

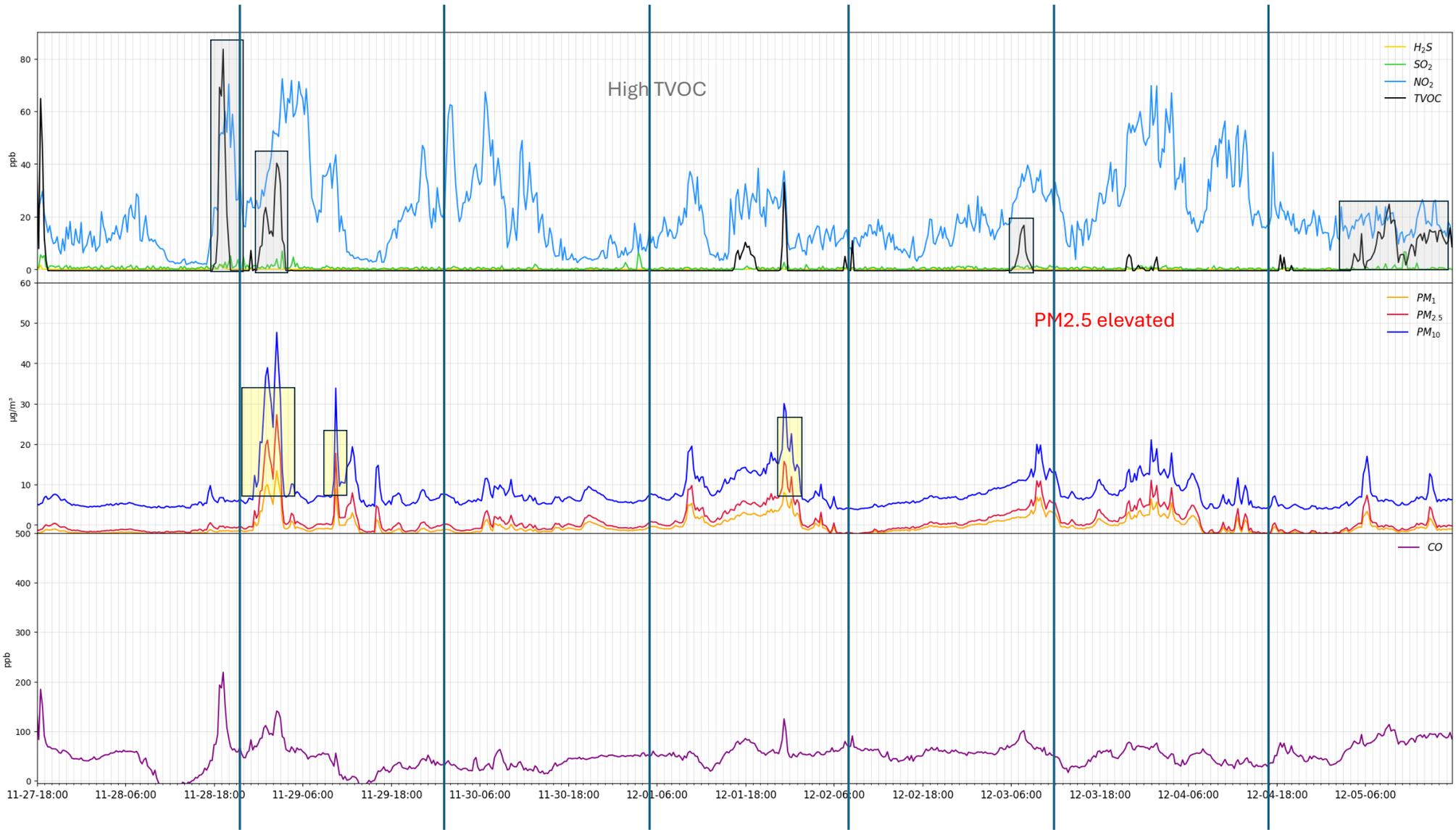
Donaldsonville POD

November 27 – December 5, 2025

Disclaimer

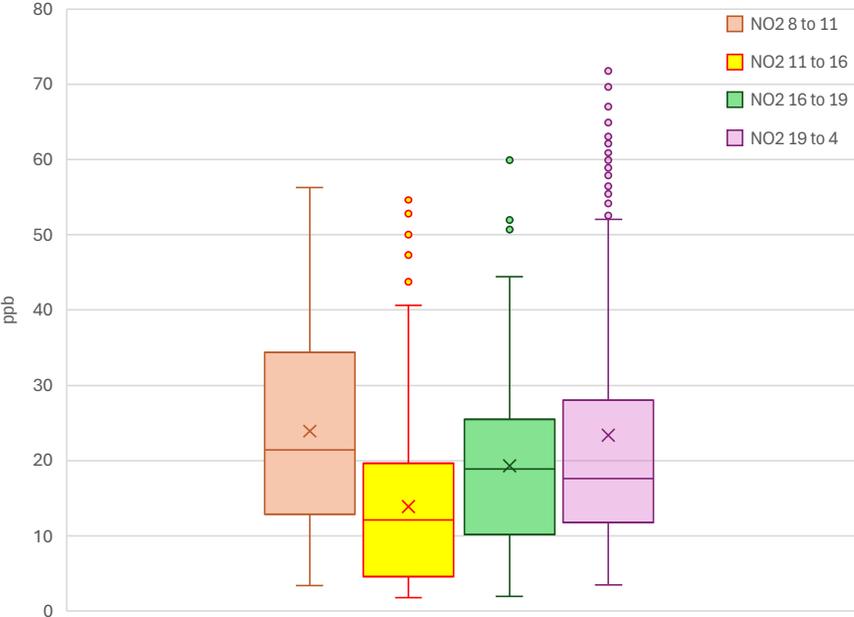
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



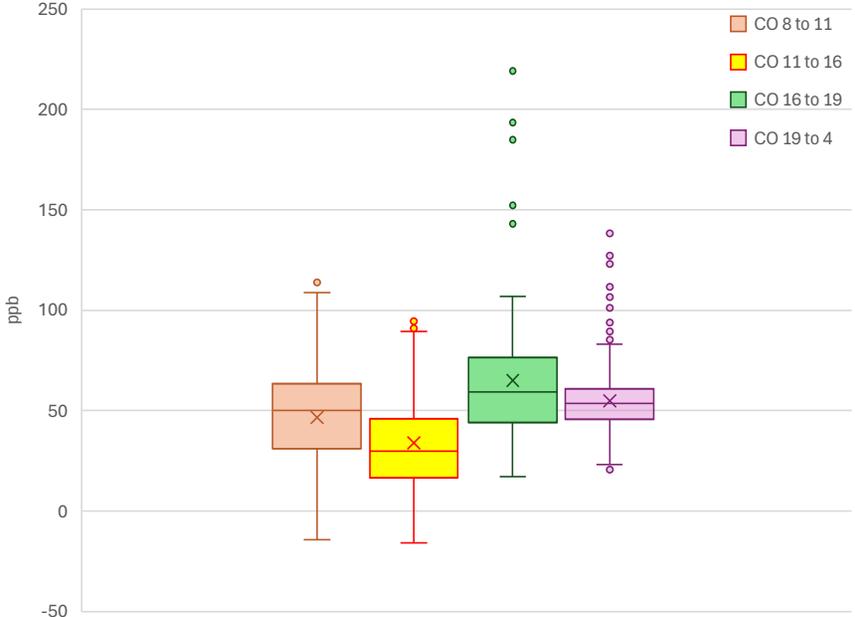
Hourly concentration distribution

NO2 hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO2 4 to 8	21.2	17.4	11.0	27.3	1.8	72.3	768
NO2 8 to 11	23.9	21.4	12.8	34.3	3.4	56.3	96
NO2 11 to 16	13.9	12.1	4.6	19.6	1.8	54.6	160
NO2 16 to 19	19.3	18.9	10.2	25.5	1.9	59.9	96
NO2 19 to 4	23.3	17.6	11.7	28.3	3.5	72.3	288

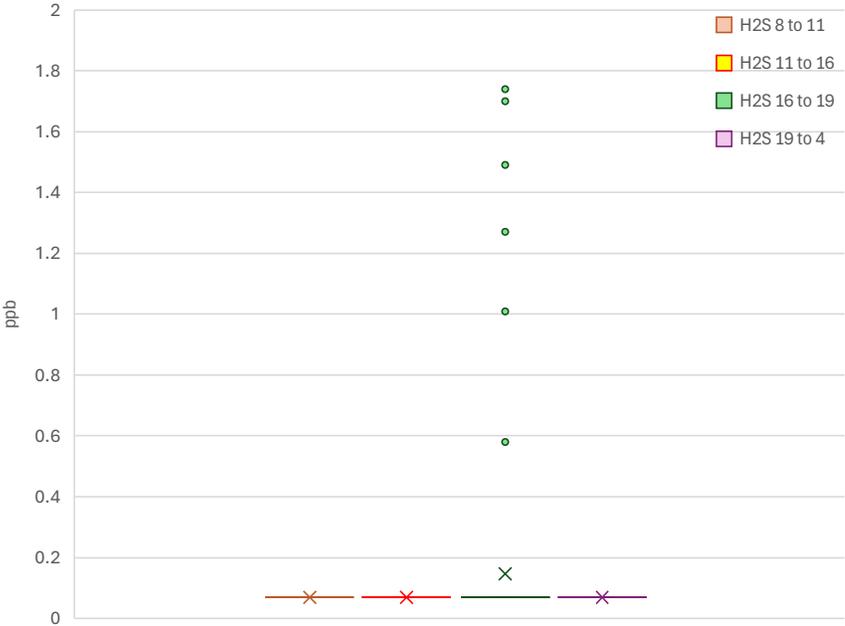
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	51.5	51.6	36.4	62.7	-15.8	219.1	768
CO 8 to 11	46.5	50.0	31.2	63.4	-14.4	113.7	96
CO 11 to 16	33.8	29.8	16.4	46.0	-15.8	95.7	160
CO 16 to 19	65.1	59.3	44.1	76.4	17.1	219.1	96
CO 19 to 4	54.9	53.4	45.4	60.9	20.6	141.0	288

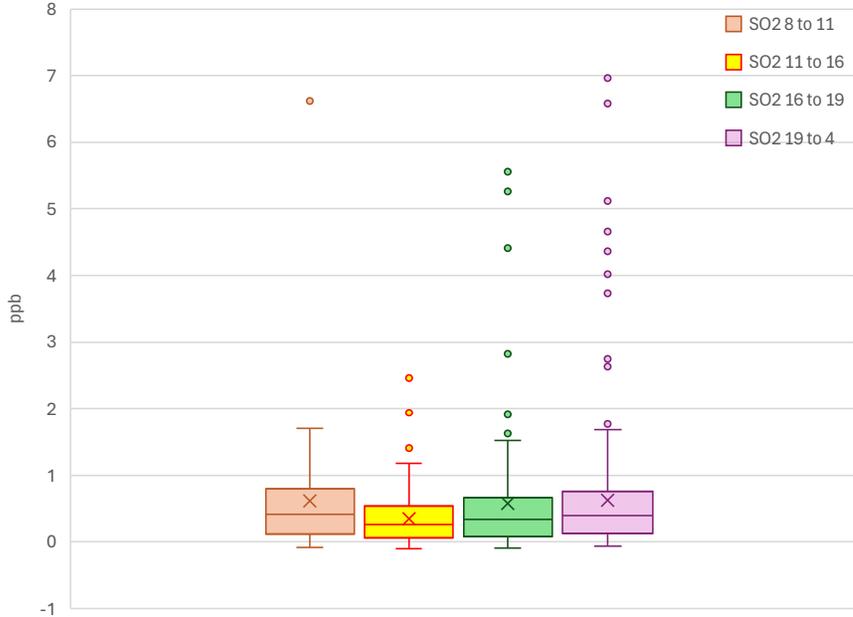
Hourly concentration distribution

H2S hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H2S4 to 8	0.1	0.1	0.1	0.1	0.1	1.7	768
H2S8 to 11	0.1	0.1	0.1	0.1	0.1	0.1	96
H2S11 to 16	0.1	0.1	0.1	0.1	0.1	0.1	160
H2S16 to 19	0.1	0.1	0.1	0.1	0.1	1.7	96
H2S19 to 4	0.1	0.1	0.1	0.1	0.1	0.1	288

SO2 hourly distribution

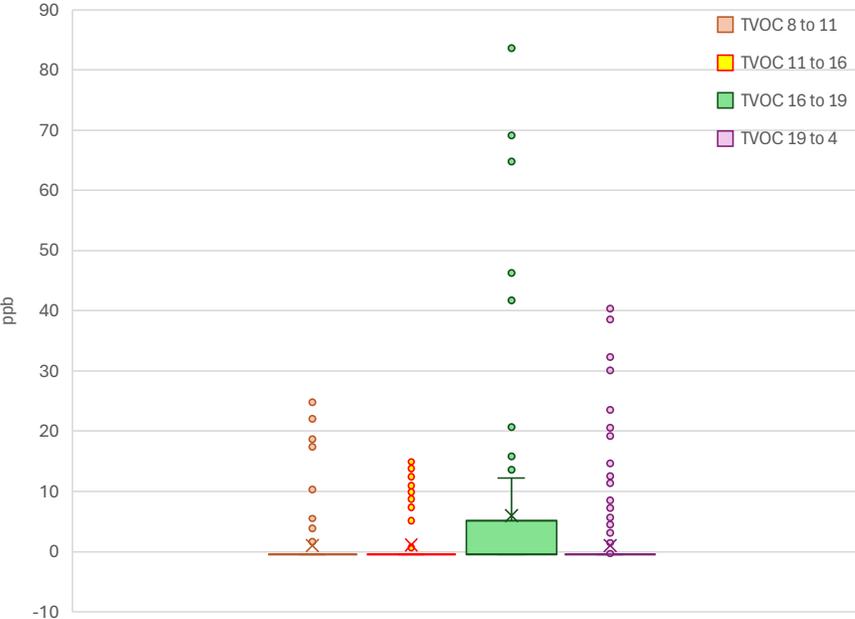


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO24 to 8	0.5	0.3	0.1	0.7	-0.1	7.0	767
SO28 to 11	0.6	0.4	0.1	0.8	-0.1	6.7	95
SO211 to 16	0.3	0.3	0.1	0.5	-0.1	2.5	160
SO216 to 19	0.6	0.3	0.1	0.7	-0.1	5.6	96
SO219 to 4	0.6	0.4	0.1	0.8	-0.1	7.0	288

H₂S data is not referenced and calibrated against regulatory monitor

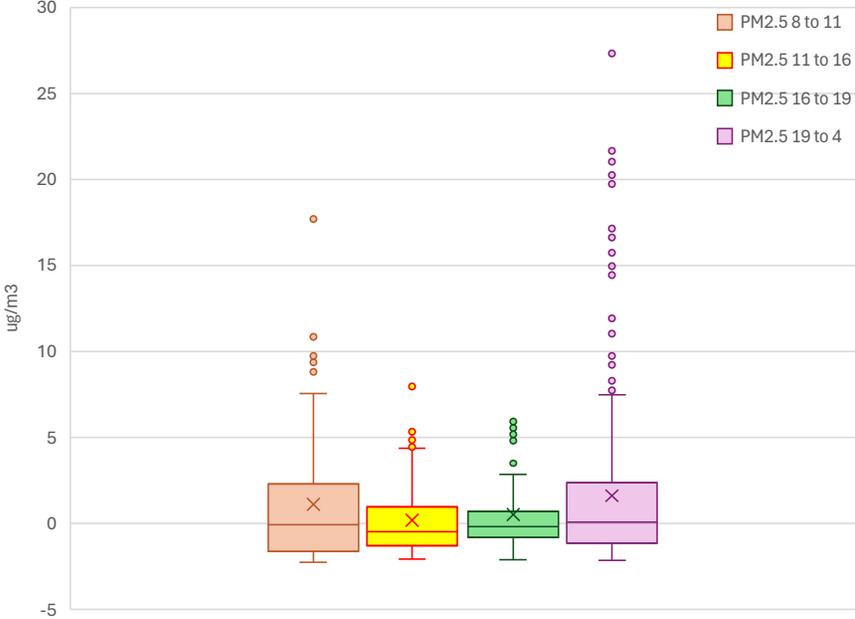
Hourly concentration distribution

TVOC hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	1.7	-0.5	-0.5	-0.5	-0.5	83.6	768
TVOC 8 to 11	1.0	-0.5	-0.5	-0.5	-0.5	24.8	96
TVOC 11 to 16	1.1	-0.5	-0.5	-0.5	-0.5	15.0	160
TVOC 16 to 19	6.0	-0.5	-0.5	5.1	-0.5	83.6	96
TVOC 19 to 4	1.0	-0.5	-0.5	-0.5	-0.5	40.3	288

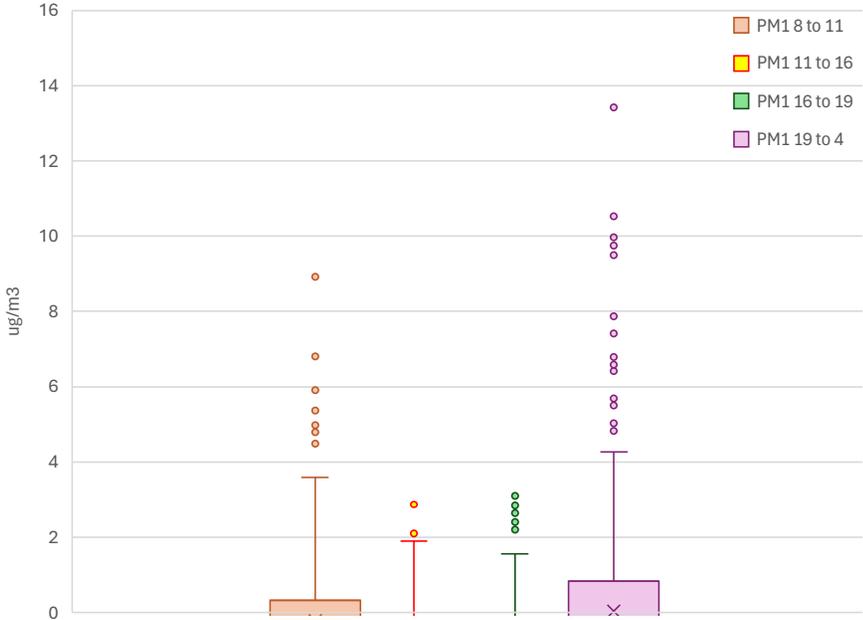
PM2.5 hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM2.5 4 to 8	0.9	-0.1	-1.2	1.8	-2.2	27.3	768
PM2.5 8 to 11	1.1	-0.1	-1.6	2.3	-2.2	17.7	96
PM2.5 11 to 16	0.2	-0.5	-1.3	1.0	-2.1	8.0	160
PM2.5 16 to 19	0.5	-0.2	-0.8	0.7	-2.1	5.9	96
PM2.5 19 to 4	1.6	0.1	-1.2	2.4	-2.2	27.3	288

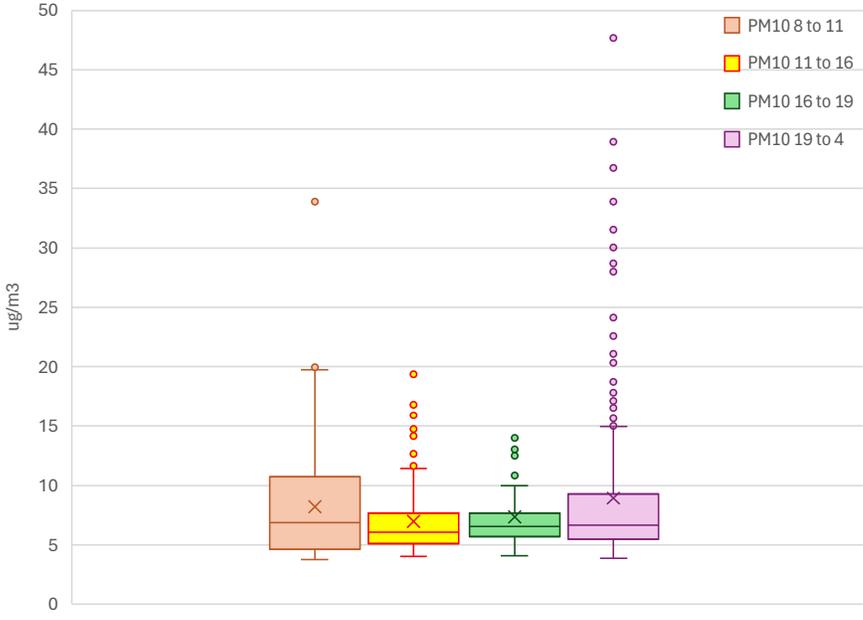
Hourly concentration distribution

PM1 hourly distribution



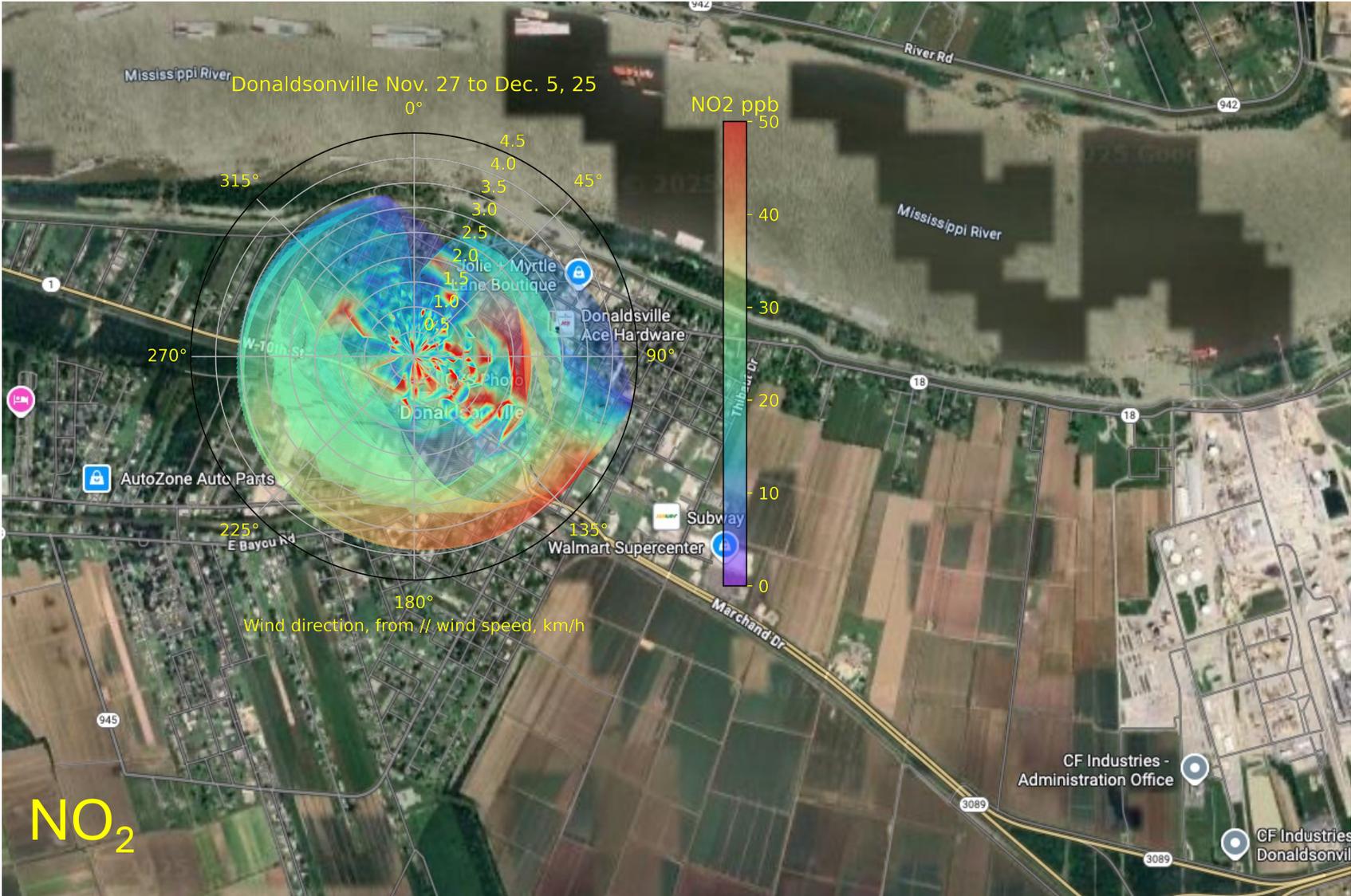
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM1 4 to 8	-0.4	-1.0	-1.8	0.3	-2.4	13.4	768
PM1 8 to 11	-0.2	-1.1	-2.1	0.3	-2.4	8.9	96
PM1 11 to 16	-0.9	-1.2	-1.9	-0.3	-2.4	3.0	160
PM1 16 to 19	-0.6	-1.1	-1.6	-0.2	-2.4	3.1	96
PM1 19 to 4	0.0	-1.0	-1.7	0.8	-2.4	13.4	288

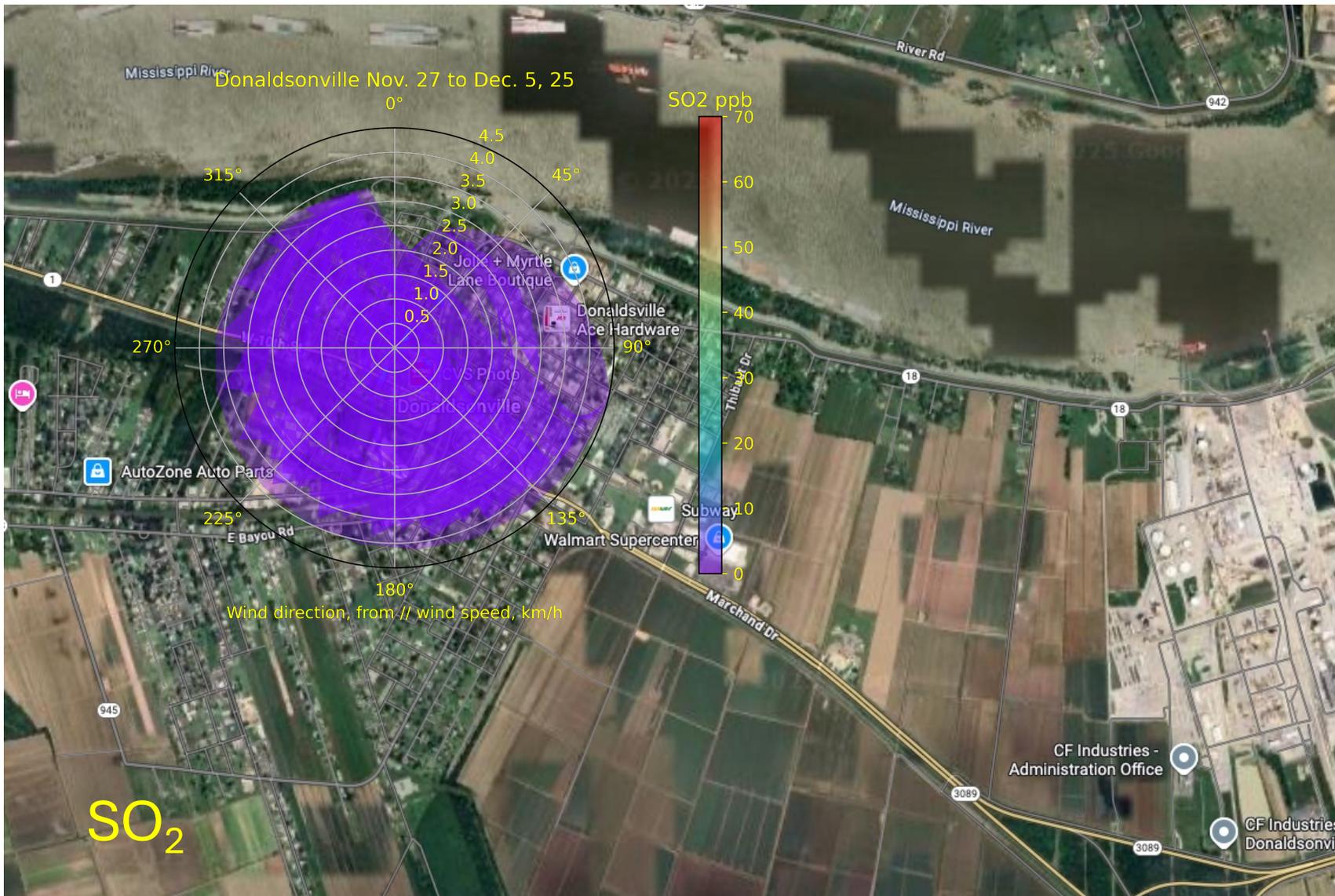
PM10 hourly distribution



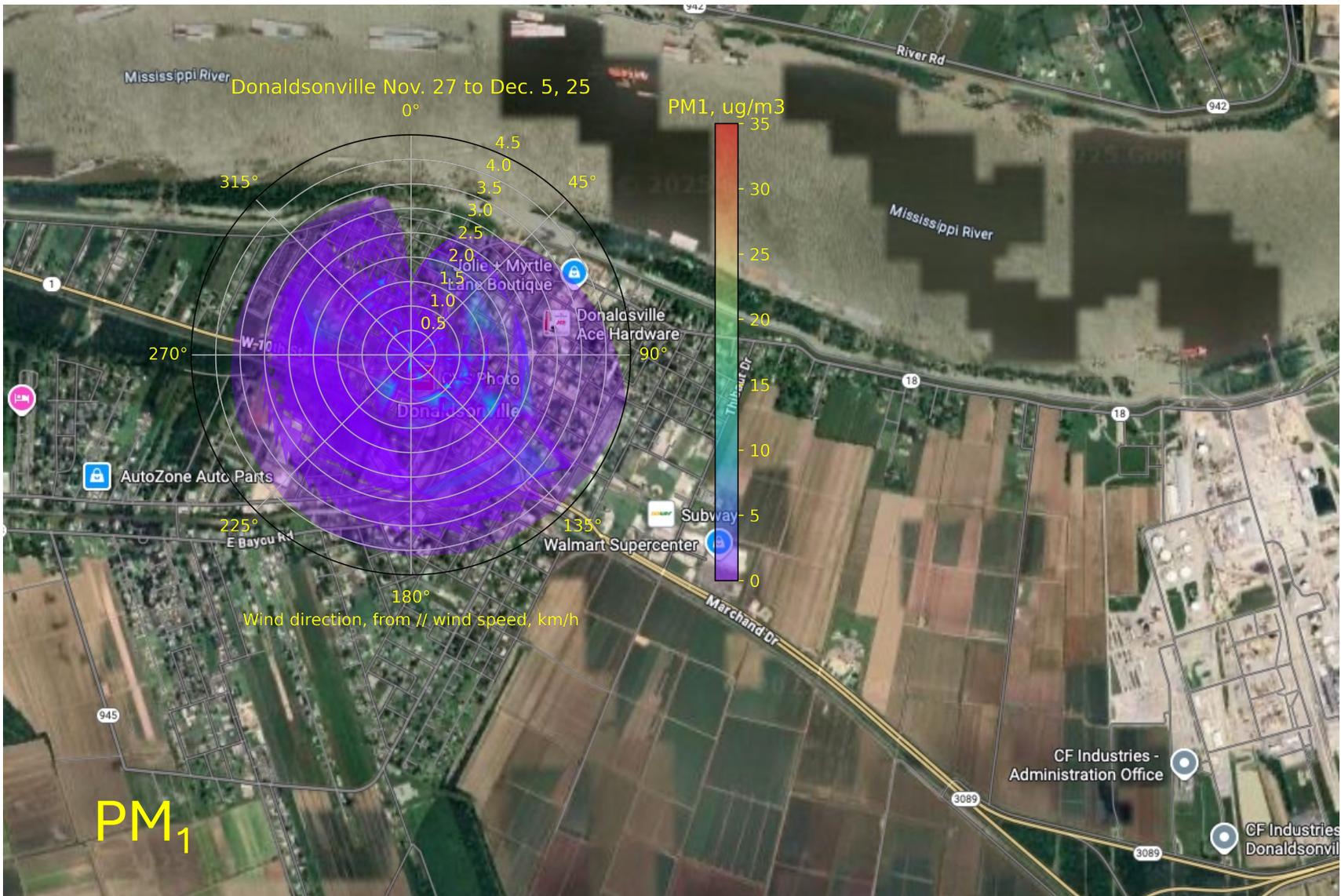
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM10 4 to 8	8.0	6.6	5.3	8.8	3.8	47.7	768
PM10 8 to 11	8.2	6.9	4.6	10.7	3.8	33.9	96
PM10 11 to 16	7.0	6.1	5.1	7.7	4.0	19.4	160
PM10 16 to 19	7.4	6.6	5.7	7.7	4.1	14.3	96
PM10 19 to 4	8.9	6.7	5.5	9.3	3.9	47.7	288

PM₁ data is not referenced and calibrated against regulatory monitor

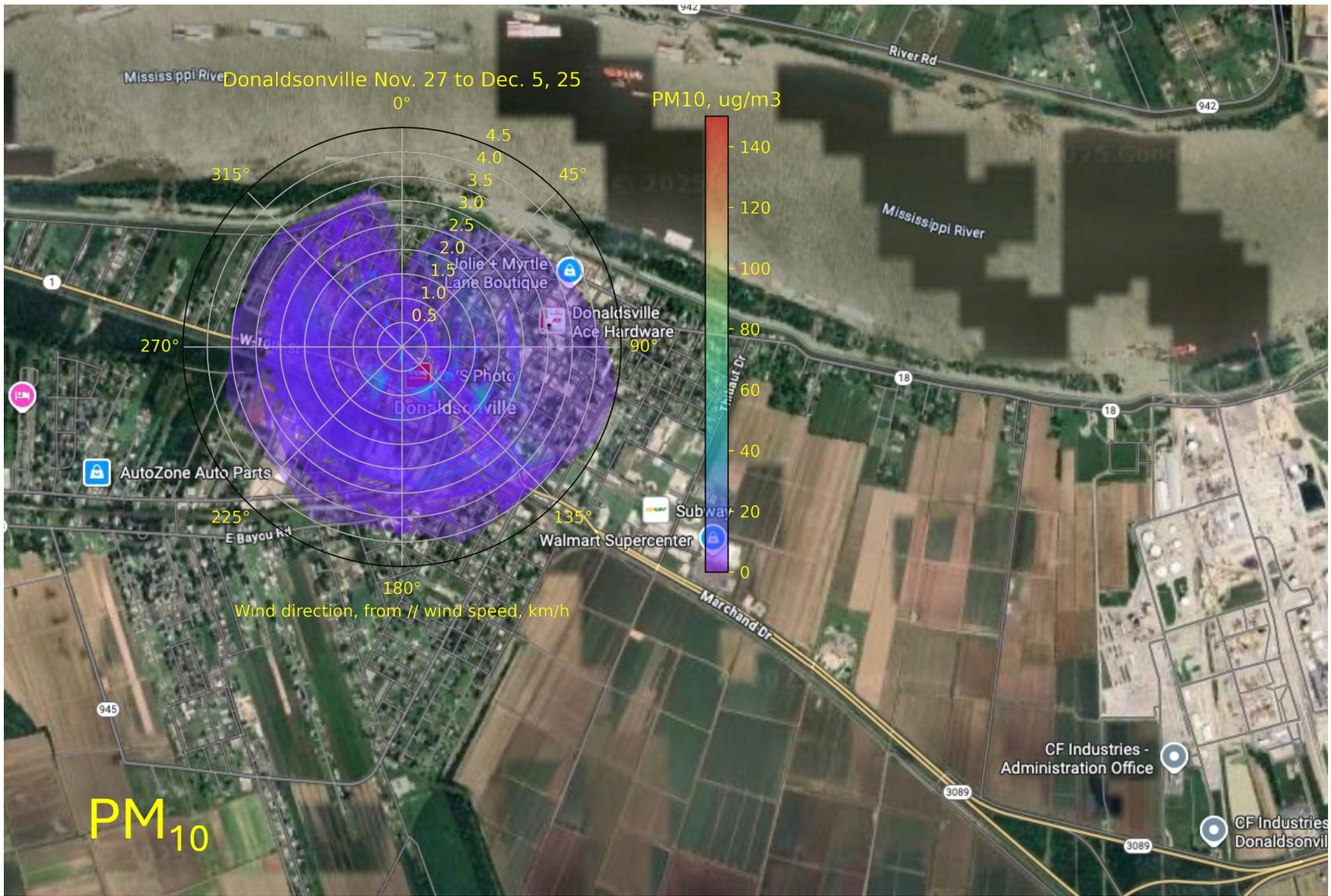












Donaldsonville POD 11/27-12/5



- Moderate levels of pollutants.
- PM2.5 and TVOCs mostly South East, from relatively distant source.
- South-East winds also associated with NO2