

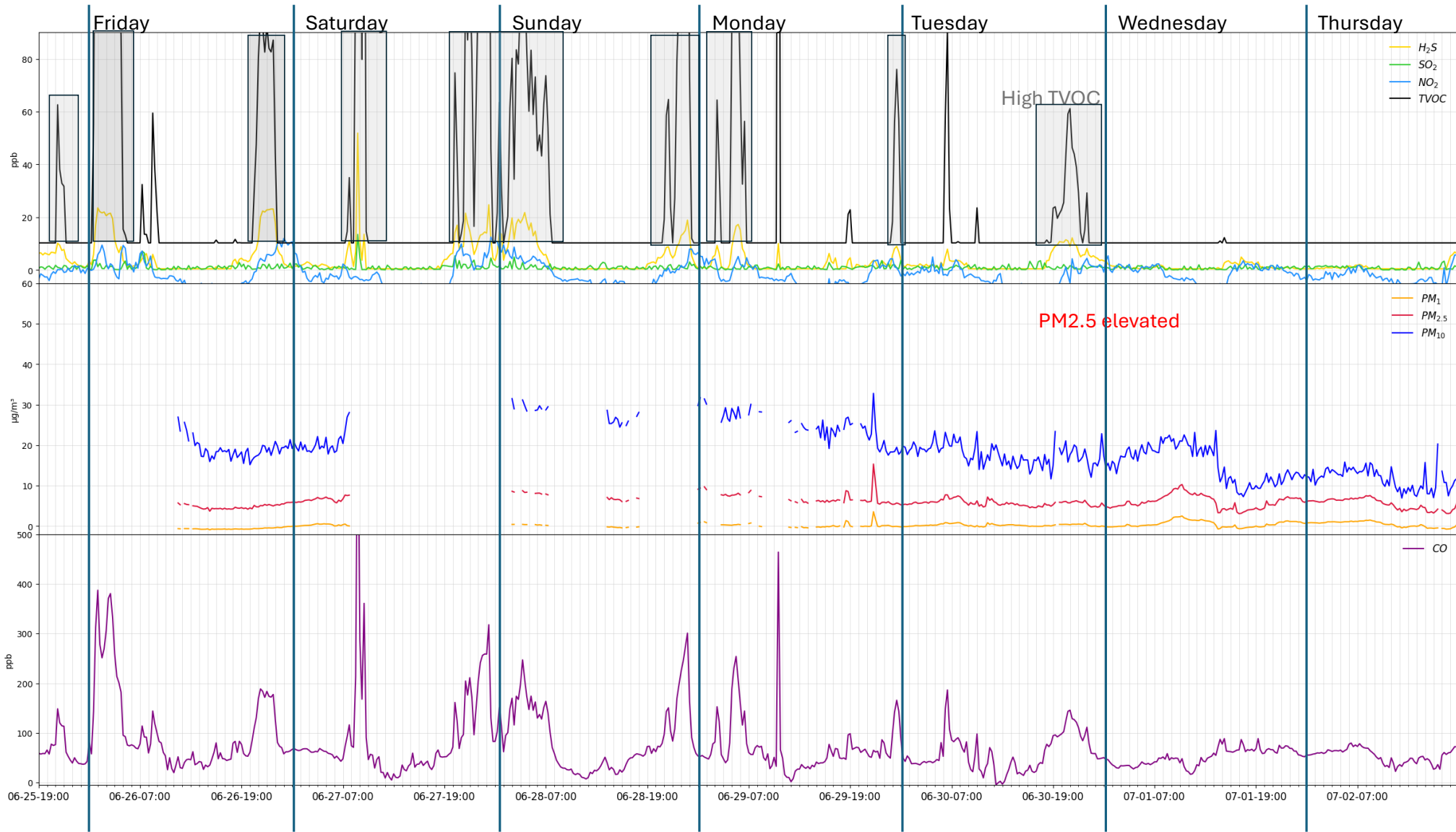
Geismar POD

June 26 – July 2, 2026

Disclaimer

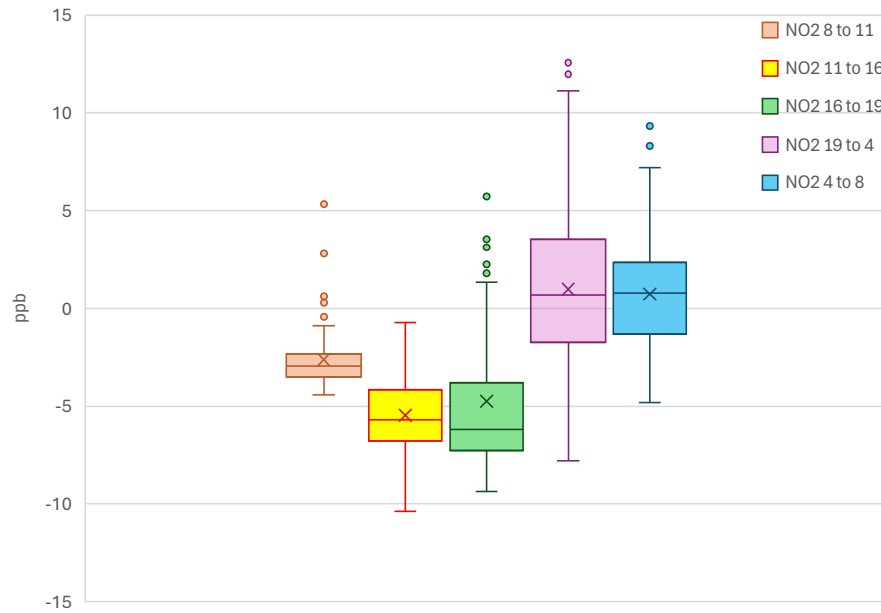
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



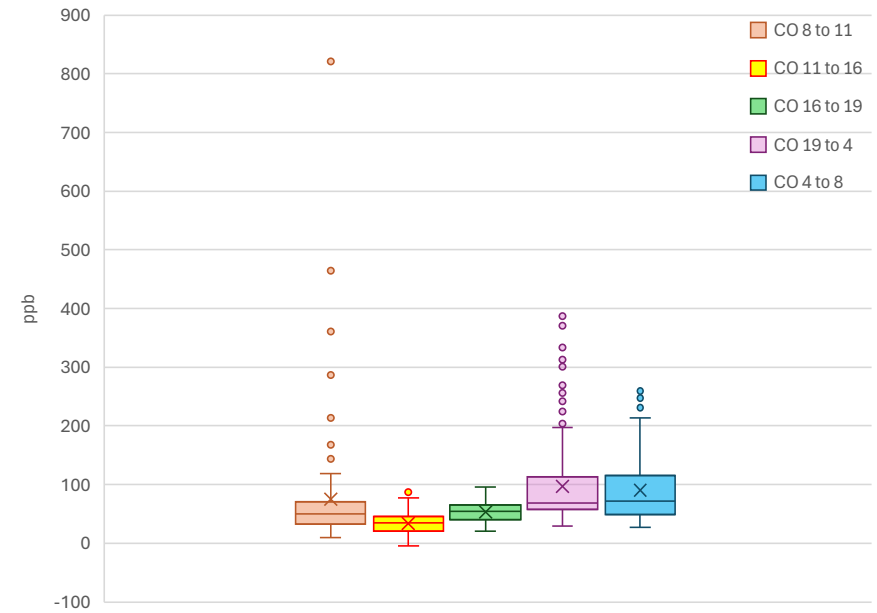
Hourly concentration distribution

NO₂ hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	0.7	0.8	-1.3	2.4	-4.8	9.3	112
NO ₂ 8 to 11	-2.6	-2.9	-3.5	-2.3	-4.4	5.3	84
NO ₂ 11 to 16	-5.5	-5.7	-6.8	-4.2	-10.4	-0.7	140
NO ₂ 16 to 19	-4.7	-6.2	-7.3	-3.8	-9.4	5.7	84
NO ₂ 19 to 4	1.0	0.7	-1.8	3.6	-7.8	12.6	252

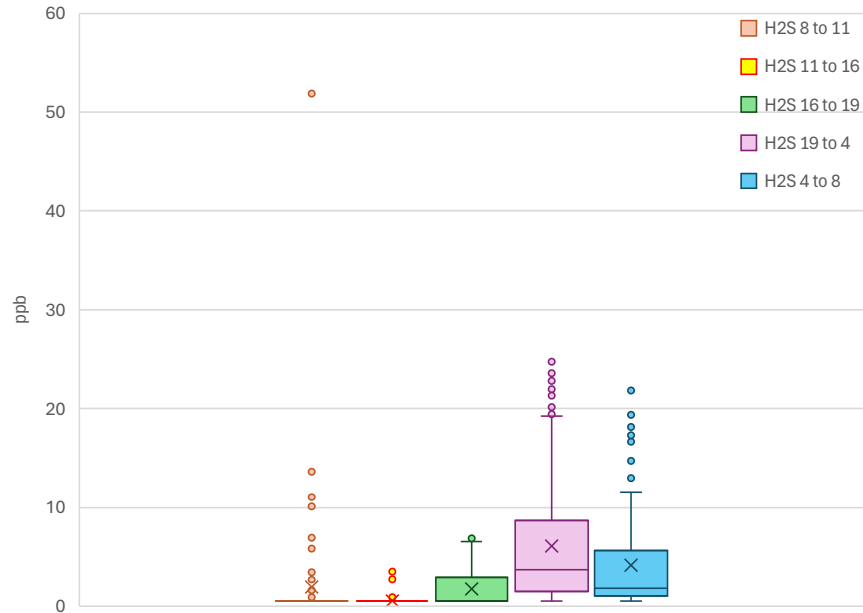
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	90.4	71.5	48.9	115.4	27.5	259.2	112
CO 8 to 11	75.2	50.4	32.3	70.6	9.4	821.3	84
CO 11 to 16	33.7	34.4	20.5	45.4	-4.4	88.6	140
CO 16 to 19	53.5	54.4	40.8	65.5	20.5	96.2	84
CO 19 to 4	97.4	68.5	57.4	114.2	29.1	387.2	252

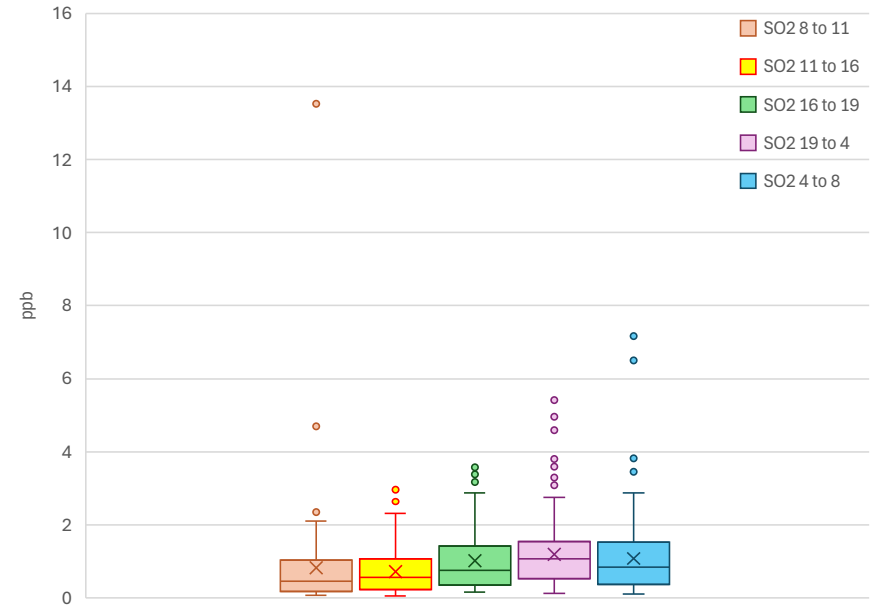
Hourly concentration distribution

H₂S hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	4.2	1.8	1.1	5.6	0.5	21.8	112
H ₂ S 8 to 11	2.0	0.5	0.5	0.5	0.5	51.9	84
H ₂ S 11 to 16	0.6	0.5	0.5	0.5	0.5	3.5	140
H ₂ S 16 to 19	1.8	0.5	0.5	2.9	0.5	6.9	84
H ₂ S 19 to 4	6.1	3.7	1.5	8.7	0.5	24.8	252

SO₂ hourly distribution

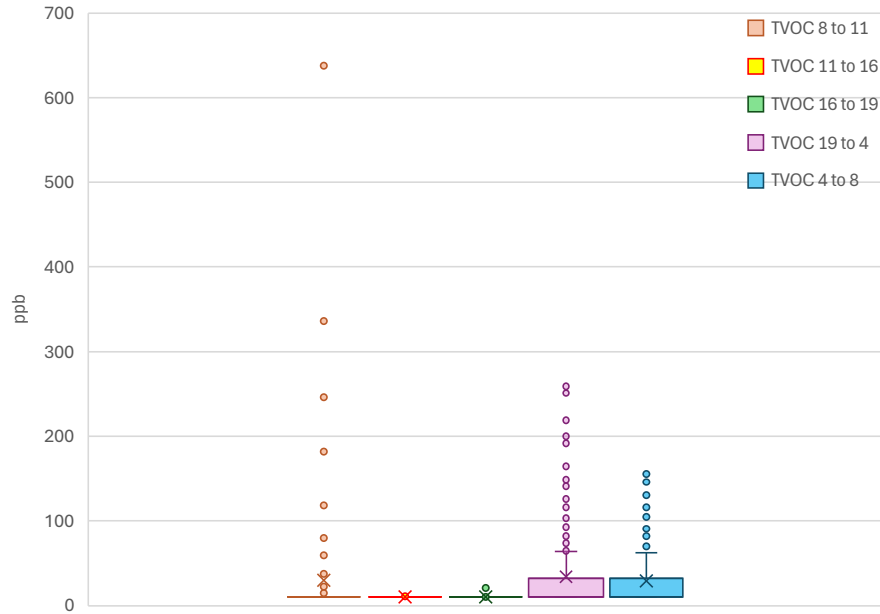


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	1.1	0.8	0.4	1.5	0.1	7.2	112
SO ₂ 8 to 11	0.8	0.5	0.2	1.0	0.1	13.5	84
SO ₂ 11 to 16	0.7	0.6	0.2	1.1	0.1	3.0	140
SO ₂ 16 to 19	1.0	0.8	0.4	1.4	0.2	3.6	84
SO ₂ 19 to 4	1.2	1.1	0.5	1.5	0.1	5.4	252

H₂S data is not referenced and calibrated against regulatory monitor

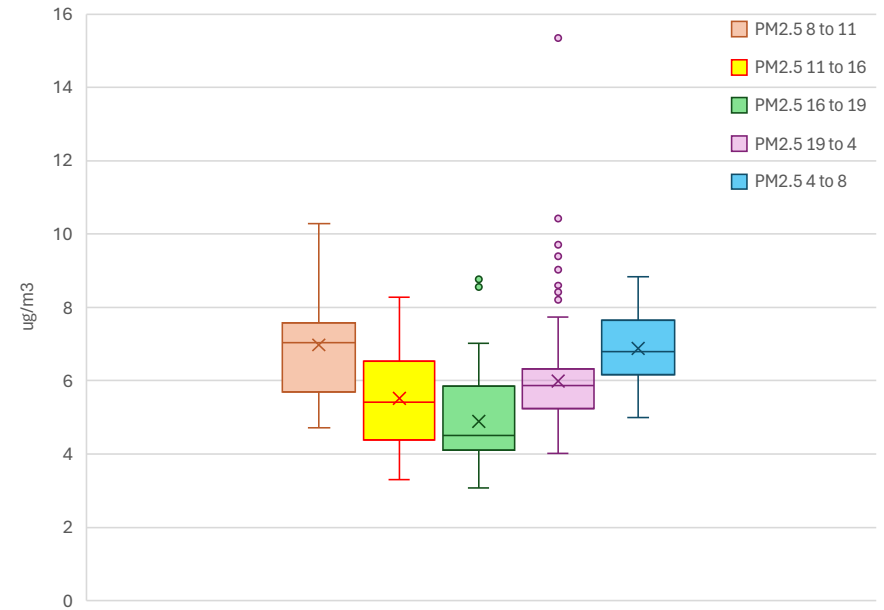
Hourly concentration distribution

TVOC hourly distribution



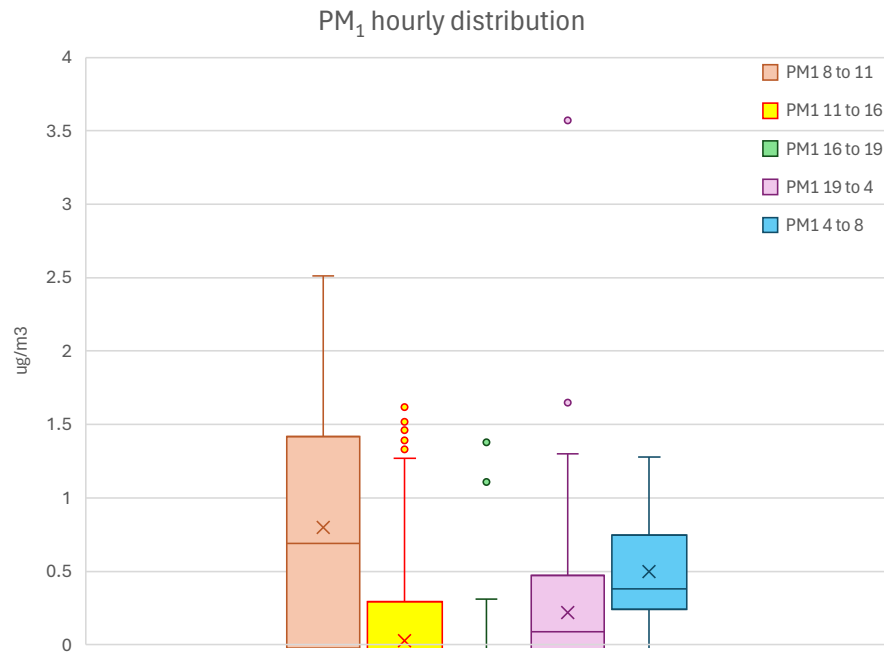
ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	29.2	10.3	10.3	32.5	10.3	155.3	112
TVOC 8 to 11	29.9	10.3	10.3	10.3	10.3	637.8	84
TVOC 11 to 16	10.3	10.3	10.3	10.3	10.3	12.3	140
TVOC 16 to 19	10.5	10.3	10.3	10.3	10.3	21.1	84
TVOC 19 to 4	34.3	10.3	10.3	32.6	10.3	264.6	252

PM_{2.5} hourly distribution

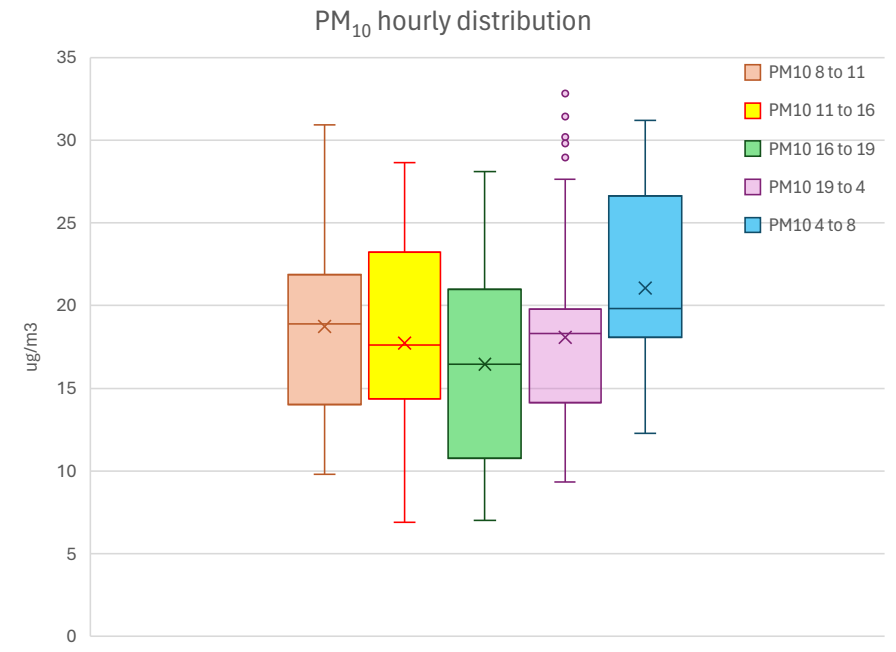


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	6.9	6.8	6.2	7.7	5.0	8.8	86
PM _{2.5} 8 to 11	7.0	7.0	5.7	7.6	4.7	10.3	42
PM _{2.5} 11 to 16	5.5	5.4	4.4	6.5	3.3	8.3	97
PM _{2.5} 16 to 19	4.9	4.5	4.1	5.9	3.1	8.8	64
PM _{2.5} 19 to 4	6.0	5.9	5.2	6.3	4.0	15.3	153

Hourly concentration distribution



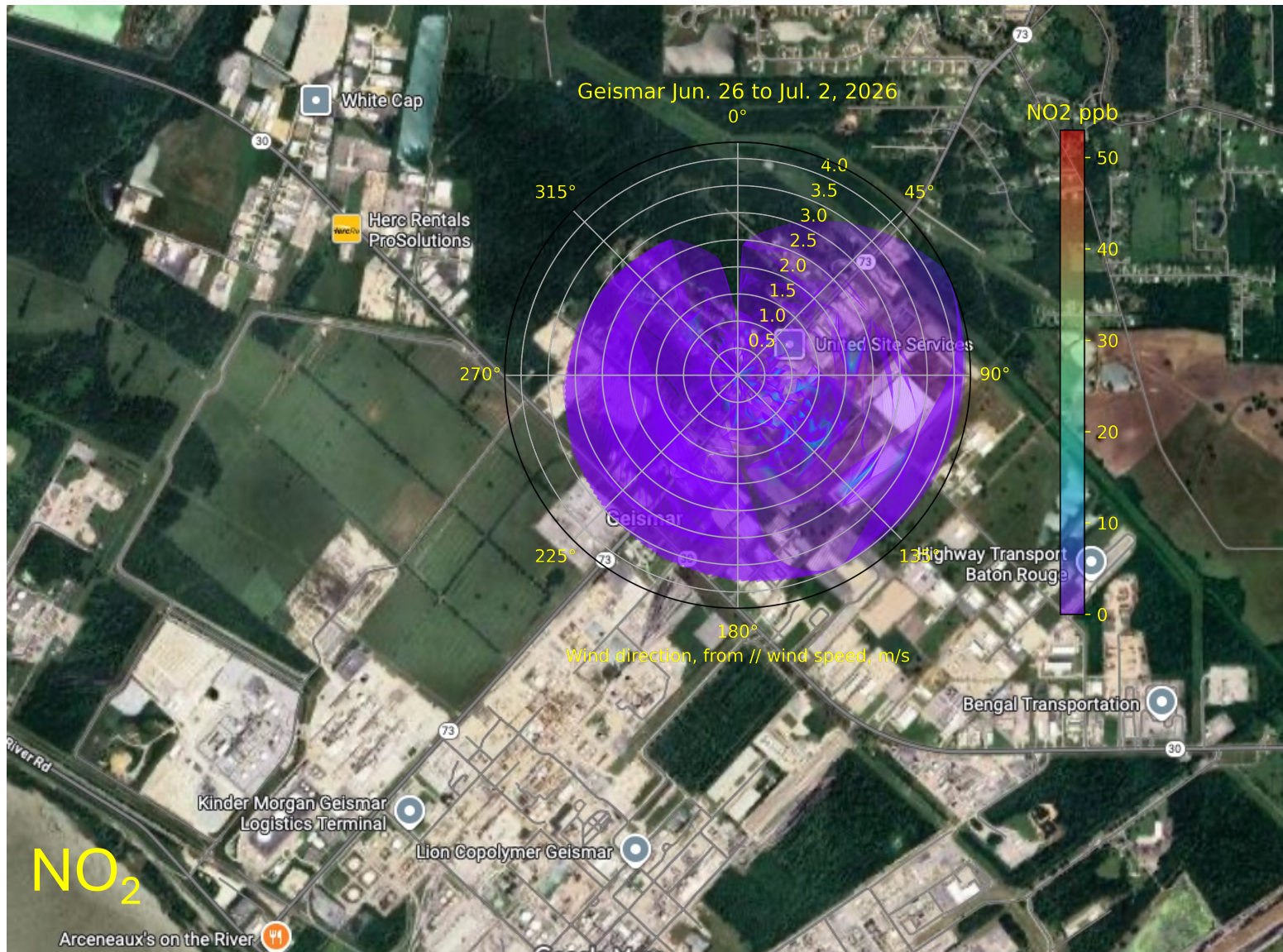
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	0.5	0.4	0.2	0.7	-0.1	1.3	86
PM ₁ 8 to 11	0.8	0.7	0.0	1.4	-0.3	2.5	42
PM ₁ 11 to 16	0.0	-0.2	-0.4	0.3	-0.9	1.6	97
PM ₁ 16 to 19	-0.3	-0.3	-0.6	-0.1	-0.8	1.4	64
PM ₁ 19 to 4	0.2	0.1	-0.1	0.5	-0.8	3.6	153

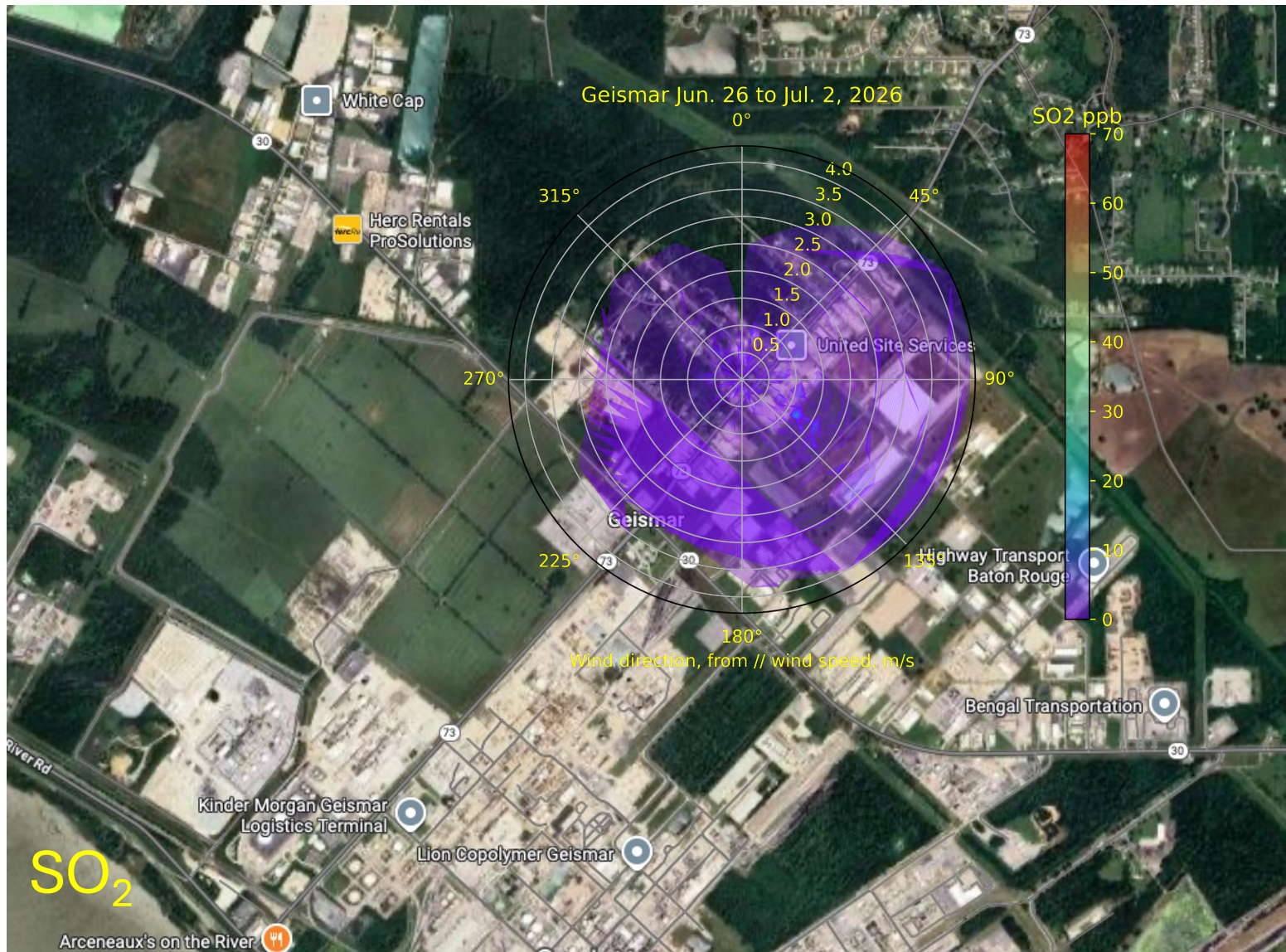


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	21.1	19.8	18.1	26.6	12.3	31.2	86
PM ₁₀ 8 to 11	18.7	18.9	14.0	21.9	9.8	30.9	42
PM ₁₀ 11 to 16	17.7	17.6	14.4	23.2	6.9	28.6	97
PM ₁₀ 16 to 19	16.5	16.5	10.8	21.0	7.0	28.1	64
PM ₁₀ 19 to 4	18.1	18.3	14.1	19.8	9.3	32.8	153

PM₁ data is not referenced and calibrated against regulatory monitor

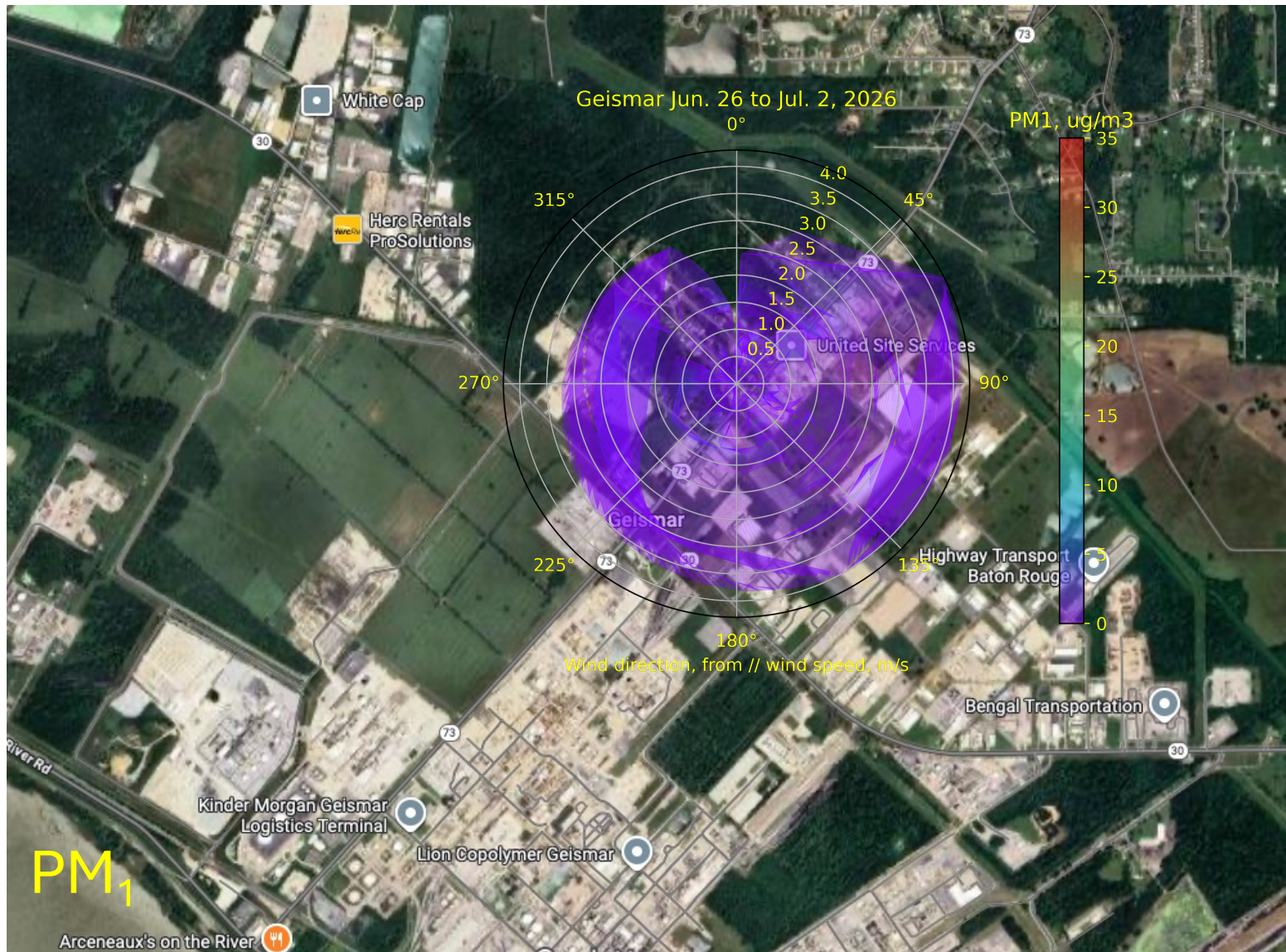


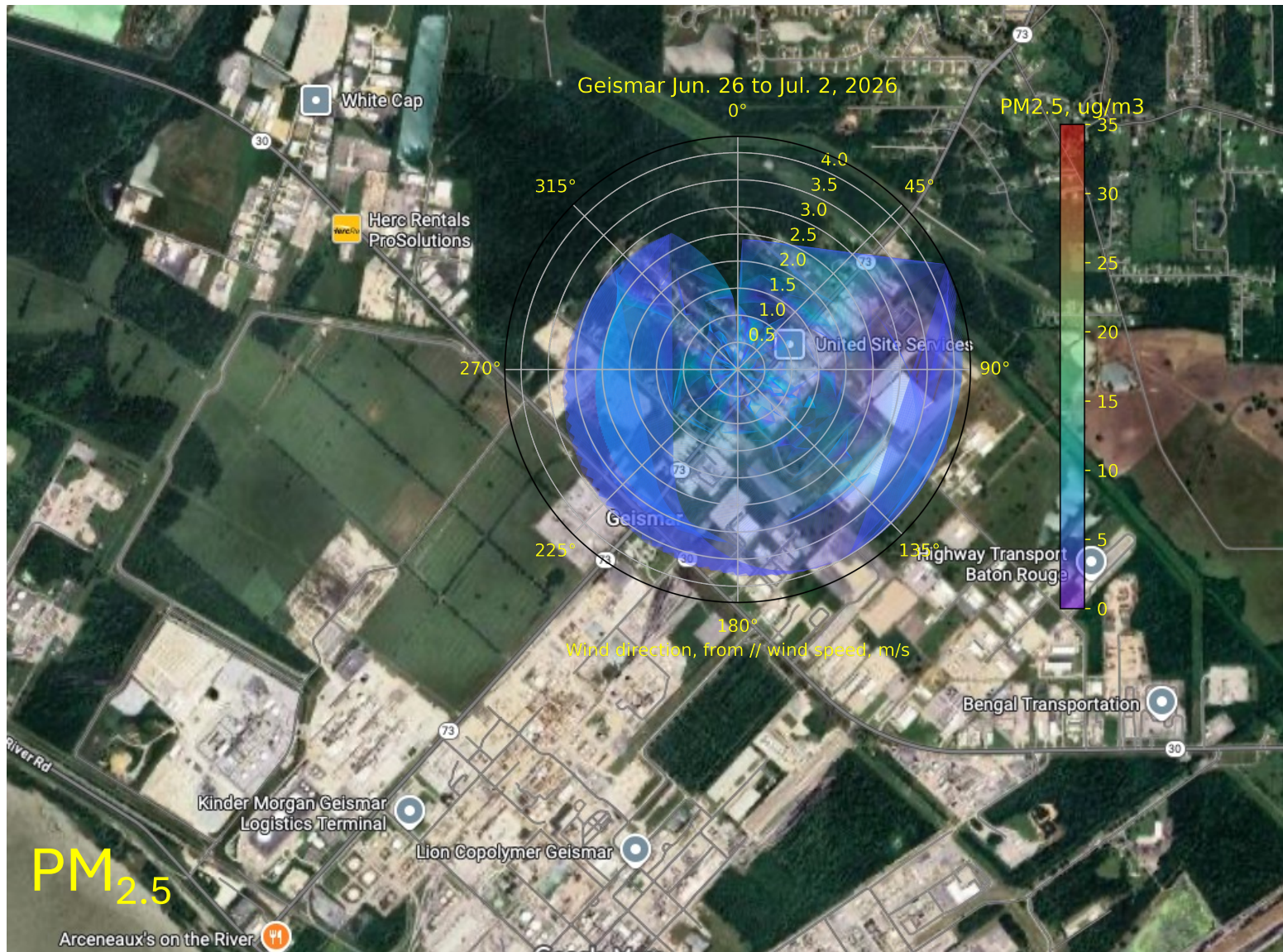


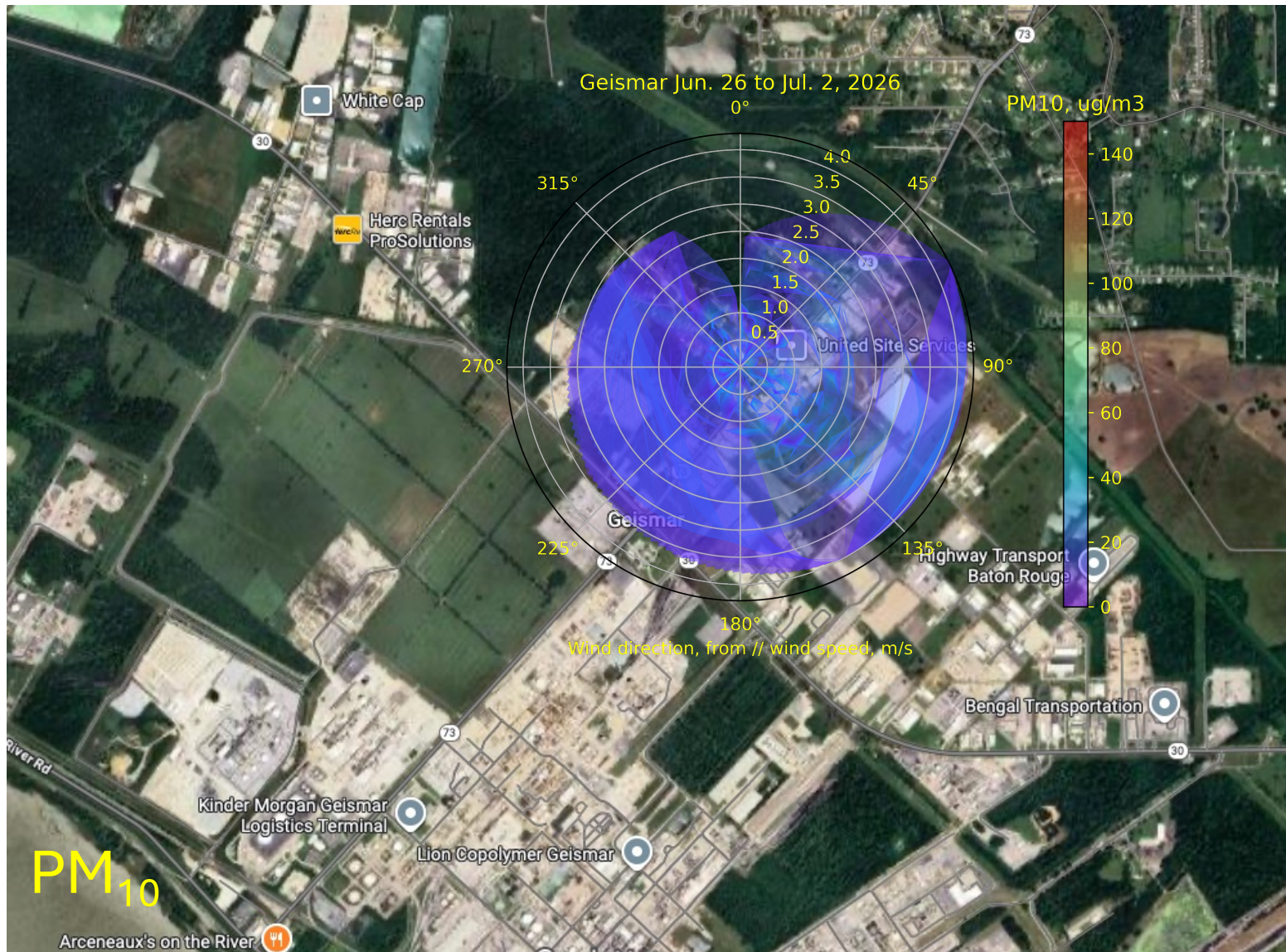












GEISMAR POD

6/26-7/2

- Multiple events with high TVOC driven primarily from South East direction, with contributions from South West

