

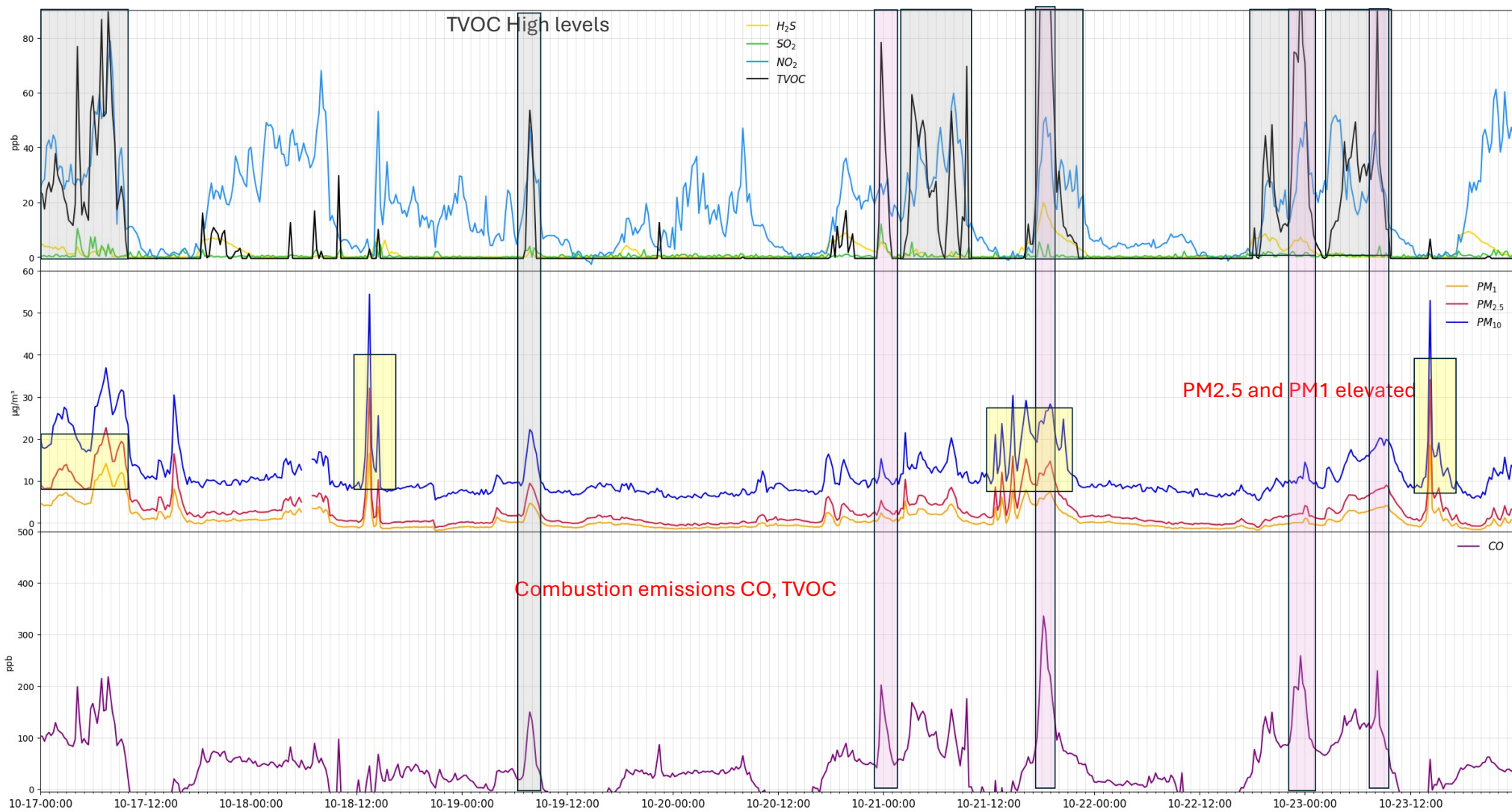
Donaldsonville POD

October 17 - 23, 2025

Disclaimer

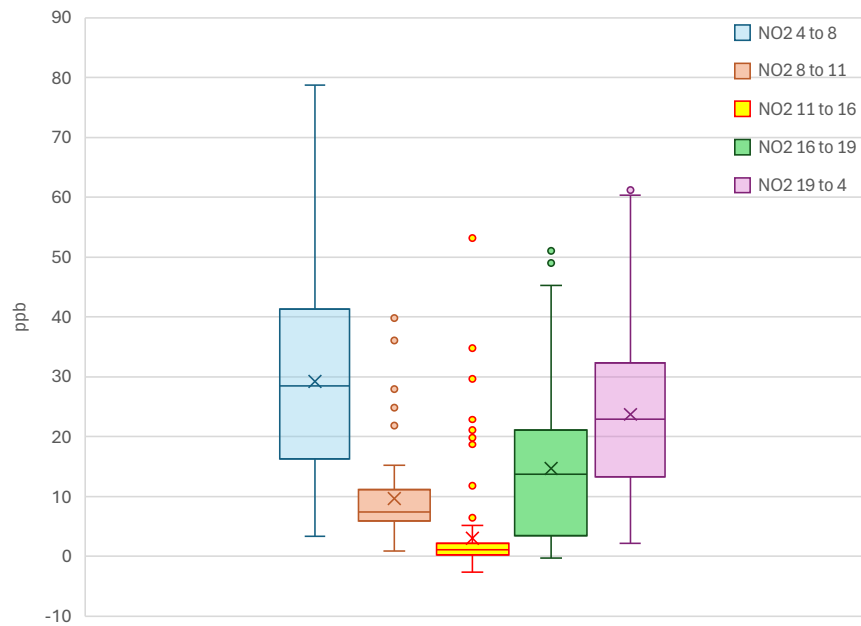
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



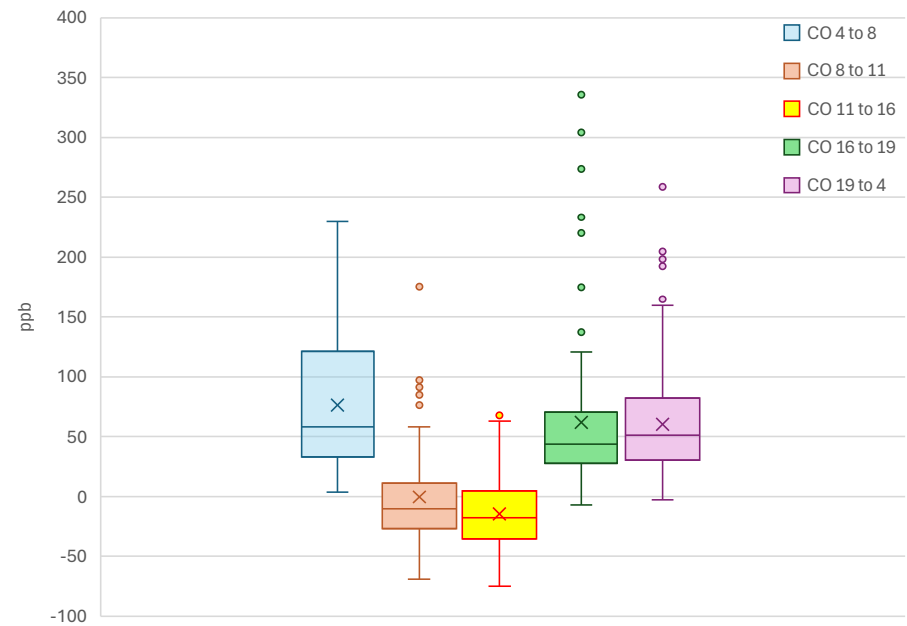
Hourly concentration distribution

NO2 hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO2 4 to 8	29.2	28.5	16.1	41.5	3.3	78.8	112
NO2 8 to 11	9.7	7.4	5.9	11.2	0.9	39.9	84
NO2 11 to 16	3.0	1.1	0.3	2.2	-2.7	53.2	140
NO2 16 to 19	14.6	13.7	3.4	21.1	-0.3	51.0	84
NO2 19 to 4	23.7	22.9	13.0	32.6	2.2	61.2	252

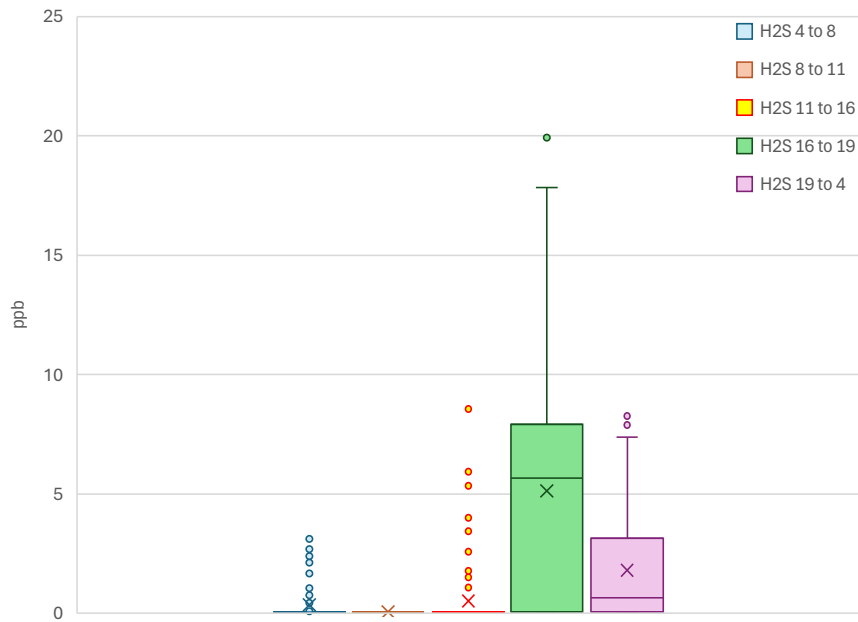
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	76.3	58.2	32.8	123.5	3.9	229.8	112
CO 8 to 11	-0.3	-10.1	-26.5	11.0	-68.9	175.5	84
CO 11 to 16	-14.6	-17.7	-35.6	4.5	-74.9	67.7	140
CO 16 to 19	62.0	43.5	27.9	70.5	-7.0	335.7	84
CO 19 to 4	60.4	51.2	30.2	82.7	-2.7	258.9	252

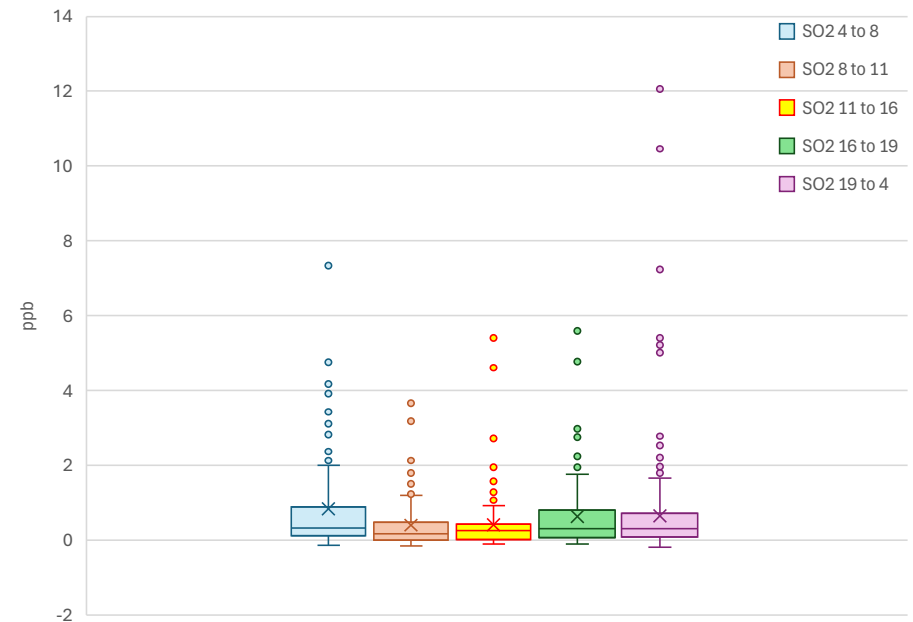
Hourly concentration distribution

H₂S hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	0.4	0.1	0.1	0.0	0.0	3.3	112
H ₂ S 8 to 11	0.1	0.1	0.1	0.1	0.1	0.1	84
H ₂ S 11 to 16	0.5	0.1	0.1	0.1	0.1	8.6	140
H ₂ S 16 to 19	5.1	5.7	0.1	8.0	0.1	19.9	84
H ₂ S 19 to 4	1.8	0.7	0.1	3.2	0.1	8.3	252

SO₂ hourly distribution

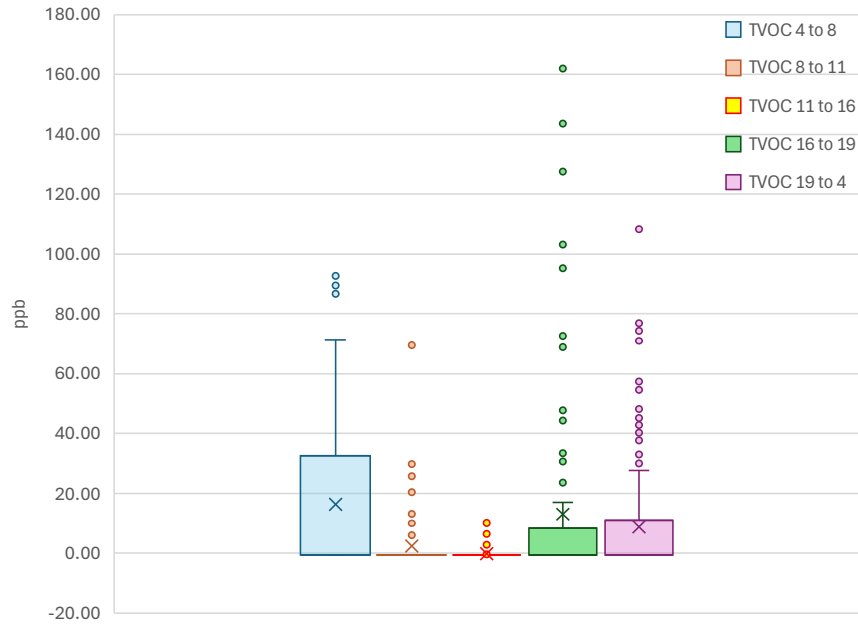


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	0.8	0.3	0.1	0.9	-0.1	7.4	112
SO ₂ 8 to 11	0.4	0.2	0.0	0.5	-0.2	3.7	84
SO ₂ 11 to 16	0.4	0.3	0.0	0.4	-0.1	5.4	140
SO ₂ 16 to 19	0.6	0.3	0.1	0.8	-0.1	5.6	84
SO ₂ 19 to 4	0.7	0.3	0.1	0.7	-0.2	12.1	252

H₂S data is not referenced and calibrated against regulatory monitor

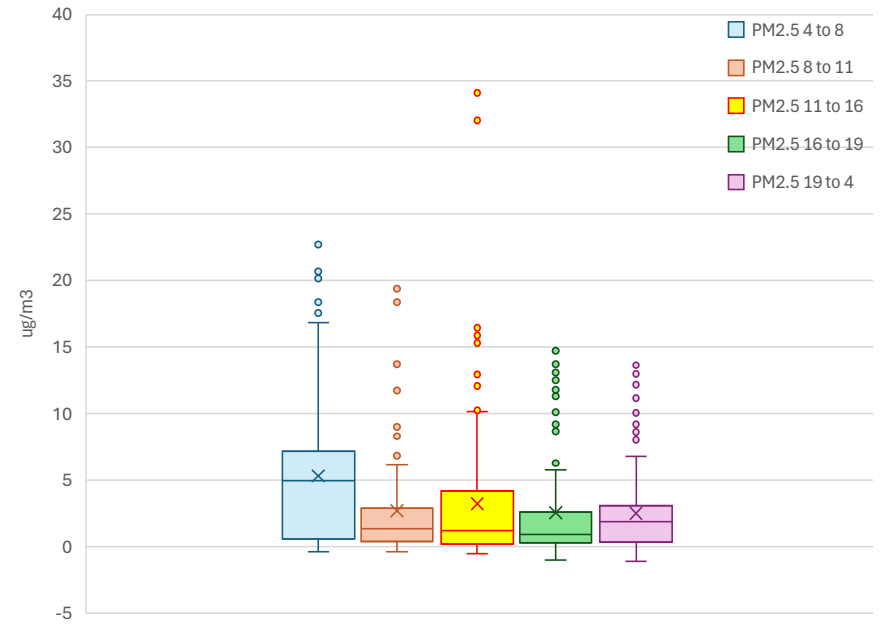
Hourly concentration distribution

TVOC hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	16.4	-0.5	-0.5	32.8	-0.5	92.7	112
TVOC 8 to 11	2.5	-0.5	-0.5	-0.5	-0.5	69.6	84
TVOC 11 to 16	-0.2	-0.5	-0.5	-0.5	-0.5	12.1	140
TVOC 16 to 19	13.0	-0.5	-0.5	8.4	-0.5	161.9	84
TVOC 19 to 4	8.8	-0.5	-0.5	11.3	-0.5	108.2	252

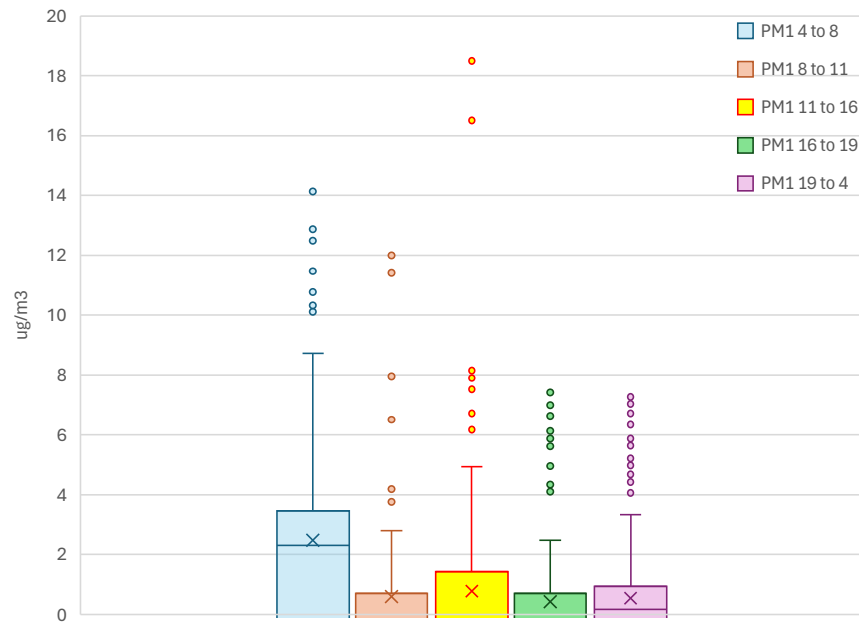
PM2.5 hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM2.5 4 to 8	5.3	4.9	0.5	7.2	-0.4	22.7	108
PM2.5 8 to 11	2.7	1.4	0.4	2.9	-0.4	19.4	84
PM2.5 11 to 16	3.2	1.2	0.2	4.2	-0.5	34.1	140
PM2.5 16 to 19	2.6	0.9	0.3	2.6	-1.0	14.7	84
PM2.5 19 to 4	2.5	1.9	0.3	3.1	-1.1	13.9	252

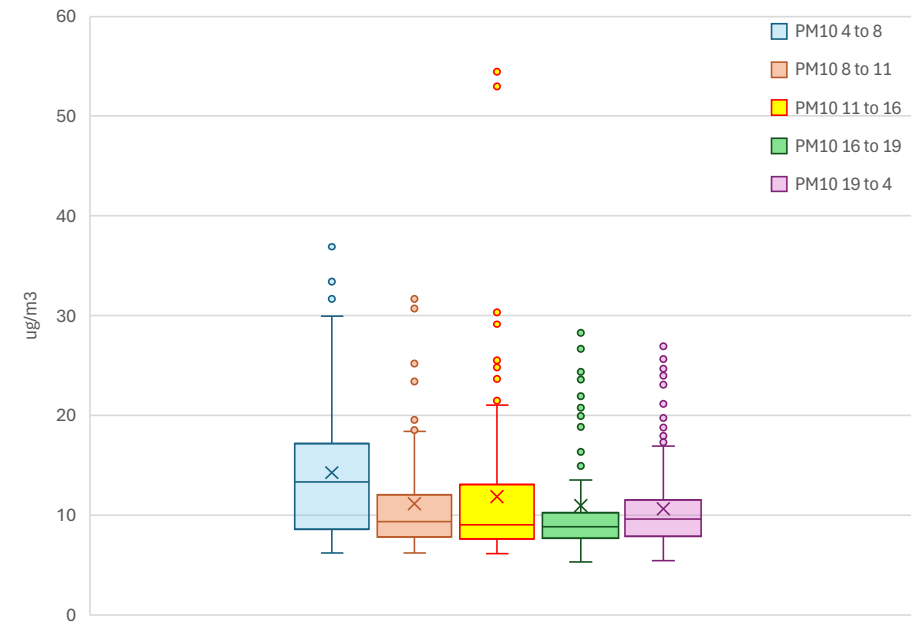
Hourly concentration distribution

PM1 hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM1 4 to 8	2.5	2.3	-0.7	3.5	-1.3	14.1	108
PM1 8 to 11	0.6	-0.3	-0.9	0.7	-1.3	12.0	84
PM1 11 to 16	0.8	-0.5	-1.0	1.4	-1.4	18.5	140
PM1 16 to 19	0.4	-0.4	-1.0	0.7	-1.7	7.4	84
PM1 19 to 4	0.5	0.2	-0.9	1.0	-1.8	7.3	252

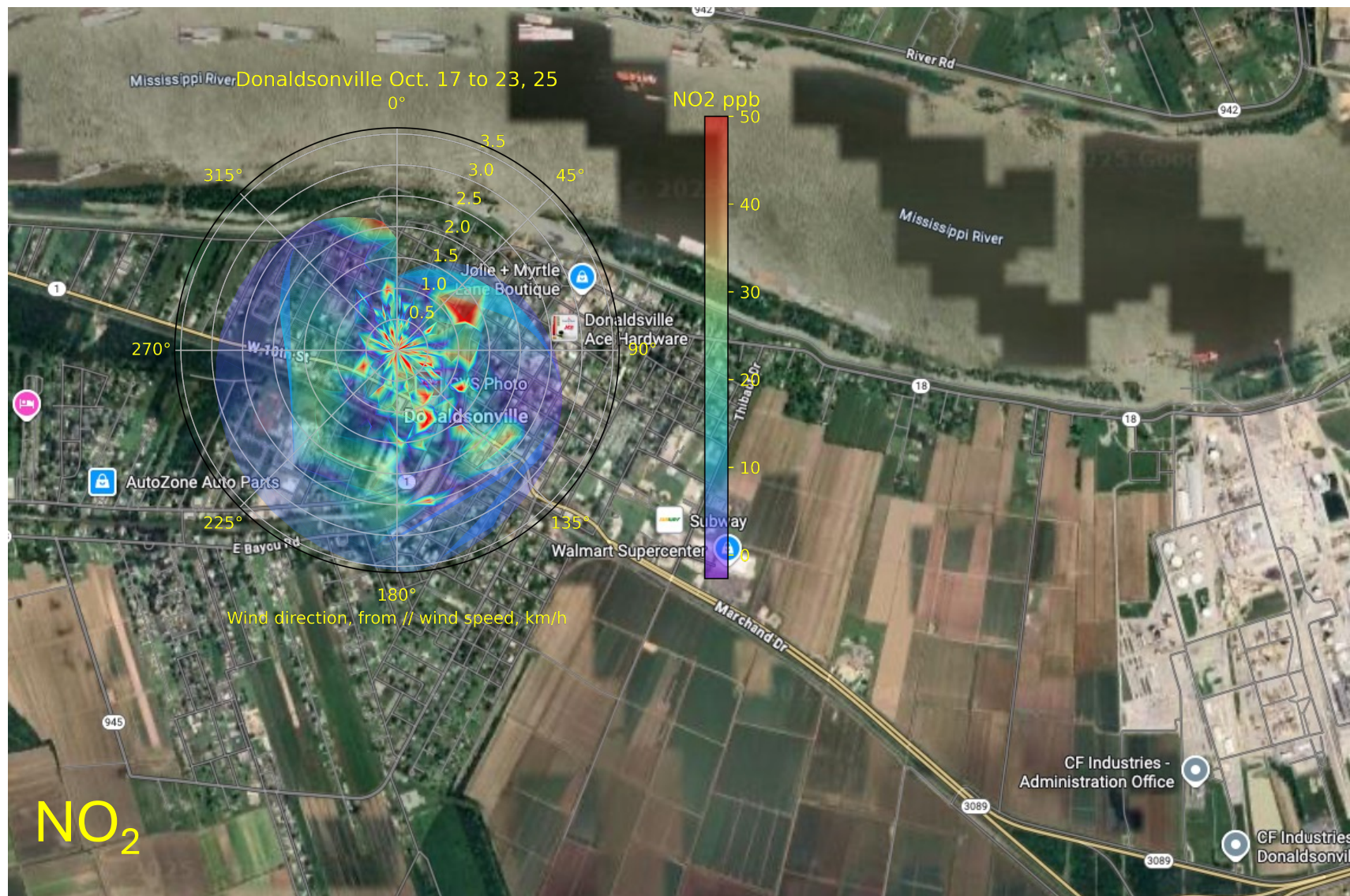
PM10 hourly distribution

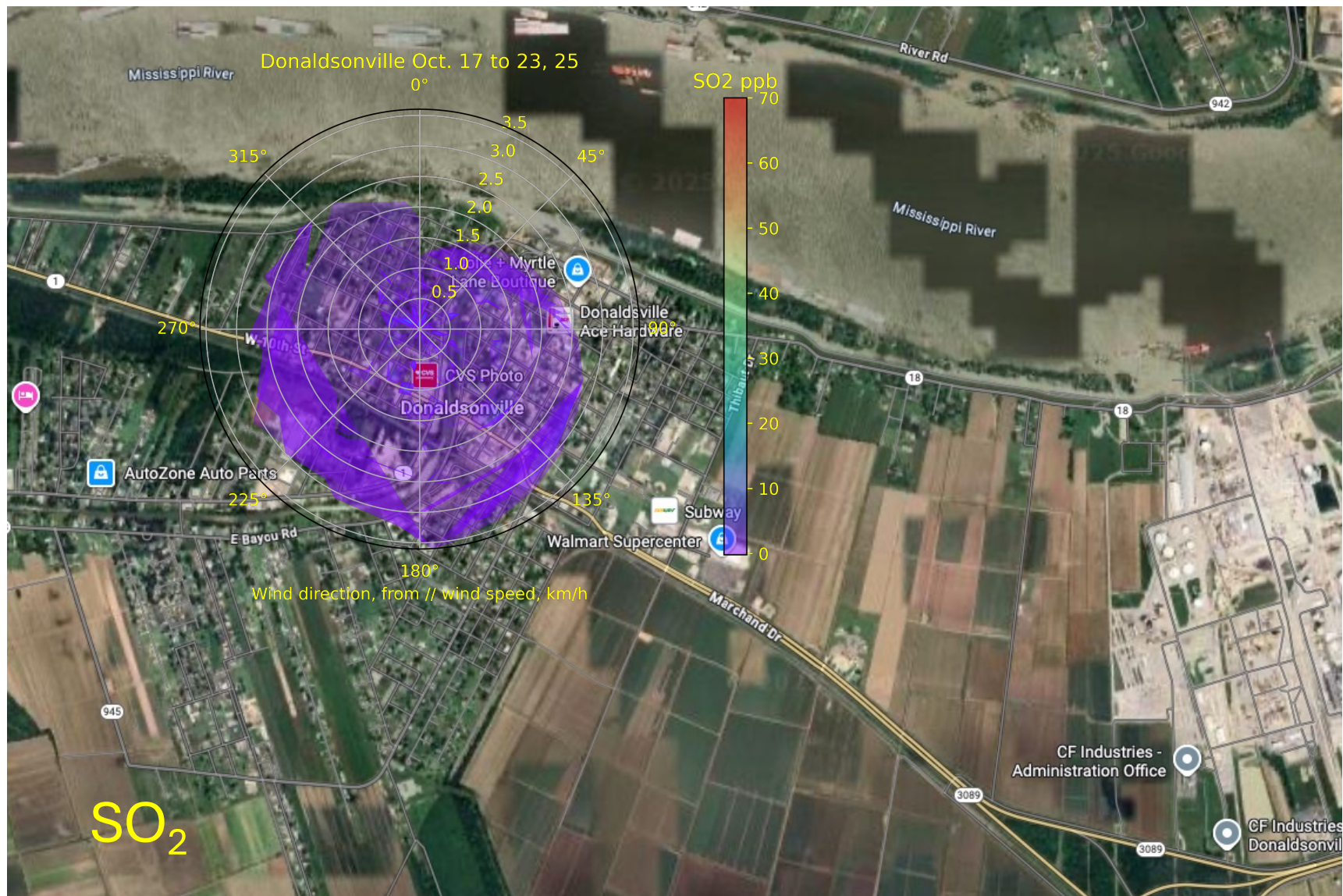


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM10 4 to 8	14.3	13.3	8.5	17.3	6.2	36.9	108
PM10 8 to 11	11.1	9.4	7.8	12.1	6.3	31.7	84
PM10 11 to 16	11.8	9.1	7.6	13.1	6.1	54.5	140
PM10 16 to 19	10.9	8.8	7.7	10.3	5.3	28.3	84
PM10 19 to 4	10.7	9.6	7.9	11.6	5.5	27.5	252

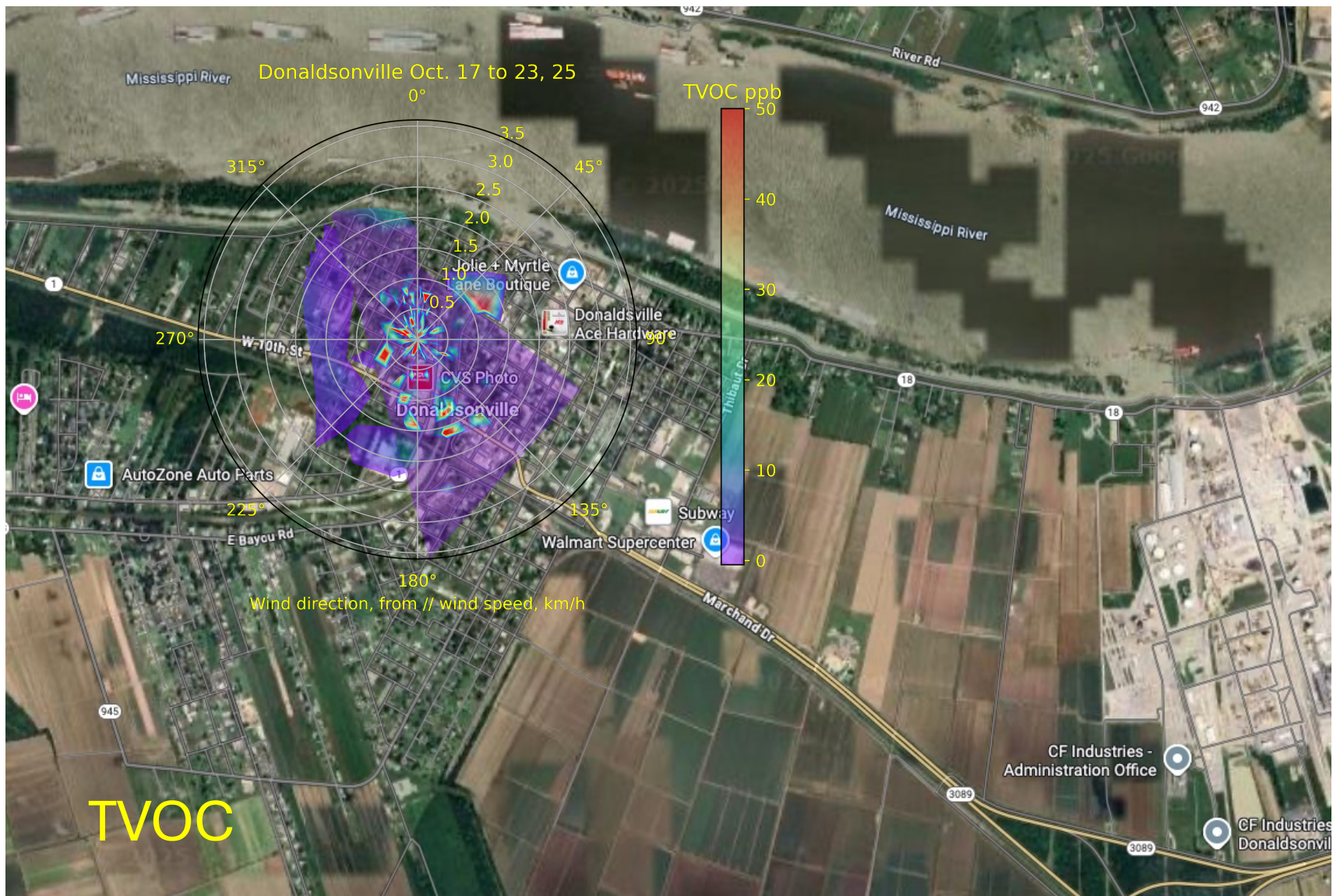
PM₁ data is not referenced and calibrated against regulatory monitor

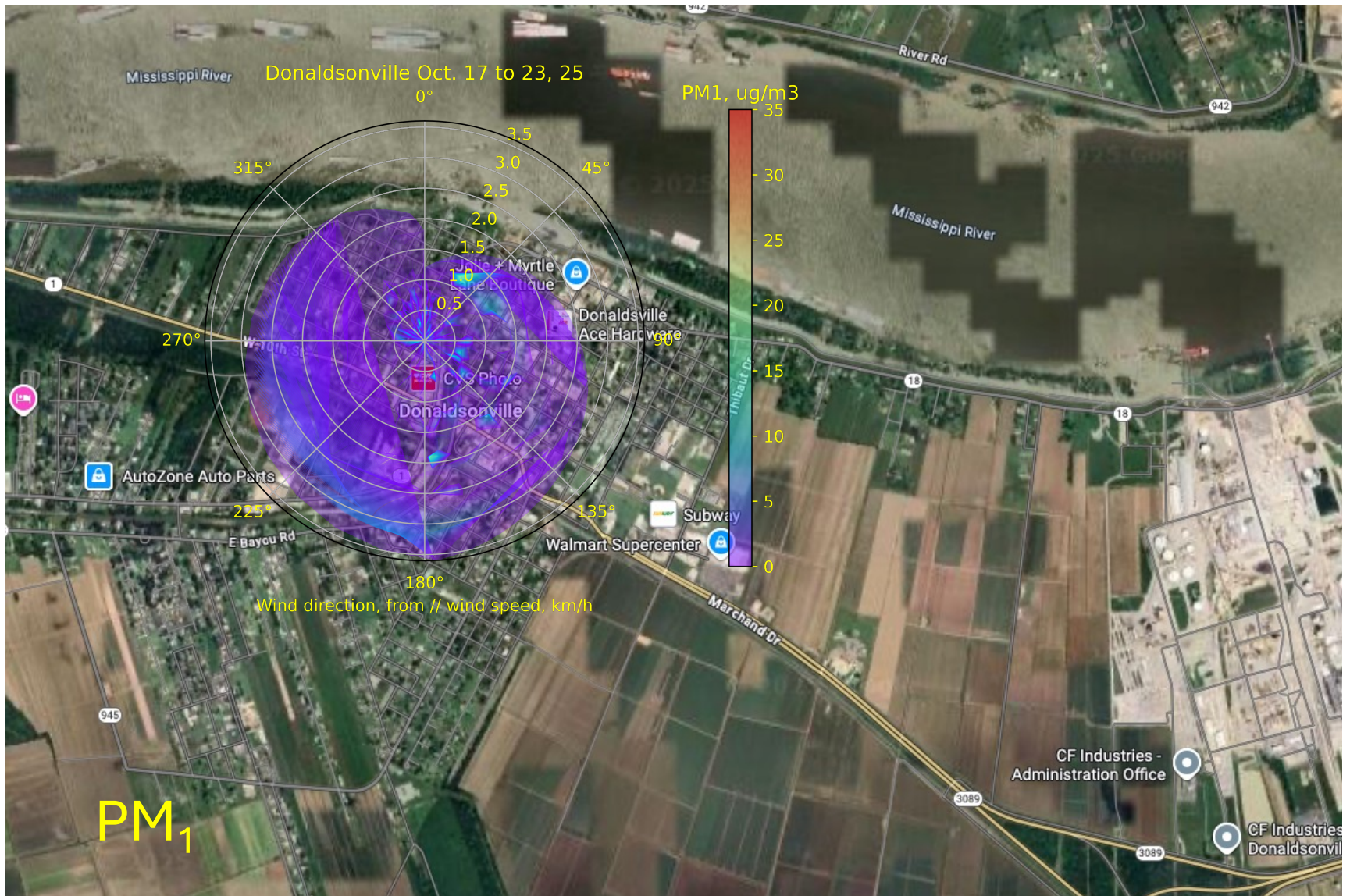


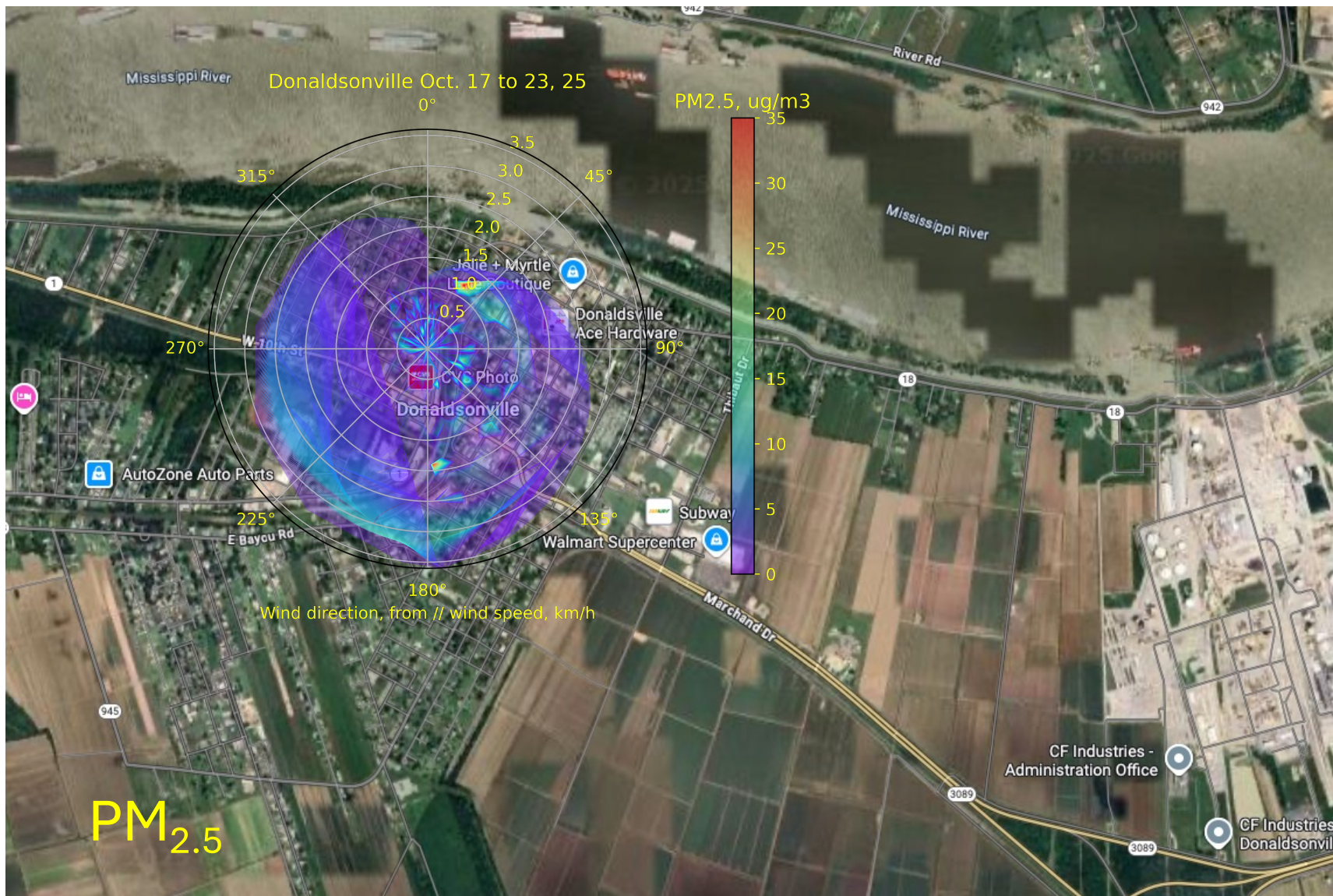


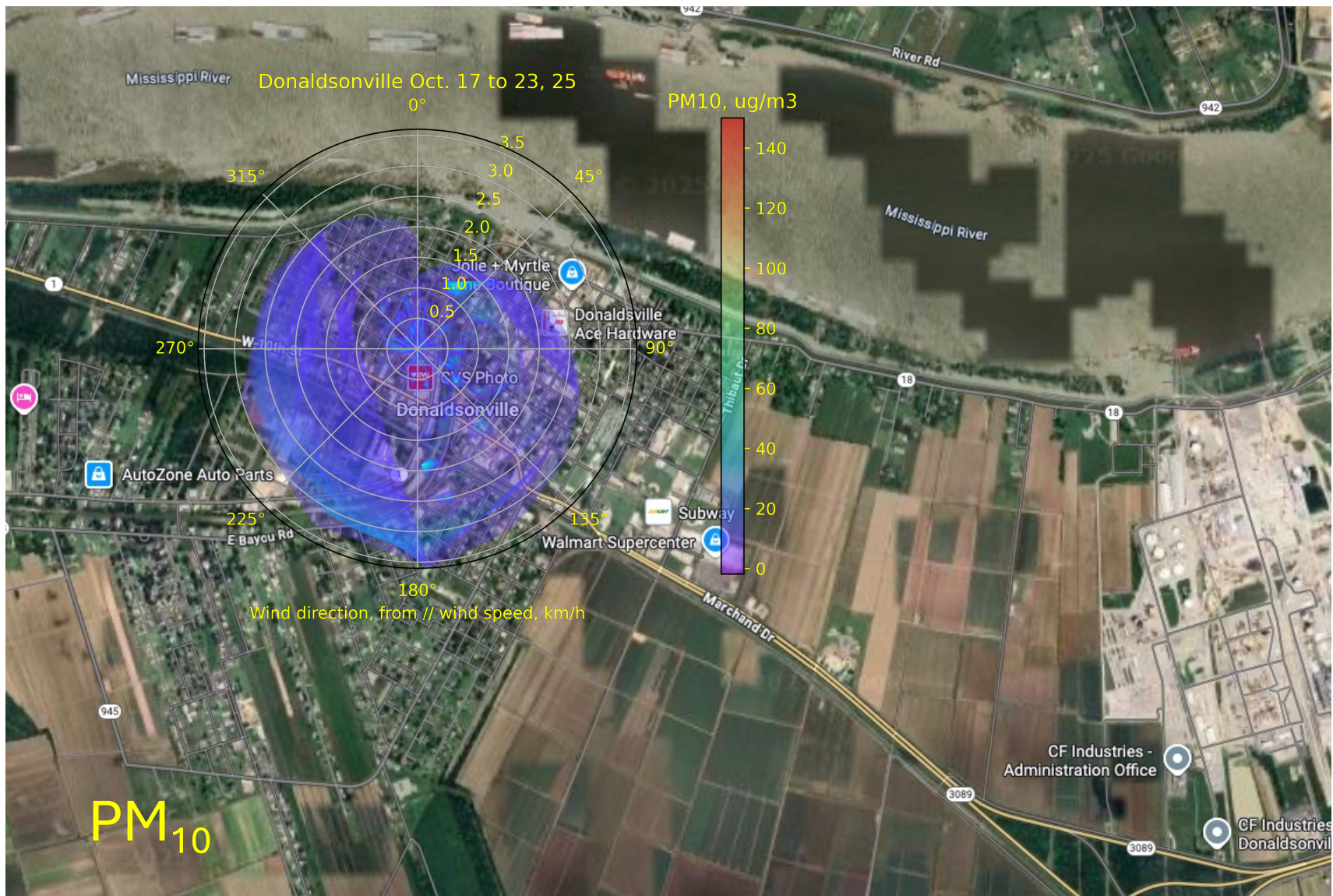












Donaldsonville POD 10/17- 10/23

- Major concern is due to high TVOC levels for extended periods of time
Some of it is of local origin but also associated with wind either from North and South-East.
- Some combustion driven pollutants from North.
- PM_{2.5} occasionally from North

