

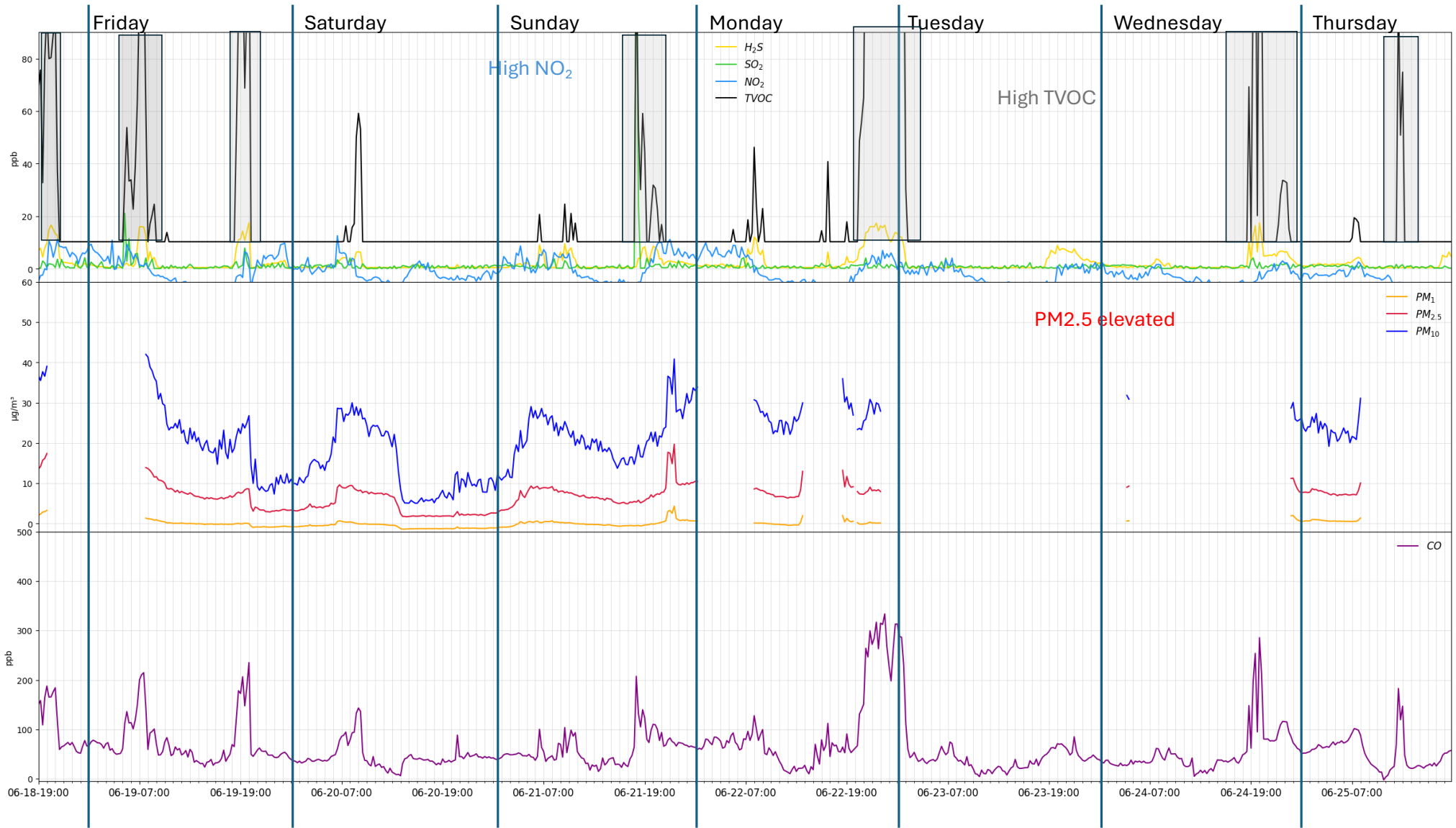
Geismar POD

June 19 – June 25, 2026

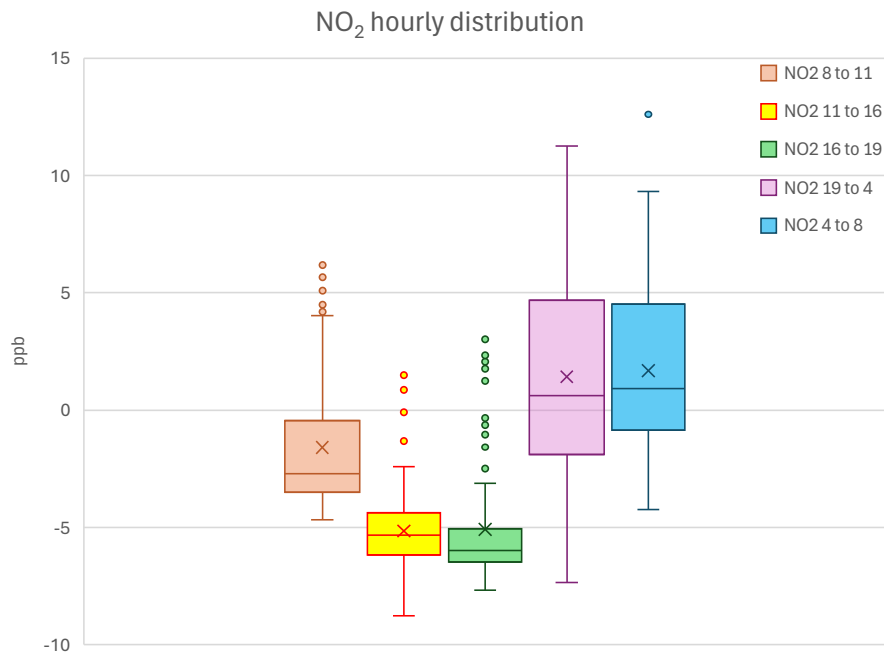
Disclaimer

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.

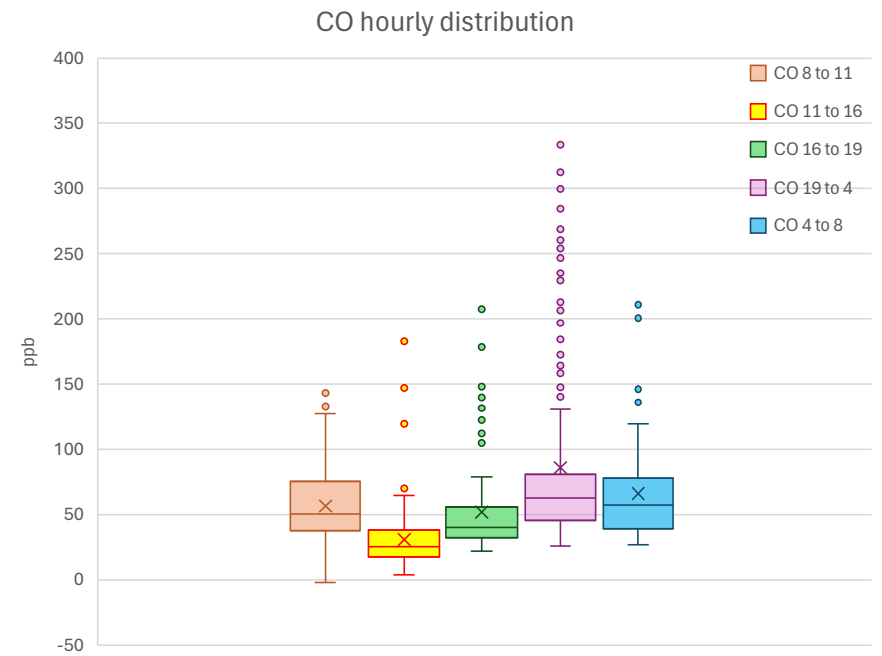
At the same time, most of the sensors are subject to QA/QC procedures and are calibrated and evaluated against official regulatory monitors.



Hourly concentration distribution



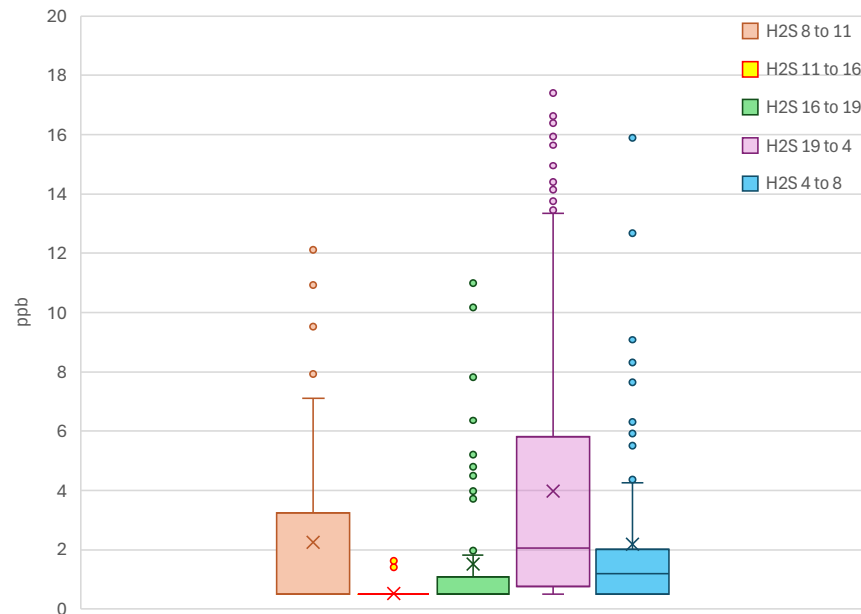
ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	1.7	0.9	-0.9	4.5	-4.3	12.6	112
NO ₂ 8 to 11	-1.6	-2.7	-3.5	-0.4	-4.7	6.2	84
NO ₂ 11 to 16	-5.2	-5.3	-6.2	-4.4	-8.8	1.5	140
NO ₂ 16 to 19	-5.1	-6.0	-6.5	-5.1	-7.7	3.0	84
NO ₂ 19 to 4	1.4	0.6	-1.9	4.7	-7.3	11.3	252



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	66.0	57.2	39.3	77.7	26.9	214.7	112
CO 8 to 11	56.6	50.4	37.4	75.6	-2.1	143.3	84
CO 11 to 16	30.6	25.4	17.6	38.2	3.8	182.7	140
CO 16 to 19	51.7	40.0	32.3	55.8	22.0	207.4	84
CO 19 to 4	86.0	62.5	45.3	81.1	26.0	333.7	252

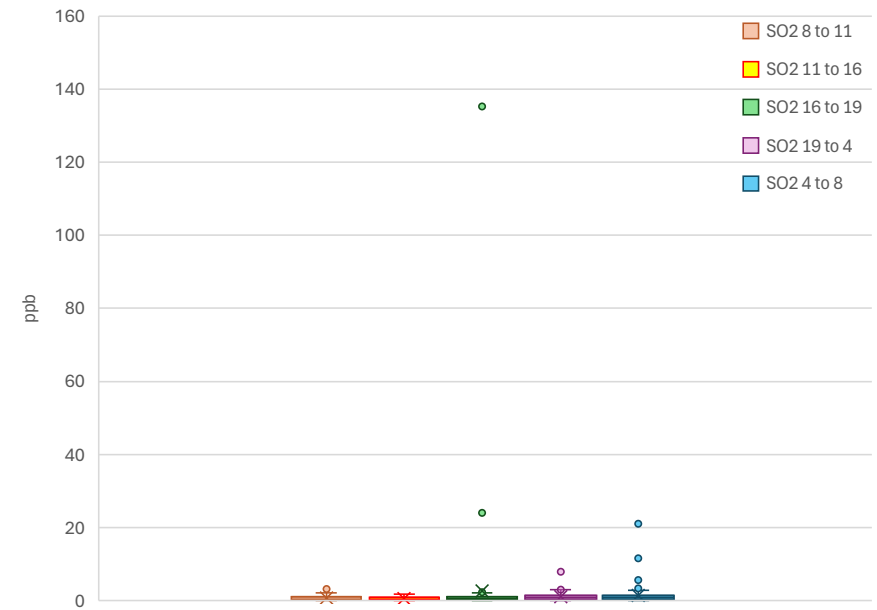
Hourly concentration distribution

H₂S hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	2.2	1.2	0.5	2.0	0.5	16.1	112
H ₂ S 8 to 11	2.2	0.5	0.5	3.3	0.5	12.1	84
H ₂ S 11 to 16	0.5	0.5	0.5	0.5	0.5	1.6	140
H ₂ S 16 to 19	1.5	0.5	0.5	1.1	0.5	11.0	84
H ₂ S 19 to 4	4.0	2.1	0.8	5.9	0.5	17.6	252

SO₂ hourly distribution

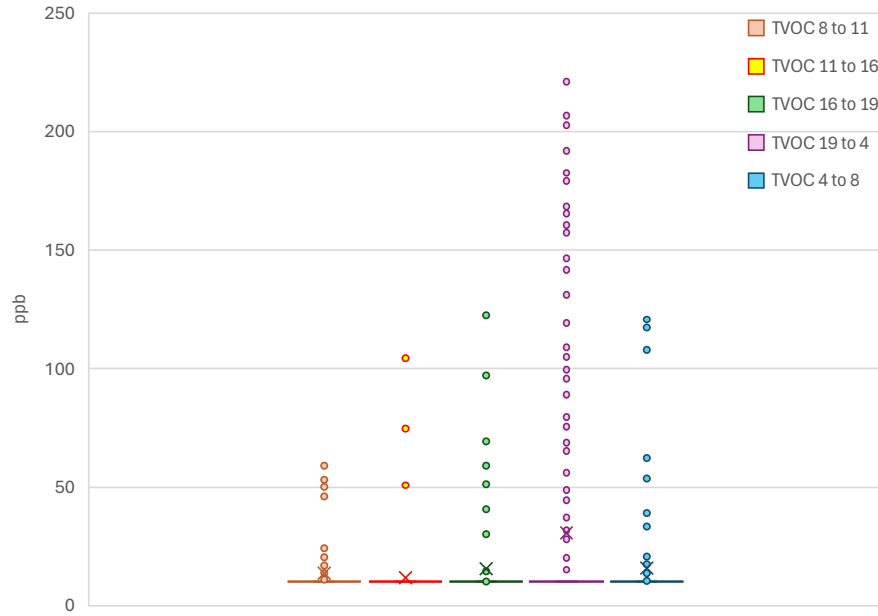


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	1.4	1.0	0.4	1.4	0.1	21.1	112
SO ₂ 8 to 11	0.7	0.5	0.2	1.0	0.1	4.1	84
SO ₂ 11 to 16	0.6	0.4	0.2	0.9	0.1	1.8	140
SO ₂ 16 to 19	2.6	0.6	0.3	1.1	0.1	135.3	84
SO ₂ 19 to 4	1.1	1.0	0.4	1.4	0.1	7.9	252

H₂S data is not referenced and calibrated against regulatory monitor

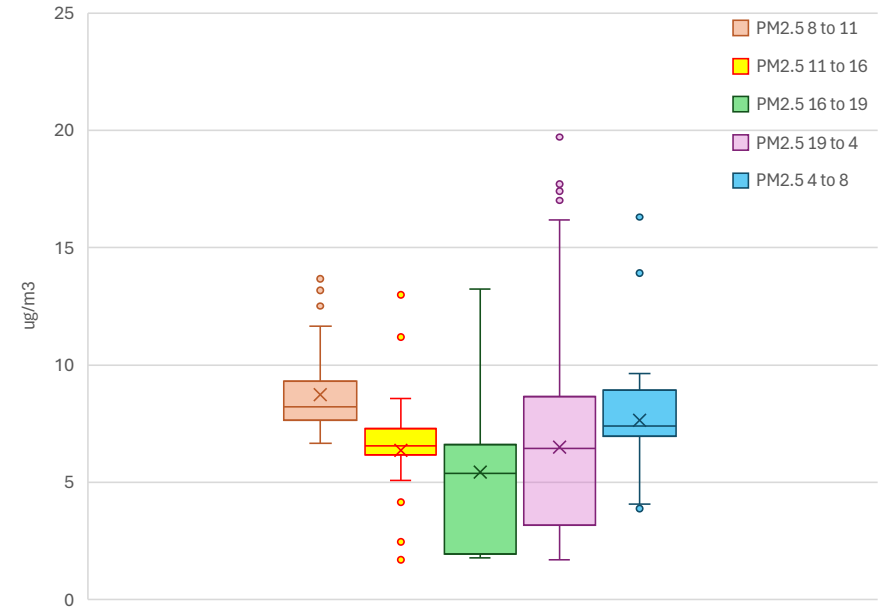
Hourly concentration distribution

TVOC hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	16.0	10.3	10.3	10.3	10.3	120.7	112
TVOC 8 to 11	13.6	10.3	10.3	10.3	10.3	59.2	84
TVOC 11 to 16	11.7	10.3	10.3	10.3	10.3	104.4	140
TVOC 16 to 19	15.6	10.3	10.3	10.3	10.3	122.5	84
TVOC 19 to 4	30.6	10.3	10.3	10.3	10.3	220.9	252

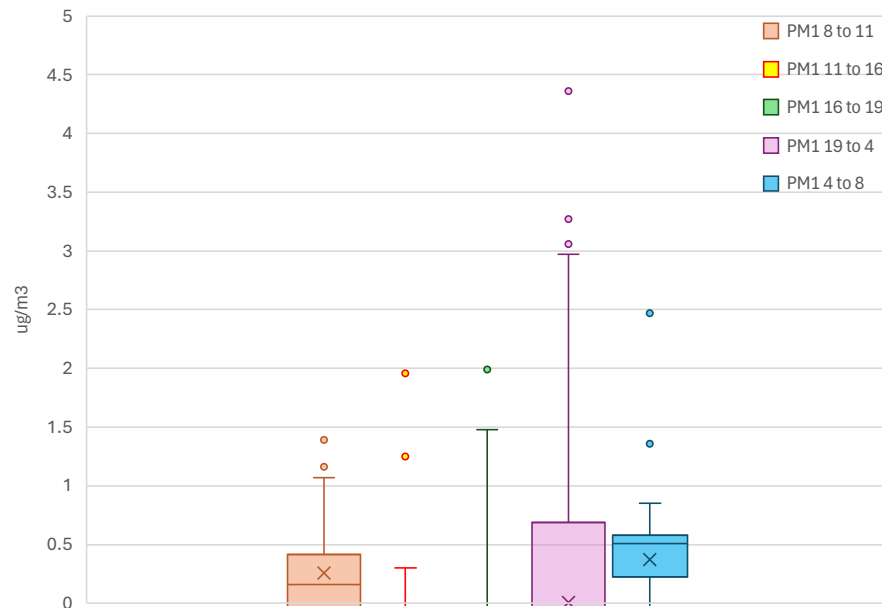
PM_{2.5} hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	7.6	7.4	7.0	8.9	3.9	16.3	53
PM _{2.5} 8 to 11	8.7	8.2	7.7	9.3	6.7	13.7	49
PM _{2.5} 11 to 16	6.4	6.6	6.2	7.3	1.7	13.0	74
PM _{2.5} 16 to 19	5.4	5.4	1.9	6.6	1.8	13.2	42
PM _{2.5} 19 to 4	6.5	6.4	3.2	8.6	1.7	19.7	140

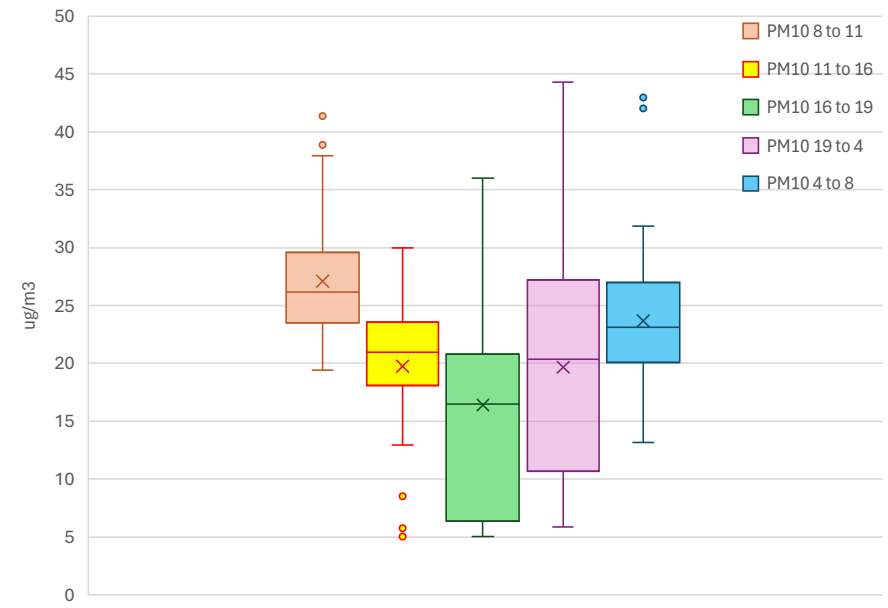
Hourly concentration distribution

PM₁ hourly distribution



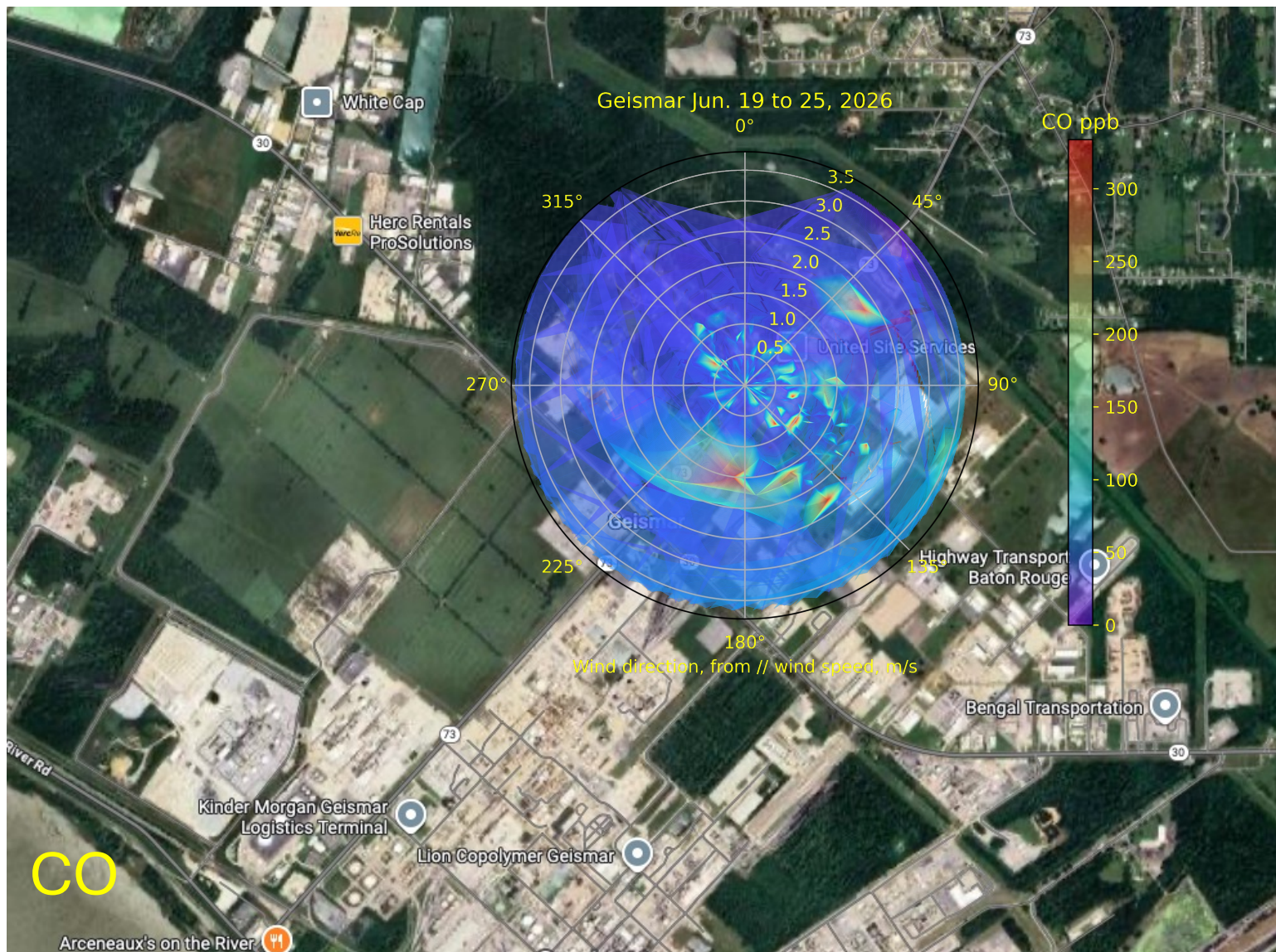
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	0.4	0.5	0.2	0.6	-0.6	2.5	53
PM ₁ 8 to 11	0.3	0.2	0.0	0.4	-0.2	1.4	49
PM ₁ 11 to 16	-0.3	-0.2	-0.4	-0.1	-1.4	2.0	74
PM ₁ 16 to 19	-0.4	-0.5	-1.3	-0.1	-1.3	2.0	42
PM ₁ 19 to 4	0.0	-0.2	-0.9	0.7	-1.3	4.4	140

PM₁₀ hourly distribution

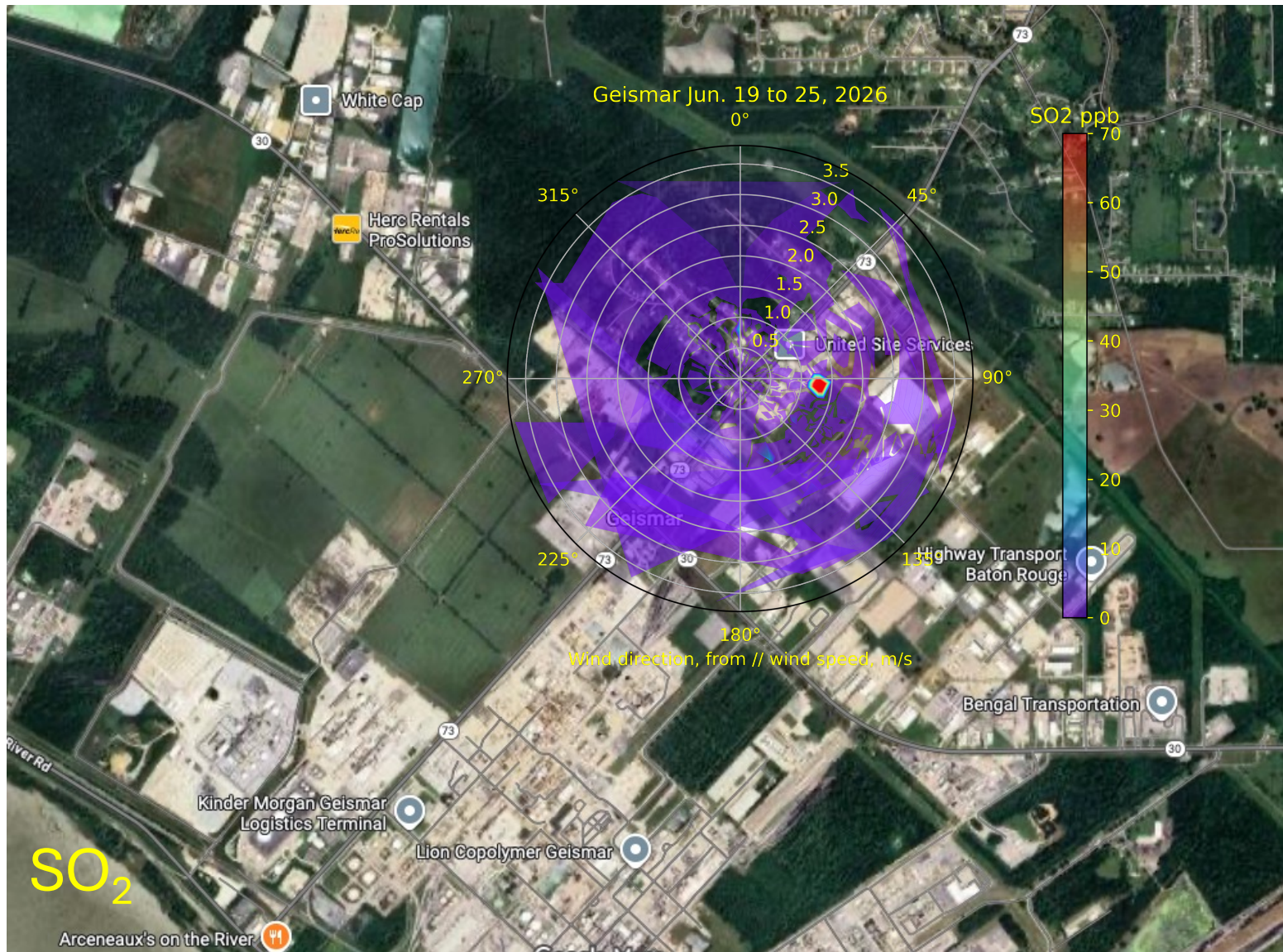


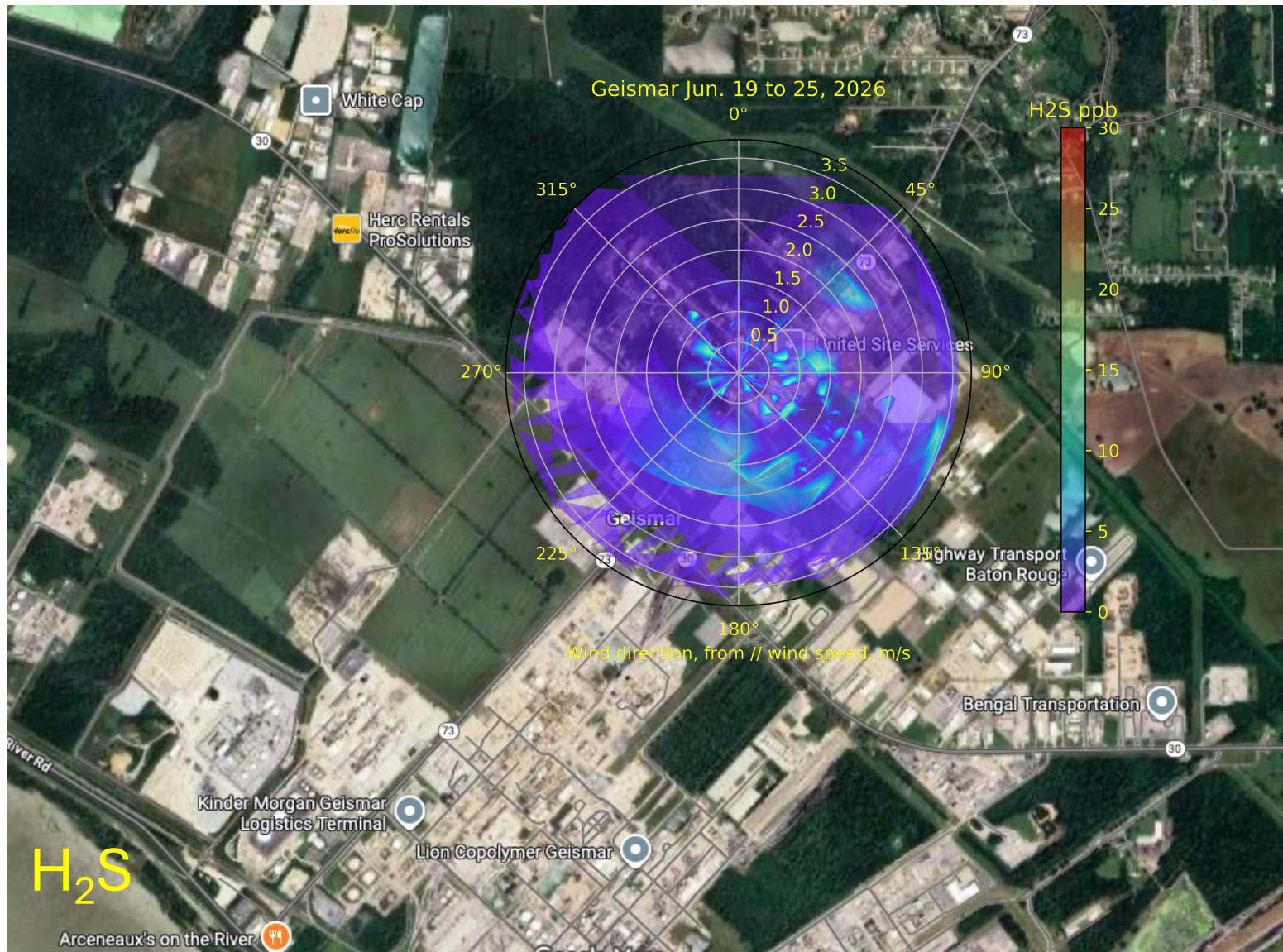
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	23.7	23.1	20.1	27.0	13.2	43.0	53
PM ₁₀ 8 to 11	27.1	26.2	23.5	29.6	19.4	41.4	49
PM ₁₀ 11 to 16	19.8	20.9	18.1	23.6	5.1	30.0	74
PM ₁₀ 16 to 19	16.4	16.5	6.4	20.8	5.1	36.0	42
PM ₁₀ 19 to 4	19.7	20.4	10.7	27.3	5.9	44.3	140

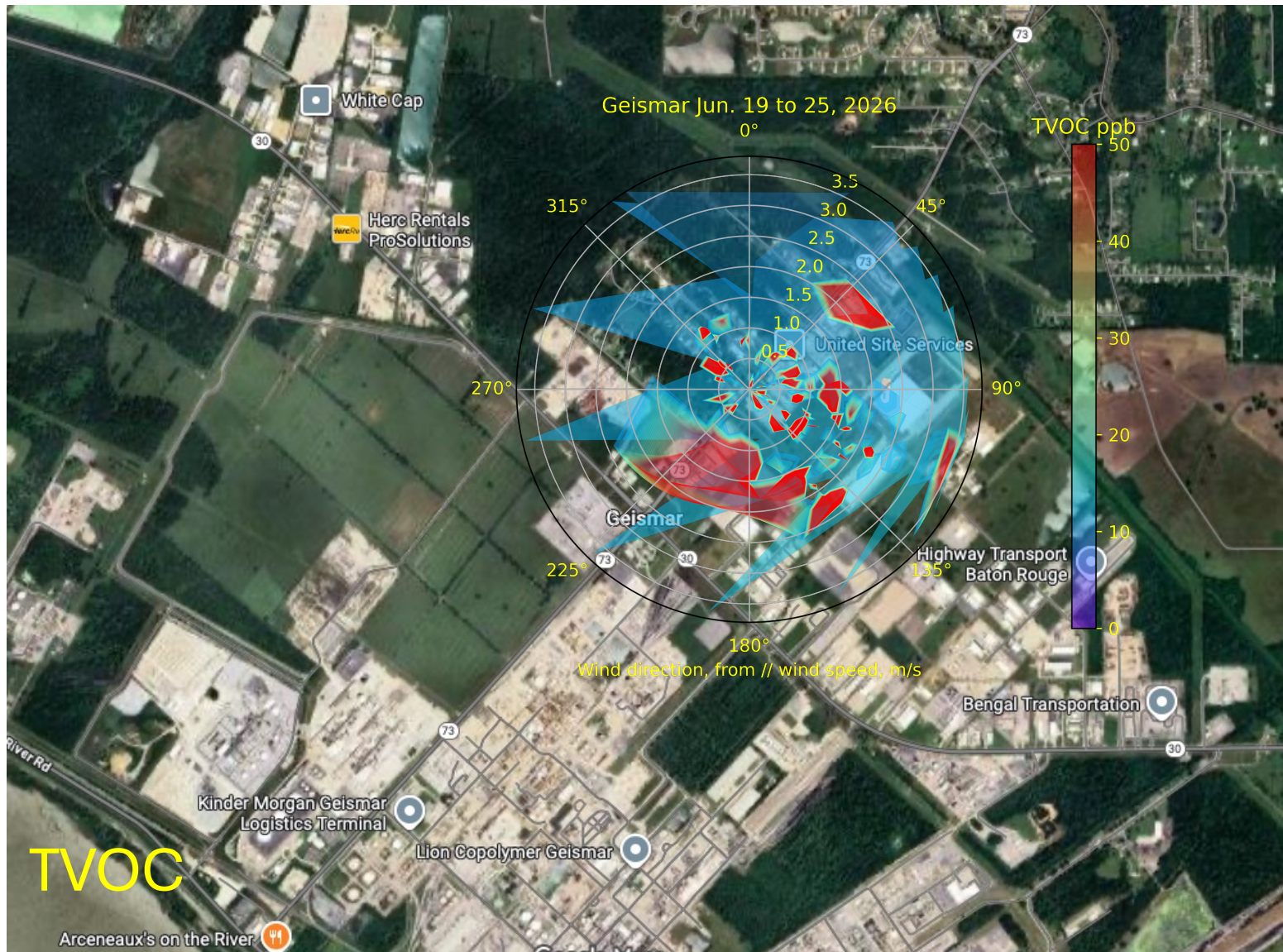
PM₁ data is not referenced and calibrated against regulatory monitor

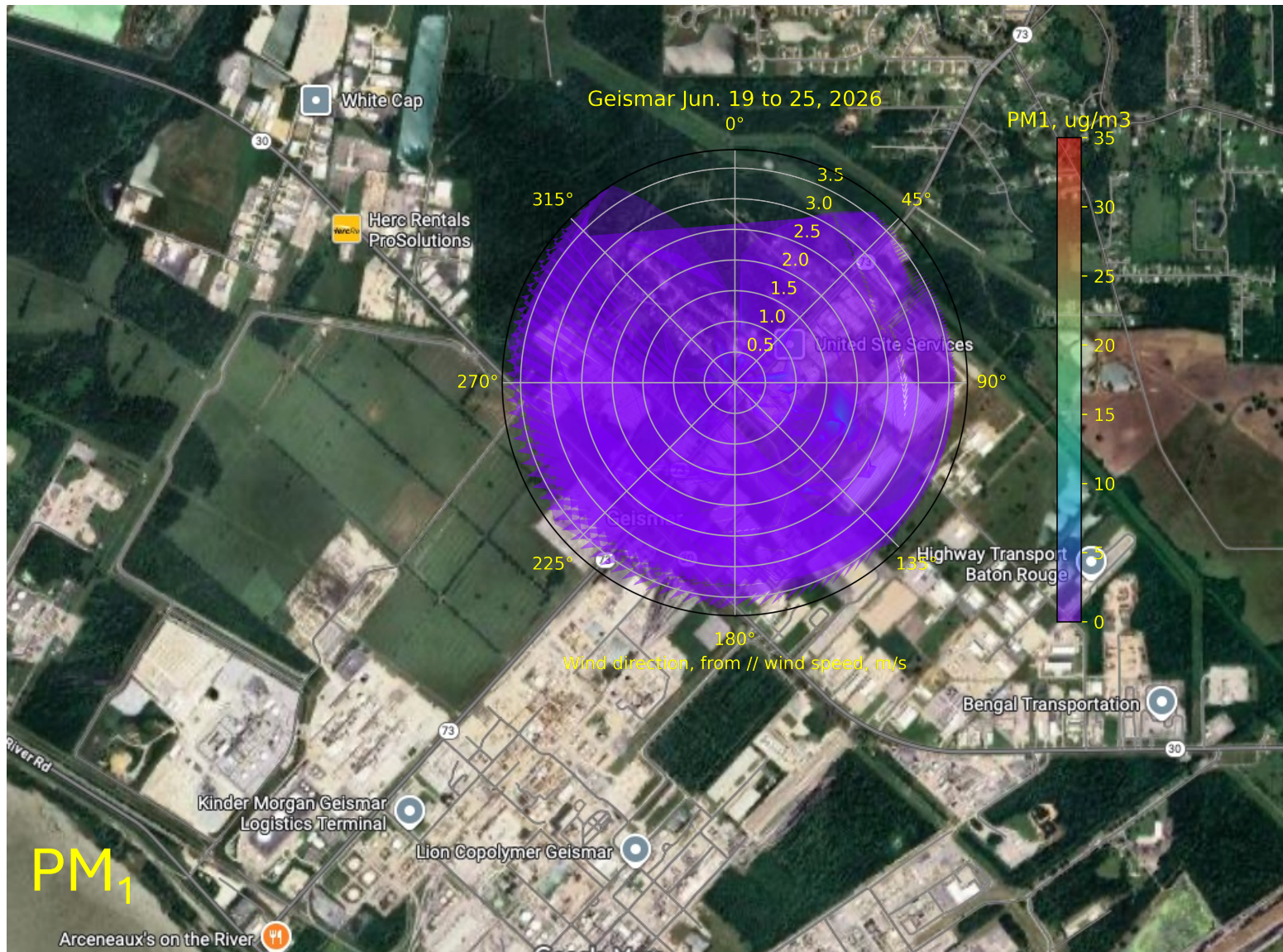


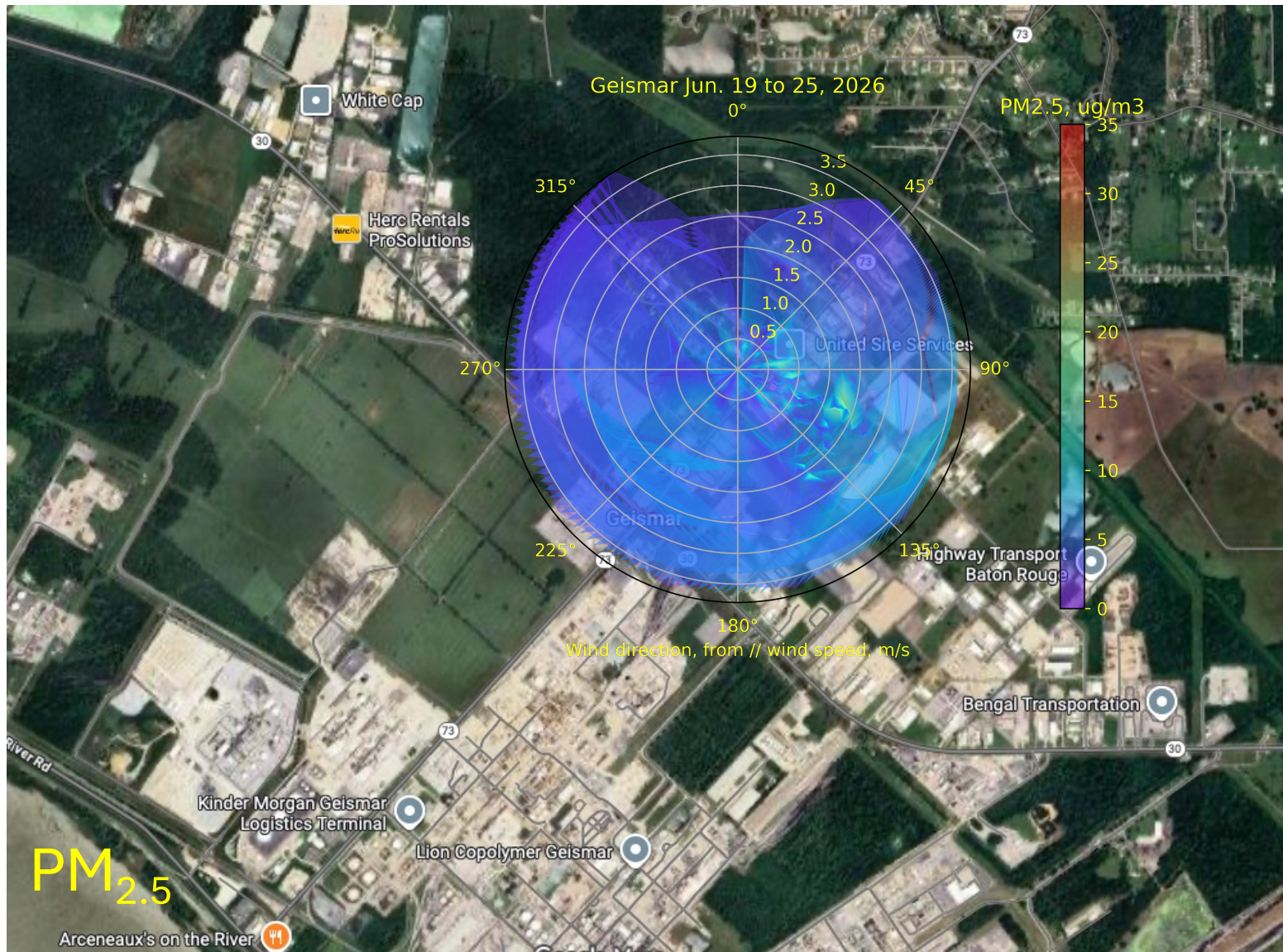














GEISMAR POD

6/19-6/25

- TVOC High at certain times. It is driven most dominantly by soth winds but also South East and North East directions are driving TVOCs

