

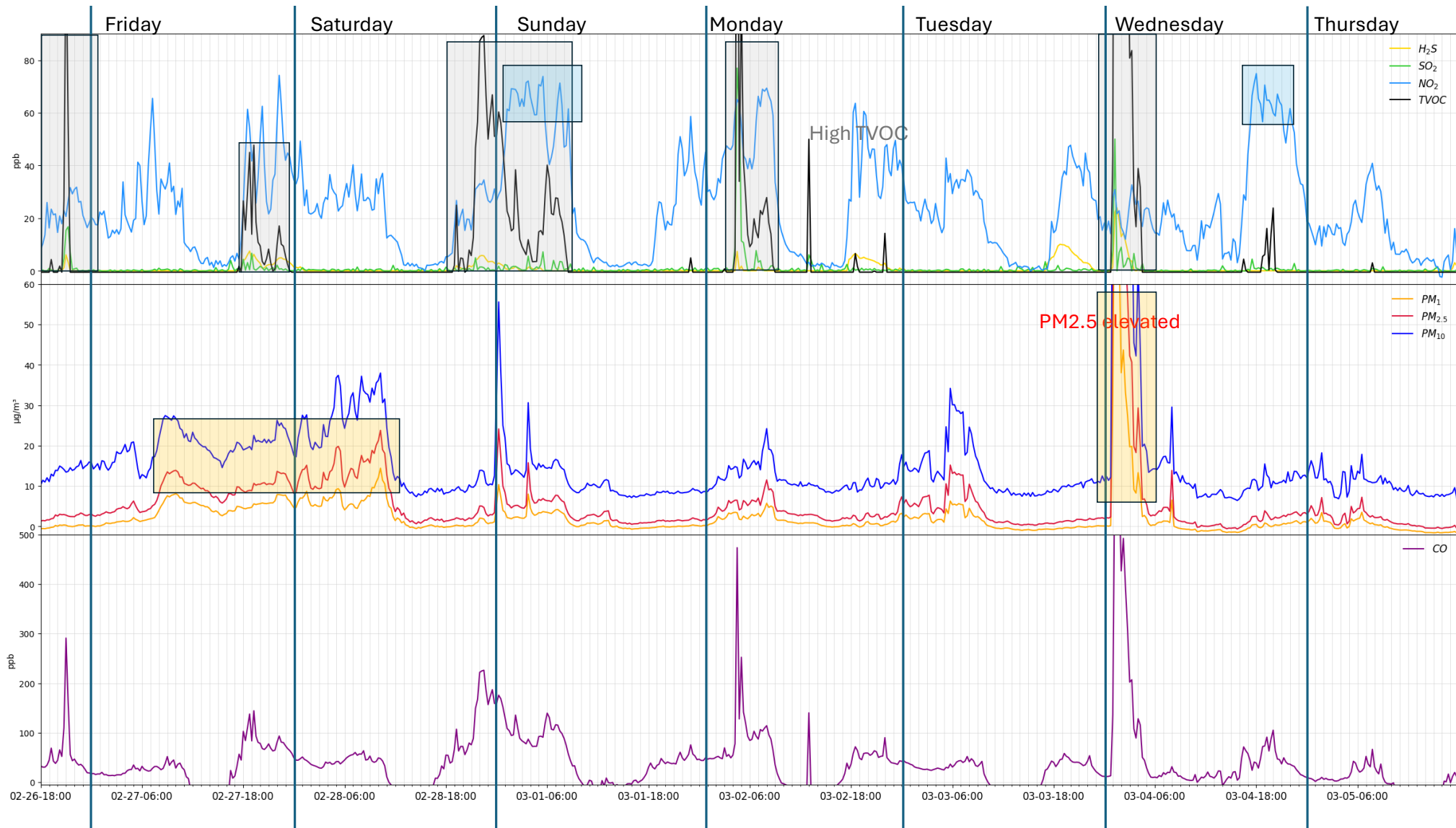
Donaldsonville POD

February 27 – March 5, 2026

Disclaimer

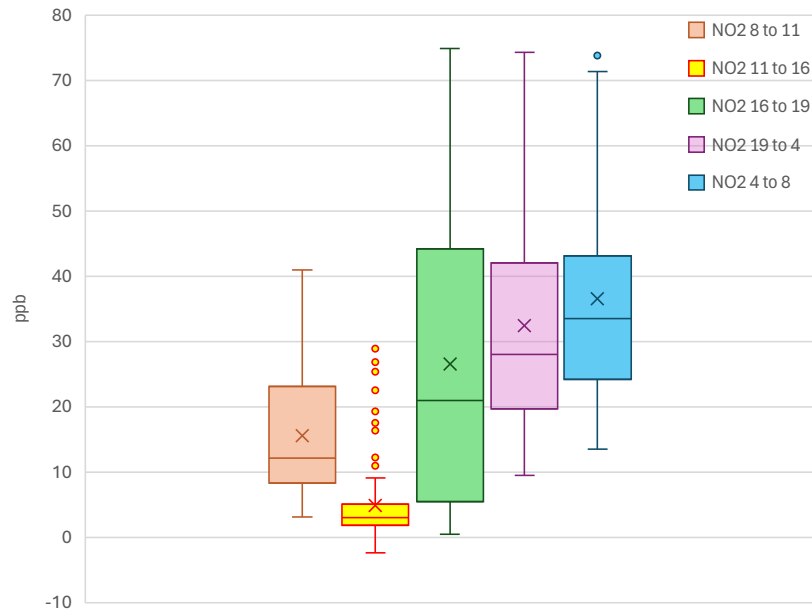
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



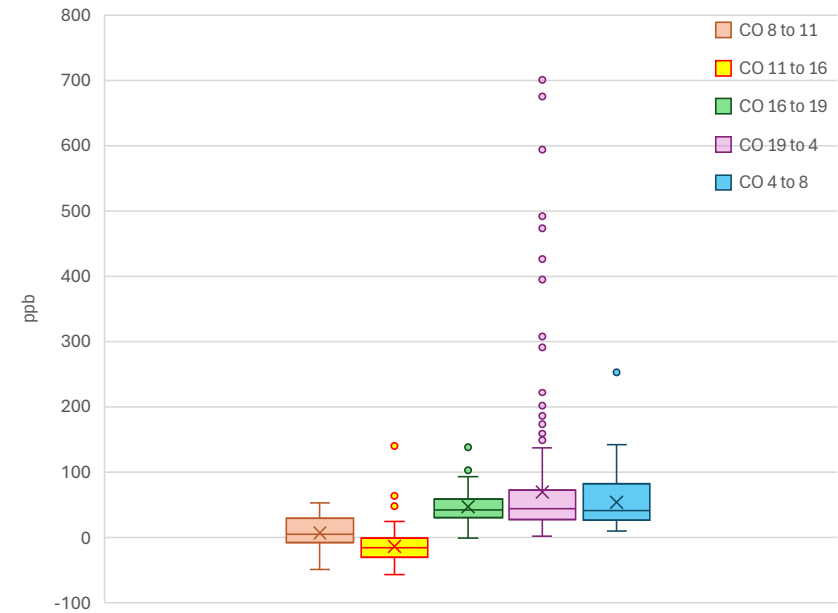
Hourly concentration distribution

NO₂ hourly distribution



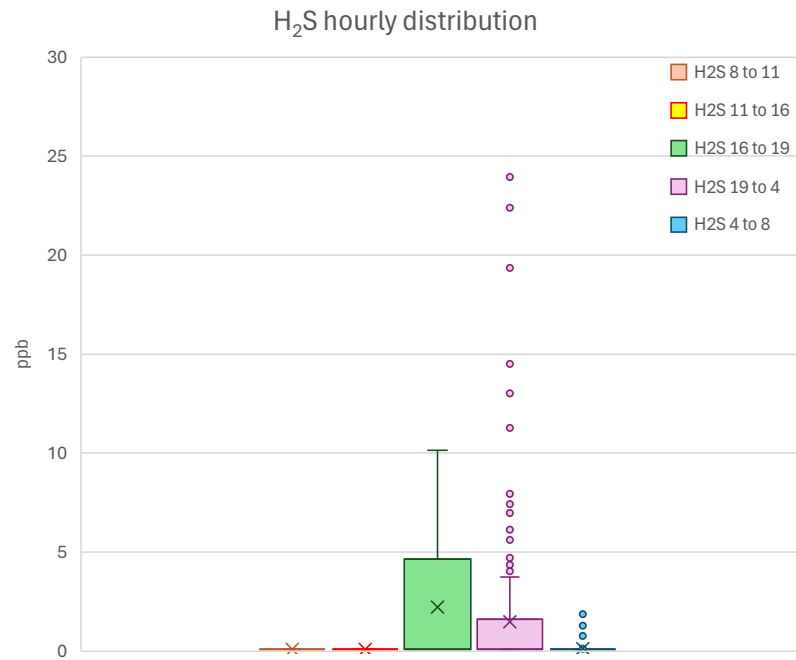
ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	36.5	33.4	24.2	43.1	13.5	73.8	112
NO ₂ 8 to 11	15.6	12.1	8.3	23.1	3.1	41.0	84
NO ₂ 11 to 16	4.8	3.0	1.8	5.0	-2.4	29.4	140
NO ₂ 16 to 19	26.5	20.9	5.4	44.2	0.4	74.9	84
NO ₂ 19 to 4	32.4	28.0	19.6	42.0	9.4	74.2	252

CO hourly distribution

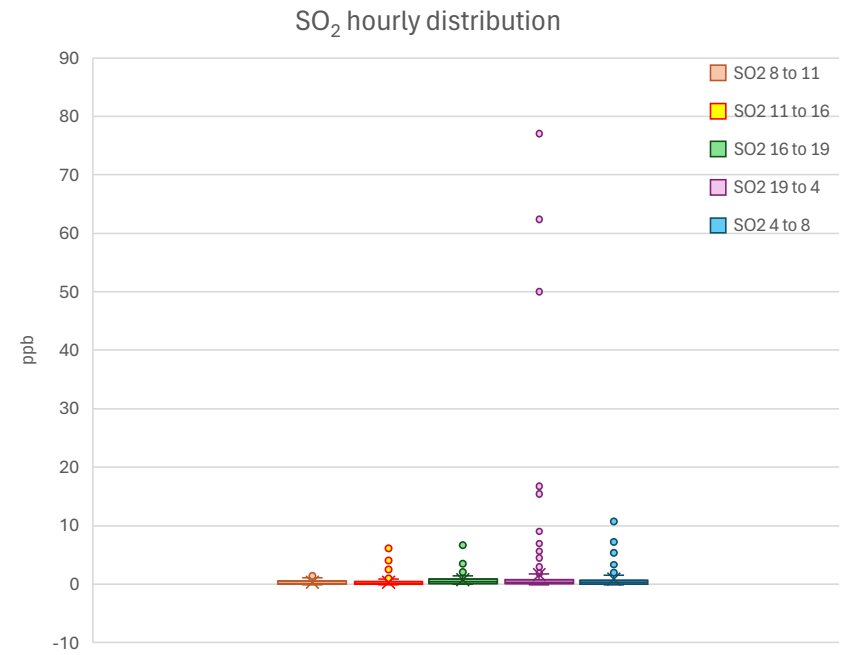


ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	53.4	41.3	26.8	82.0	9.3	252.3	112
CO 8 to 11	6.8	4.4	-7.5	29.4	-49.4	53.0	84
CO 11 to 16	-13.9	-16.2	-30.7	-0.9	-56.8	140.2	140
CO 16 to 19	47.1	42.2	30.4	58.9	-0.7	144.4	84
CO 19 to 4	69.7	44.3	26.7	72.4	1.9	700.7	252

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	0.1	140
H ₂ S 16 to 19	2.2	0.1	0.1	4.7	0.1	10.1	84
H ₂ S 19 to 4	1.5	0.1	0.1	1.6	0.1	23.9	252

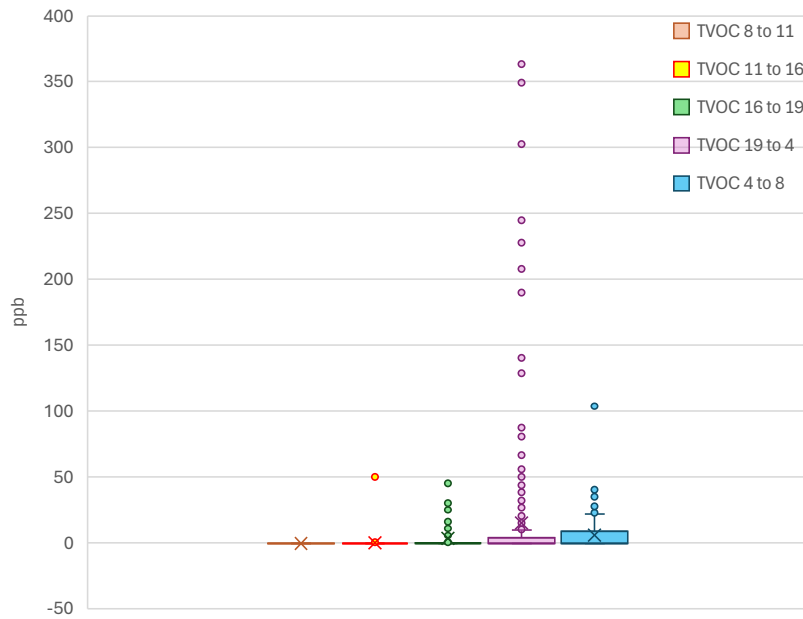


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	0.9	0.3	0.0	0.7	-0.1	11.4	112
SO ₂ 8 to 11	0.3	0.1	0.0	0.5	-0.1	2.1	84
SO ₂ 11 to 16	0.4	0.1	0.0	0.4	-0.1	6.1	140
SO ₂ 16 to 19	0.7	0.4	0.1	0.9	0.0	6.7	84
SO ₂ 19 to 4	1.6	0.4	0.1	0.8	-0.1	77.0	252

H₂S data is not referenced and calibrated against regulatory monitor

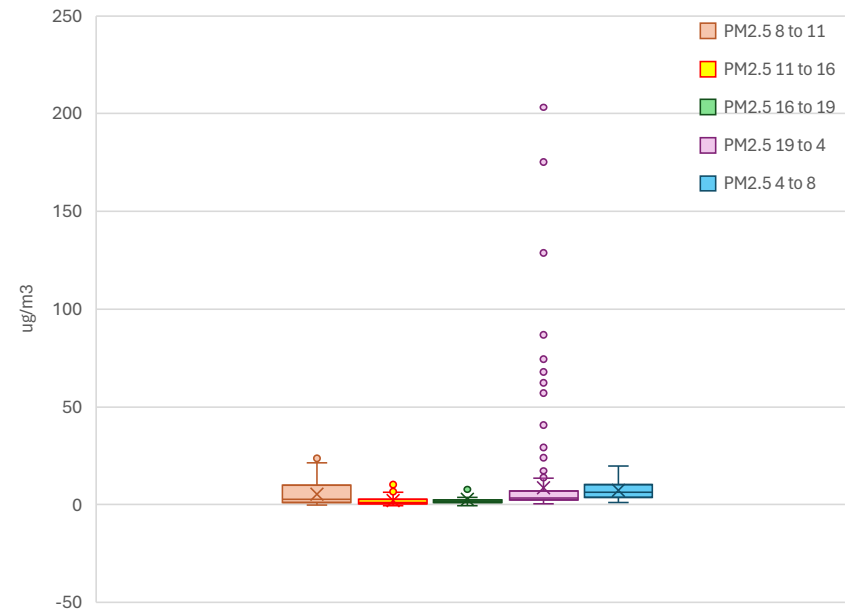
Hourly concentration distribution

TVOC hourly distribution



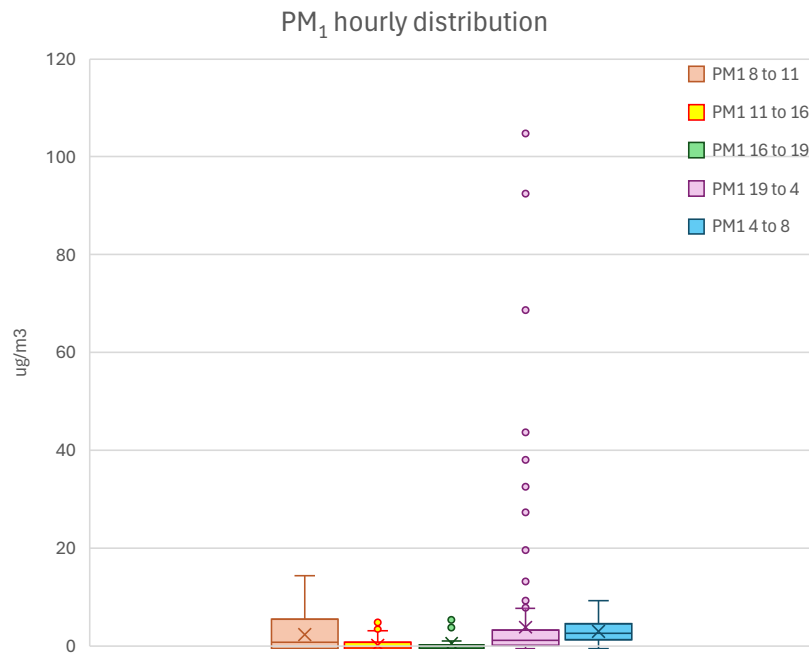
ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	5.9	-0.5	-0.5	8.5	-0.5	103.7	112
TVOC 8 to 11	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	84
TVOC 11 to 16	-0.1	-0.5	-0.5	-0.5	-0.5	50.0	140
TVOC 16 to 19	3.2	-0.5	-0.5	-0.2	-0.5	47.8	84
TVOC 19 to 4	15.1	-0.5	-0.5	3.6	-0.5	363.1	252

PM_{2.5} hourly distribution

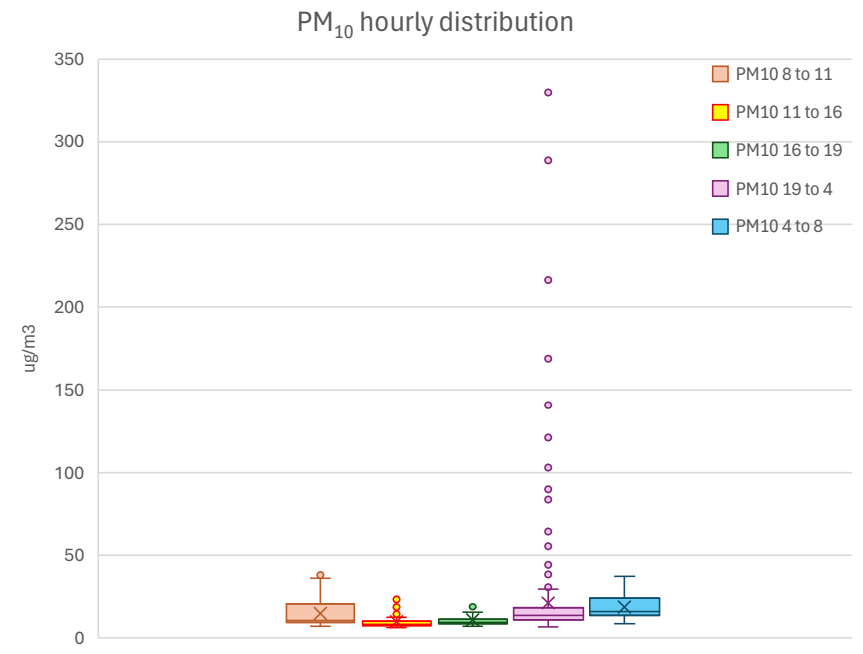


ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	7.4	6.3	3.8	10.4	1.3	19.8	112
PM _{2.5} 8 to 11	5.4	2.8	1.1	10.0	-0.2	23.8	84
PM _{2.5} 11 to 16	2.1	1.1	0.3	2.7	-0.6	10.7	140
PM _{2.5} 16 to 19	2.6	1.6	1.1	2.4	-0.5	10.7	84
PM _{2.5} 19 to 4	8.7	3.4	2.4	7.1	0.4	203.2	252

Hourly concentration distribution



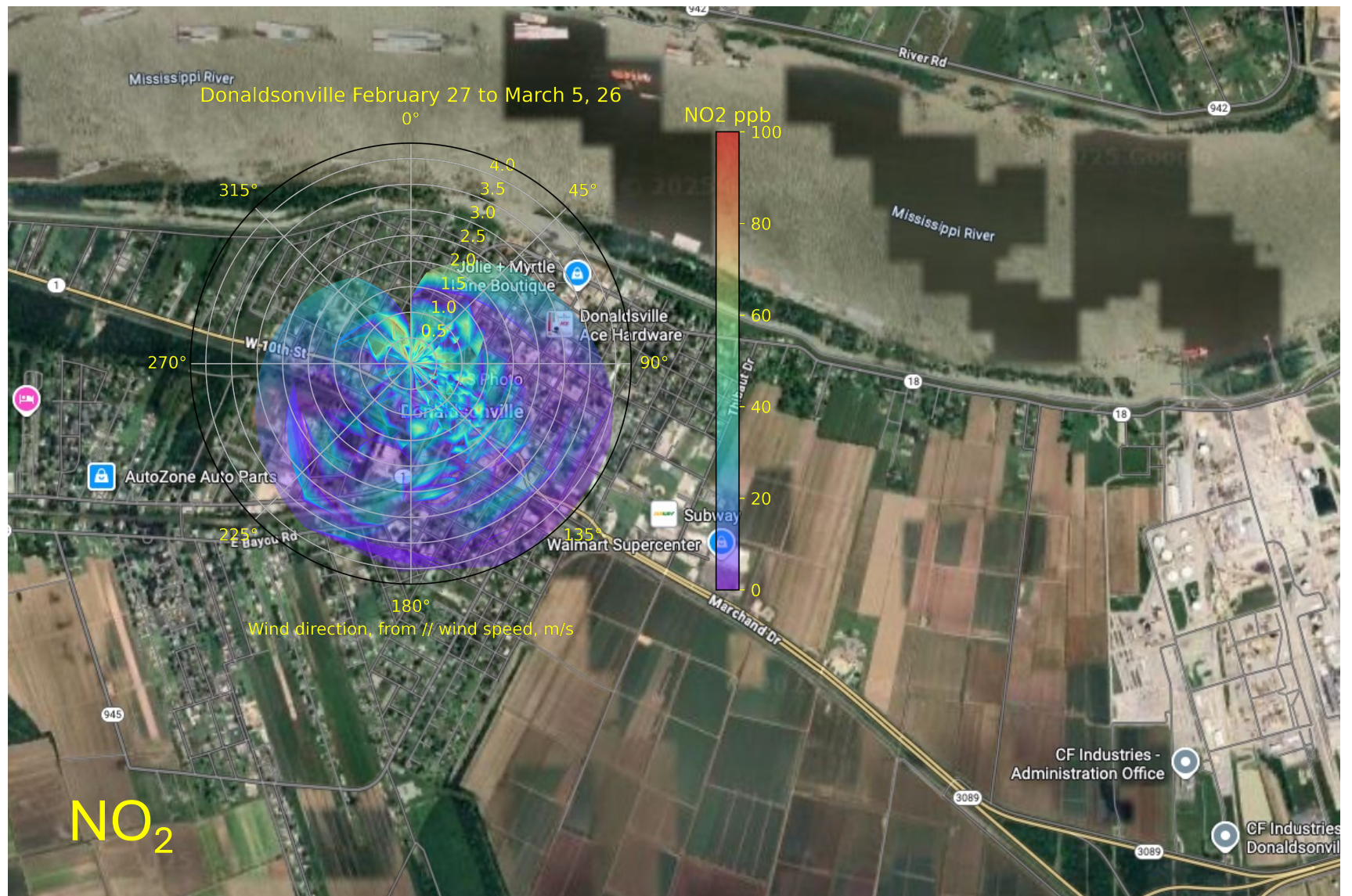
ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	3.1	2.7	1.3	4.6	-0.4	9.4	112
PM ₁ 8 to 11	2.4	0.8	-0.5	5.5	-1.3	14.4	84
PM ₁ 11 to 16	0.2	-0.4	-1.0	0.8	-1.6	6.0	140
PM ₁ 16 to 19	0.5	-0.1	-0.4	0.3	-1.6	5.6	84
PM ₁ 19 to 4	3.9	1.2	0.2	3.3	-0.5	104.8	252



ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	18.9	16.2	13.7	24.3	8.7	37.4	112
PM ₁₀ 8 to 11	14.9	10.7	9.5	20.6	7.0	38.0	84
PM ₁₀ 11 to 16	9.9	8.5	7.7	10.1	6.4	23.3	140
PM ₁₀ 16 to 19	11.1	9.5	8.6	11.5	7.0	22.5	84
PM ₁₀ 19 to 4	21.3	13.7	10.8	18.5	6.8	329.7	252

PM₁ data is not referenced and calibrated against regulatory monitor



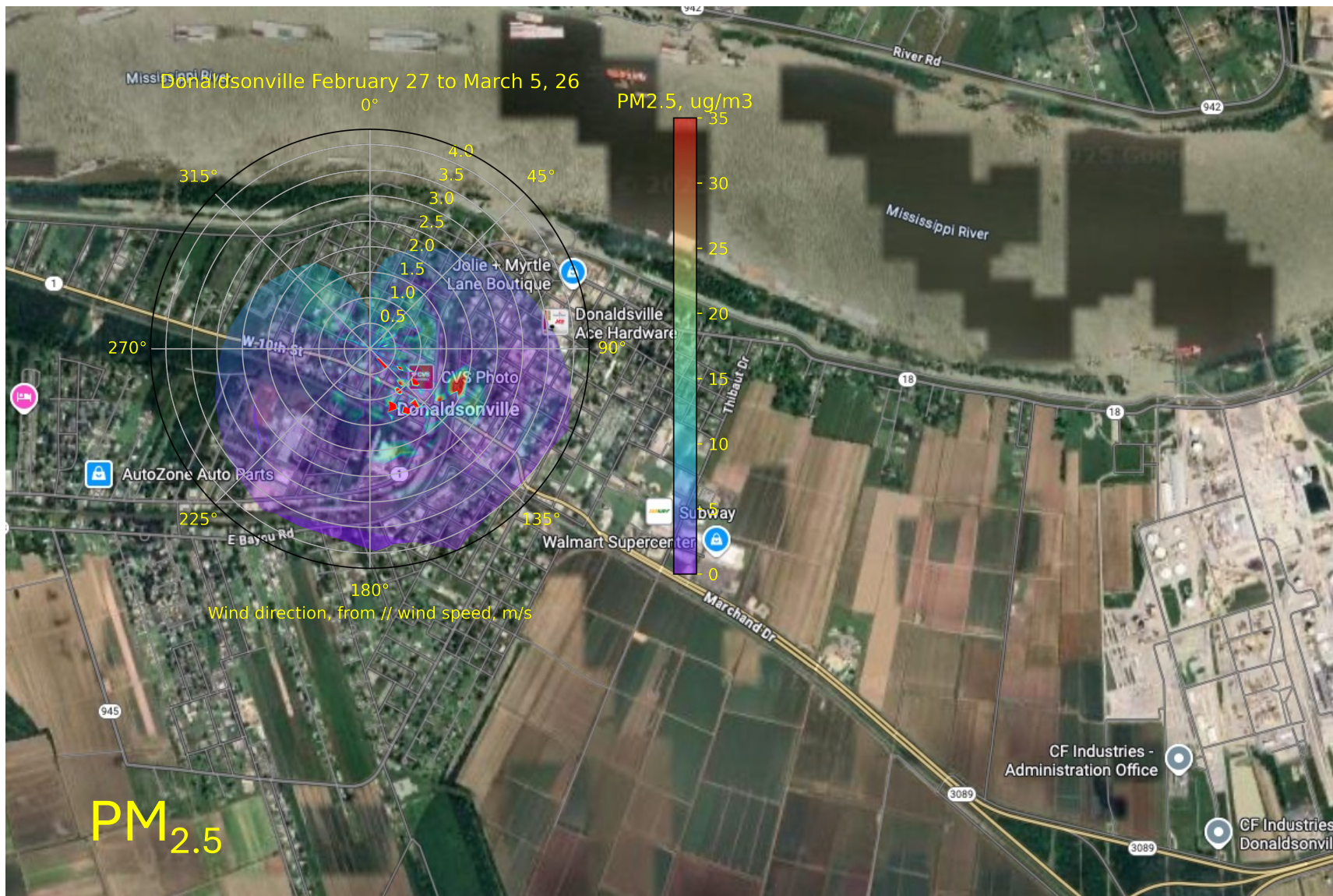














Donaldsonville POD 2/27-3/05



- 2 major directions of air pollutants in separate events
- TVOC and PM_{2.5} from South-East-East
- TVOCs also from North-East direction