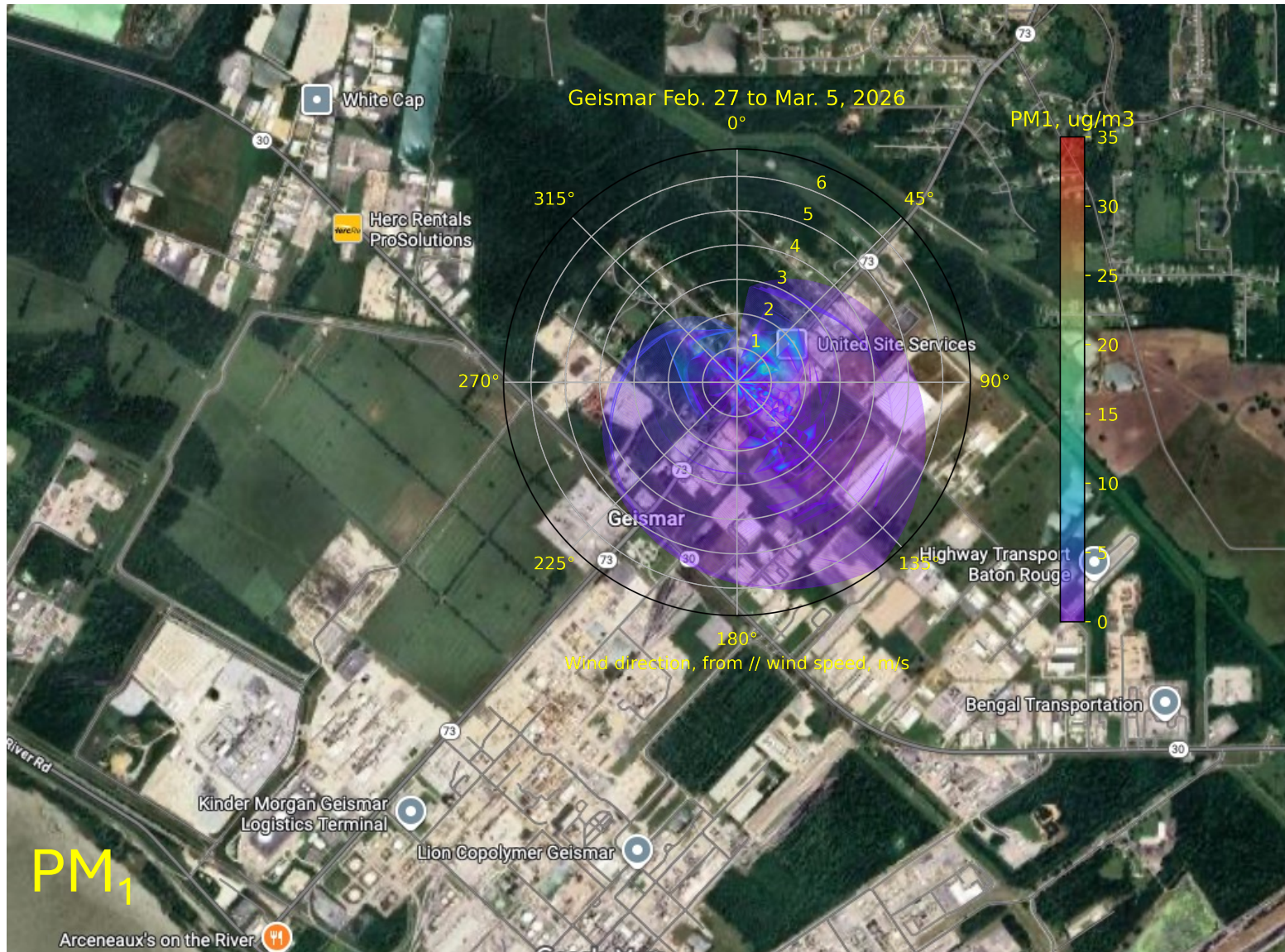




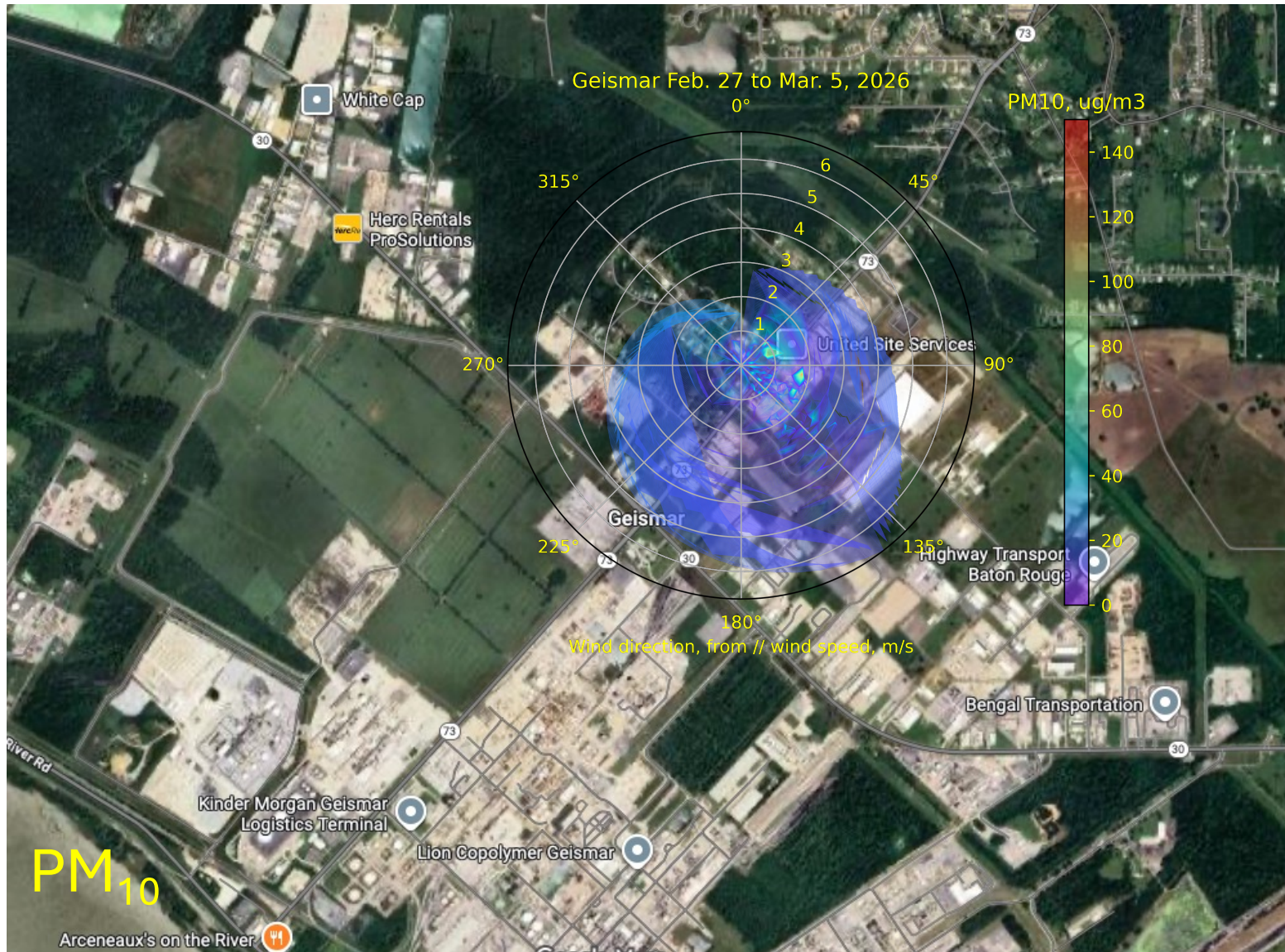












GEISMAR POD

2/27-3/3

- Significant levels of TVOC driven from 2 directions. Dominant from North-East and lesser one from North-West
- NE direction is accompanied by elevated PM_{2.5}
- TVOC at high levels for extended periods of time

