

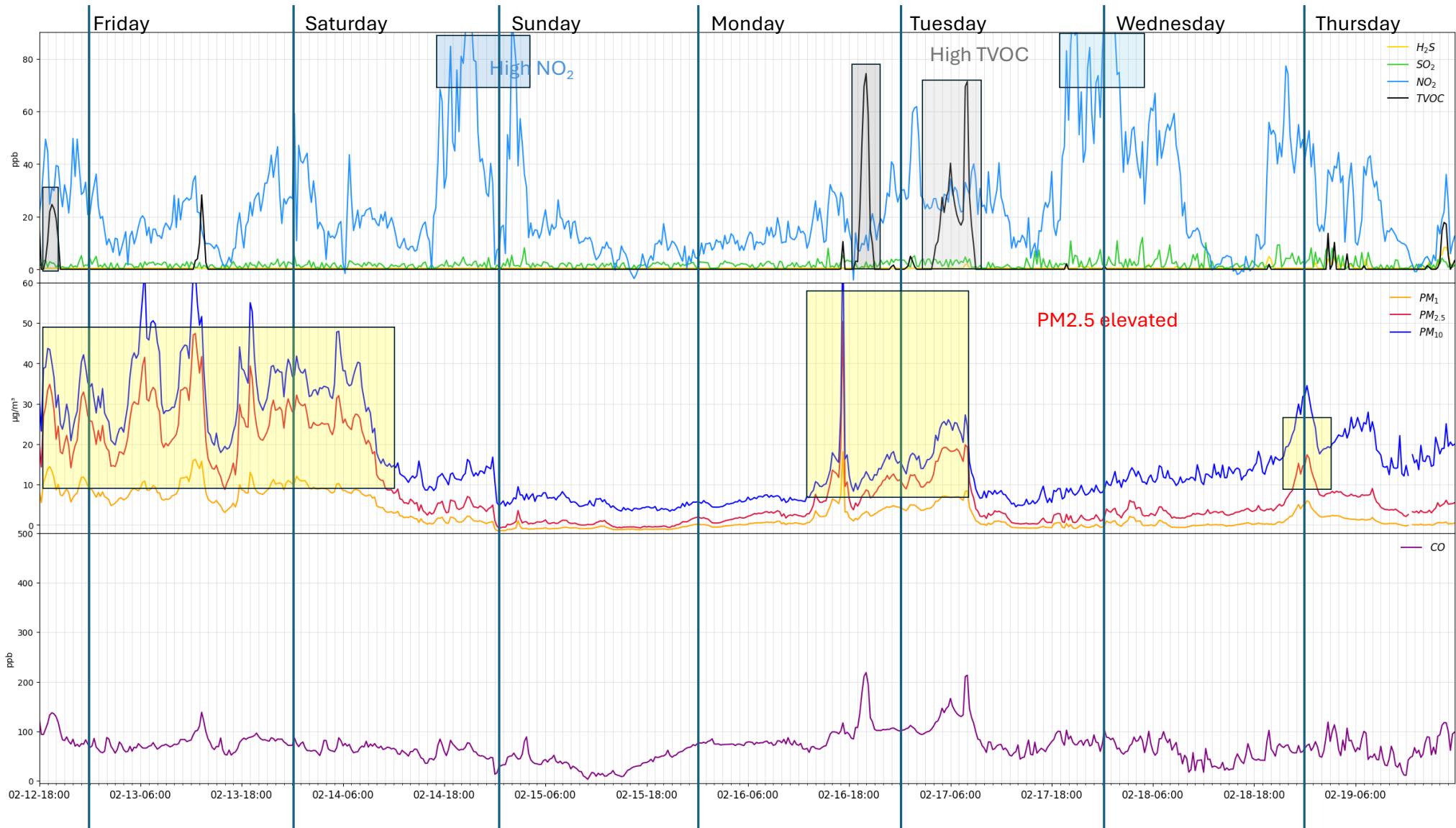
Geismar POD

February 13 – February 19, 2026

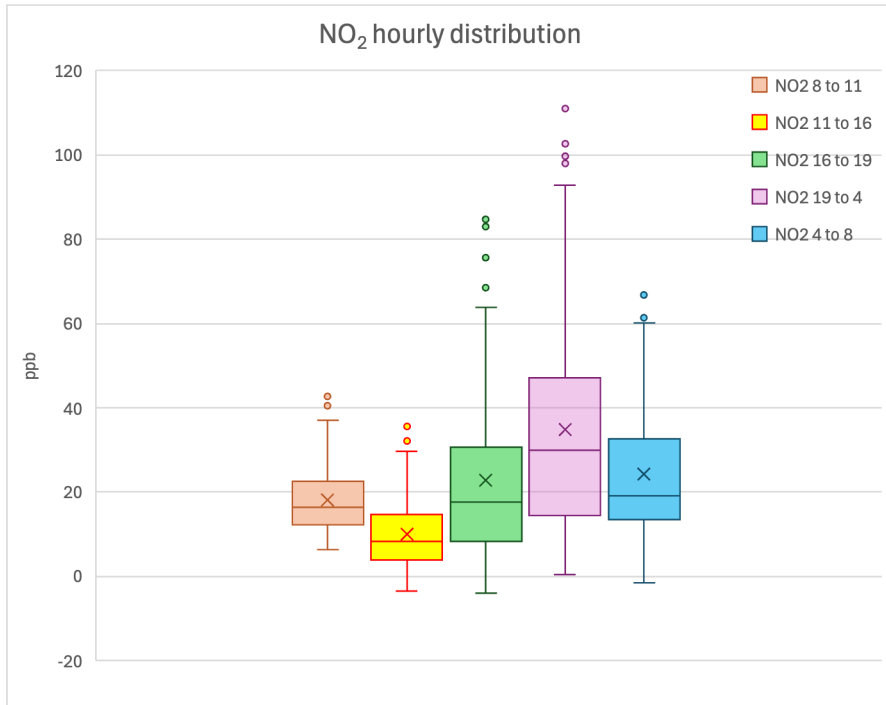
Disclaimer

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.

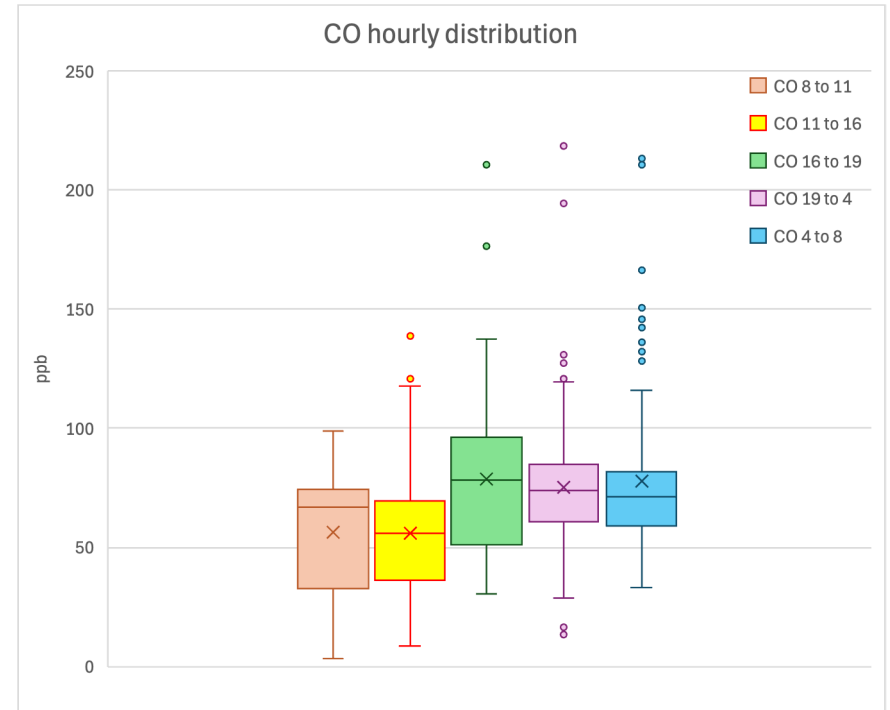
At the same time, most of the sensors are subject to QA/QC procedures and are calibrated and evaluated against official regulatory monitors.



Hourly concentration distribution

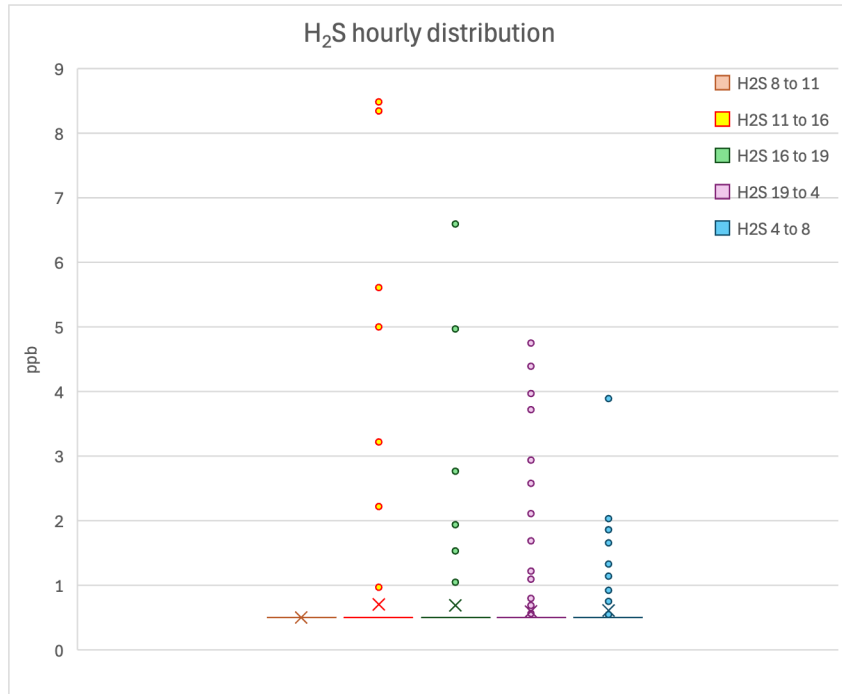


ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	24.3	19.2	13.5	32.6	-1.5	66.9	112
NO ₂ 8 to 11	18.2	16.4	12.2	22.6	6.4	42.6	84
NO ₂ 11 to 16	10.1	8.3	3.8	14.7	-3.5	36.1	140
NO ₂ 16 to 19	22.7	17.6	8.3	30.6	-4.0	84.7	84
NO ₂ 19 to 4	34.8	30.0	14.5	47.4	0.5	111.0	252

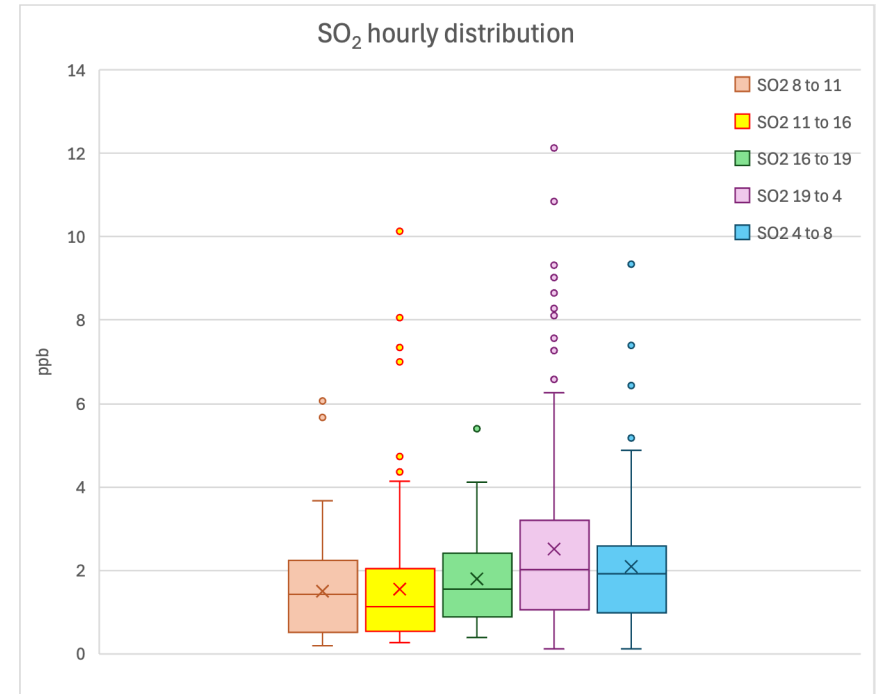


ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	78.0	71.2	58.8	81.8	33.2	213.3	112
CO 8 to 11	56.4	66.9	32.7	74.3	3.2	98.8	84
CO 11 to 16	55.9	56.0	36.2	69.4	8.7	138.6	140
CO 16 to 19	78.7	78.5	51.2	96.2	30.5	210.7	84
CO 19 to 4	75.3	73.8	60.6	84.7	13.5	218.6	252

Hourly concentration distribution



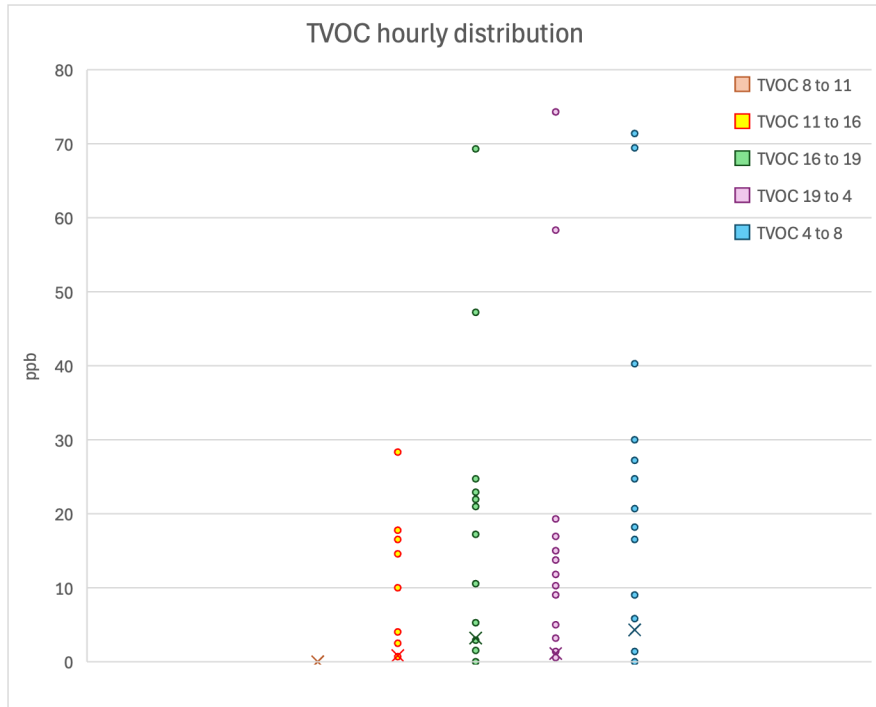
ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	0.6	0.5	0.5	0.5	0.5	3.9	112
H ₂ S 8 to 11	0.5	0.5	0.5	0.5	0.5	0.5	84
H ₂ S 11 to 16	0.7	0.5	0.5	0.5	0.5	8.5	140
H ₂ S 16 to 19	0.7	0.5	0.5	0.5	0.5	6.6	84
H ₂ S 19 to 4	0.6	0.5	0.5	0.5	0.5	4.8	252



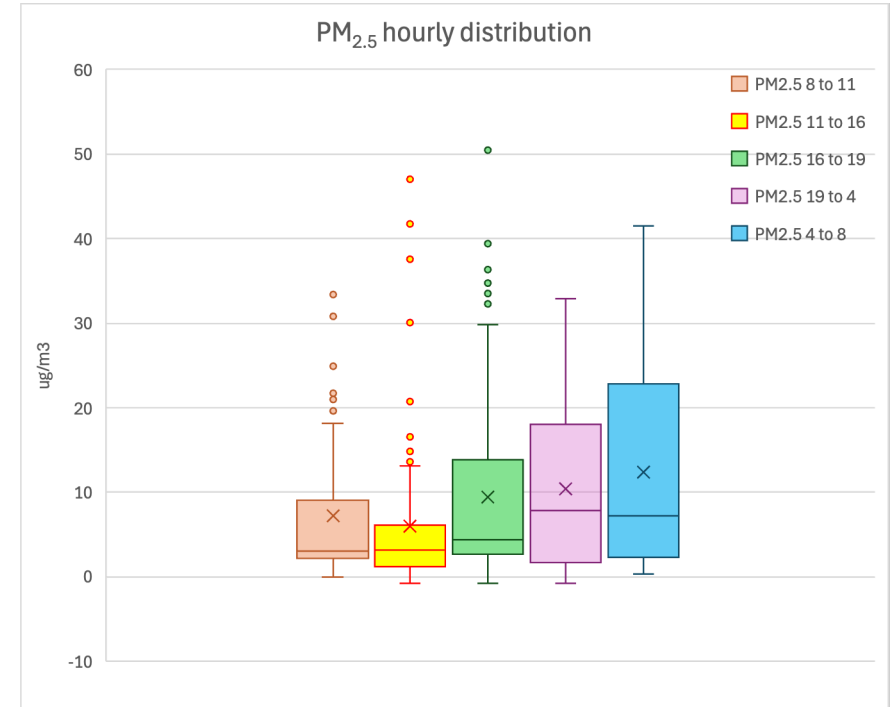
ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	2.1	1.9	1.0	2.6	0.1	9.4	112
SO ₂ 8 to 11	1.5	1.4	0.5	2.2	0.2	6.1	84
SO ₂ 11 to 16	1.6	1.1	0.5	2.0	0.3	10.1	140
SO ₂ 16 to 19	1.8	1.6	0.9	2.4	0.4	5.4	84
SO ₂ 19 to 4	2.5	2.0	1.0	3.2	0.1	12.1	252

H₂S data is not referenced and calibrated against regulatory monitor

Hourly concentration distribution

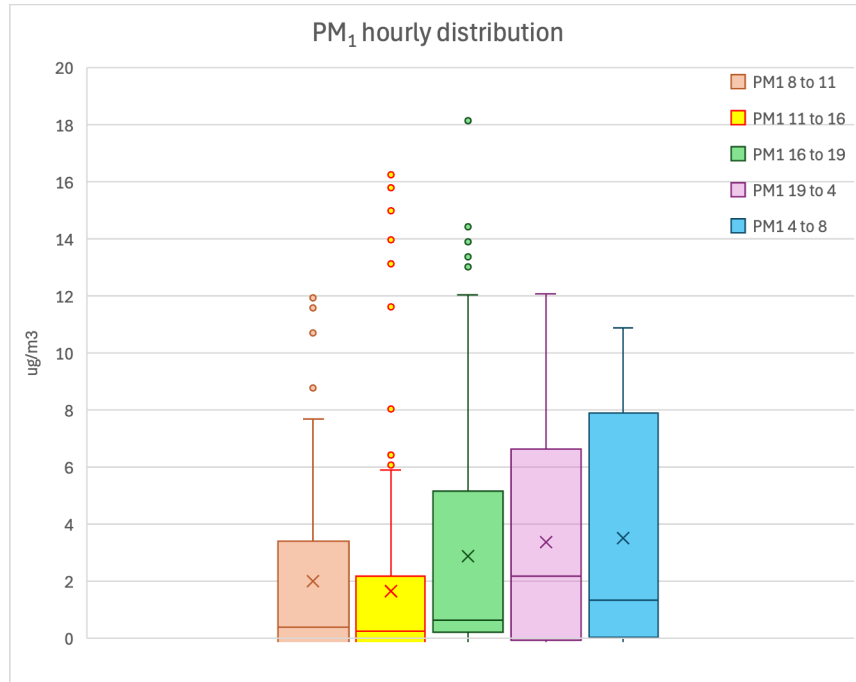


ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	4.3	0.1	0.1	0.1	0.1	71.4	112
TVOC 8 to 11	0.1	0.1	0.1	0.1	0.1	0.1	84
TVOC 11 to 16	0.9	0.1	0.1	0.1	0.1	28.3	140
TVOC 16 to 19	3.3	0.1	0.1	0.1	0.1	69.4	84
TVOC 19 to 4	1.1	0.1	0.1	0.1	0.1	74.3	252

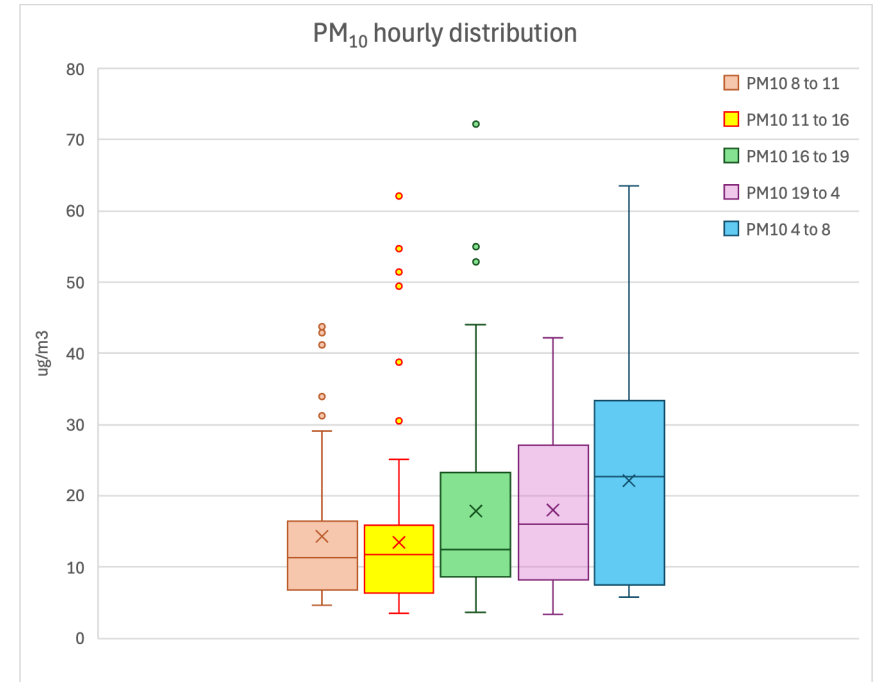


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	12.4	7.2	2.3	22.9	0.3	41.5	112
PM _{2.5} 8 to 11	7.3	3.0	2.2	9.1	0.0	34.1	84
PM _{2.5} 11 to 16	6.0	3.2	1.2	6.1	-0.7	47.4	139
PM _{2.5} 16 to 19	9.5	4.4	2.7	13.9	-0.7	50.4	84
PM _{2.5} 19 to 4	10.5	7.8	1.7	18.1	-0.8	32.9	252

Hourly concentration distribution

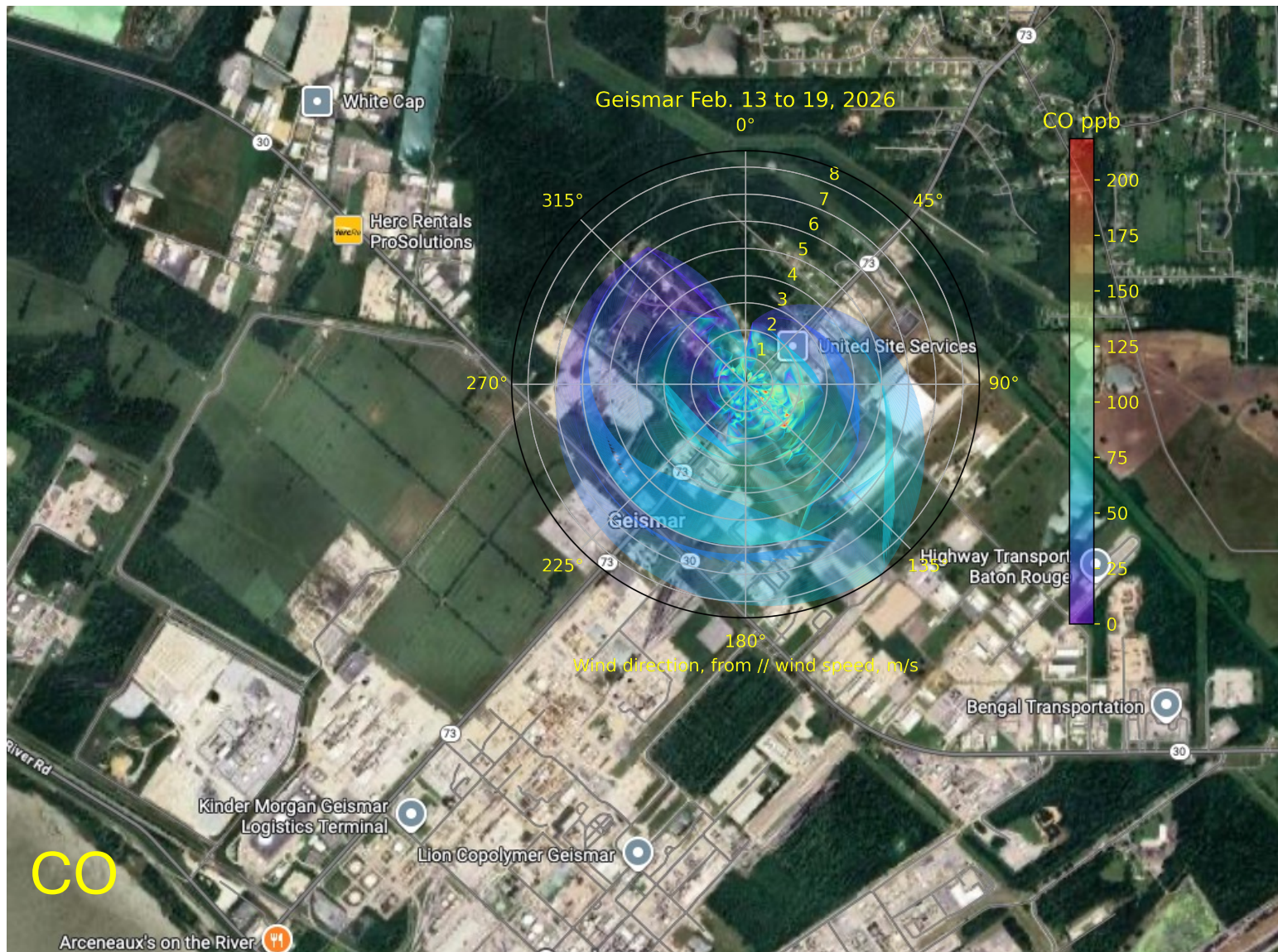


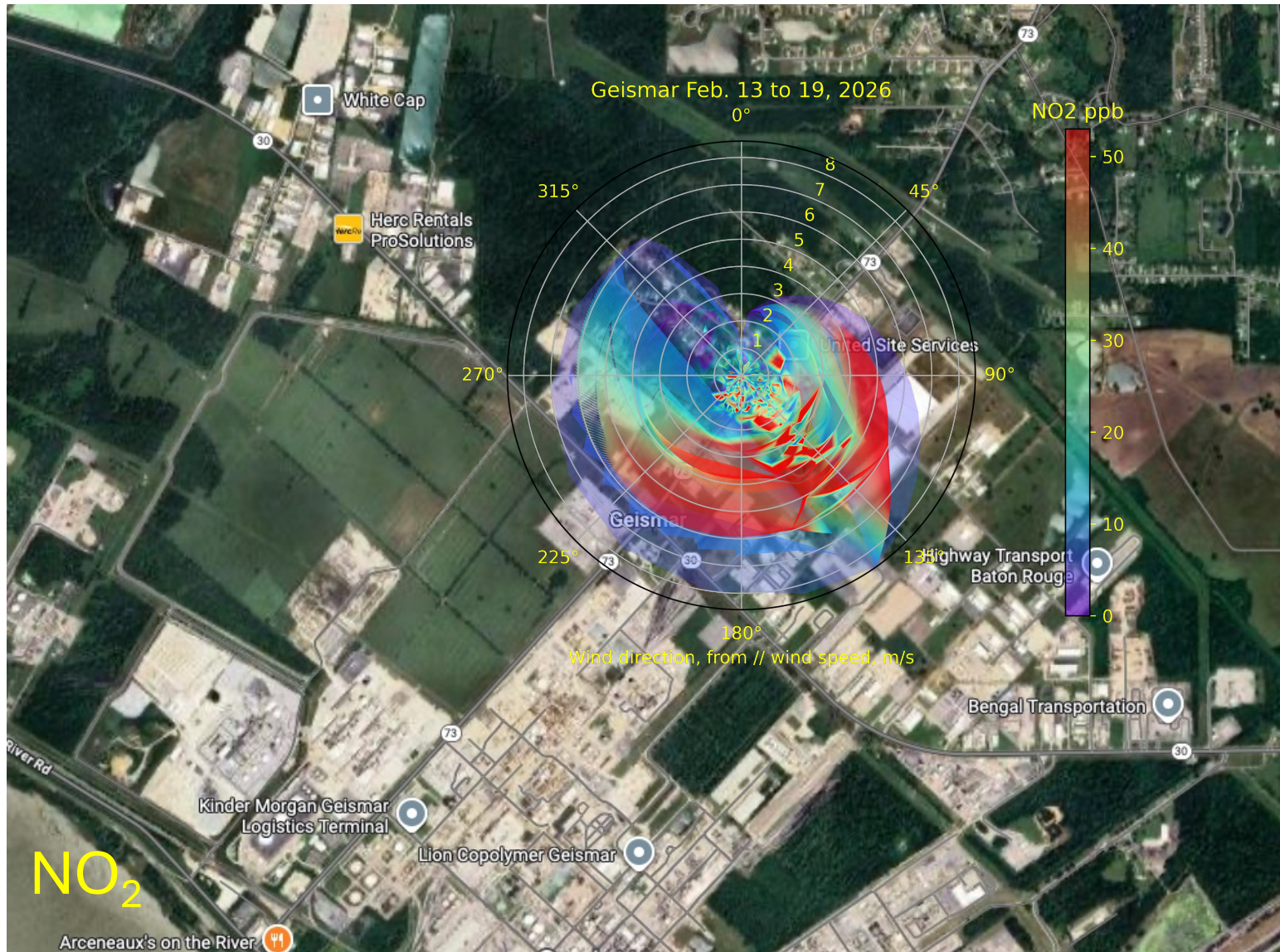
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	3.5	1.3	0.0	7.9	-1.0	10.9	112
PM ₁ 8 to 11	2.0	0.4	-0.2	3.4	-0.9	12.0	84
PM ₁ 11 to 16	1.6	0.3	-0.3	2.2	-1.2	16.2	139
PM ₁ 16 to 19	2.9	0.6	0.2	5.2	-1.2	18.2	84
PM ₁ 19 to 4	3.4	2.2	-0.1	6.7	-1.4	12.1	252

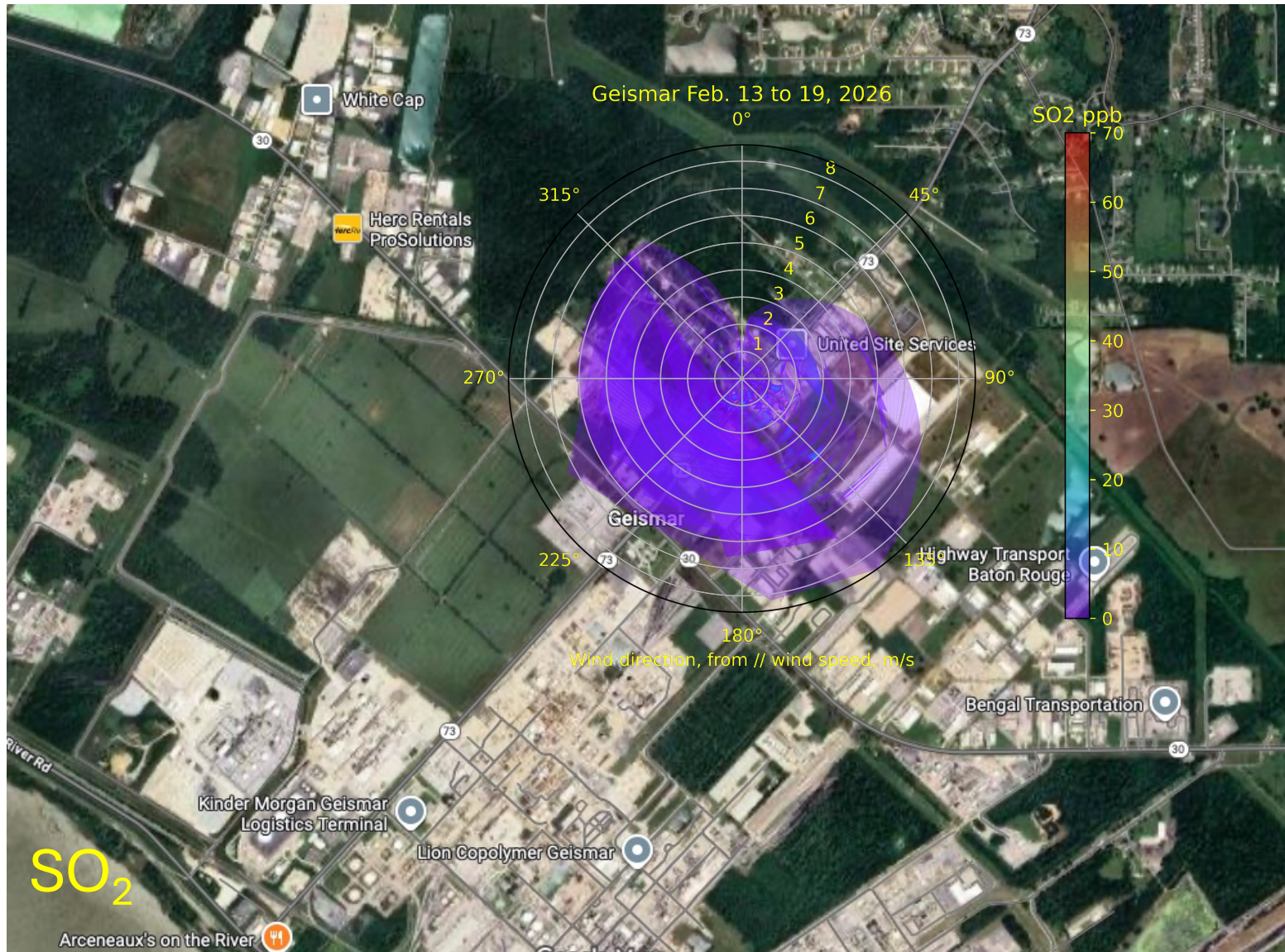


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	22.1	22.8	7.5	33.4	5.7	63.5	112
PM ₁₀ 8 to 11	14.3	11.3	6.7	16.4	4.6	44.5	84
PM ₁₀ 11 to 16	13.5	11.7	6.4	15.9	3.5	62.7	139
PM ₁₀ 16 to 19	17.9	12.4	8.6	23.2	3.6	72.2	84
PM ₁₀ 19 to 4	18.0	16.0	8.1	27.2	3.4	42.2	252

PM₁ data is not referenced and calibrated against regulatory monitor



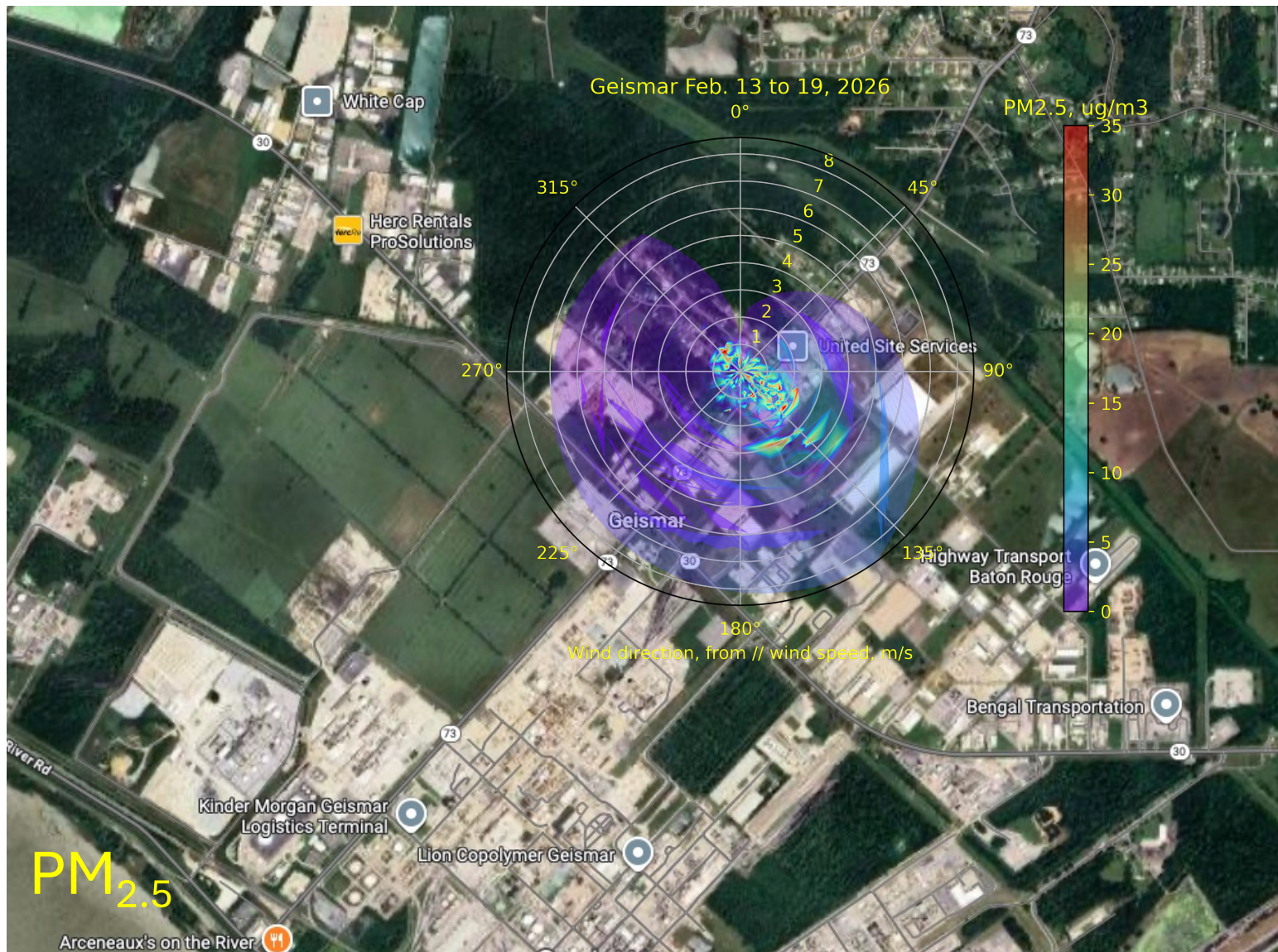














GEISMAR POD

2/13-2/19

- $\text{PM}_{2.5}$ driven from South-East creating extended periods of High $\text{PM}_{2.5}$
- High NO_2 concentration associated with South-East and South directions.

