

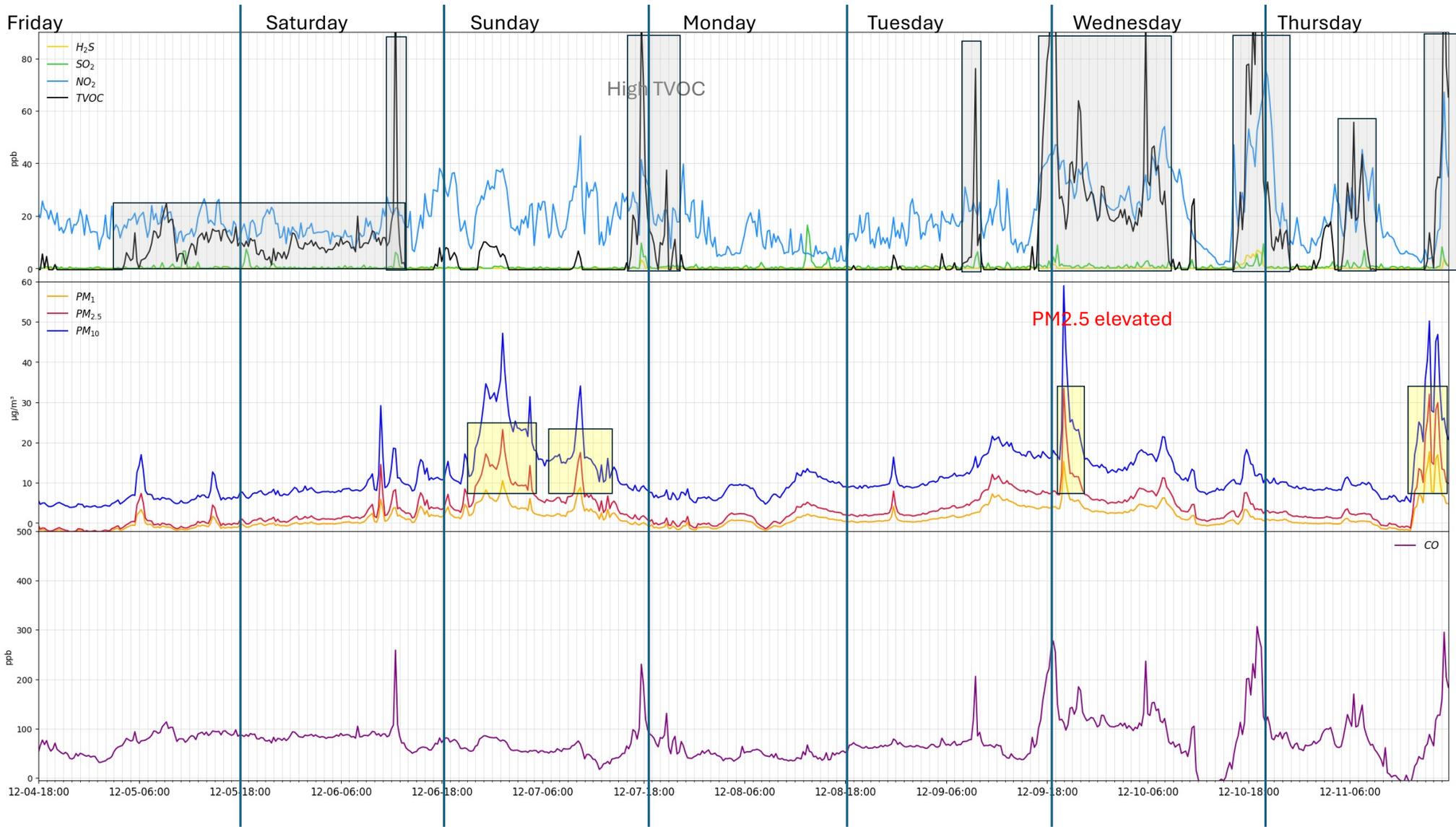
Donaldsonville POD

December 5 – December 11, 2025

Disclaimer

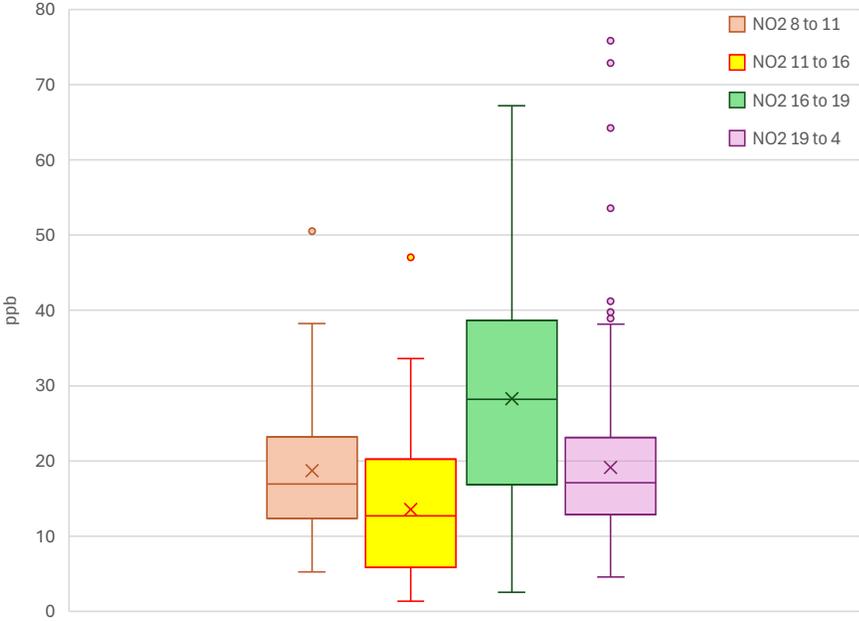
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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

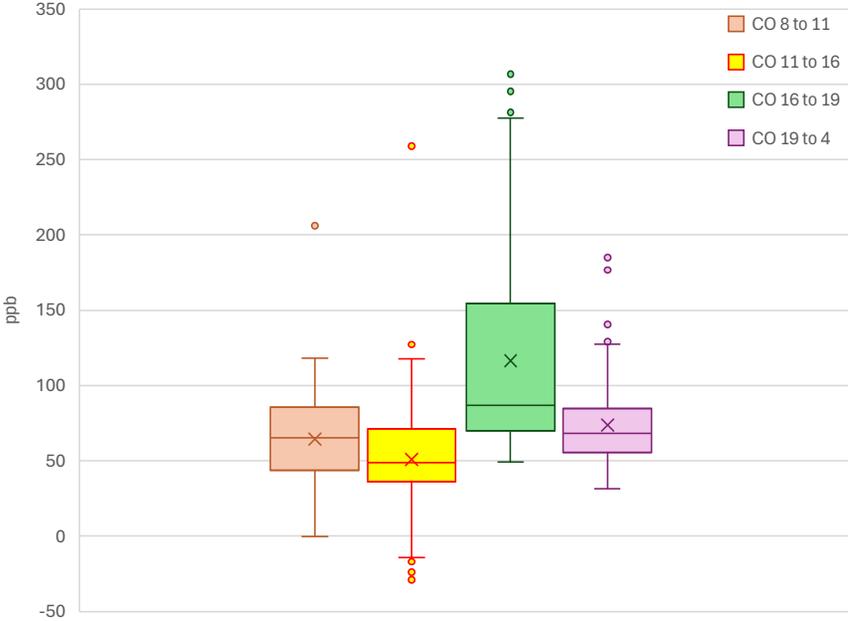


Hourly concentration distribution

NO2 hourly distribution



CO hourly distribution

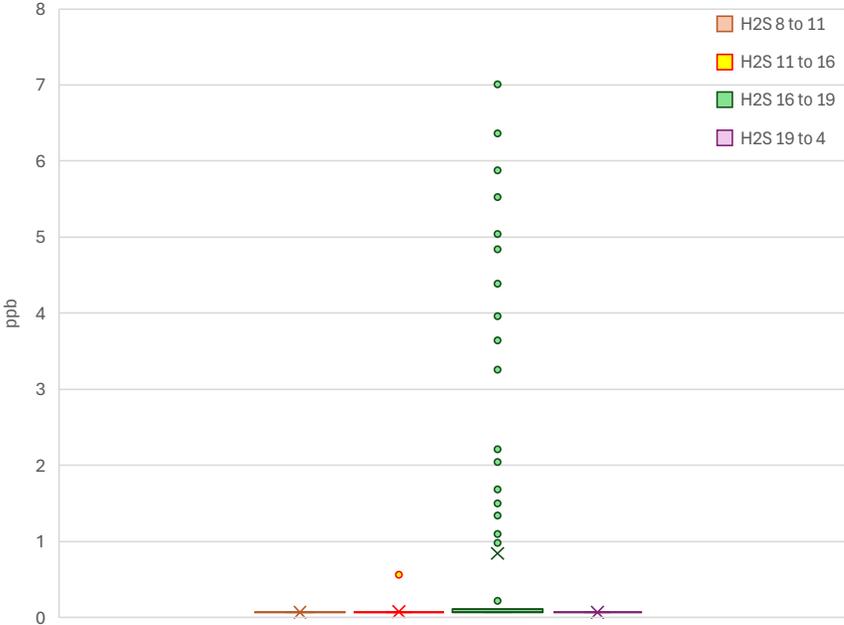


ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO24 to 8	19.3	17.2	12.1	24.3	1.4	75.9	672
NO28 to 11	18.7	16.9	12.4	23.2	5.3	50.5	84
NO211 to 16	13.5	12.7	5.8	20.2	1.4	47.1	140
NO216 to 19	28.3	28.2	16.8	38.7	2.6	67.2	84
NO219 to 4	19.1	17.1	12.9	23.2	4.6	75.9	252

ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO4 to 8	74.5	68.5	52.1	87.4	-29.1	306.9	672
CO8 to 11	64.6	65.4	43.8	85.5	-0.5	205.9	84
CO11 to 16	50.7	48.9	36.1	71.1	-29.1	259.0	140
CO16 to 19	116.5	86.9	70.0	154.3	49.1	306.9	84
CO19 to 4	73.6	68.4	55.6	84.6	31.6	184.7	252

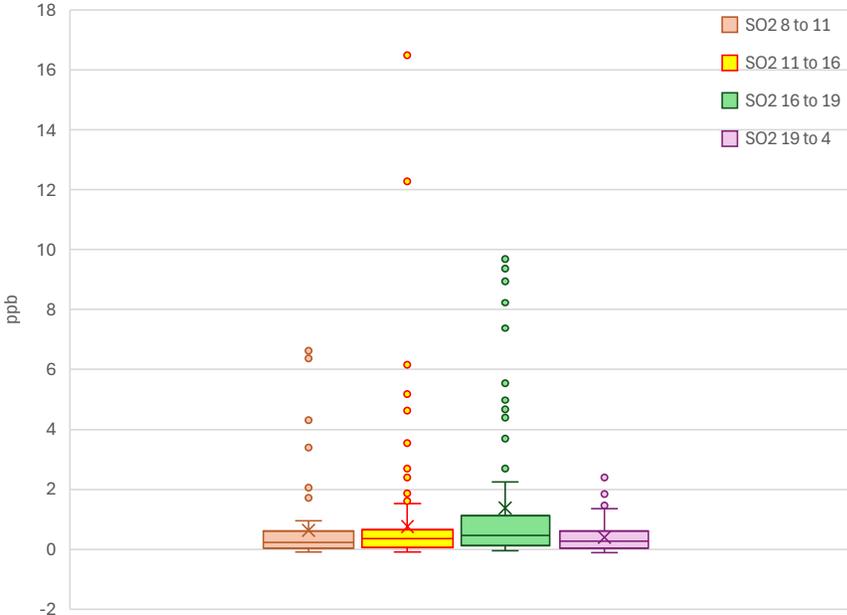
Hourly concentration distribution

H2S hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H2S 4 to 8	0.2	0.1	0.1	0.1	0.1	7.0	672
H2S 8 to 11	0.1	0.1	0.1	0.1	0.1	0.1	84
H2S 11 to 16	0.1	0.1	0.1	0.1	0.1	0.6	140
H2S 16 to 19	0.8	0.1	0.1	0.2	0.1	7.0	84
H2S 19 to 4	0.1	0.1	0.1	0.1	0.1	0.1	252

SO2 hourly distribution

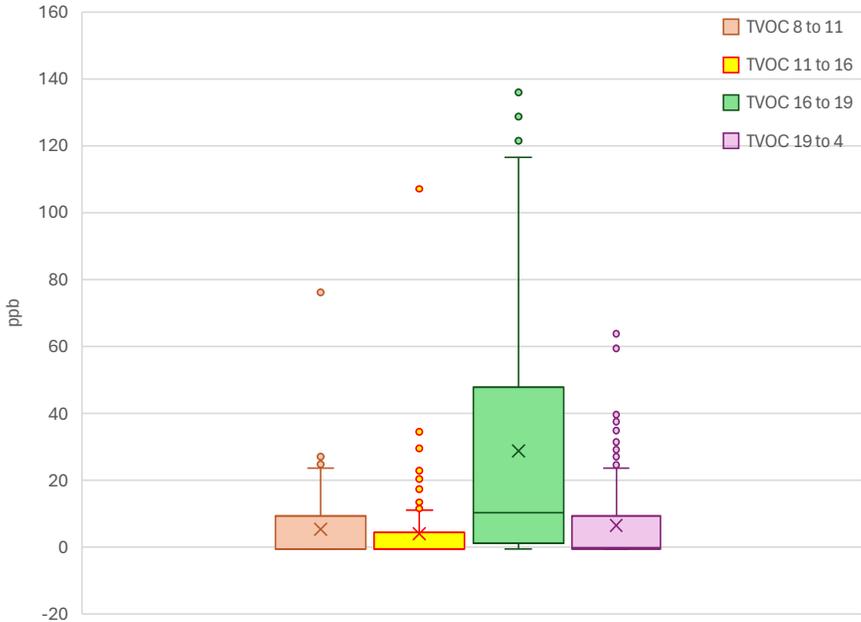


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO2 4 to 8	0.7	0.3	0.1	0.7	-0.1	16.5	672
SO2 8 to 11	0.6	0.2	0.0	0.6	-0.1	6.7	84
SO2 11 to 16	0.8	0.4	0.1	0.7	-0.1	16.5	140
SO2 16 to 19	1.4	0.5	0.1	1.1	-0.1	9.7	84
SO2 19 to 4	0.4	0.3	0.1	0.6	-0.1	2.6	252

H₂S data is not referenced and calibrated against regulatory monitor

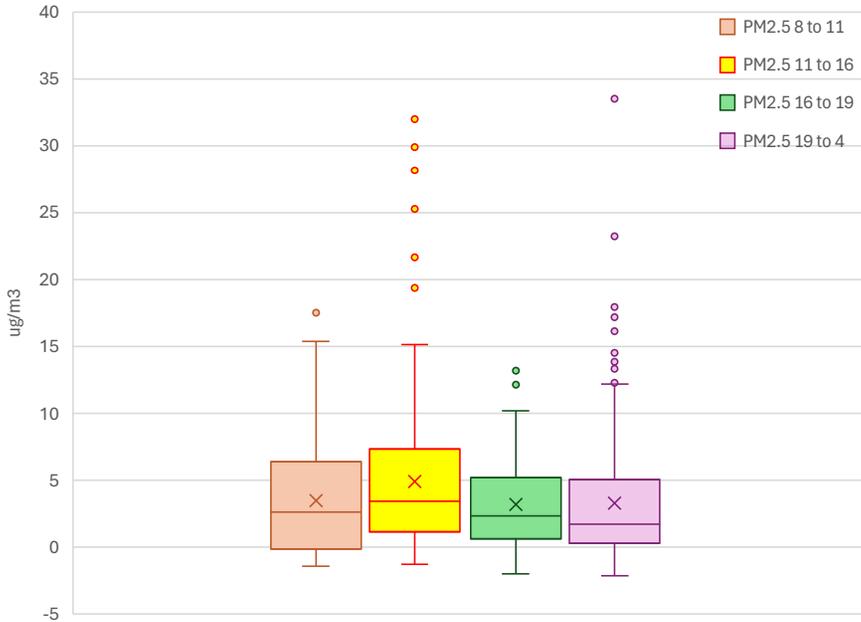
Hourly concentration distribution

TVOC hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	9.1	0.2	-0.5	10.5	-0.5	135.9	672
TVOC 8 to 11	5.4	-0.5	-0.5	9.3	-0.5	76.1	84
TVOC 11 to 16	3.9	-0.5	-0.5	4.3	-0.5	107.1	140
TVOC 16 to 19	28.7	10.2	1.2	47.8	-0.5	135.9	84
TVOC 19 to 4	6.5	-0.3	-0.5	9.4	-0.5	63.9	252

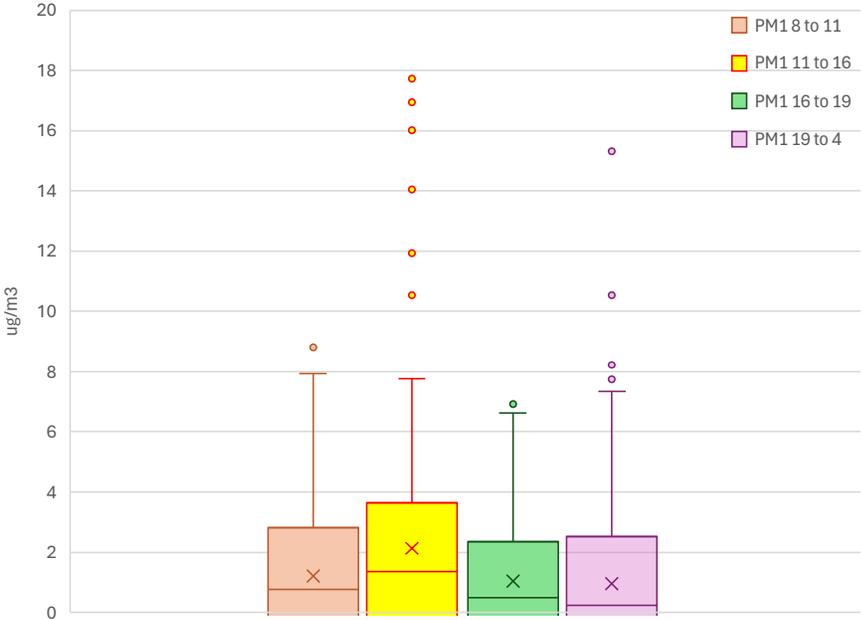
PM2.5 hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM2.5 4 to 8	3.7	2.3	0.7	5.6	-2.2	33.5	672
PM2.5 8 to 11	3.5	2.6	-0.1	6.4	-1.4	17.5	84
PM2.5 11 to 16	4.9	3.4	1.2	7.3	-1.3	32.0	140
PM2.5 16 to 19	3.2	2.4	0.6	5.2	-2.0	13.4	84
PM2.5 19 to 4	3.3	1.7	0.3	5.1	-2.2	33.5	252

Hourly concentration distribution

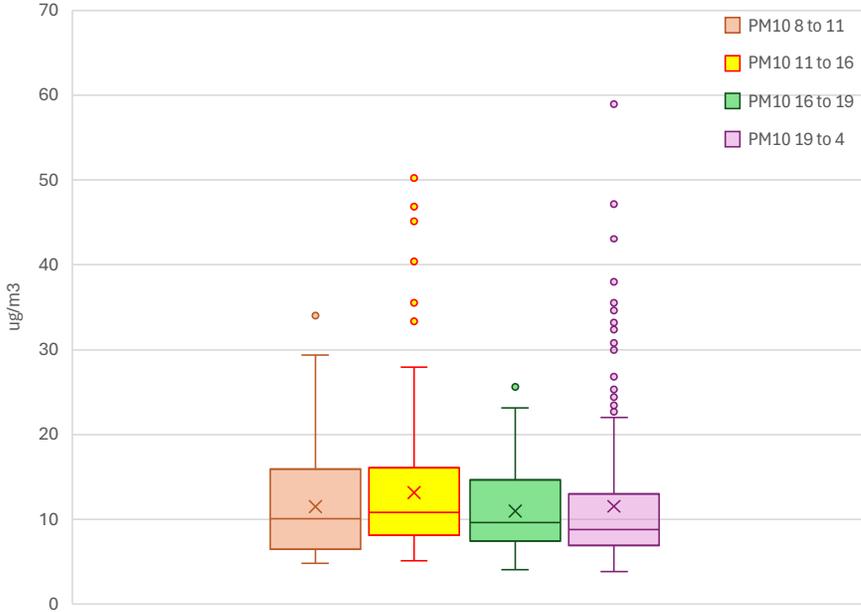
PM1 hourly distribution



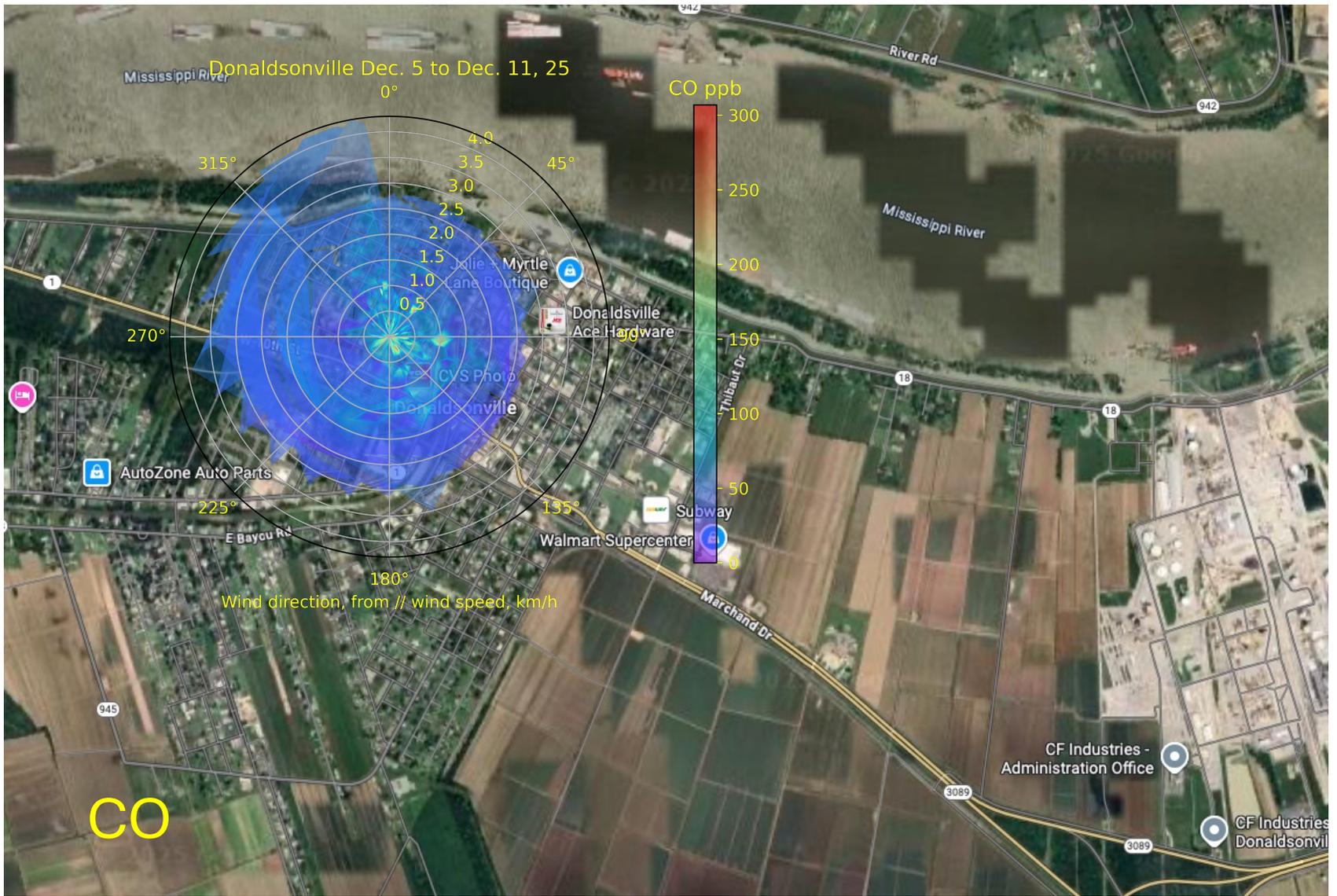
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM14to8	1.3	0.5	-0.5	2.5	-2.4	17.7	672
PM18to11	1.2	0.8	-1.0	2.8	-1.8	8.8	84
PM11to16	2.1	1.4	-0.3	3.6	-1.9	17.7	140
PM116to19	1.0	0.5	-0.6	2.4	-2.3	6.9	84
PM119to4	0.9	0.2	-0.7	2.5	-2.4	15.3	252

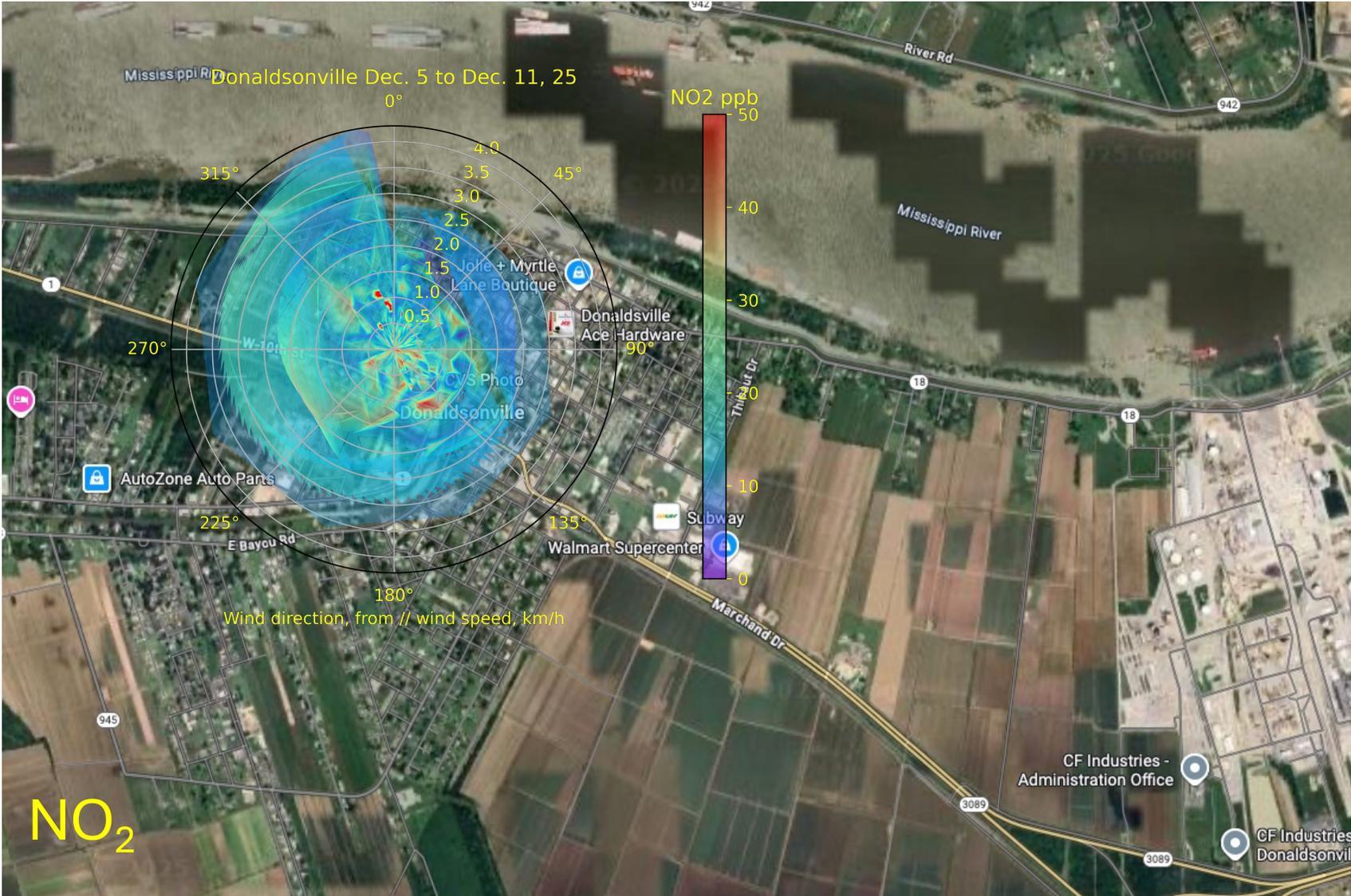
PM₁ data is not referenced and calibrated against regulatory monitor

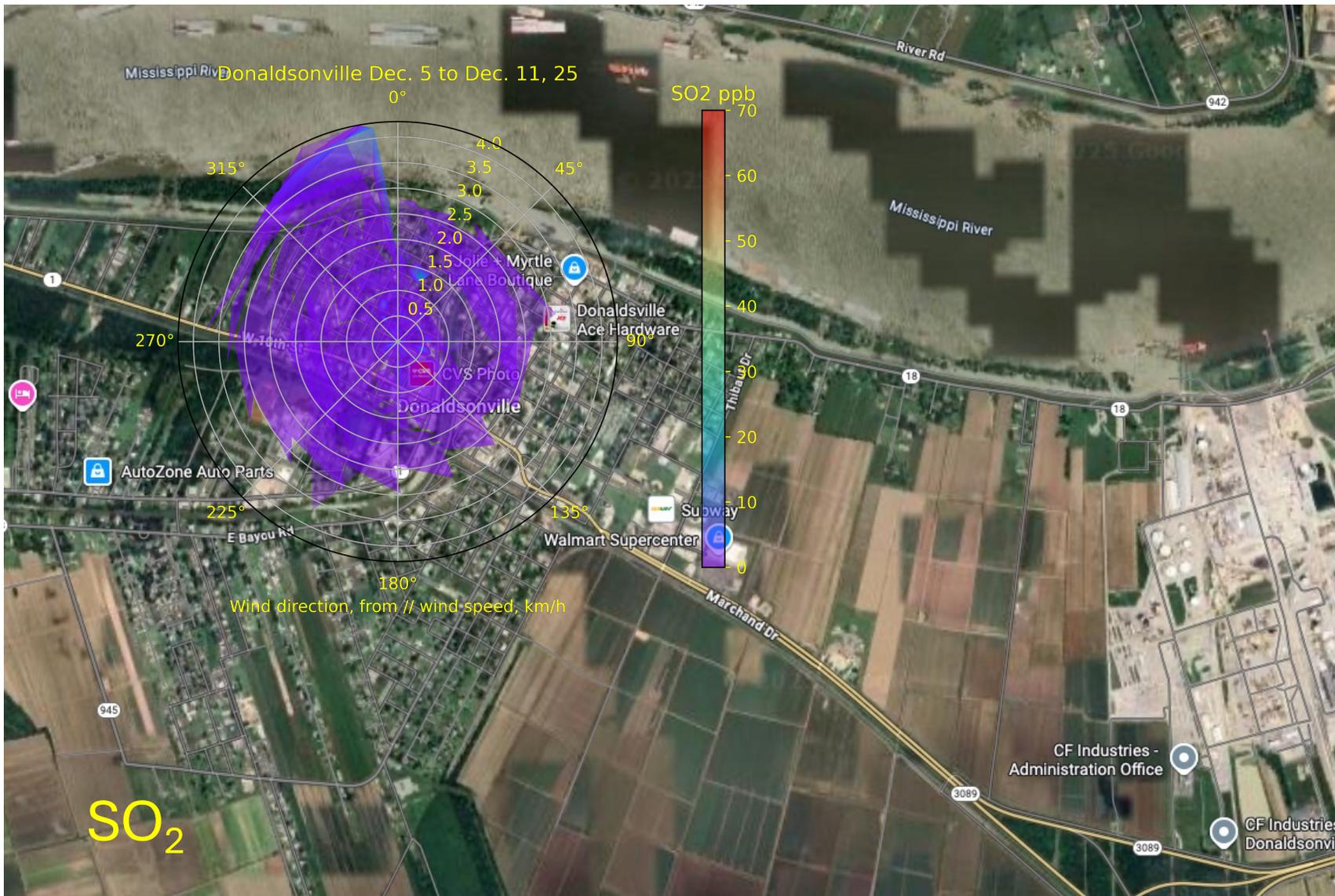
PM10 hourly distribution



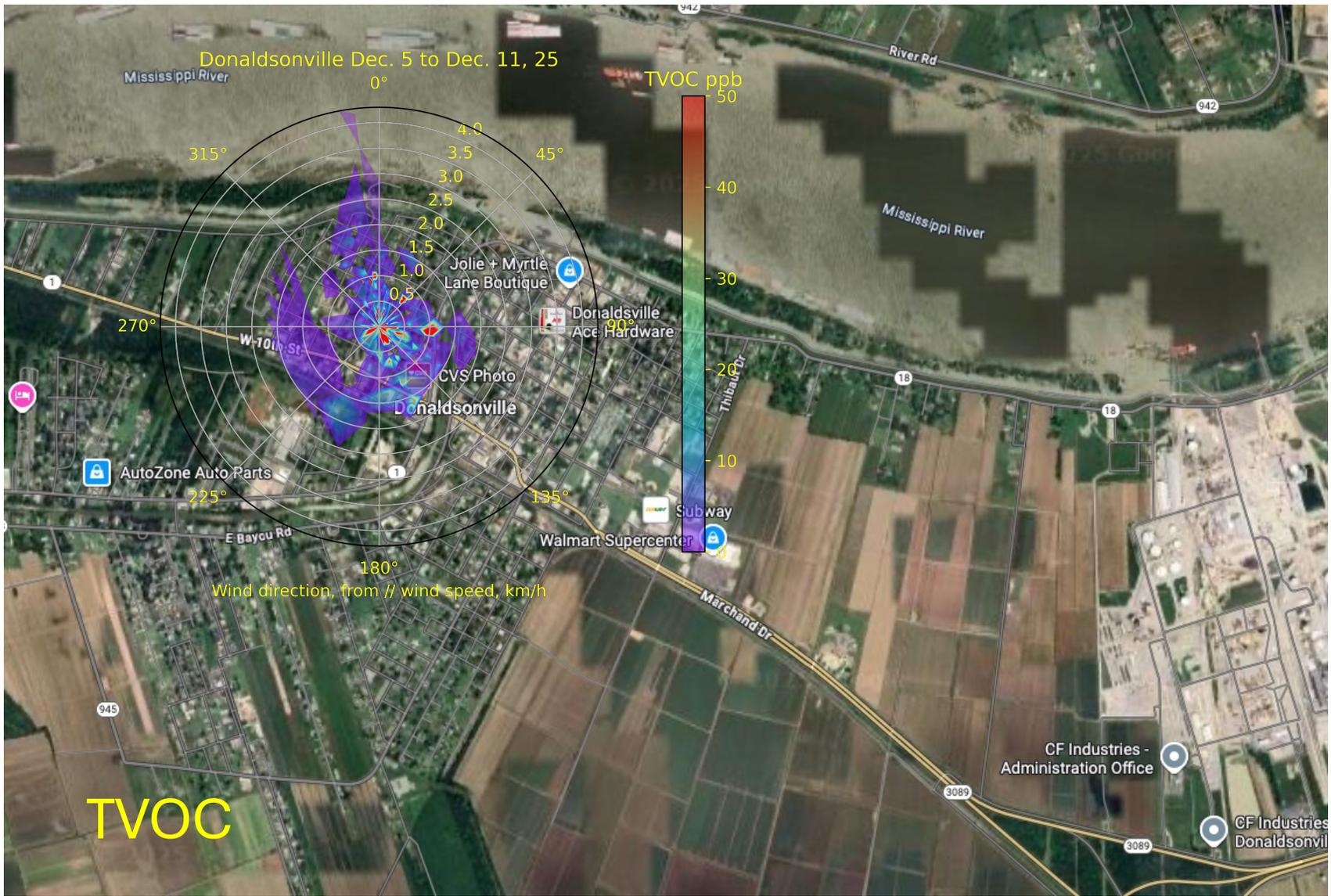
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM104to8	11.8	9.5	7.6	14.4	3.9	59.0	672
PM108to11	11.5	10.1	6.5	15.9	4.8	34.1	84
PM1011to16	13.1	10.8	8.1	16.1	5.2	50.2	140
PM1016to19	11.0	9.6	7.5	14.6	4.1	26.1	84
PM1019to4	11.5	8.8	6.9	13.1	3.9	59.0	252

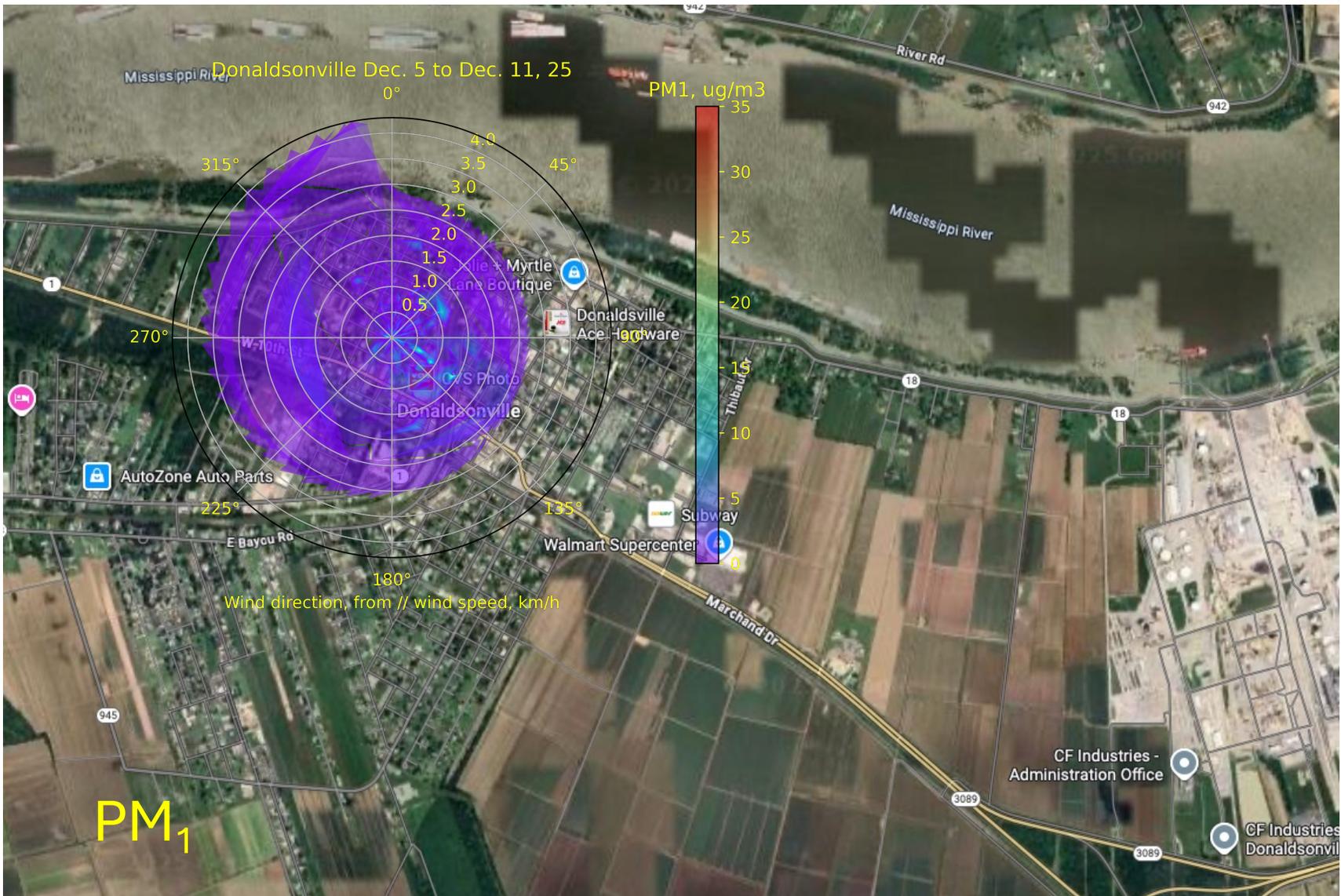


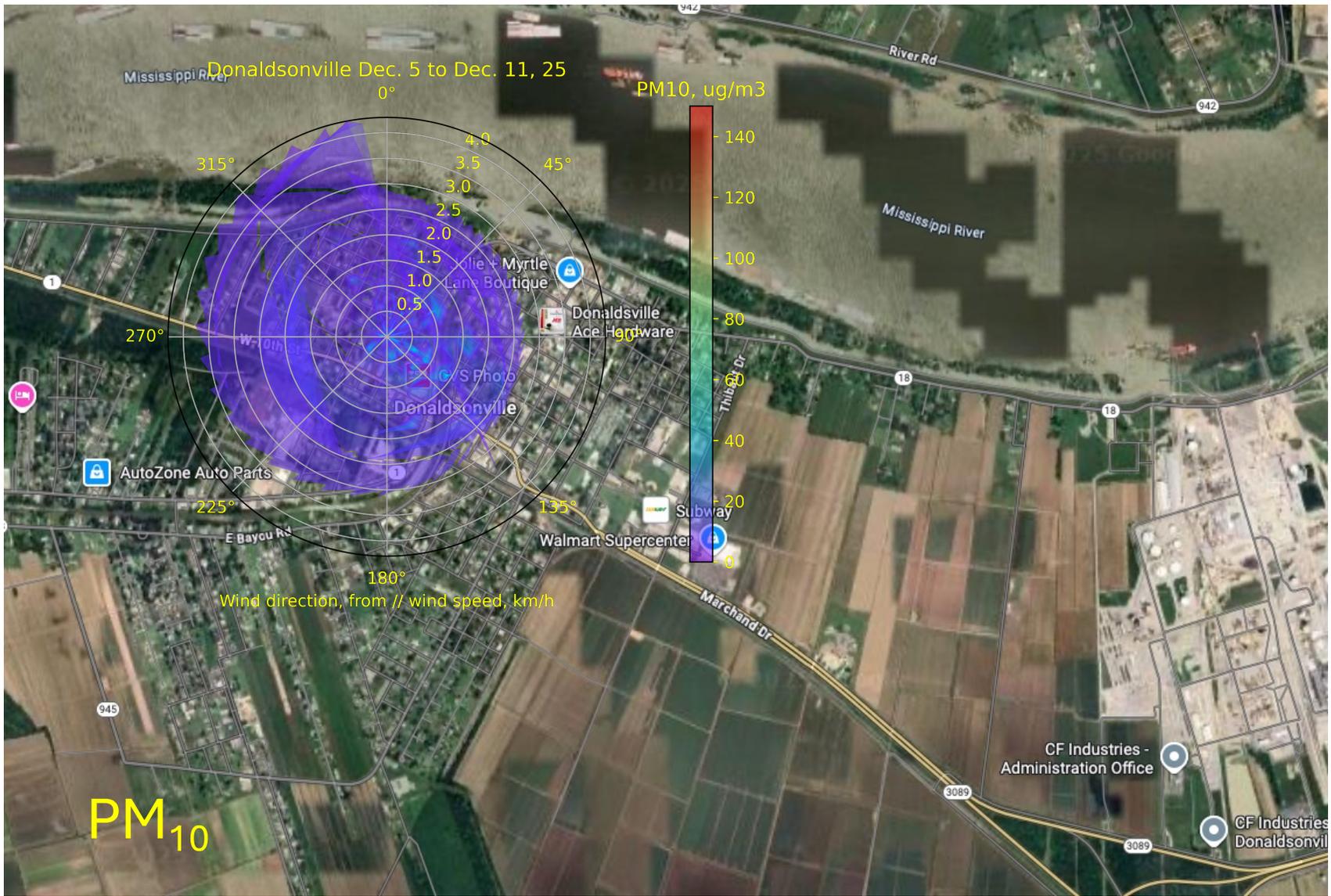














Donaldsonville POD 12/05- 12/11

- TVOCs from 2 directions: East, a strong local source and South-East more afar source .
- South-East winds also associated with some PM_{2.5} elevation