

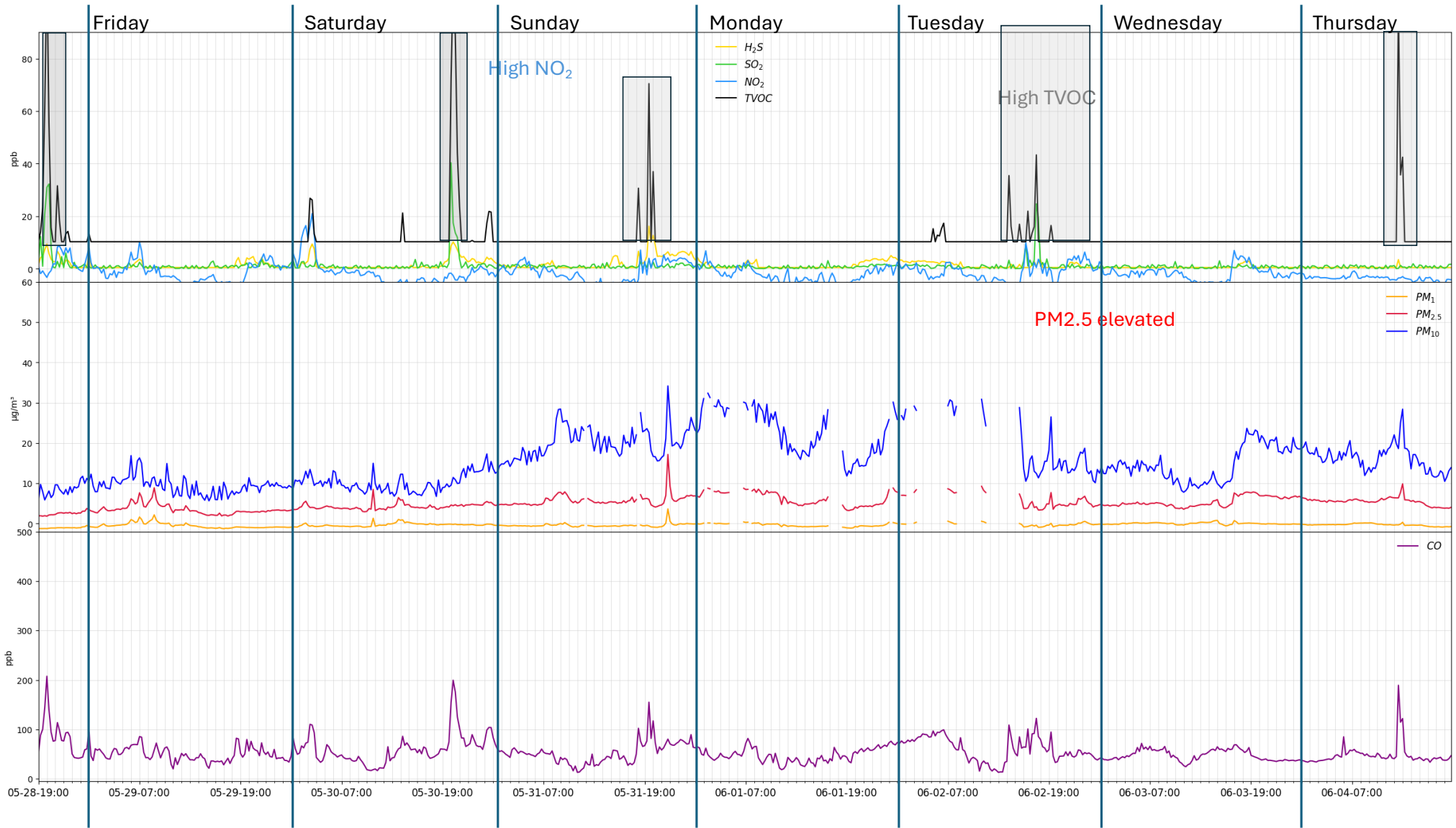
Geismar POD

May 29 – June 4, 2026

Disclaimer

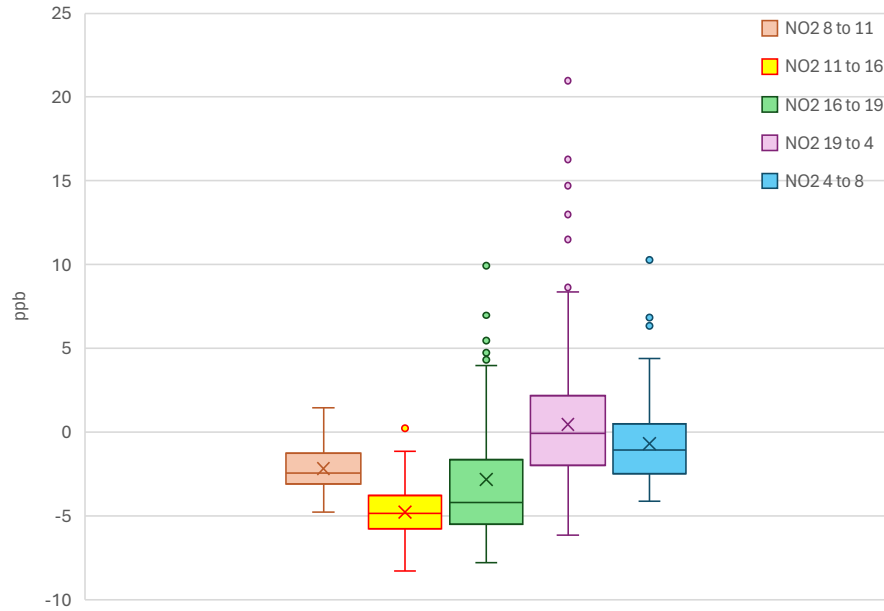
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



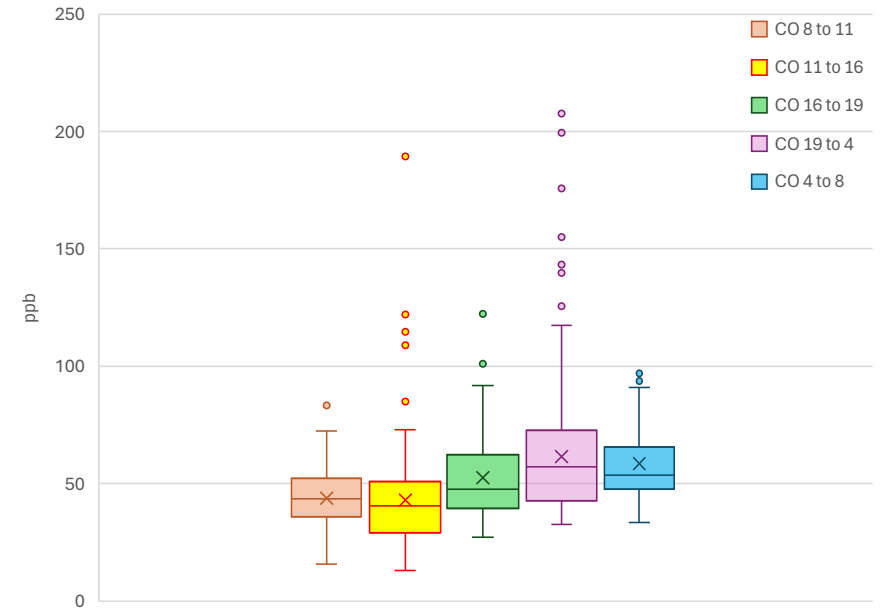
Hourly concentration distribution

NO₂ hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	-0.7	-1.1	-2.5	0.5	-4.1	10.3	112
NO ₂ 8 to 11	-2.1	-2.4	-3.1	-1.2	-4.8	1.5	84
NO ₂ 11 to 16	-4.8	-4.8	-5.8	-3.8	-8.3	0.2	140
NO ₂ 16 to 19	-2.8	-4.2	-5.5	-1.6	-7.8	10.0	84
NO ₂ 19 to 4	0.5	-0.1	-2.0	2.3	-6.1	21.0	252

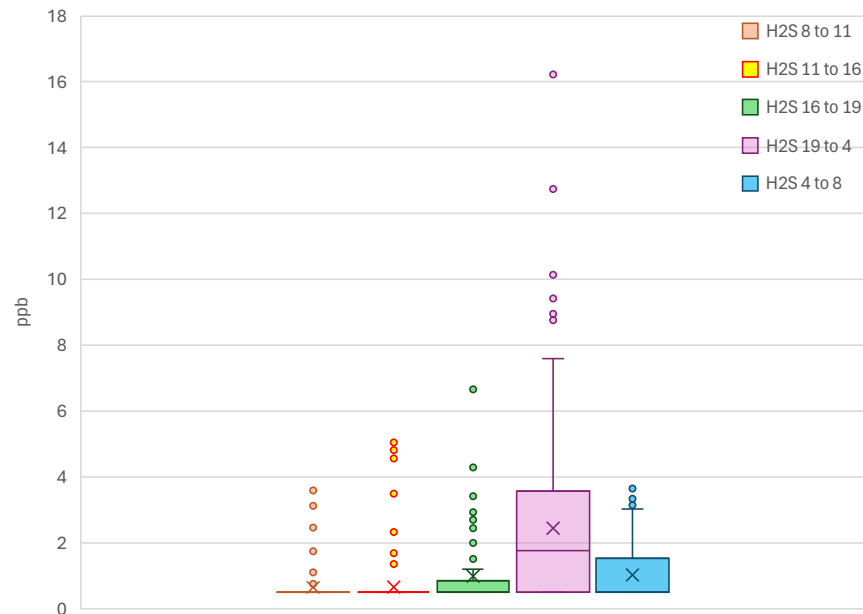
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	58.5	53.6	47.6	65.6	33.5	99.4	112
CO 8 to 11	43.8	43.6	35.8	52.3	15.6	83.3	84
CO 11 to 16	43.0	40.4	29.0	50.9	13.1	189.3	140
CO 16 to 19	52.5	47.5	39.3	62.3	27.2	122.4	84
CO 19 to 4	61.5	57.0	42.6	72.7	32.6	207.5	252

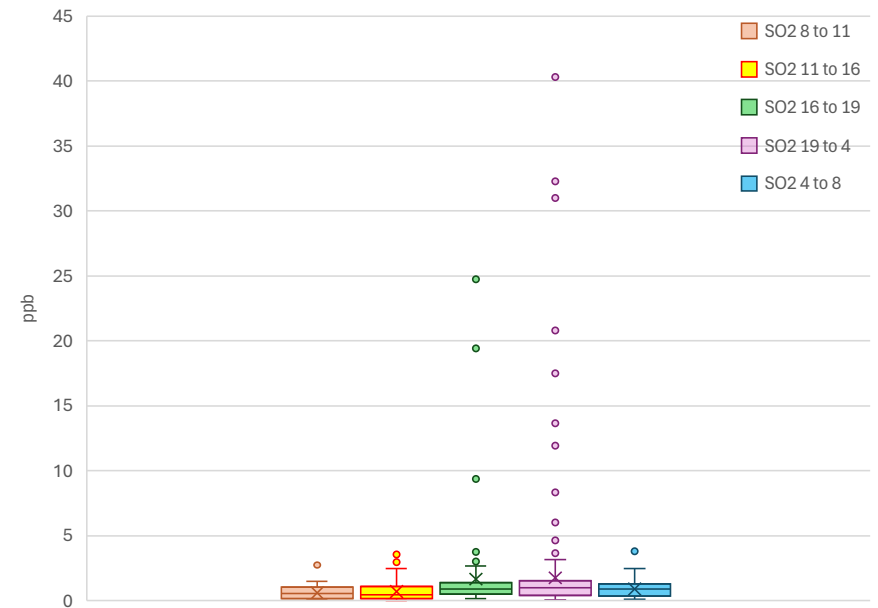
Hourly concentration distribution

H₂S hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	1.0	0.5	0.5	1.5	0.5	3.7	112
H ₂ S 8 to 11	0.7	0.5	0.5	0.5	0.5	3.6	84
H ₂ S 11 to 16	0.7	0.5	0.5	0.5	0.5	5.1	140
H ₂ S 16 to 19	1.0	0.5	0.5	1.0	0.5	6.7	84
H ₂ S 19 to 4	2.4	1.8	0.5	3.6	0.5	16.2	252

SO₂ hourly distribution

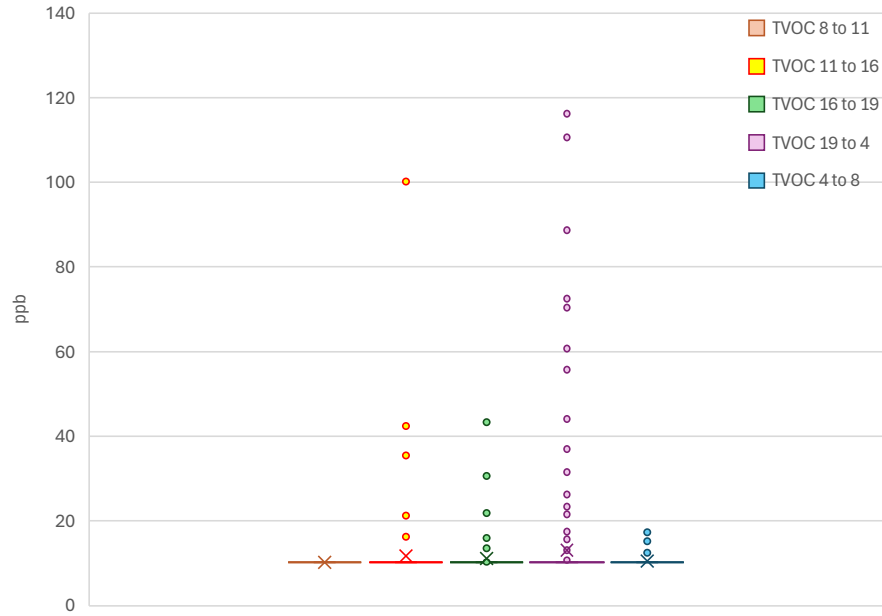


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	0.9	0.9	0.4	1.3	0.1	3.8	112
SO ₂ 8 to 11	0.6	0.5	0.1	1.1	0.1	2.8	84
SO ₂ 11 to 16	0.7	0.4	0.2	1.1	0.0	3.6	140
SO ₂ 16 to 19	1.7	0.9	0.5	1.4	0.2	24.7	84
SO ₂ 19 to 4	1.8	1.0	0.4	1.5	0.1	40.3	252

H₂S data is not referenced and calibrated against regulatory monitor

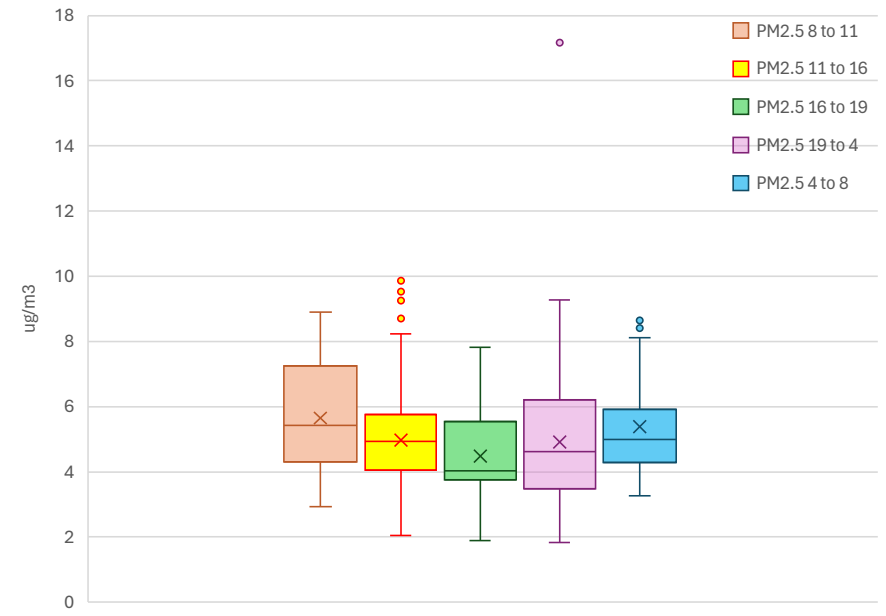
Hourly concentration distribution

TVOC hourly distribution



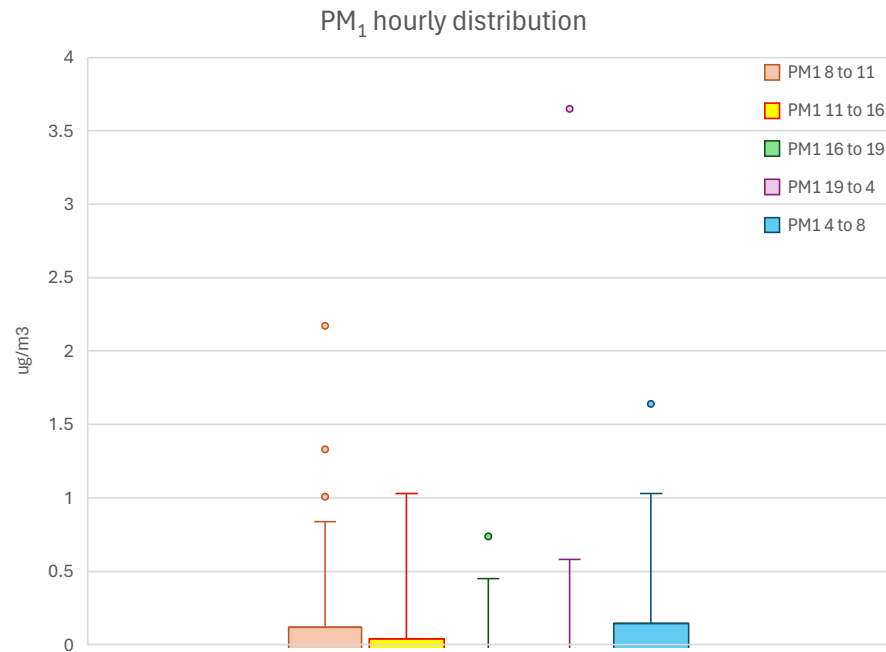
ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	10.5	10.3	10.3	10.3	10.3	17.4	112
TVOC 8 to 11	10.3	10.3	10.3	10.3	10.3	10.3	84
TVOC 11 to 16	11.7	10.3	10.3	10.3	10.3	100.2	140
TVOC 16 to 19	11.2	10.3	10.3	10.3	10.3	43.3	84
TVOC 19 to 4	13.1	10.3	10.3	10.3	10.3	116.2	252

PM_{2.5} hourly distribution

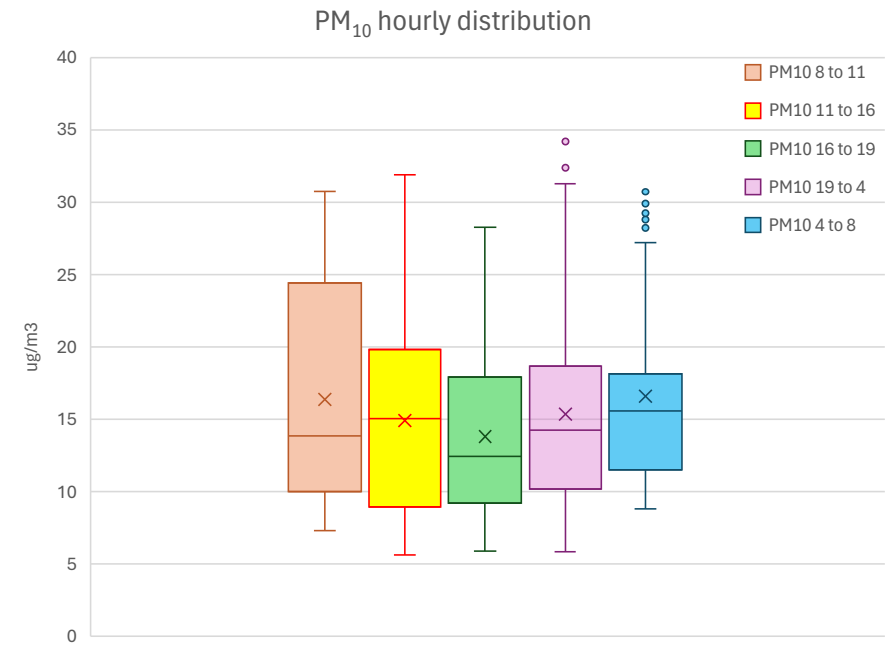


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	5.4	5.0	4.3	5.9	3.3	8.8	96
PM _{2.5} 8 to 11	5.7	5.4	4.3	7.2	2.9	8.9	73
PM _{2.5} 11 to 16	5.0	4.9	4.1	5.8	2.0	9.9	127
PM _{2.5} 16 to 19	4.5	4.0	3.8	5.6	1.9	7.8	77
PM _{2.5} 19 to 4	4.9	4.6	3.5	6.2	1.8	17.2	244

Hourly concentration distribution

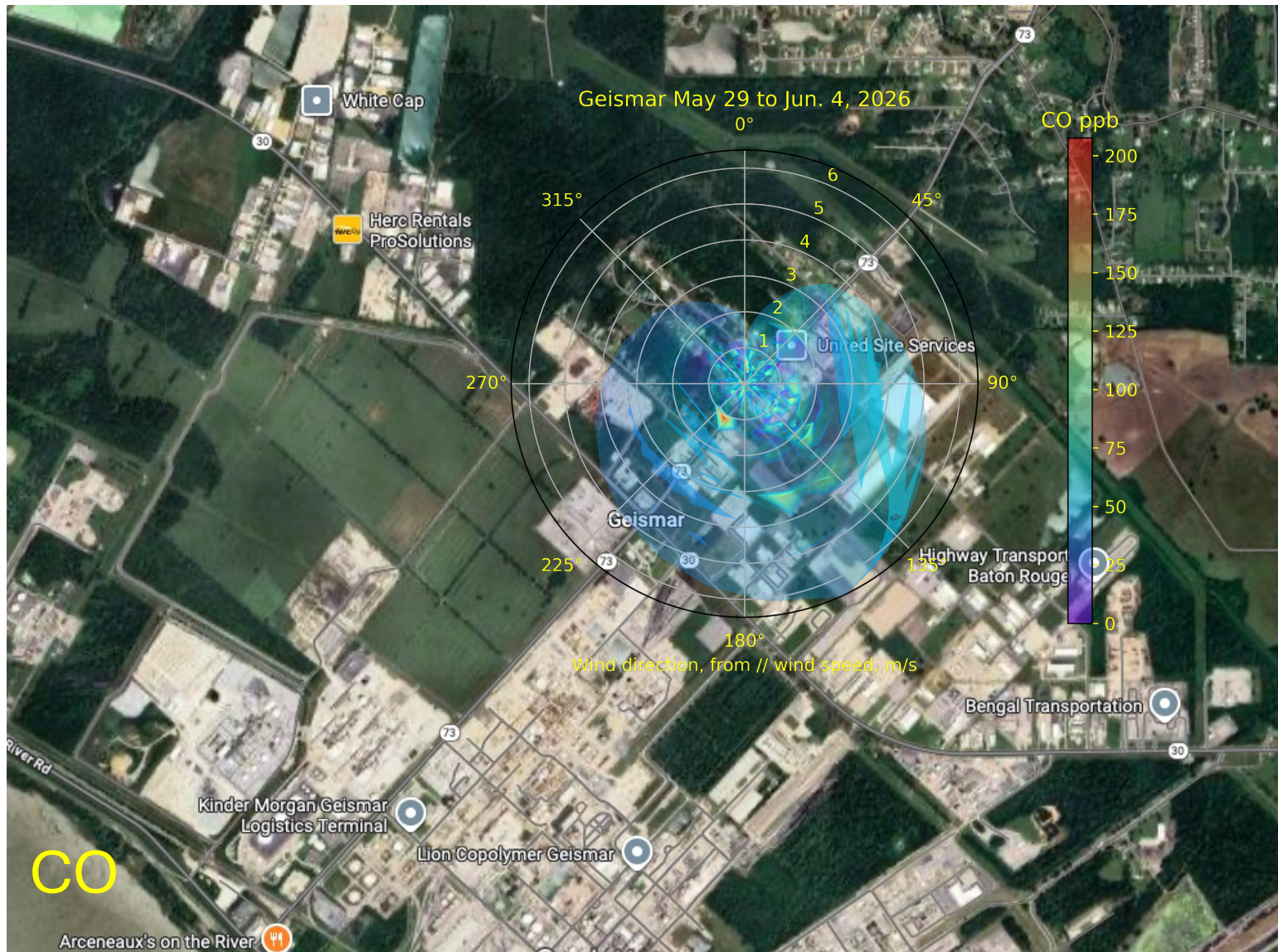


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	-0.1	-0.1	-0.5	0.1	-0.7	1.6	96
PM ₁ 8 to 11	-0.1	-0.1	-0.4	0.1	-0.9	2.2	73
PM ₁ 11 to 16	-0.3	-0.4	-0.7	0.0	-1.1	1.0	127
PM ₁ 16 to 19	-0.5	-0.6	-0.8	-0.3	-1.3	0.7	77
PM ₁ 19 to 4	-0.4	-0.4	-0.8	-0.1	-1.3	3.7	244



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	16.6	15.6	11.5	18.1	8.8	30.7	96
PM ₁₀ 8 to 11	16.4	13.9	10.0	24.4	7.3	30.8	73
PM ₁₀ 11 to 16	14.9	15.1	8.9	19.8	5.7	31.9	127
PM ₁₀ 16 to 19	13.8	12.5	9.2	17.9	5.9	28.3	77
PM ₁₀ 19 to 4	15.4	14.3	10.2	18.7	5.9	34.2	244

PM₁ data is not referenced and calibrated against regulatory monitor

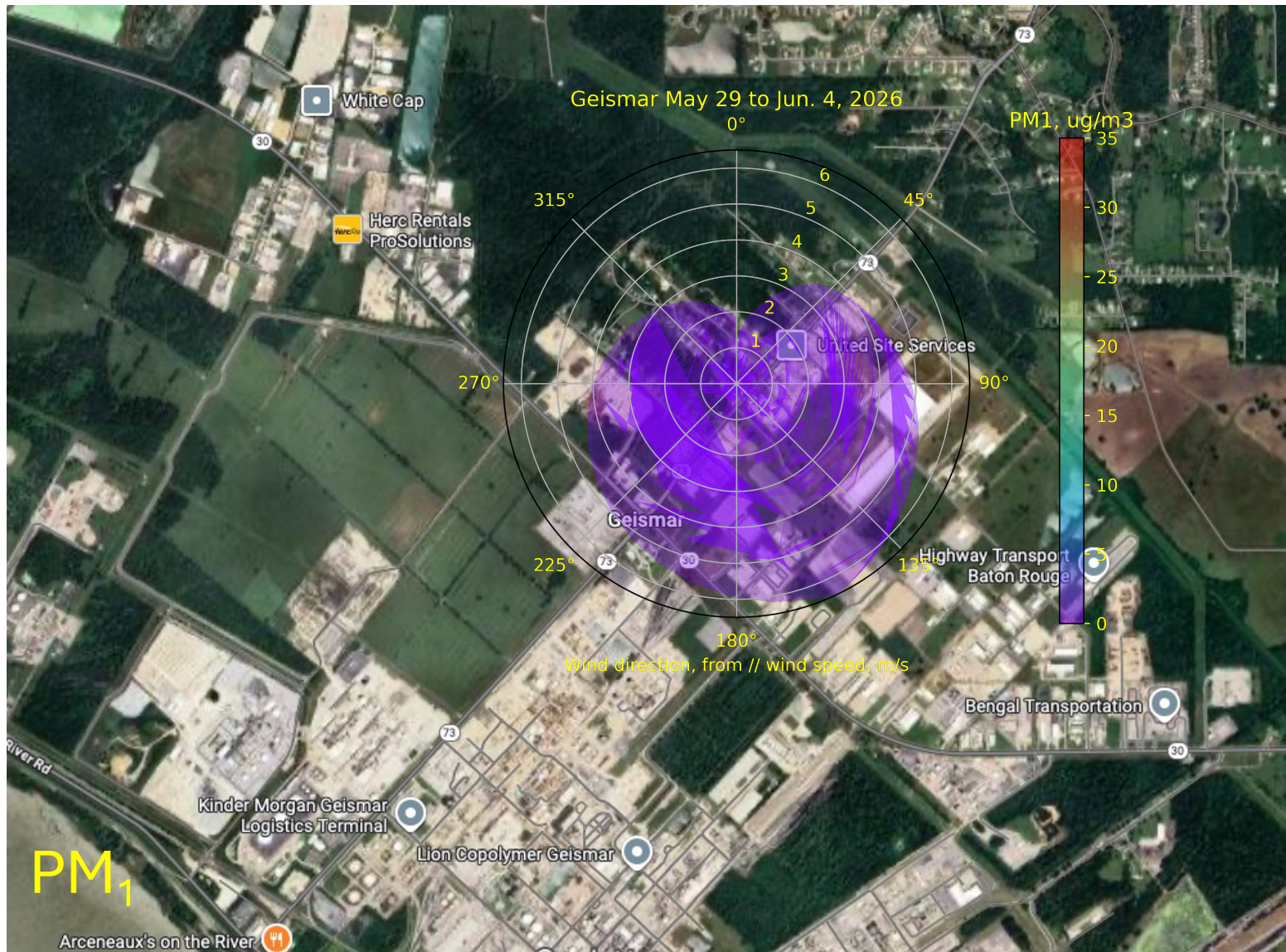


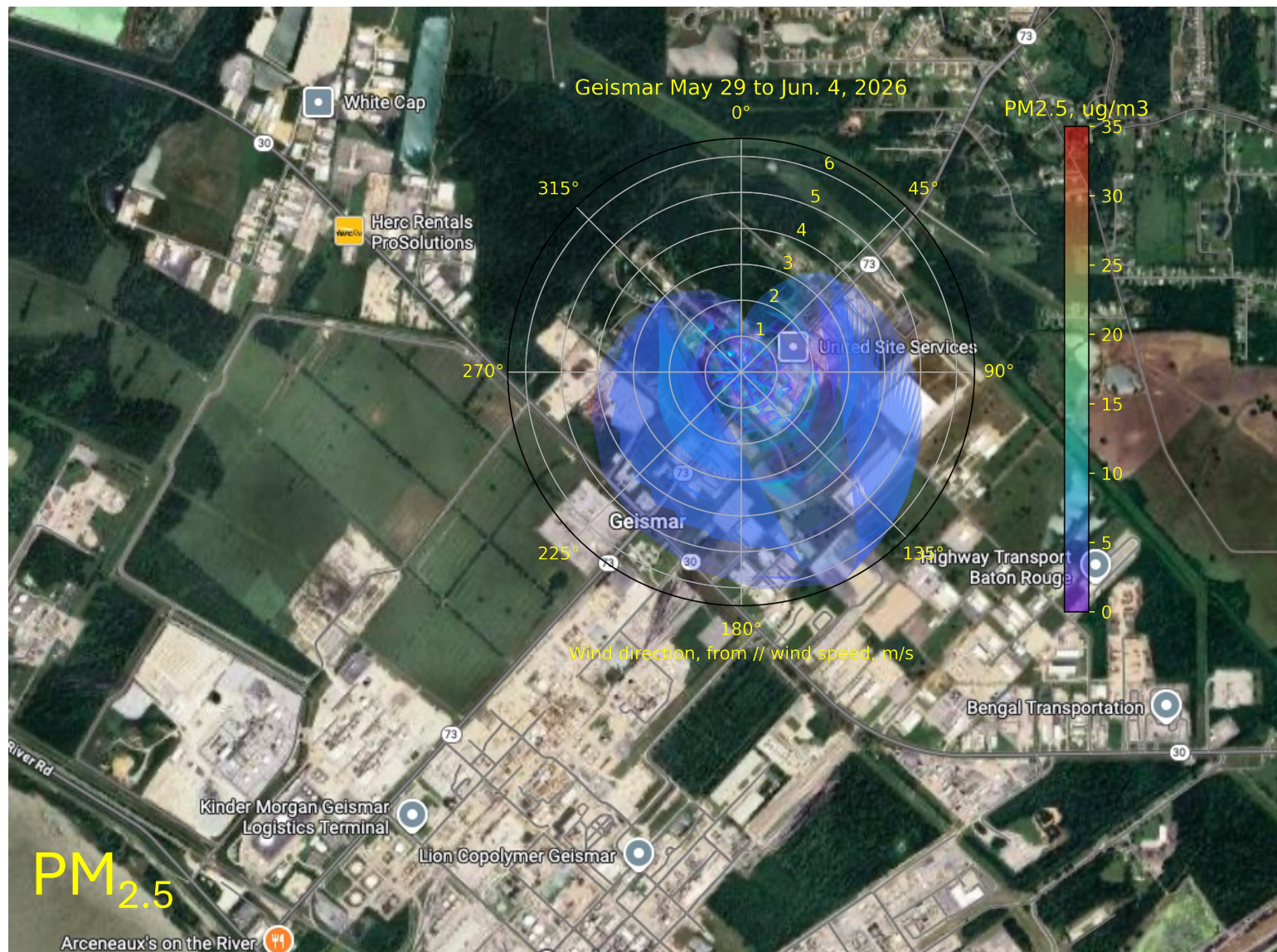


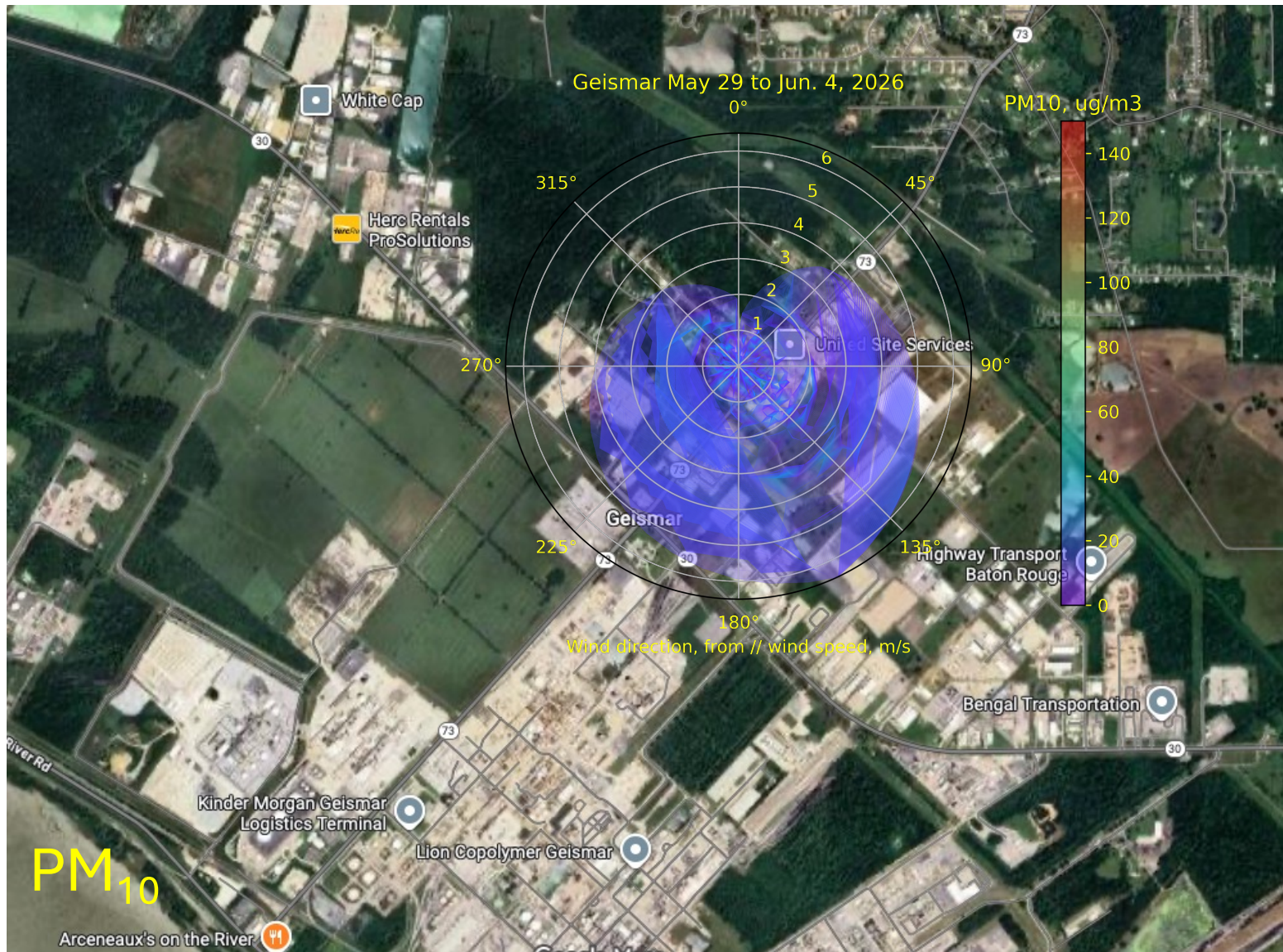












GEISMAR POD

5/29-6/4

- Occasional elevation of TVOCs from South-West and South-East directions.

