

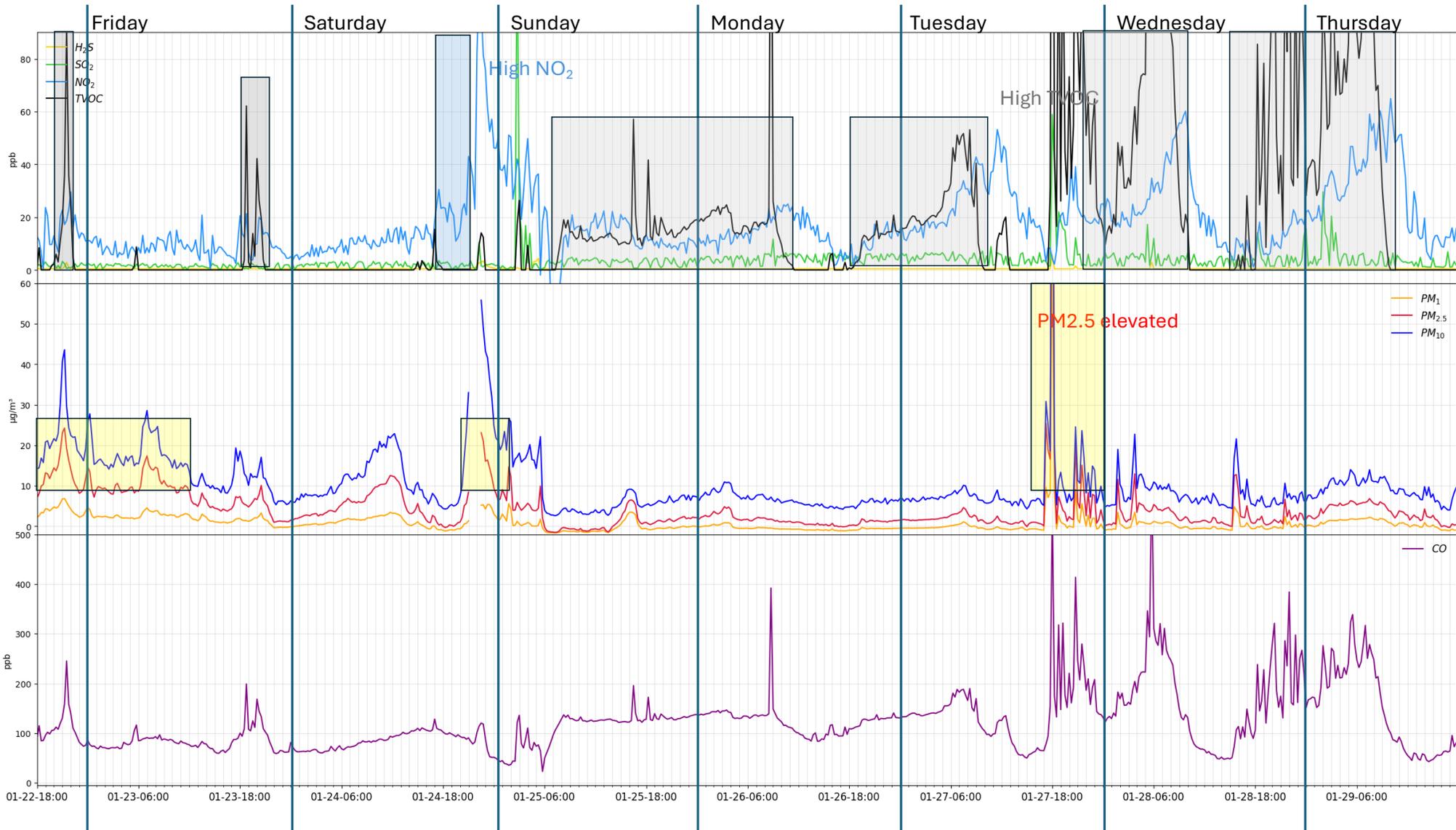
Geismar POD

January 23 – January 29, 2026

Disclaimer

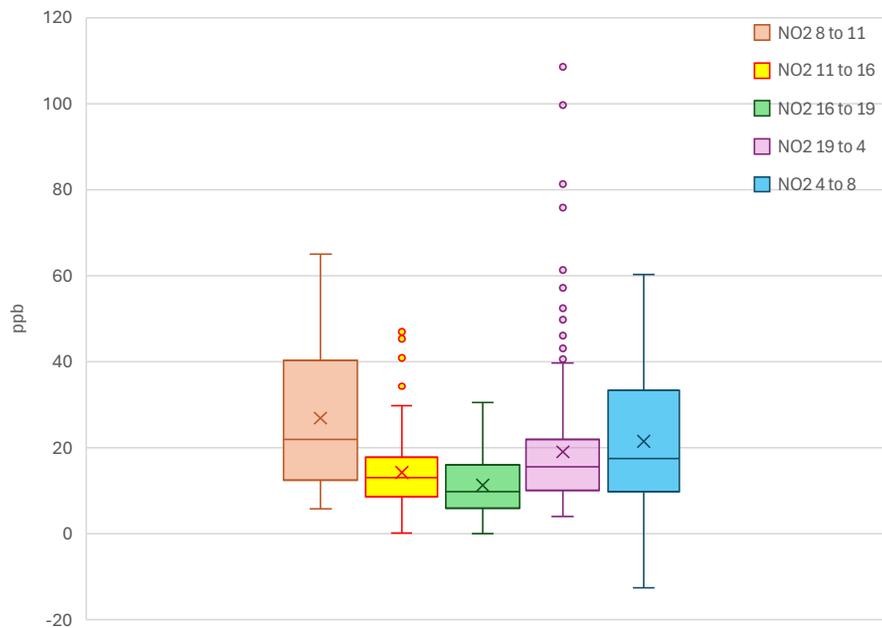
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



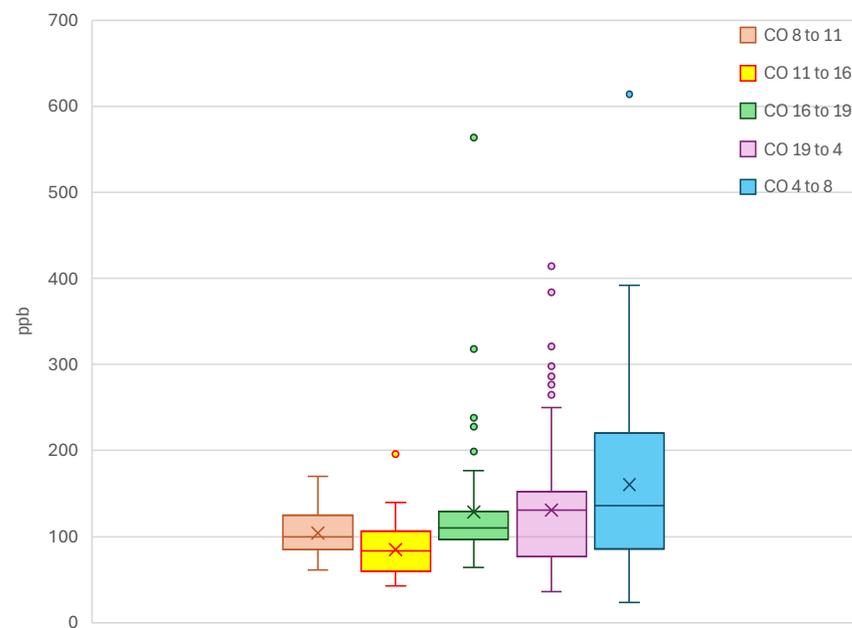
Hourly concentration distribution

NO₂ hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	21.6	17.5	9.9	33.3	-12.6	60.3	112
NO ₂ 8 to 11	26.9	21.9	12.5	40.2	5.8	65.0	84
NO ₂ 11 to 16	14.3	13.1	8.7	17.9	0.1	47.0	140
NO ₂ 16 to 19	11.3	9.8	6.0	15.9	0.0	30.5	84
NO ₂ 19 to 4	19.0	15.5	10.0	22.1	4.0	108.5	252

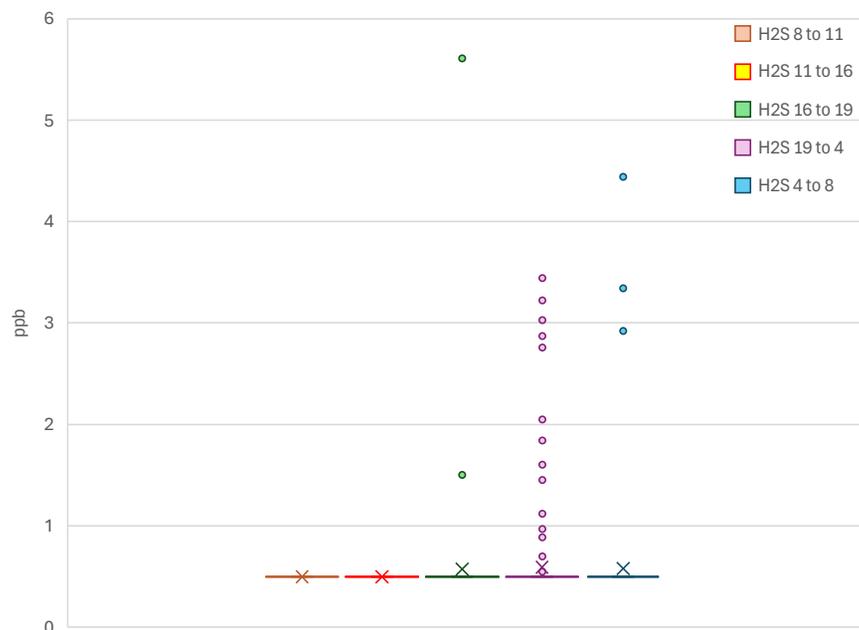
CO hourly distribution



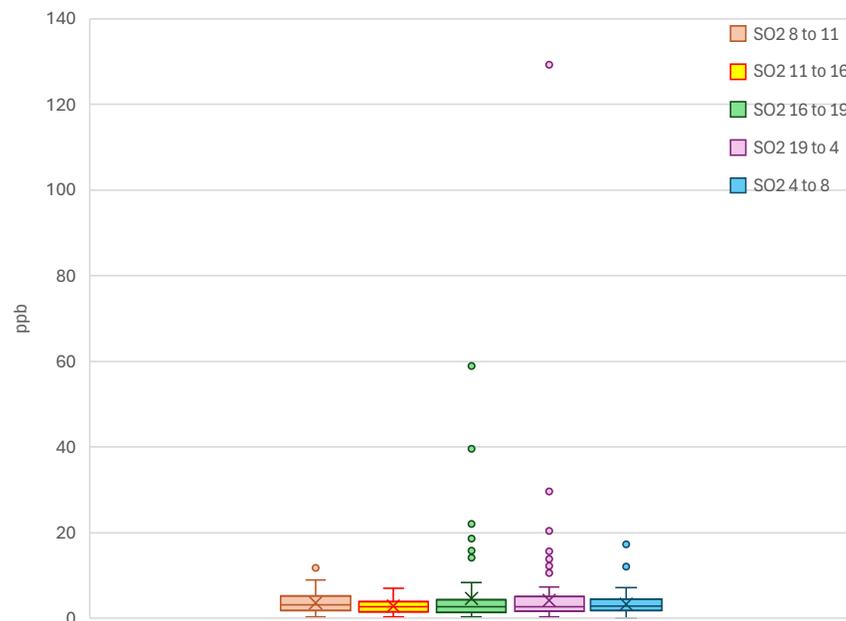
ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	160.6	135.9	85.8	220.6	23.1	613.7	112
CO 8 to 11	104.2	99.6	84.7	125.1	61.5	169.8	84
CO 11 to 16	84.9	83.6	59.7	106.1	42.9	195.8	140
CO 16 to 19	128.4	109.9	96.4	129.1	64.1	563.6	84
CO 19 to 4	130.6	131.1	76.8	152.1	35.8	413.8	252

Hourly concentration distribution

H₂S hourly distribution



SO₂ hourly distribution



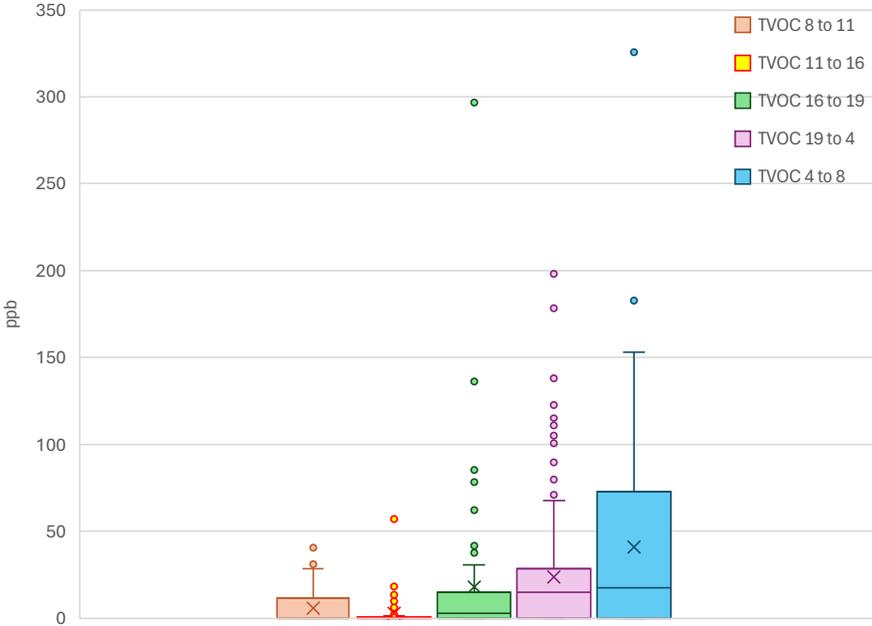
ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	0.6	0.5	0.5	0.5	0.5	4.4	112
H ₂ S 8 to 11	0.5	0.5	0.5	0.5	0.5	0.5	84
H ₂ S 11 to 16	0.5	0.5	0.5	0.5	0.5	0.5	140
H ₂ S 16 to 19	0.6	0.5	0.5	0.5	0.5	5.6	84
H ₂ S 19 to 4	0.6	0.5	0.5	0.5	0.5	3.4	252

ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	3.3	2.8	1.8	4.4	0.1	17.3	112
SO ₂ 8 to 11	3.6	3.2	1.9	5.2	0.3	11.8	84
SO ₂ 11 to 16	2.9	2.7	1.5	3.9	0.3	6.9	140
SO ₂ 16 to 19	4.6	2.7	1.4	4.4	0.3	58.9	84
SO ₂ 19 to 4	4.2	2.6	1.6	5.0	0.3	129.2	252

H₂S data is not referenced and calibrated against regulatory monitor

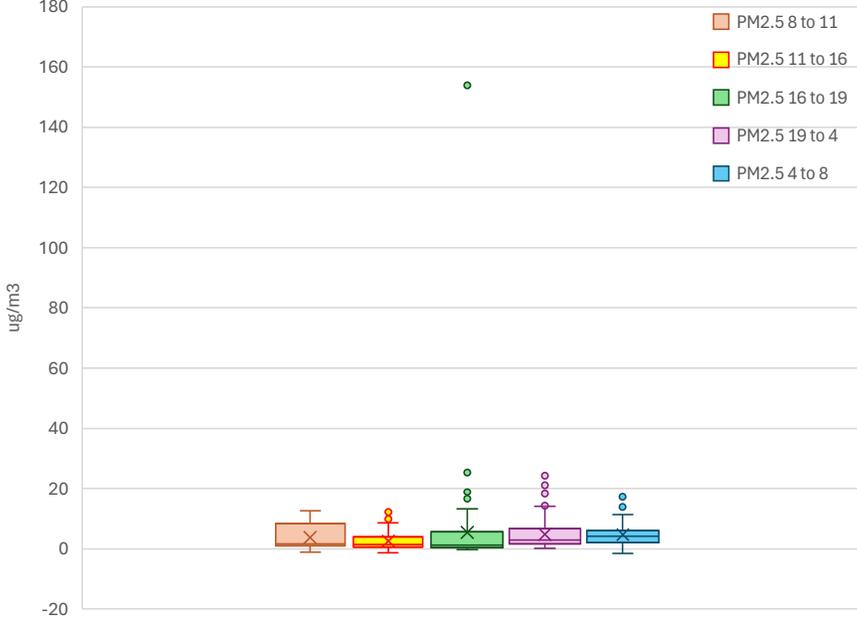
Hourly concentration distribution

TVOC hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	40.9	17.7	0.1	72.9	0.1	325.5	112
TVOC 8 to 11	6.0	0.1	0.1	11.8	0.1	40.5	84
TVOC 11 to 16	2.8	0.1	0.1	0.7	0.1	57.1	140
TVOC 16 to 19	18.1	3.0	0.1	15.1	0.1	296.8	84
TVOC 19 to 4	23.7	15.1	0.1	28.8	0.1	198.2	252

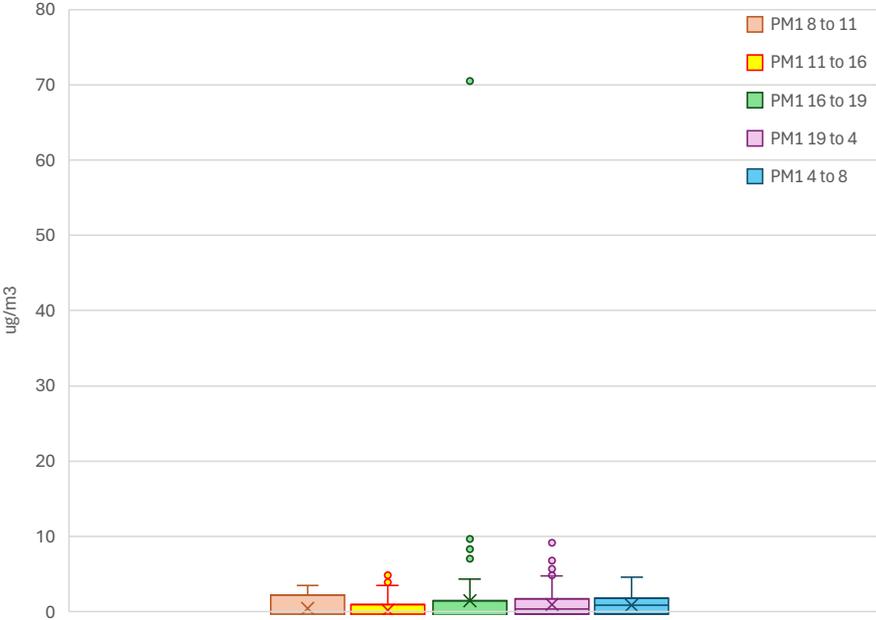
PM_{2.5} hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	4.7	4.2	2.1	6.1	-1.5	17.4	112
PM _{2.5} 8 to 11	3.8	1.7	1.1	8.3	-1.2	12.5	84
PM _{2.5} 11 to 16	2.6	1.4	0.5	4.1	-1.4	12.8	140
PM _{2.5} 16 to 19	5.4	1.1	0.4	5.6	-0.3	153.8	84
PM _{2.5} 19 to 4	4.9	2.9	1.6	6.7	0.2	24.3	247

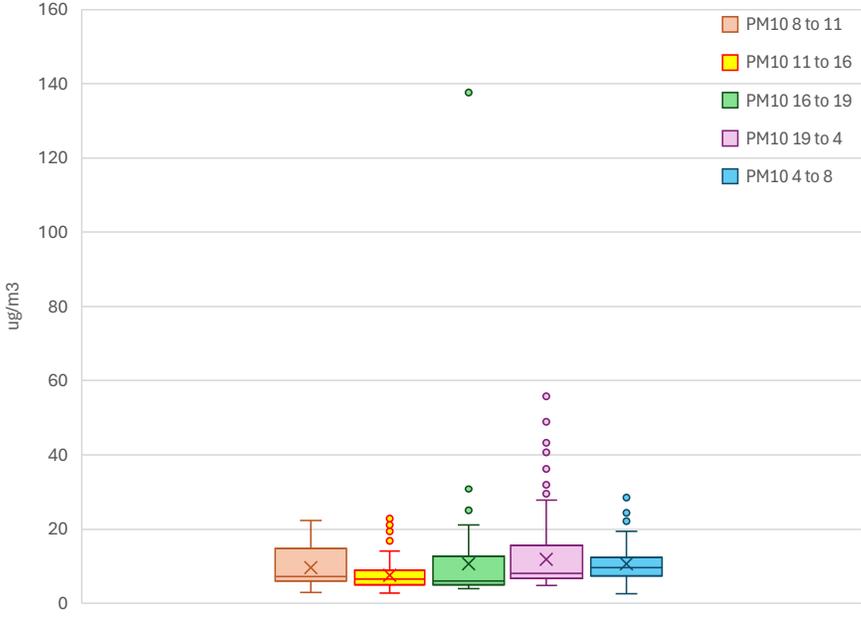
Hourly concentration distribution

PM₁ hourly distribution



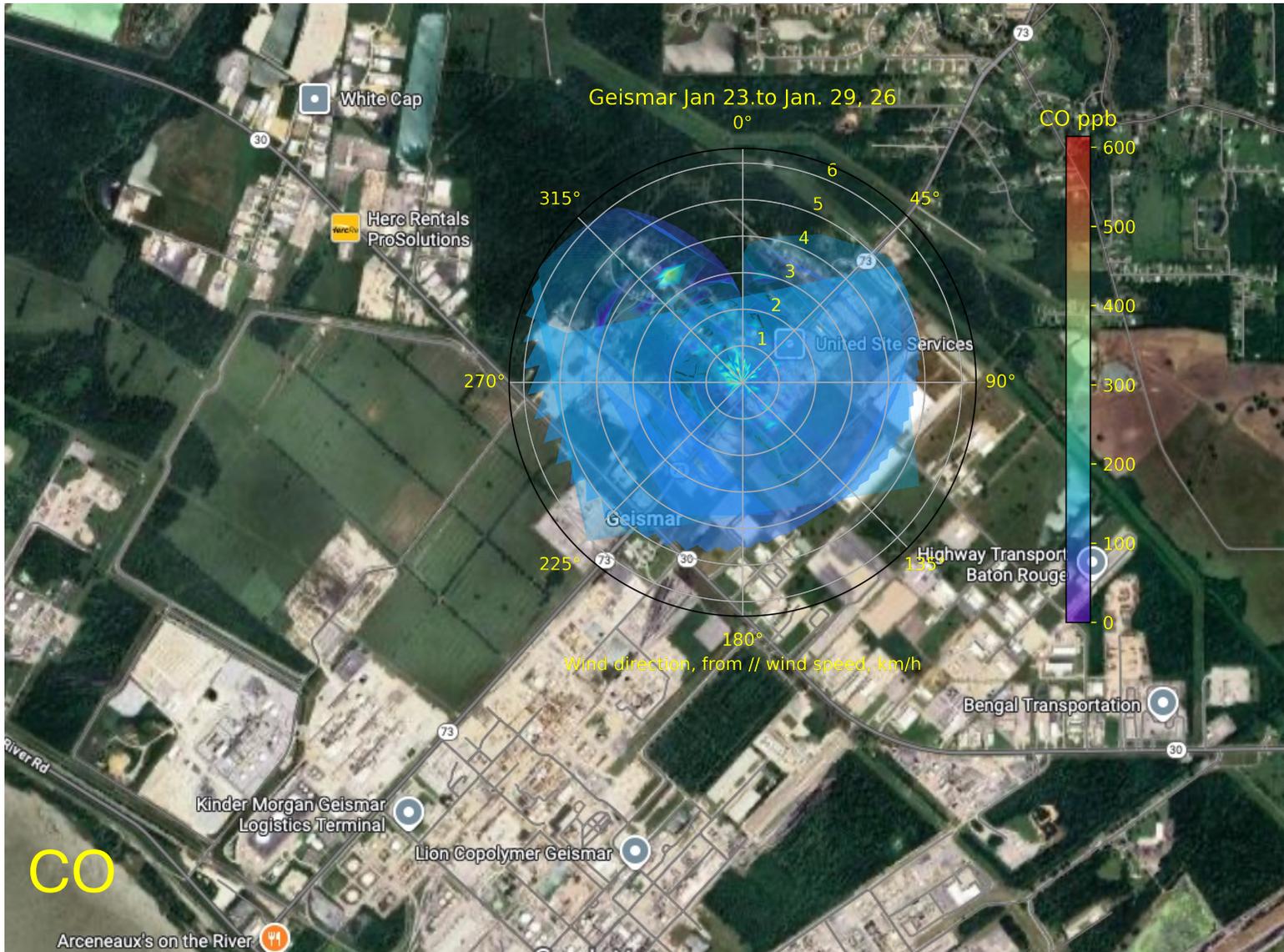
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	0.9	0.8	-0.3	1.8	-1.6	4.6	112
PM ₁ 8 to 11	0.5	-0.4	-0.7	2.2	-1.5	3.5	84
PM ₁ 11 to 16	0.2	-0.3	-0.8	1.0	-1.6	4.8	140
PM ₁ 16 to 19	1.4	-0.5	-0.8	1.4	-1.2	70.5	84
PM ₁ 19 to 4	1.0	0.3	-0.3	1.8	-1.0	9.1	247

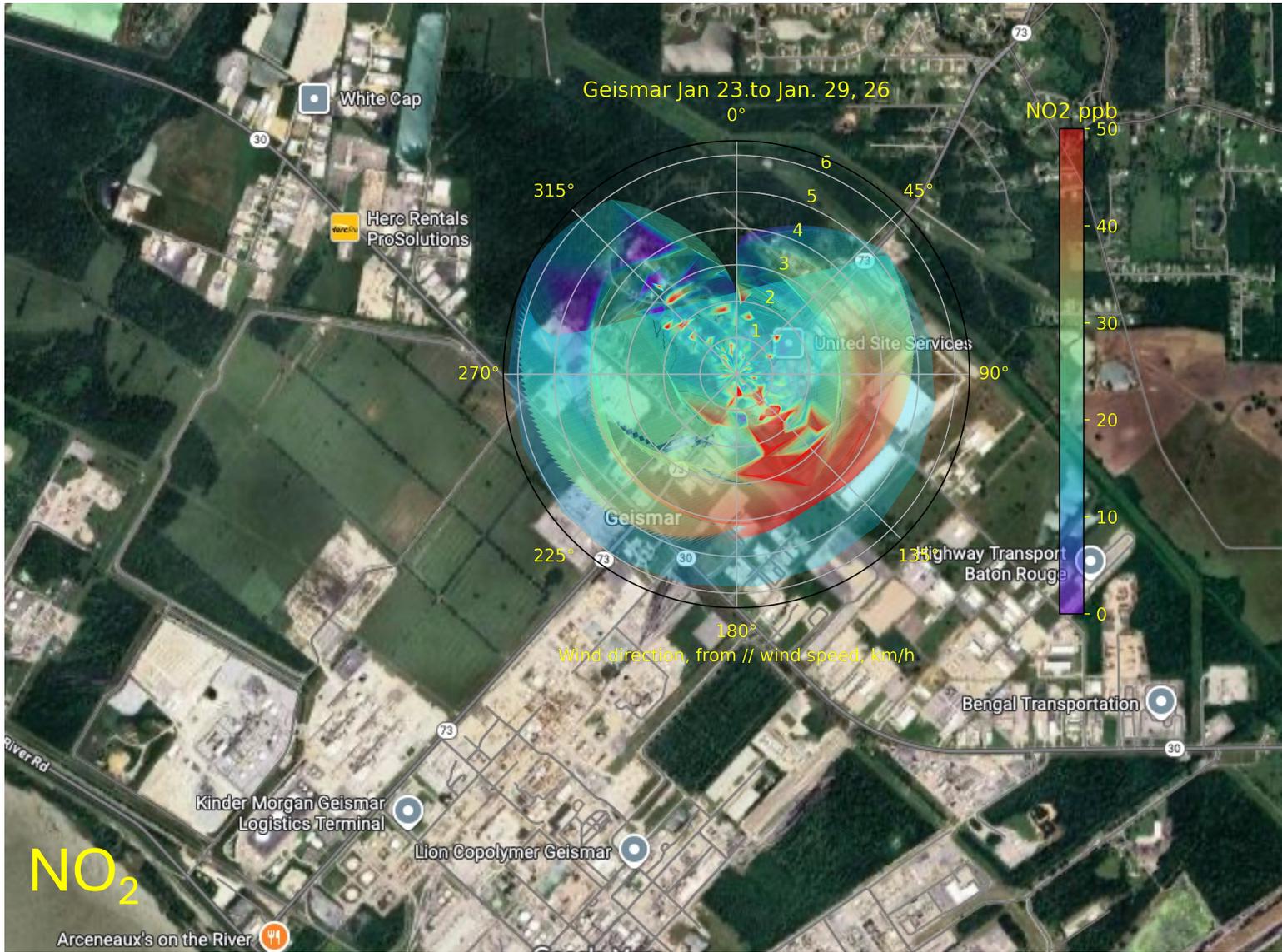
PM₁₀ hourly distribution

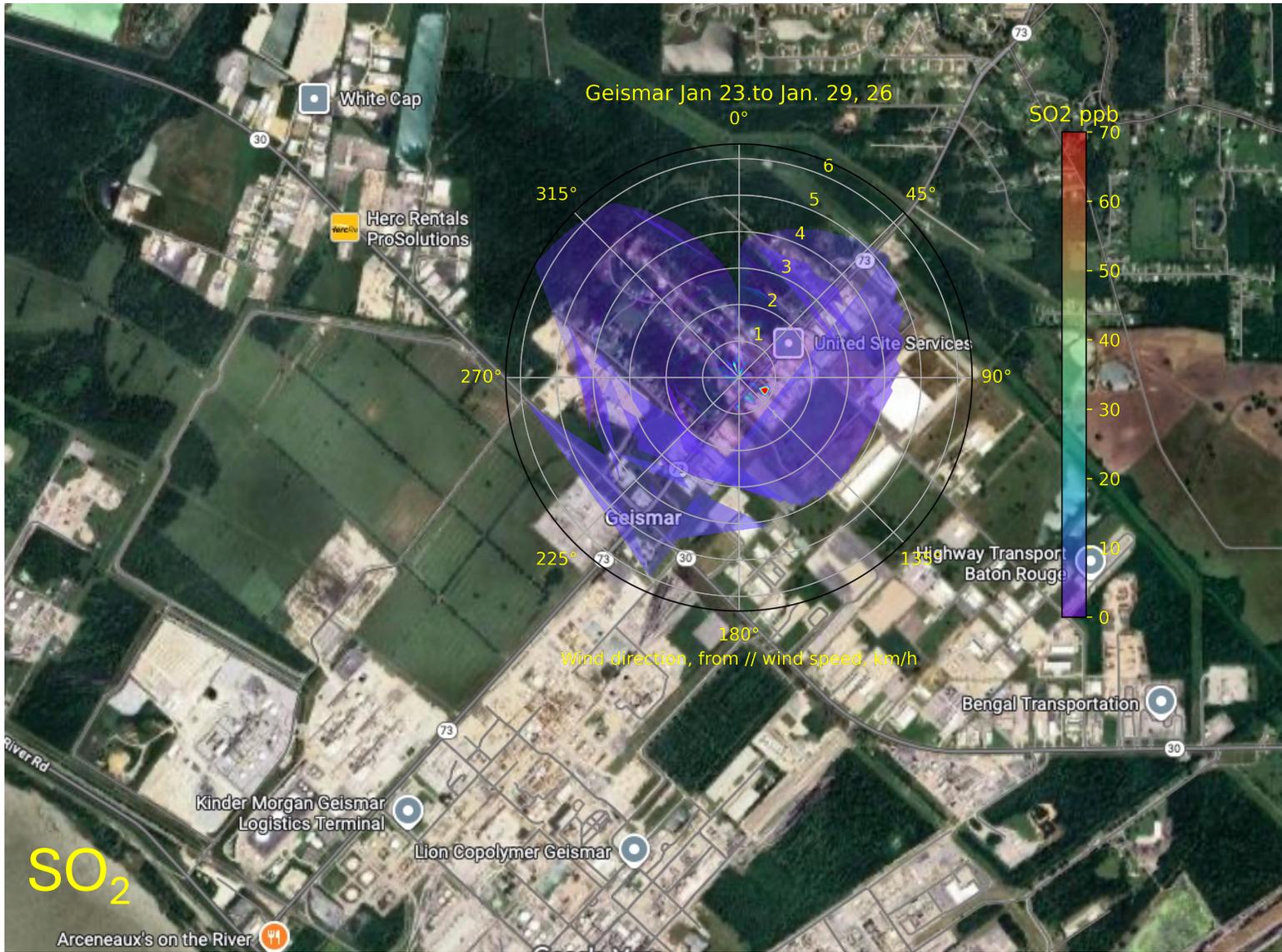


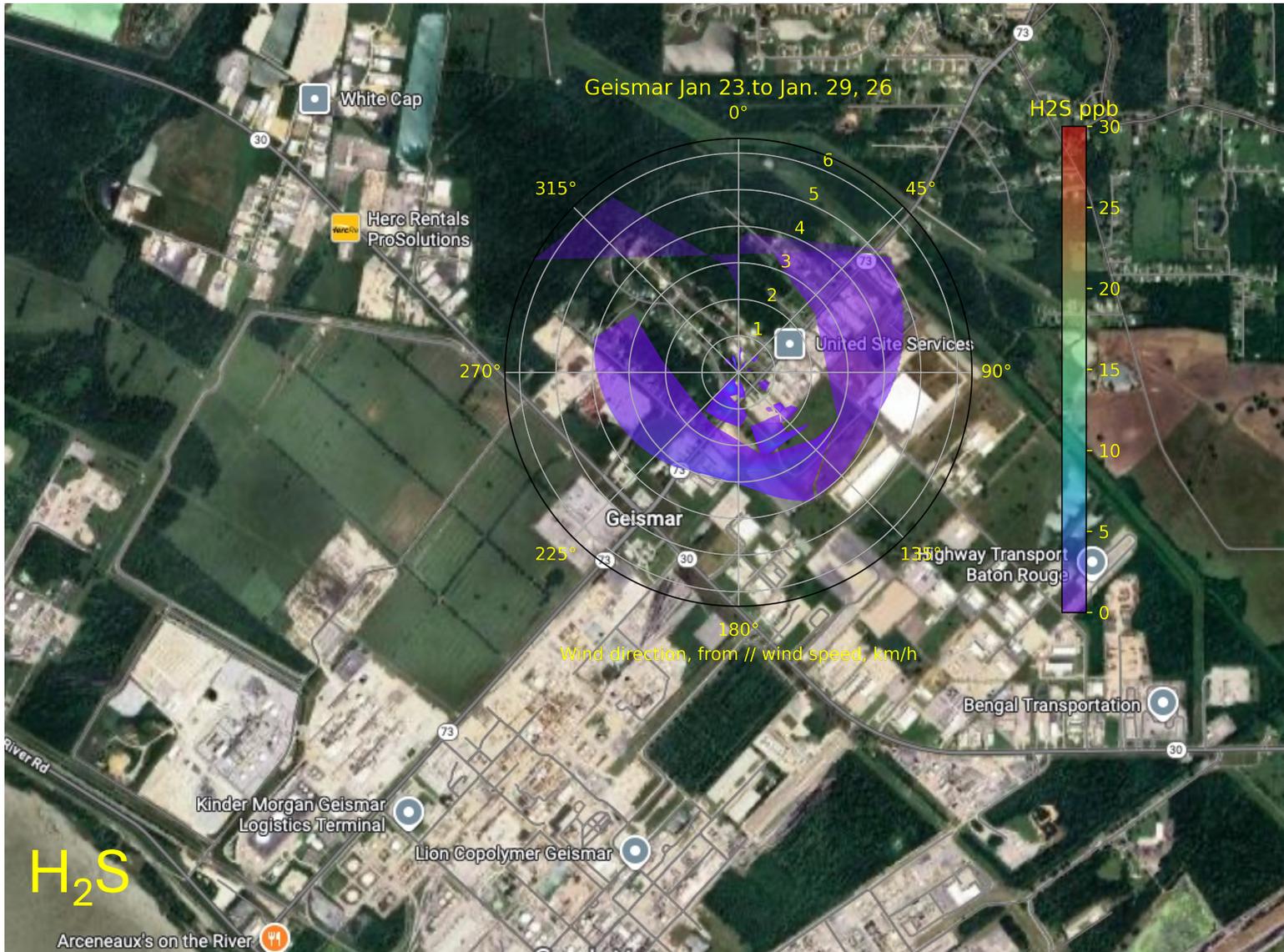
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	10.7	9.6	7.5	12.4	2.6	28.6	112
PM ₁₀ 8 to 11	9.6	7.3	6.0	14.8	2.9	22.3	84
PM ₁₀ 11 to 16	7.6	6.6	5.1	9.0	2.7	22.9	140
PM ₁₀ 16 to 19	10.6	6.1	5.0	12.7	4.0	137.6	84
PM ₁₀ 19 to 4	11.9	8.1	6.7	15.6	4.8	55.8	247

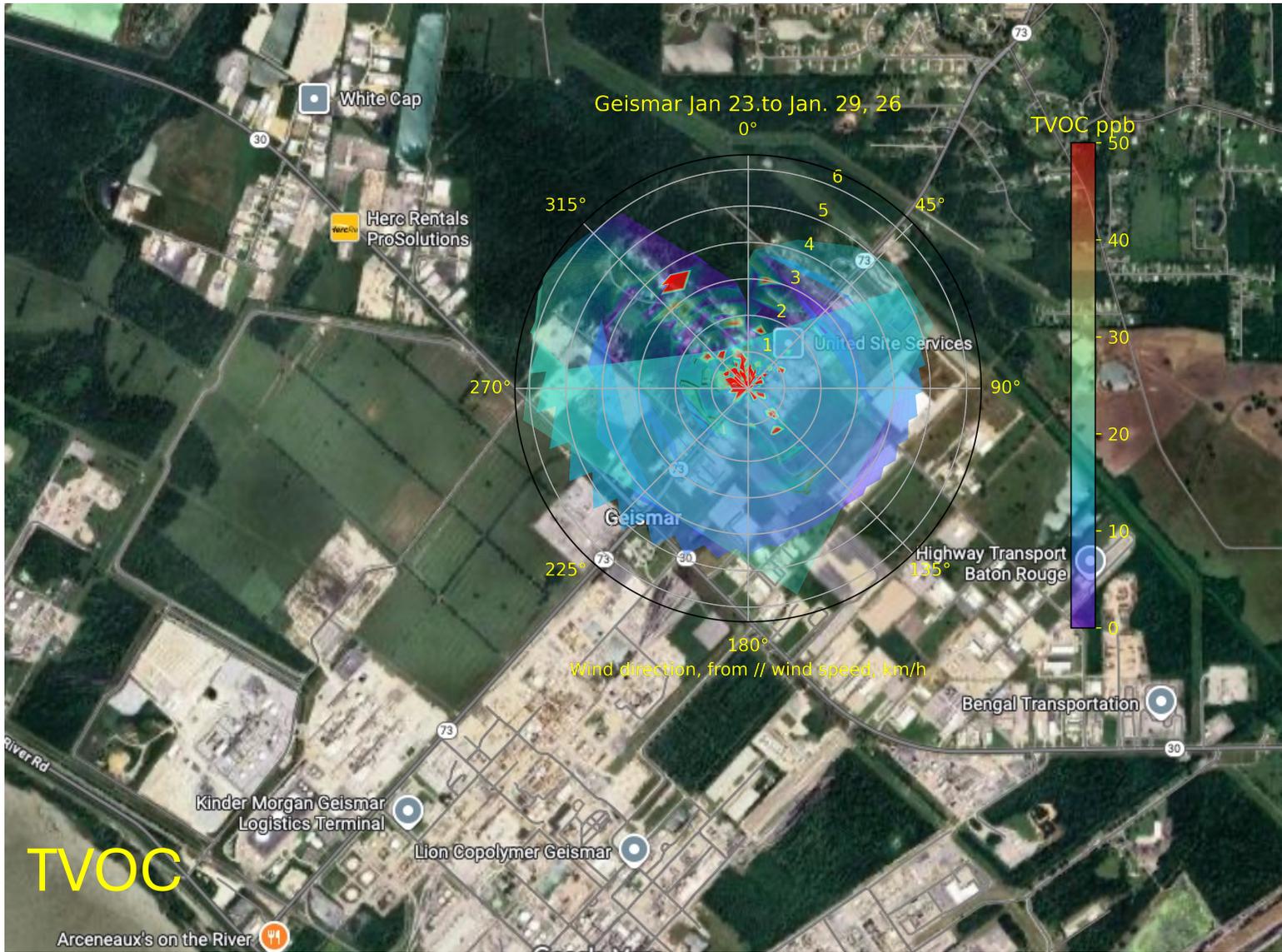
PM₁ data is not referenced and calibrated against regulatory monitor

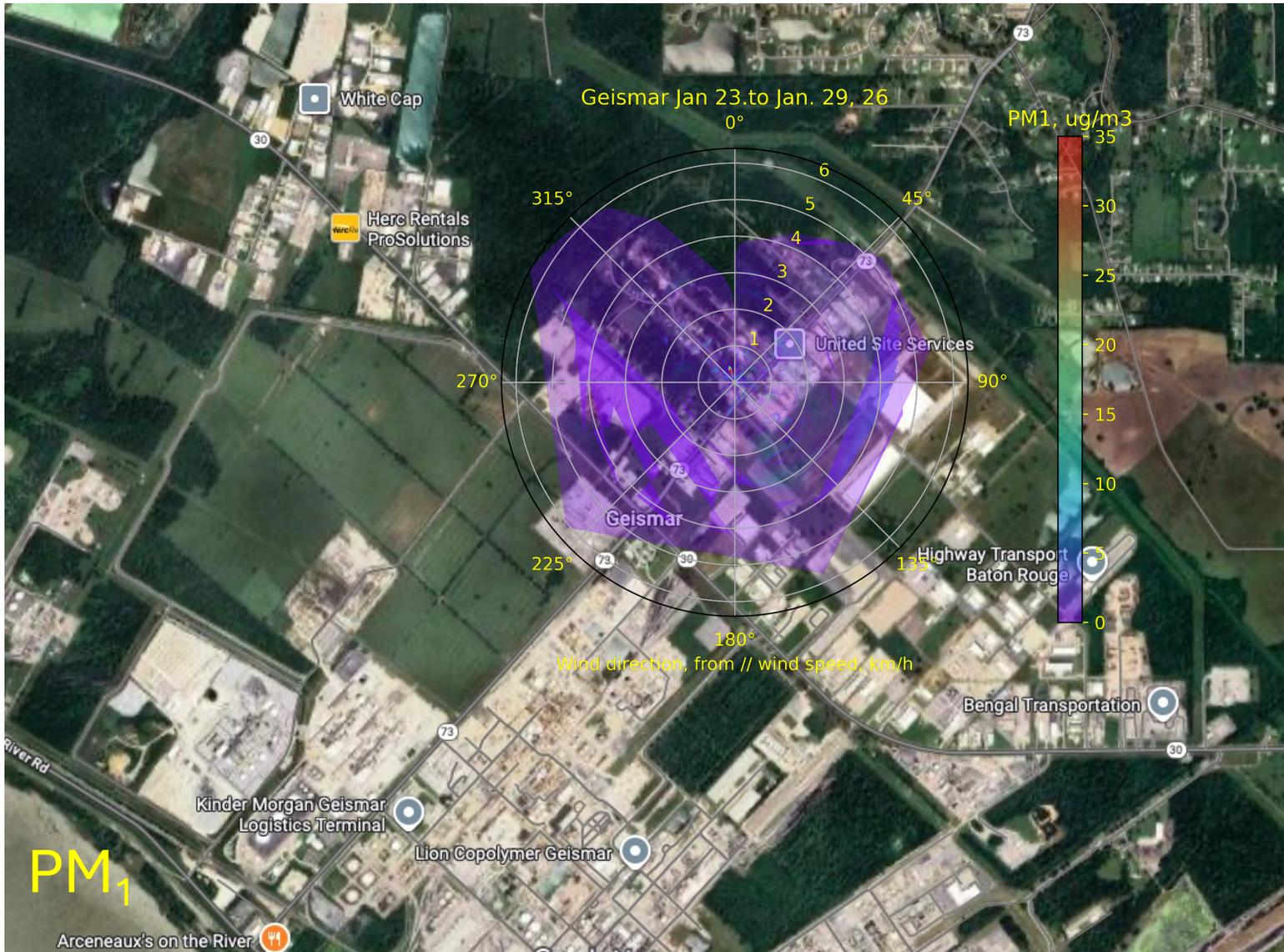


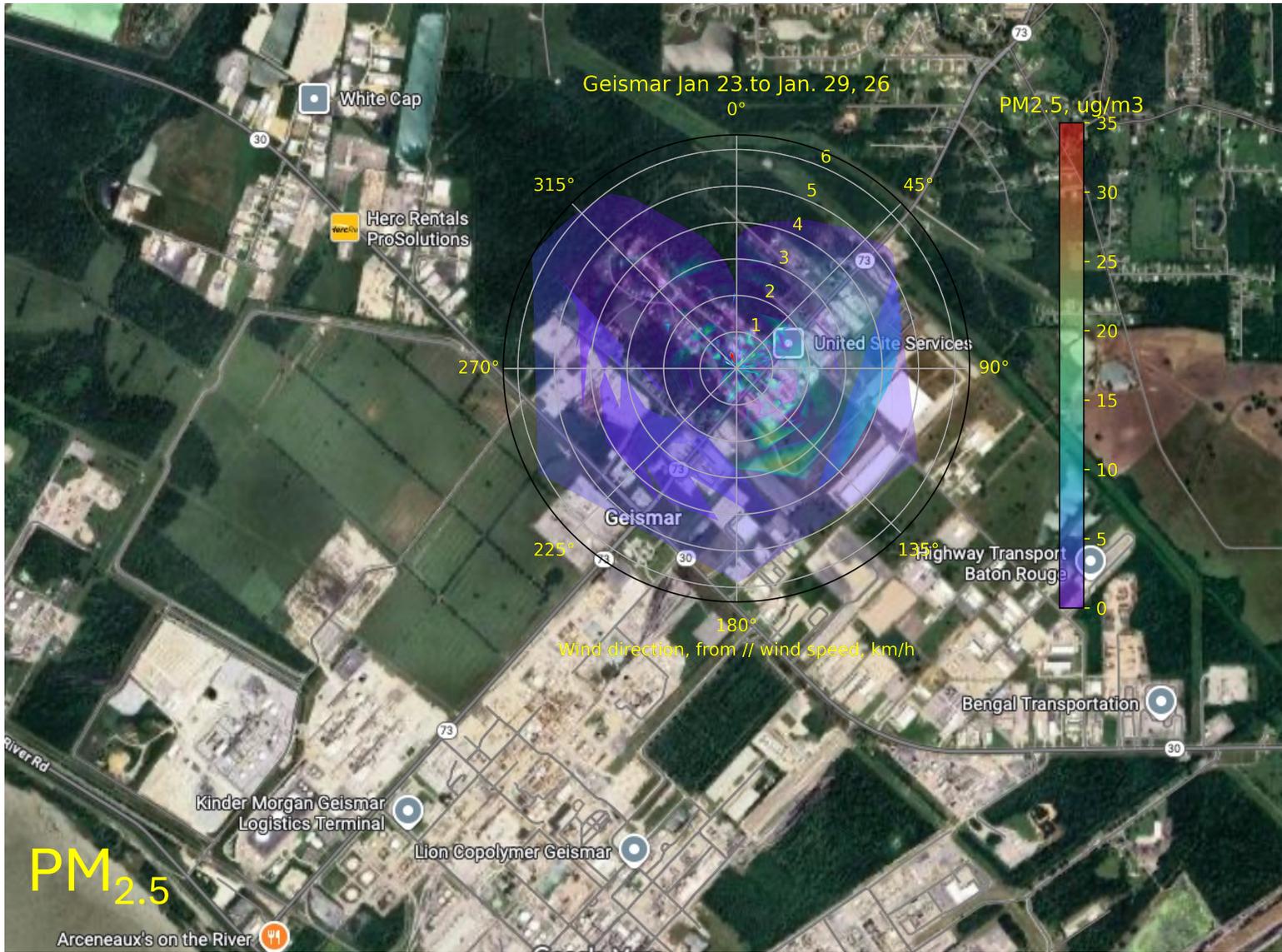


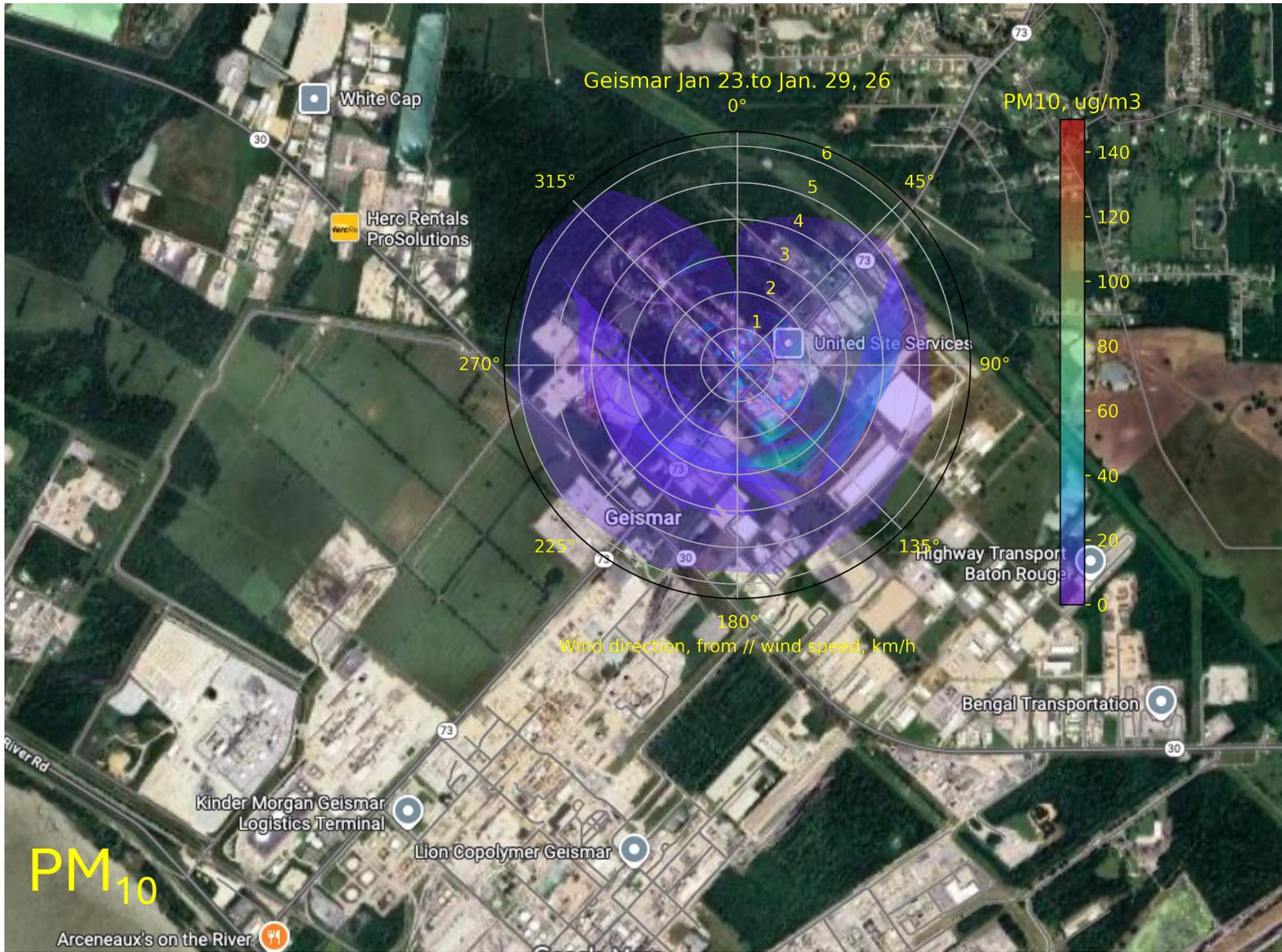












GEISMAR POD

1/23-1/29

- TVOC driven from 2 directions. Dominant from North-West and lesser one from South-East
- Overall concentration of TVOC is consistently high over extended periods.

