

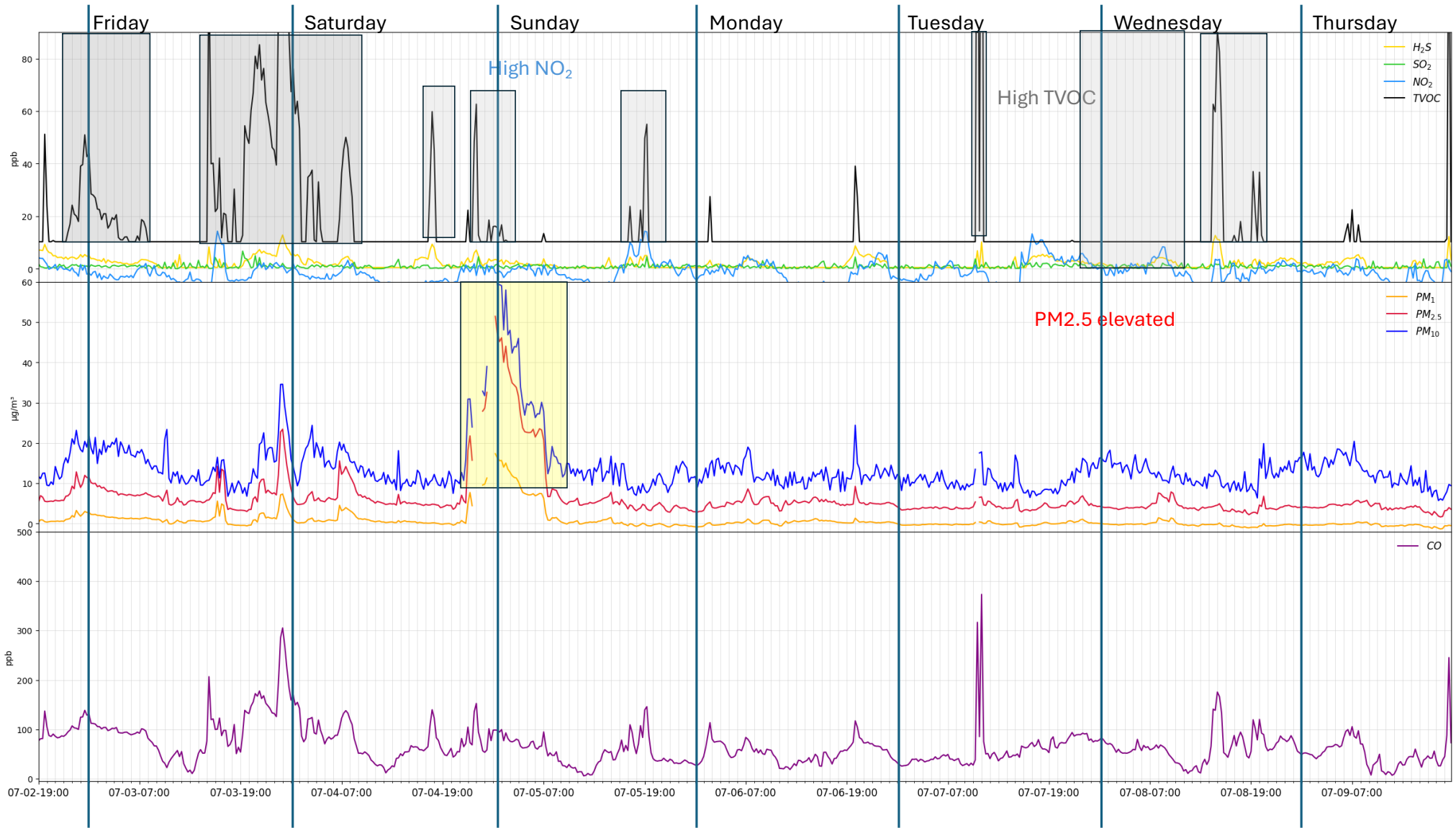
Geismar POD

July 3 – July 9, 2026

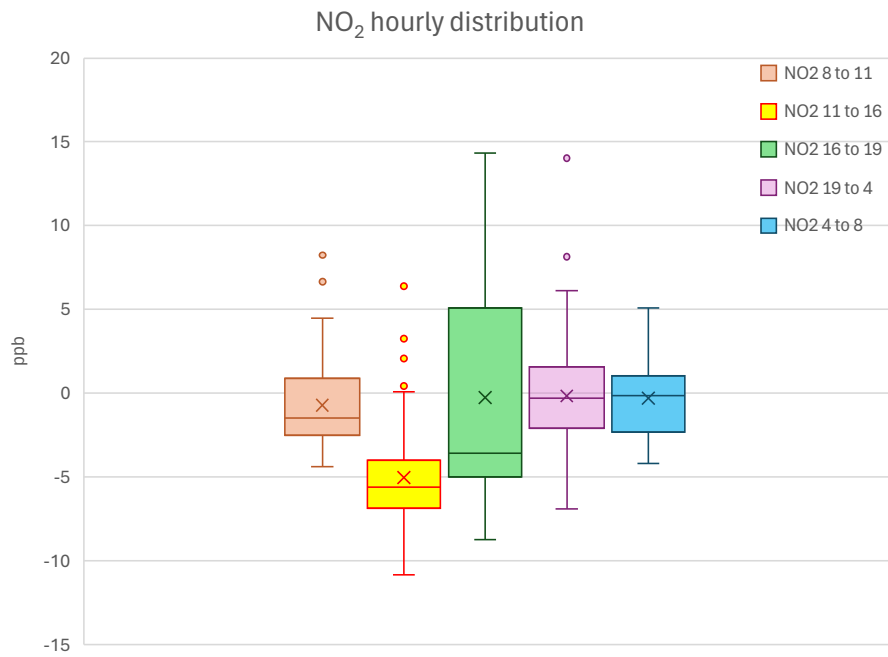
Disclaimer

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.

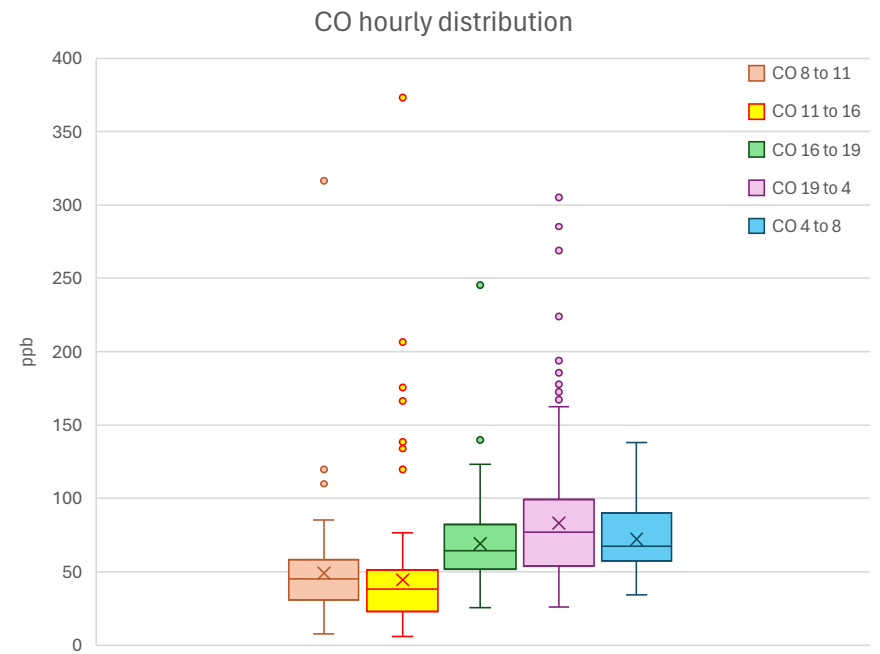
At the same time, most of the sensors are subject to QA/QC procedures and are calibrated and evaluated against official regulatory monitors.



Hourly concentration distribution

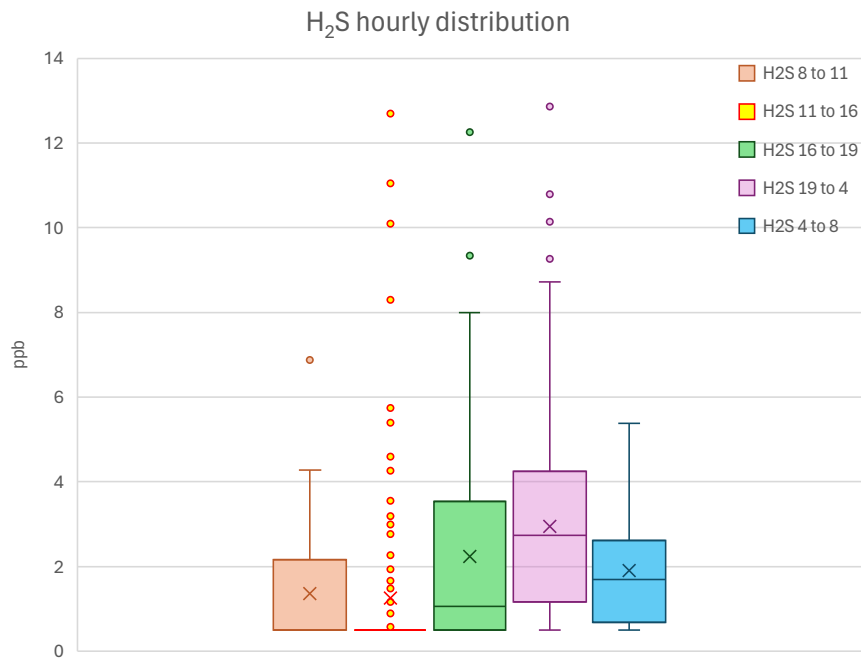


ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	-0.3	-0.1	-2.3	1.1	-4.2	5.1	112
NO ₂ 8 to 11	-0.7	-1.5	-2.5	0.9	-4.4	8.4	84
NO ₂ 11 to 16	-5.0	-5.6	-6.9	-4.0	-10.8	6.4	140
NO ₂ 16 to 19	-0.3	-3.6	-5.0	5.1	-8.7	14.3	84
NO ₂ 19 to 4	-0.2	-0.3	-2.1	1.6	-6.9	14.3	252



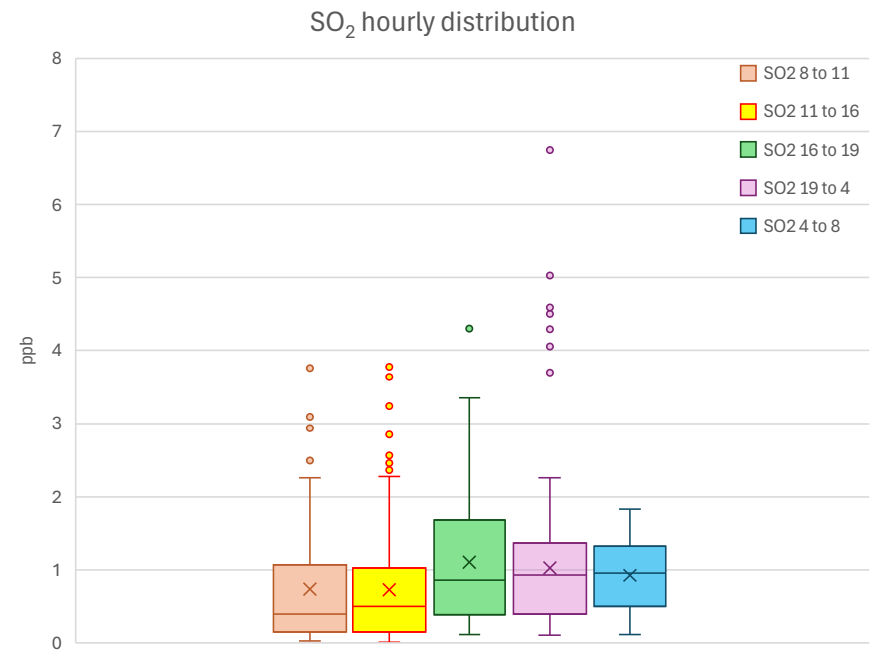
ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	72.2	67.3	57.5	90.1	34.3	138.0	112
CO 8 to 11	49.3	45.4	30.6	58.5	7.7	316.6	84
CO 11 to 16	44.5	38.0	22.9	51.3	6.1	373.1	140
CO 16 to 19	69.2	64.2	51.7	82.2	25.6	245.2	84
CO 19 to 4	83.3	76.9	53.9	99.5	25.8	305.2	252

Hourly concentration distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	1.9	1.7	0.7	2.6	0.5	5.4	112
H ₂ S 8 to 11	1.4	0.5	0.5	2.3	0.5	6.9	84
H ₂ S 11 to 16	1.3	0.5	0.5	0.5	0.5	12.7	140
H ₂ S 16 to 19	2.2	1.1	0.5	3.6	0.5	12.3	84
H ₂ S 19 to 4	3.0	2.7	1.2	4.3	0.5	12.9	252

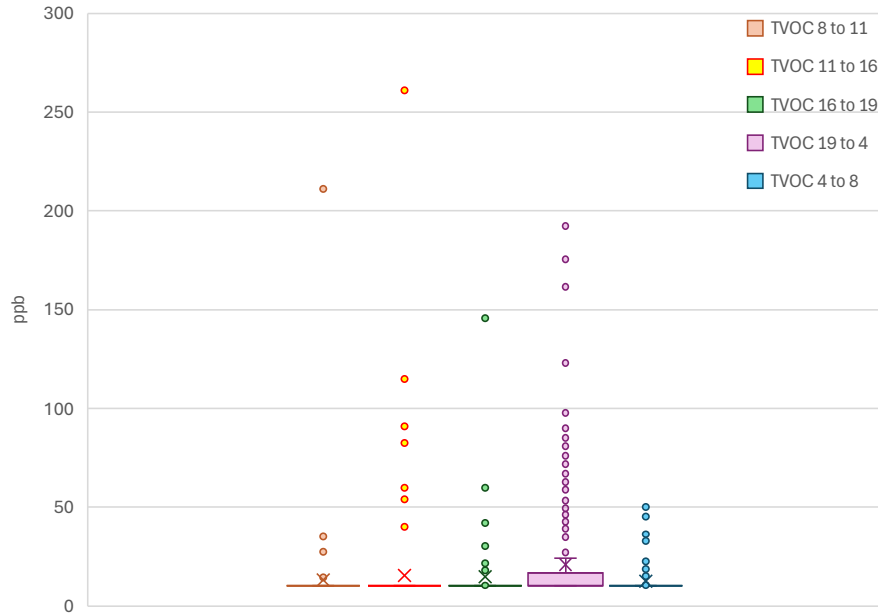
H₂S data is not referenced and calibrated against regulatory monitor



ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	0.9	1.0	0.5	1.3	0.1	1.8	112
SO ₂ 8 to 11	0.7	0.4	0.2	1.1	0.0	3.8	84
SO ₂ 11 to 16	0.7	0.5	0.2	1.0	0.0	3.8	140
SO ₂ 16 to 19	1.1	0.9	0.4	1.7	0.1	4.3	84
SO ₂ 19 to 4	1.0	0.9	0.4	1.4	0.1	6.7	252

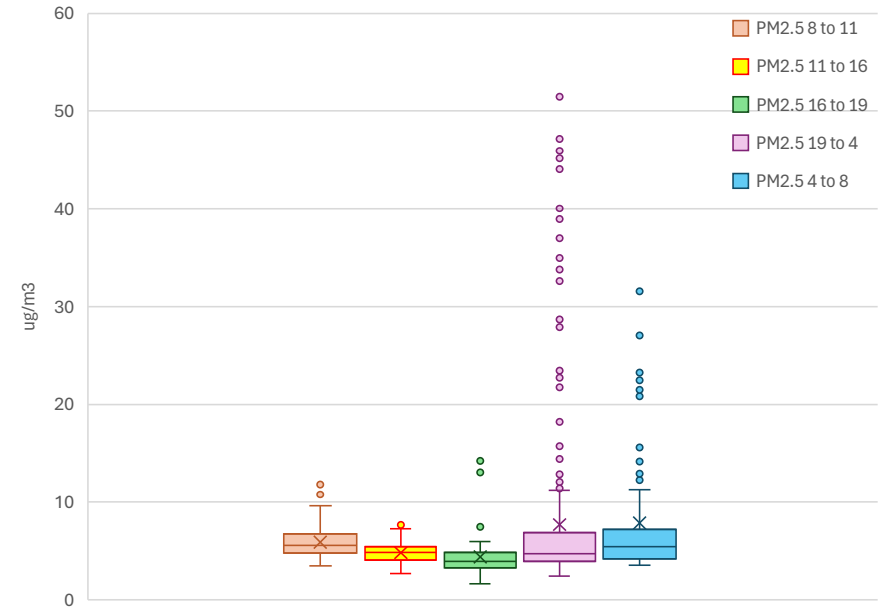
Hourly concentration distribution

TVOC hourly distribution



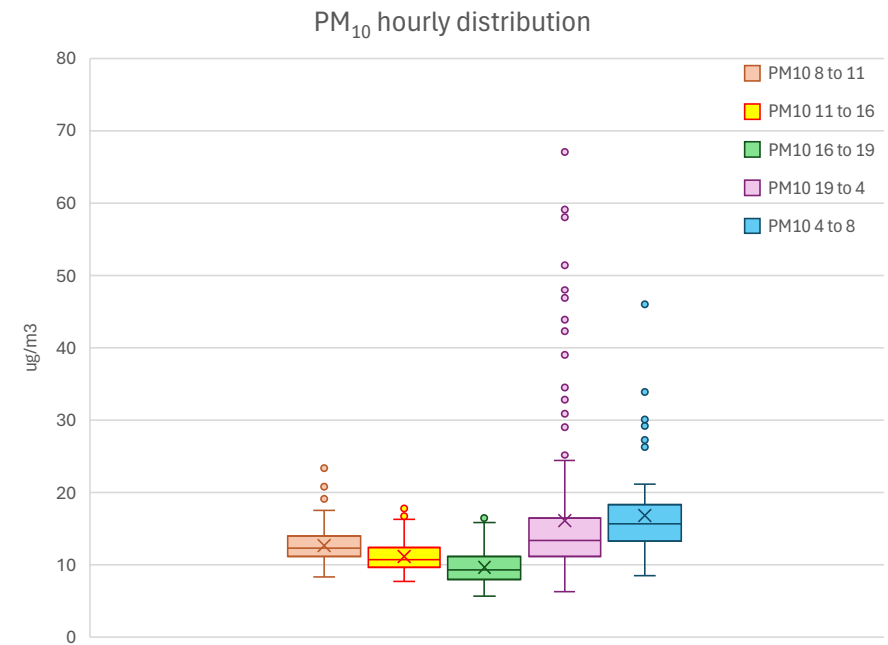
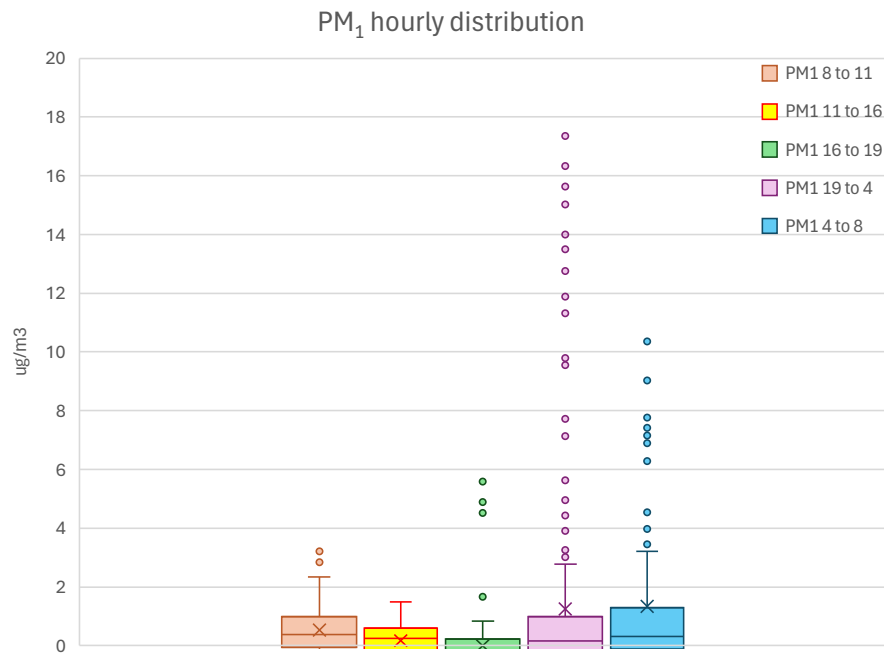
ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	12.6	10.3	10.3	10.3	10.3	50.0	112
TVOC 8 to 11	13.2	10.3	10.3	10.3	10.3	211.2	84
TVOC 11 to 16	15.4	10.3	10.3	10.3	10.3	261.0	140
TVOC 16 to 19	14.8	10.3	10.3	10.3	10.3	145.6	84
TVOC 19 to 4	21.0	10.3	10.3	17.0	10.3	192.4	252

PM_{2.5} hourly distribution



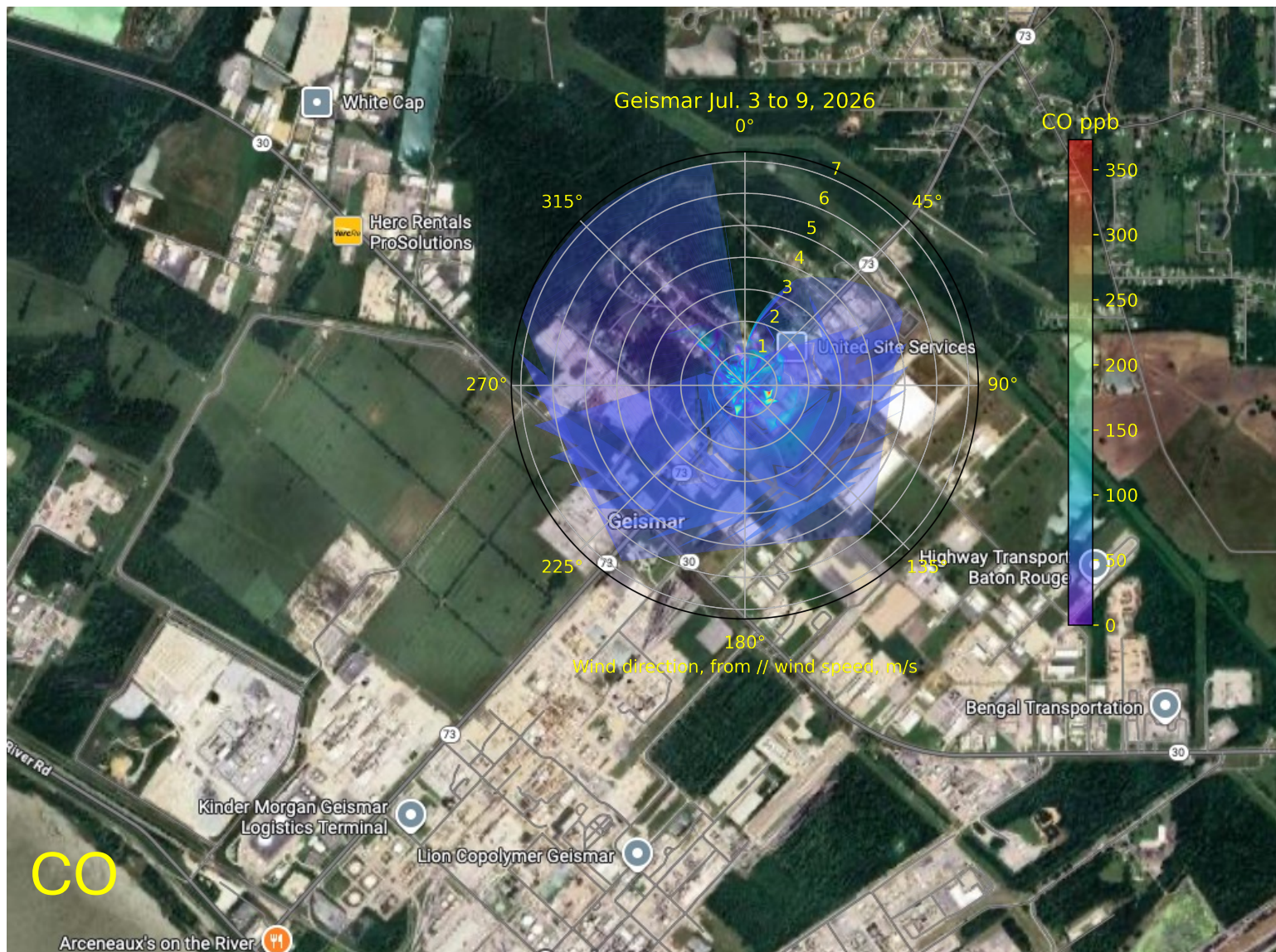
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	7.8	5.5	4.2	7.2	3.5	31.6	112
PM _{2.5} 8 to 11	5.9	5.6	4.8	6.8	3.5	11.8	83
PM _{2.5} 11 to 16	4.8	4.9	4.1	5.4	2.7	7.8	140
PM _{2.5} 16 to 19	4.4	3.9	3.3	4.8	1.6	14.2	84
PM _{2.5} 19 to 4	7.7	4.7	3.9	6.9	2.5	51.5	246

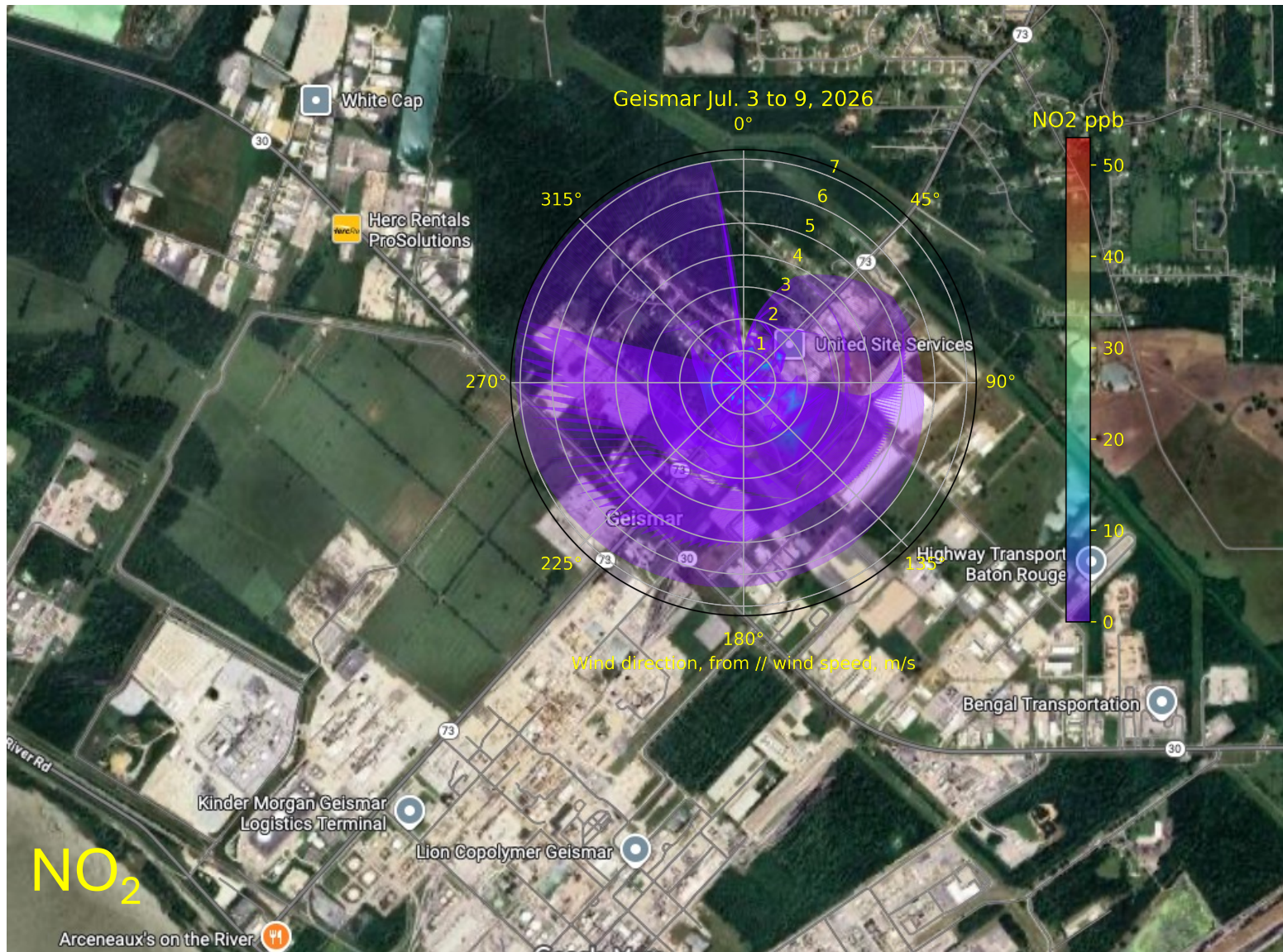
Hourly concentration distribution

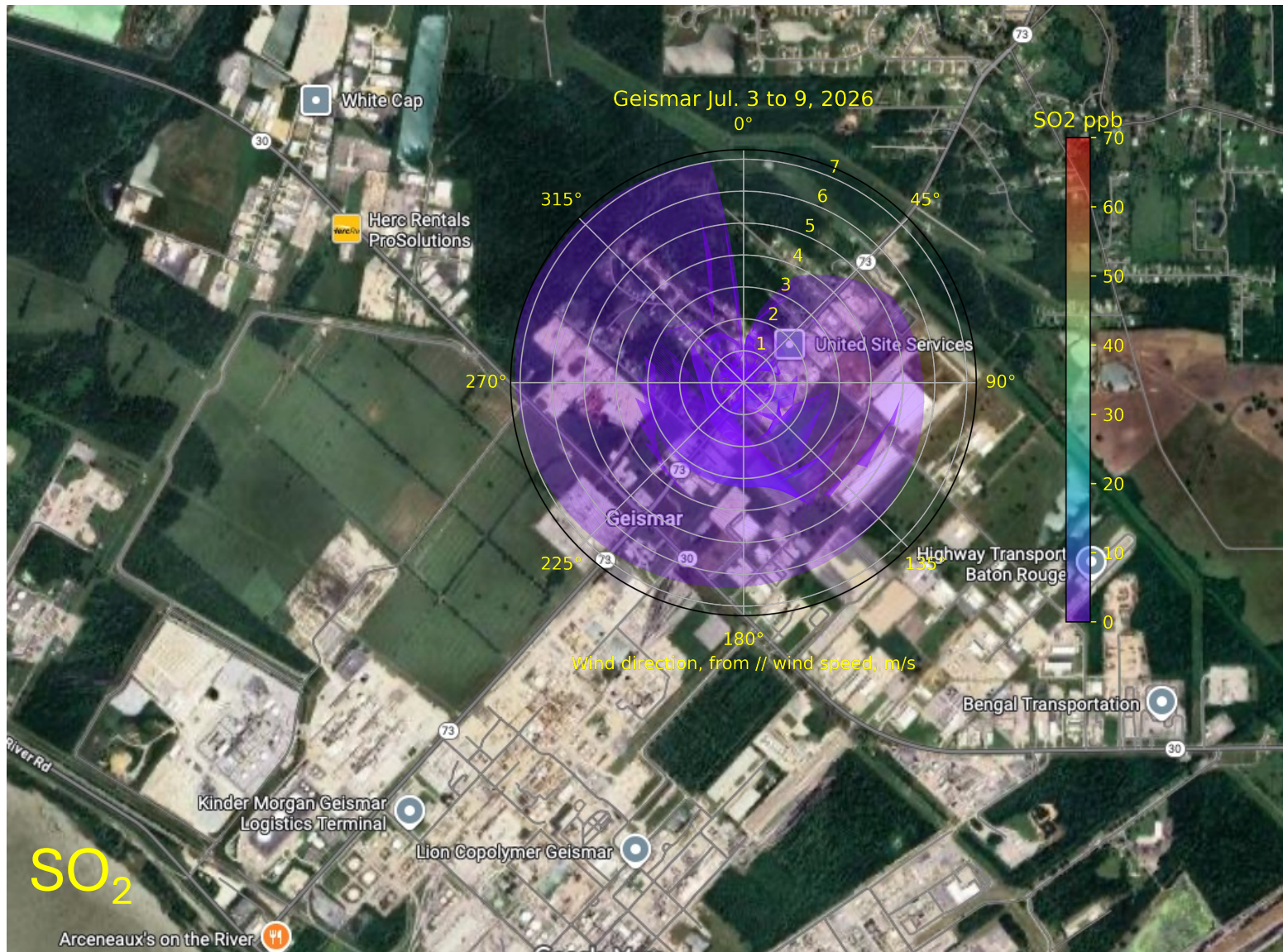


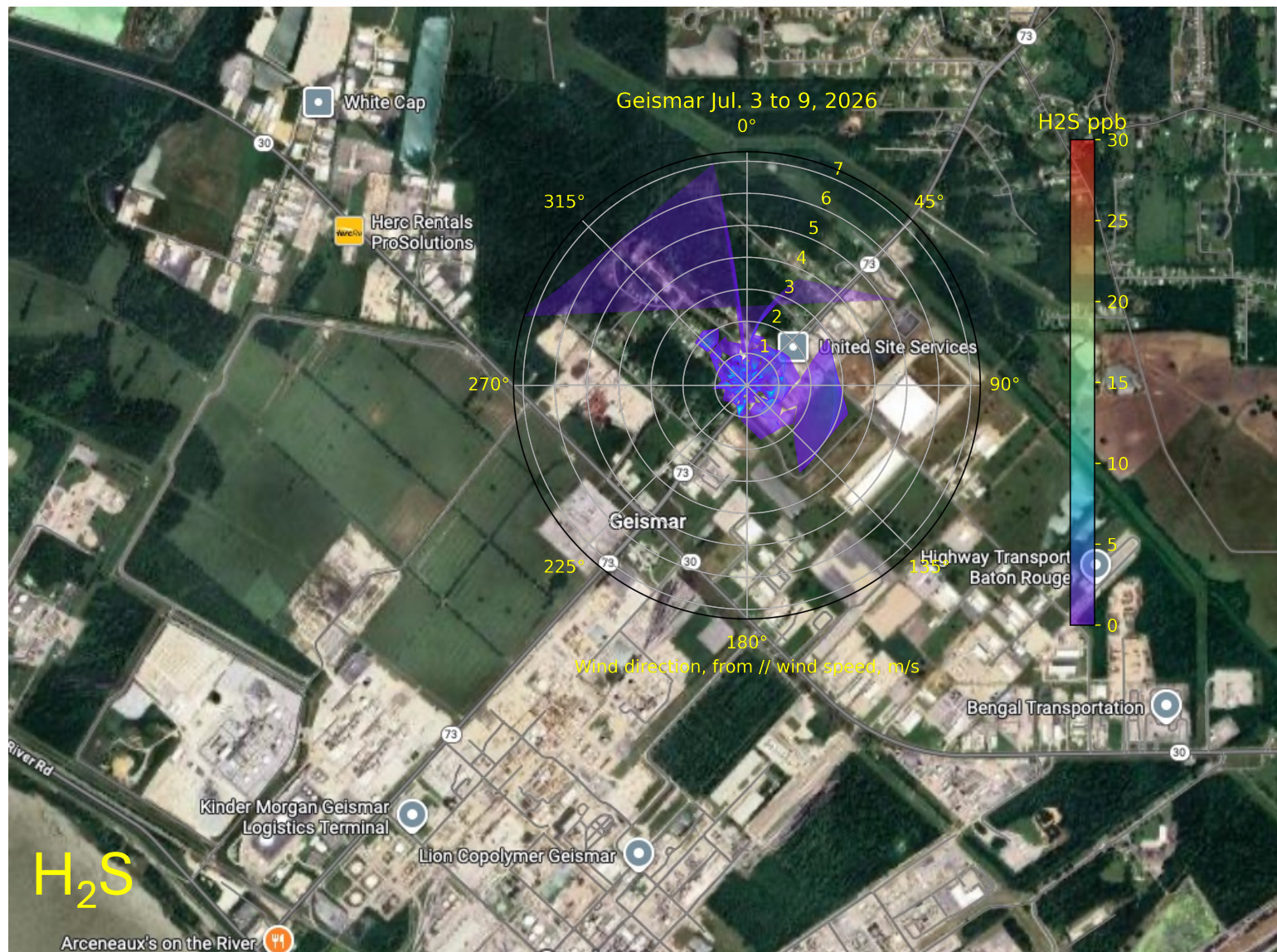
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	16.8	15.7	13.3	18.4	8.6	46.0	112
PM ₁₀ 8 to 11	12.7	12.4	11.2	14.0	8.4	23.4	83
PM ₁₀ 11 to 16	11.2	10.7	9.7	12.4	7.7	18.1	140
PM ₁₀ 16 to 19	9.7	9.3	8.0	11.2	5.7	16.5	84
PM ₁₀ 19 to 4	16.1	13.4	11.1	16.6	6.4	67.1	246

PM₁ data is not referenced and calibrated against regulatory monitor

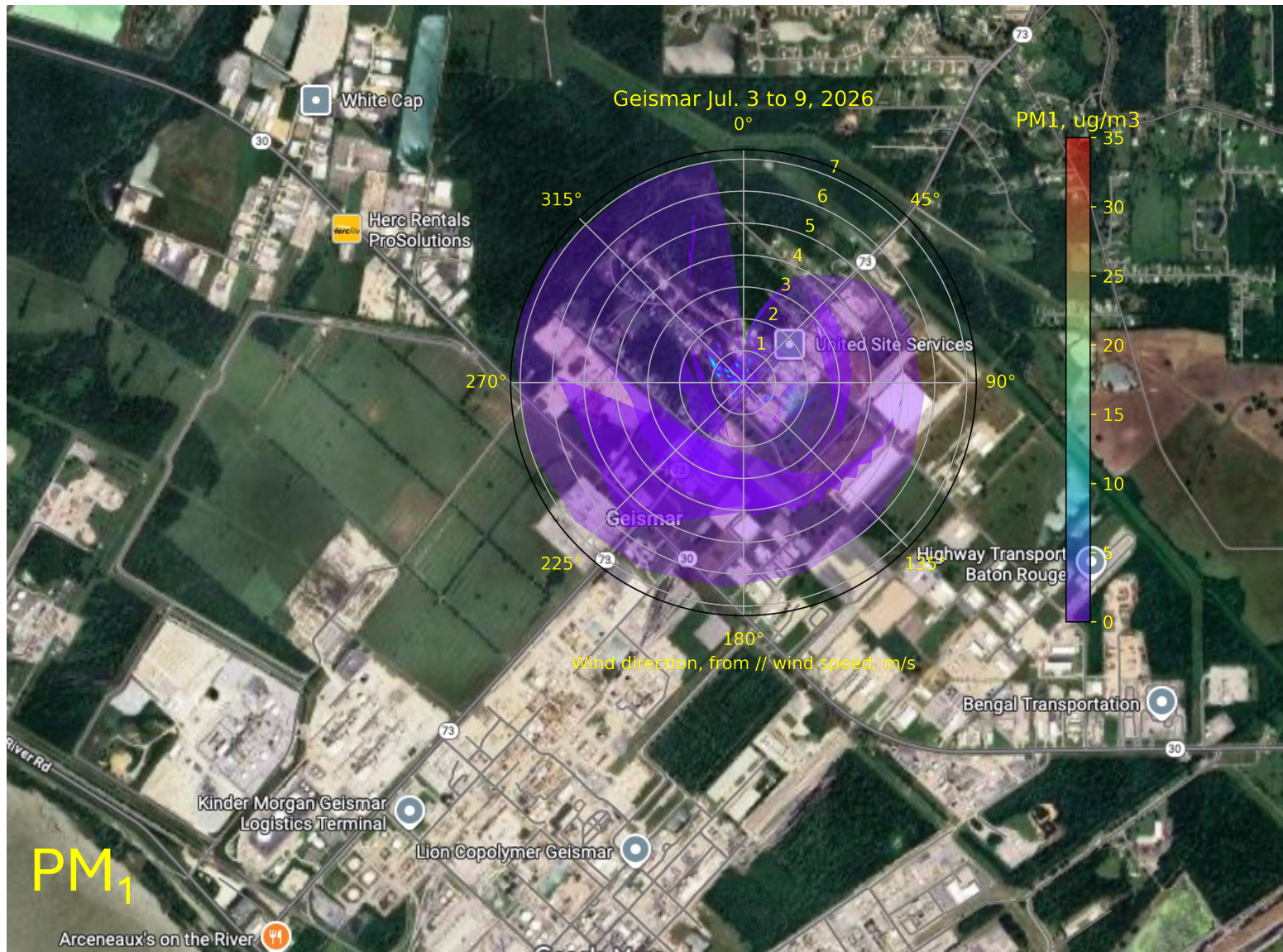


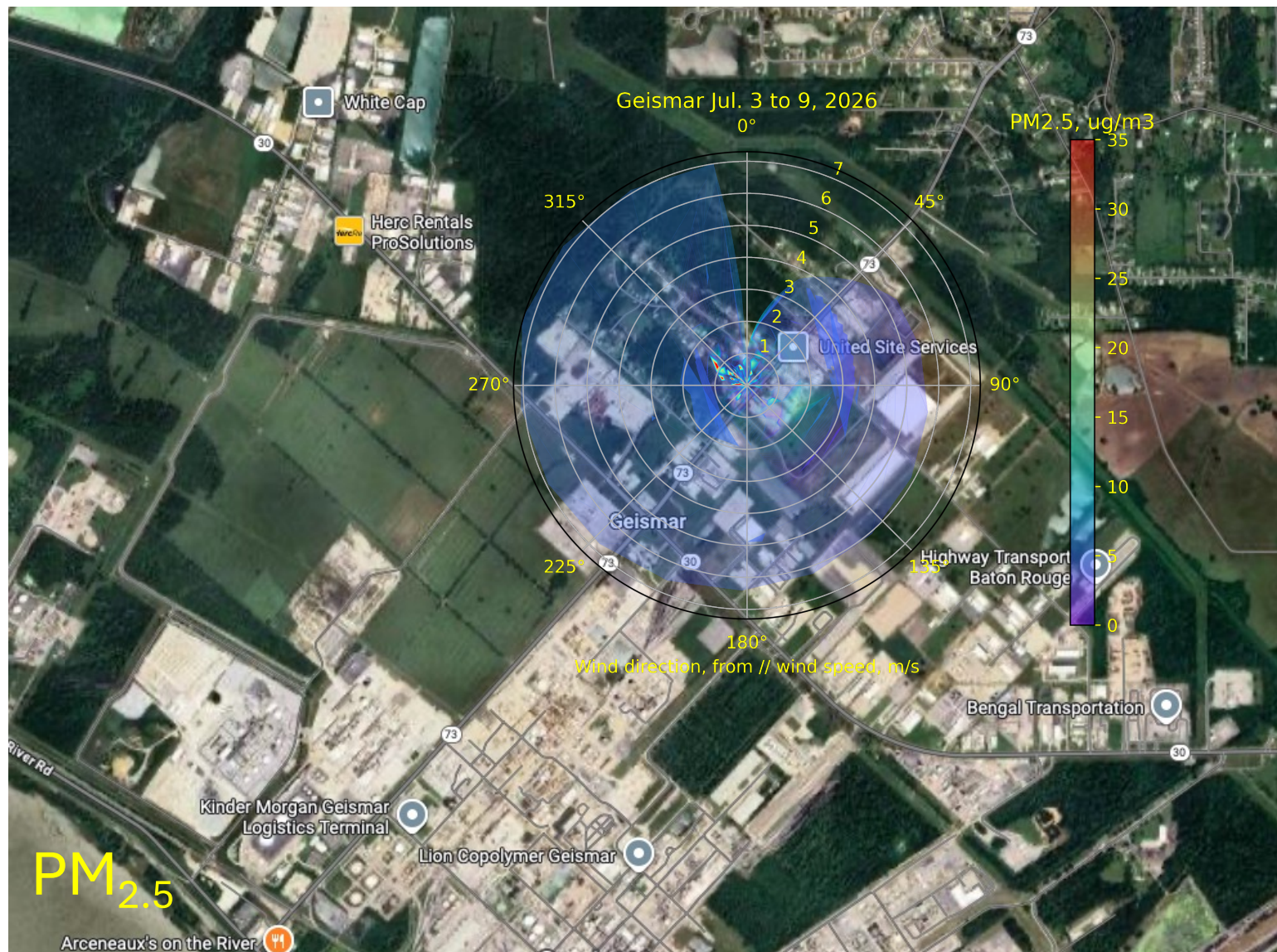


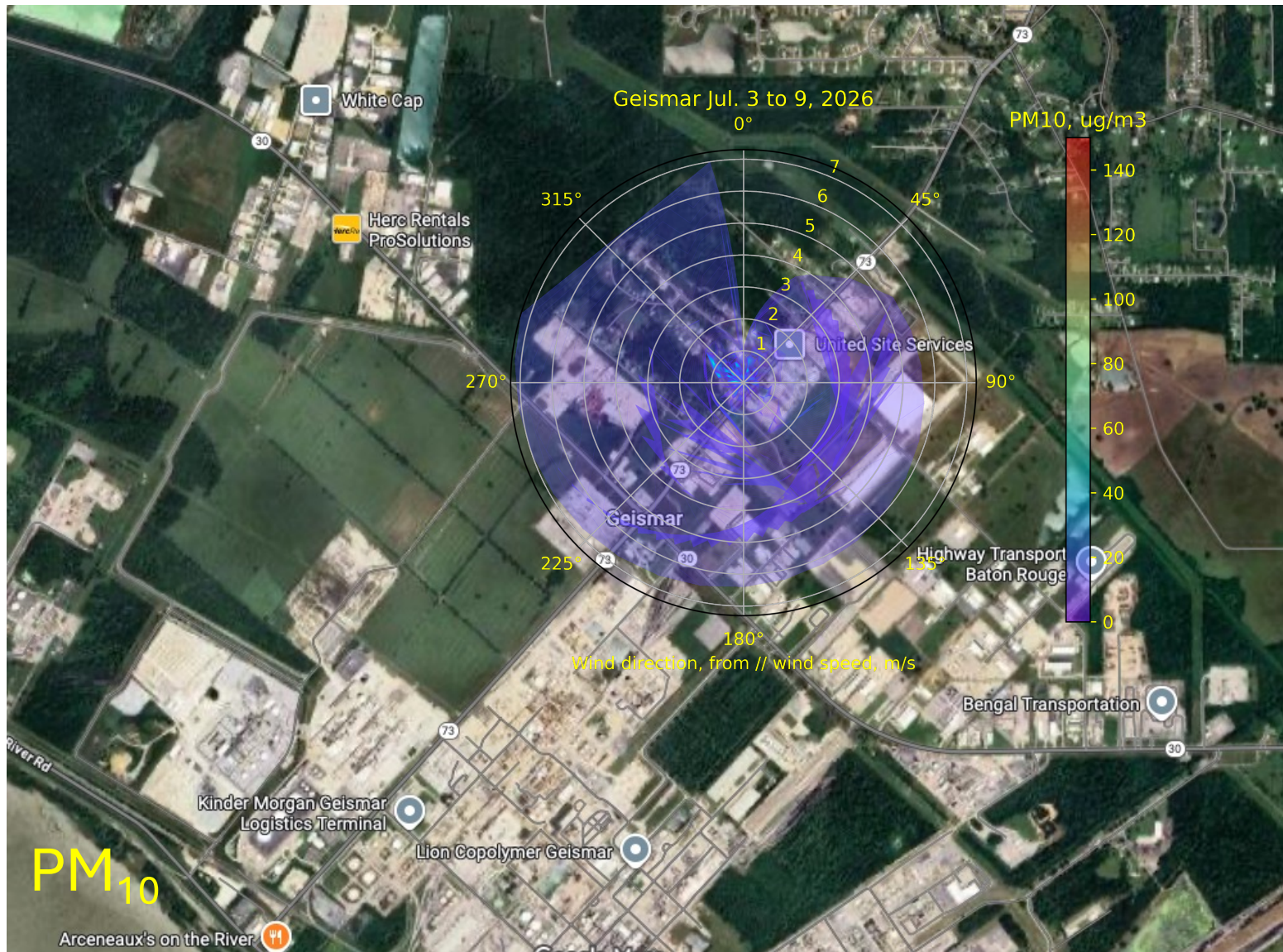












GEISMAR POD

7/3-7/9

- Continuation from previous week TVOC influx, decreasing mid week. Primary origin from South-East

