

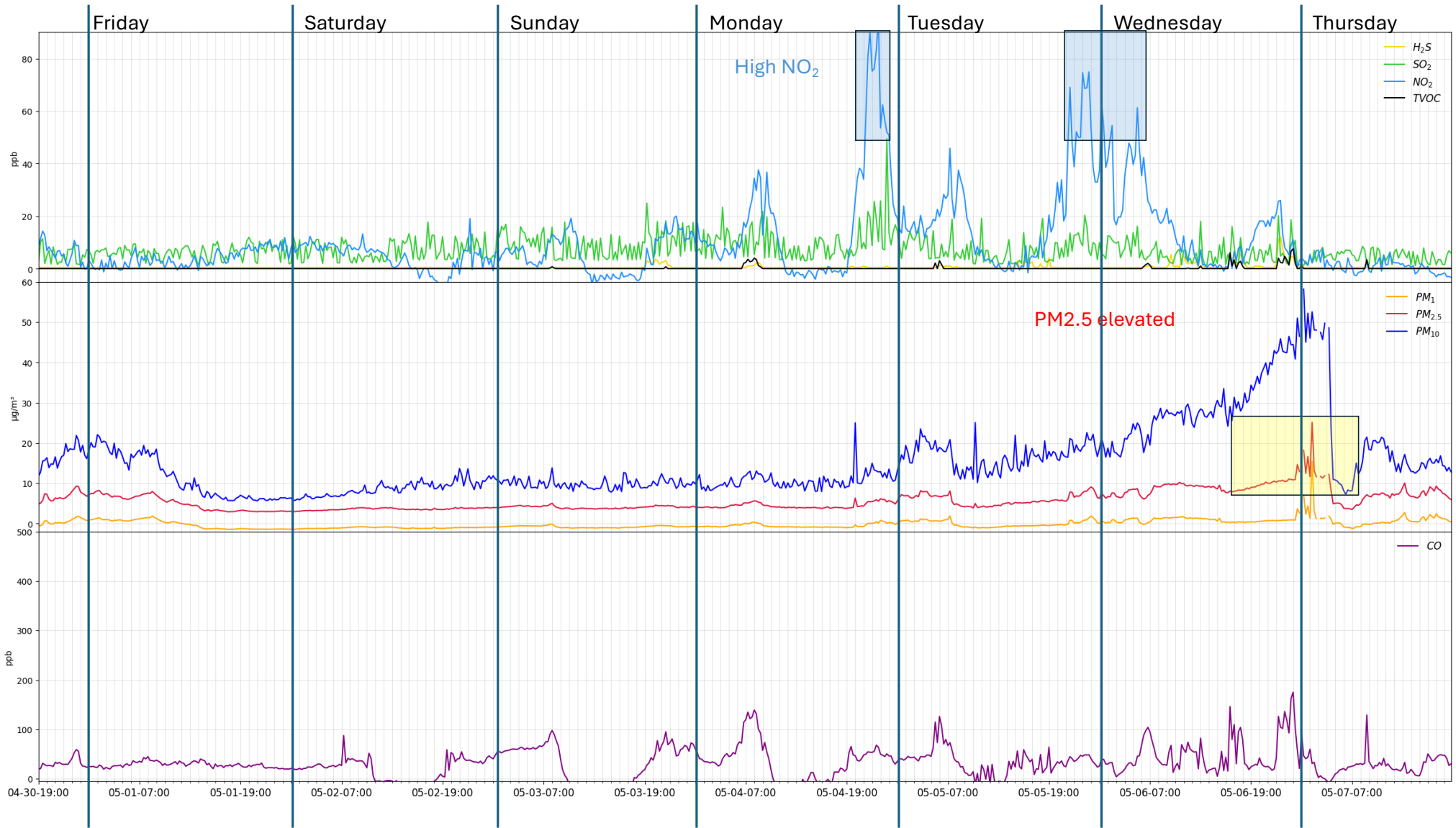
Geismar POD

May 1 – May 7, 2026

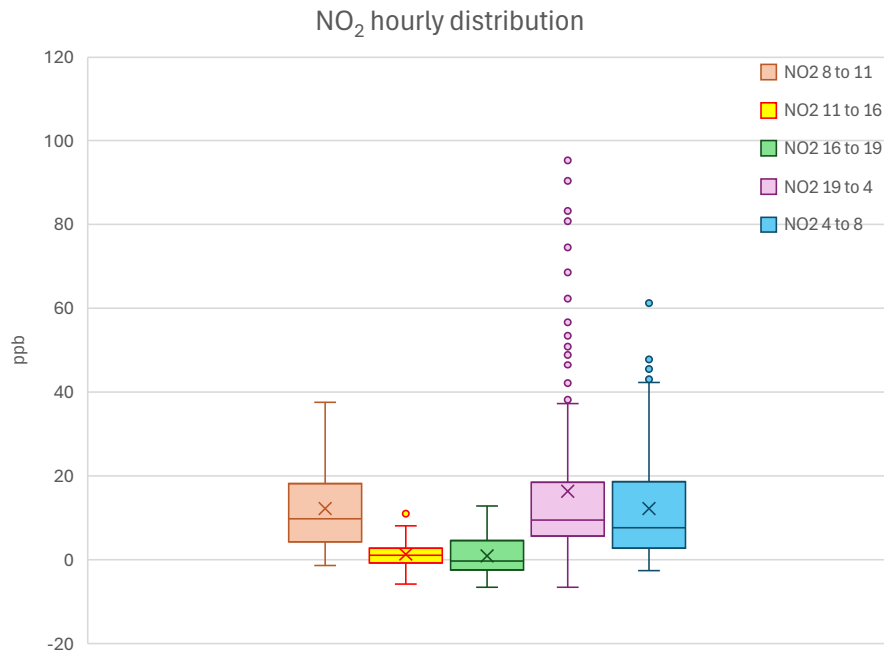
Disclaimer

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.

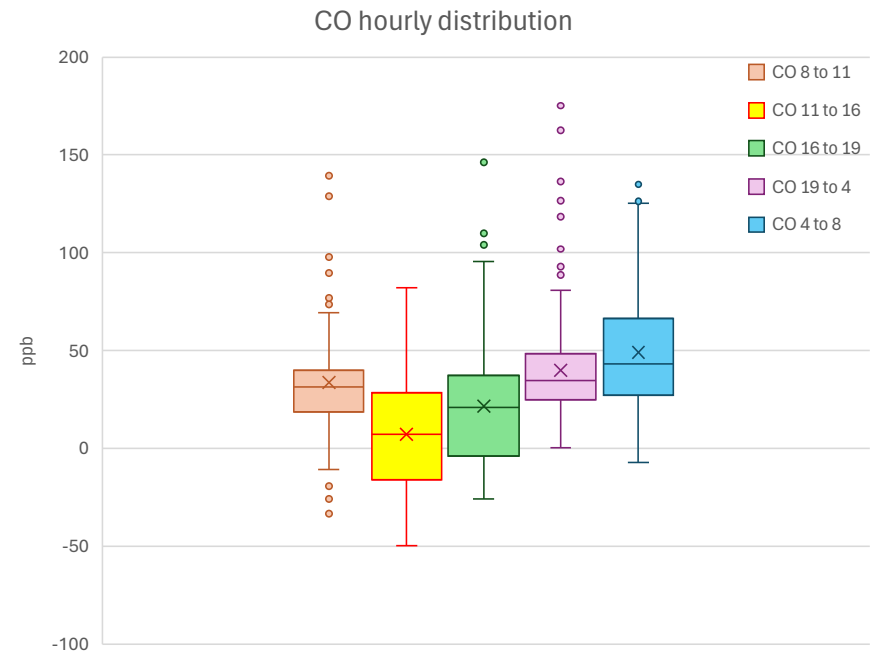
At the same time, most of the sensors are subject to QA/QC procedures and are calibrated and evaluated against official regulatory monitors.



Hourly concentration distribution



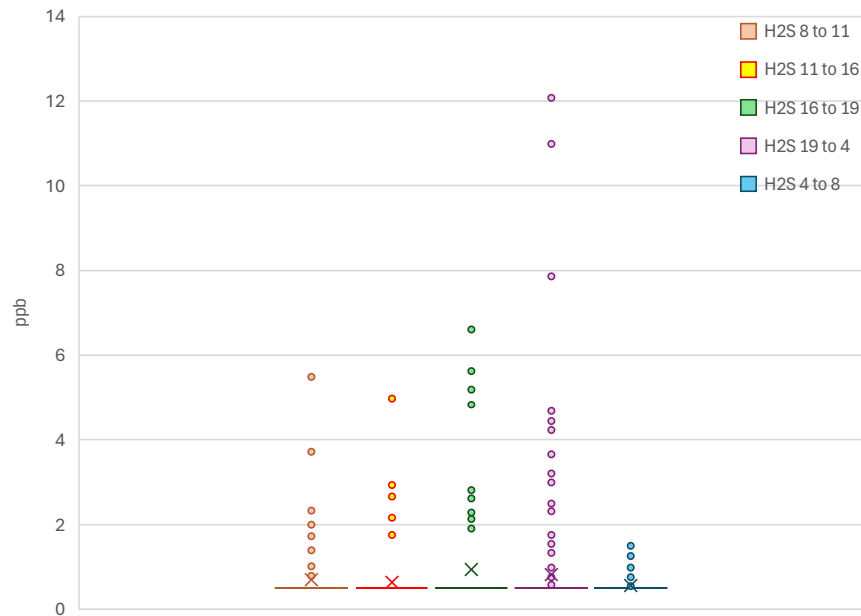
ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	12.2	7.7	2.7	18.7	-2.6	61.3	112
NO ₂ 8 to 11	12.3	9.8	4.4	18.2	-1.4	37.7	84
NO ₂ 11 to 16	1.3	1.2	-0.7	2.9	-5.8	12.5	140
NO ₂ 16 to 19	1.0	-0.3	-2.4	4.6	-6.5	12.8	84
NO ₂ 19 to 4	16.4	9.5	5.6	18.6	-6.5	95.3	252



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	49.1	43.1	27.0	66.3	-7.4	134.9	112
CO 8 to 11	33.8	31.2	18.5	39.9	-33.5	139.2	84
CO 11 to 16	7.2	7.3	-15.9	28.3	-49.6	82.2	140
CO 16 to 19	21.5	21.0	-3.9	37.1	-25.8	146.1	84
CO 19 to 4	39.8	34.6	24.8	48.5	0.3	175.2	252

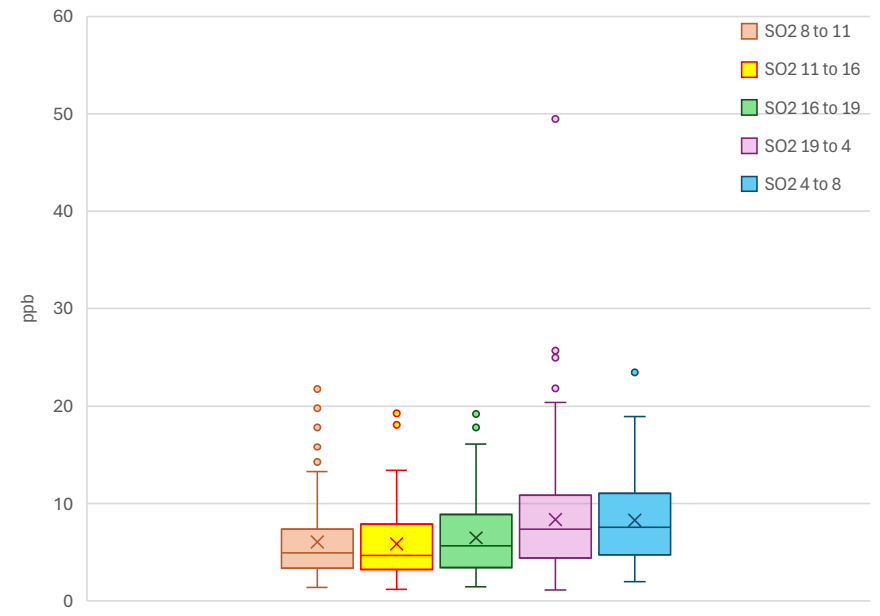
Hourly concentration distribution

H₂S hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	0.6	0.5	0.5	0.5	0.5	1.5	112
H ₂ S 8 to 11	0.7	0.5	0.5	0.5	0.5	5.5	84
H ₂ S 11 to 16	0.6	0.5	0.5	0.5	0.5	5.0	140
H ₂ S 16 to 19	0.9	0.5	0.5	0.5	0.5	6.6	84
H ₂ S 19 to 4	0.8	0.5	0.5	0.5	0.5	12.1	252

SO₂ hourly distribution

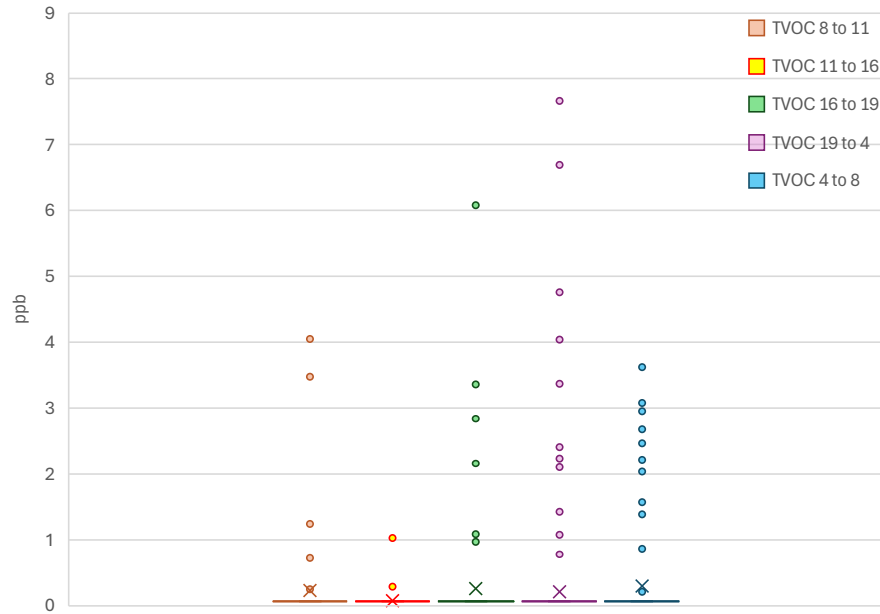


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	8.3	7.6	4.7	11.1	2.0	23.5	112
SO ₂ 8 to 11	6.1	4.9	3.4	7.4	1.4	21.8	84
SO ₂ 11 to 16	5.8	4.7	3.2	7.9	1.2	19.2	140
SO ₂ 16 to 19	6.5	5.6	3.4	8.9	1.5	19.2	84
SO ₂ 19 to 4	8.4	7.4	4.4	10.9	1.2	49.5	252

H₂S data is not referenced and calibrated against regulatory monitor

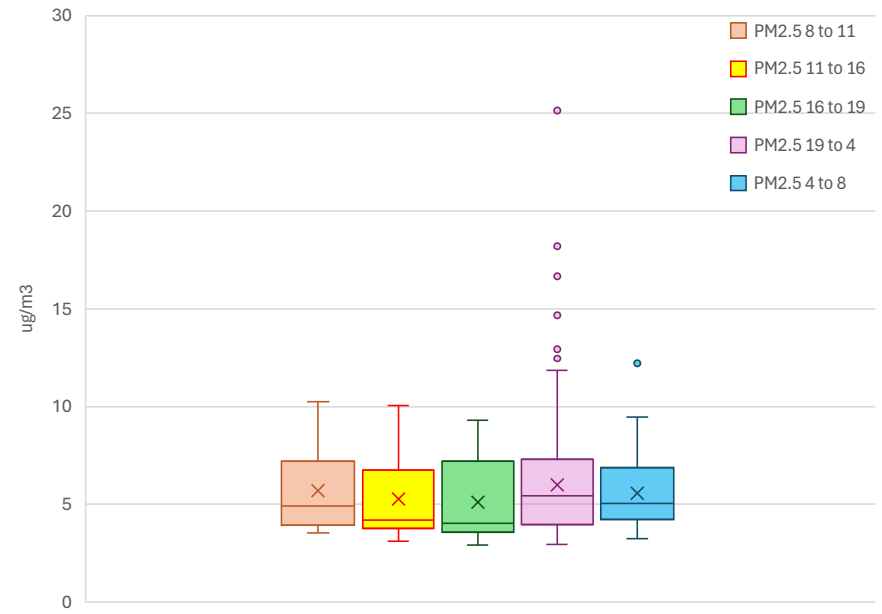
Hourly concentration distribution

TVOC hourly distribution



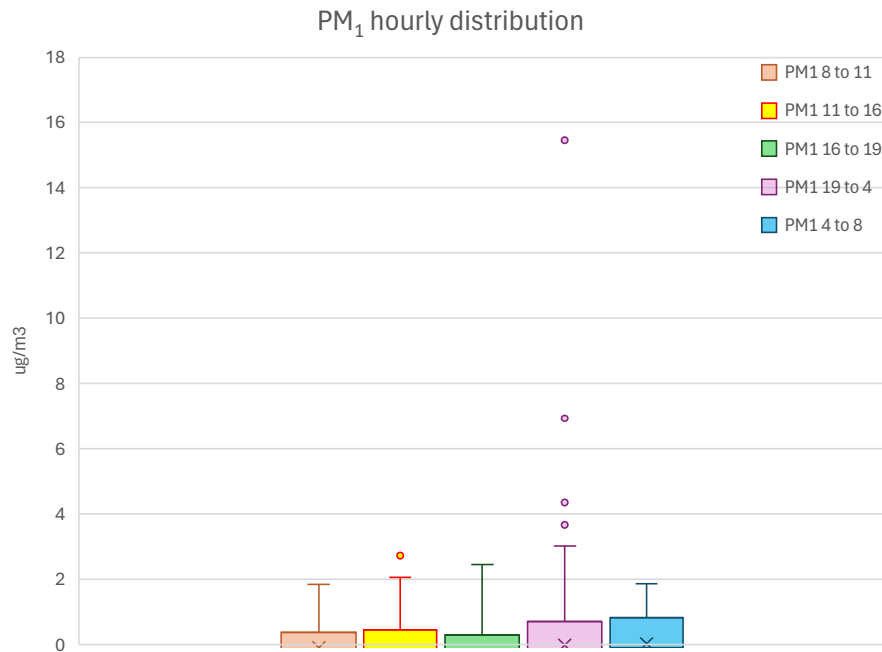
ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	0.3	0.1	0.1	0.1	0.1	3.6	112
TVOC 8 to 11	0.2	0.1	0.1	0.1	0.1	4.1	84
TVOC 11 to 16	0.1	0.1	0.1	0.1	0.1	1.0	140
TVOC 16 to 19	0.3	0.1	0.1	0.1	0.1	6.1	84
TVOC 19 to 4	0.2	0.1	0.1	0.1	0.1	7.7	252

PM_{2.5} hourly distribution

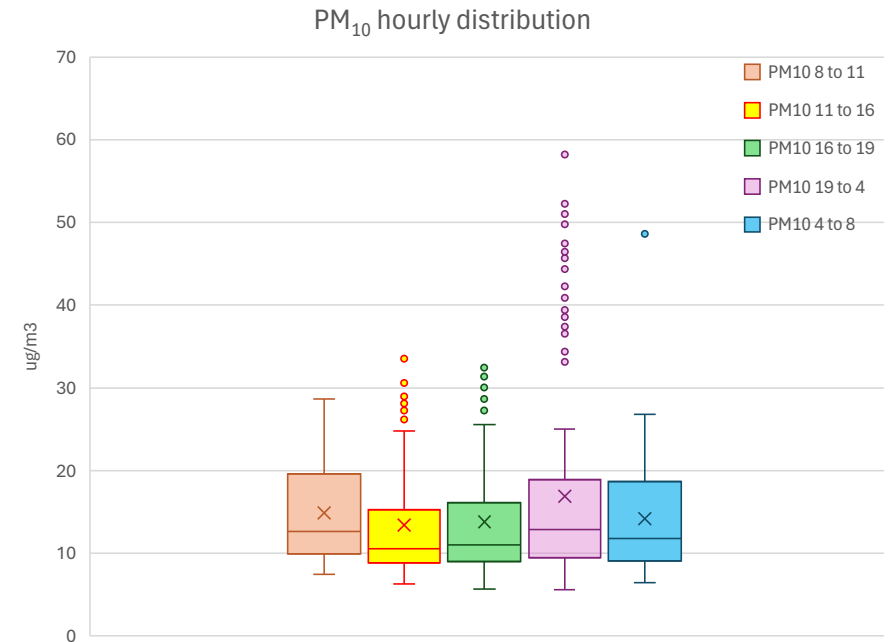


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	5.6	5.1	4.2	6.9	3.3	12.2	111
PM _{2.5} 8 to 11	5.7	4.9	3.9	7.2	3.6	10.2	84
PM _{2.5} 11 to 16	5.3	4.2	3.8	6.7	3.1	10.1	140
PM _{2.5} 16 to 19	5.1	4.0	3.6	7.2	2.9	9.3	84
PM _{2.5} 19 to 4	6.0	5.5	4.0	7.3	2.9	25.1	250

Hourly concentration distribution

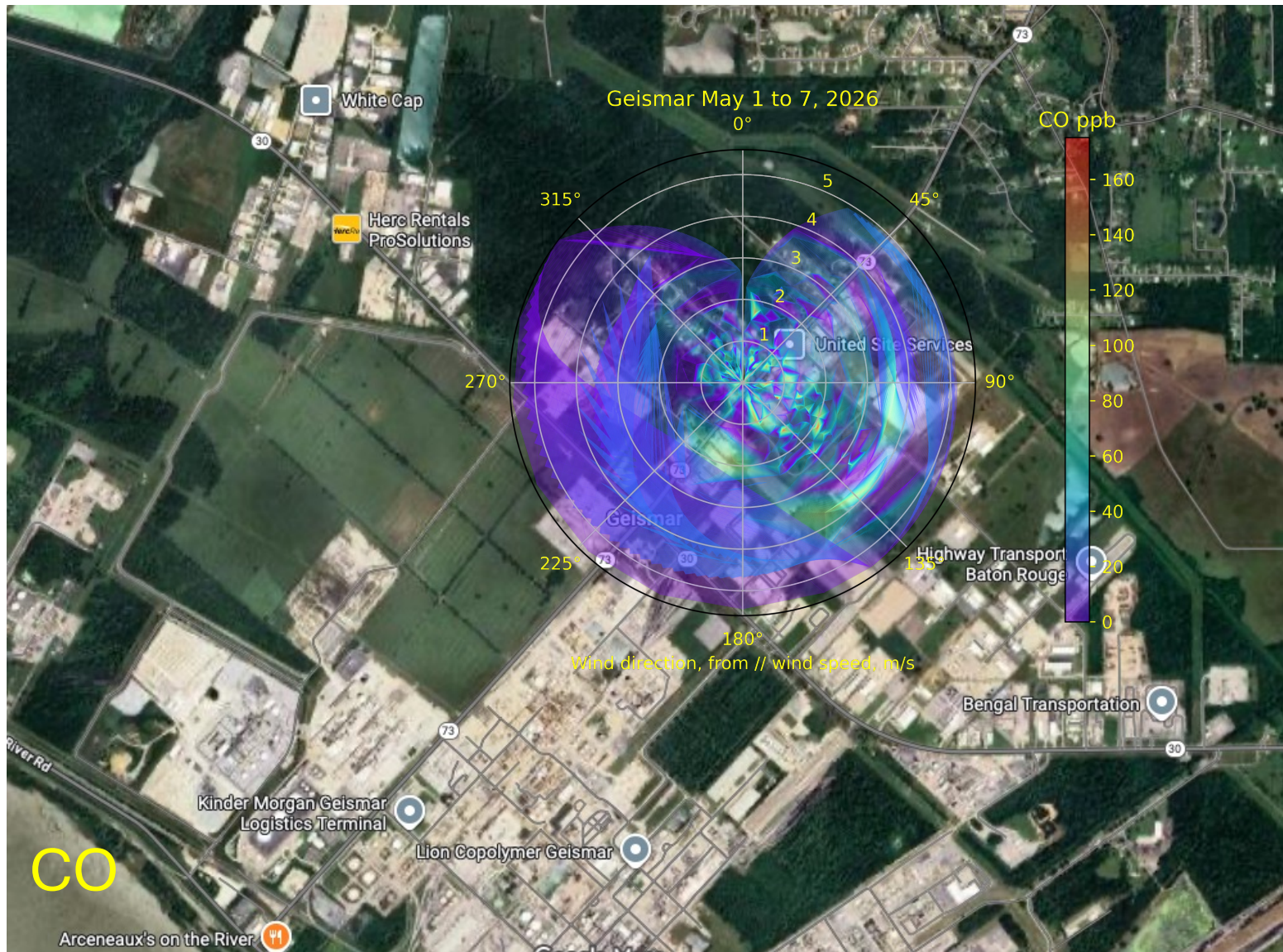


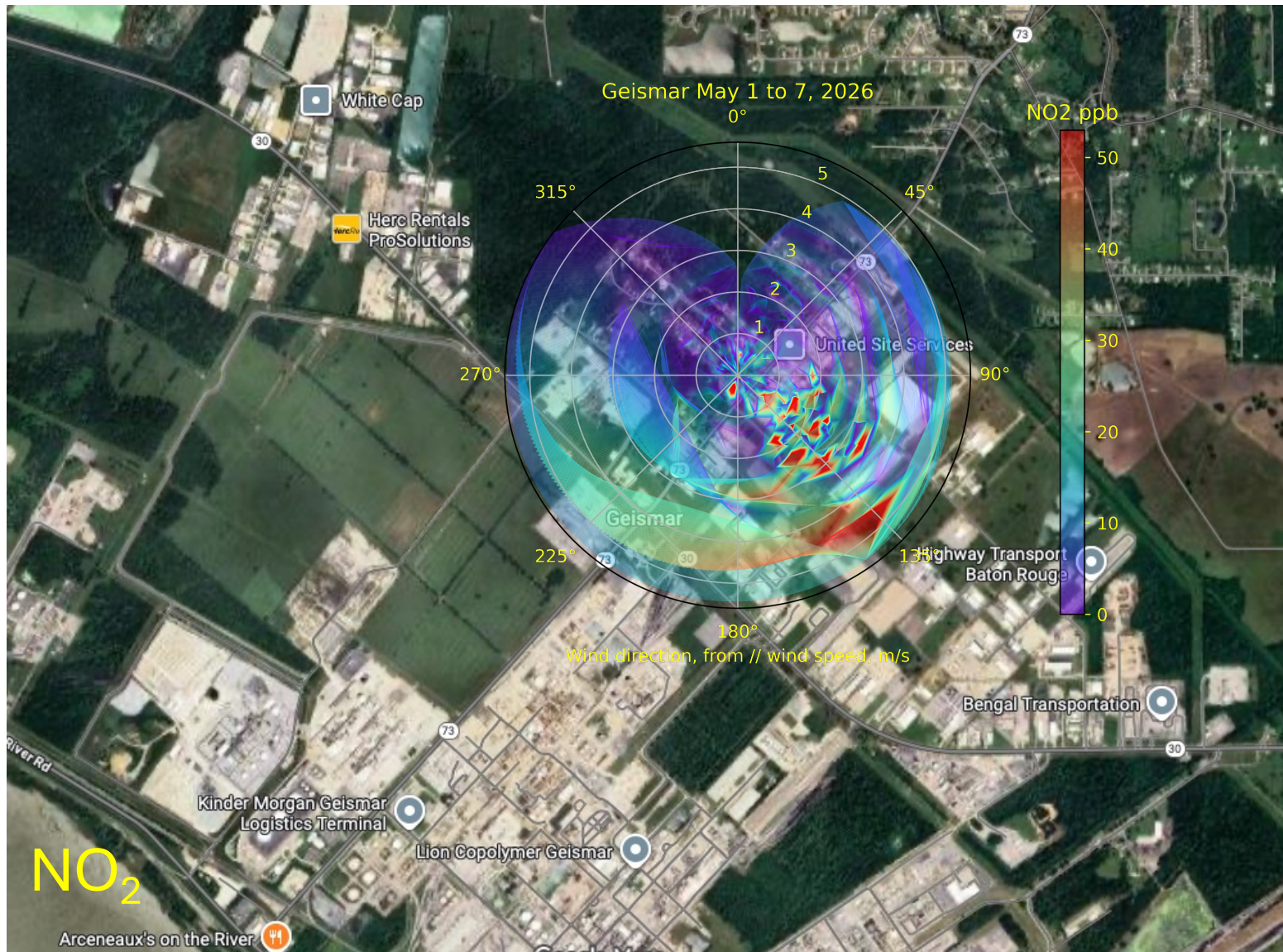
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	0.0	-0.1	-0.7	0.8	-1.2	1.9	111
PM ₁ 8 to 11	-0.1	-0.5	-0.9	0.4	-1.1	1.9	84
PM ₁ 11 to 16	-0.3	-0.8	-1.0	0.5	-1.3	2.7	140
PM ₁ 16 to 19	-0.4	-0.9	-1.2	0.3	-1.5	2.5	84
PM ₁ 19 to 4	0.0	-0.3	-0.9	0.7	-1.4	15.5	250

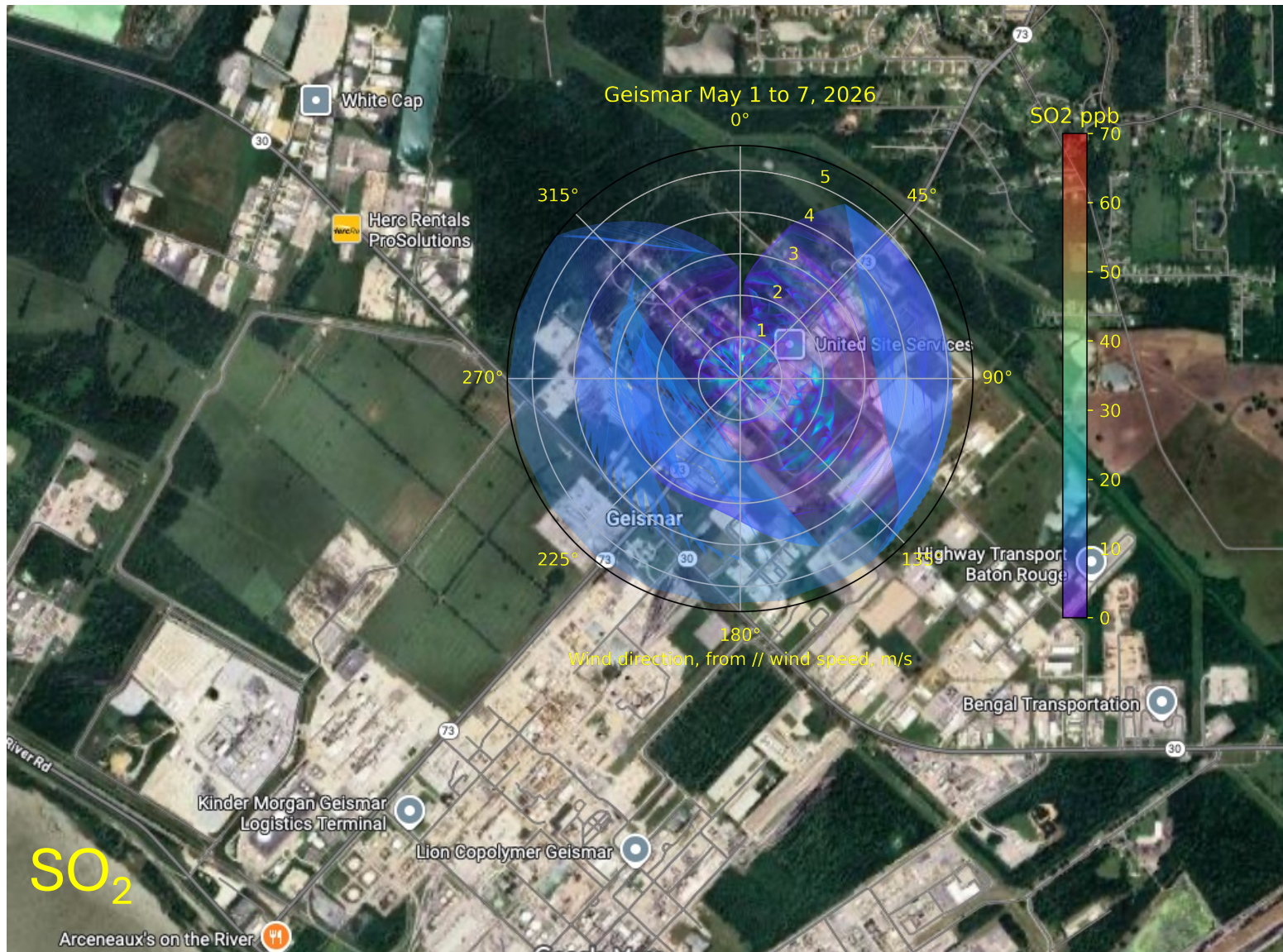


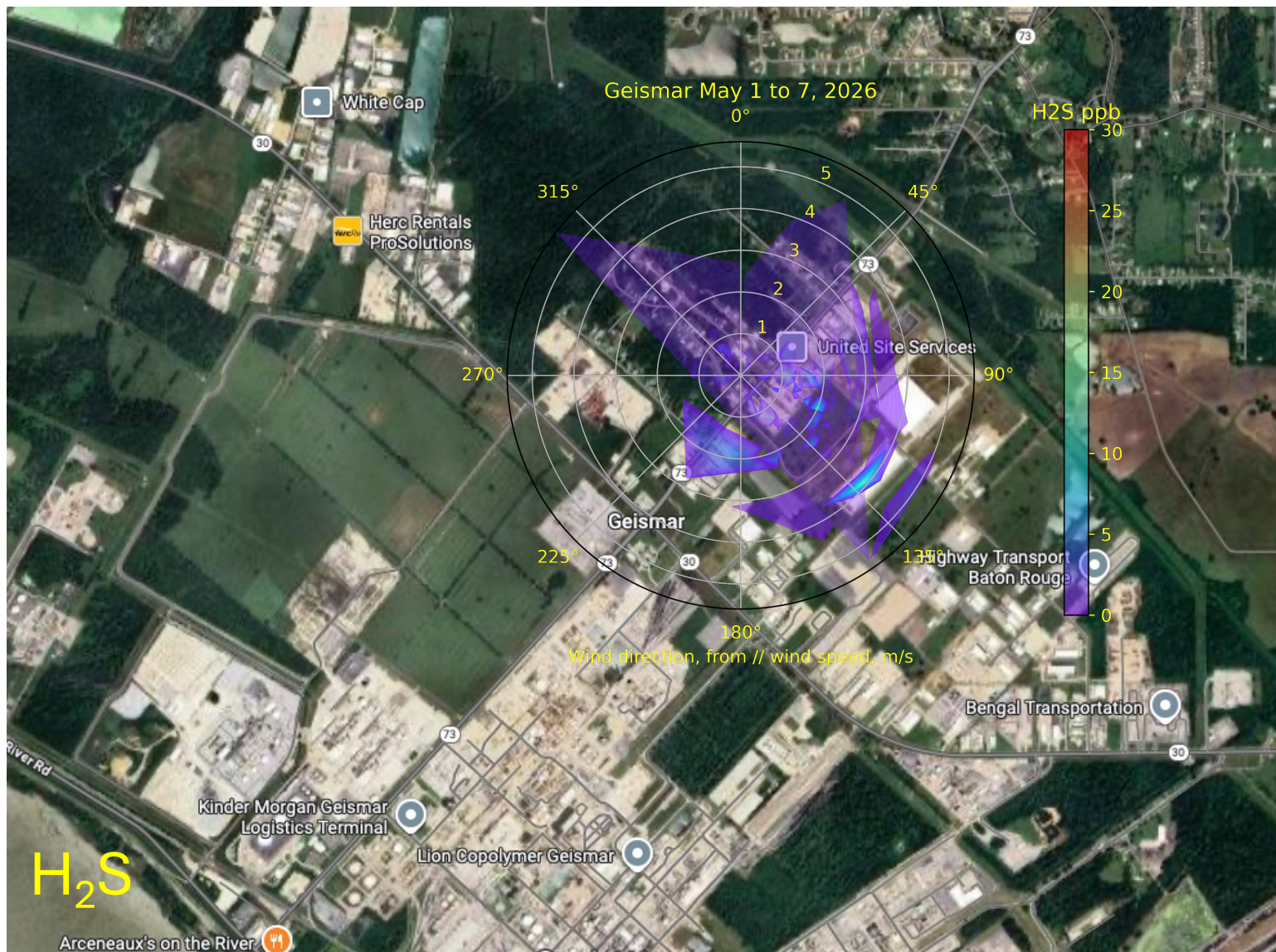
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	14.2	11.8	9.1	18.7	6.5	48.6	111
PM ₁₀ 8 to 11	14.9	12.6	9.9	19.6	7.4	28.6	84
PM ₁₀ 11 to 16	13.4	10.6	8.9	15.3	6.3	33.5	140
PM ₁₀ 16 to 19	13.8	11.0	9.0	16.2	5.7	32.4	84
PM ₁₀ 19 to 4	16.9	12.9	9.5	19.0	5.6	58.2	250

PM₁ data is not referenced and calibrated against regulatory monitor

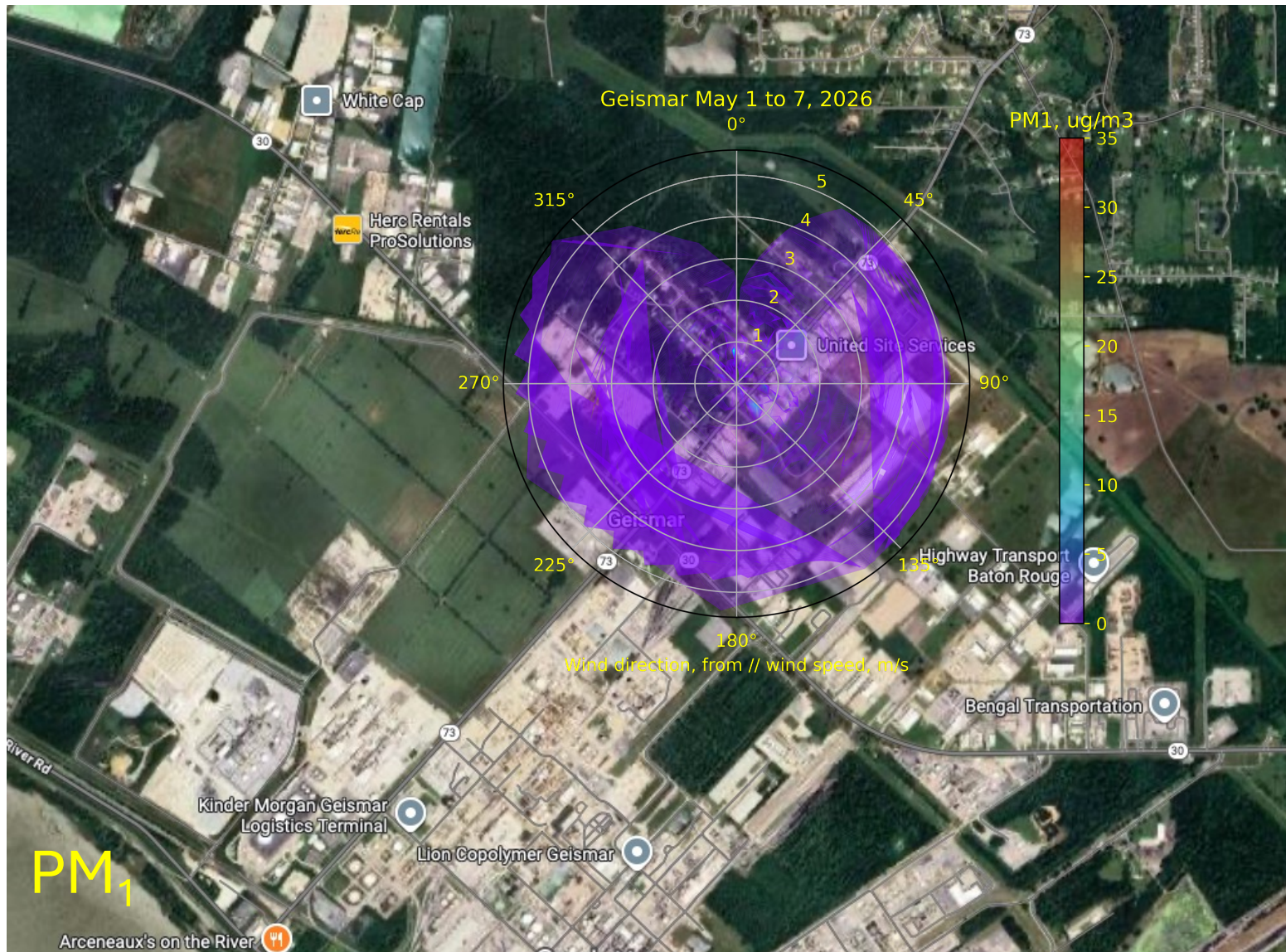




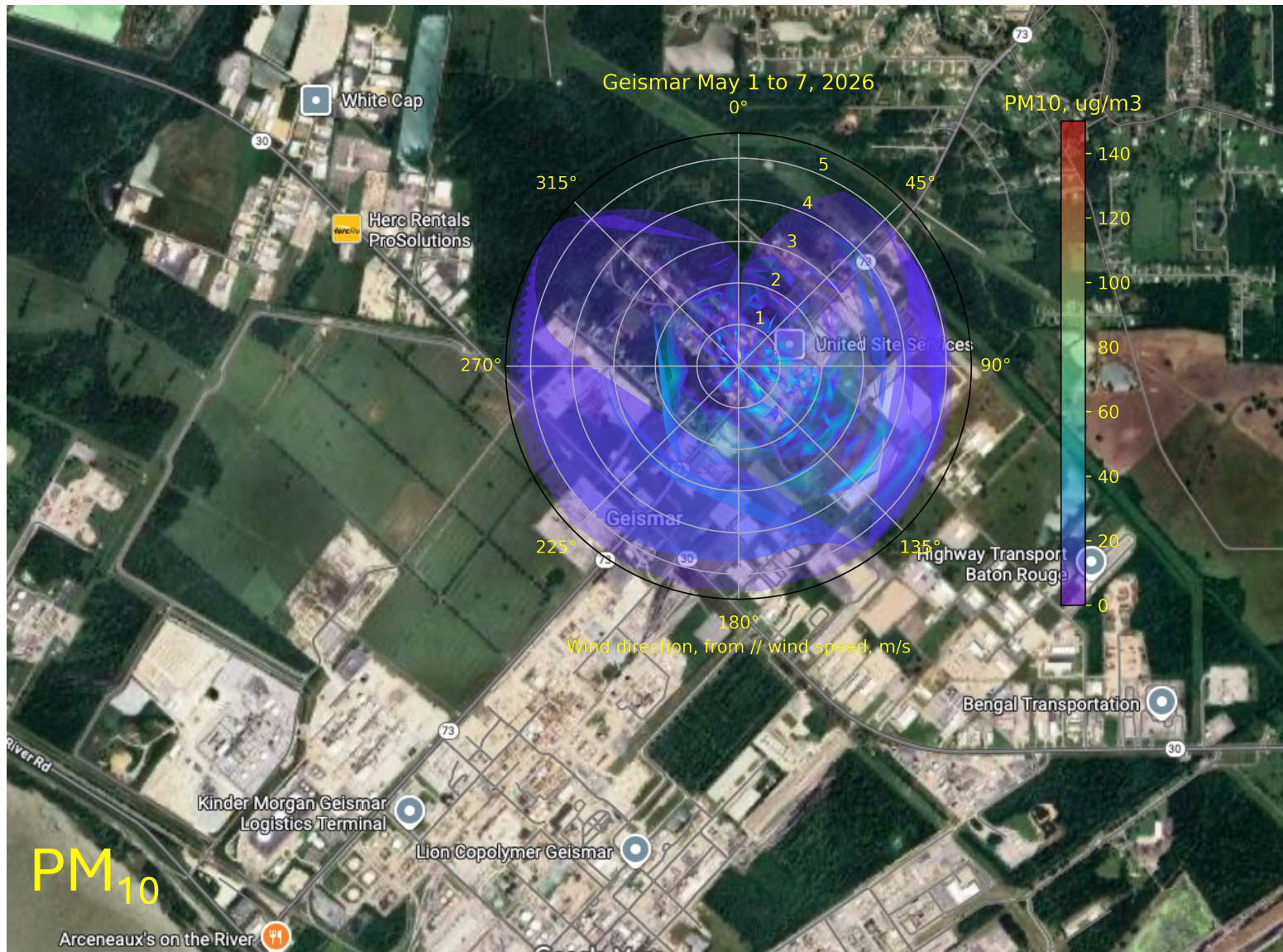












GEISMAR POD

5/1-5/7

- No major air pollution events

