

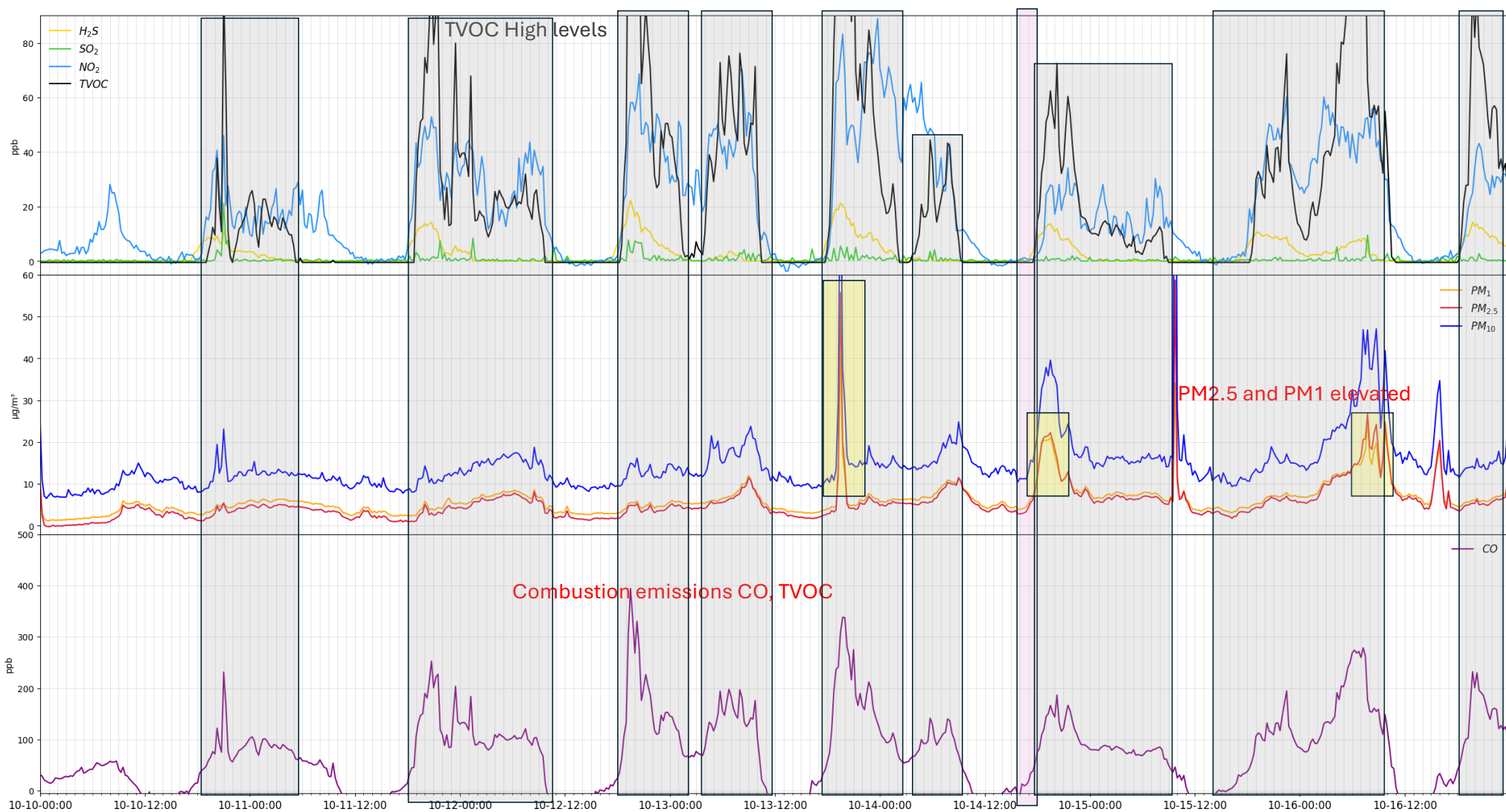
Donaldsonville POD

October 10 - 16, 2025

Disclaimer

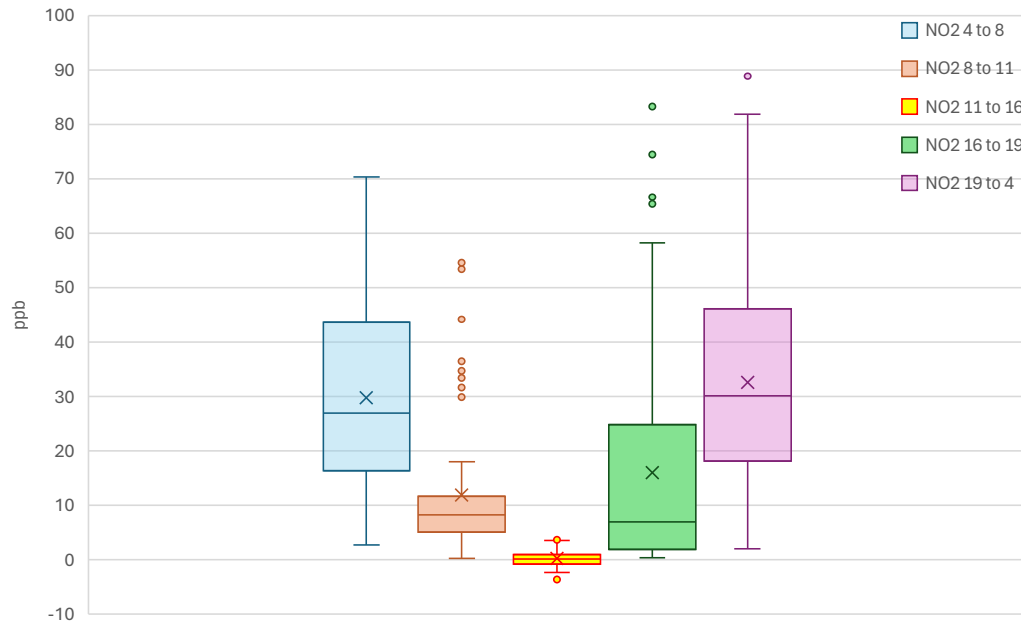
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



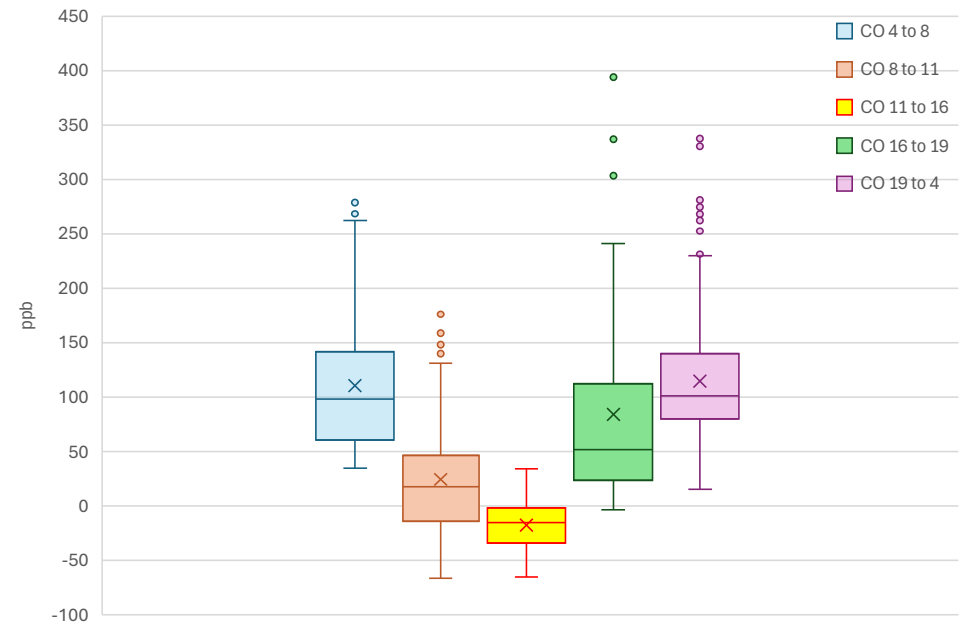
Hourly concentration distribution

NO2 hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO2 4 to 8	29.7	27.0	16.2	43.7	2.8	70.3	112
NO2 8 to 11	11.9	8.2	5.1	11.6	0.3	54.5	84
NO2 11 to 16	0.2	0.1	-0.8	1.0	-3.6	4.1	140
NO2 16 to 19	16.0	7.0	1.8	24.8	0.3	83.2	84
NO2 19 to 4	32.5	30.1	18.1	46.2	2.1	88.8	252

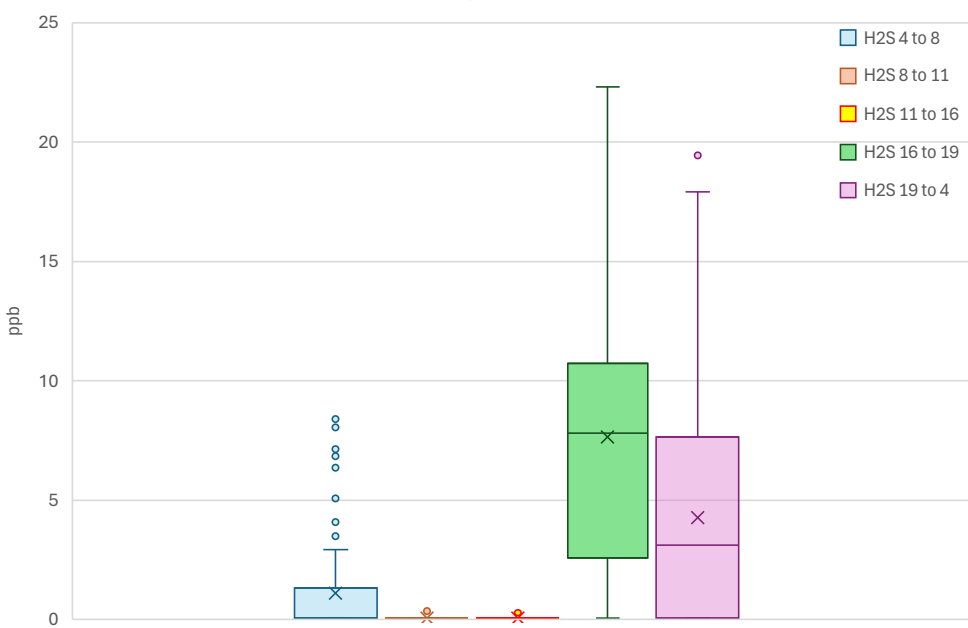
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	110.6	97.9	60.4	141.5	34.7	278.5	112
CO 8 to 11	24.4	17.7	-14.0	46.3	-66.7	176.0	84
CO 11 to 16	-17.6	-15.5	-34.4	-1.8	-65.6	33.9	140
CO 16 to 19	84.0	51.5	23.2	112.0	-3.8	394.1	84
CO 19 to 4	114.5	100.9	79.8	142.4	14.9	337.4	252

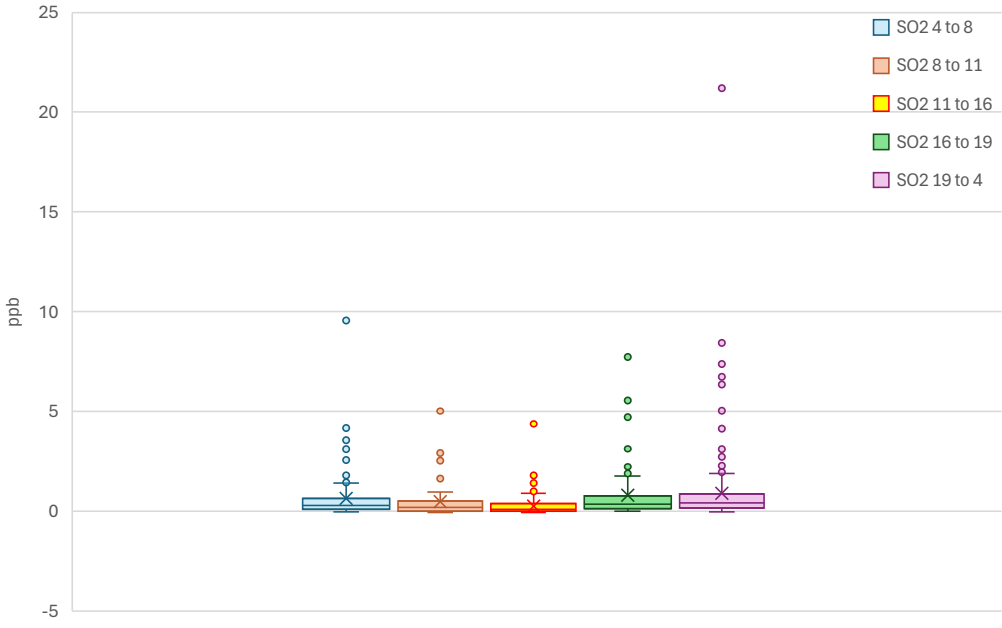
Hourly concentration distribution

H2S hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H2S 4 to 8	1.1	0.1	0.1	1.8	0.0	8.4	112
H2S 8 to 11	0.1	0.1	0.1	0.1	0.1	0.4	84
H2S 11 to 16	0.1	0.1	0.1	0.1	0.1	0.3	140
H2S 16 to 19	7.7	7.8	2.4	10.8	0.1	22.3	84
H2S 19 to 4	4.3	3.1	0.1	7.7	0.1	19.5	252

SO2 hourly distribution

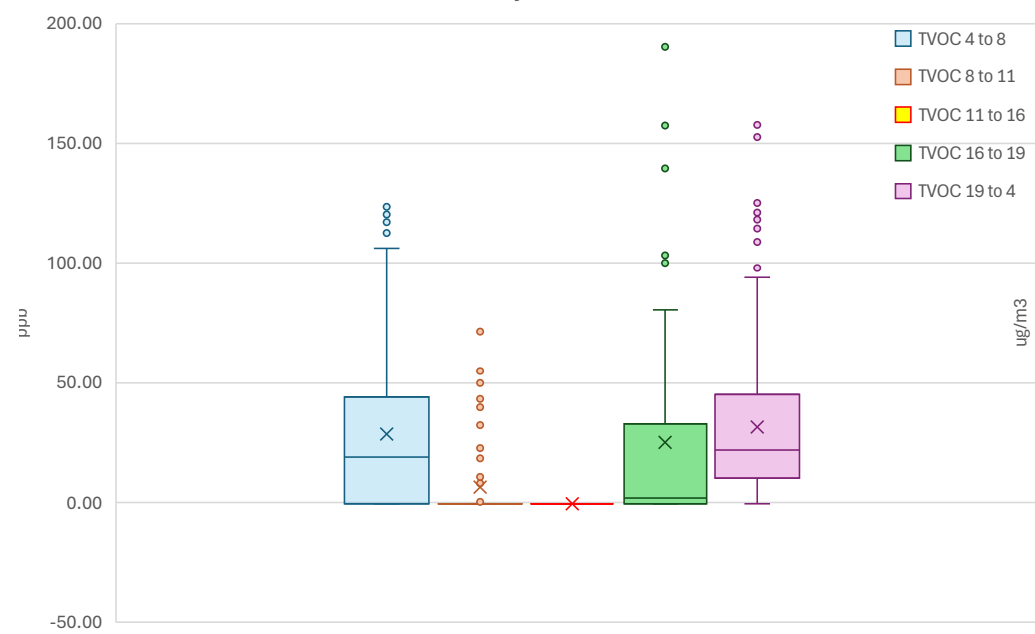


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO2 4 to 8	0.6	0.3	0.1	0.6	0.0	9.6	112
SO2 8 to 11	0.5	0.2	0.0	0.5	-0.1	5.0	84
SO2 11 to 16	0.3	0.1	0.0	0.4	-0.1	4.4	140
SO2 16 to 19	0.8	0.3	0.1	0.8	0.0	7.7	84
SO2 19 to 4	0.9	0.4	0.2	0.9	0.0	21.2	252

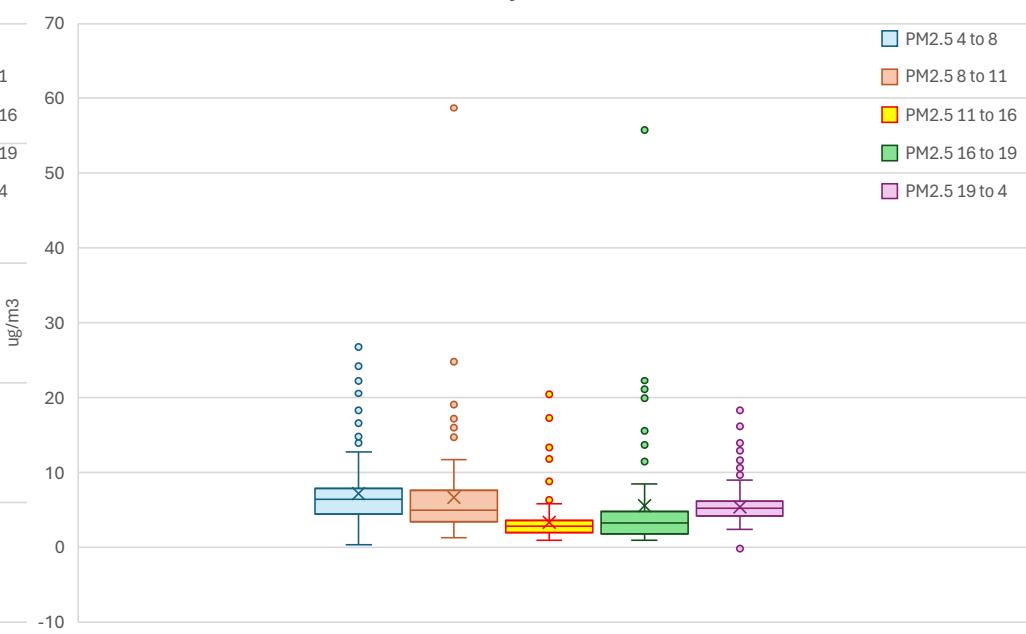
H₂S data is not referenced and calibrated against regulatory monitor

Hourly concentration distribution

TVOC hourly distribution



PM2.5 hourly distribution

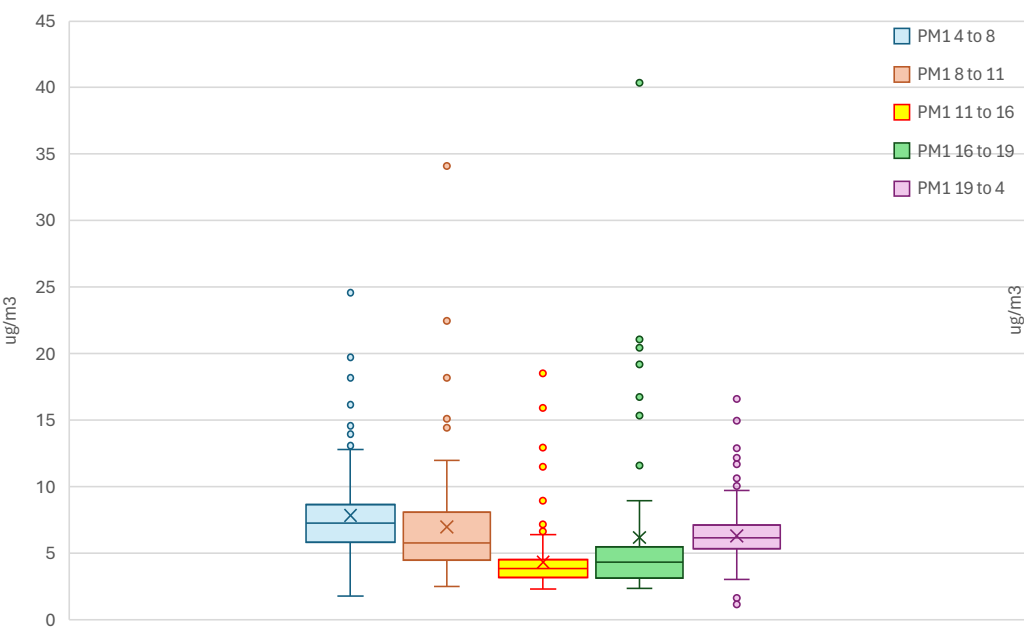


ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	28.7	19.0	-0.5	44.3	-0.5	123.5	112
TVOC 8 to 11	6.3	-0.5	-0.5	-0.5	-0.5	71.3	84
TVOC 11 to 16	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	140
TVOC 16 to 19	25.0	1.9	-0.5	32.8	-0.5	190.1	84
TVOC 19 to 4	31.5	21.9	10.1	45.2	-0.5	157.6	252

ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM2.5 4 to 8	7.2	6.4	4.4	8.0	0.4	26.8	112
PM2.5 8 to 11	6.7	5.0	3.4	7.6	1.3	58.7	84
PM2.5 11 to 16	3.4	2.8	2.0	3.6	1.0	20.4	140
PM2.5 16 to 19	5.6	3.3	1.8	4.8	0.9	55.8	84
PM2.5 19 to 4	5.4	5.2	4.2	6.2	-0.2	18.3	252

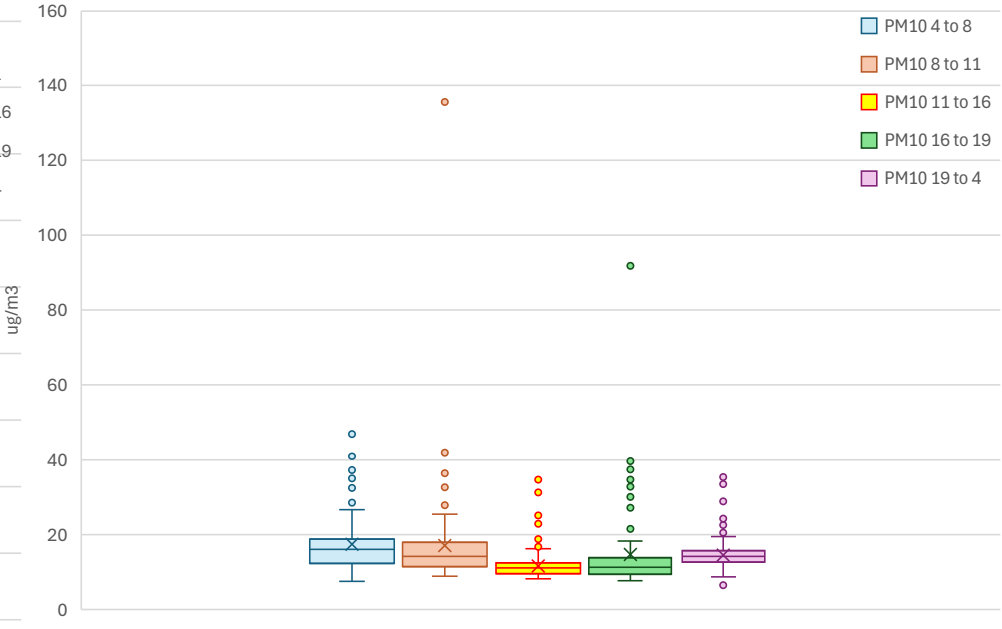
Hourly concentration distribution

PM1 hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM1 4 to 8	7.8	7.3	5.8	8.6	1.8	24.6	112
PM1 8 to 11	7.0	5.8	4.5	8.1	2.5	34.1	84
PM1 11 to 16	4.3	3.8	3.2	4.5	2.3	18.5	140
PM1 16 to 19	6.2	4.3	3.1	5.5	2.4	40.4	84
PM1 19 to 4	6.3	6.1	5.3	7.1	1.2	16.6	252

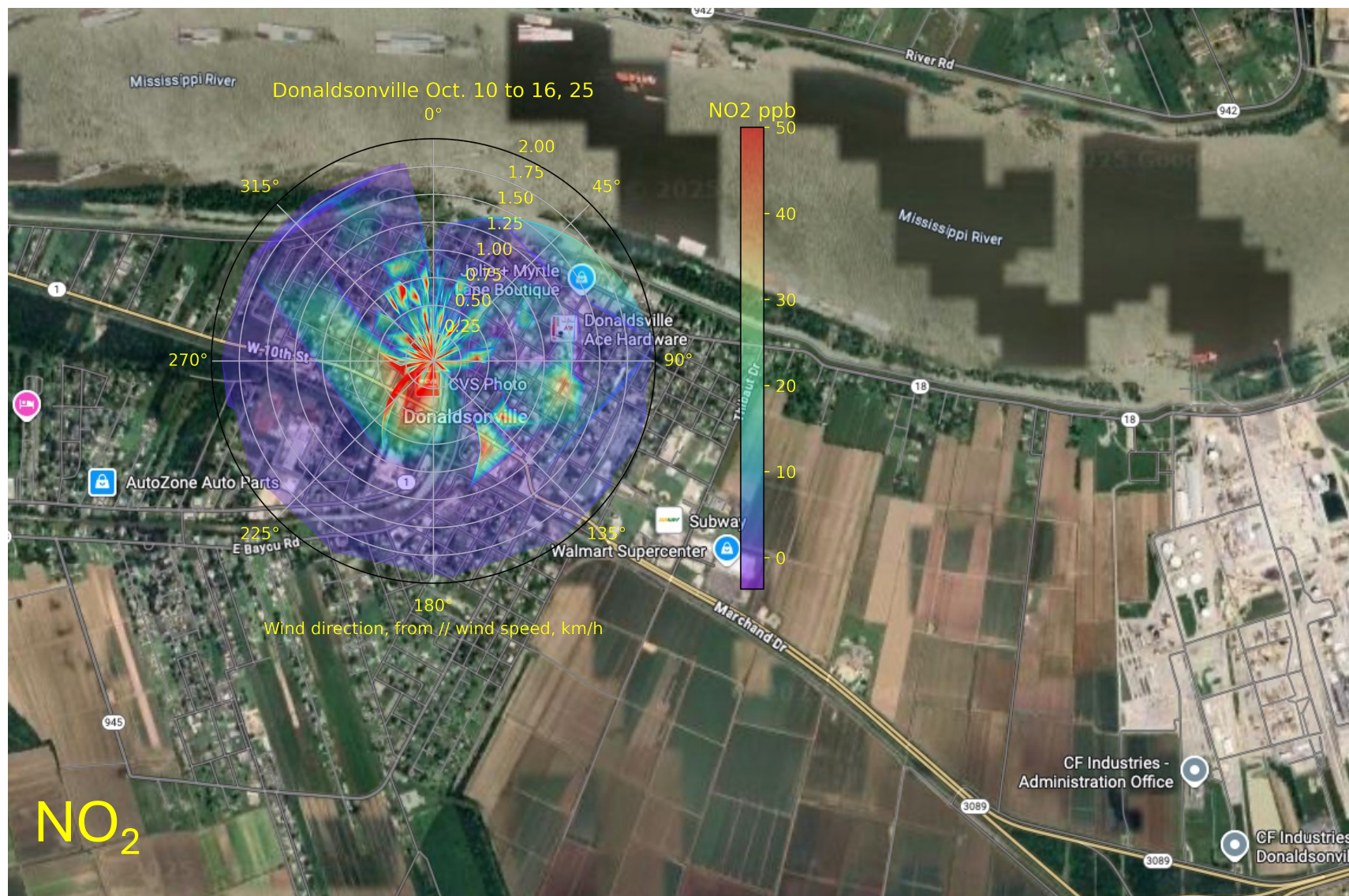
PM10 hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM10 4 to 8	17.5	16.1	12.3	18.8	7.5	47.1	112
PM10 8 to 11	17.1	14.2	11.5	17.9	8.8	135.7	84
PM10 11 to 16	11.7	11.0	9.6	12.5	8.1	34.7	140
PM10 16 to 19	14.8	11.2	9.4	13.8	7.8	91.8	84
PM10 19 to 4	14.5	14.2	12.6	15.8	6.5	35.4	252

PM₁ data is not referenced and calibrated against regulatory monitor

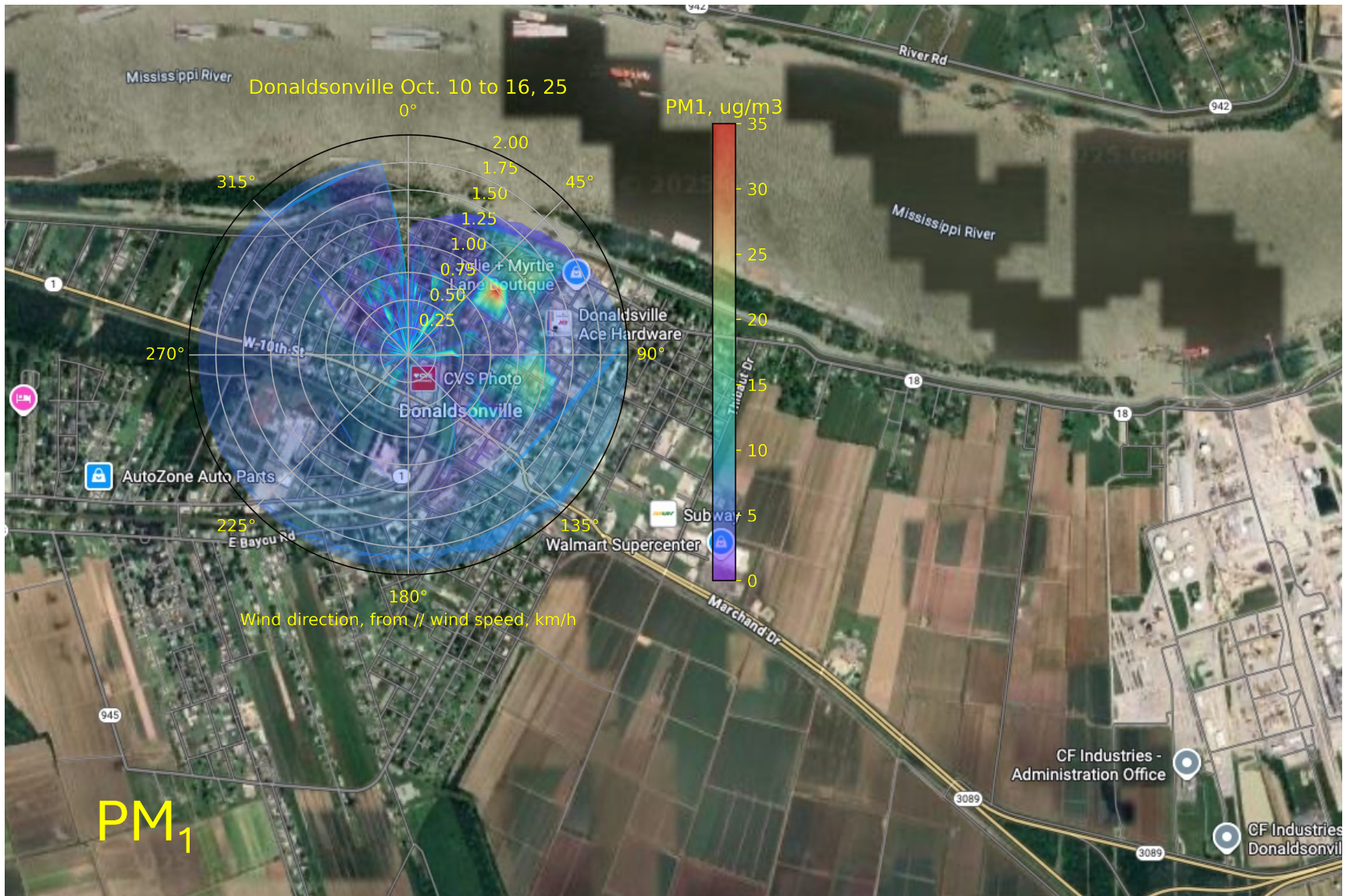


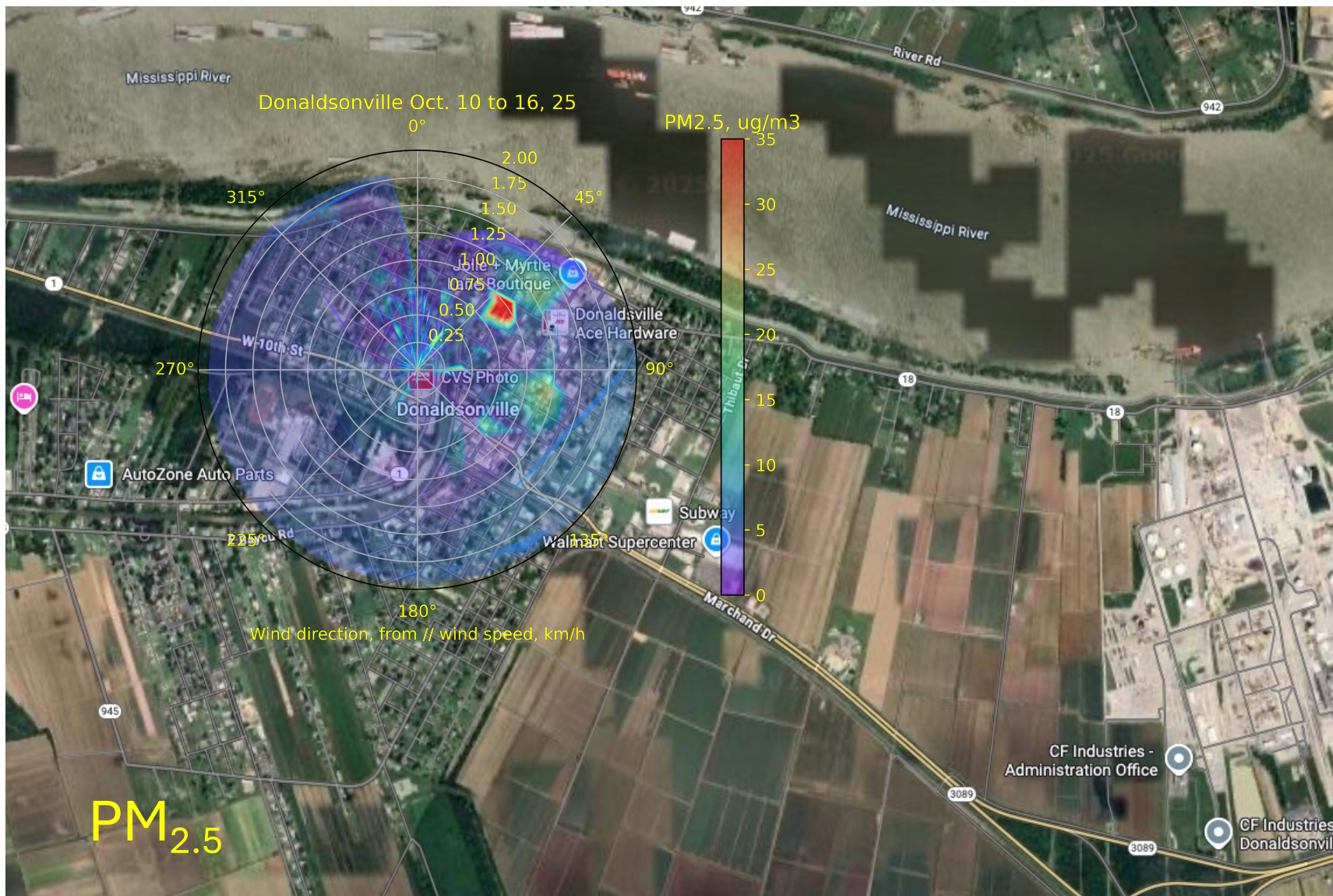














Donaldsonville POD 10/10- 10/16

- Major concern is due to high TVOC levels for extended periods of time between evening hours and morning hours. Directional Source from South-South-West.
- Smaller TVOC sources from South-East and East
- PM_{2.5} occasionally from North-East

