

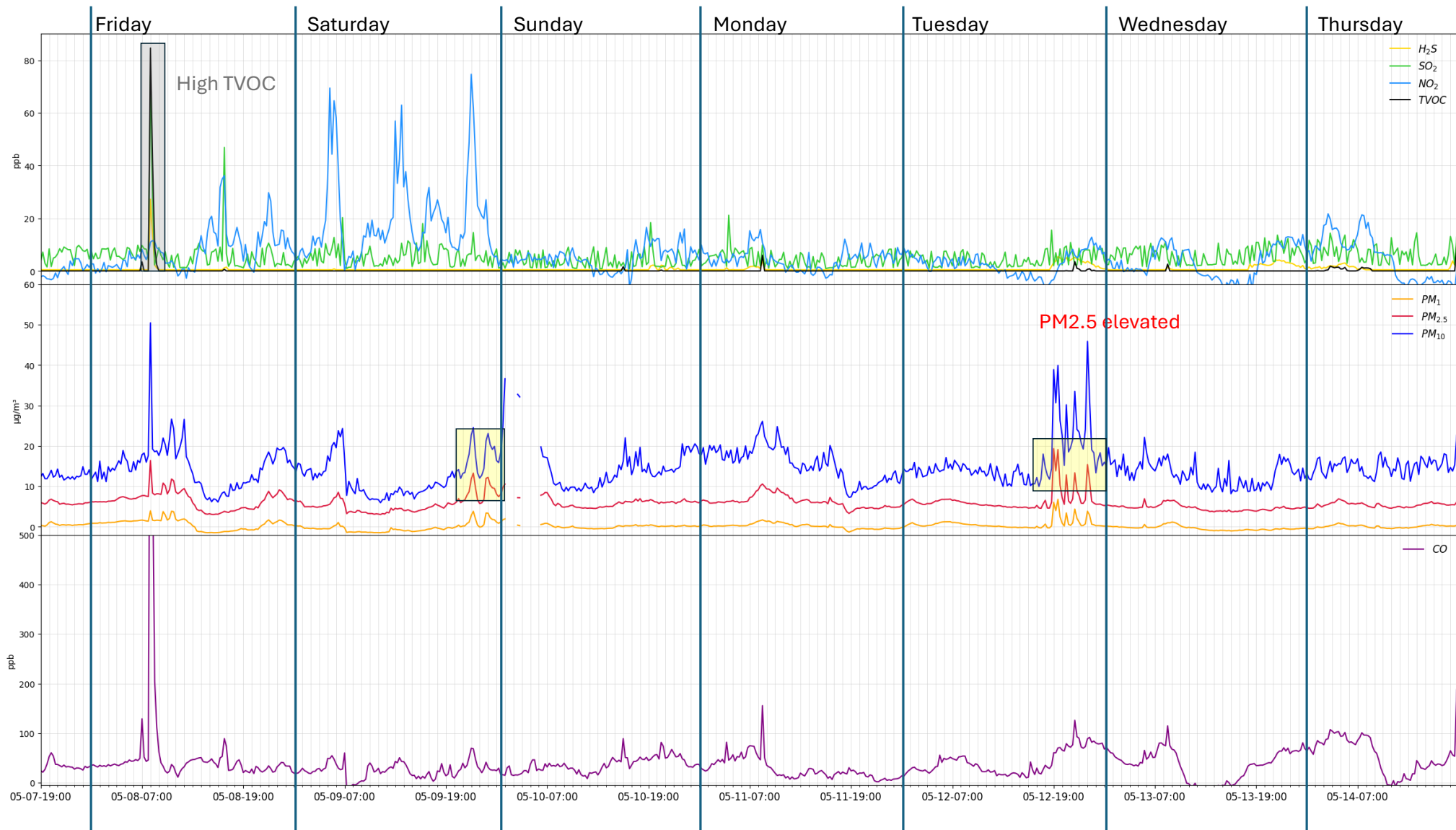
Geismar POD

May 8 – May 14, 2026

Disclaimer

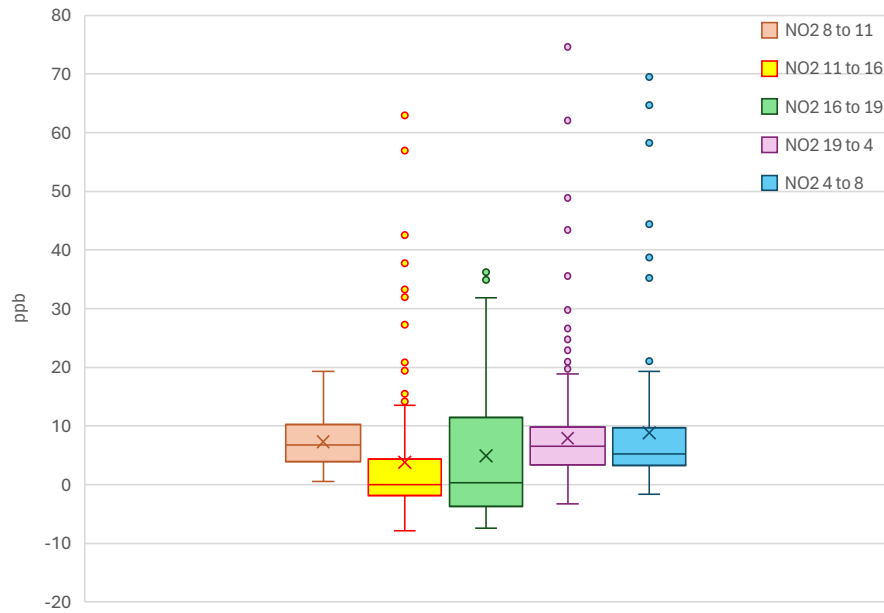
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



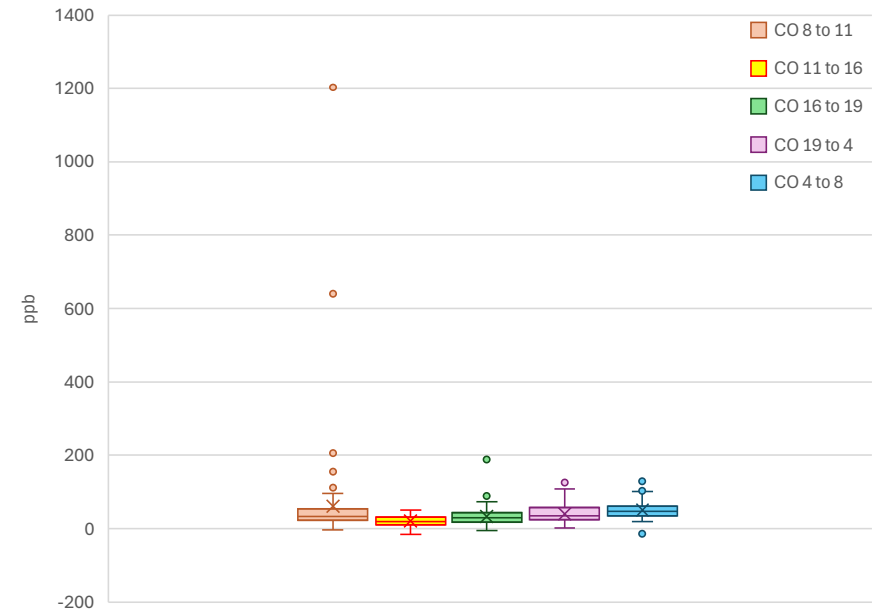
Hourly concentration distribution

NO₂ hourly distribution



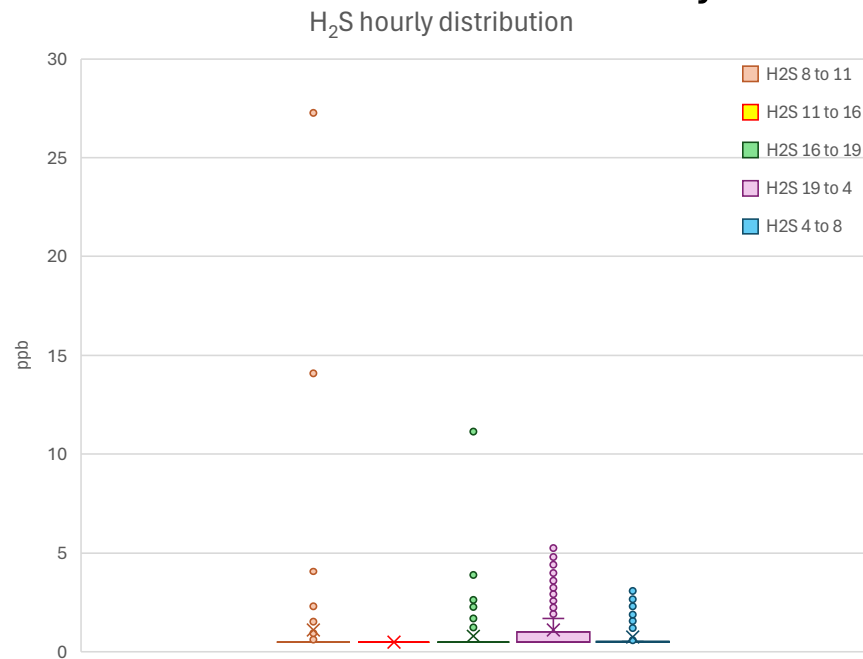
ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	8.8	5.2	3.3	9.7	-1.6	69.4	112
NO ₂ 8 to 11	7.3	6.8	3.9	10.3	0.5	19.3	84
NO ₂ 11 to 16	3.8	0.0	-1.9	4.4	-7.9	63.0	140
NO ₂ 16 to 19	4.9	0.3	-3.8	11.5	-7.4	36.2	84
NO ₂ 19 to 4	7.9	6.5	3.4	9.8	-3.3	74.7	252

CO hourly distribution

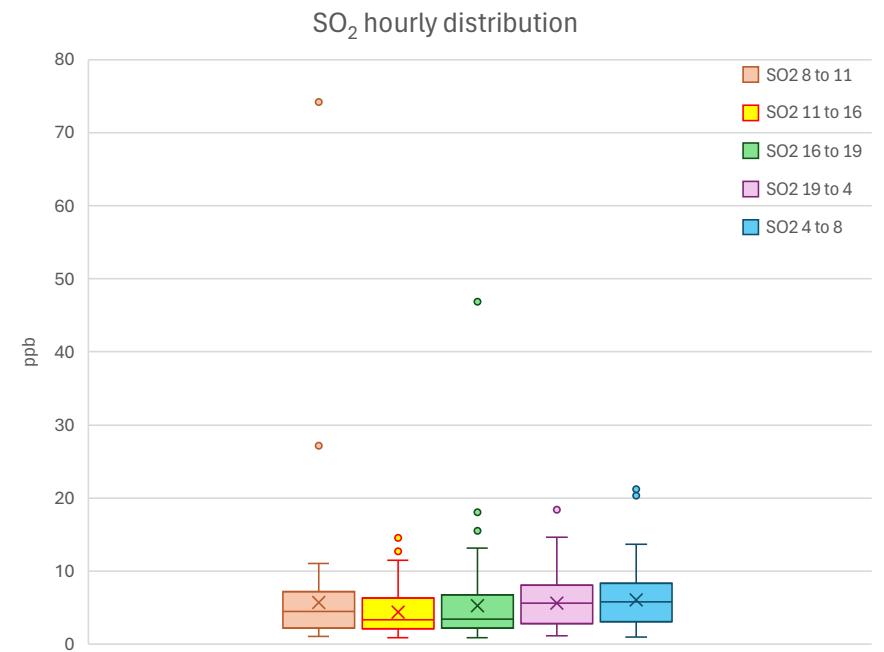


ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	50.2	46.3	34.5	61.6	-13.6	129.1	112
CO 8 to 11	61.3	33.5	22.5	53.6	-4.3	1202.9	84
CO 11 to 16	20.3	19.6	9.9	32.1	-15.6	51.3	140
CO 16 to 19	32.5	30.2	17.2	43.3	-6.0	187.8	84
CO 19 to 4	40.5	34.5	24.4	58.4	2.4	126.1	252

Hourly concentration distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	0.8	0.5	0.5	0.5	0.5	3.1	112
H ₂ S 8 to 11	1.1	0.5	0.5	0.5	0.5	27.3	84
H ₂ S 11 to 16	0.5	0.5	0.5	0.5	0.5	0.5	140
H ₂ S 16 to 19	0.8	0.5	0.5	0.5	0.5	11.2	84
H ₂ S 19 to 4	1.1	0.5	0.5	1.1	0.5	5.5	252

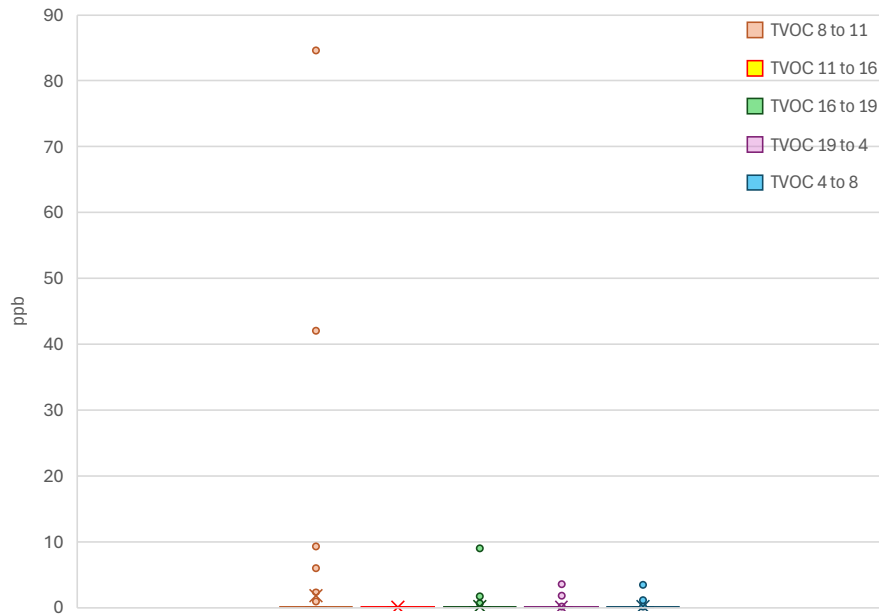


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	6.0	5.8	3.1	8.3	1.0	21.2	112
SO ₂ 8 to 11	5.7	4.5	2.2	7.2	1.1	74.1	84
SO ₂ 11 to 16	4.4	3.4	2.1	6.3	0.9	14.5	140
SO ₂ 16 to 19	5.3	3.4	2.2	6.8	0.9	46.9	84
SO ₂ 19 to 4	5.6	5.6	2.8	8.1	1.2	18.4	252

H₂S data is not referenced and calibrated against regulatory monitor

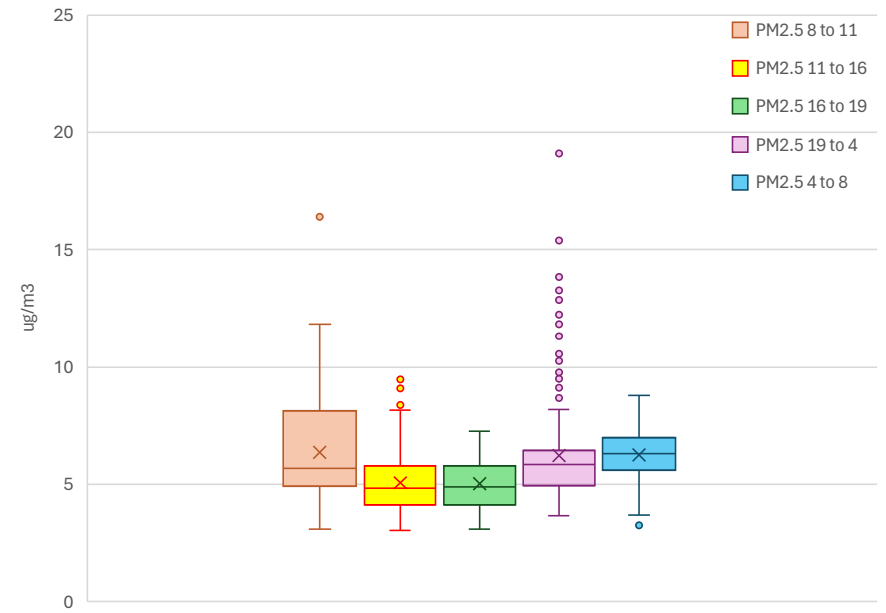
Hourly concentration distribution

TVOC hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	0.2	0.1	0.1	0.1	0.1	3.5	112
TVOC 8 to 11	1.9	0.1	0.1	0.1	0.1	84.6	84
TVOC 11 to 16	0.1	0.1	0.1	0.1	0.1	0.1	140
TVOC 16 to 19	0.2	0.1	0.1	0.1	0.1	9.0	84
TVOC 19 to 4	0.1	0.1	0.1	0.1	0.1	3.6	252

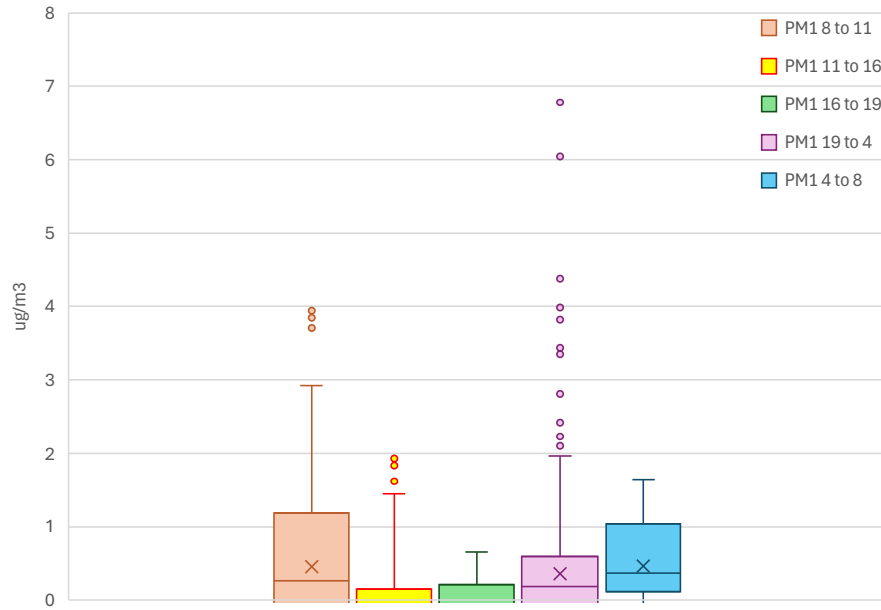
PM_{2.5} hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	6.3	6.3	5.6	7.0	3.2	8.8	103
PM _{2.5} 8 to 11	6.4	5.7	4.9	8.1	3.1	16.4	84
PM _{2.5} 11 to 16	5.1	4.8	4.1	5.8	3.0	9.5	140
PM _{2.5} 16 to 19	5.0	4.9	4.1	5.8	3.1	7.3	84
PM _{2.5} 19 to 4	6.2	5.9	4.9	6.4	3.7	19.3	247

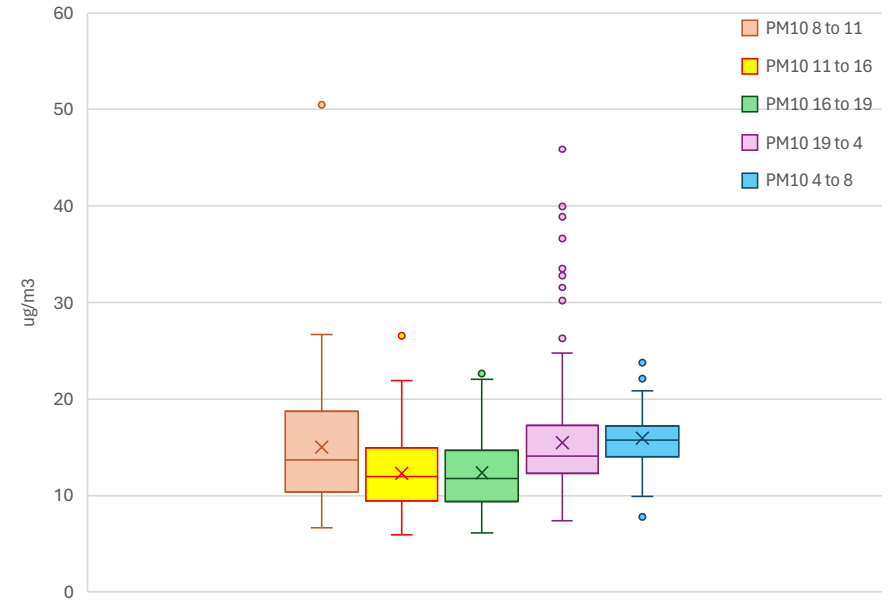
Hourly concentration distribution

PM₁ hourly distribution



ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	0.5	0.4	0.1	1.0	-1.4	1.6	103
PM ₁ 8 to 11	0.5	0.3	-0.3	1.2	-1.5	3.9	84
PM ₁ 11 to 16	-0.3	-0.3	-0.8	0.1	-1.5	1.9	140
PM ₁ 16 to 19	-0.3	-0.3	-0.8	0.2	-1.5	0.7	84
PM ₁ 19 to 4	0.4	0.2	-0.4	0.6	-1.1	6.8	247

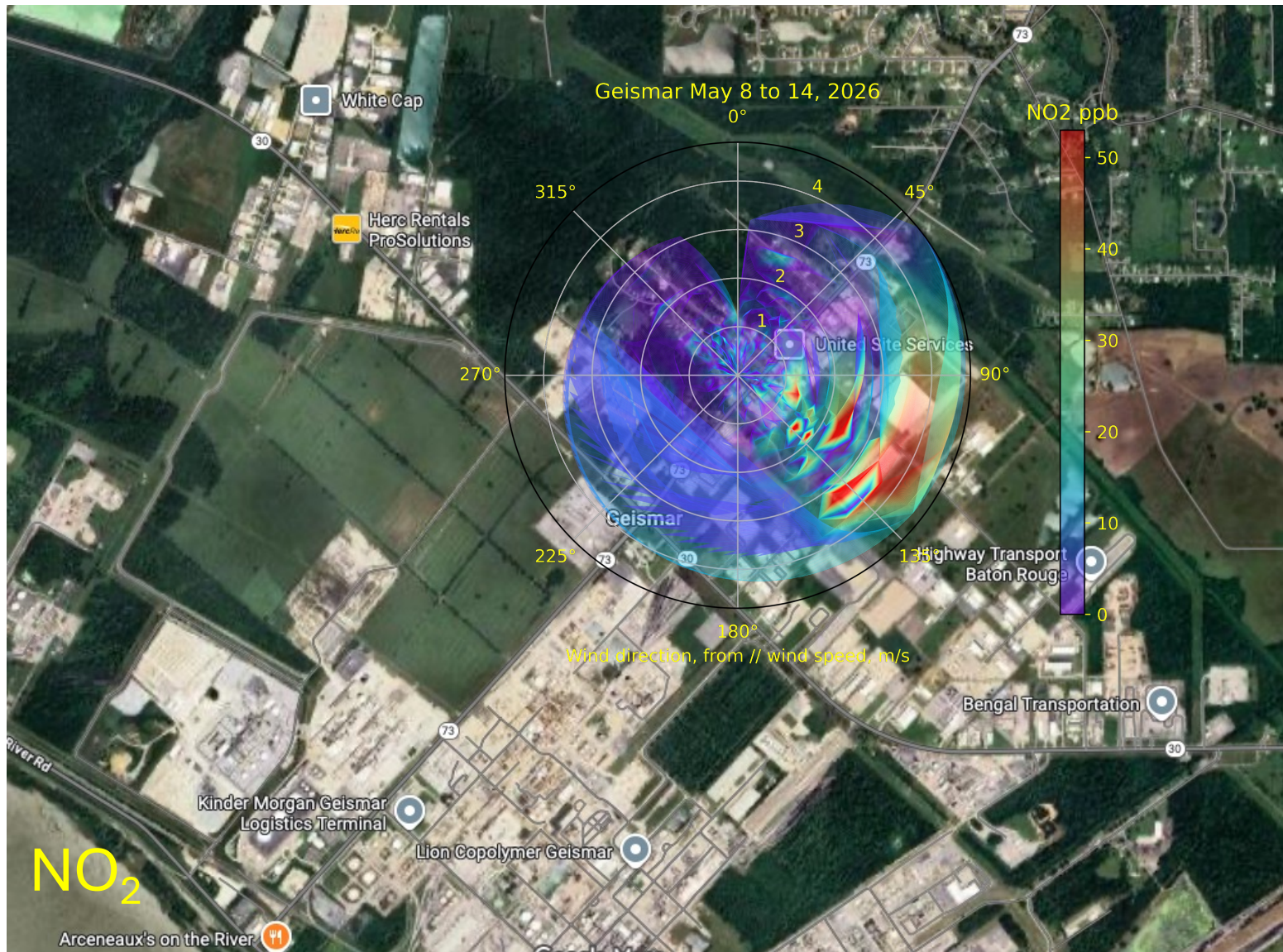
PM₁₀ hourly distribution

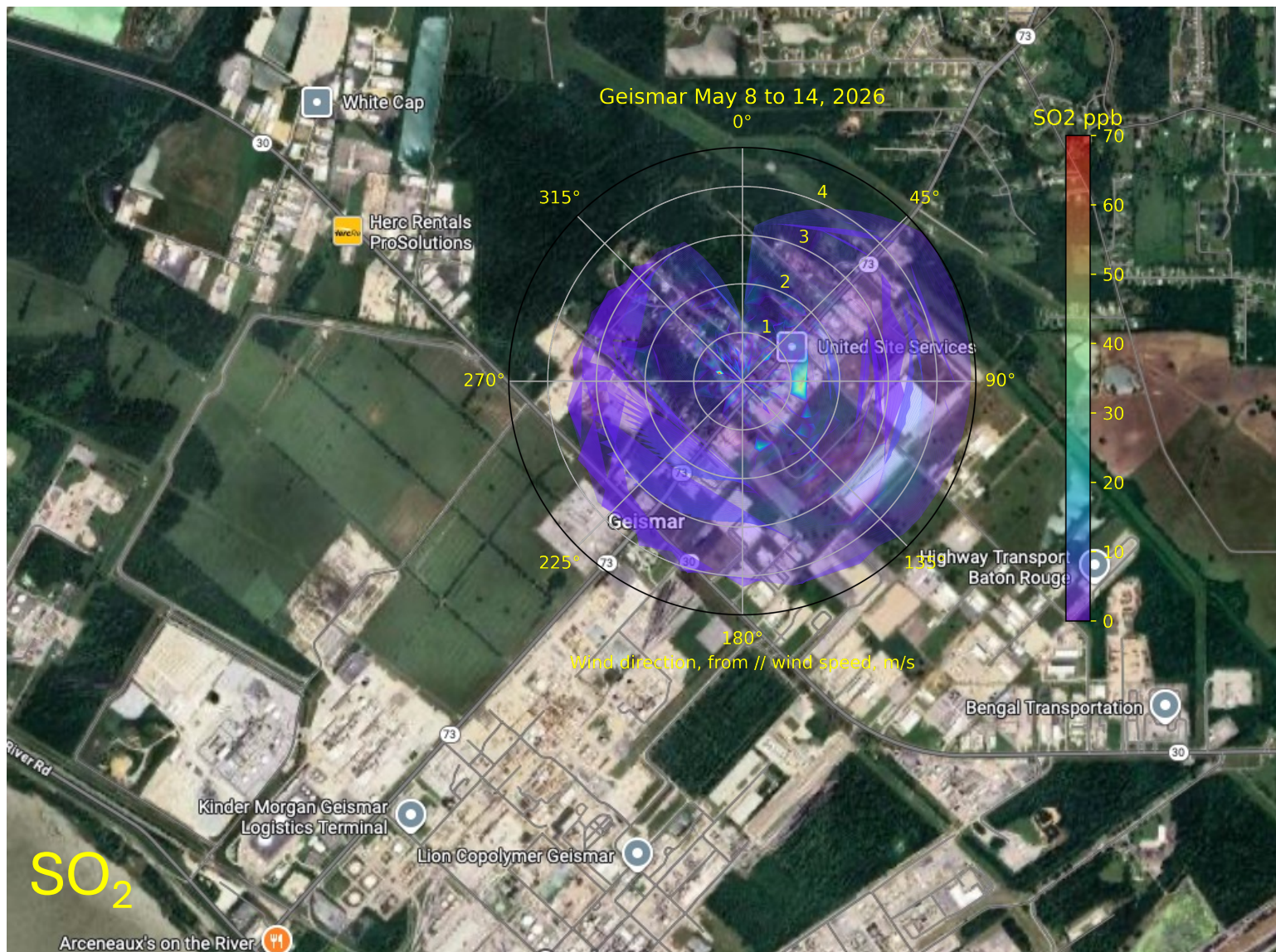


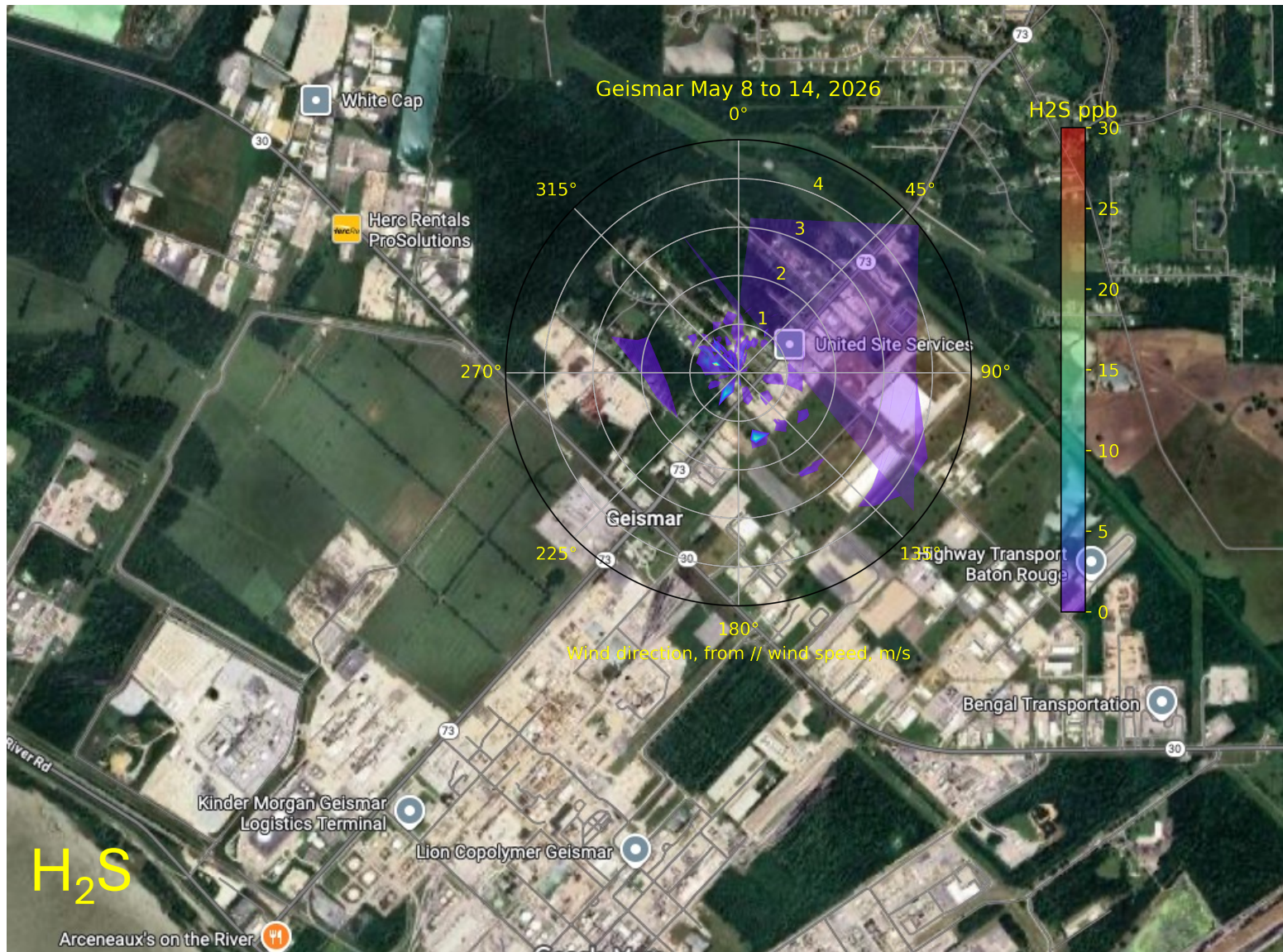
ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	15.9	15.7	14.0	17.2	7.8	24.3	103
PM ₁₀ 8 to 11	15.0	13.7	10.4	18.7	6.6	50.5	84
PM ₁₀ 11 to 16	12.3	12.0	9.5	14.9	6.0	26.6	140
PM ₁₀ 16 to 19	12.4	11.8	9.4	14.7	6.1	22.7	84
PM ₁₀ 19 to 4	15.5	14.1	12.3	17.3	7.4	45.9	247

PM₁ data is not referenced and calibrated against regulatory monitor

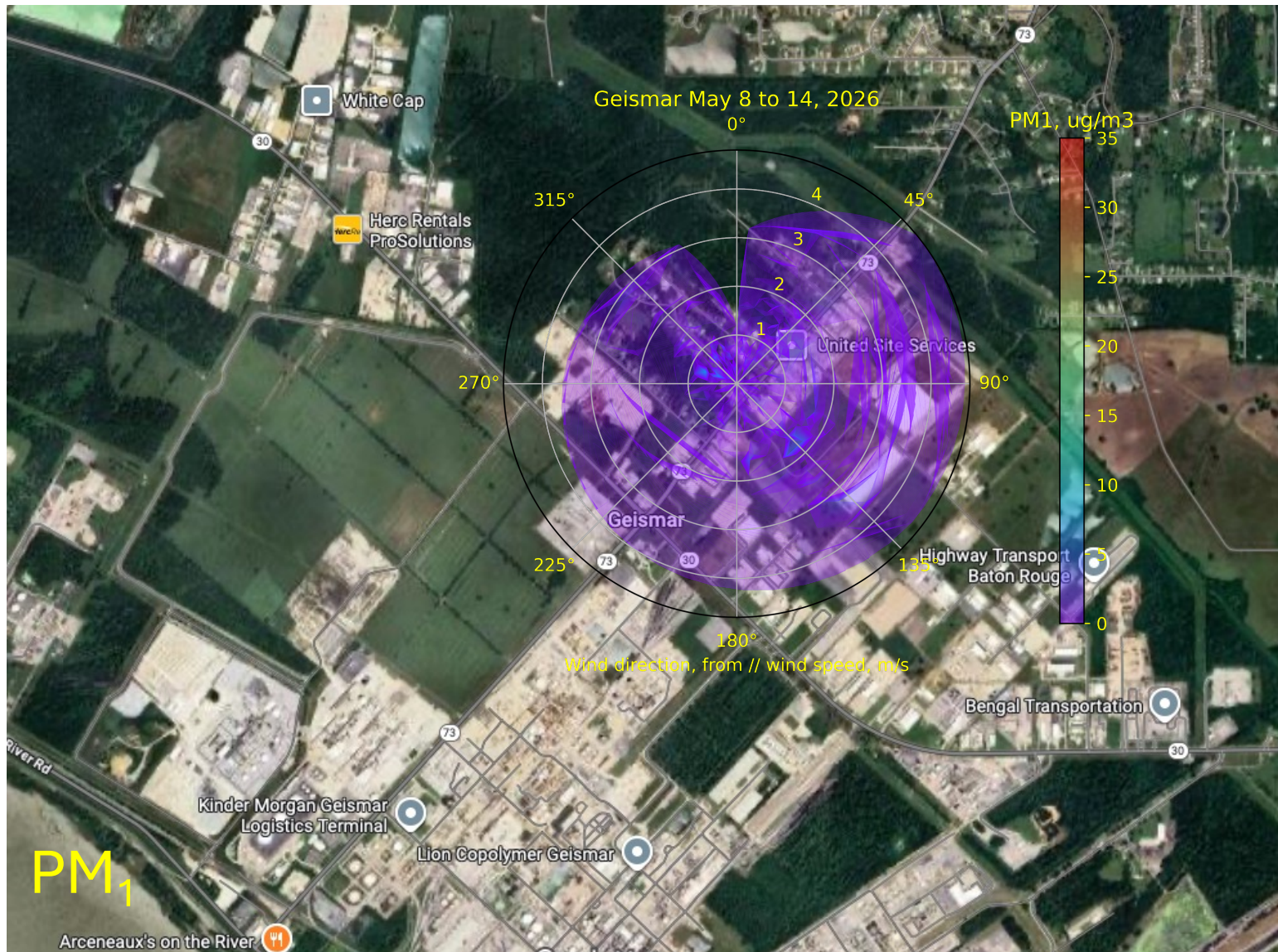


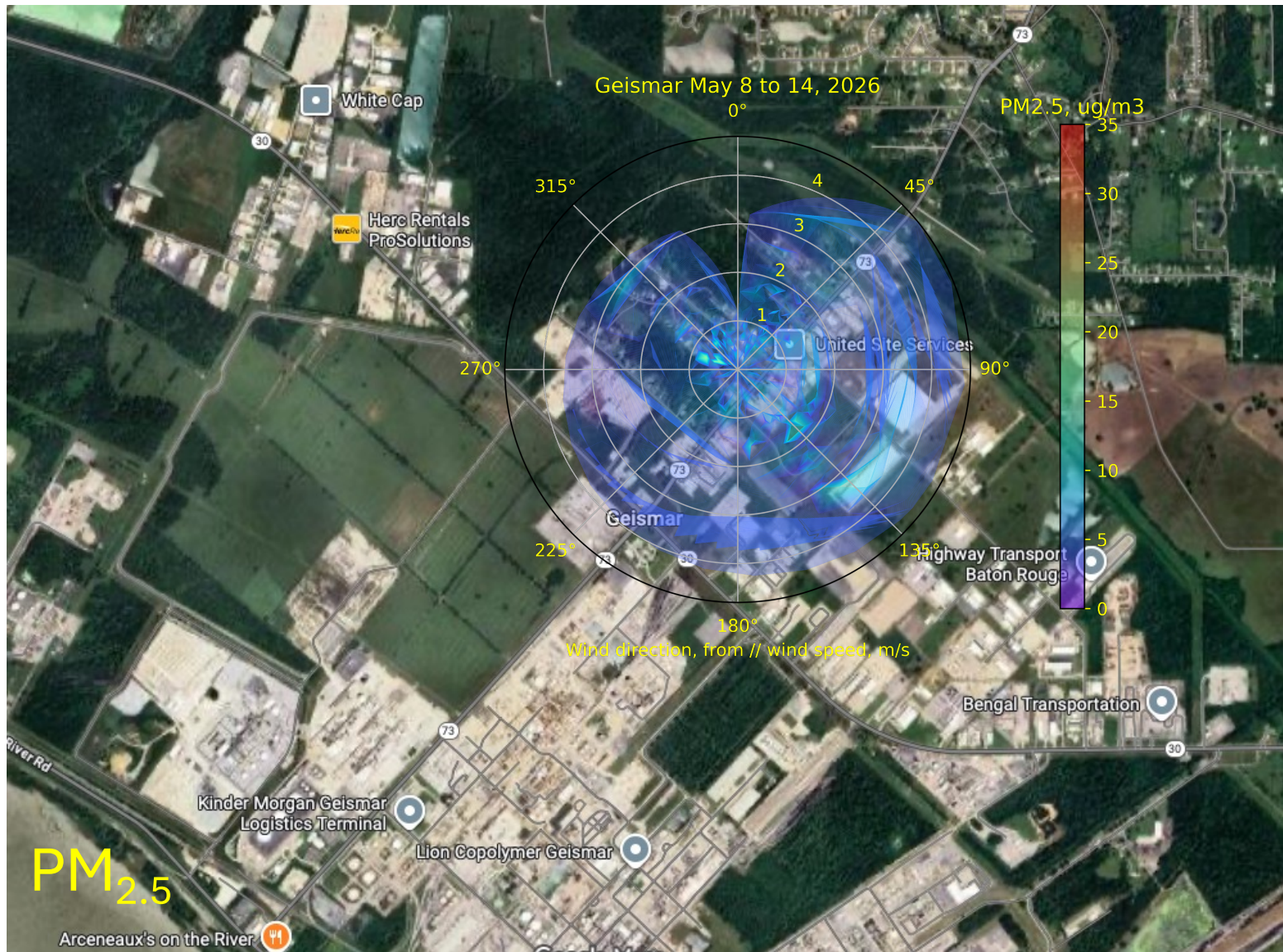


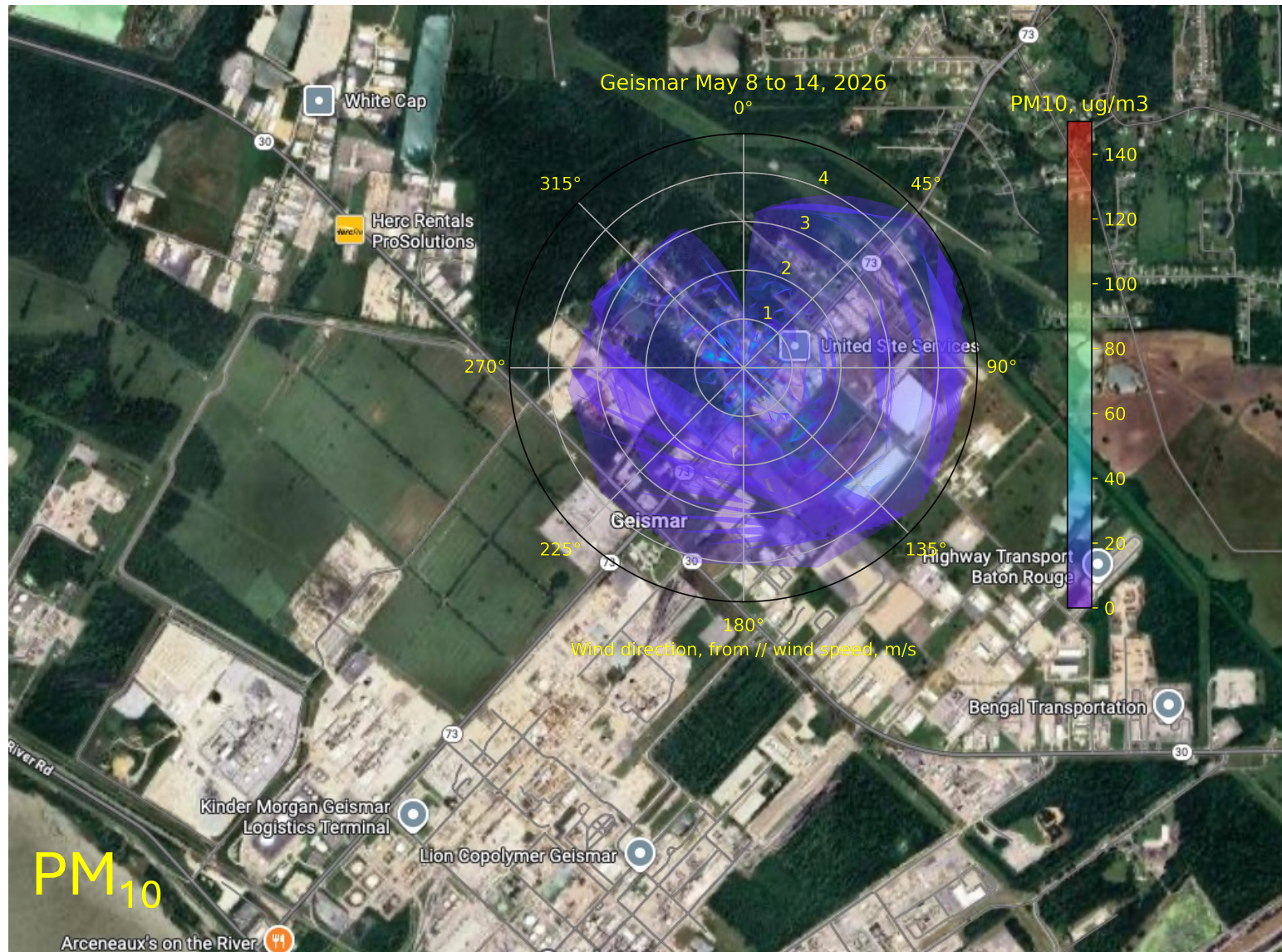












GEISMAR POD

5/8-5/14

- No major air pollution events

