

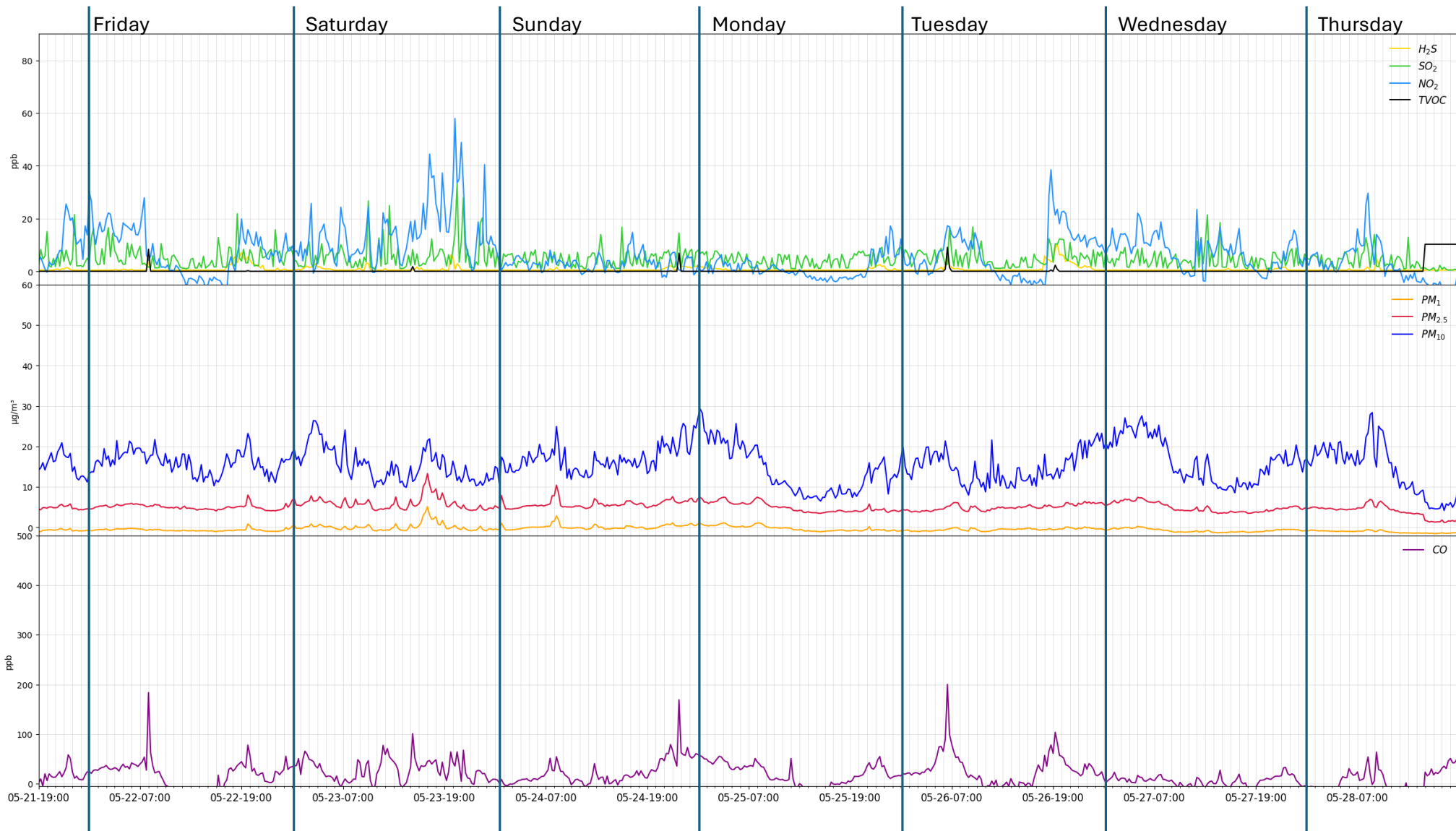
Geismar POD

May 22 – May 28, 2026

Disclaimer

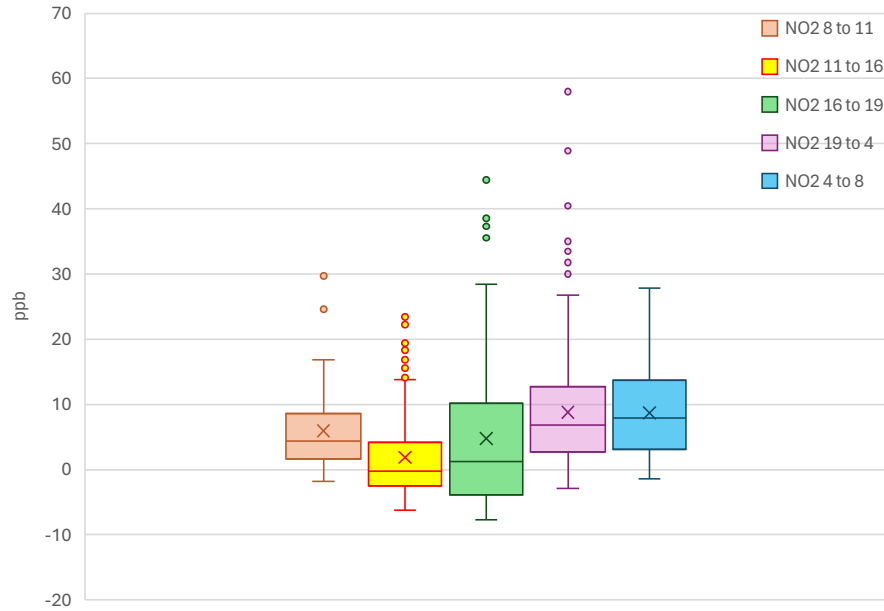
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



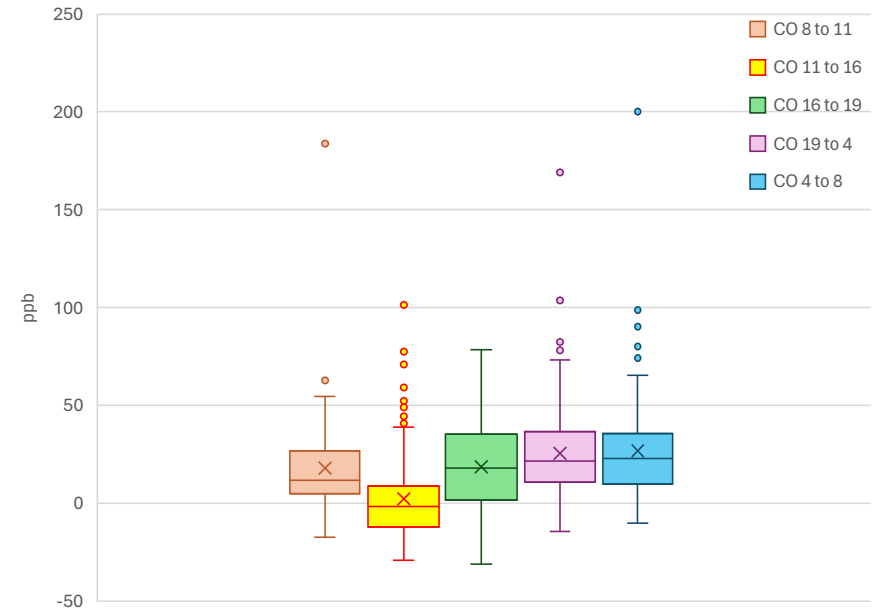
Hourly concentration distribution

NO₂ hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	8.7	8.0	3.1	13.7	-1.4	27.9	112
NO ₂ 8 to 11	5.9	4.4	1.7	8.6	-1.9	29.7	84
NO ₂ 11 to 16	1.9	-0.3	-2.5	4.1	-6.3	23.5	140
NO ₂ 16 to 19	4.8	1.3	-3.9	10.2	-7.7	44.5	84
NO ₂ 19 to 4	8.8	6.8	2.7	12.8	-2.9	57.9	252

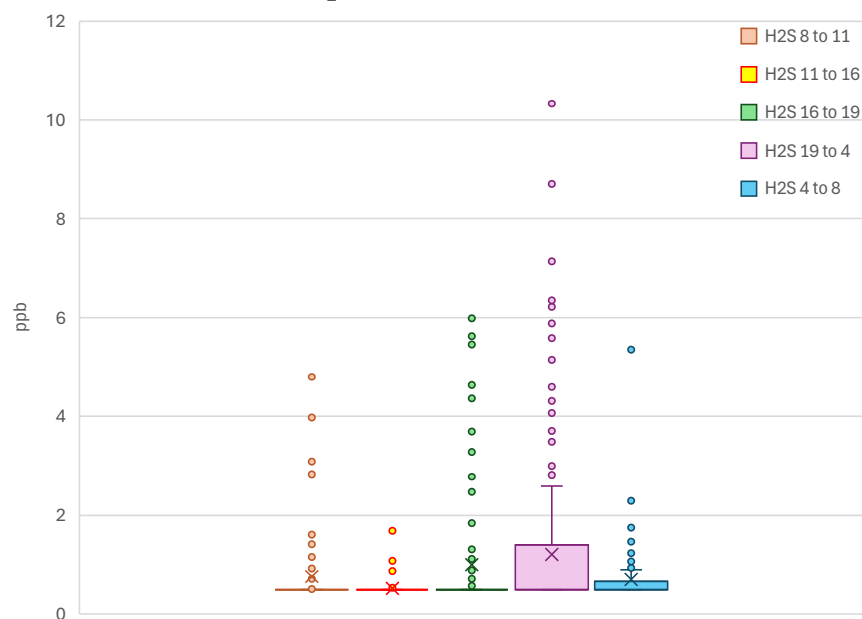
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	26.7	22.9	9.7	35.5	-10.1	200.2	112
CO 8 to 11	17.8	11.8	4.7	26.9	-17.3	183.7	84
CO 11 to 16	2.2	-1.8	-12.1	8.6	-29.1	101.2	140
CO 16 to 19	18.6	17.9	1.5	35.2	-31.3	78.3	84
CO 19 to 4	25.6	21.7	10.5	36.5	-14.4	169.1	252

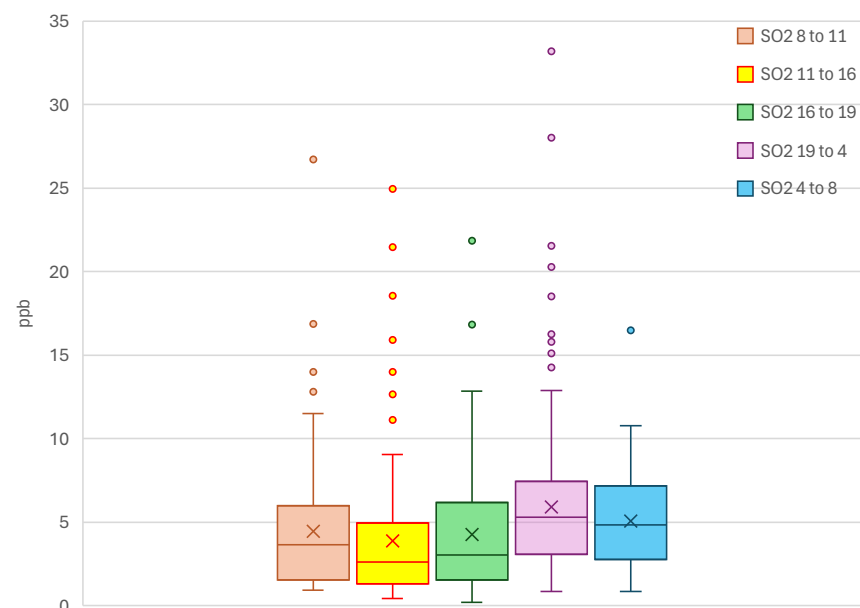
Hourly concentration distribution

H₂S hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	0.7	0.5	0.5	0.7	0.5	5.4	112
H ₂ S 8 to 11	0.8	0.5	0.5	0.5	0.5	4.8	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	1.0	0.5	0.5	0.5	0.5	6.0	84
H ₂ S 19 to 4	1.2	0.5	0.5	1.4	0.5	10.3	252

SO₂ hourly distribution

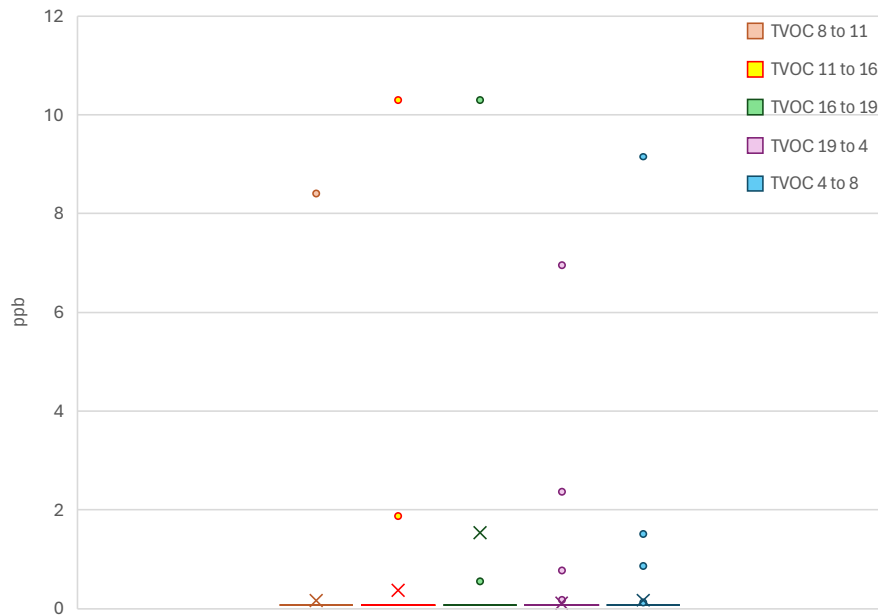


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	5.1	4.8	2.8	7.2	0.9	16.5	112
SO ₂ 8 to 11	4.5	3.7	1.6	6.0	0.9	26.7	84
SO ₂ 11 to 16	3.9	2.6	1.3	4.9	0.5	25.0	140
SO ₂ 16 to 19	4.3	3.0	1.5	6.2	0.2	21.8	84
SO ₂ 19 to 4	5.9	5.3	3.1	7.5	0.9	33.2	252

H₂S data is not referenced and calibrated against regulatory monitor

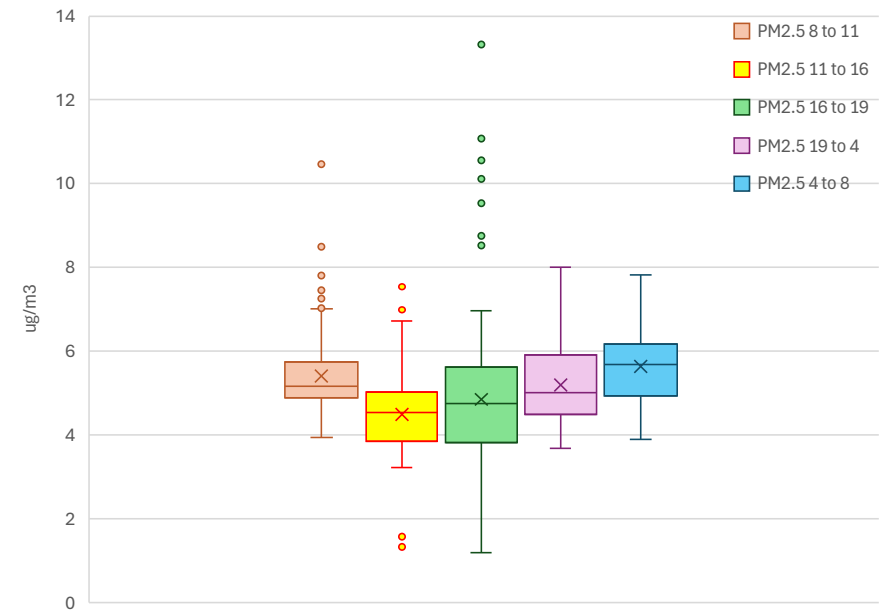
Hourly concentration distribution

TVOC hourly distribution



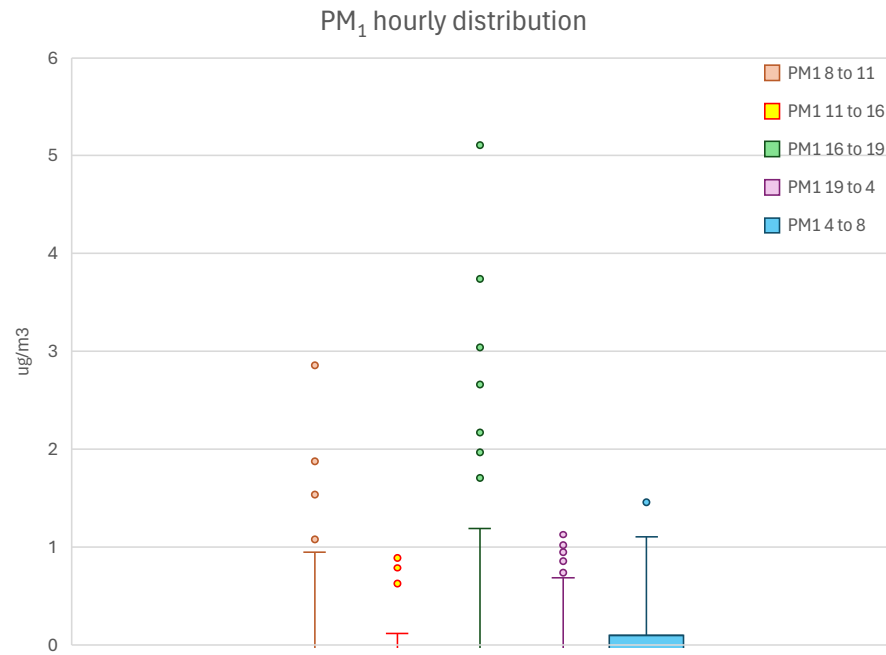
ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	0.2	0.1	0.1	0.1	0.1	9.2	112
TVOC 8 to 11	0.2	0.1	0.1	0.1	0.1	8.4	84
TVOC 11 to 16	0.4	0.1	0.1	0.1	0.1	10.3	140
TVOC 16 to 19	1.5	0.1	0.1	0.1	0.1	10.3	84
TVOC 19 to 4	0.1	0.1	0.1	0.1	0.1	7.0	252

PM_{2.5} hourly distribution

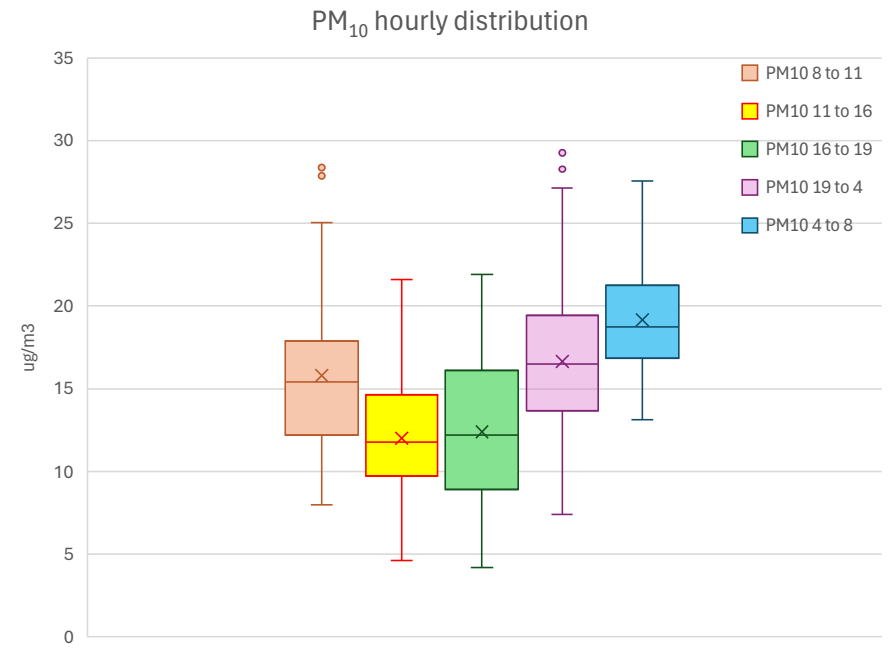


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	5.6	5.7	4.9	6.2	3.9	7.8	112
PM _{2.5} 8 to 11	5.4	5.2	4.9	5.7	3.9	10.5	84
PM _{2.5} 11 to 16	4.5	4.5	3.9	5.0	1.3	7.5	140
PM _{2.5} 16 to 19	4.9	4.8	3.8	5.6	1.2	13.3	84
PM _{2.5} 19 to 4	5.2	5.0	4.5	5.9	3.7	8.0	252

Hourly concentration distribution

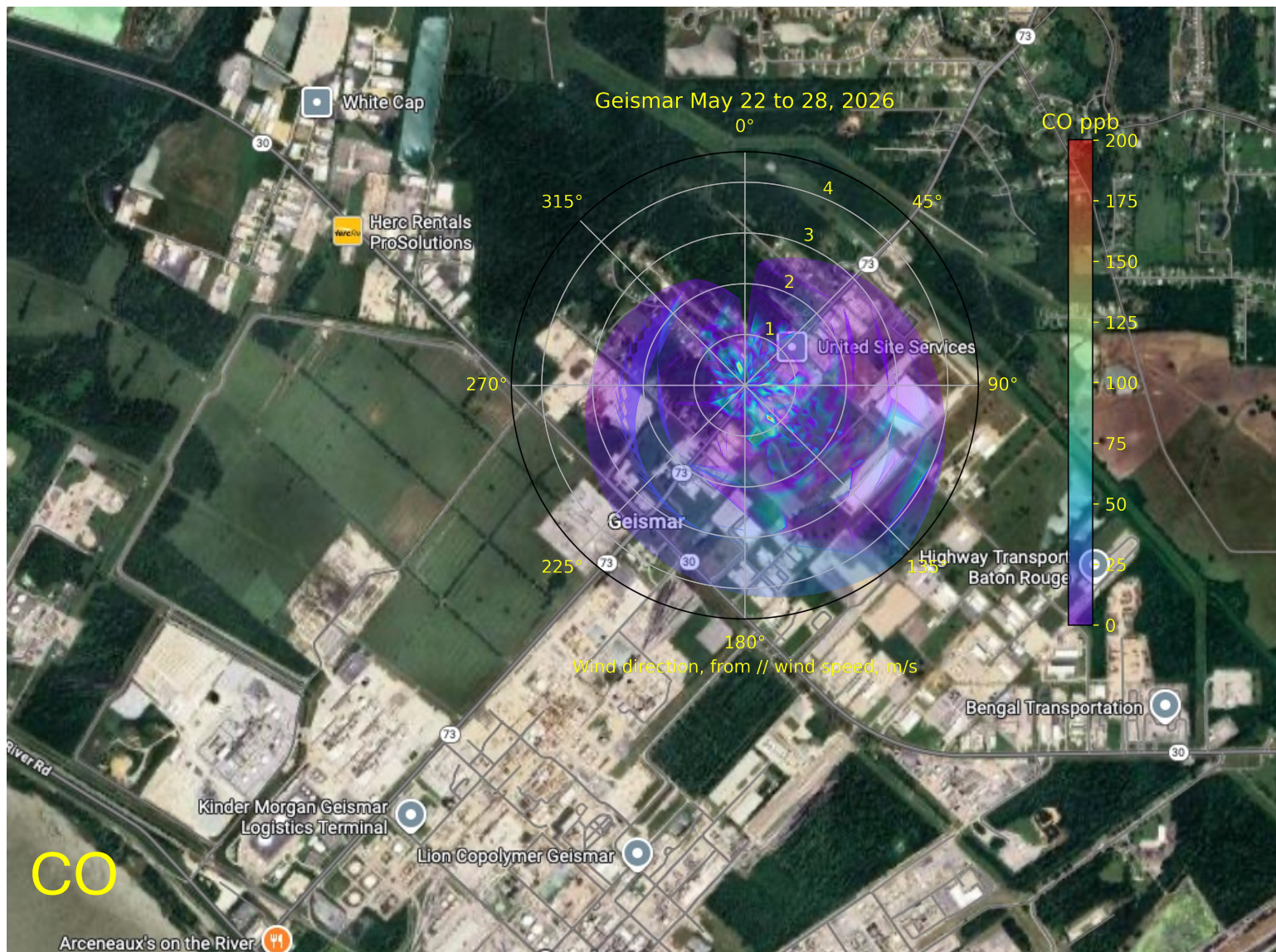


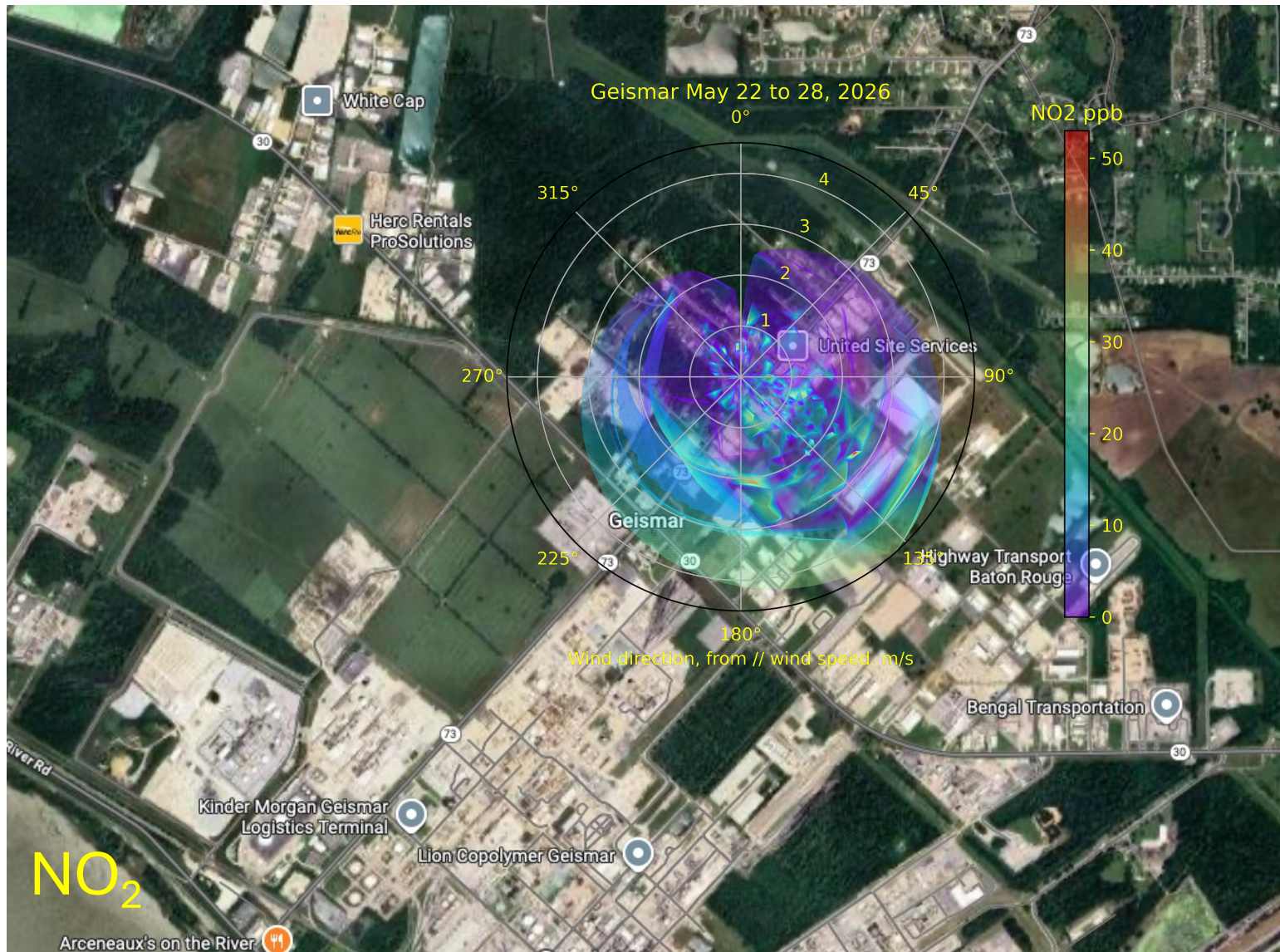
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	-0.2	-0.3	-0.6	0.1	-1.0	1.5	112
PM ₁ 8 to 11	-0.3	-0.6	-0.8	-0.1	-1.2	2.9	84
PM ₁ 11 to 16	-0.7	-0.8	-1.1	-0.4	-1.5	0.9	140
PM ₁ 16 to 19	-0.3	-0.7	-1.1	-0.1	-1.5	5.1	84
PM ₁ 19 to 4	-0.4	-0.5	-0.7	-0.2	-1.1	1.1	252

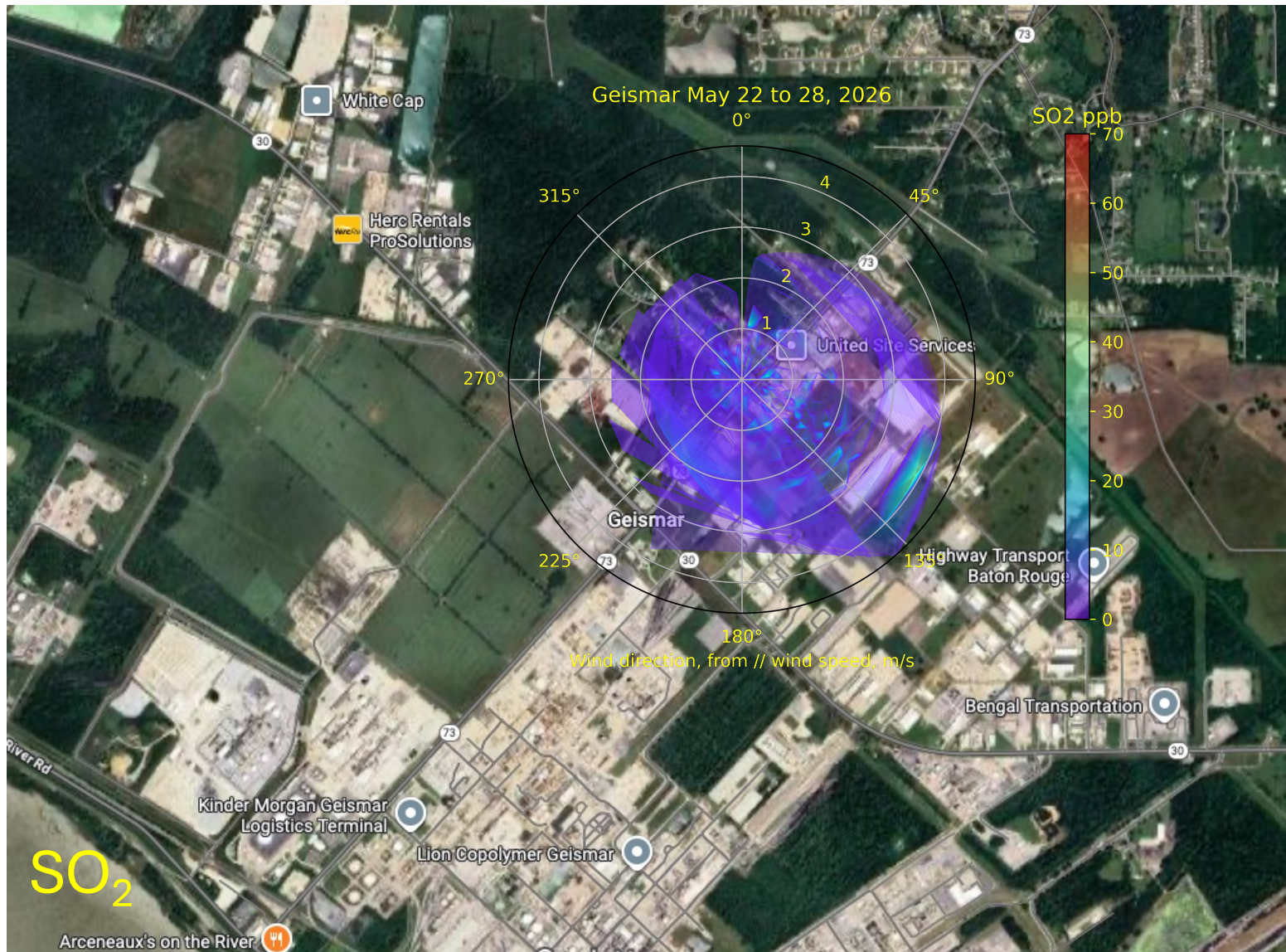


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	19.1	18.7	16.9	21.3	13.1	27.6	112
PM ₁₀ 8 to 11	15.8	15.4	12.2	17.9	8.0	28.4	84
PM ₁₀ 11 to 16	12.0	11.8	9.7	14.6	4.6	21.6	140
PM ₁₀ 16 to 19	12.4	12.2	8.9	16.1	4.2	21.9	84
PM ₁₀ 19 to 4	16.7	16.5	13.6	19.5	7.4	29.3	252

PM₁ data is not referenced and calibrated against regulatory monitor

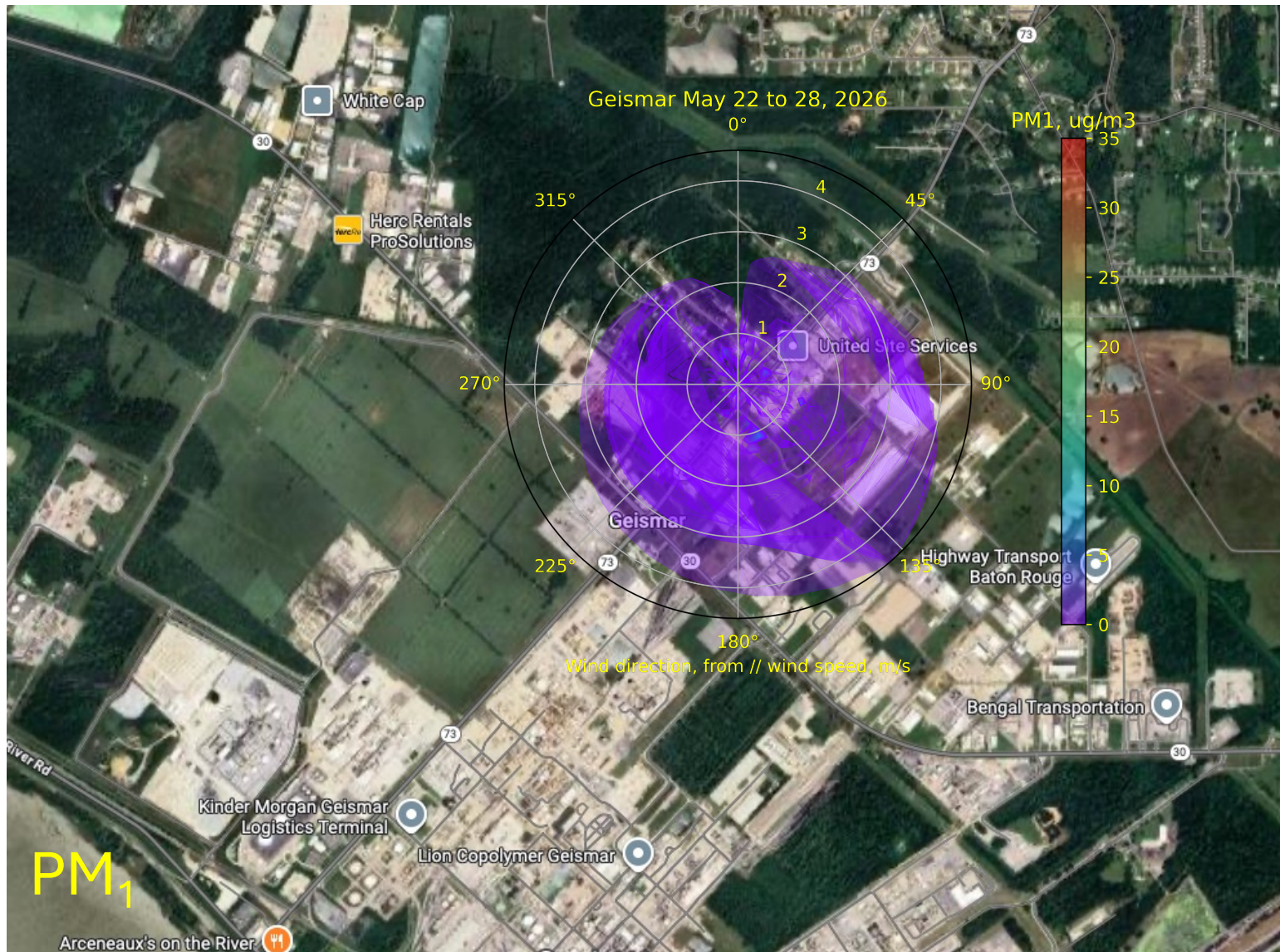


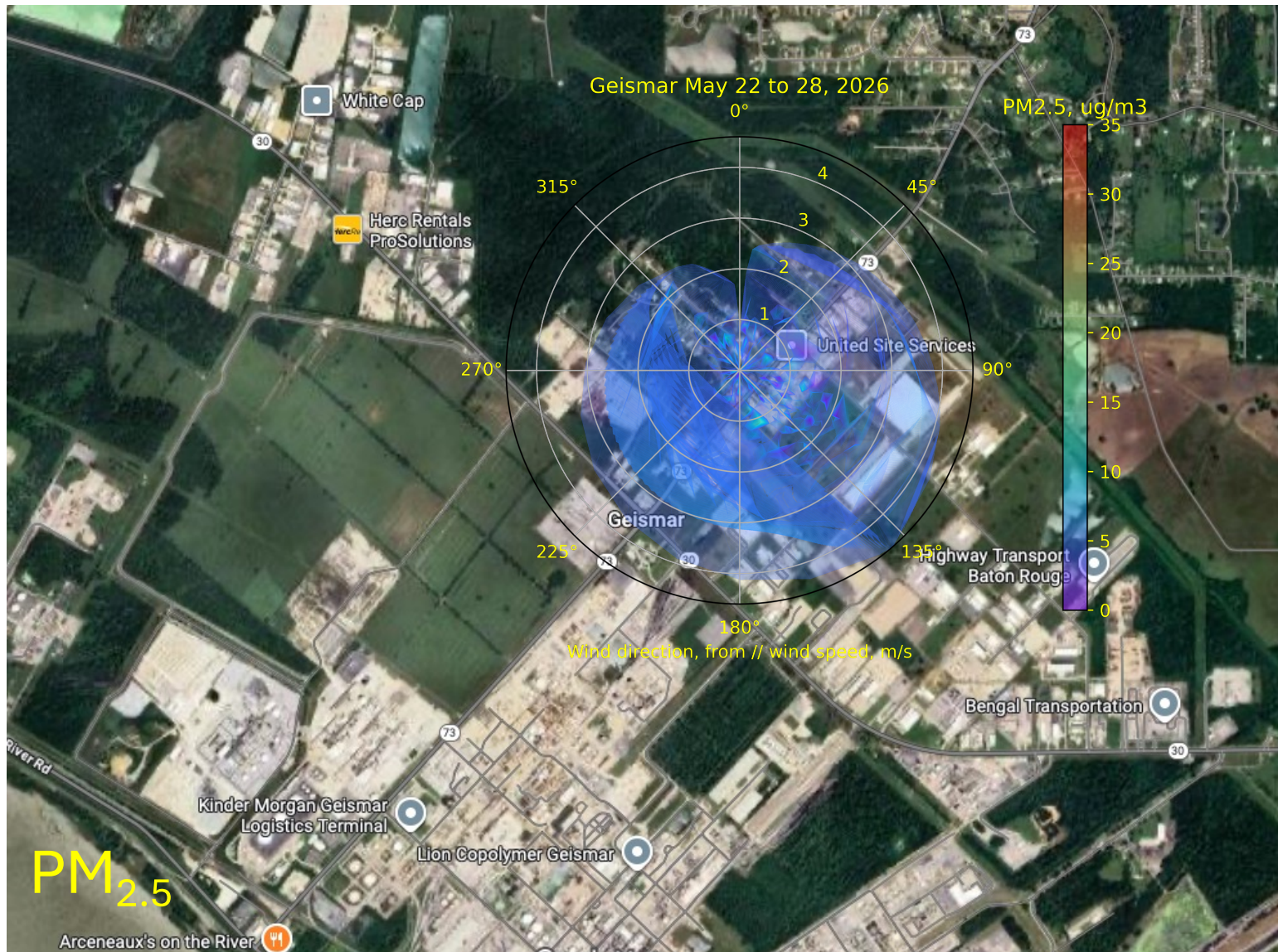


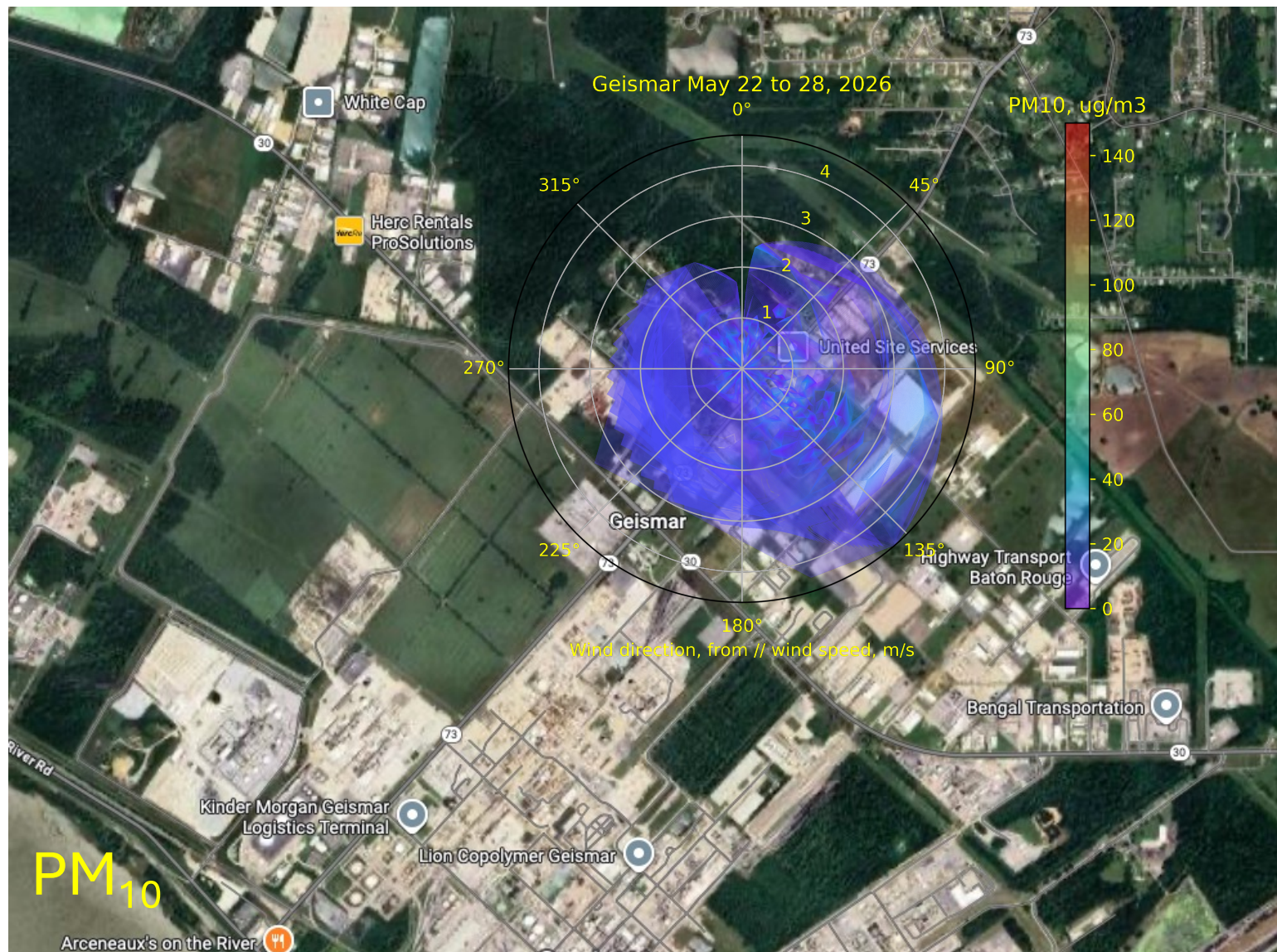












GEISMAR POD

5/22-5/28

- No major air pollution events

