

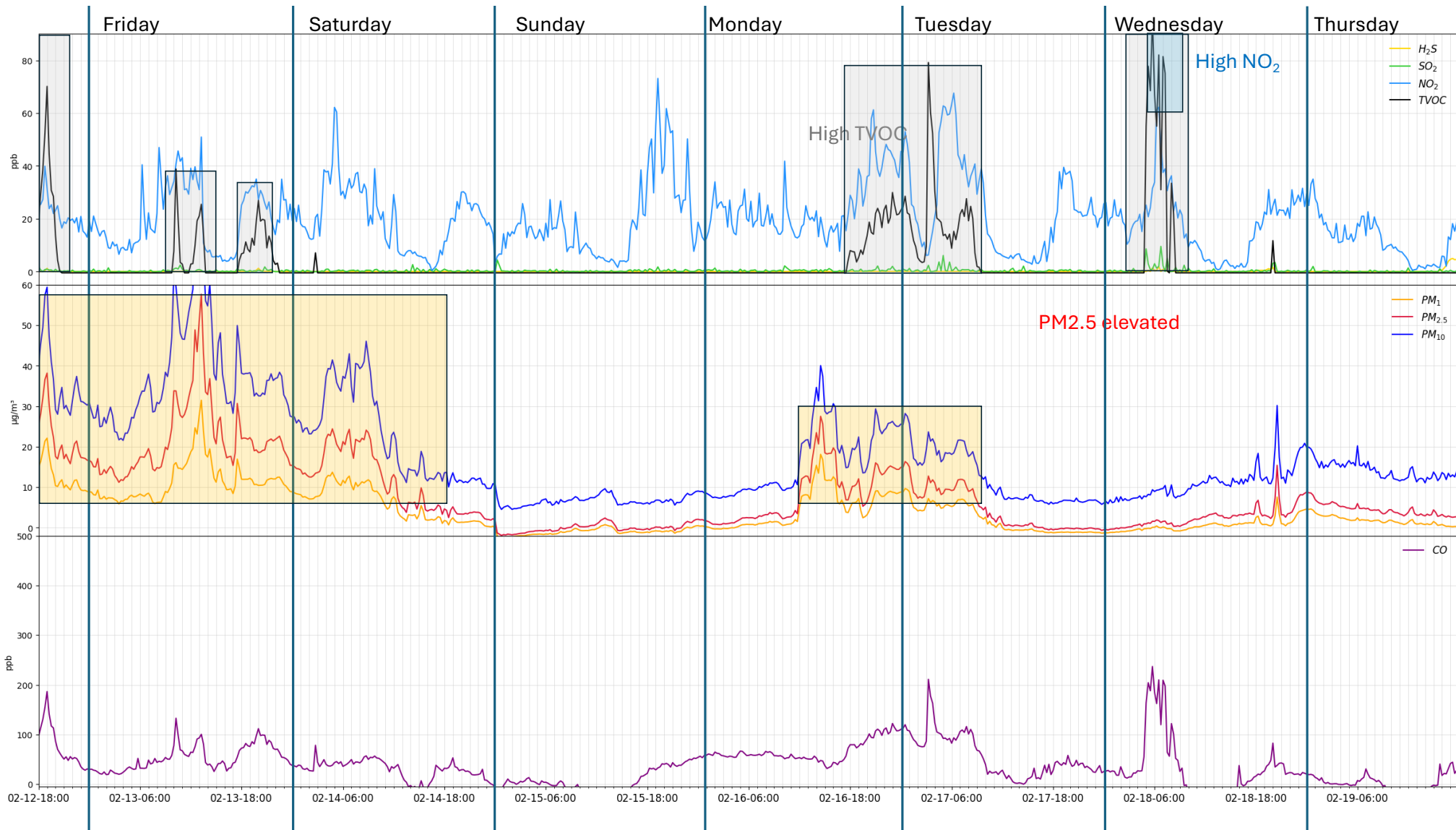
Donaldsonville POD

February 13 – February 19, 2026

Disclaimer

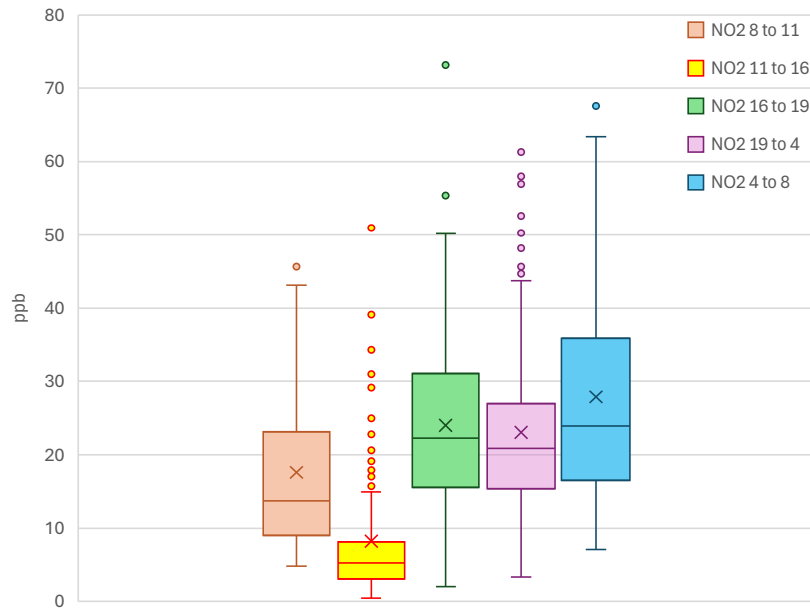
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



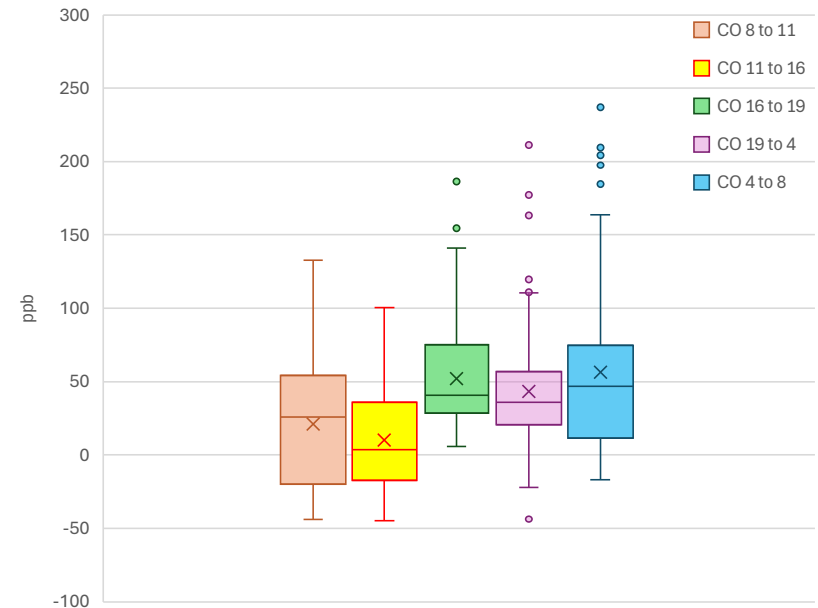
Hourly concentration distribution

NO₂ hourly distribution



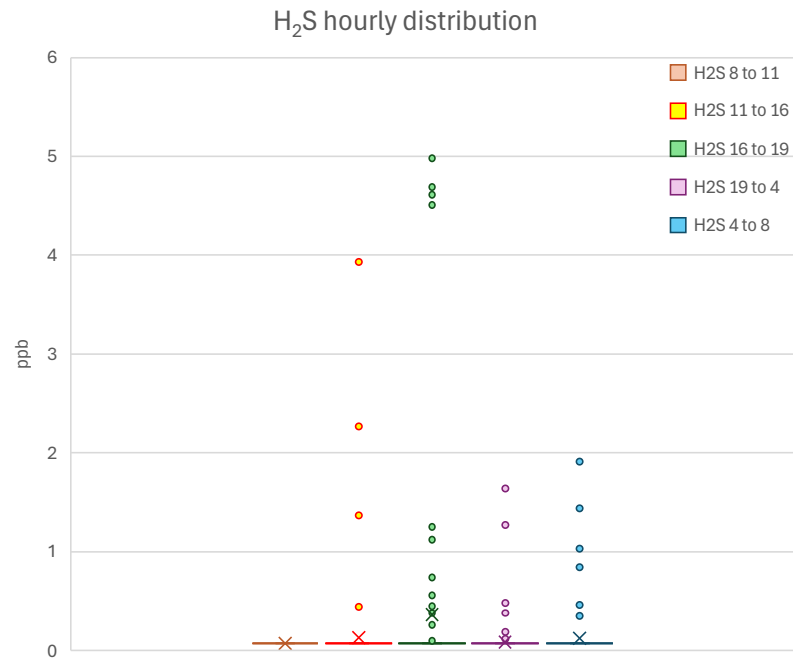
ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	27.9	23.9	16.5	35.9	7.1	67.6	112
NO ₂ 8 to 11	17.6	13.7	9.0	23.2	4.9	45.7	84
NO ₂ 11 to 16	8.2	5.2	3.1	8.1	0.4	50.9	140
NO ₂ 16 to 19	24.0	22.3	15.5	31.1	2.0	73.1	84
NO ₂ 19 to 4	23.0	20.8	15.3	27.1	3.4	61.7	252

CO hourly distribution

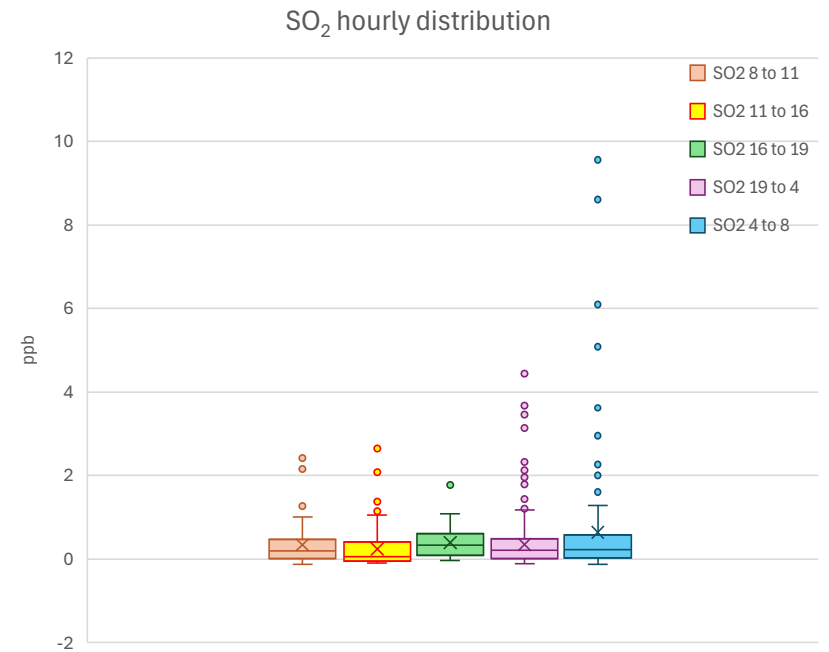


ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	56.5	46.6	11.5	74.9	-17.0	236.9	112
CO 8 to 11	21.0	26.1	-20.1	54.1	-44.0	132.8	84
CO 11 to 16	10.3	3.5	-17.2	35.9	-44.8	100.5	140
CO 16 to 19	51.9	40.8	28.4	75.4	5.8	186.5	84
CO 19 to 4	43.5	35.7	20.5	57.0	-43.7	211.1	252

Hourly concentration distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	0.1	0.1	0.1	0.1	0.1	1.9	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	0.1	0.1	0.1	0.1	0.1	3.9	140
H ₂ S 16 to 19	0.4	0.1	0.1	0.1	0.1	5.0	84
H ₂ S 19 to 4	0.1	0.1	0.1	0.1	0.1	1.6	252

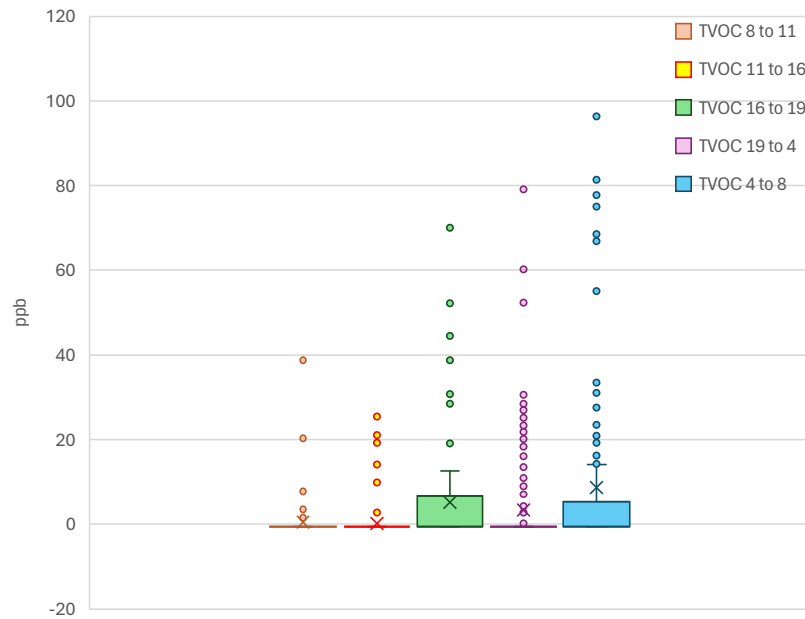


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	0.6	0.2	0.0	0.6	-0.1	9.6	112
SO ₂ 8 to 11	0.3	0.2	0.0	0.5	-0.1	2.5	84
SO ₂ 11 to 16	0.2	0.1	-0.1	0.4	-0.1	2.7	140
SO ₂ 16 to 19	0.4	0.3	0.1	0.6	0.0	1.8	84
SO ₂ 19 to 4	0.4	0.2	0.0	0.5	-0.1	4.4	252

H₂S data is not referenced and calibrated against regulatory monitor

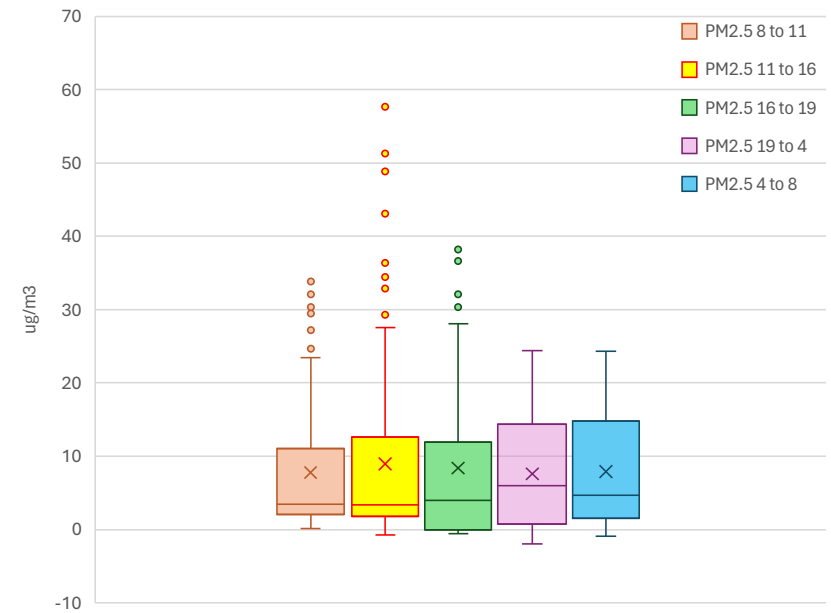
Hourly concentration distribution

TVOC hourly distribution



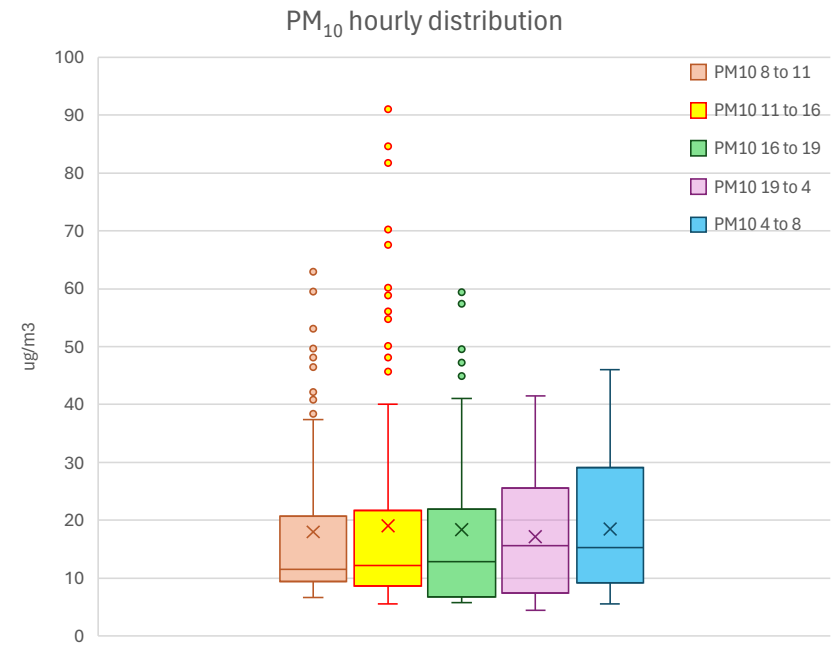
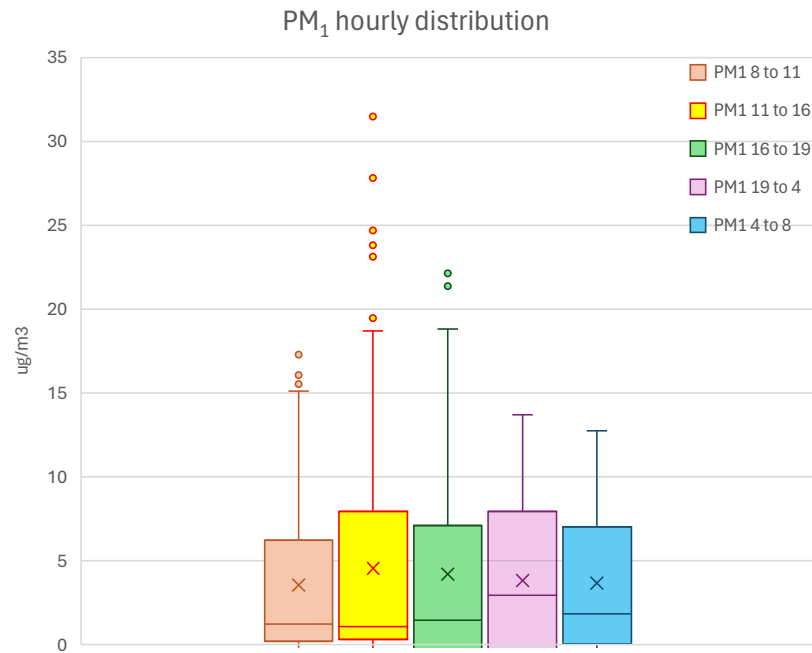
ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	8.7	-0.5	-0.5	5.4	-0.5	96.3	112
TVOC 8 to 11	0.5	-0.5	-0.5	-0.5	-0.5	38.8	84
TVOC 11 to 16	0.2	-0.5	-0.5	-0.5	-0.5	25.5	140
TVOC 16 to 19	5.2	-0.5	-0.5	6.7	-0.5	70.1	84
TVOC 19 to 4	3.4	-0.5	-0.5	-0.5	-0.5	79.1	252

PM_{2.5} hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	7.9	4.7	1.6	14.8	-0.9	24.3	112
PM _{2.5} 8 to 11	7.8	3.4	2.1	11.1	0.1	33.8	84
PM _{2.5} 11 to 16	8.9	3.4	1.8	12.6	-0.7	57.7	140
PM _{2.5} 16 to 19	8.4	3.9	0.0	11.9	-0.5	38.2	84
PM _{2.5} 19 to 4	7.6	6.0	0.7	14.4	-1.9	24.4	252

Hourly concentration distribution

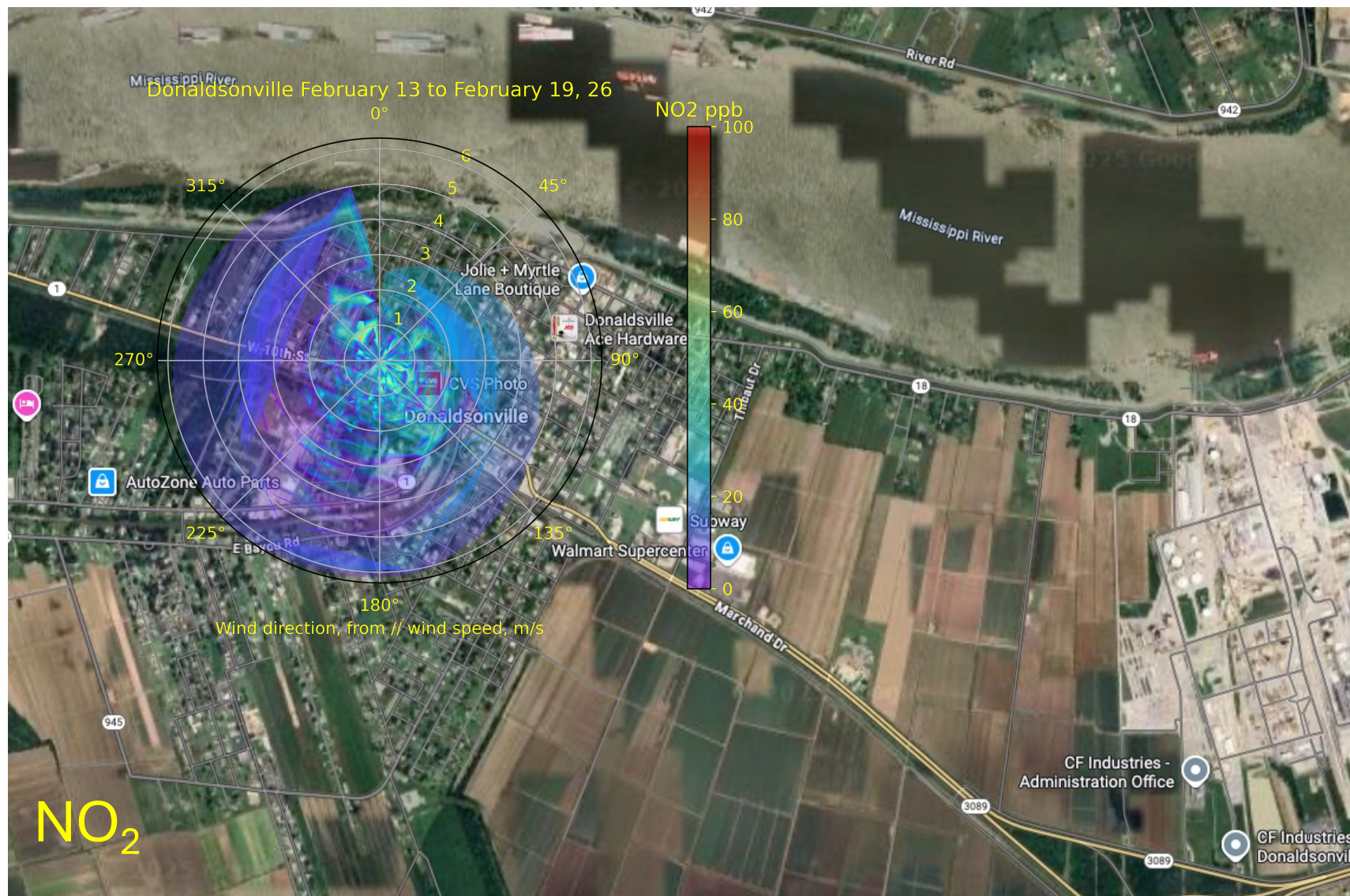


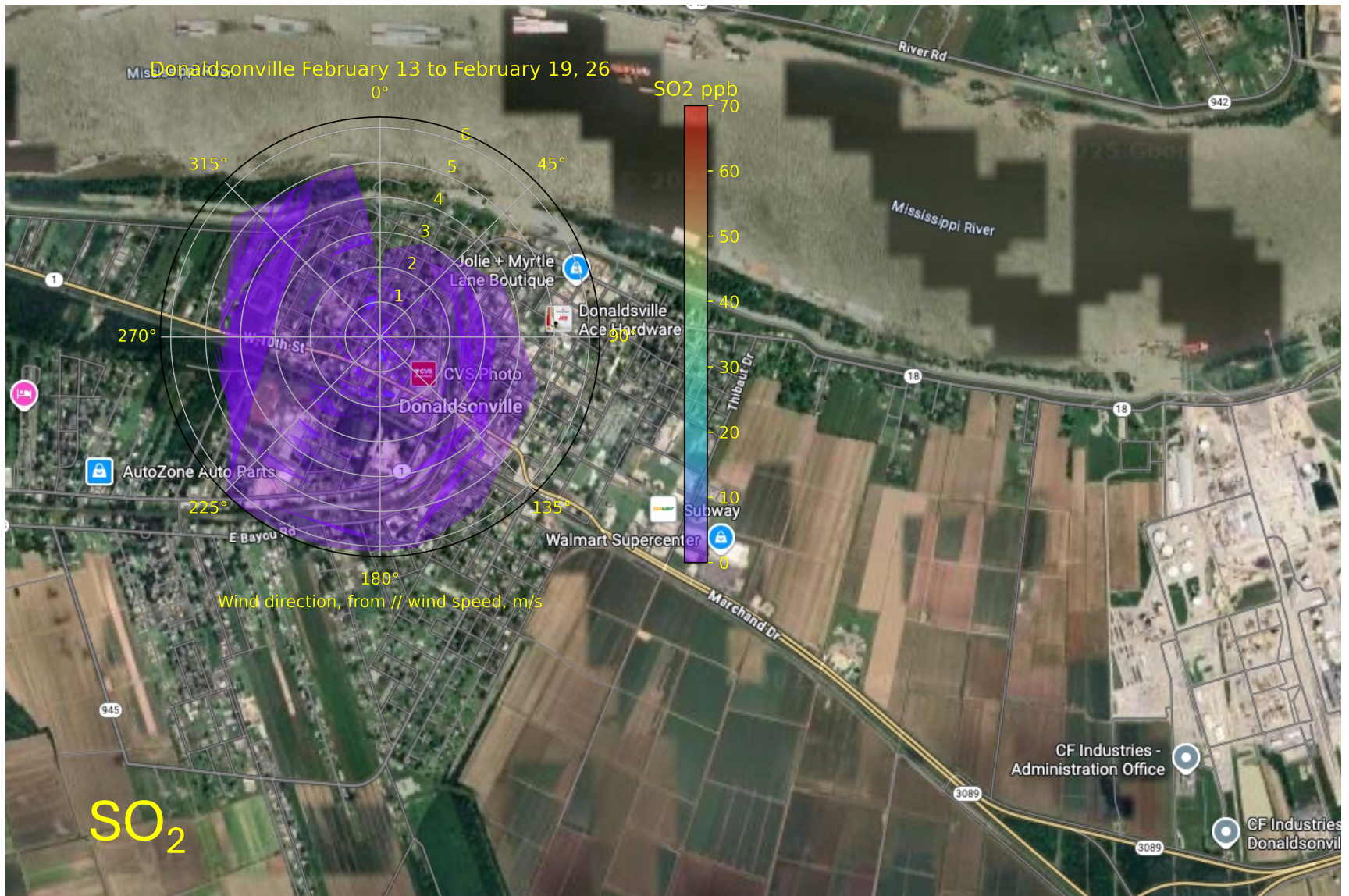
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	3.7	1.8	0.1	7.0	-1.7	12.7	112
PM ₁ 8 to 11	3.5	1.3	0.2	6.2	-0.8	17.3	84
PM ₁ 11 to 16	4.5	1.1	0.3	8.0	-1.4	31.5	140
PM ₁ 16 to 19	4.2	1.5	-0.9	7.1	-1.3	22.1	84
PM ₁ 19 to 4	3.8	2.9	-0.3	8.0	-2.4	13.7	252

ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	18.5	15.3	9.3	29.1	5.5	46.1	112
PM ₁₀ 8 to 11	18.0	11.5	9.5	20.7	6.7	62.9	84
PM ₁₀ 11 to 16	19.0	12.2	8.7	21.7	5.6	91.0	140
PM ₁₀ 16 to 19	18.4	12.9	6.8	21.9	5.8	59.4	84
PM ₁₀ 19 to 4	17.2	15.7	7.4	25.6	4.5	41.5	252

PM₁ data is not referenced and calibrated against regulatory monitor



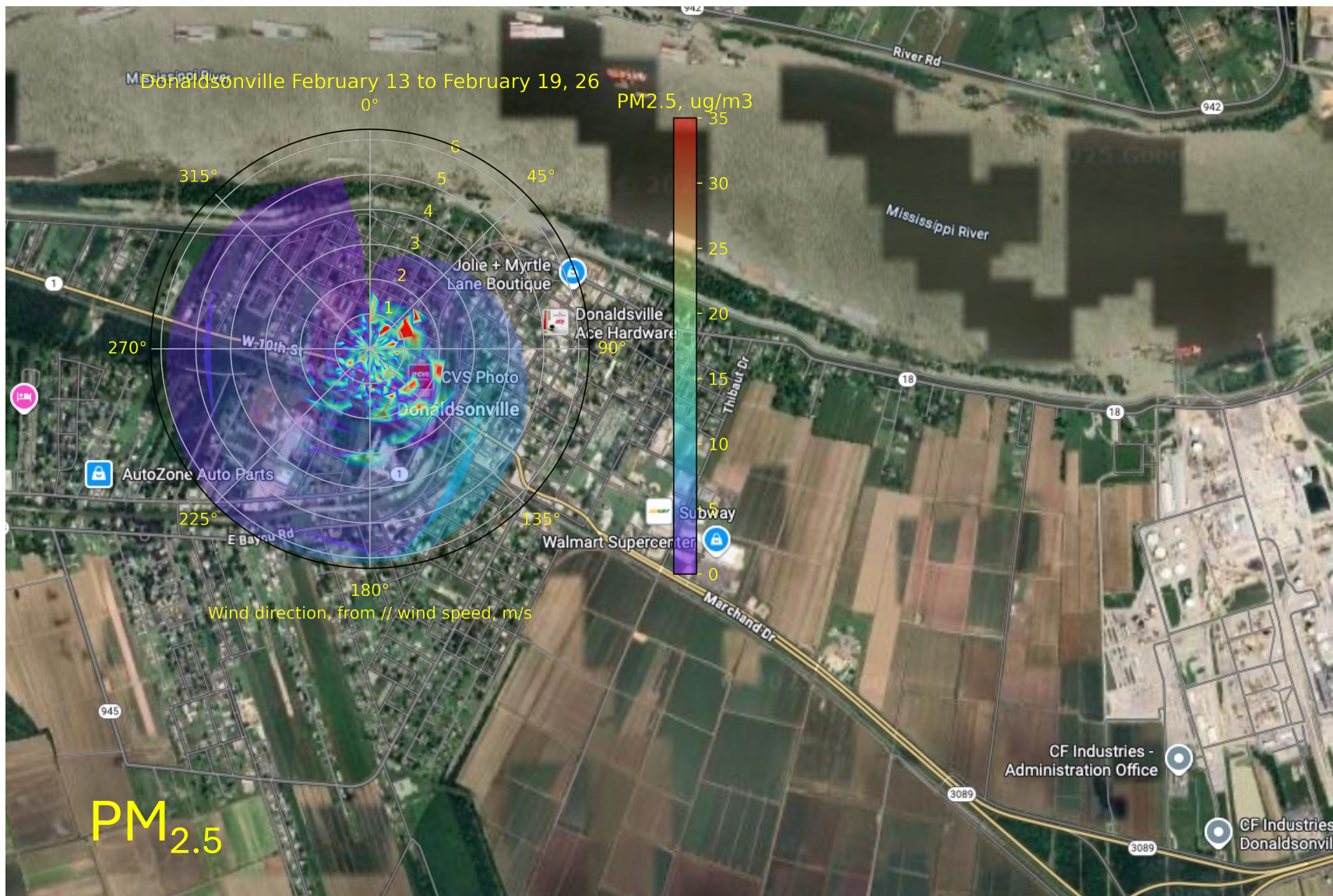














Donaldsonville POD 2/13-2/19



- High levels of PM_{2.5} associated with 2 directions North-East and South-East.
- South-East source is also associated with elevated TVOCs.