

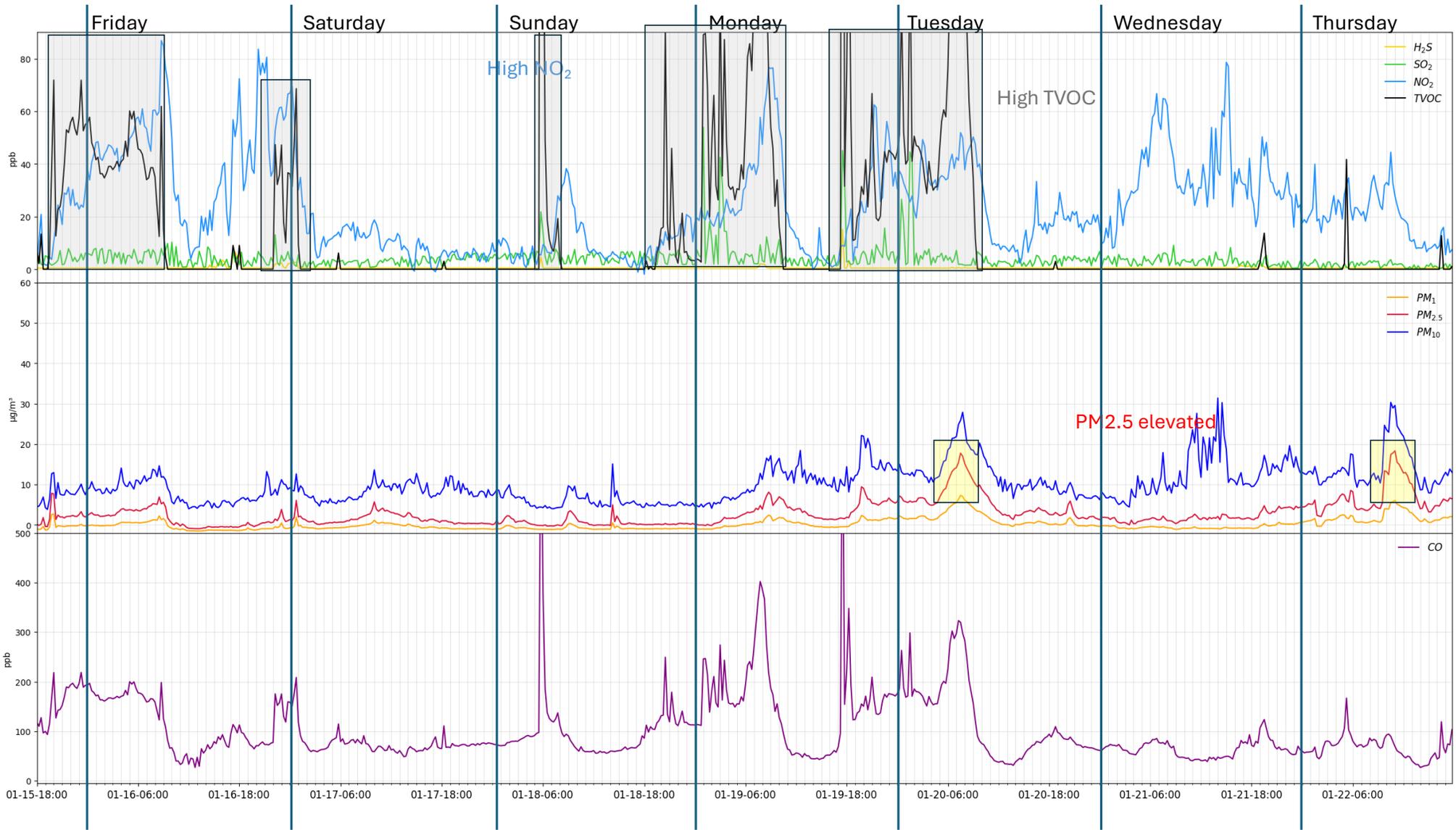
Geismar POD

January 16 - January 22, 2026

Disclaimer

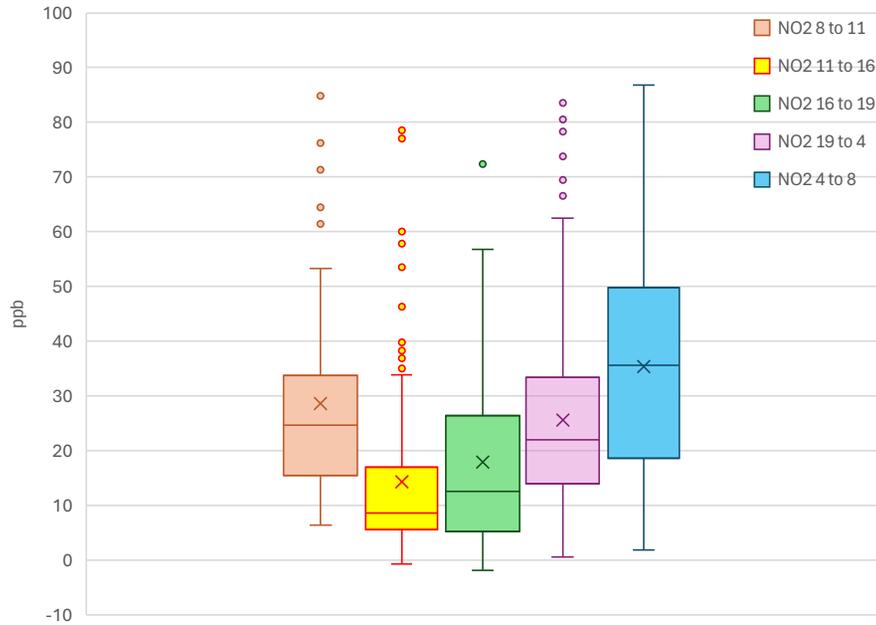
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



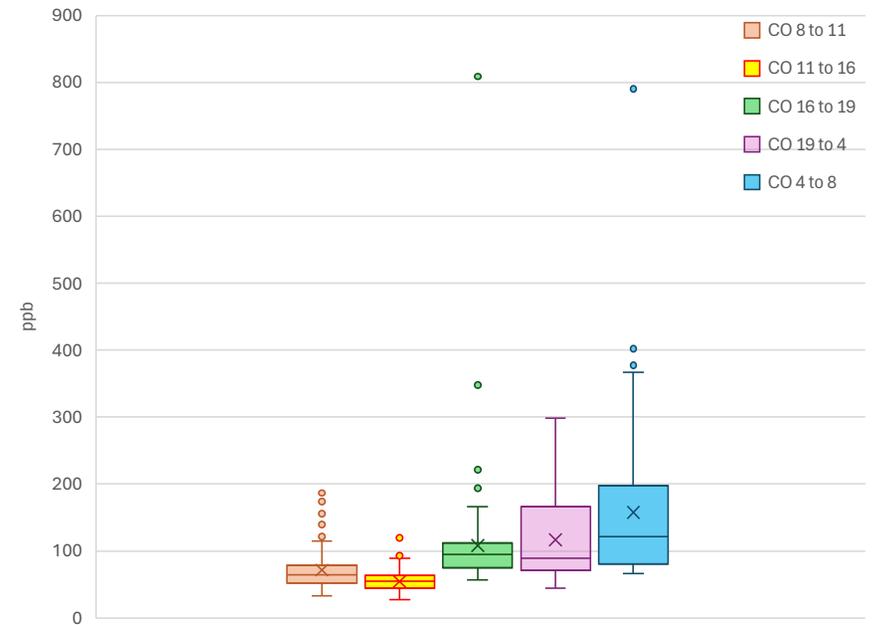
Hourly concentration distribution

NO₂ hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	35.4	35.6	18.7	49.8	1.9	86.8	112
NO ₂ 8 to 11	28.7	24.7	15.5	33.8	6.4	84.8	84
NO ₂ 11 to 16	14.4	8.6	5.6	17.1	-0.7	78.6	140
NO ₂ 16 to 19	17.9	12.6	5.2	26.5	-1.8	72.4	84
NO ₂ 19 to 4	25.7	22.0	14.0	33.6	0.7	83.6	252

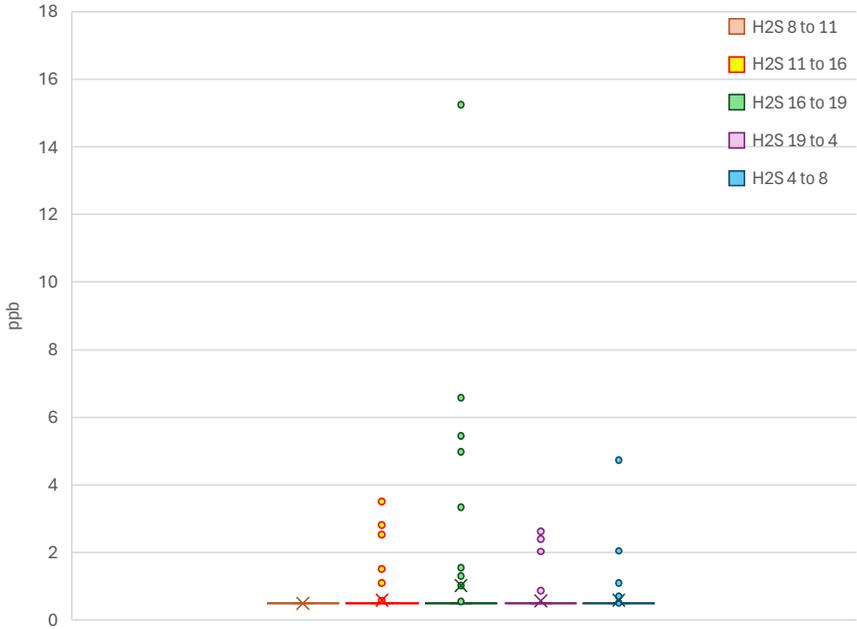
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	157.2	122.0	80.9	198.0	66.5	790.1	112
CO 8 to 11	71.5	64.4	52.4	78.7	33.0	186.6	84
CO 11 to 16	54.4	55.3	44.7	63.6	27.0	119.3	140
CO 16 to 19	108.6	94.9	75.1	112.0	56.7	808.7	84
CO 19 to 4	116.6	89.4	70.8	166.9	44.6	298.4	252

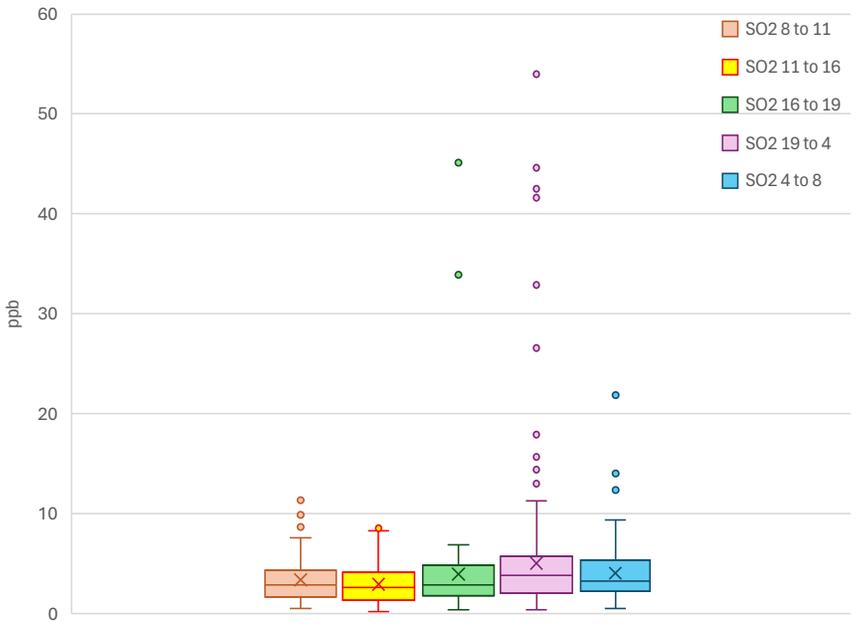
Hourly concentration distribution

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	4.7	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	0.6	0.5	0.5	0.5	0.5	3.5	140
H ₂ S 16 to 19	1.0	0.5	0.5	0.5	0.5	15.3	84
H ₂ S 19 to 4	0.6	0.5	0.5	0.5	0.5	2.7	252

SO₂ hourly distribution

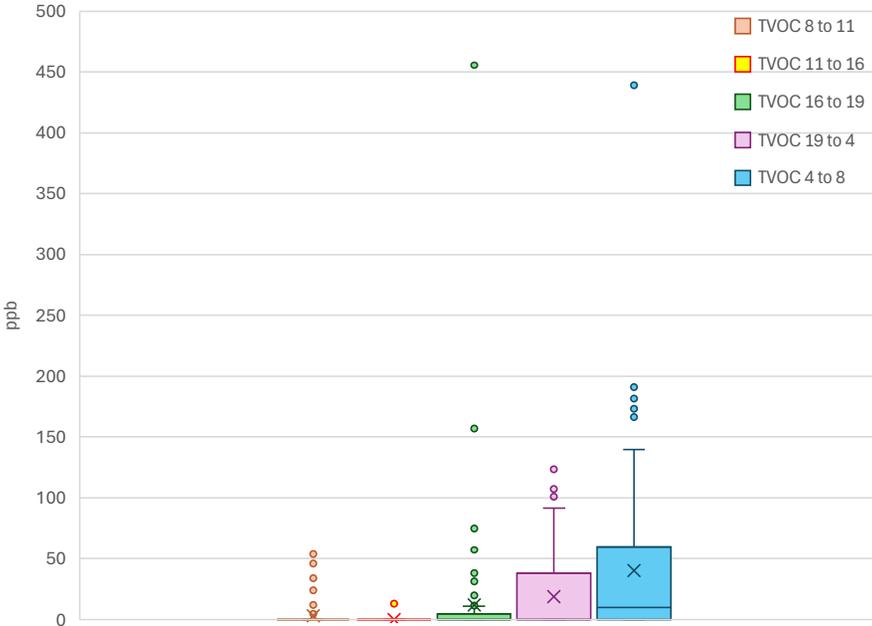


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	4.1	3.3	2.2	5.3	0.5	21.9	112
SO ₂ 8 to 11	3.4	2.9	1.7	4.4	0.5	11.3	84
SO ₂ 11 to 16	3.0	2.7	1.4	4.2	0.2	8.6	140
SO ₂ 16 to 19	4.0	2.9	1.8	4.9	0.4	45.2	84
SO ₂ 19 to 4	5.0	3.8	2.1	5.8	0.4	54.0	252

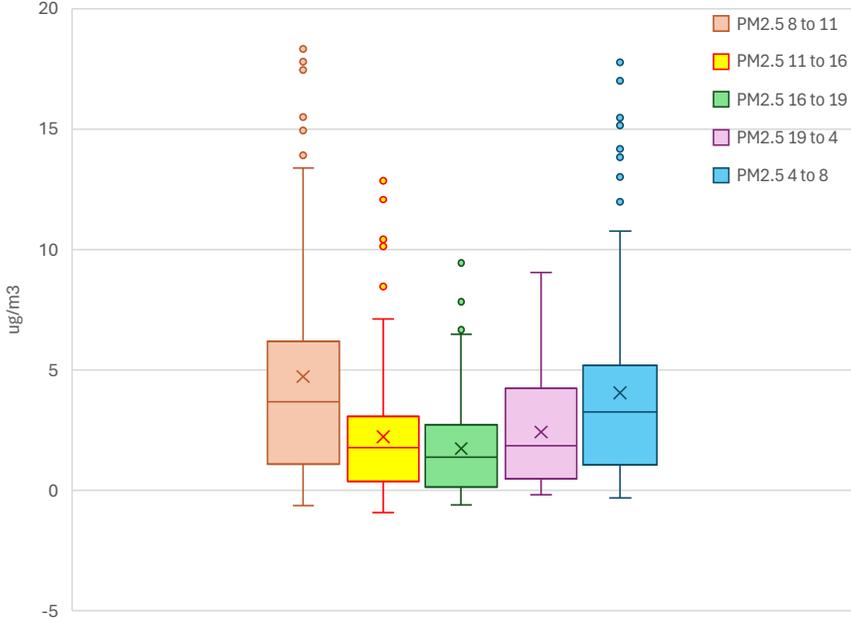
H₂S data is not referenced and calibrated against regulatory monitor

Hourly concentration distribution

TVOC hourly distribution



PM_{2.5} hourly distribution

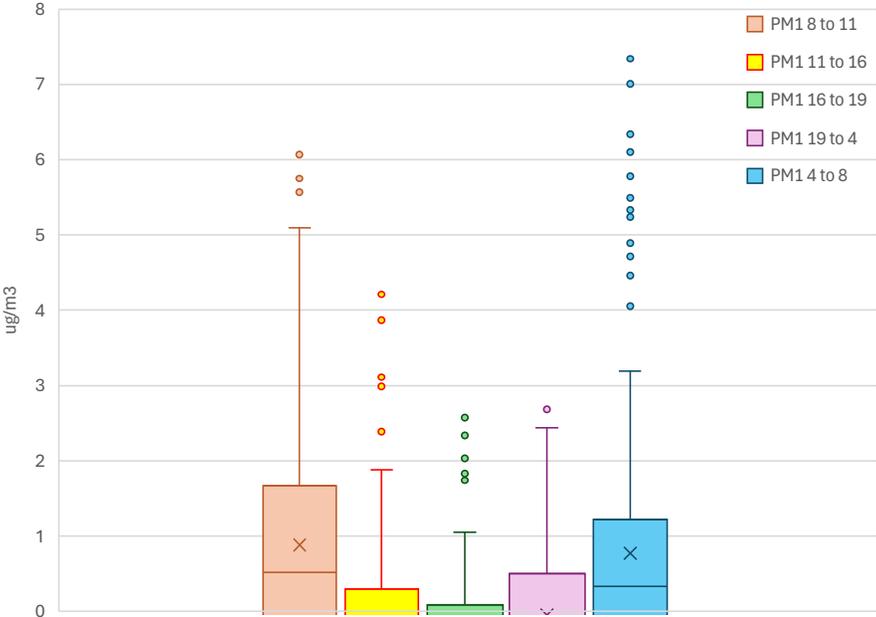


ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	40.4	9.7	0.1	59.5	0.1	438.9	112
TVOC 8 to 11	3.0	0.1	0.1	0.1	0.1	54.0	84
TVOC 11 to 16	0.2	0.1	0.1	0.1	0.1	12.8	140
TVOC 16 to 19	12.1	0.1	0.1	4.6	0.1	455.5	84
TVOC 19 to 4	18.7	0.1	0.1	38.7	0.1	123.4	252

ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	4.1	3.3	1.1	5.2	-0.3	17.8	112
PM _{2.5} 8 to 11	4.7	3.7	1.1	6.2	-0.6	18.3	84
PM _{2.5} 11 to 16	2.2	1.8	0.4	3.1	-0.9	13.0	140
PM _{2.5} 16 to 19	1.7	1.4	0.1	2.7	-0.6	9.4	84
PM _{2.5} 19 to 4	2.4	1.9	0.5	4.2	-0.2	9.1	252

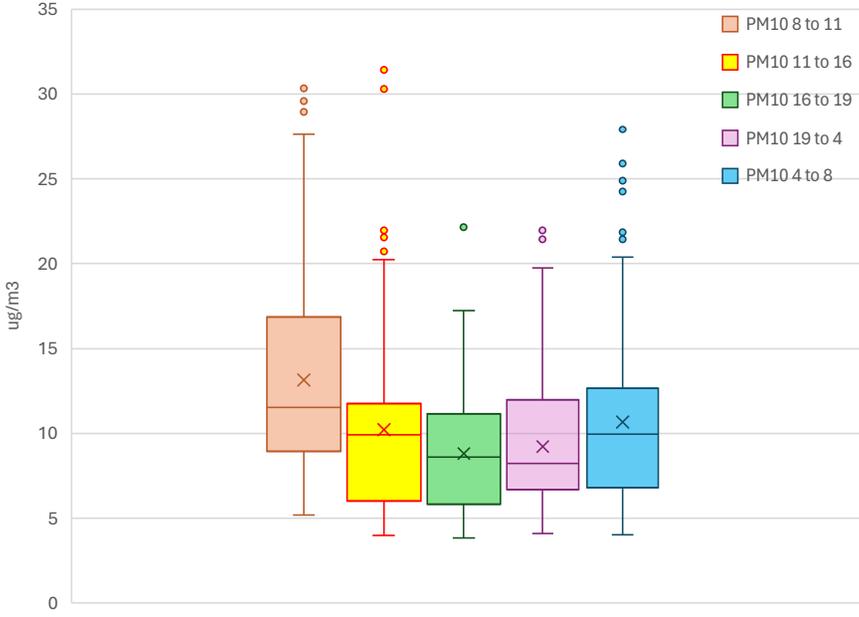
Hourly concentration distribution

PM₁ hourly distribution



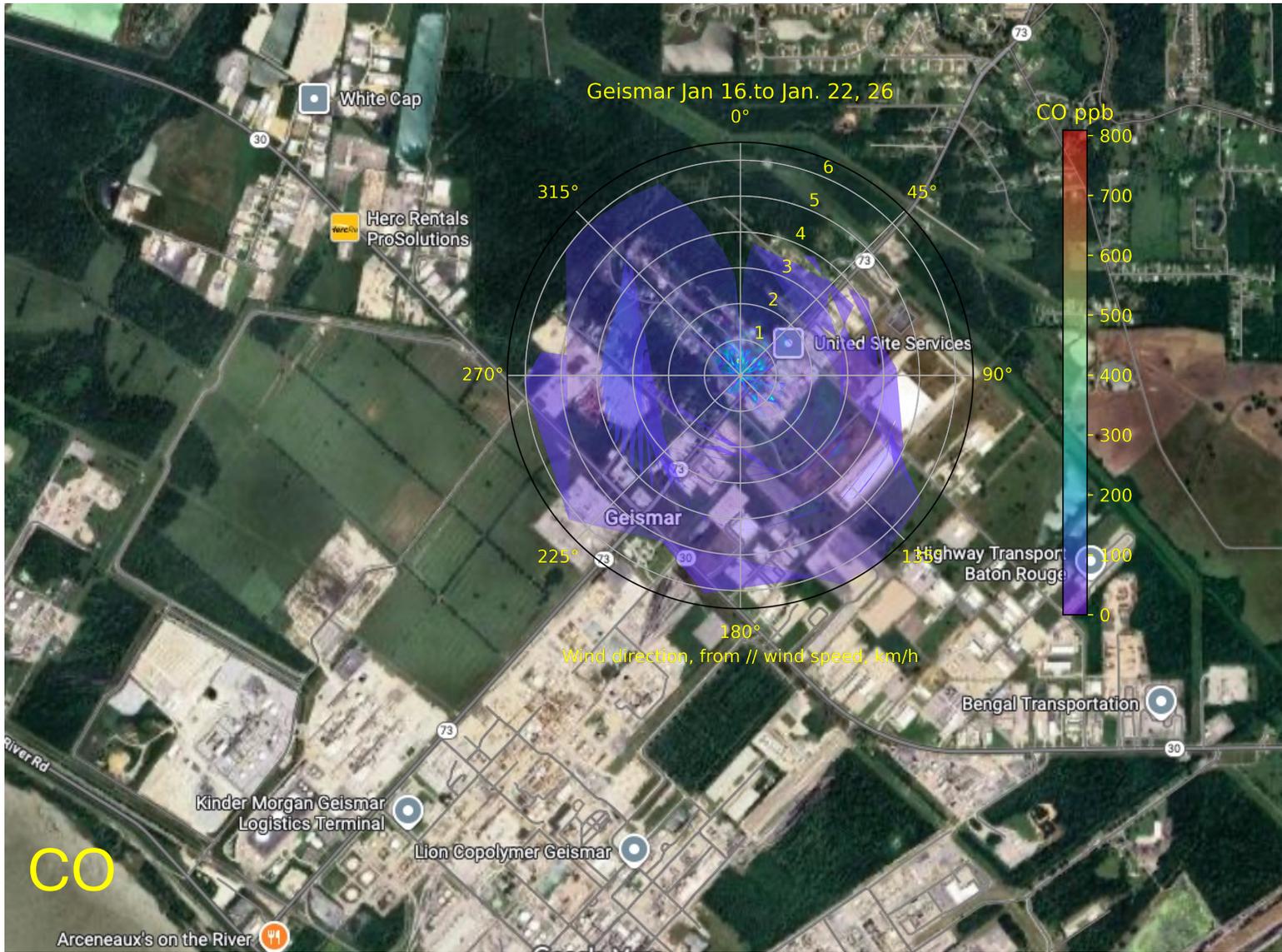
ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	0.8	0.3	-0.6	1.2	-1.2	7.3	112
PM ₁ 8 to 11	0.9	0.5	-0.8	1.7	-1.4	6.1	84
PM ₁ 11 to 16	-0.2	-0.5	-0.9	0.3	-1.5	4.3	140
PM ₁ 16 to 19	-0.4	-0.8	-1.0	0.1	-1.4	2.6	84
PM ₁ 19 to 4	0.0	-0.3	-0.9	0.5	-1.2	2.7	252

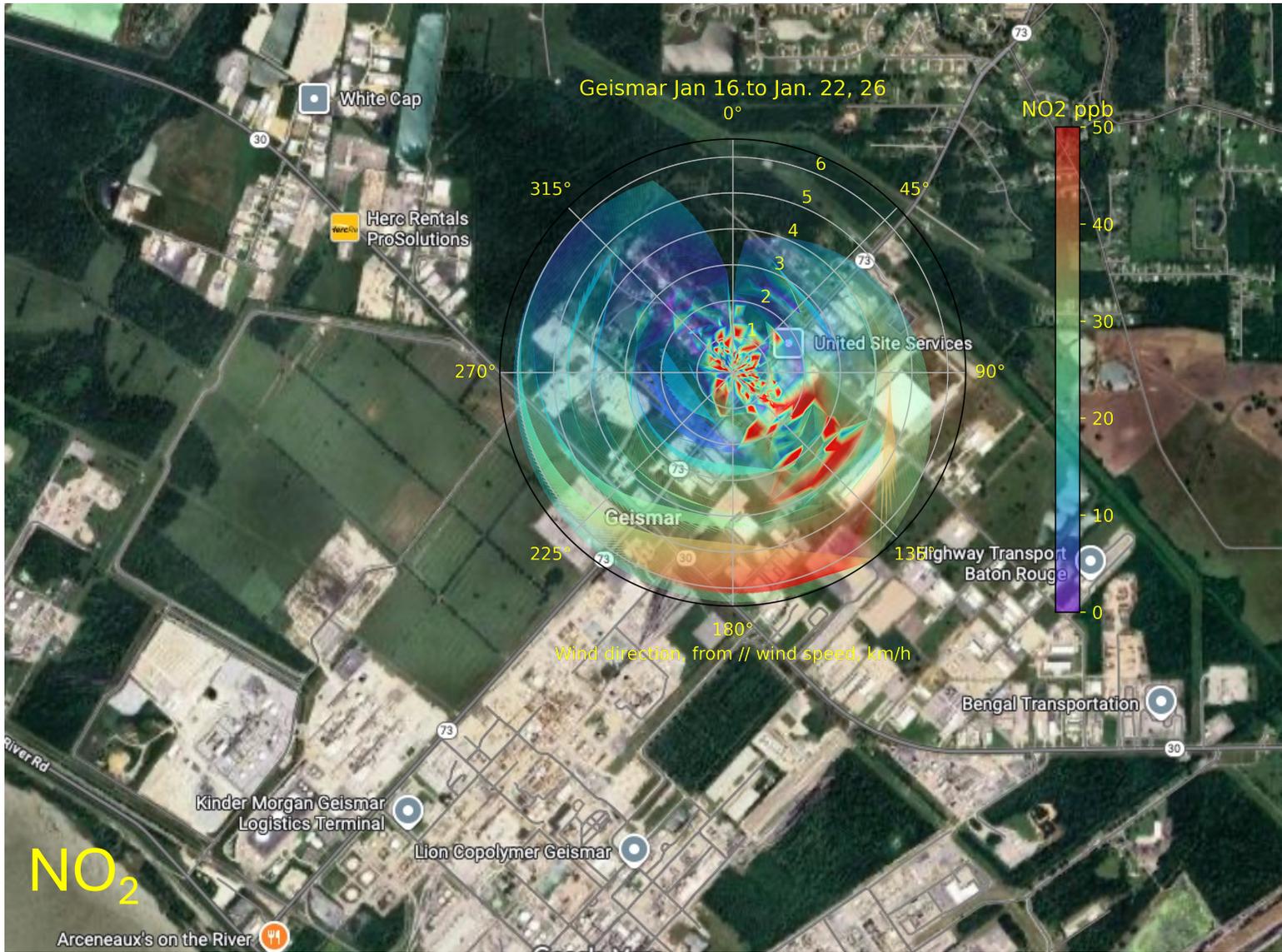
PM₁₀ hourly distribution

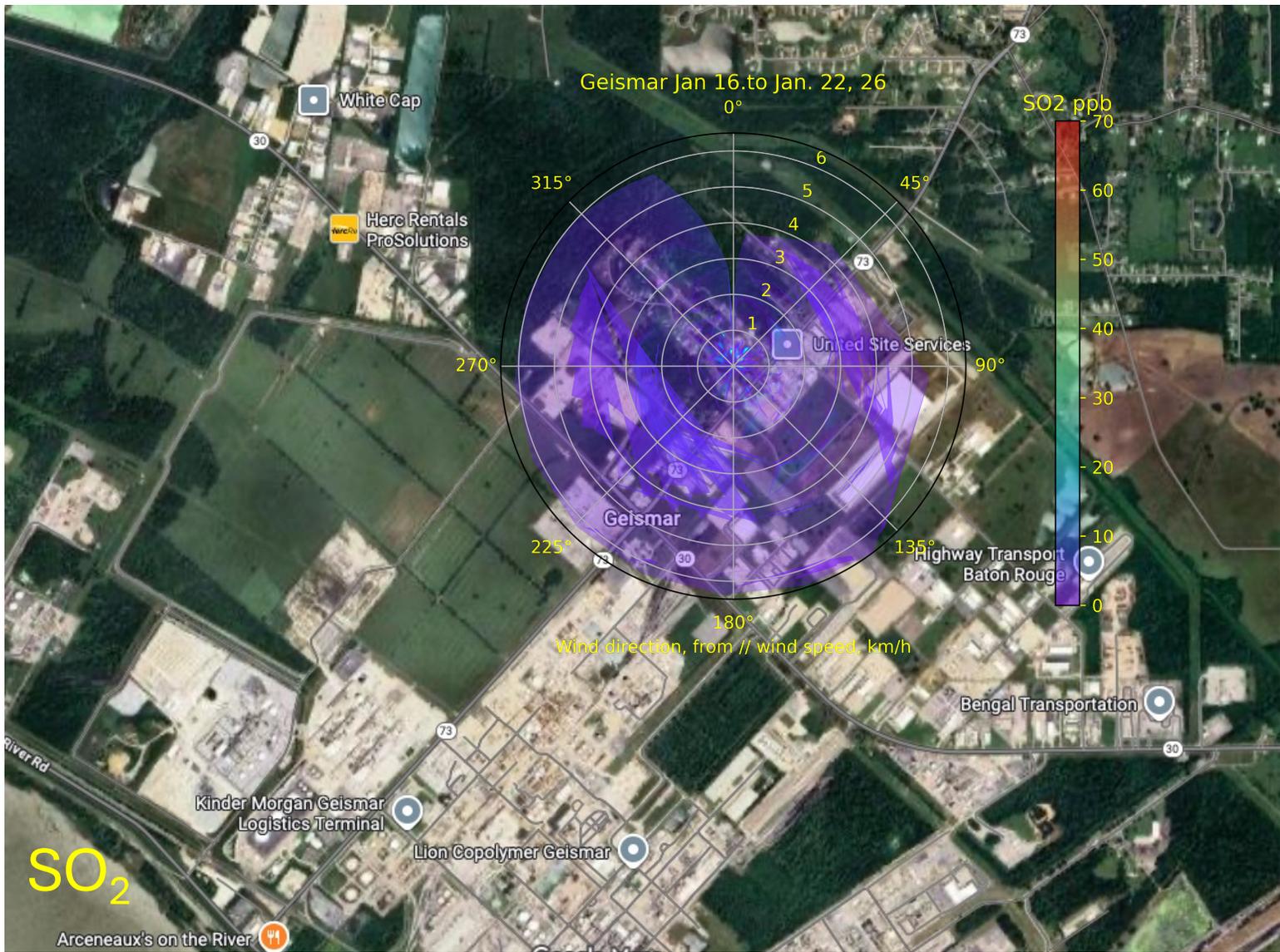


ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	10.7	10.0	6.8	12.6	4.0	27.9	112
PM ₁₀ 8 to 11	13.2	11.5	9.0	16.9	5.2	30.3	84
PM ₁₀ 11 to 16	10.2	9.9	6.0	11.8	4.0	31.4	140
PM ₁₀ 16 to 19	8.8	8.6	5.8	11.2	3.8	22.1	84
PM ₁₀ 19 to 4	9.2	8.2	6.7	12.0	4.1	22.0	252

PM₁ data is not referenced and calibrated against regulatory monitor

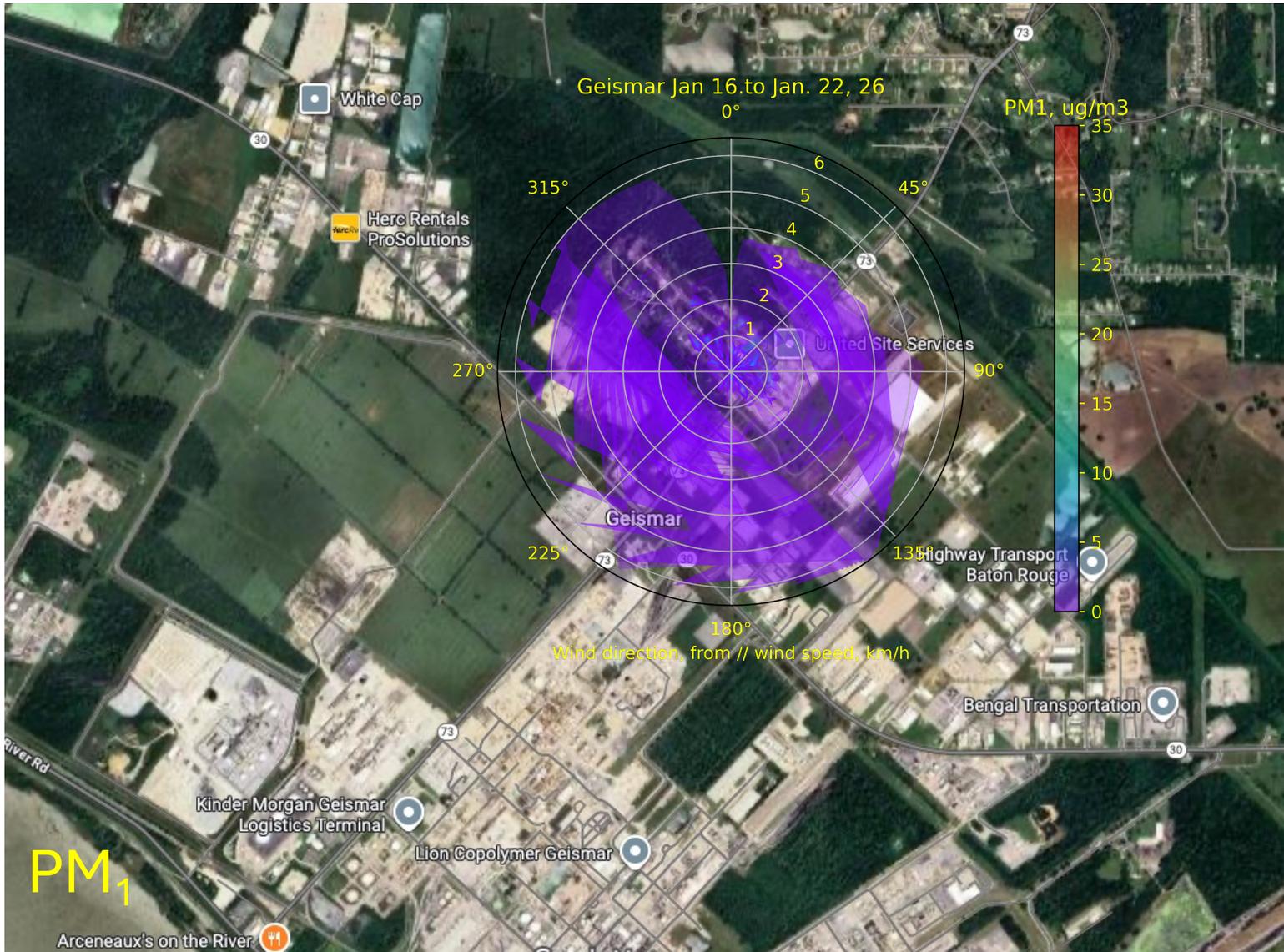


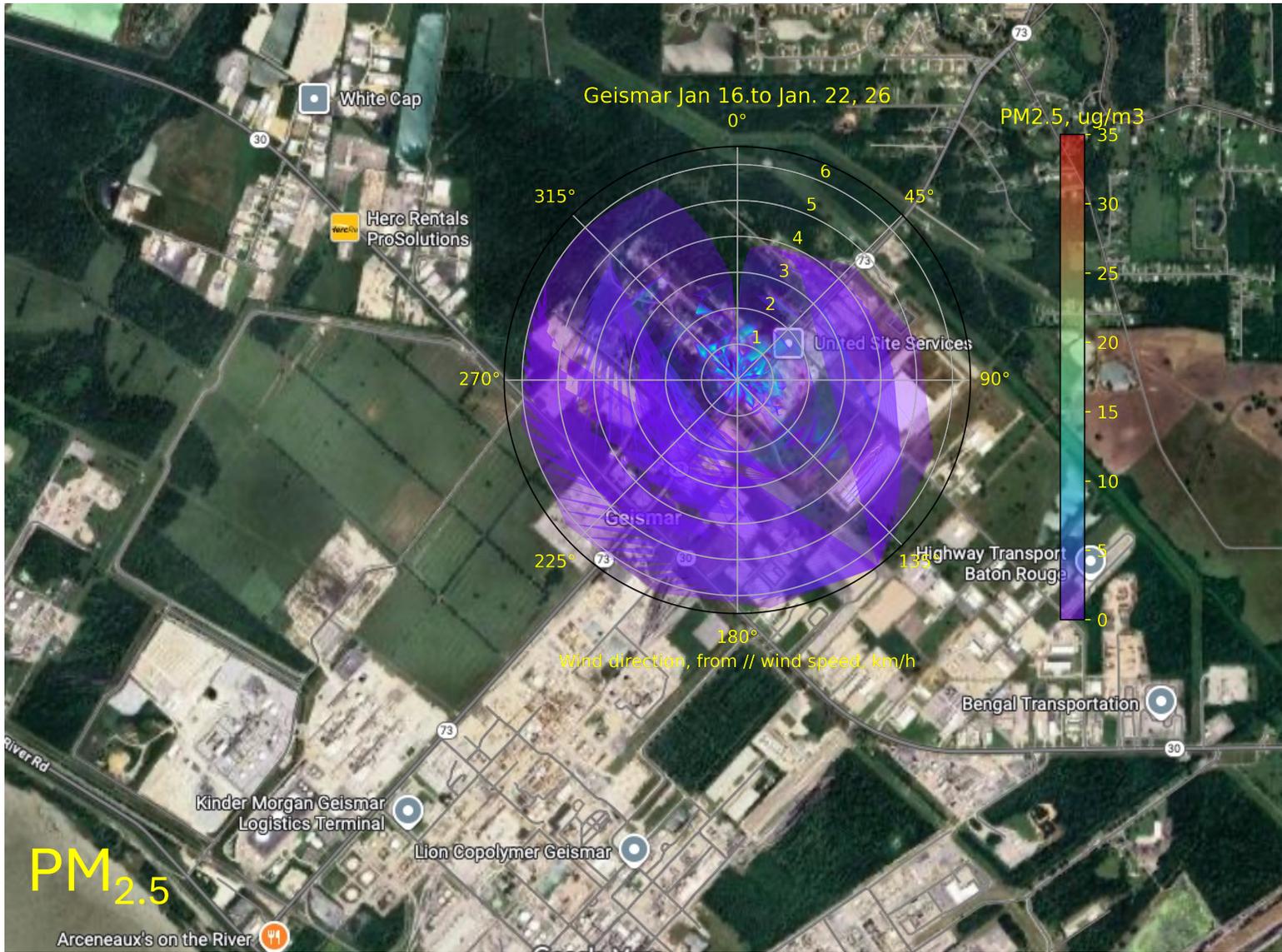


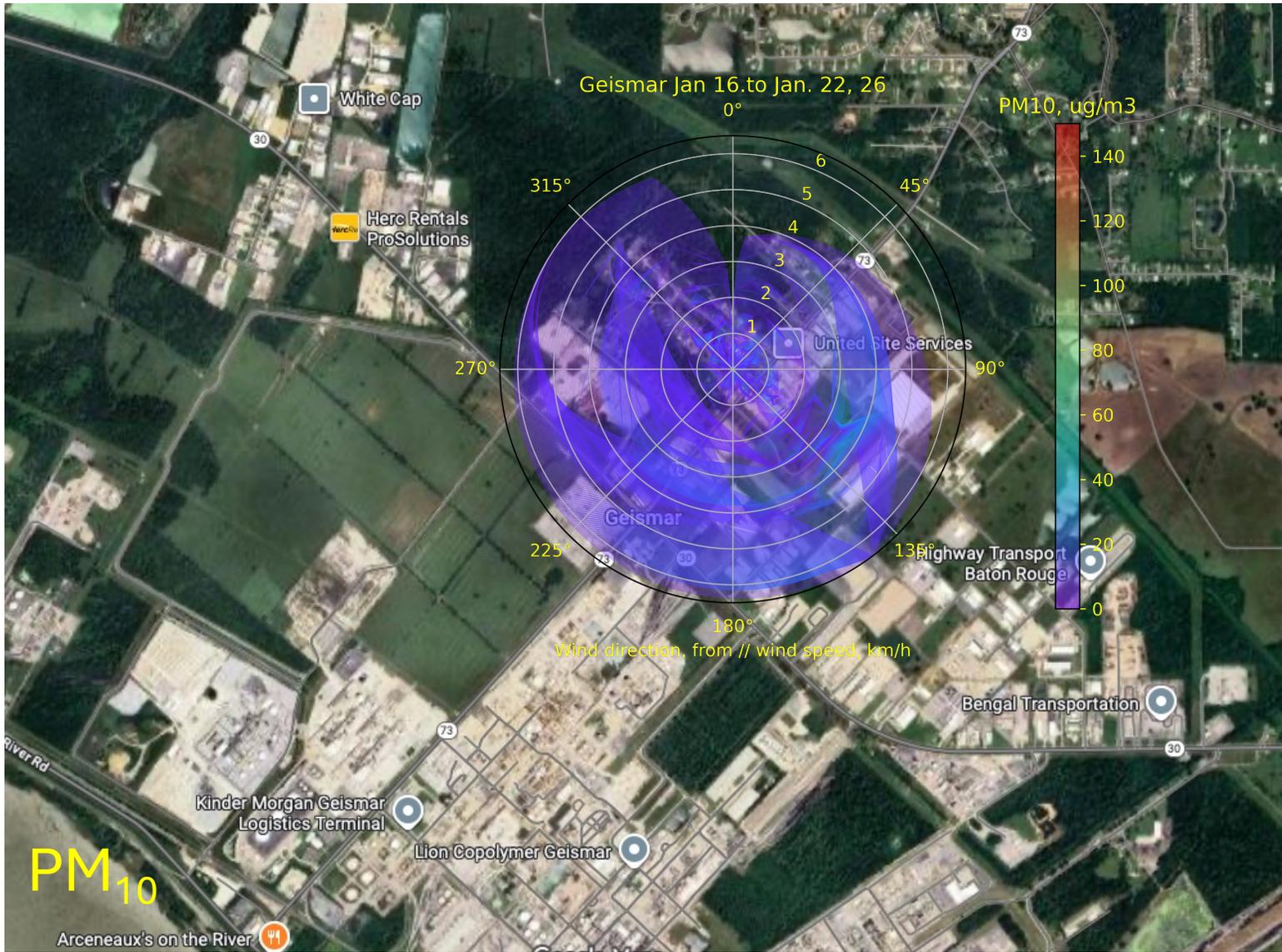












GEISMAR POD

1/16-1/22

- Week marked with multiple and persistently elevated TVOC. TVOCs are not directionally directed due to stagnant air.

