

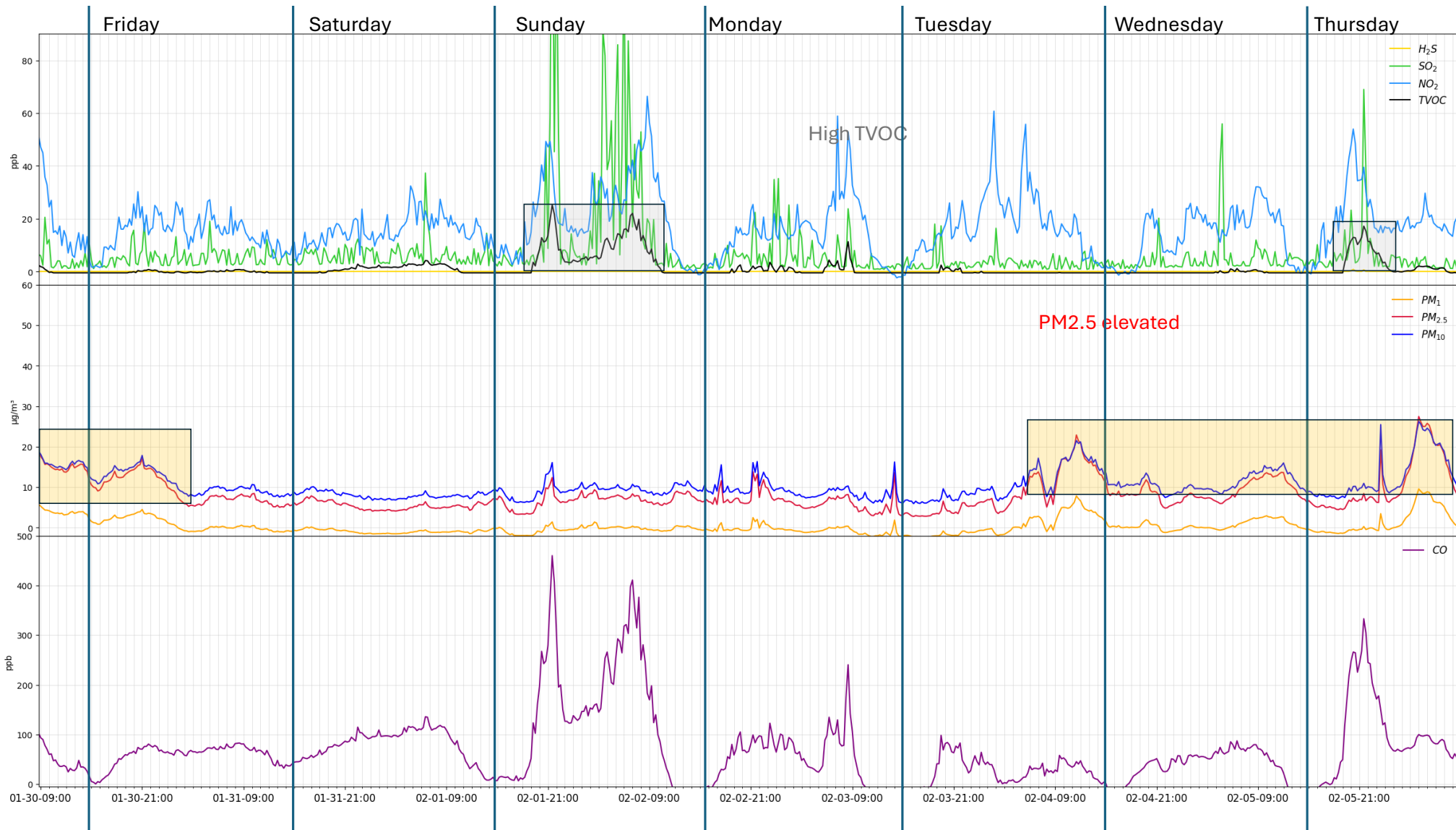
Donaldsonville POD

January 30 – February 5, 2026

Disclaimer

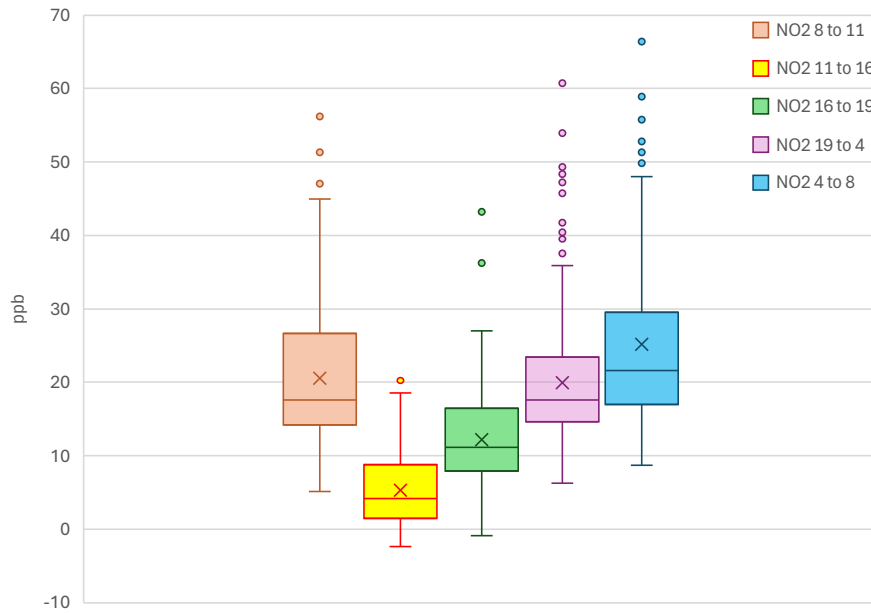
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



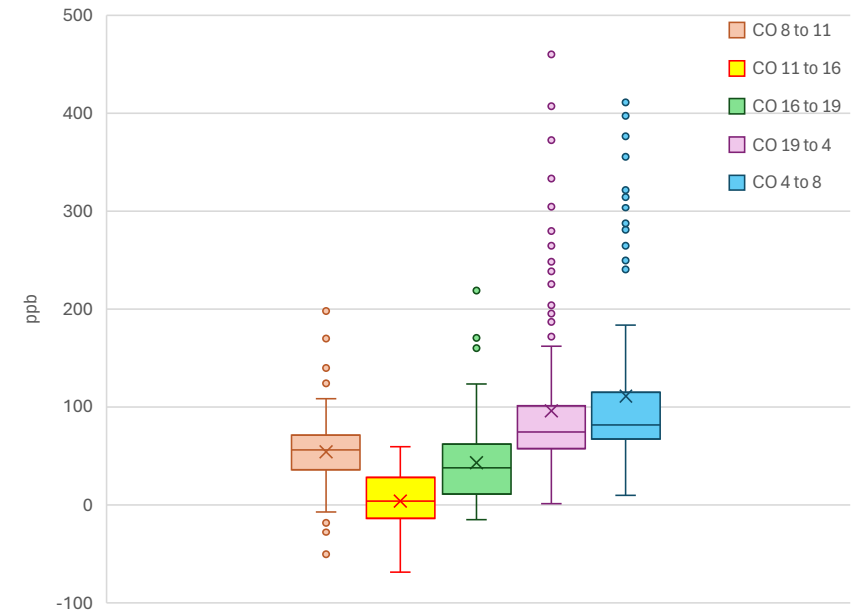
Hourly concentration distribution

NO₂ hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	25.1	21.6	17.0	29.5	8.7	66.4	112
NO ₂ 8 to 11	20.5	17.6	14.2	26.7	5.1	56.2	84
NO ₂ 11 to 16	5.3	4.2	1.5	8.7	-2.3	20.2	140
NO ₂ 16 to 19	12.2	11.1	7.9	16.5	-0.9	43.2	84
NO ₂ 19 to 4	19.9	17.6	14.6	23.6	6.3	60.8	252

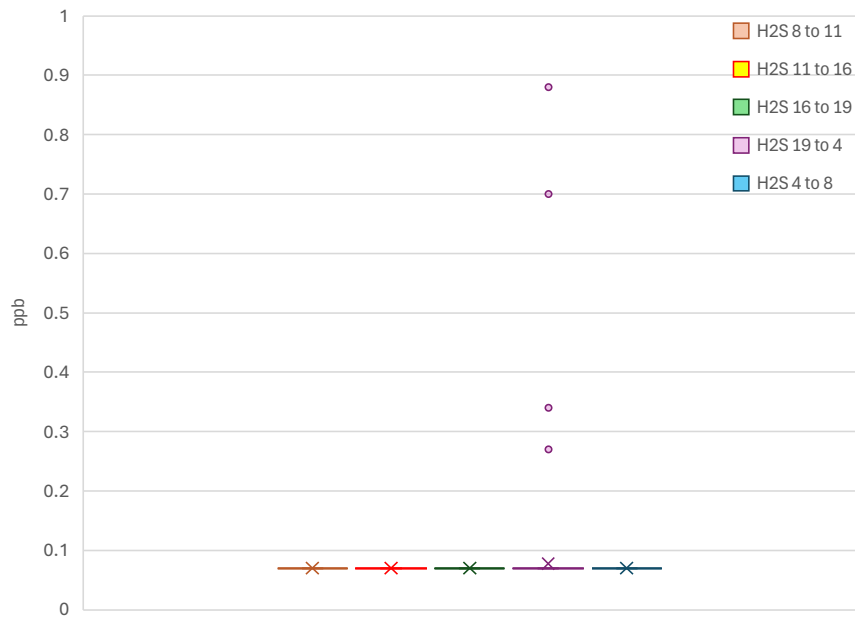
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	110.9	81.7	67.3	115.2	9.8	410.9	112
CO 8 to 11	54.1	56.0	36.0	71.1	-50.3	198.2	84
CO 11 to 16	3.9	4.1	-13.7	28.0	-68.9	59.1	140
CO 16 to 19	43.1	38.1	11.1	62.2	-15.2	218.5	84
CO 19 to 4	95.9	74.1	57.4	101.3	0.9	460.1	252

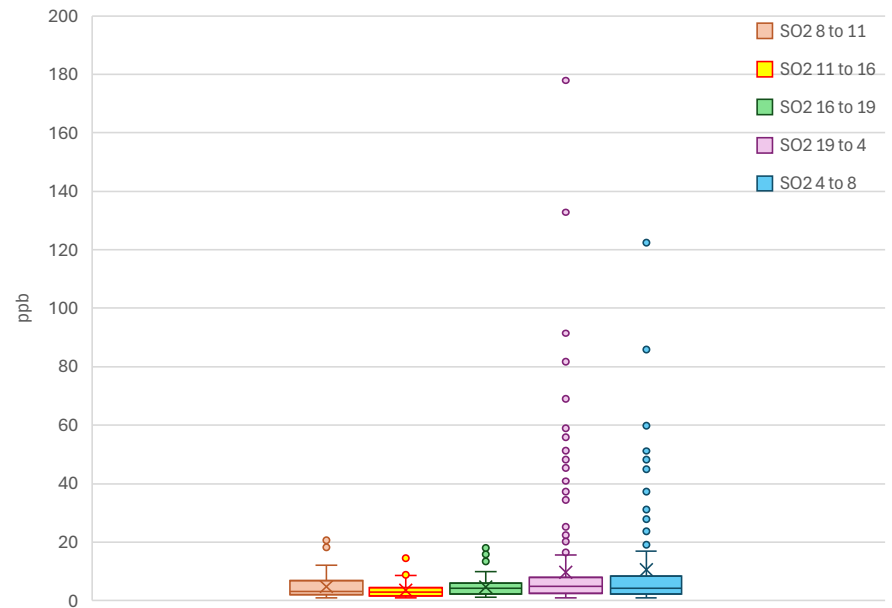
Hourly concentration distribution

H₂S hourly 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	0.1	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	0.1	0.1	0.1	0.1	0.1	0.1	84
H ₂ S 19 to 4	0.1	0.1	0.1	0.1	0.1	0.9	252

SO₂ hourly distribution

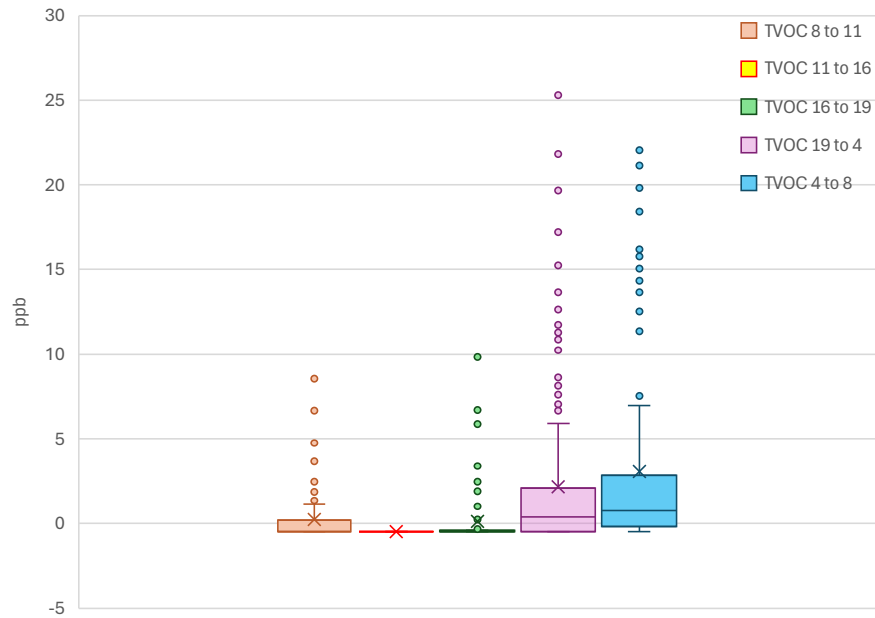


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	10.5	4.2	2.2	8.4	0.9	122.5	112
SO ₂ 8 to 11	4.8	3.1	2.1	6.9	0.8	20.6	84
SO ₂ 11 to 16	3.5	2.8	1.7	4.5	0.9	14.5	140
SO ₂ 16 to 19	4.7	4.2	2.2	6.0	1.1	18.0	84
SO ₂ 19 to 4	9.7	4.9	2.5	8.1	1.0	177.9	252

H₂S data is not referenced and calibrated against regulatory monitor

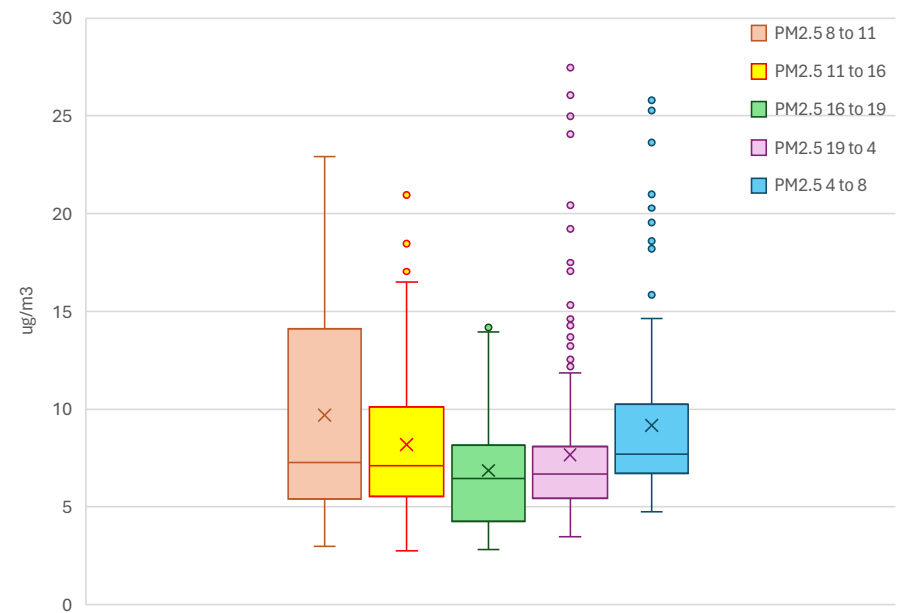
Hourly concentration distribution

TVOC hourly distribution



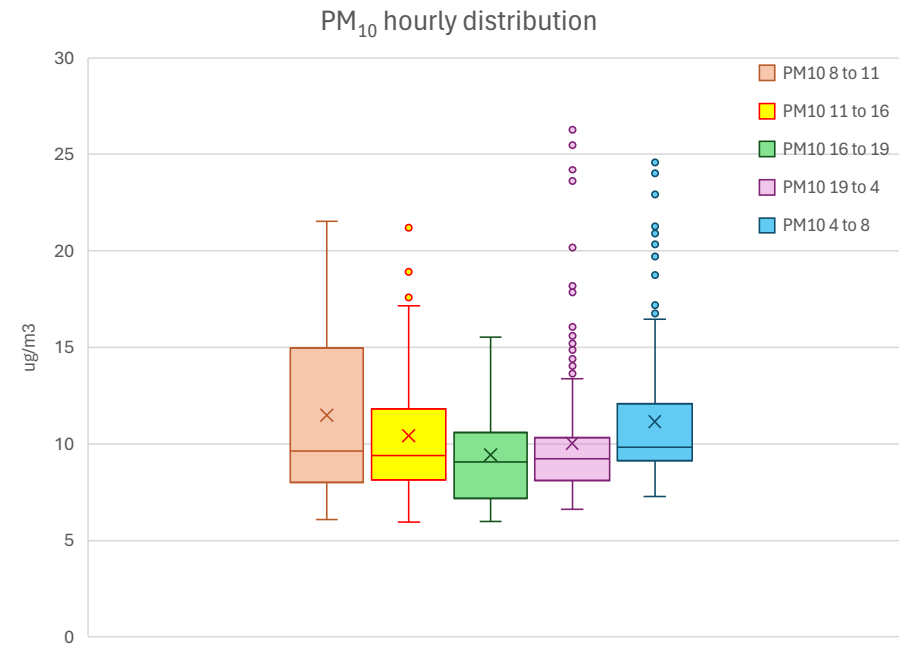
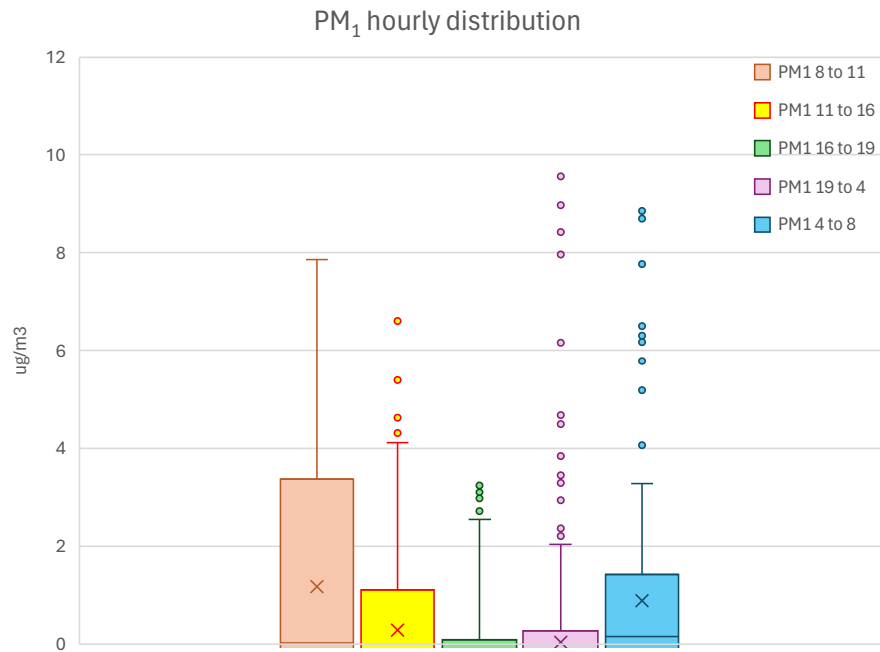
ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	3.1	0.8	-0.2	2.9	-0.5	22.1	112
TVOC 8 to 11	0.2	-0.5	-0.5	0.2	-0.5	8.5	84
TVOC 11 to 16	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	140
TVOC 16 to 19	0.1	-0.5	-0.5	-0.4	-0.5	9.8	84
TVOC 19 to 4	2.2	0.4	-0.5	2.1	-0.5	25.3	252

PM_{2.5} hourly distribution



ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	9.2	7.7	6.7	10.3	4.8	25.8	112
PM _{2.5} 8 to 11	9.7	7.3	5.4	14.1	3.0	22.9	84
PM _{2.5} 11 to 16	8.2	7.1	5.5	10.1	2.8	20.9	140
PM _{2.5} 16 to 19	6.9	6.5	4.3	8.2	2.8	14.2	84
PM _{2.5} 19 to 4	7.7	6.7	5.4	8.1	3.5	27.5	252

Hourly concentration distribution



ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	0.9	0.2	-0.3	1.4	-1.2	8.9	112
PM ₁ 8 to 11	1.2	0.0	-0.9	3.4	-2.2	7.9	84
PM ₁ 11 to 16	0.3	-0.3	-0.9	1.1	-2.2	6.6	140
PM ₁ 16 to 19	-0.4	-0.5	-1.6	0.1	-2.3	3.3	84
PM ₁ 19 to 4	0.0	-0.5	-1.0	0.3	-2.0	9.6	252

ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	11.2	9.8	9.1	12.1	7.3	24.6	112
PM ₁₀ 8 to 11	11.5	9.6	8.0	15.0	6.1	21.5	84
PM ₁₀ 11 to 16	10.4	9.4	8.1	11.8	5.9	21.2	140
PM ₁₀ 16 to 19	9.4	9.1	7.2	10.6	6.0	15.5	84
PM ₁₀ 19 to 4	10.0	9.2	8.1	10.3	6.6	26.3	252

PM₁ data is not referenced and calibrated against regulatory monitor

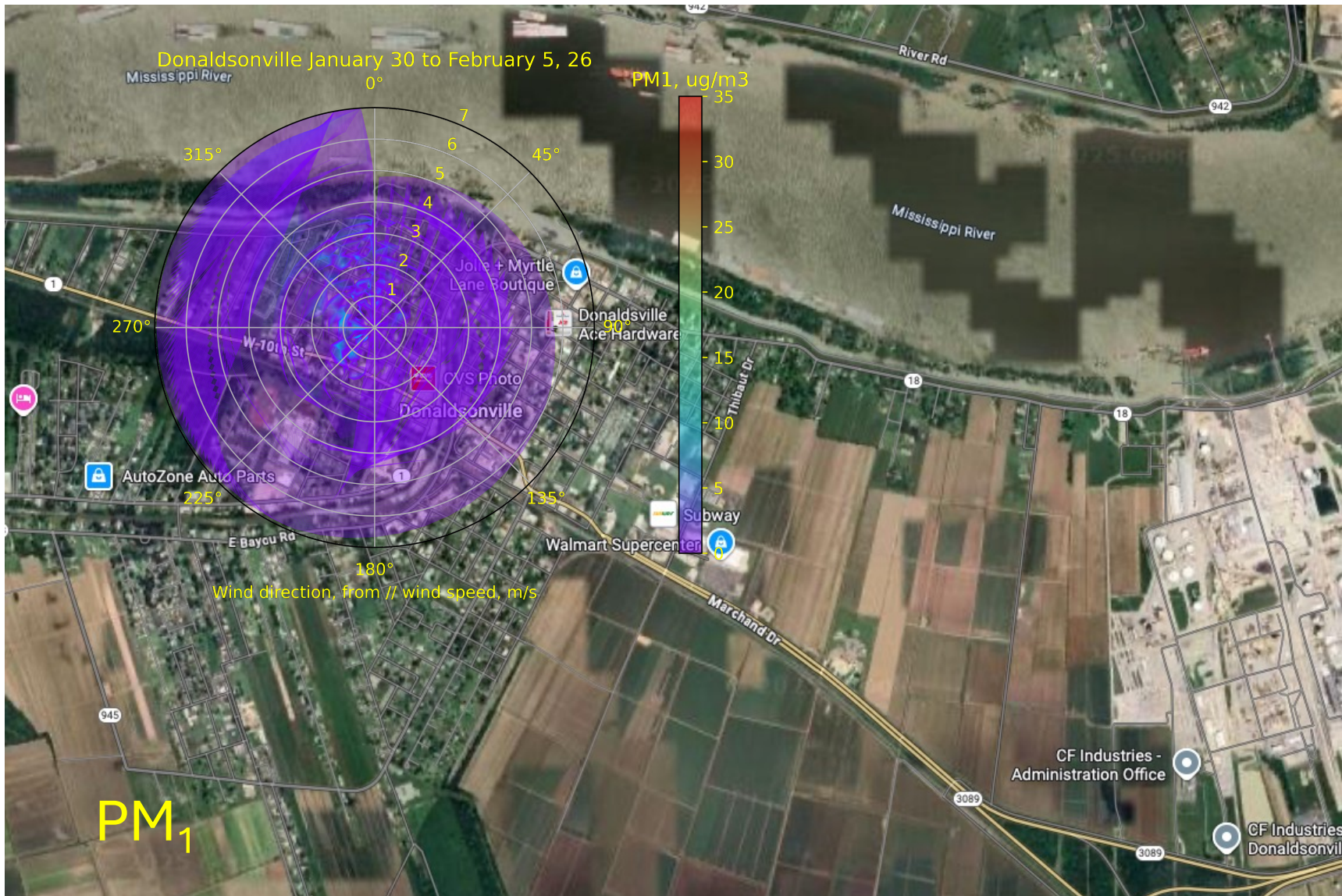


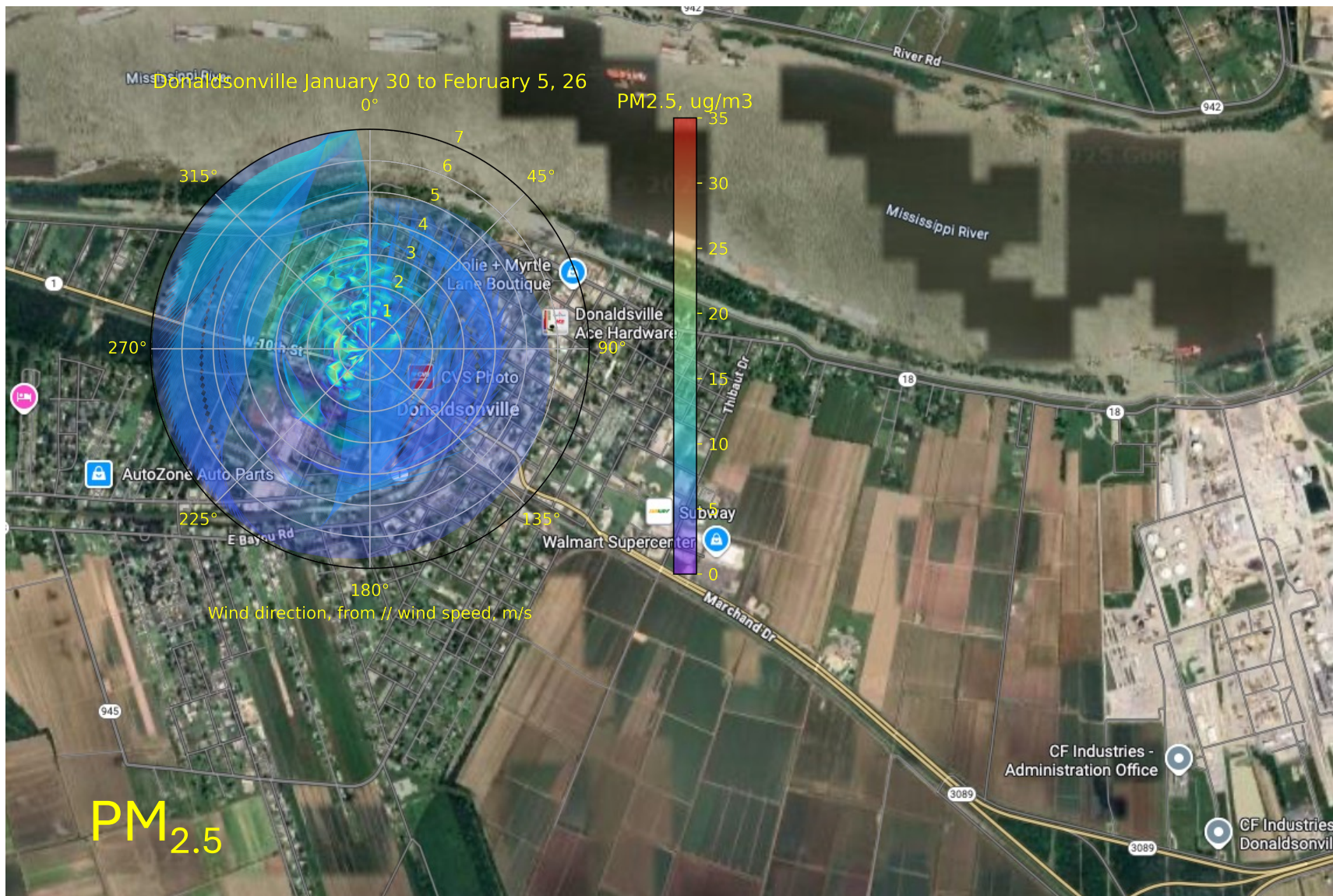














Donaldsonville POD 1/30-2/5



- Week marked by PM_{2.5} elevation, including median value at morning hours exceeding $9 \mu\text{g}/\text{m}^3$
- Source is directional from South West (closer) and north West (more distant).