

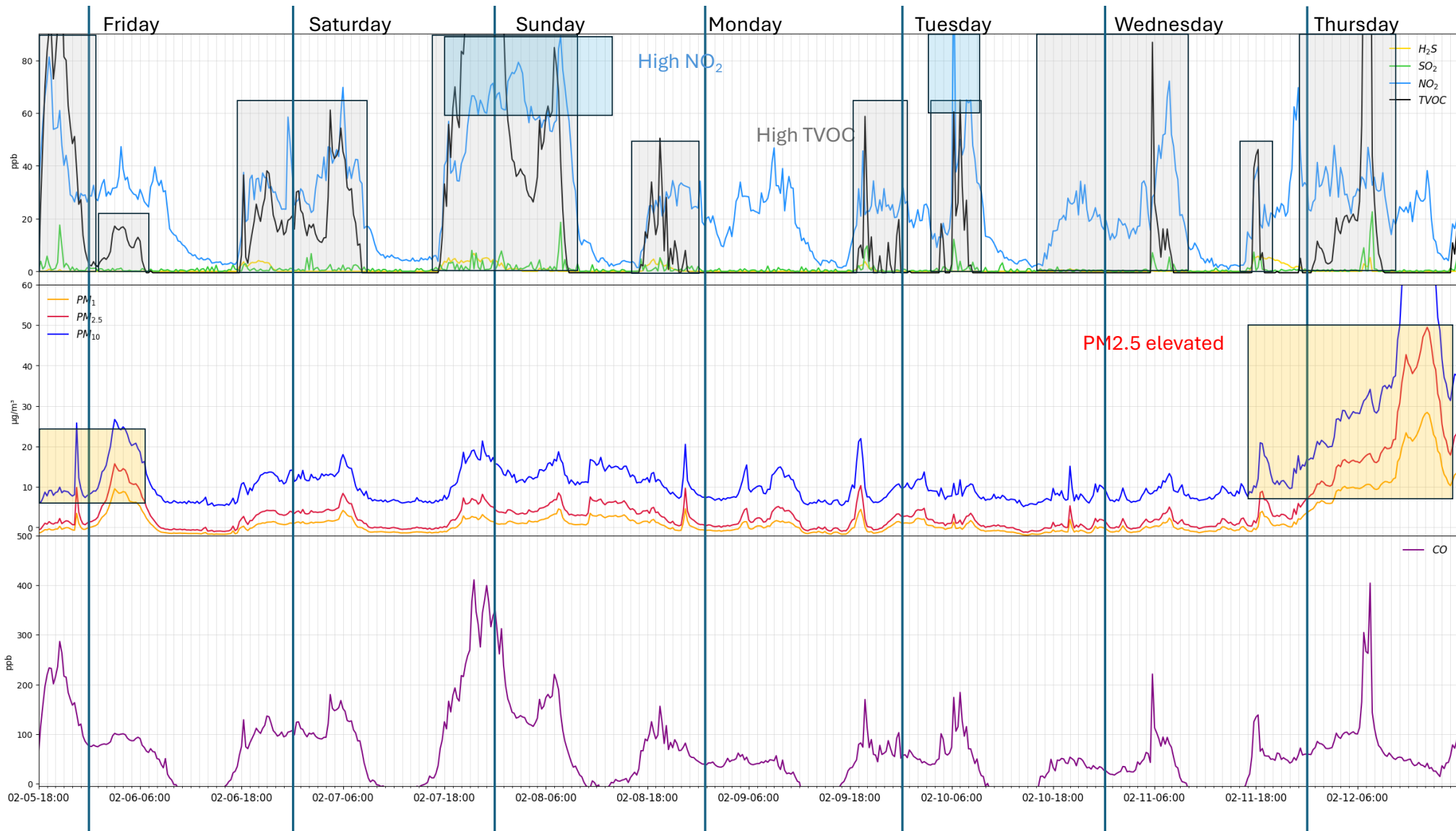
Donaldsonville POD

February 6 – February 12, 2026

Disclaimer

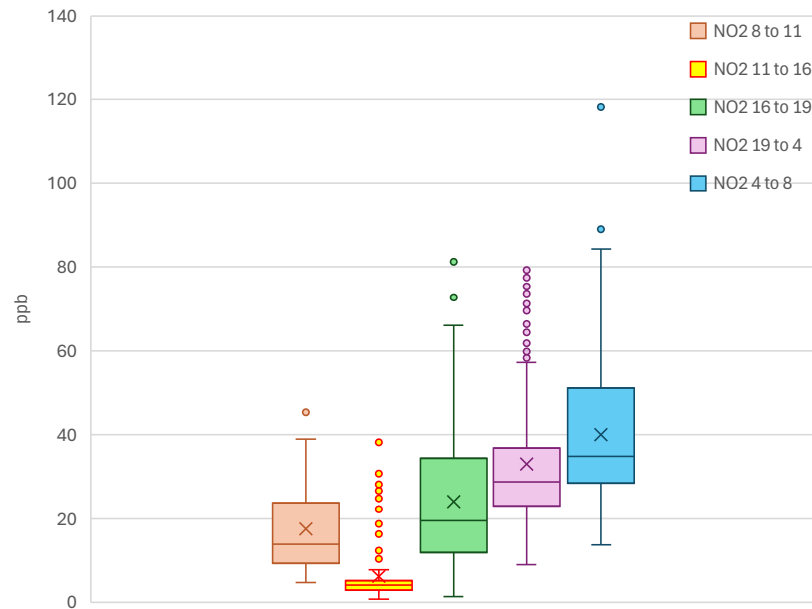
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



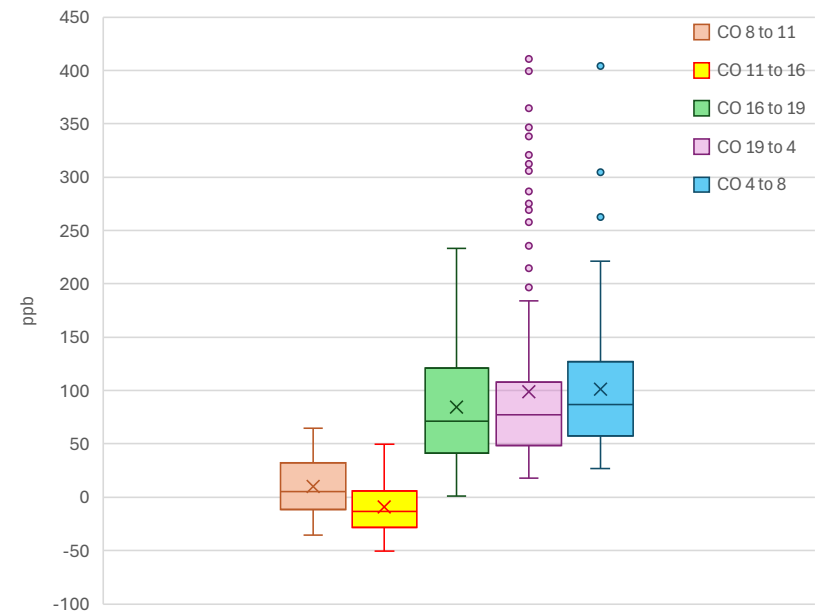
Hourly concentration distribution

NO₂ hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	40.1	34.8	28.4	51.3	13.8	118.3	112
NO ₂ 8 to 11	17.6	14.0	9.4	23.7	4.7	46.8	84
NO ₂ 11 to 16	6.2	4.1	2.9	5.2	0.7	38.2	140
NO ₂ 16 to 19	23.9	19.6	12.0	34.4	1.4	81.2	84
NO ₂ 19 to 4	33.1	28.8	22.8	37.2	9.1	79.2	252

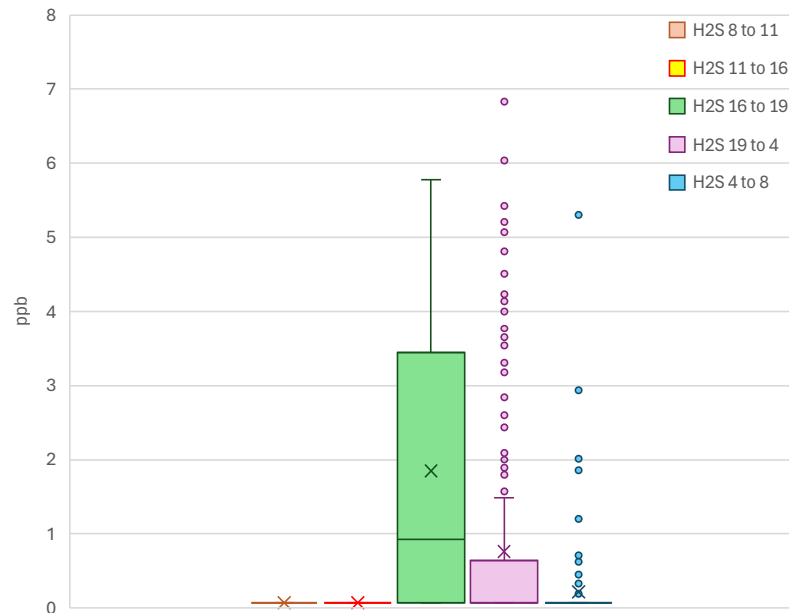
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	101.5	86.8	57.4	127.3	26.8	404.1	112
CO 8 to 11	10.3	5.2	-11.2	32.2	-35.6	64.4	84
CO 11 to 16	-9.3	-13.1	-28.0	5.7	-50.7	49.7	140
CO 16 to 19	84.3	71.3	41.5	121.3	1.1	233.5	84
CO 19 to 4	98.9	77.5	48.5	109.0	17.7	410.8	252

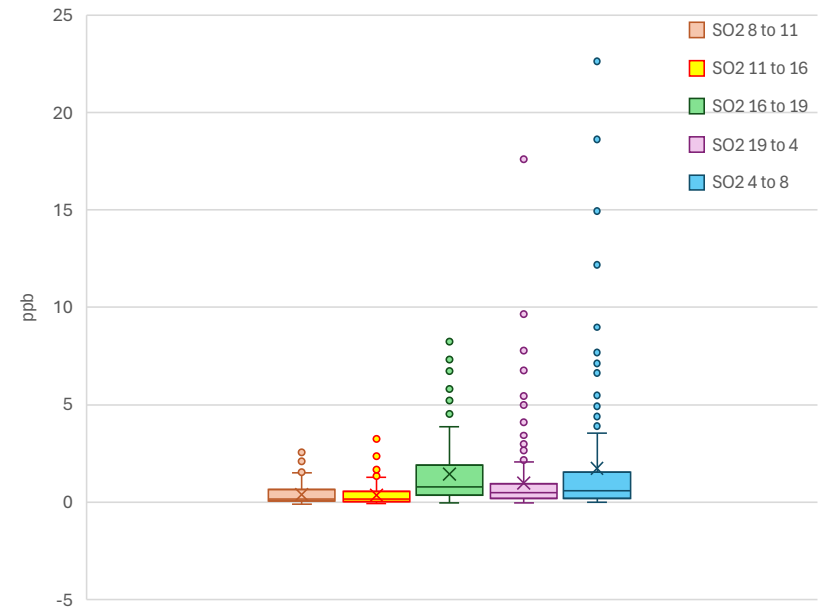
Hourly concentration distribution

H₂S hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H ₂ S 4 to 8	0.2	0.1	0.1	0.1	0.1	5.3	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	0.1	0.1	0.1	0.1	0.1	0.1	140
H ₂ S 16 to 19	1.8	0.9	0.1	3.5	0.1	5.8	84
H ₂ S 19 to 4	0.8	0.1	0.1	0.7	0.1	6.8	252

SO₂ hourly distribution

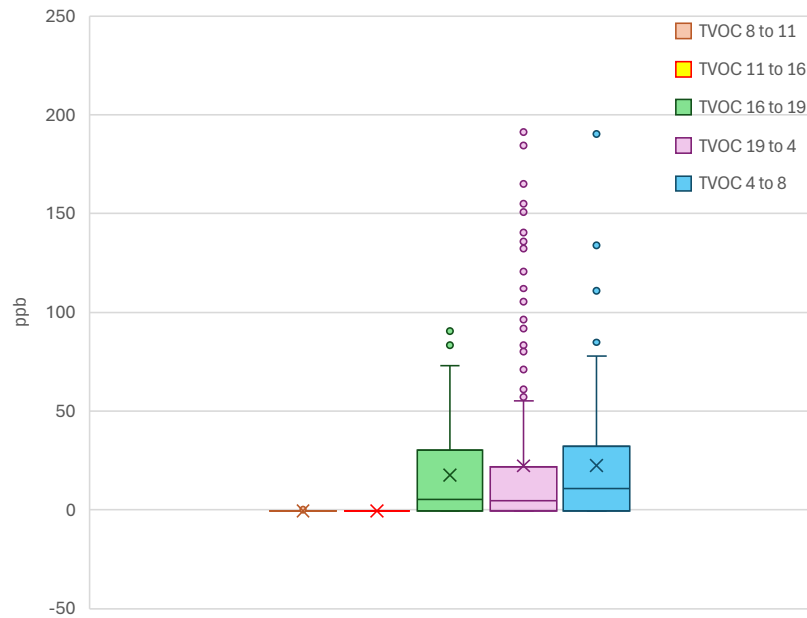


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	1.7	0.6	0.2	1.5	0.0	22.6	112
SO ₂ 8 to 11	0.4	0.2	0.1	0.6	-0.1	2.9	84
SO ₂ 11 to 16	0.4	0.2	0.0	0.6	-0.1	3.3	140
SO ₂ 16 to 19	1.4	0.8	0.4	1.9	0.0	8.2	84
SO ₂ 19 to 4	1.0	0.5	0.2	1.0	0.0	17.6	252

H₂S data is not referenced and calibrated against regulatory monitor

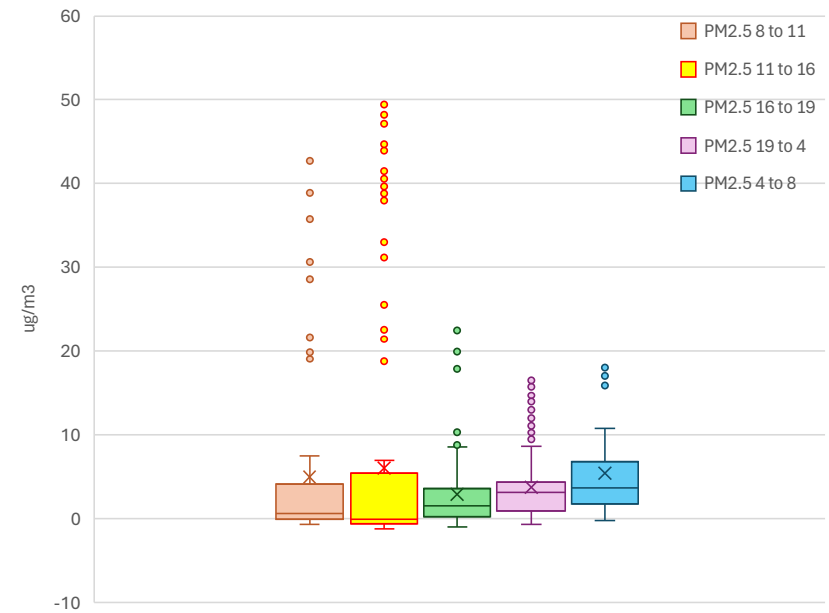
Hourly concentration distribution

TVOC hourly distribution



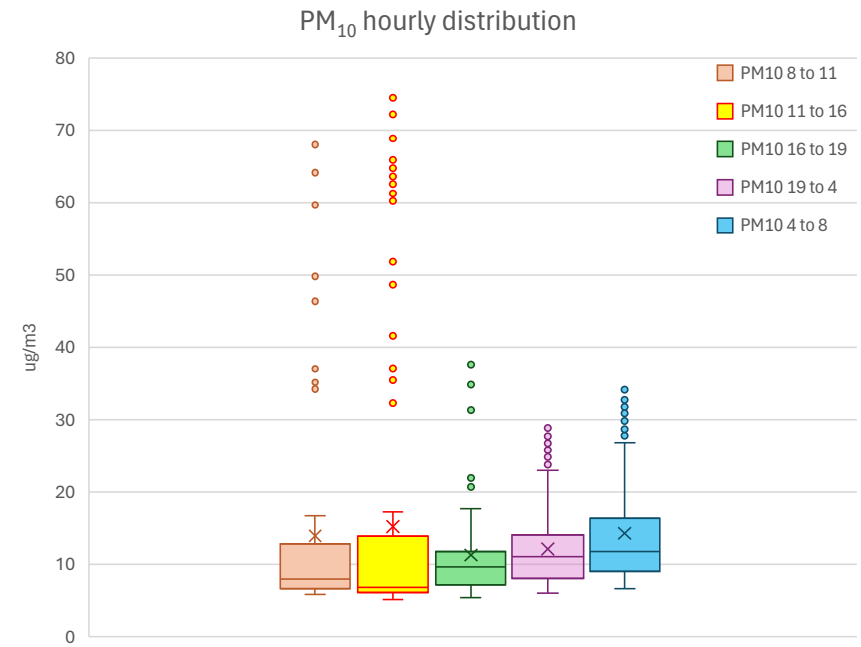
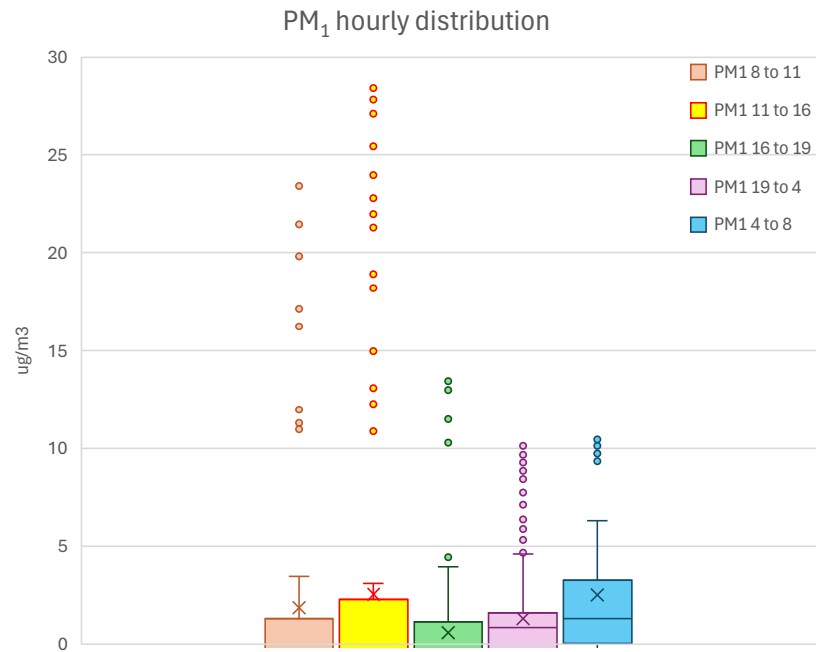
ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	22.4	10.8	-0.5	32.2	-0.5	190.2	112
TVOC 8 to 11	-0.5	-0.5	-0.5	-0.5	-0.5	0.1	84
TVOC 11 to 16	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	140
TVOC 16 to 19	17.7	5.3	-0.5	30.1	-0.5	91.5	84
TVOC 19 to 4	22.3	4.6	-0.5	21.9	-0.5	191.4	252

PM_{2.5} hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	5.5	3.7	1.8	6.8	-0.2	18.3	112
PM _{2.5} 8 to 11	5.0	0.7	-0.1	4.2	-0.6	42.7	84
PM _{2.5} 11 to 16	6.1	-0.1	-0.6	5.5	-1.2	49.5	140
PM _{2.5} 16 to 19	2.9	1.6	0.3	3.6	-1.0	23.2	84
PM _{2.5} 19 to 4	3.8	3.1	0.9	4.3	-0.6	16.8	252

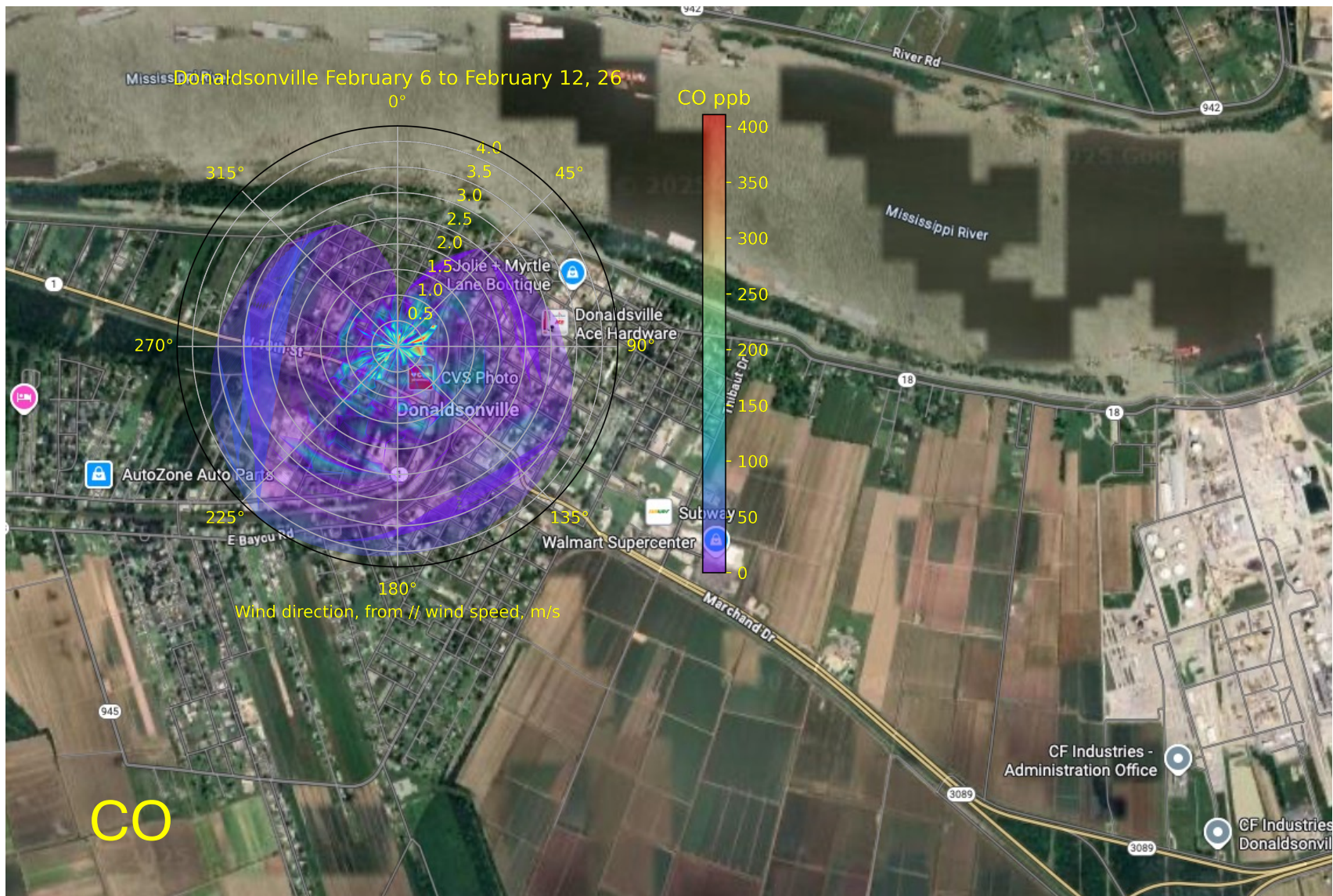
Hourly concentration distribution

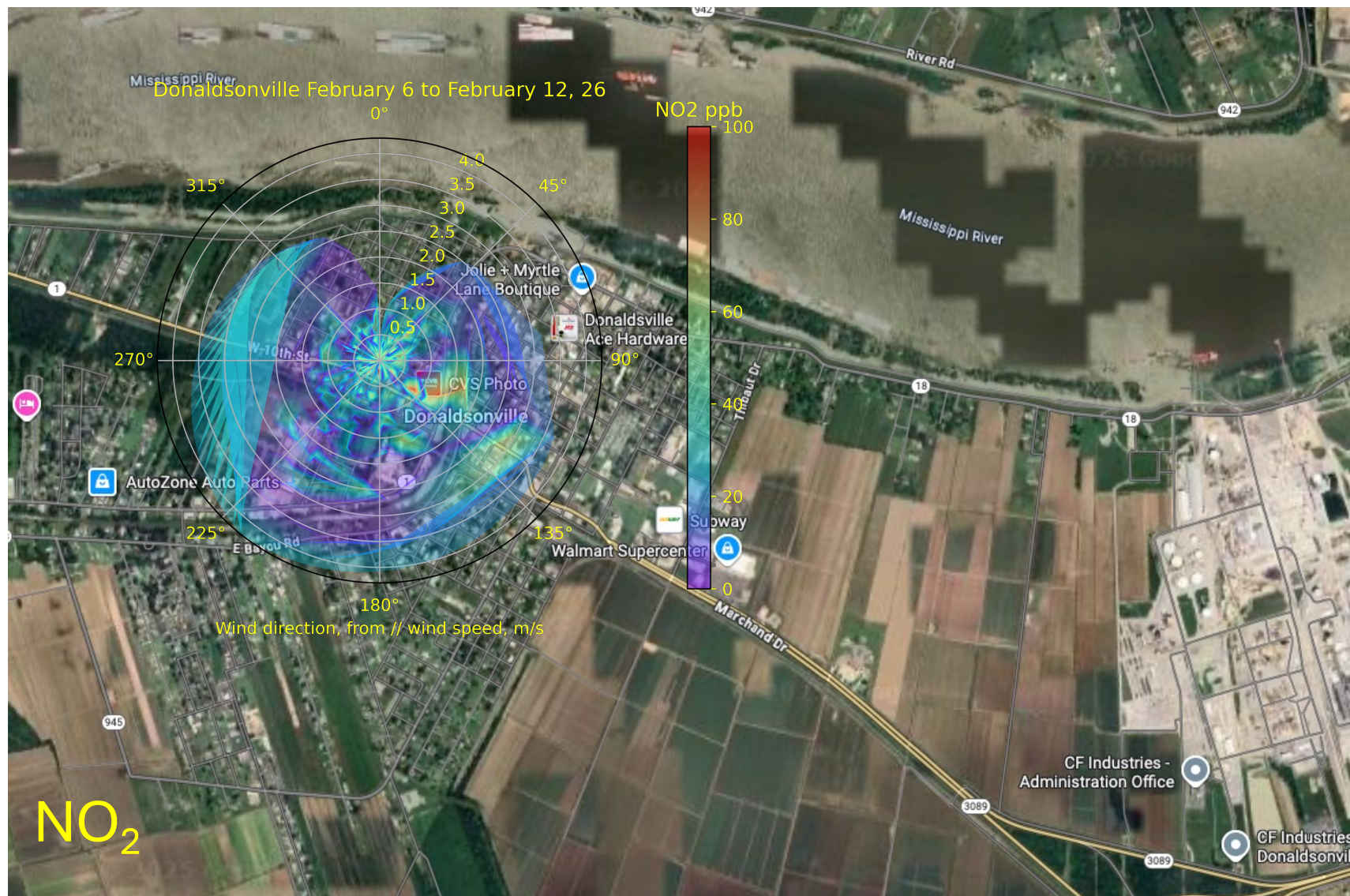


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	2.5	1.3	0.1	3.3	-1.3	10.7	112
PM ₁ 8 to 11	1.9	-0.7	-1.1	1.3	-1.5	23.4	84
PM ₁ 11 to 16	2.6	-1.1	-1.4	2.3	-1.9	28.4	140
PM ₁ 16 to 19	0.6	-0.3	-1.0	1.2	-1.7	13.4	84
PM ₁ 19 to 4	1.3	0.9	-0.4	1.6	-1.4	10.1	252

ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	14.3	11.8	9.1	16.4	6.7	34.1	112
PM ₁₀ 8 to 11	14.0	8.0	6.7	12.9	5.9	68.0	84
PM ₁₀ 11 to 16	15.2	6.9	6.1	13.9	5.1	74.5	140
PM ₁₀ 16 to 19	11.3	9.7	7.2	11.8	5.4	37.9	84
PM ₁₀ 19 to 4	12.2	11.1	8.1	14.2	6.0	28.9	252

PM₁ data is not referenced and calibrated against regulatory monitor



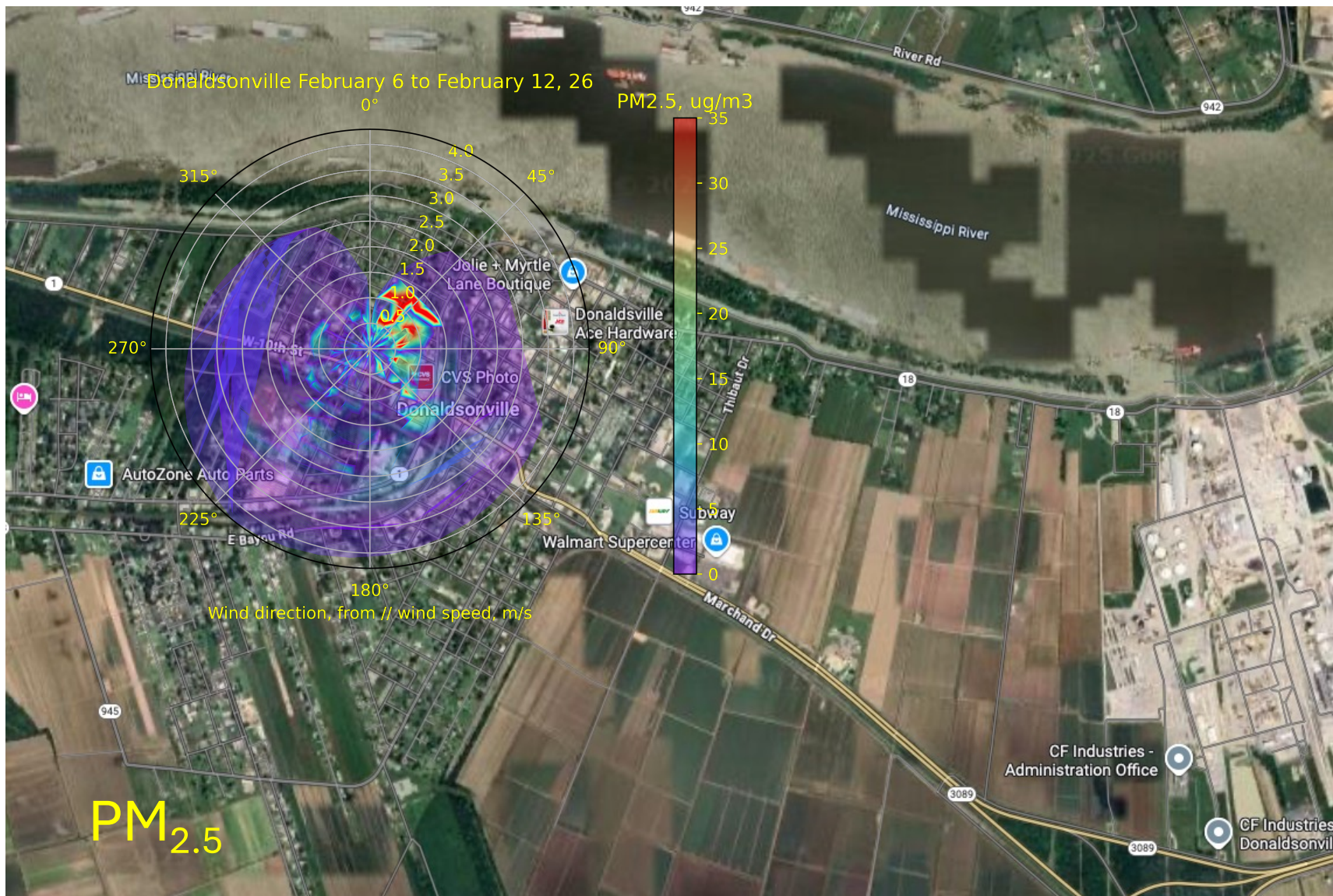














Donaldsonville POD 2/06-2/12



- High levels of TVOC. Air is relatively stagnant, but indications of South-East direction
- NO₂ elevated associated with similar direction
- PM_{2.5} high at times from North-East direction