

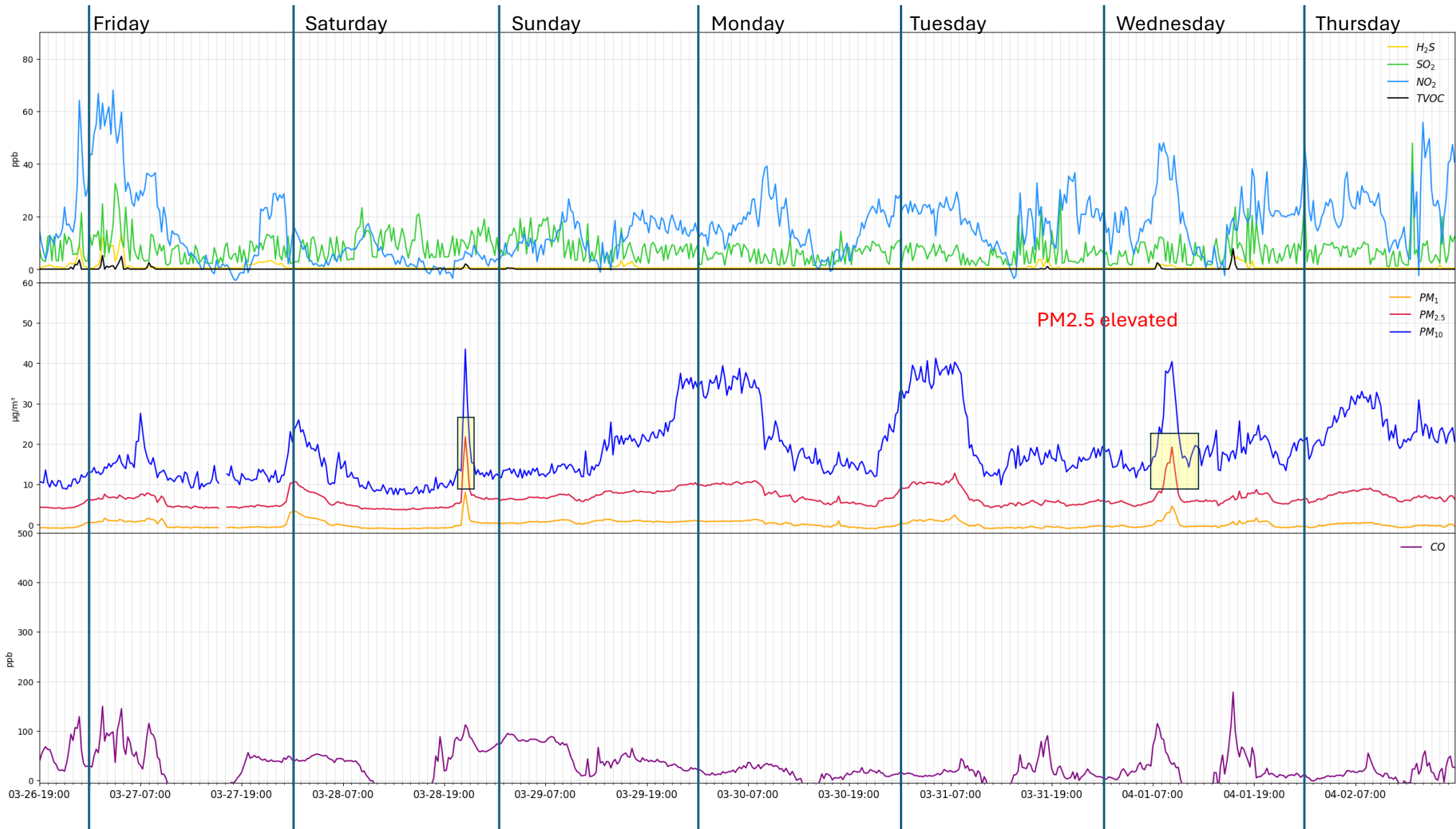
Geismar POD

March 27 – April 2, 2026

Disclaimer

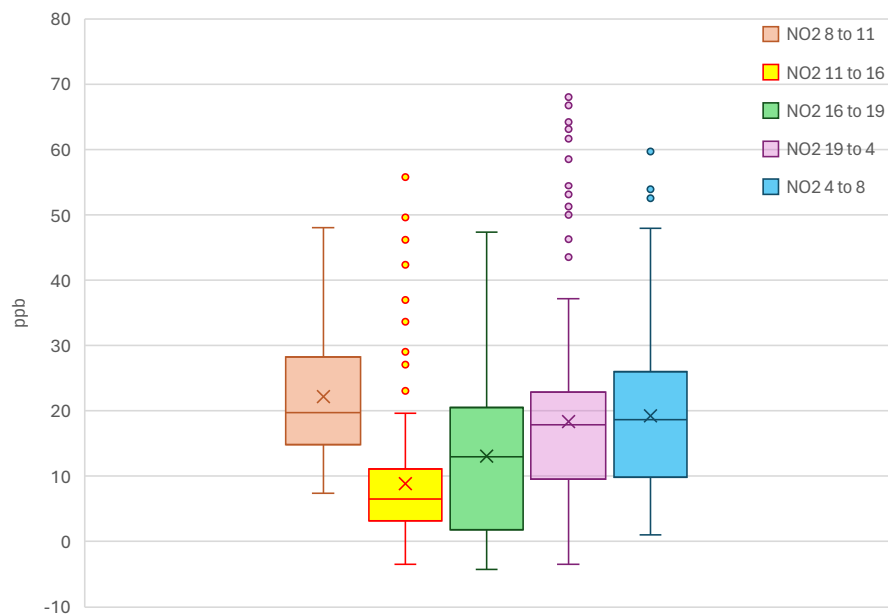
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



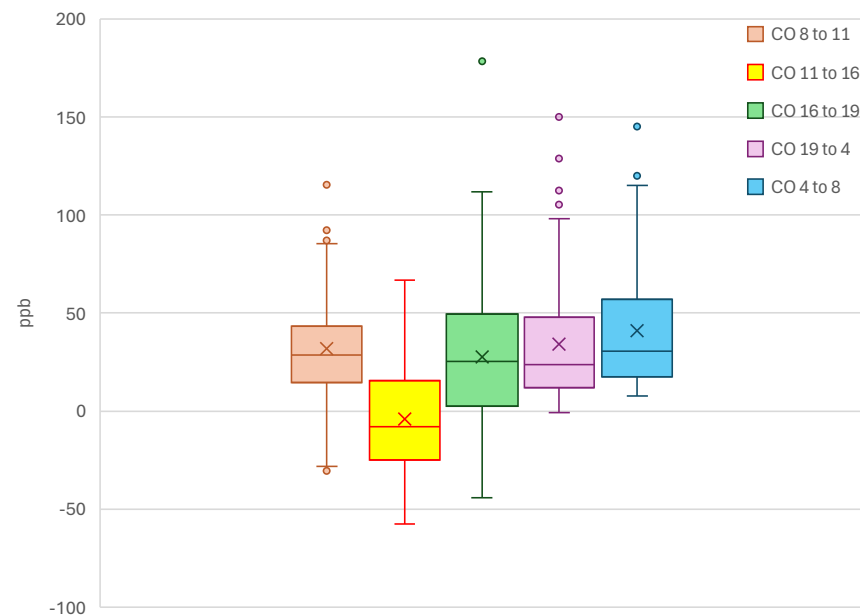
Hourly concentration distribution

NO₂ hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	19.2	18.7	9.9	26.0	1.0	59.7	112
NO ₂ 8 to 11	22.2	19.8	14.8	28.3	7.4	48.0	84
NO ₂ 11 to 16	8.9	6.5	3.2	11.1	-3.5	55.8	140
NO ₂ 16 to 19	13.1	13.0	1.8	20.5	-4.3	47.4	84
NO ₂ 19 to 4	18.3	17.9	9.5	22.9	-3.4	68.0	252

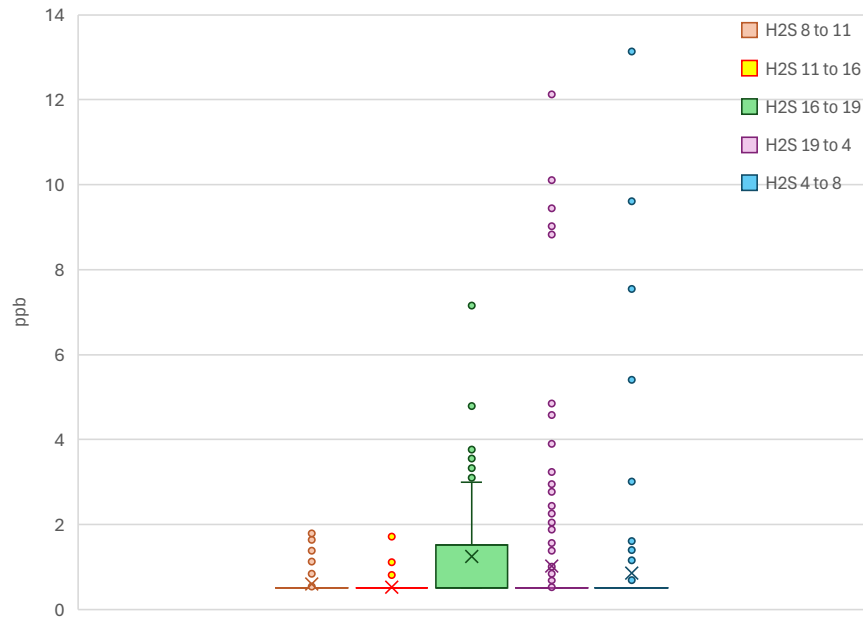
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	41.0	30.5	17.4	57.0	7.8	145.0	112
CO 8 to 11	32.0	28.5	14.5	43.1	-30.5	115.4	84
CO 11 to 16	-4.0	-7.9	-25.0	15.5	-57.5	66.9	140
CO 16 to 19	27.5	25.4	2.5	49.5	-44.1	178.3	84
CO 19 to 4	34.2	23.7	11.9	48.0	-0.8	149.9	252

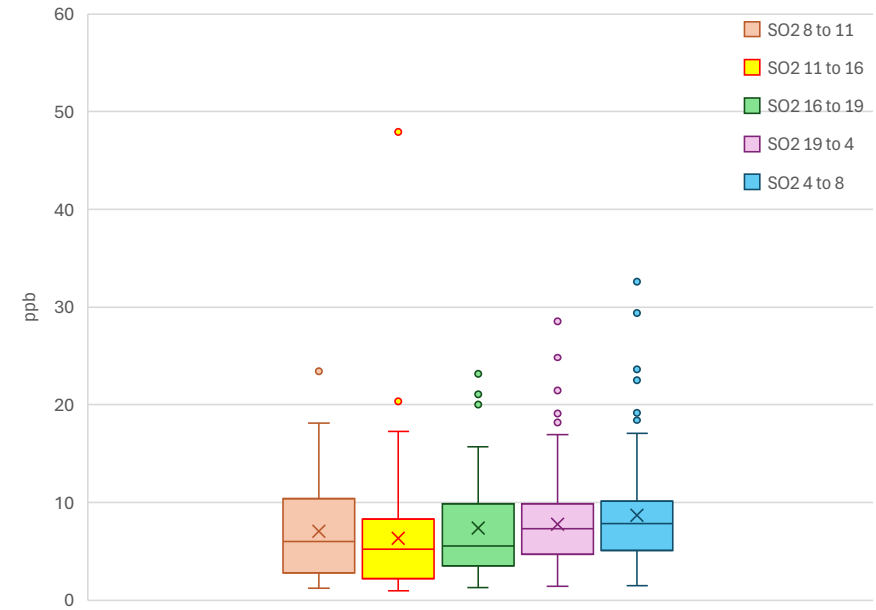
Hourly concentration distribution

H₂S hourly 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	13.1	112
H ₂ S 8 to 11	0.6	0.5	0.5	0.5	0.5	1.9	84
H ₂ S 11 to 16	0.5	0.5	0.5	0.5	0.5	1.7	140
H ₂ S 16 to 19	1.2	0.5	0.5	1.6	0.5	7.2	84
H ₂ S 19 to 4	1.0	0.5	0.5	0.5	0.5	12.1	252

SO₂ hourly distribution

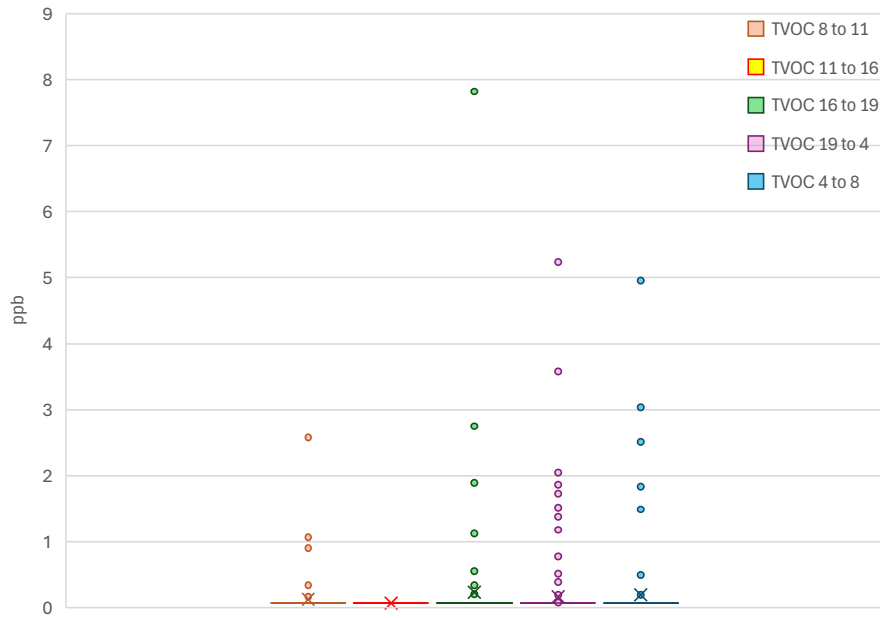


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	8.7	7.9	5.1	10.1	1.5	32.6	112
SO ₂ 8 to 11	7.1	6.0	2.8	10.4	1.2	23.4	84
SO ₂ 11 to 16	6.4	5.2	2.2	8.3	1.0	47.9	140
SO ₂ 16 to 19	7.4	5.5	3.5	9.9	1.3	23.8	84
SO ₂ 19 to 4	7.8	7.3	4.6	9.9	1.4	28.5	252

H₂S data is not referenced and calibrated against regulatory monitor

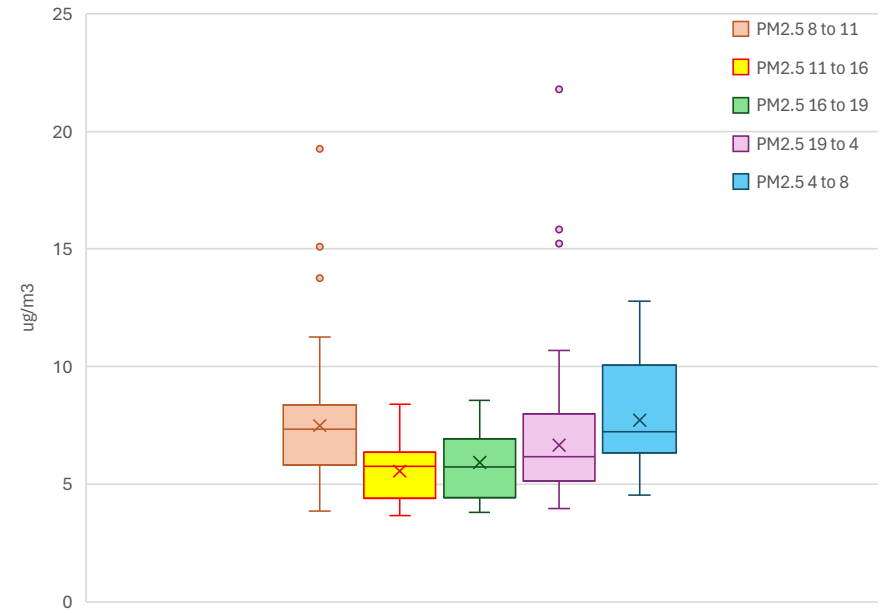
Hourly concentration distribution

TVOC hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	0.2	0.1	0.1	0.1	0.1	5.0	112
TVOC 8 to 11	0.1	0.1	0.1	0.1	0.1	2.6	84
TVOC 11 to 16	0.1	0.1	0.1	0.1	0.1	0.1	140
TVOC 16 to 19	0.2	0.1	0.1	0.1	0.1	7.8	84
TVOC 19 to 4	0.2	0.1	0.1	0.1	0.1	5.2	252

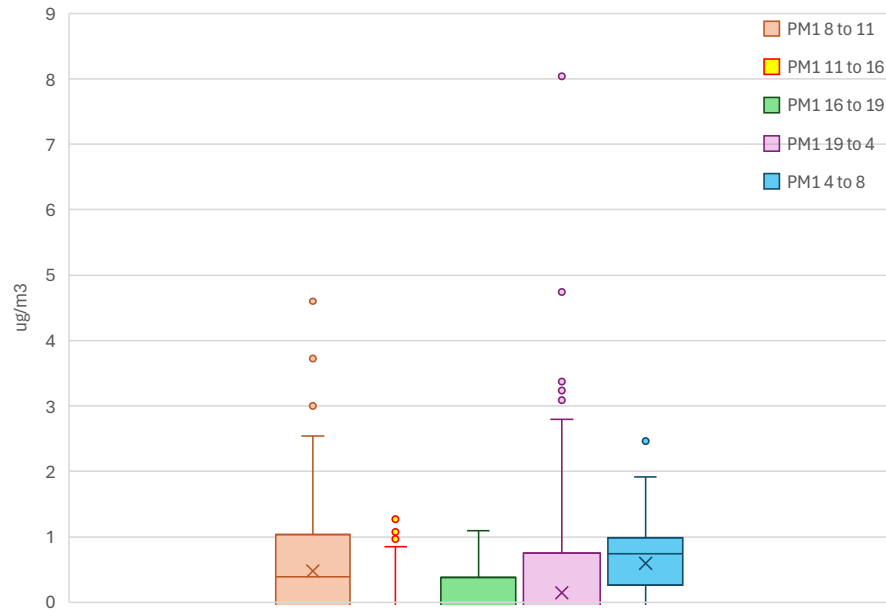
PM_{2.5} hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	7.7	7.2	6.3	10.1	4.5	12.8	112
PM _{2.5} 8 to 11	7.5	7.3	5.8	8.4	3.9	19.3	84
PM _{2.5} 11 to 16	5.6	5.7	4.4	6.4	3.7	8.4	140
PM _{2.5} 16 to 19	5.9	5.7	4.4	6.9	3.8	8.6	82
PM _{2.5} 19 to 4	6.7	6.2	5.1	8.0	4.0	21.8	252

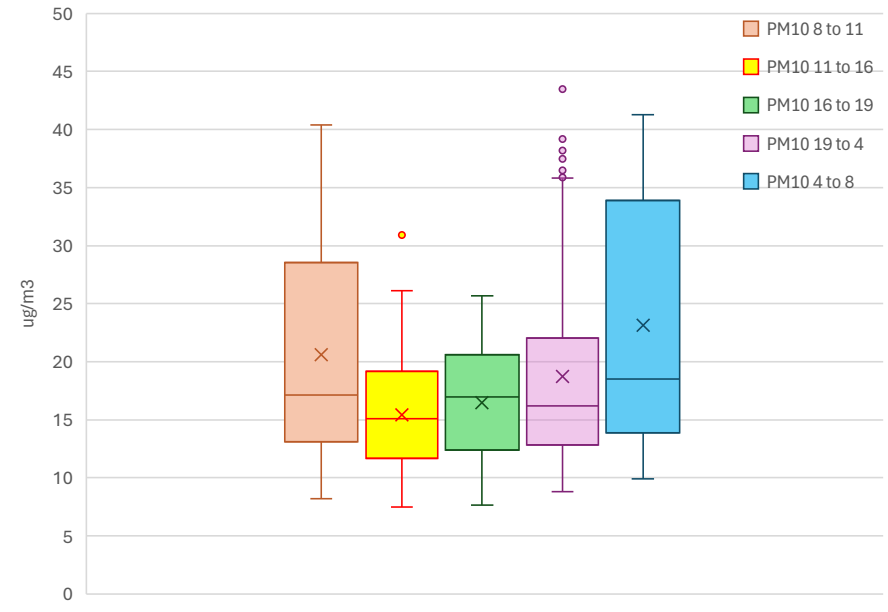
Hourly concentration distribution

PM₁ hourly distribution



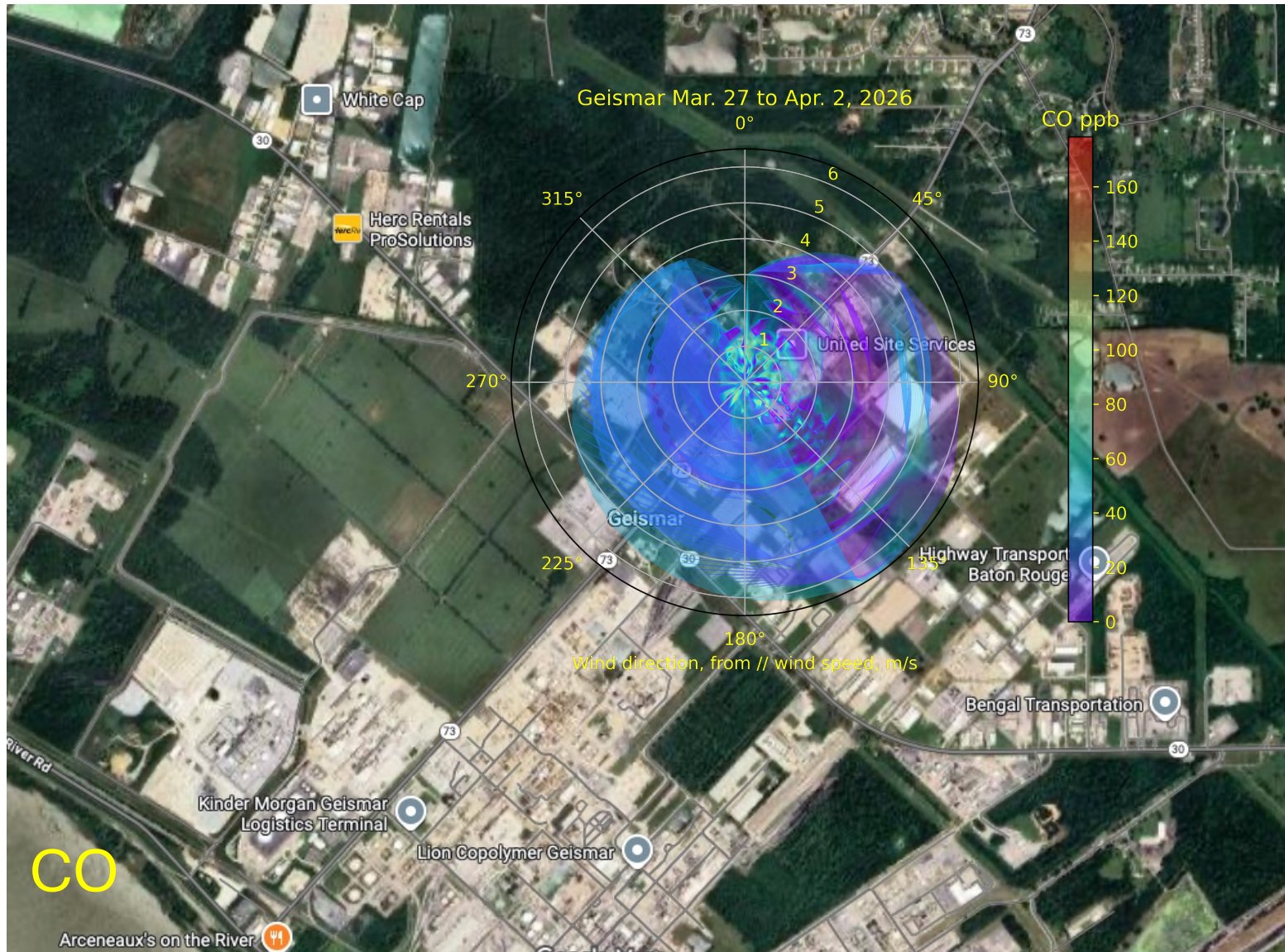
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	0.6	0.7	0.3	1.0	-0.7	2.5	112
PM ₁ 8 to 11	0.5	0.4	-0.2	1.0	-0.9	4.6	84
PM ₁ 11 to 16	-0.3	-0.5	-0.8	-0.1	-1.0	1.3	140
PM ₁ 16 to 19	-0.2	-0.4	-0.7	0.4	-1.0	1.1	82
PM ₁ 19 to 4	0.1	-0.3	-0.6	0.8	-1.0	8.0	252

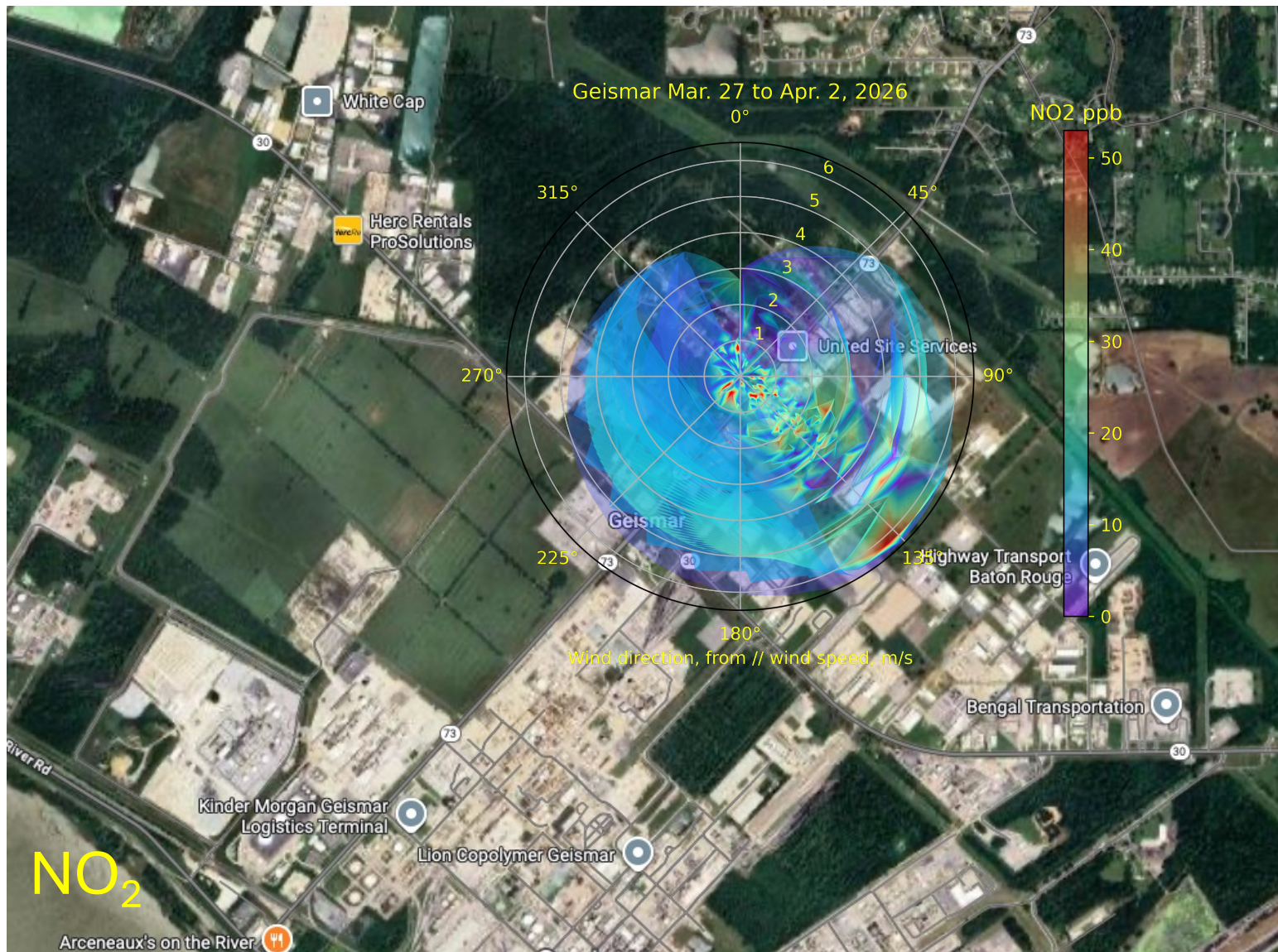
PM₁₀ hourly distribution

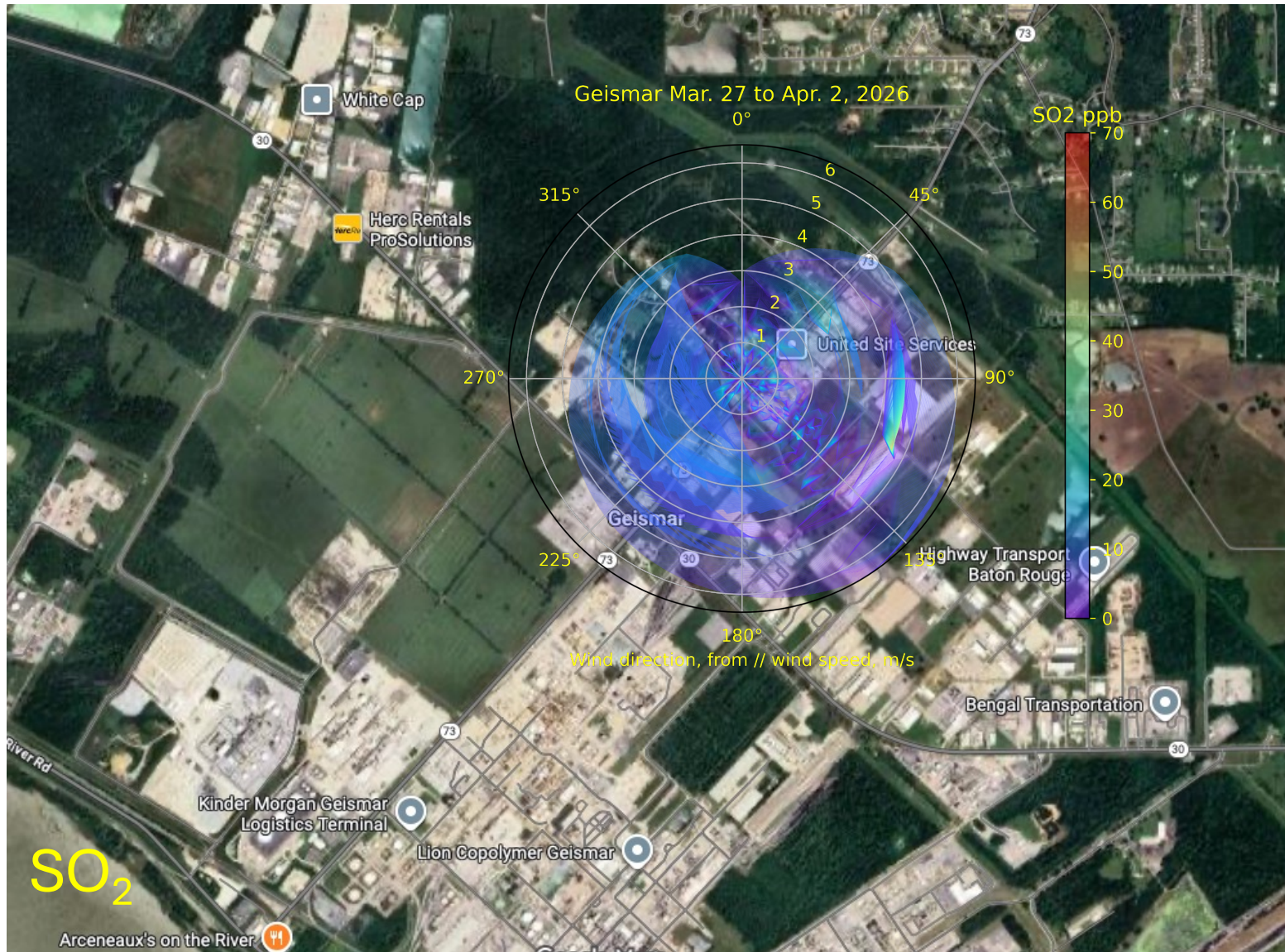


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	23.1	18.5	13.9	33.9	9.9	41.3	112
PM ₁₀ 8 to 11	20.6	17.2	13.1	28.6	8.2	40.4	84
PM ₁₀ 11 to 16	15.4	15.1	11.7	19.2	7.5	30.9	140
PM ₁₀ 16 to 19	16.5	17.0	12.4	20.6	7.7	25.7	82
PM ₁₀ 19 to 4	18.7	16.2	12.8	22.1	8.8	43.5	252

PM₁ data is not referenced and calibrated against regulatory monitor

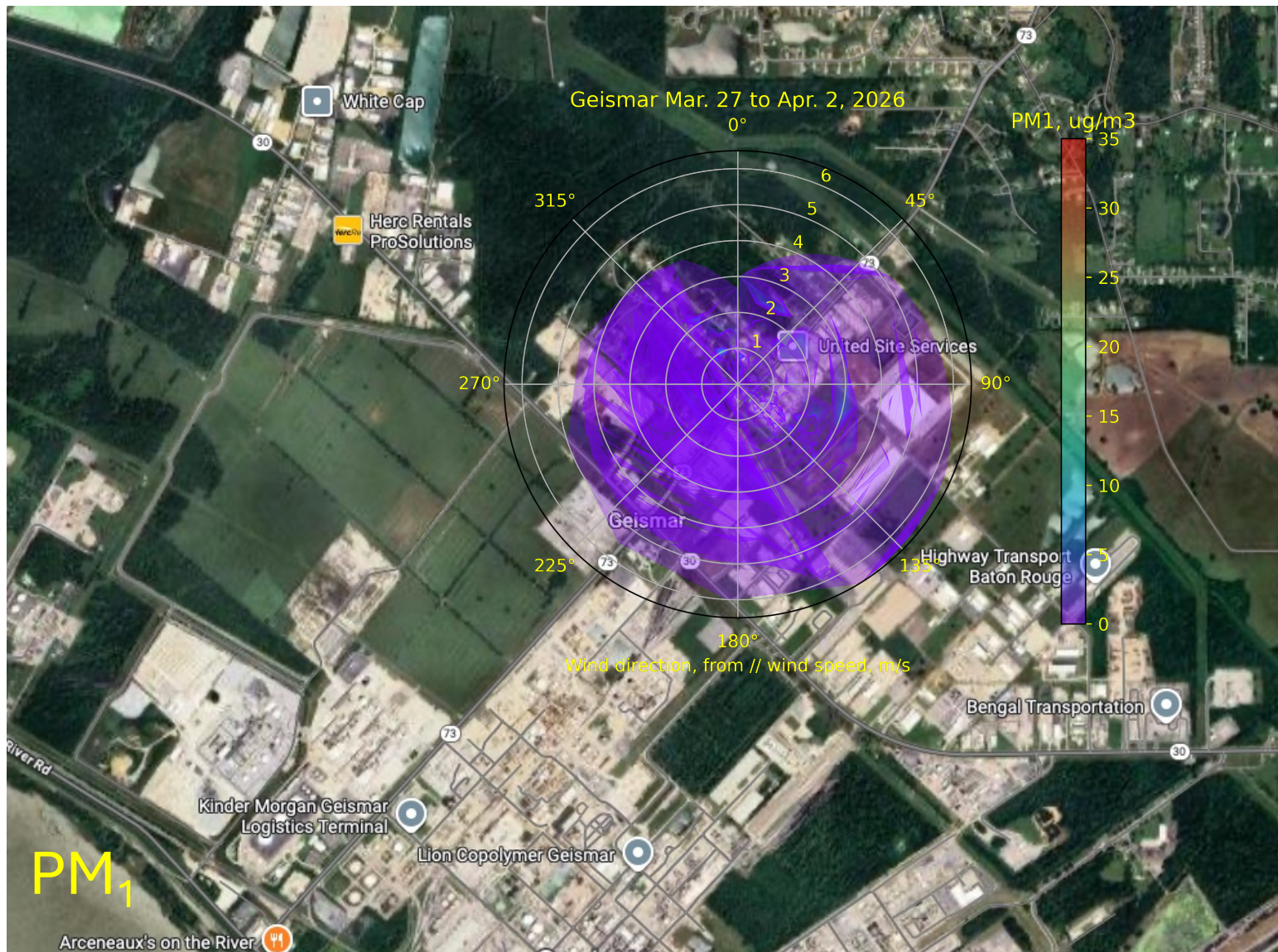


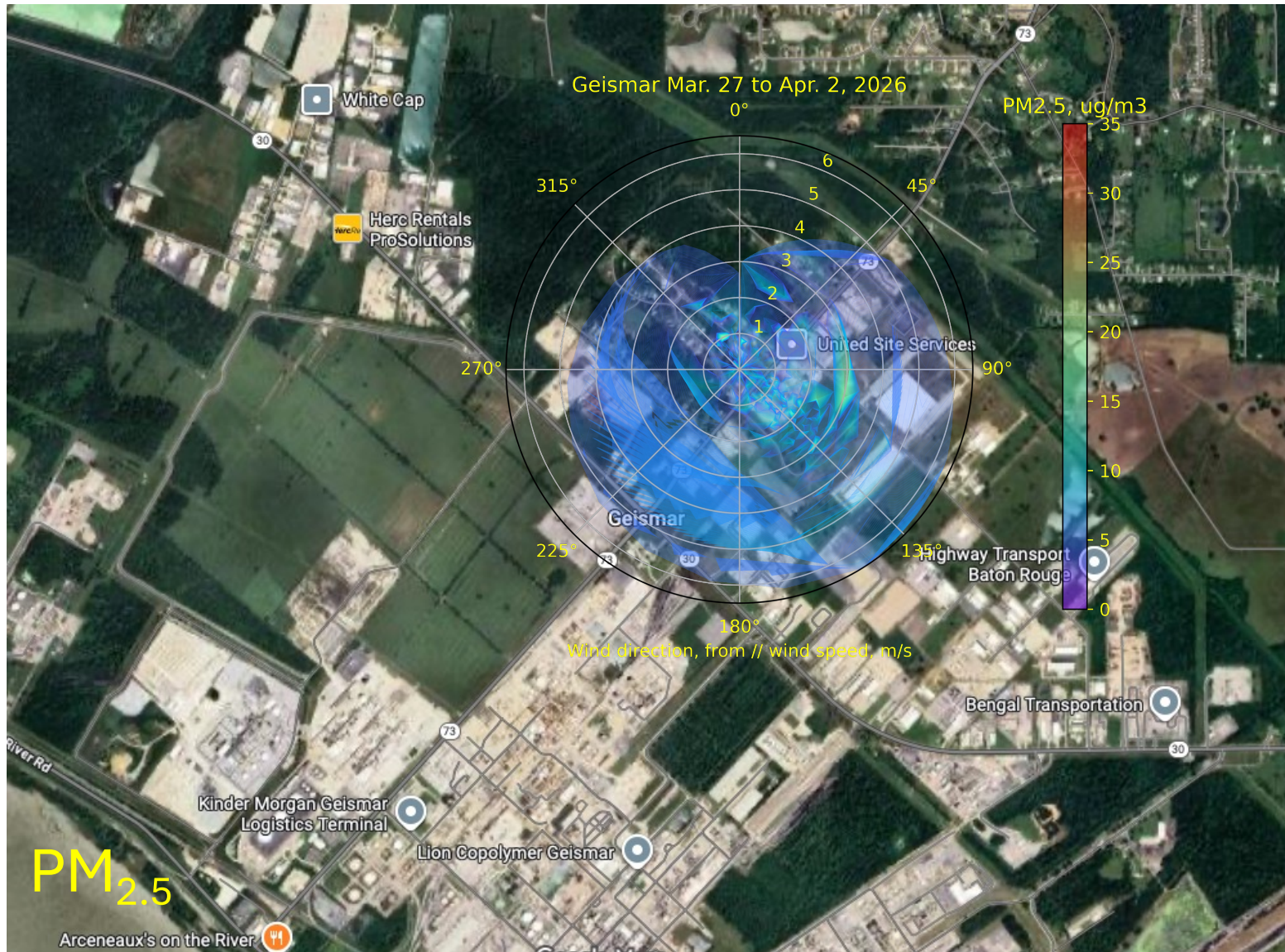


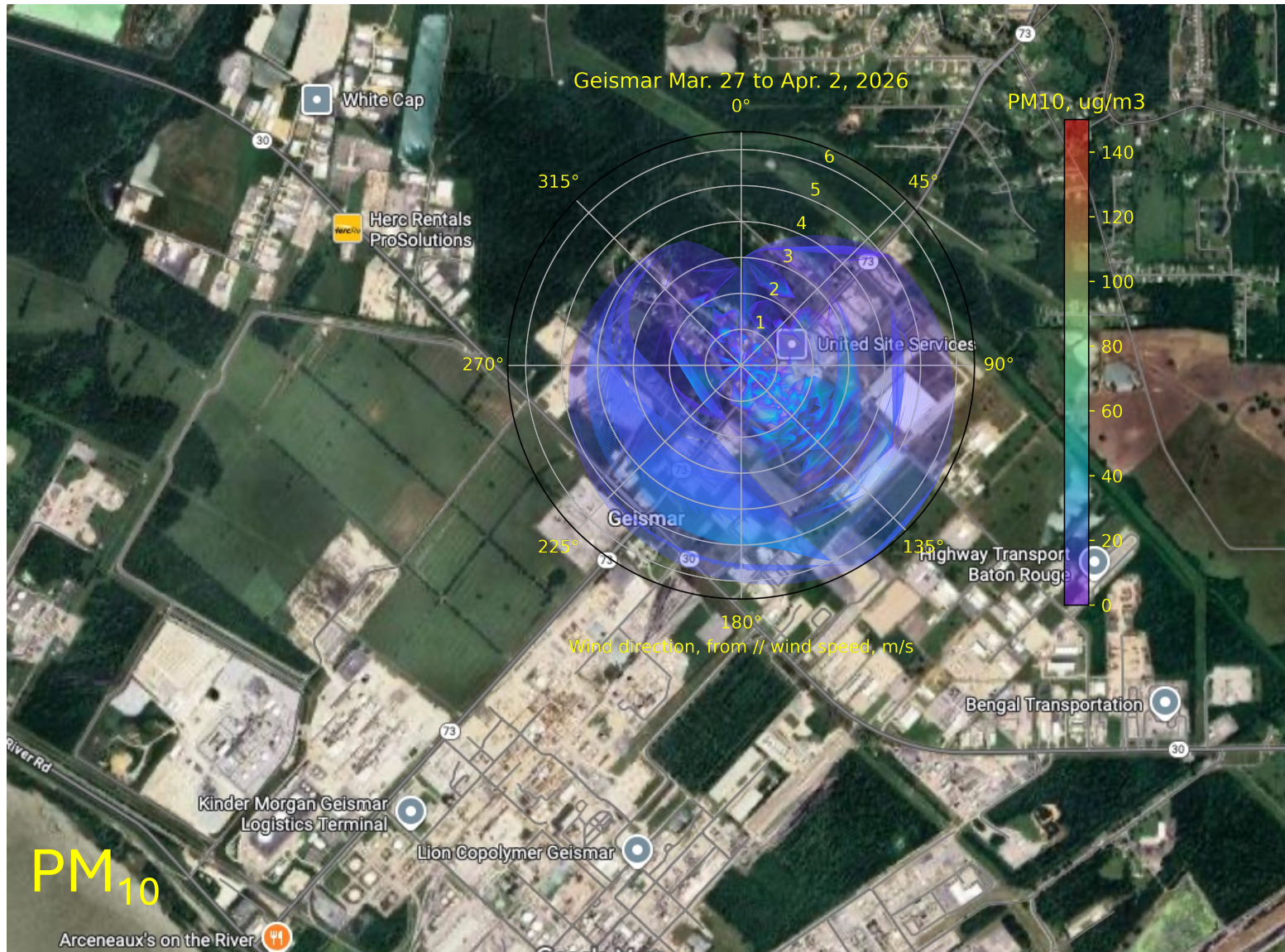












GEISMAR POD

3/27-4/2

- No major air pollution events

