

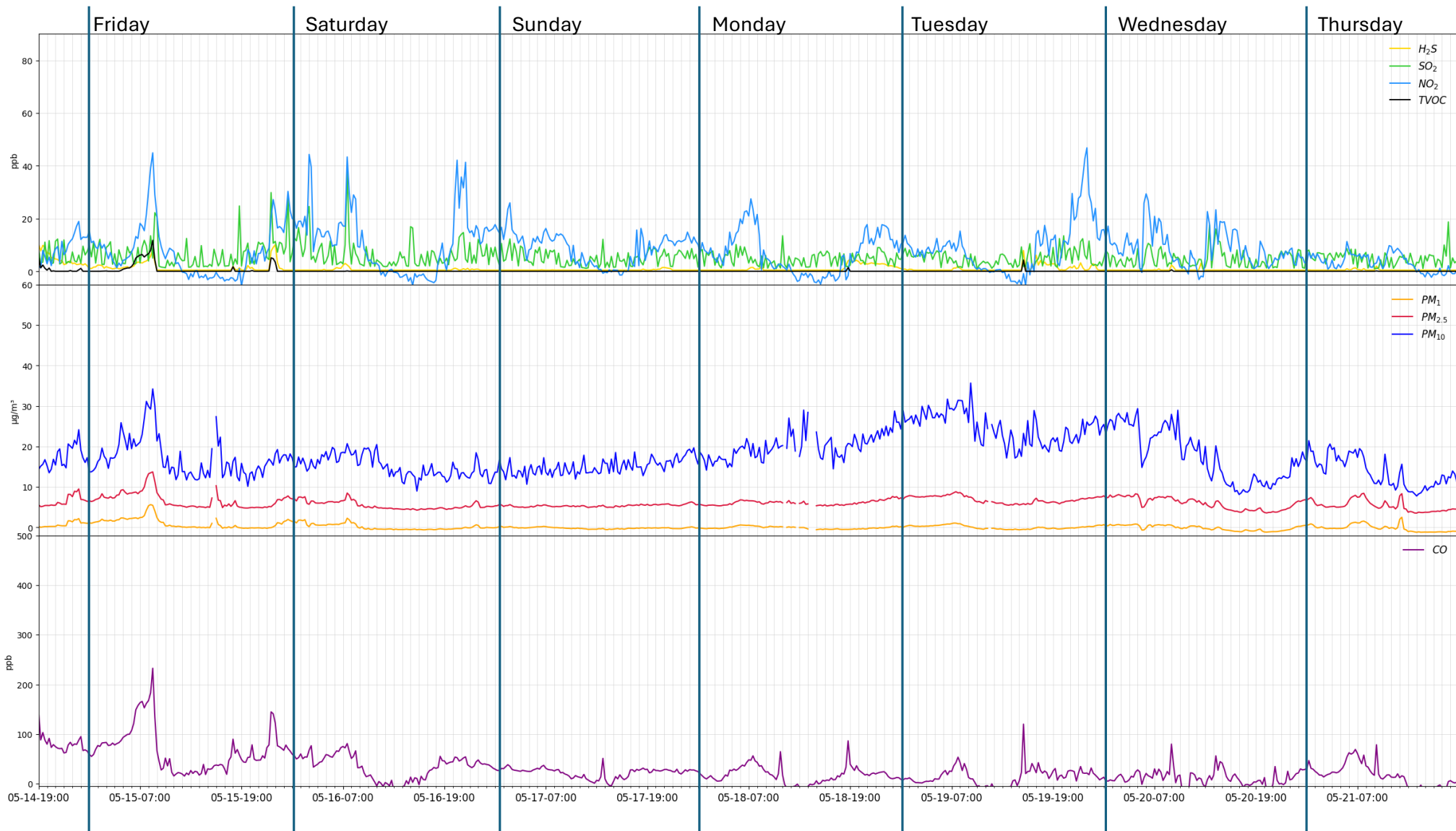
Geismar POD

May 15 – May 21, 2026

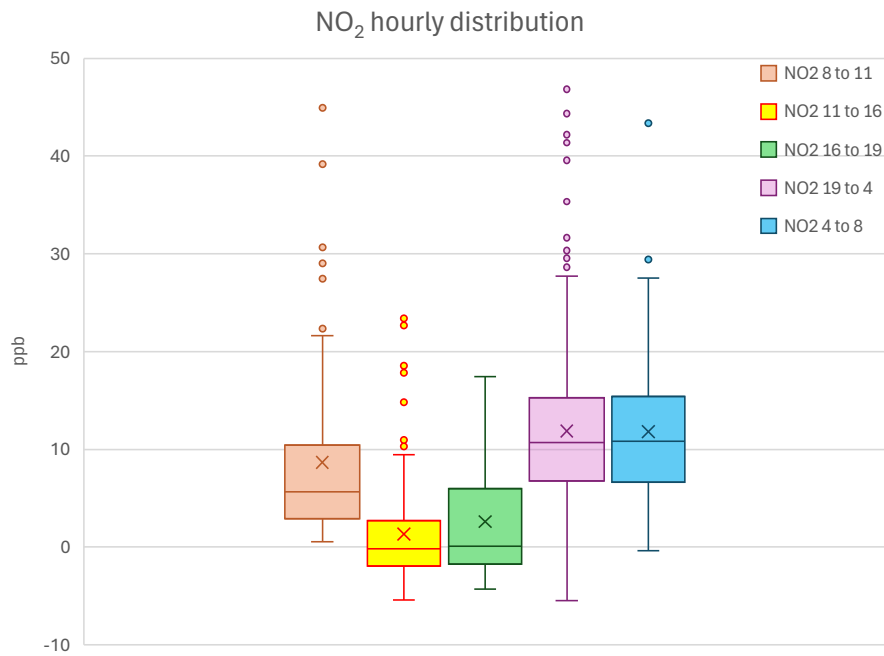
Disclaimer

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.

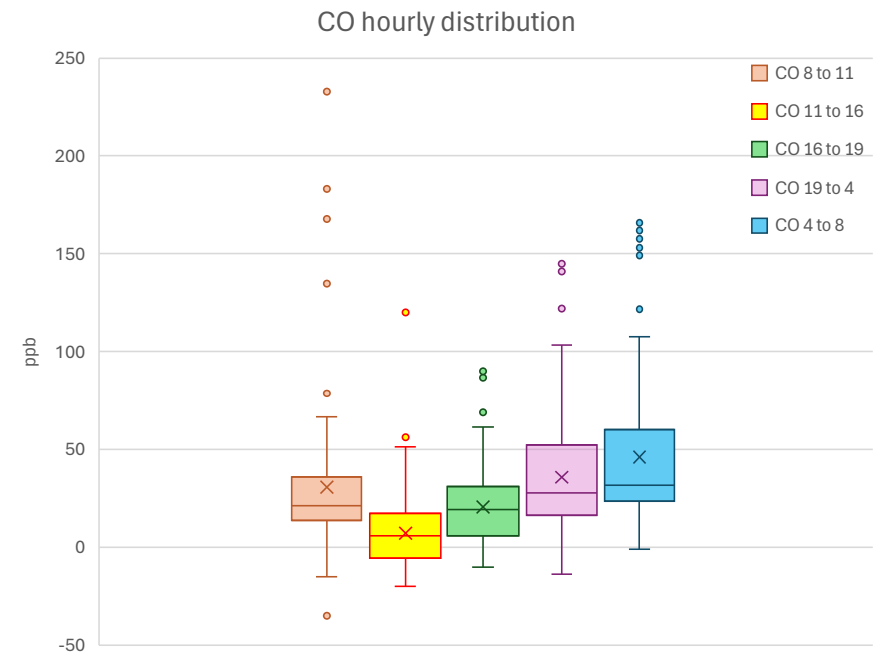
At the same time, most of the sensors are subject to QA/QC procedures and are calibrated and evaluated against official regulatory monitors.



Hourly concentration distribution

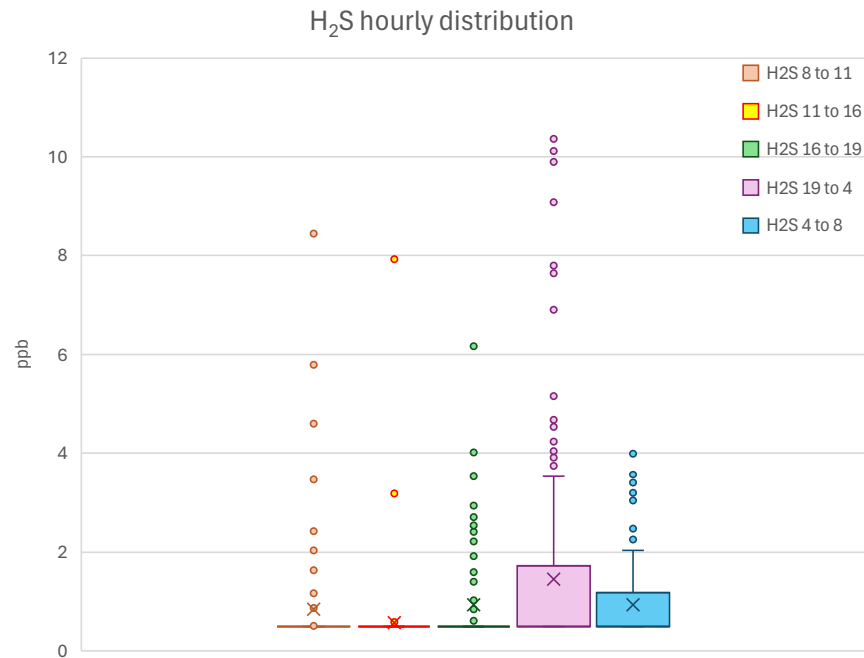


ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	11.8	10.8	6.7	15.4	-0.4	43.4	112
NO ₂ 8 to 11	8.7	5.6	2.9	10.5	0.6	44.9	84
NO ₂ 11 to 16	1.4	-0.2	-1.9	2.7	-5.4	23.4	140
NO ₂ 16 to 19	2.6	0.1	-1.8	6.0	-4.3	17.5	84
NO ₂ 19 to 4	11.9	10.7	6.7	15.4	-5.5	46.8	252

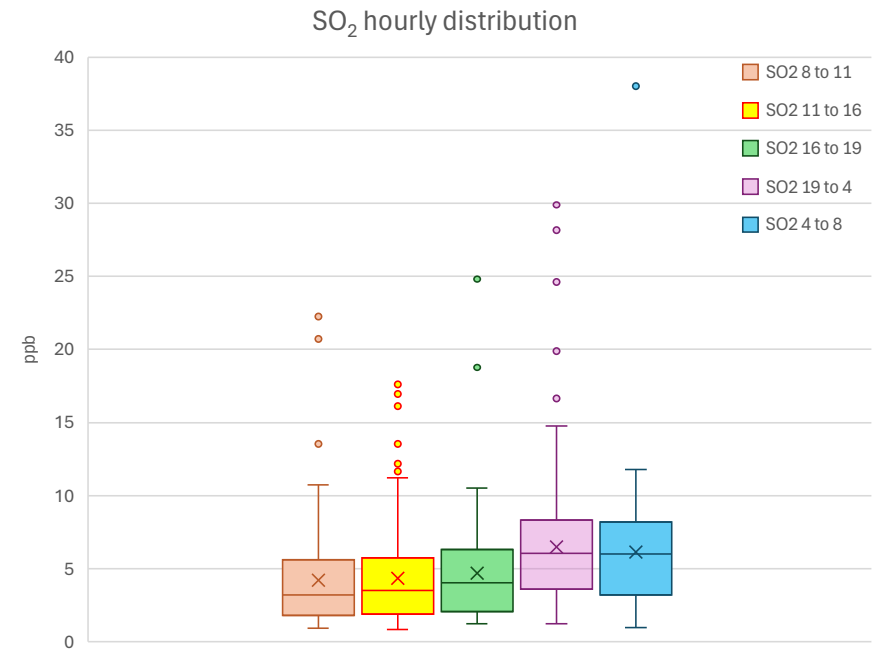


ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	46.2	31.7	23.6	60.0	-1.1	165.9	112
CO 8 to 11	30.7	21.2	13.6	35.9	-35.1	232.7	84
CO 11 to 16	7.0	5.9	-5.6	17.2	-20.2	120.1	140
CO 16 to 19	20.6	19.4	5.9	30.8	-10.3	89.9	84
CO 19 to 4	35.7	27.8	16.2	52.5	-13.8	145.0	252

Hourly concentration distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	0.9	0.5	0.5	1.2	0.5	4.0	112
H ₂ S 8 to 11	0.8	0.5	0.5	0.5	0.5	8.4	84
H ₂ S 11 to 16	0.6	0.5	0.5	0.5	0.5	7.9	140
H ₂ S 16 to 19	0.9	0.5	0.5	0.5	0.5	6.2	84
H ₂ S 19 to 4	1.5	0.5	0.5	1.7	0.5	10.4	252

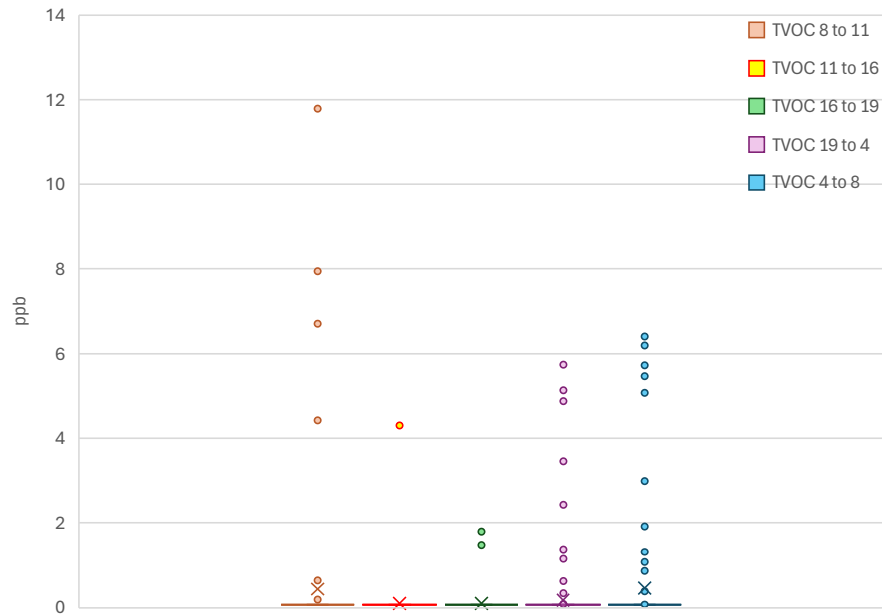


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	6.2	6.0	3.2	8.2	1.0	38.0	112
SO ₂ 8 to 11	4.2	3.2	1.8	5.6	0.9	22.3	84
SO ₂ 11 to 16	4.3	3.5	1.9	5.7	0.9	17.6	140
SO ₂ 16 to 19	4.7	4.0	2.1	6.3	1.3	24.8	84
SO ₂ 19 to 4	6.5	6.1	3.6	8.4	1.3	29.9	252

H₂S data is not referenced and calibrated against regulatory monitor

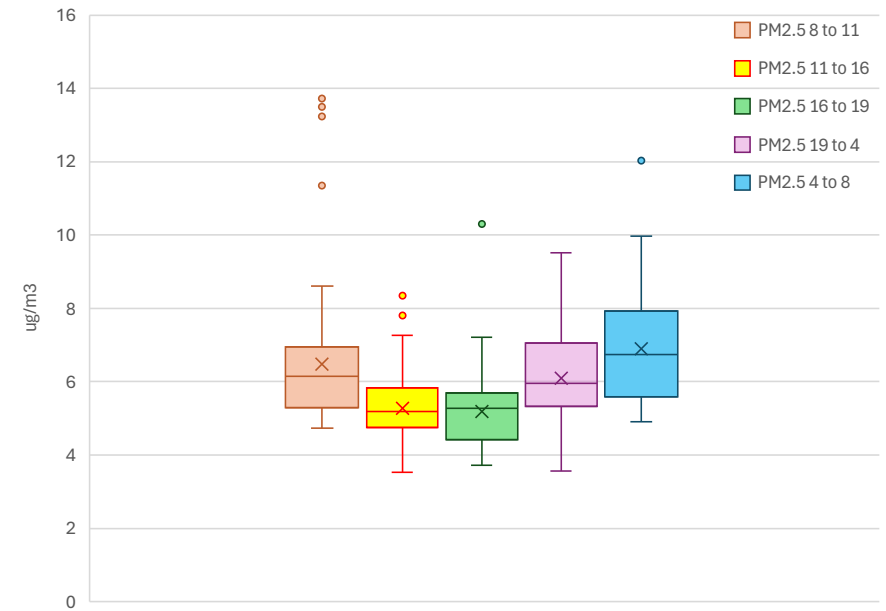
Hourly concentration distribution

TVOC hourly distribution



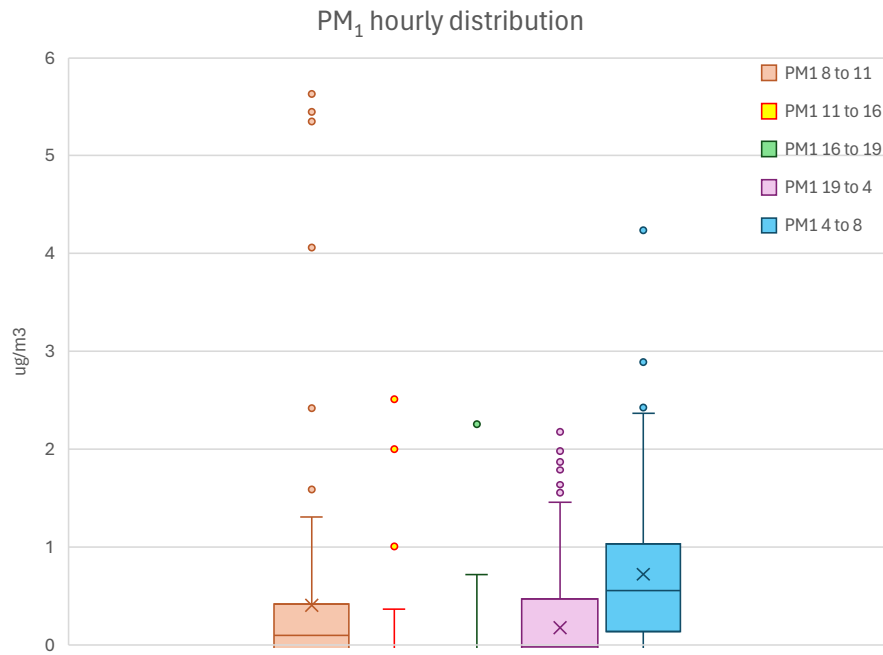
ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	0.5	0.1	0.1	0.1	0.1	6.4	112
TVOC 8 to 11	0.4	0.1	0.1	0.1	0.1	11.8	84
TVOC 11 to 16	0.1	0.1	0.1	0.1	0.1	4.3	140
TVOC 16 to 19	0.1	0.1	0.1	0.1	0.1	1.8	84
TVOC 19 to 4	0.2	0.1	0.1	0.1	0.1	5.7	252

PM_{2.5} hourly distribution

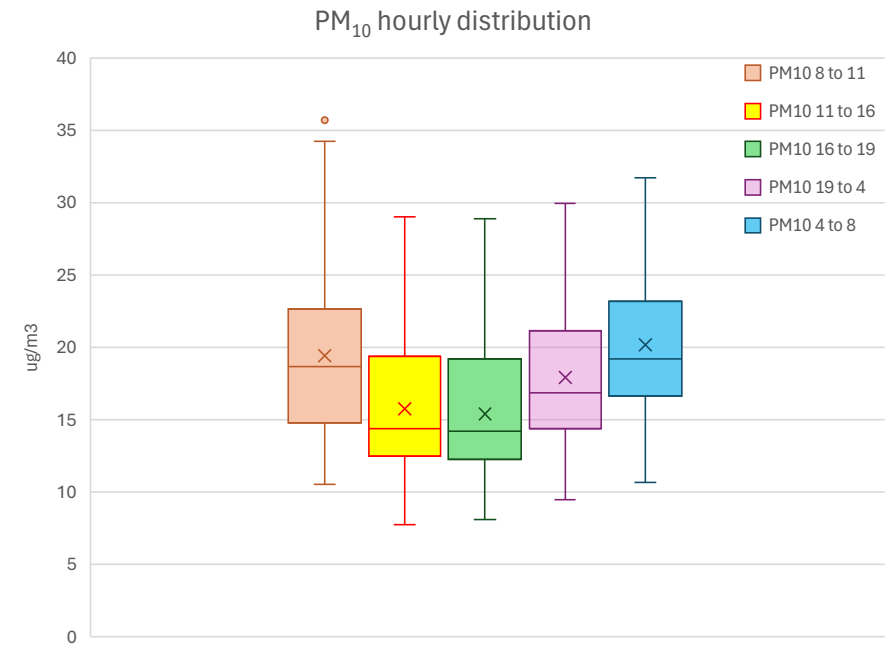


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	6.9	6.7	5.6	7.9	4.9	12.0	112
PM _{2.5} 8 to 11	6.5	6.2	5.3	7.0	4.7	13.7	84
PM _{2.5} 11 to 16	5.3	5.2	4.7	5.8	3.5	8.3	133
PM _{2.5} 16 to 19	5.2	5.3	4.4	5.7	3.7	10.3	84
PM _{2.5} 19 to 4	6.1	6.0	5.3	7.1	3.6	9.5	252

Hourly concentration distribution

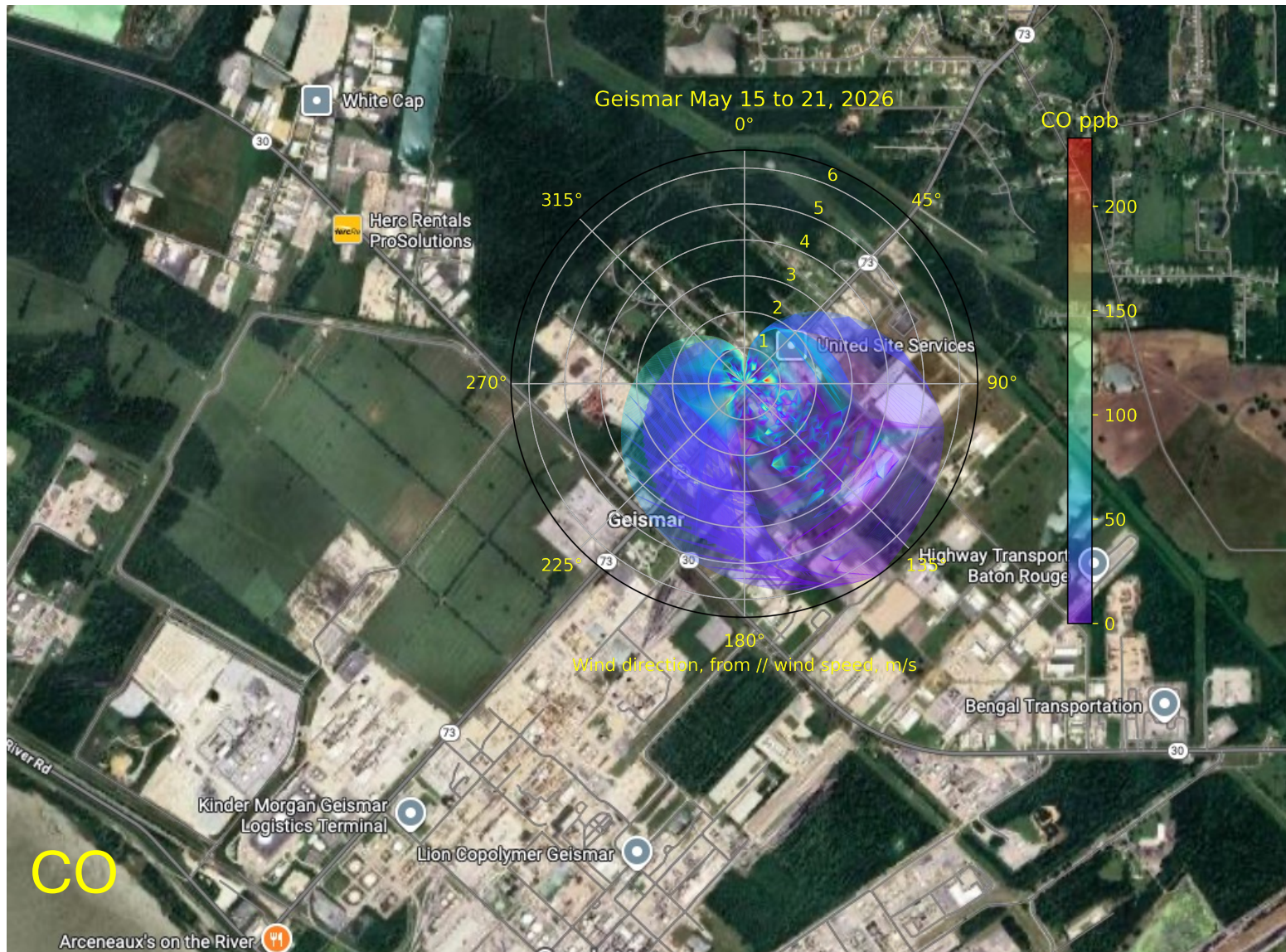


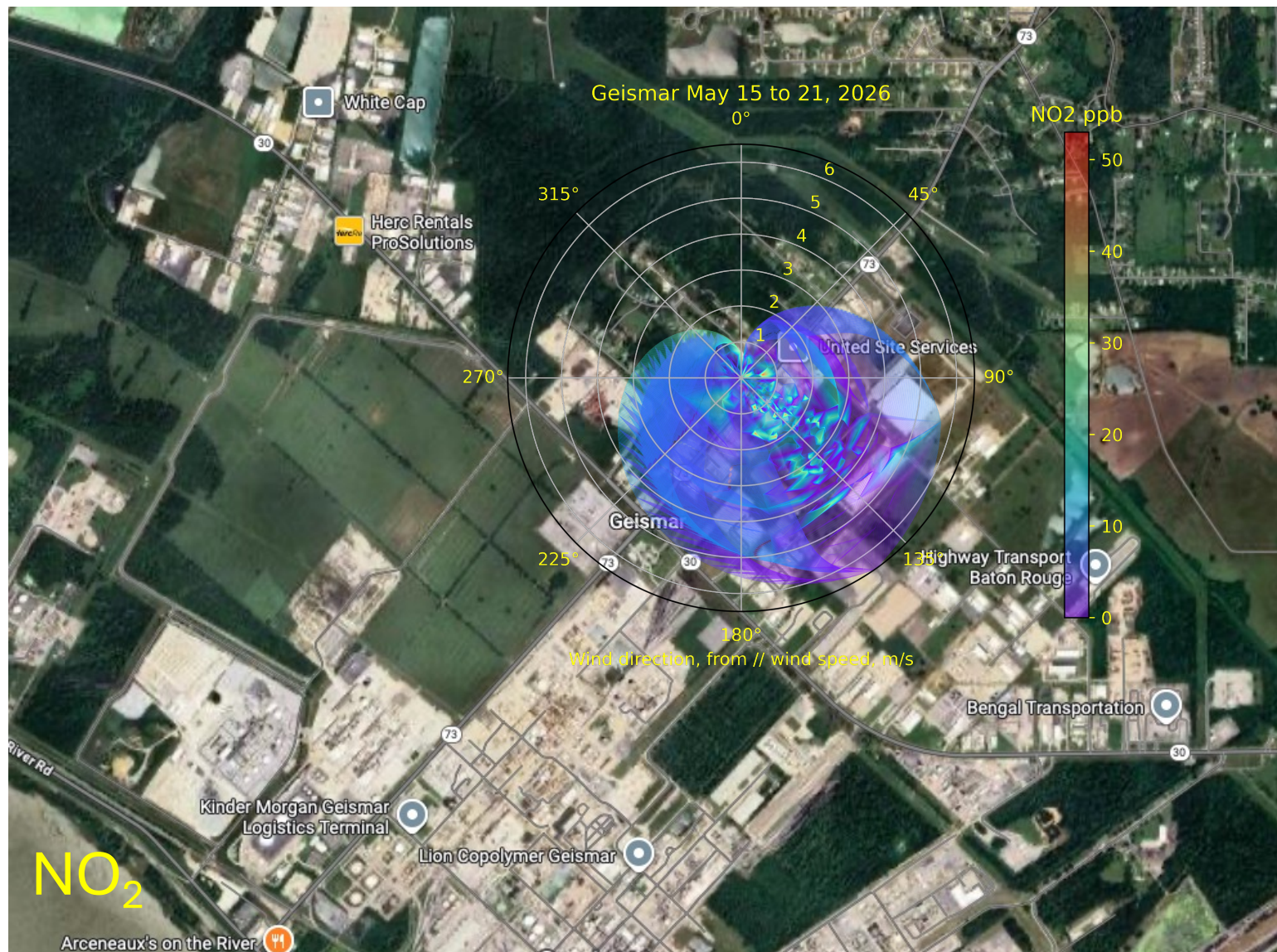
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	0.7	0.6	0.1	1.0	-0.7	4.2	112
PM ₁ 8 to 11	0.4	0.1	-0.2	0.4	-0.5	5.6	84
PM ₁ 11 to 16	-0.3	-0.4	-0.5	0.0	-1.2	2.5	133
PM ₁ 16 to 19	-0.4	-0.5	-0.8	-0.2	-1.2	2.3	84
PM ₁ 19 to 4	0.2	0.0	-0.2	0.5	-1.2	2.2	252

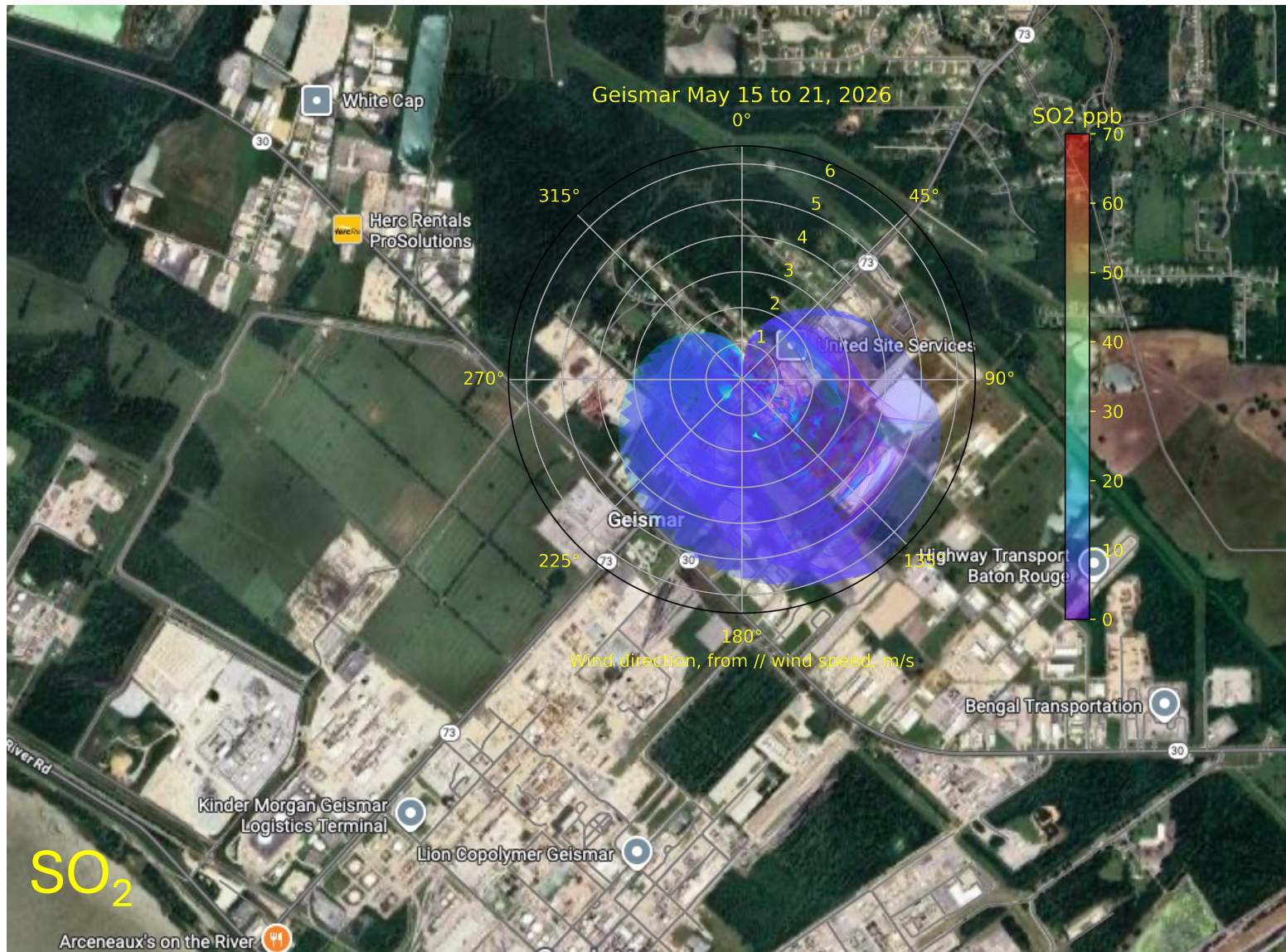


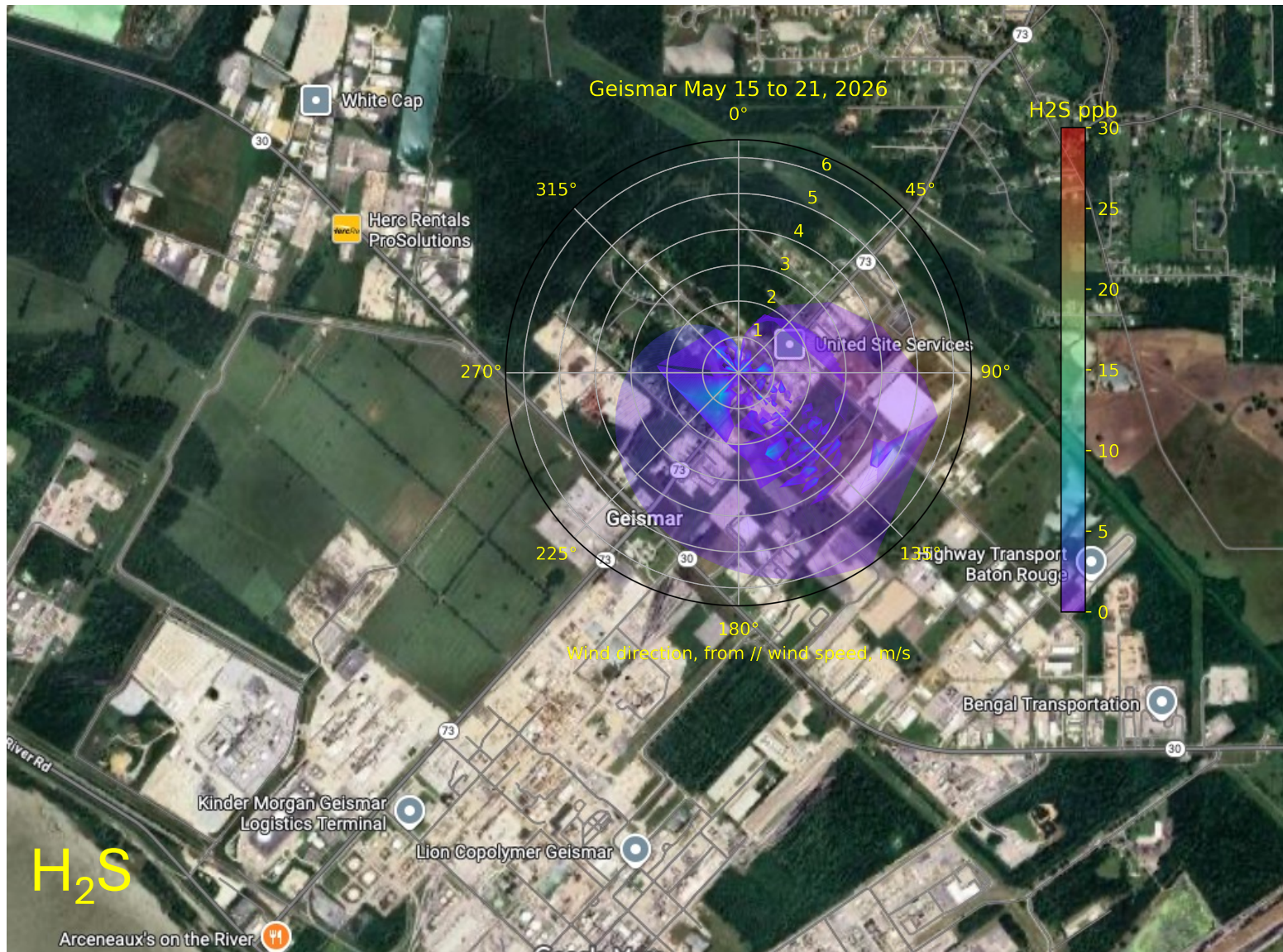
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	20.2	19.2	16.7	23.2	10.7	31.7	112
PM ₁₀ 8 to 11	19.4	18.7	14.8	22.7	10.5	35.7	84
PM ₁₀ 11 to 16	15.8	14.4	12.5	19.4	7.8	29.0	133
PM ₁₀ 16 to 19	15.4	14.2	12.3	19.2	8.1	28.9	84
PM ₁₀ 19 to 4	17.9	16.8	14.4	21.2	9.5	29.9	252

PM₁ data is not referenced and calibrated against regulatory monitor

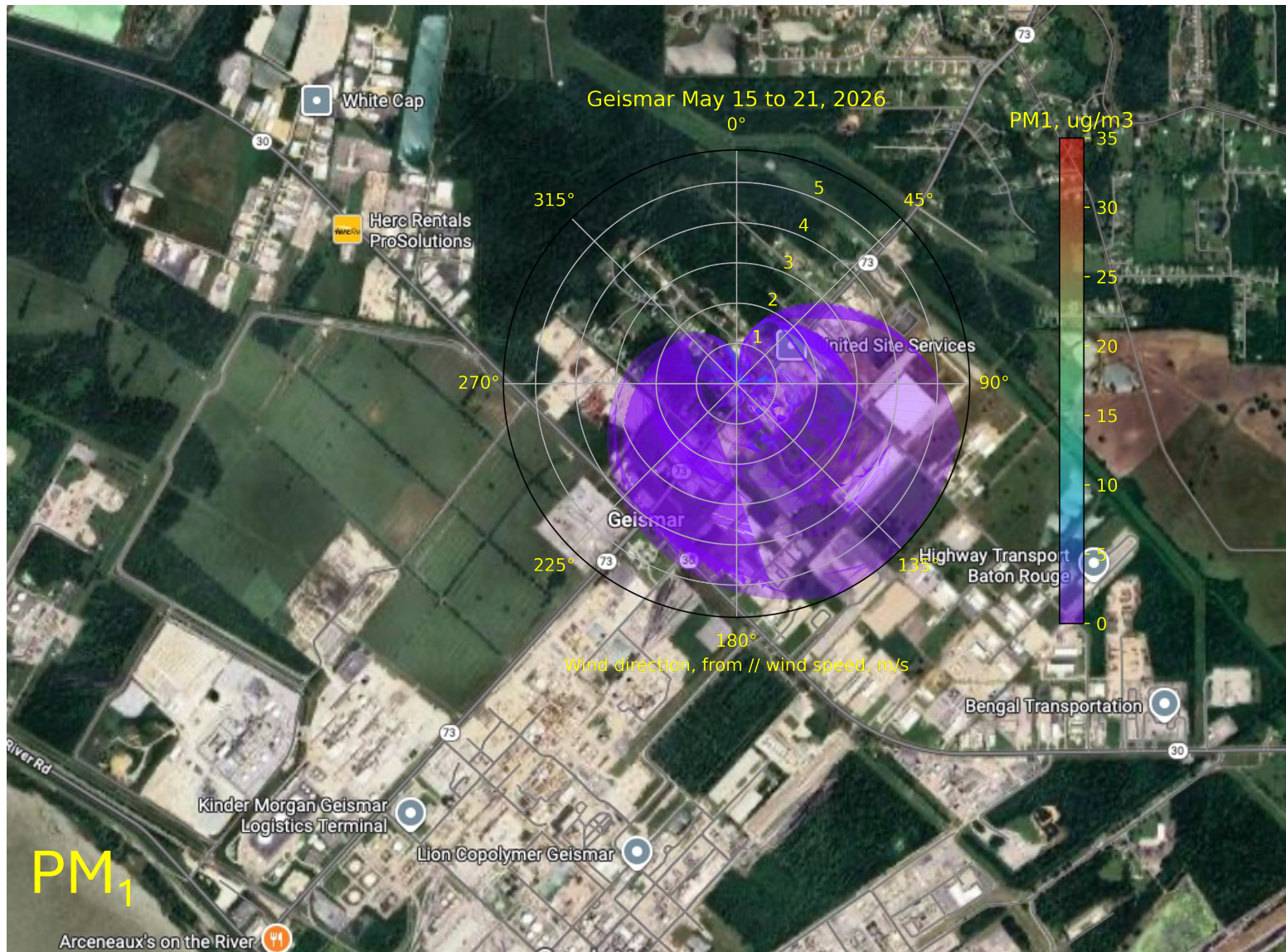




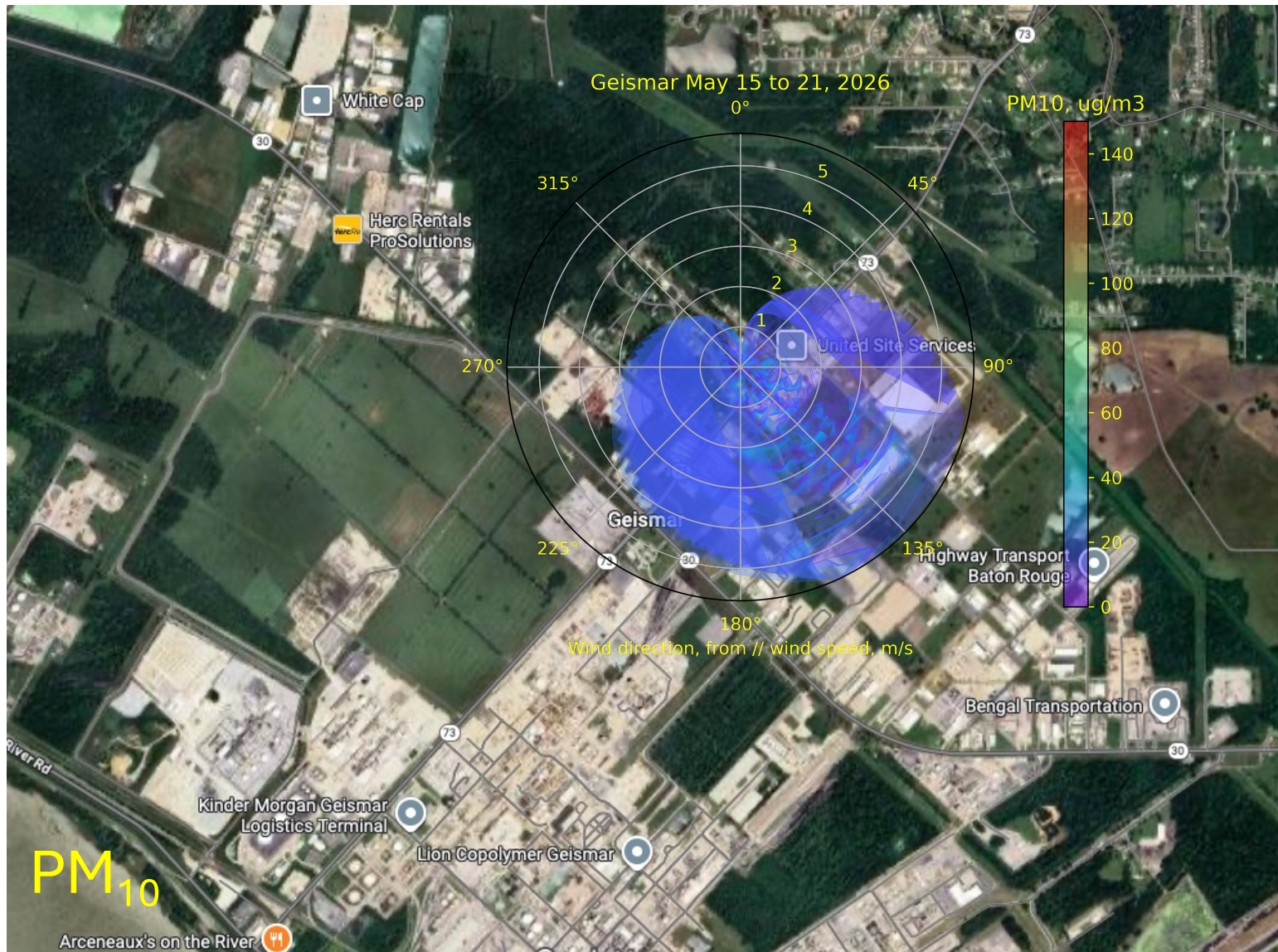












GEISMAR POD

5/15-5/21

- No major air pollution events

