

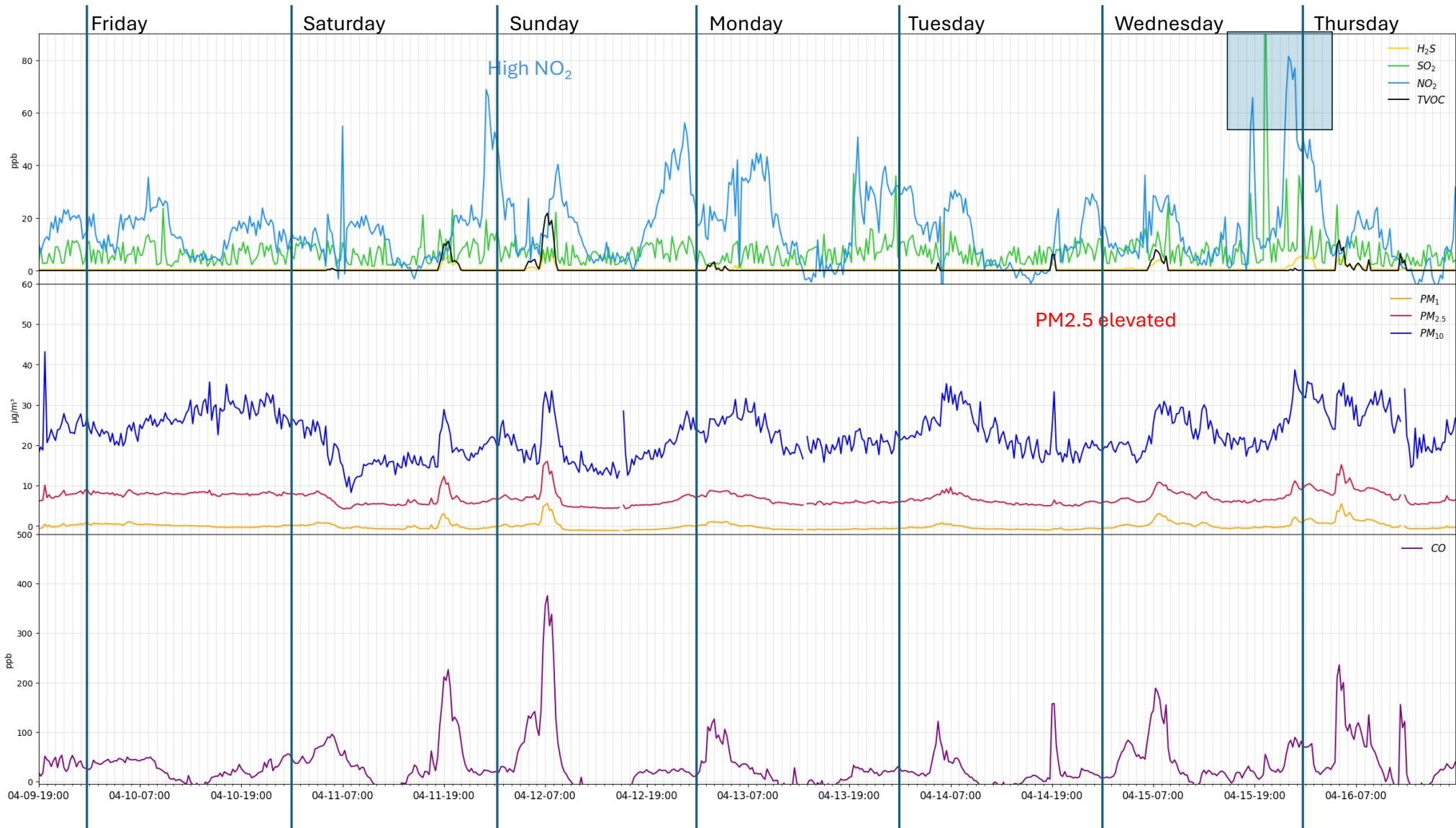
Geismar POD

April 10 – April 16, 2026

Disclaimer

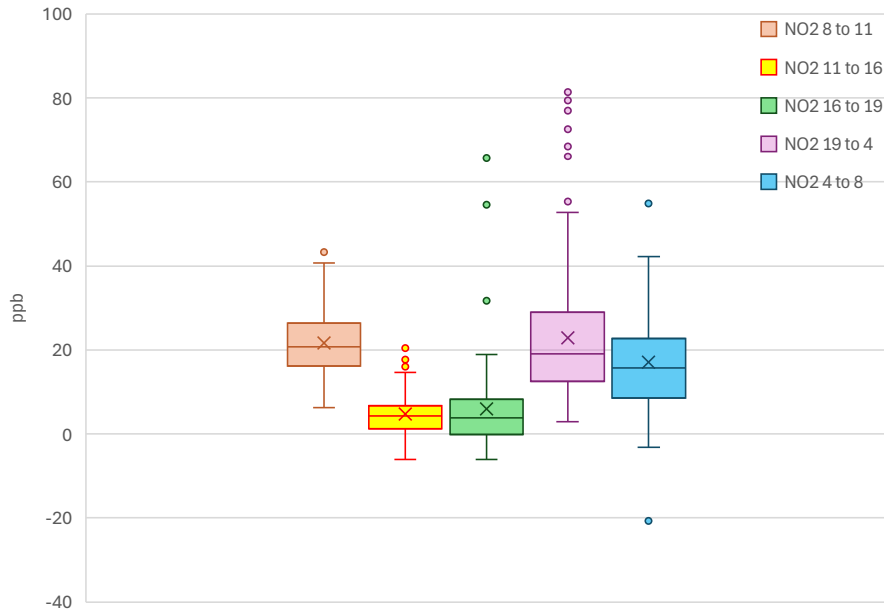
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



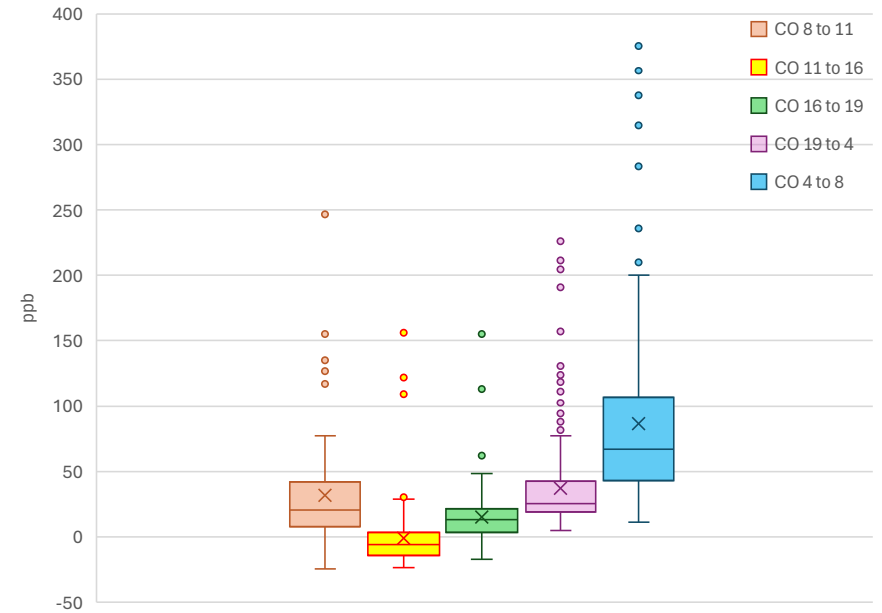
Hourly concentration distribution

NO₂ hourly distribution



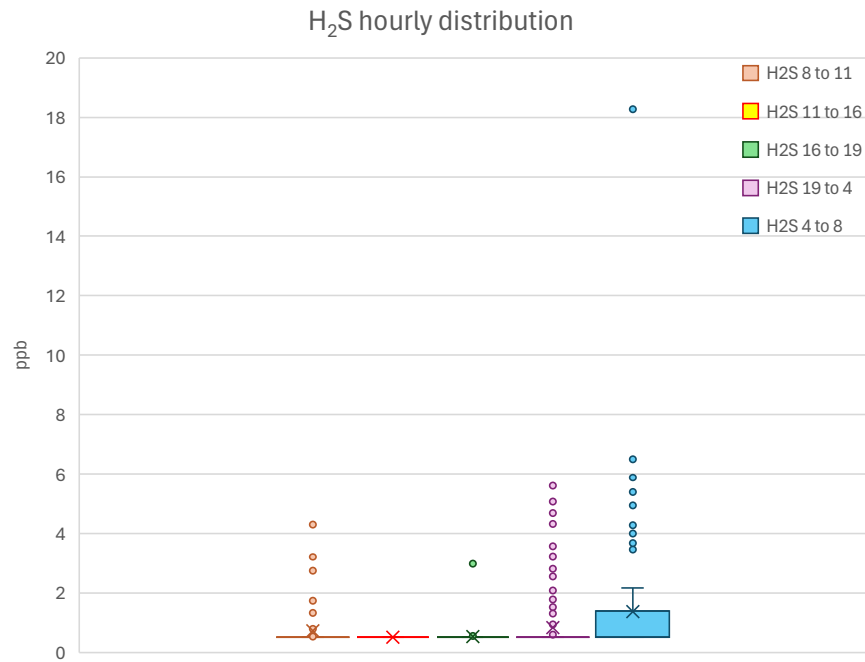
ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	17.0	15.6	8.5	22.8	-20.7	54.9	112
NO ₂ 8 to 11	21.7	20.8	16.1	26.4	6.3	44.7	84
NO ₂ 11 to 16	4.8	4.3	1.2	6.7	-6.0	20.4	140
NO ₂ 16 to 19	6.0	3.9	-0.1	8.3	-6.1	65.7	84
NO ₂ 19 to 4	22.8	19.1	12.5	28.9	3.0	81.4	252

CO hourly distribution

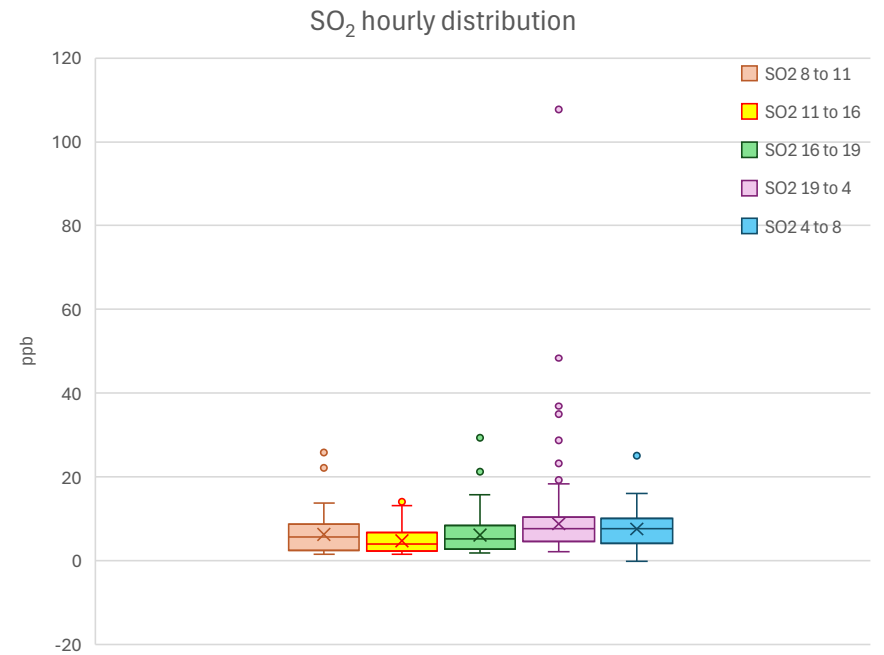


ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	86.4	67.0	42.8	106.5	11.2	375.4	112
CO 8 to 11	31.5	20.7	7.9	42.1	-24.3	246.6	84
CO 11 to 16	-1.2	-5.9	-14.1	3.4	-23.8	155.9	140
CO 16 to 19	15.3	13.0	3.3	21.6	-17.0	155.1	84
CO 19 to 4	37.0	25.3	19.0	42.7	4.8	226.1	252

Hourly concentration distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	1.4	0.5	0.5	1.4	0.5	18.3	112
H ₂ S 8 to 11	0.7	0.5	0.5	0.5	0.5	4.4	84
H ₂ S 11 to 16	0.5	0.5	0.5	0.5	0.5	0.5	140
H ₂ S 16 to 19	0.5	0.5	0.5	0.5	0.5	3.0	84
H ₂ S 19 to 4	0.8	0.5	0.5	0.5	0.5	5.6	252

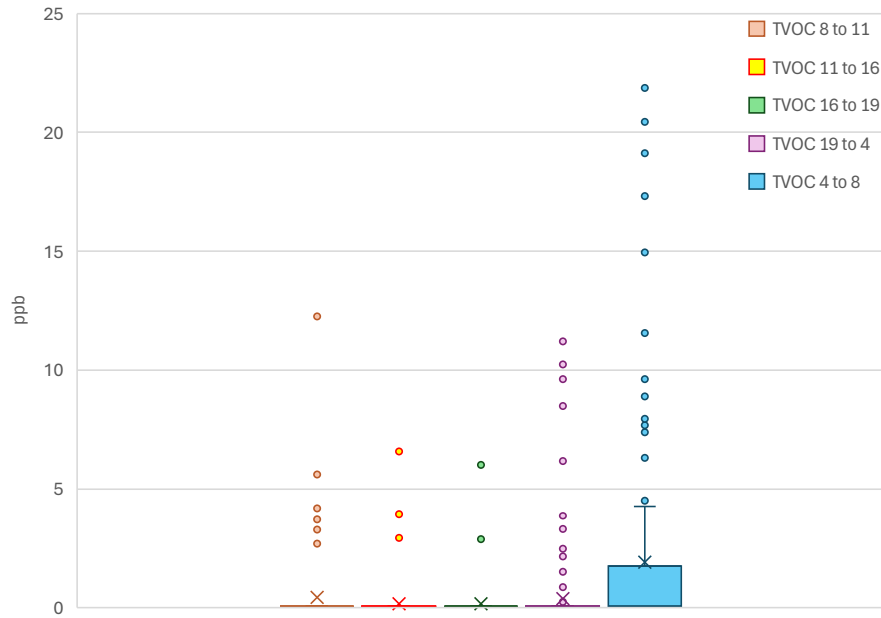


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	7.5	7.6	4.1	10.1	-0.2	25.0	112
SO ₂ 8 to 11	6.2	5.6	2.4	8.6	1.5	25.8	84
SO ₂ 11 to 16	4.7	3.9	2.2	6.7	1.5	14.0	140
SO ₂ 16 to 19	6.0	5.1	2.7	8.4	1.9	29.4	84
SO ₂ 19 to 4	8.8	7.7	4.6	10.4	2.2	107.7	252

H₂S data is not referenced and calibrated against regulatory monitor

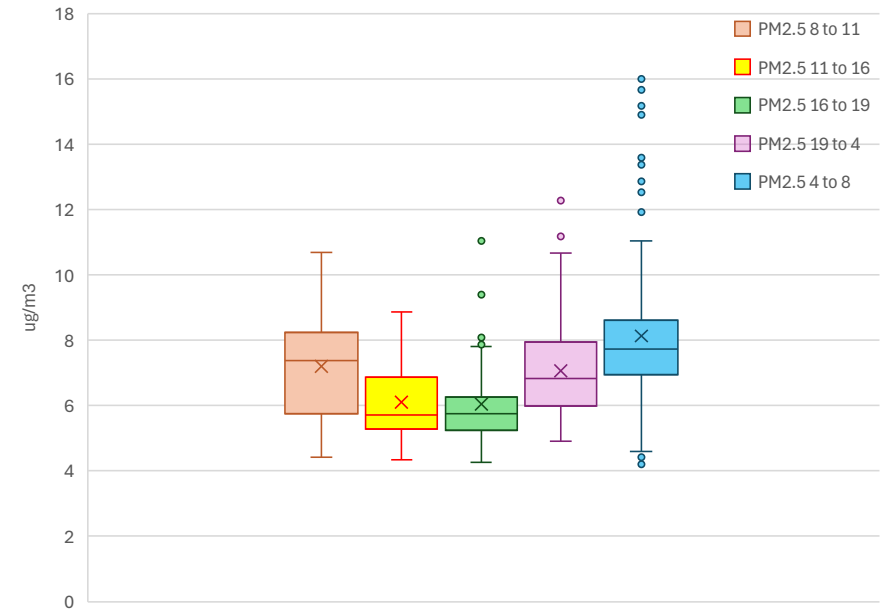
Hourly concentration distribution

TVOC hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	1.9	0.1	0.1	1.7	0.1	21.9	112
TVOC 8 to 11	0.4	0.1	0.1	0.1	0.1	12.3	84
TVOC 11 to 16	0.2	0.1	0.1	0.1	0.1	6.6	140
TVOC 16 to 19	0.2	0.1	0.1	0.1	0.1	6.0	84
TVOC 19 to 4	0.4	0.1	0.1	0.1	0.1	11.2	252

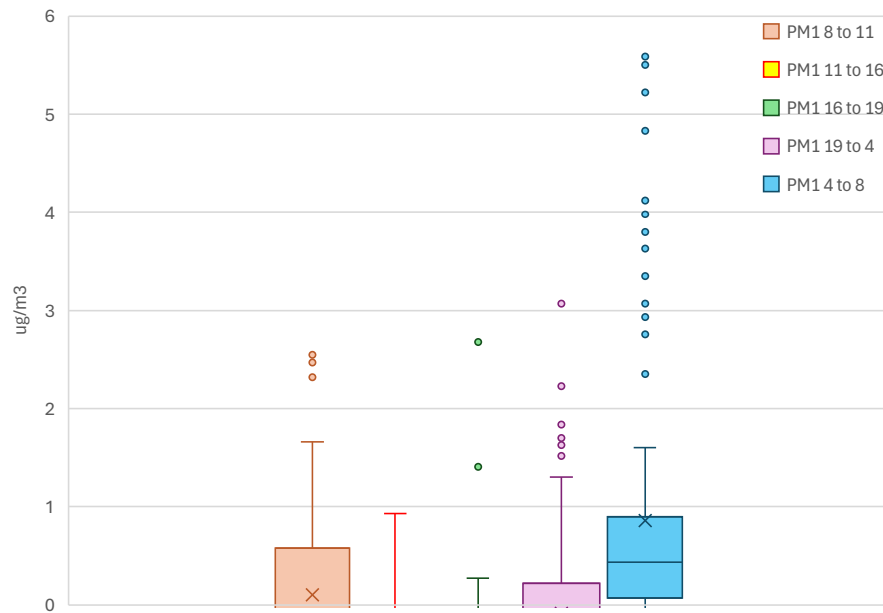
PM_{2.5} hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	8.1	7.7	6.9	8.6	4.2	16.0	112
PM _{2.5} 8 to 11	7.2	7.4	5.8	8.2	4.4	10.7	84
PM _{2.5} 11 to 16	6.1	5.7	5.3	6.9	4.4	8.9	138
PM _{2.5} 16 to 19	6.0	5.8	5.2	6.3	4.3	11.0	83
PM _{2.5} 19 to 4	7.1	6.8	6.0	8.0	4.9	12.3	252

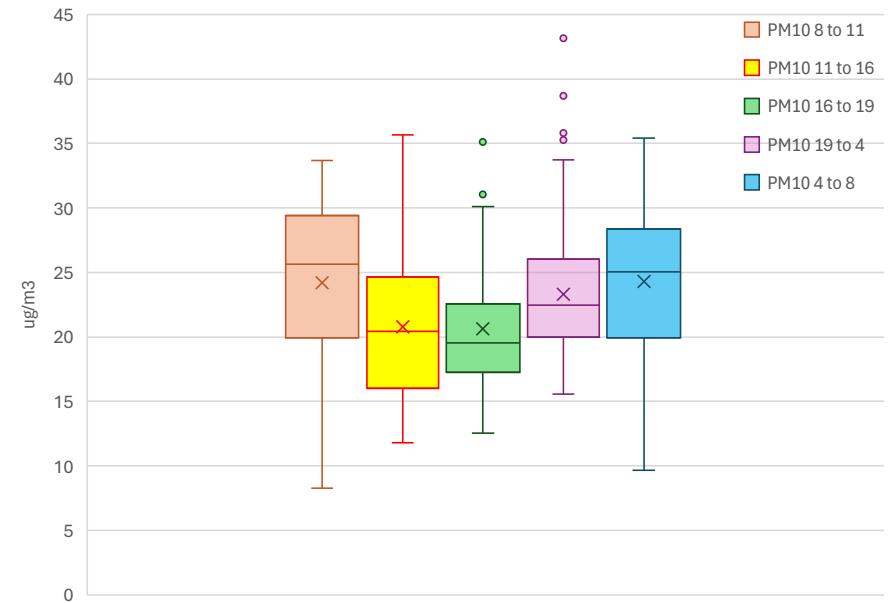
Hourly concentration distribution

PM₁ hourly distribution



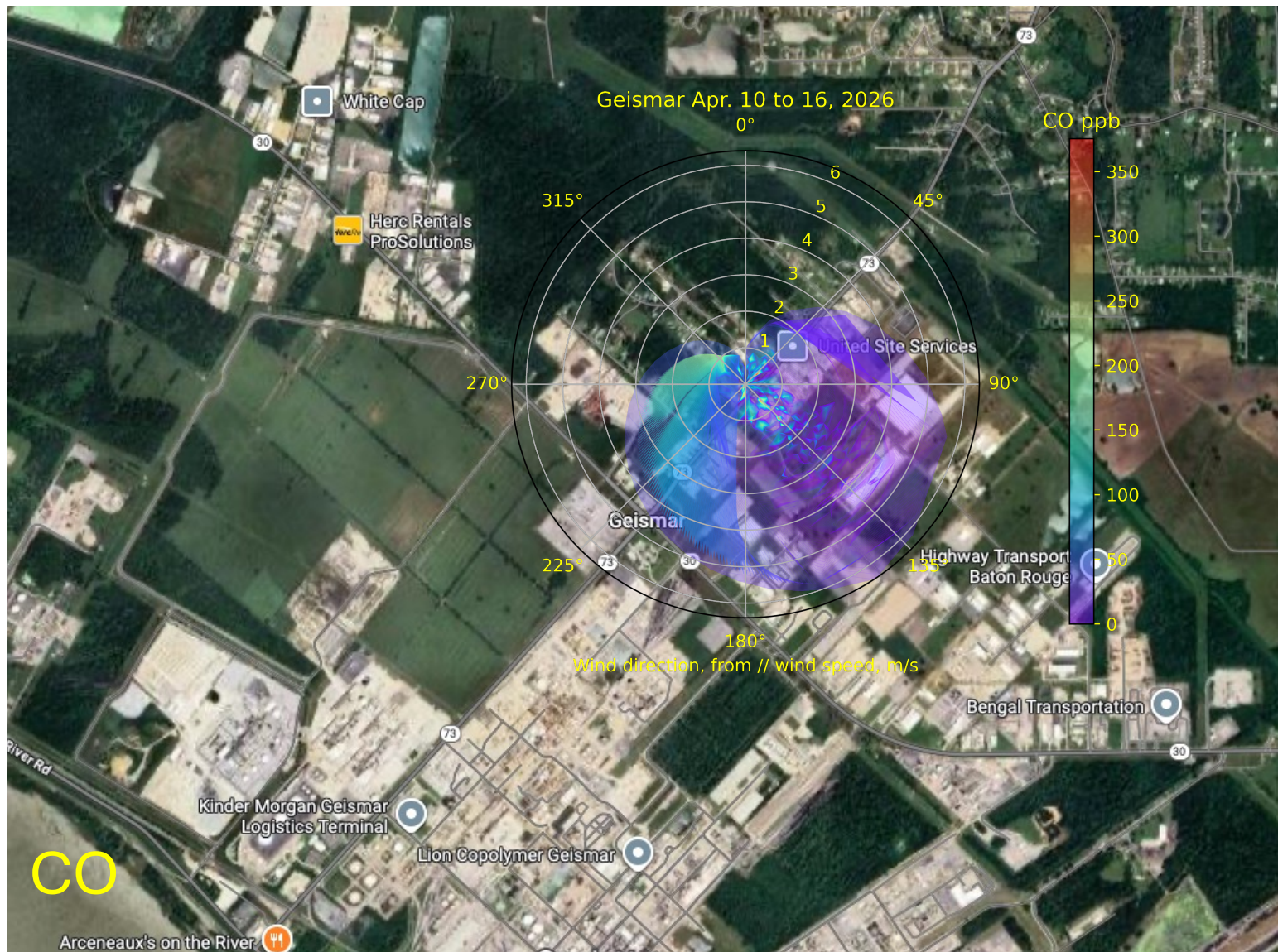
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	0.9	0.4	0.1	0.9	-0.6	5.6	112
PM ₁ 8 to 11	0.1	0.0	-0.6	0.6	-1.1	2.6	84
PM ₁ 11 to 16	-0.5	-0.7	-0.9	-0.1	-1.2	0.9	138
PM ₁ 16 to 19	-0.6	-0.6	-0.9	-0.4	-1.1	2.7	83
PM ₁ 19 to 4	-0.1	-0.2	-0.6	0.2	-1.0	3.1	252

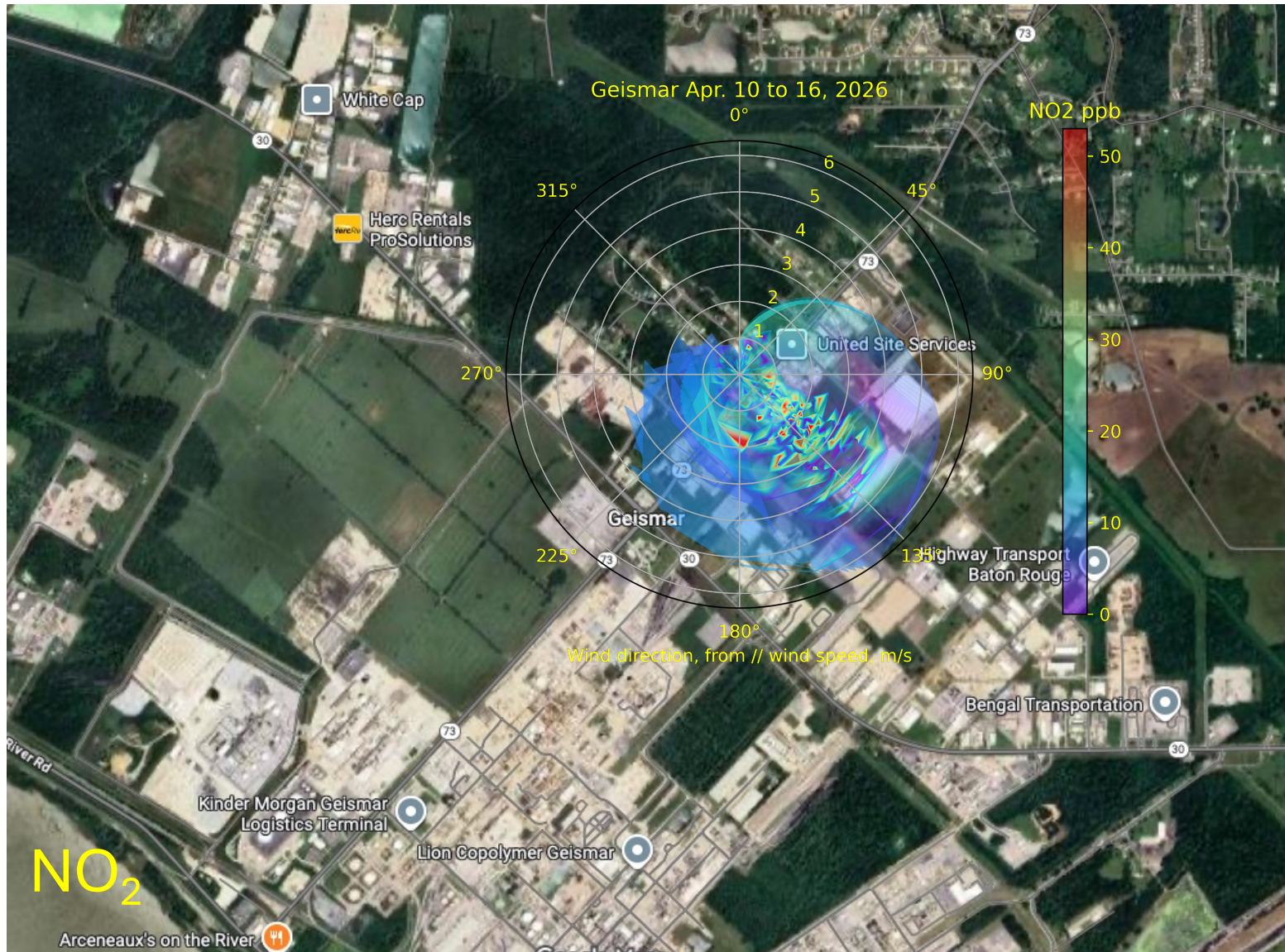
PM₁₀ hourly distribution

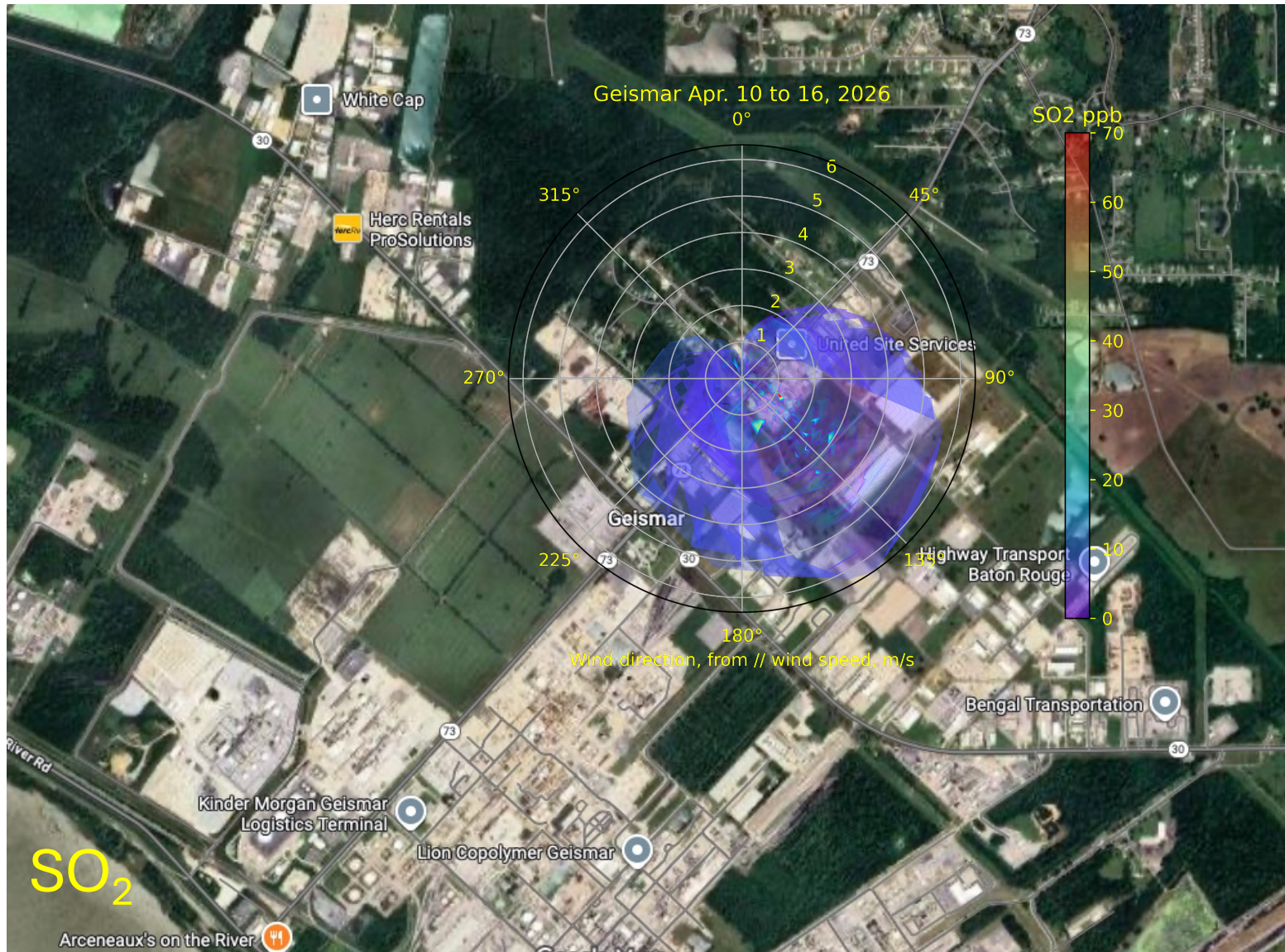


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	24.3	25.1	19.9	28.4	9.7	35.4	112
PM ₁₀ 8 to 11	24.2	25.7	20.0	29.4	8.3	33.7	84
PM ₁₀ 11 to 16	20.8	20.4	16.0	24.6	11.8	35.7	138
PM ₁₀ 16 to 19	20.6	19.5	17.2	22.6	12.5	35.1	83
PM ₁₀ 19 to 4	23.3	22.4	20.0	26.1	15.6	43.2	252

PM₁ data is not referenced and calibrated against regulatory monitor

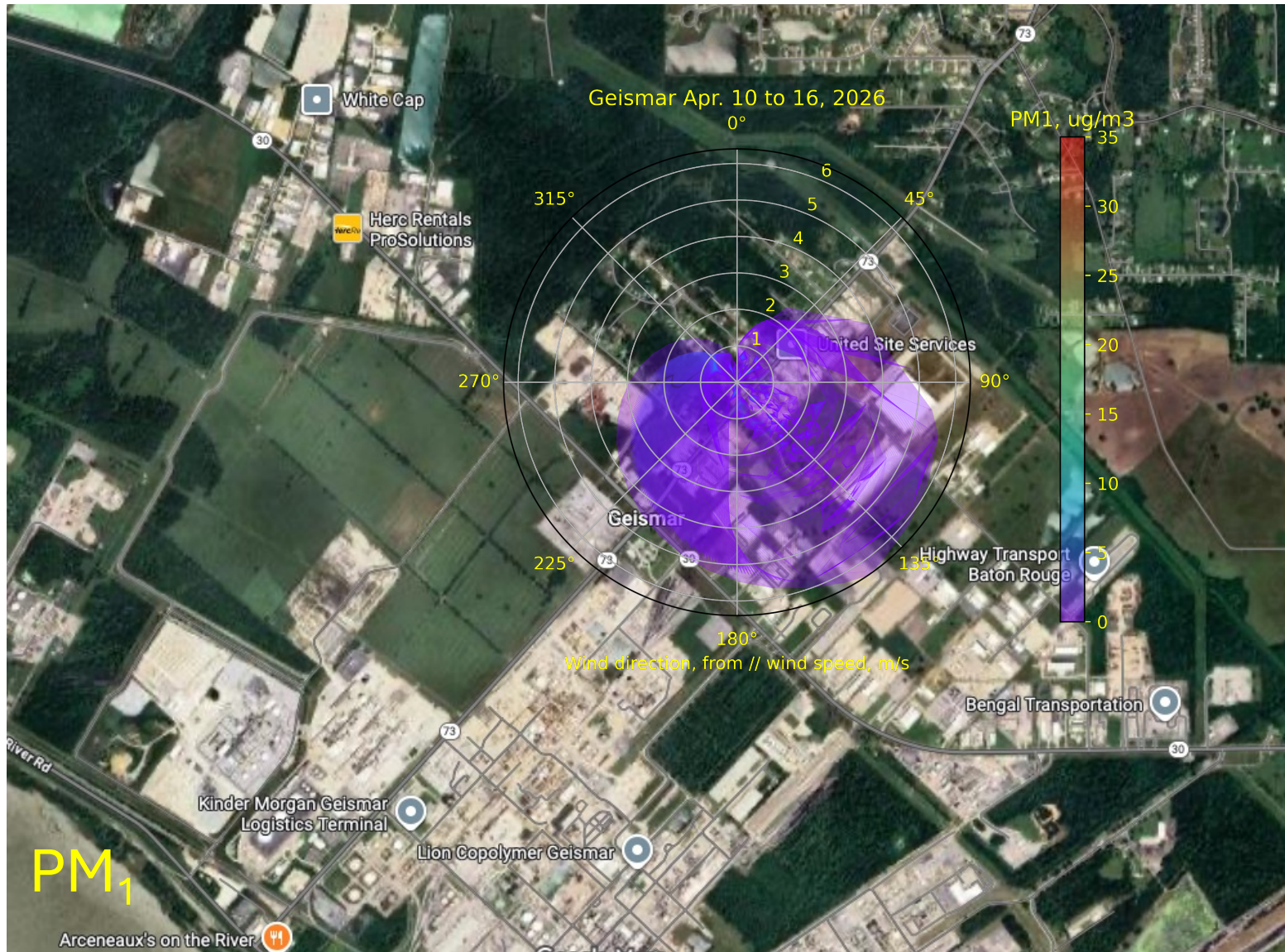
















GEISMAR POD

4/10-4/16

- No major air pollution events

