

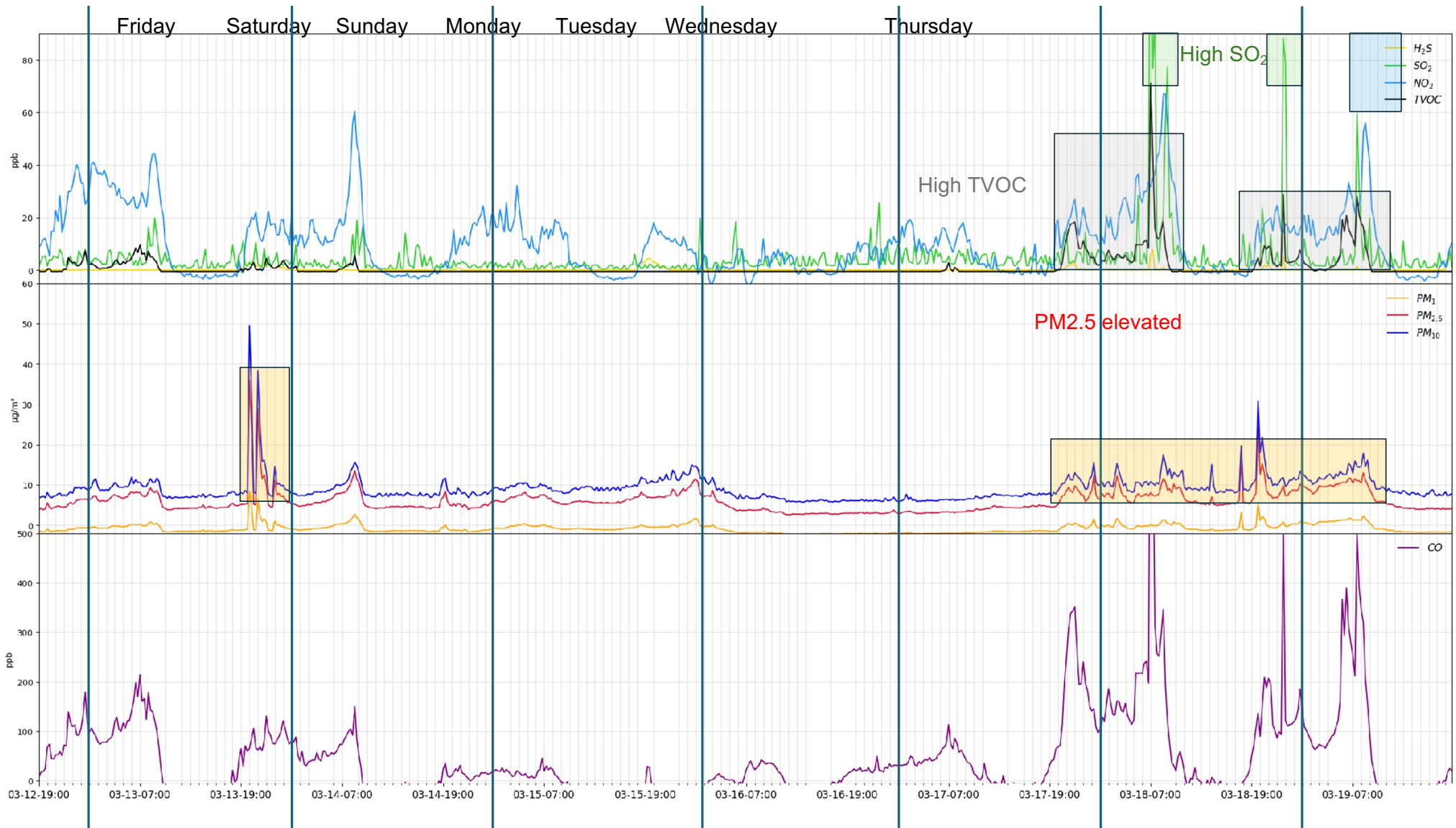
Donaldsonville POD

March 13 – March 19, 2026

Disclaimer

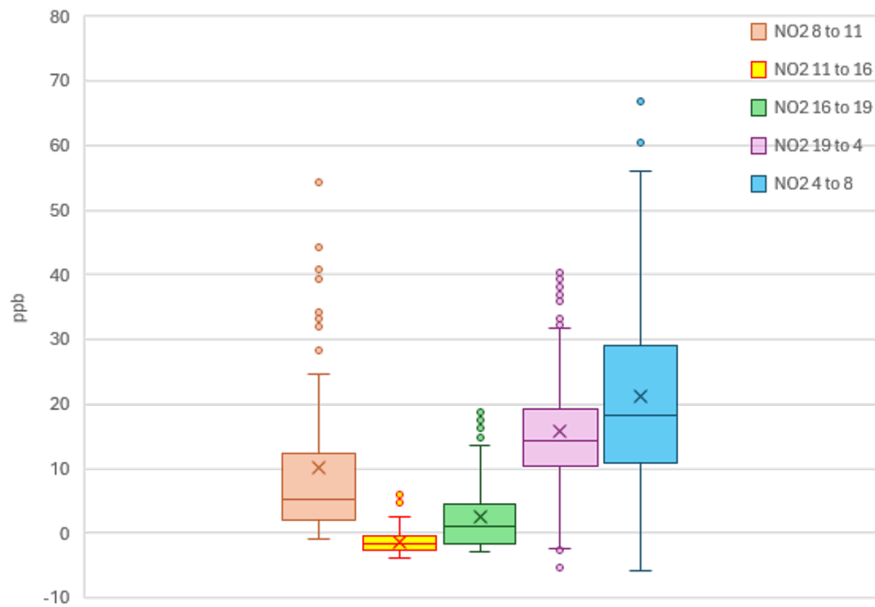
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



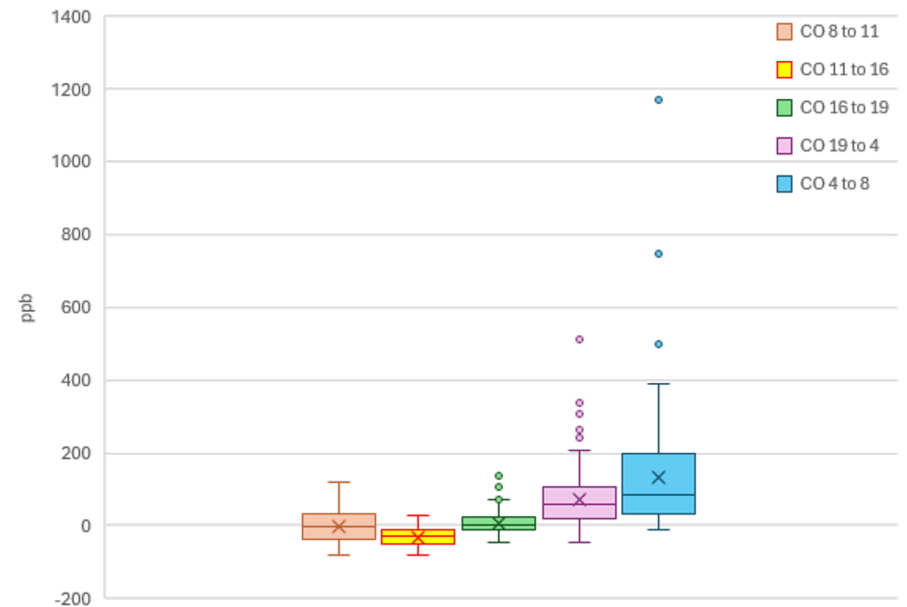
Hourly concentration distribution

NO₂ hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO ₂ 4 to 8	21.2	18.1	10.9	29.1	-5.7	67.0	112
NO ₂ 8 to 11	10.0	5.3	2.1	12.3	-0.9	54.3	84
NO ₂ 11 to 16	-1.3	-1.6	-2.6	-0.4	-3.9	5.9	140
NO ₂ 16 to 19	2.6	1.1	-1.5	4.6	-2.9	18.9	84
NO ₂ 19 to 4	15.7	14.2	10.4	19.2	-5.3	40.9	252

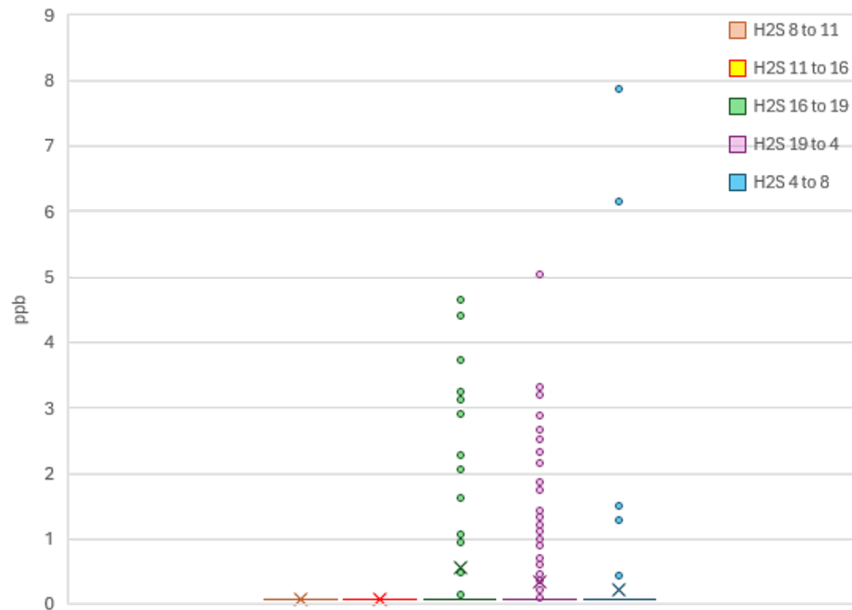
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	132.4	82.9	31.7	196.3	-9.5	1170.3	112
CO 8 to 11	-1.2	-2.0	-37.1	32.7	-80.6	118.7	84
CO 11 to 16	-32.7	-29.5	-50.6	-11.8	-81.8	25.9	140
CO 16 to 19	7.9	-0.4	-10.1	22.4	-44.1	136.6	84
CO 19 to 4	69.6	59.1	17.8	105.5	-45.1	511.0	252

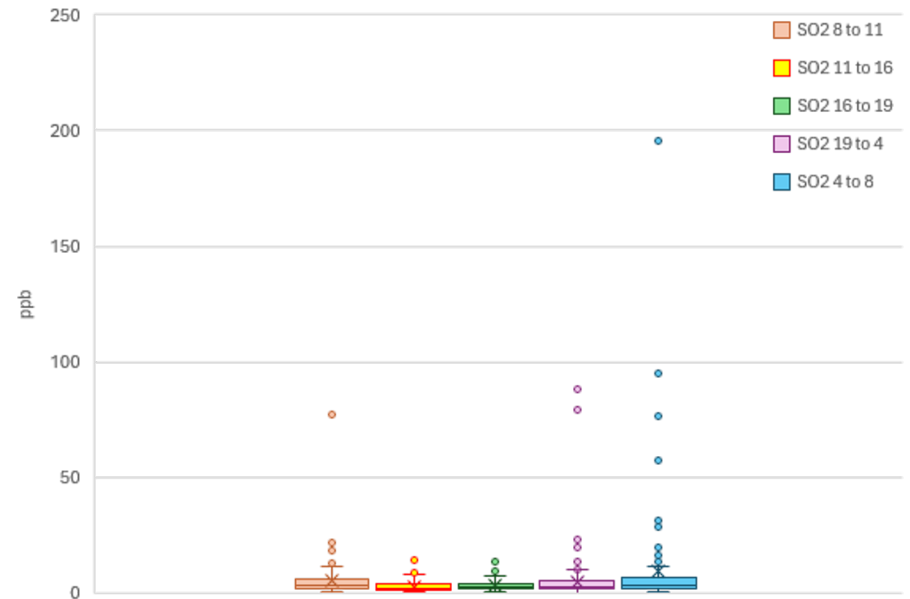
Hourly concentration distribution

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	7.9	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	0.6	0.1	0.1	0.1	0.1	4.7	84
H ₂ S 19 to 4	0.3	0.1	0.1	0.1	0.1	5.1	252

SO₂ hourly distribution

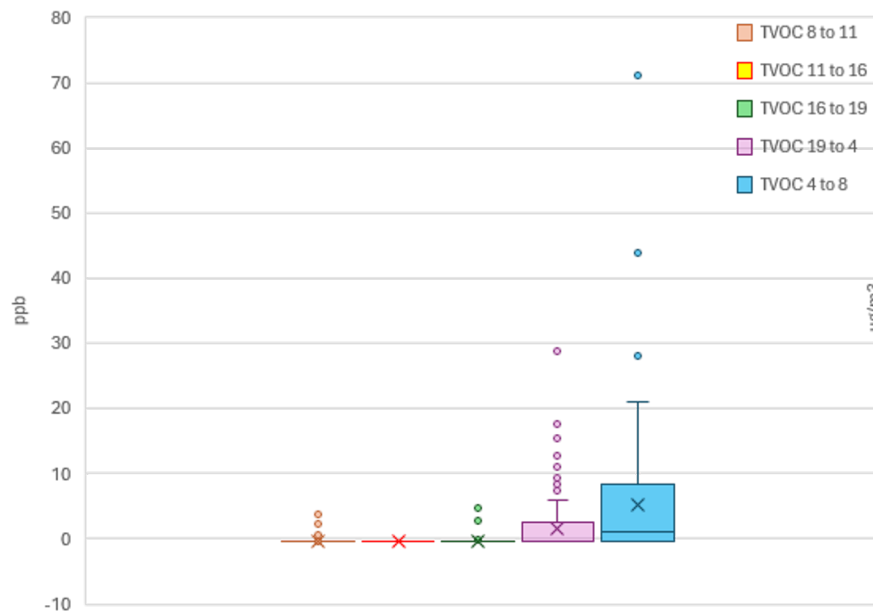


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO ₂ 4 to 8	9.4	3.2	1.9	6.5	0.5	195.4	112
SO ₂ 8 to 11	5.2	3.0	1.8	5.7	0.3	77.3	84
SO ₂ 11 to 16	2.7	1.8	1.1	3.8	0.5	14.1	140
SO ₂ 16 to 19	3.3	2.4	1.7	4.2	0.6	13.7	84
SO ₂ 19 to 4	4.5	2.6	1.8	5.1	0.2	87.9	252

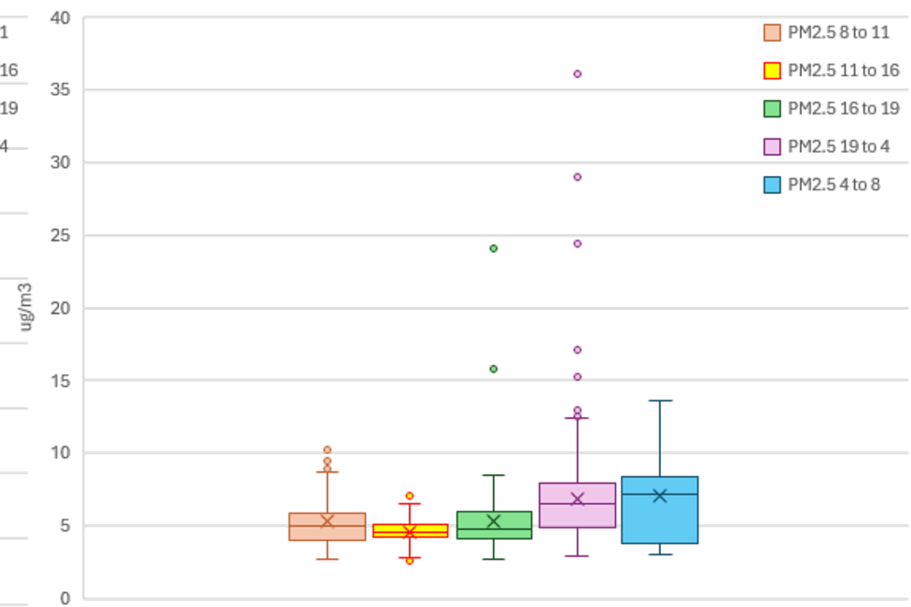
H₂S data is not referenced and calibrated against regulatory monitor

Hourly concentration distribution

TVOC hourly distribution



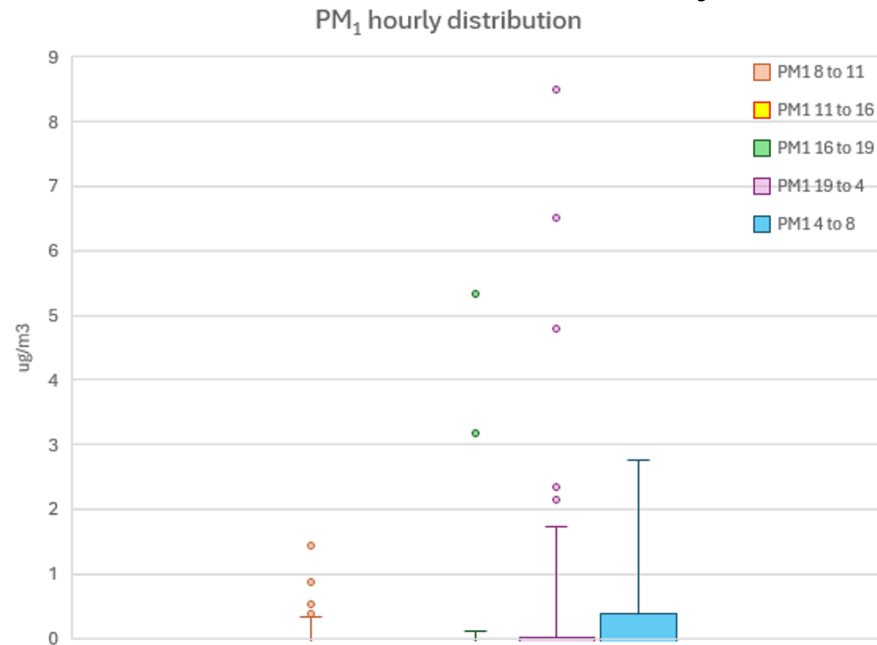
PM_{2.5} hourly distribution



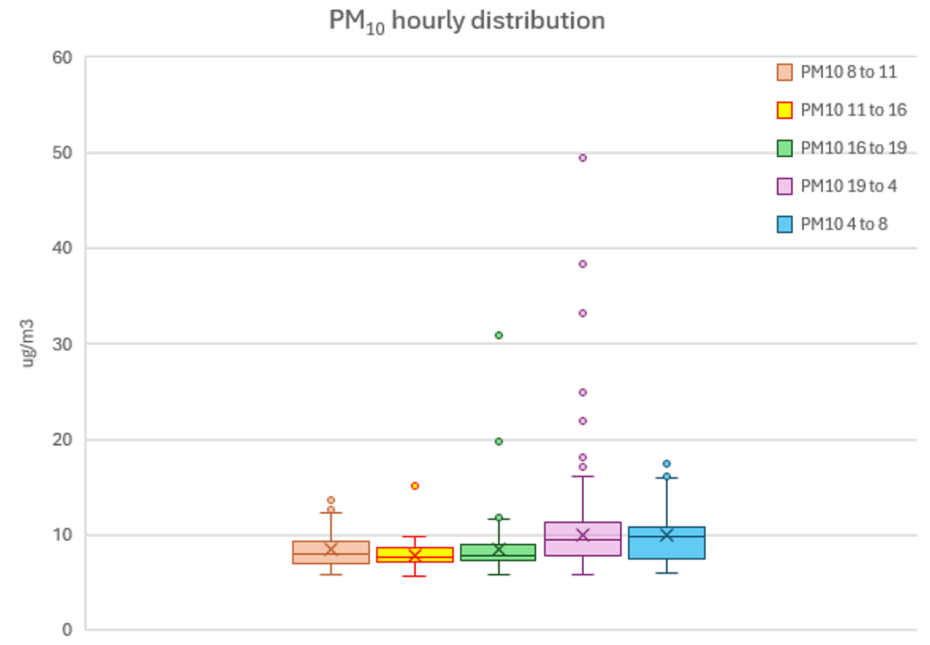
ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	5.1	1.1	-0.5	8.5	-0.5	71.2	112
TVOC 8 to 11	-0.3	-0.5	-0.5	-0.5	-0.5	-0.5	84
TVOC 11 to 16	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	140
TVOC 16 to 19	-0.3	-0.5	-0.5	-0.5	-0.5	4.7	84
TVOC 19 to 4	1.6	-0.4	-0.5	2.6	-0.5	28.8	252

ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM _{2.5} 4 to 8	7.0	7.2	3.8	8.4	3.0	13.6	112
PM _{2.5} 8 to 11	5.3	5.0	4.0	5.9	2.7	10.6	84
PM _{2.5} 11 to 16	4.5	4.5	4.2	5.1	2.6	7.0	140
PM _{2.5} 16 to 19	5.3	4.8	4.1	6.0	2.8	24.1	84
PM _{2.5} 19 to 4	6.8	6.5	4.9	7.9	2.9	36.1	252

Hourly concentration distribution



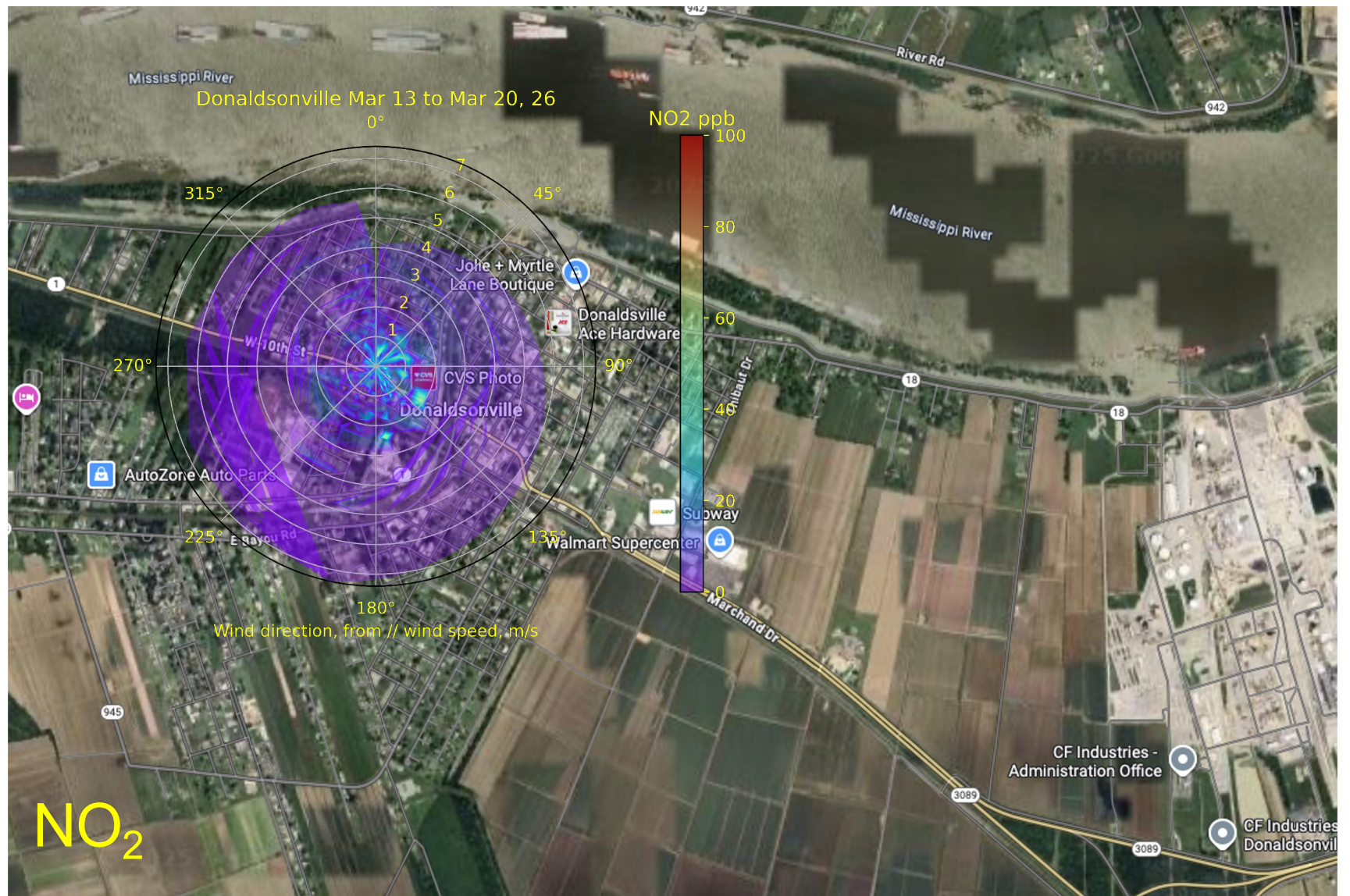
ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁ 4 to 8	-0.3	-0.1	-1.7	0.4	-2.1	2.8	112
PM ₁ 8 to 11	-1.1	-1.3	-1.7	-0.9	-2.3	1.4	84
PM ₁ 11 to 16	-1.5	-1.5	-1.6	-1.3	-2.3	-0.7	140
PM ₁ 16 to 19	-1.1	-1.4	-1.6	-0.9	-2.2	5.3	84
PM ₁ 19 to 4	-0.5	-0.6	-1.2	0.0	-2.2	8.5	252

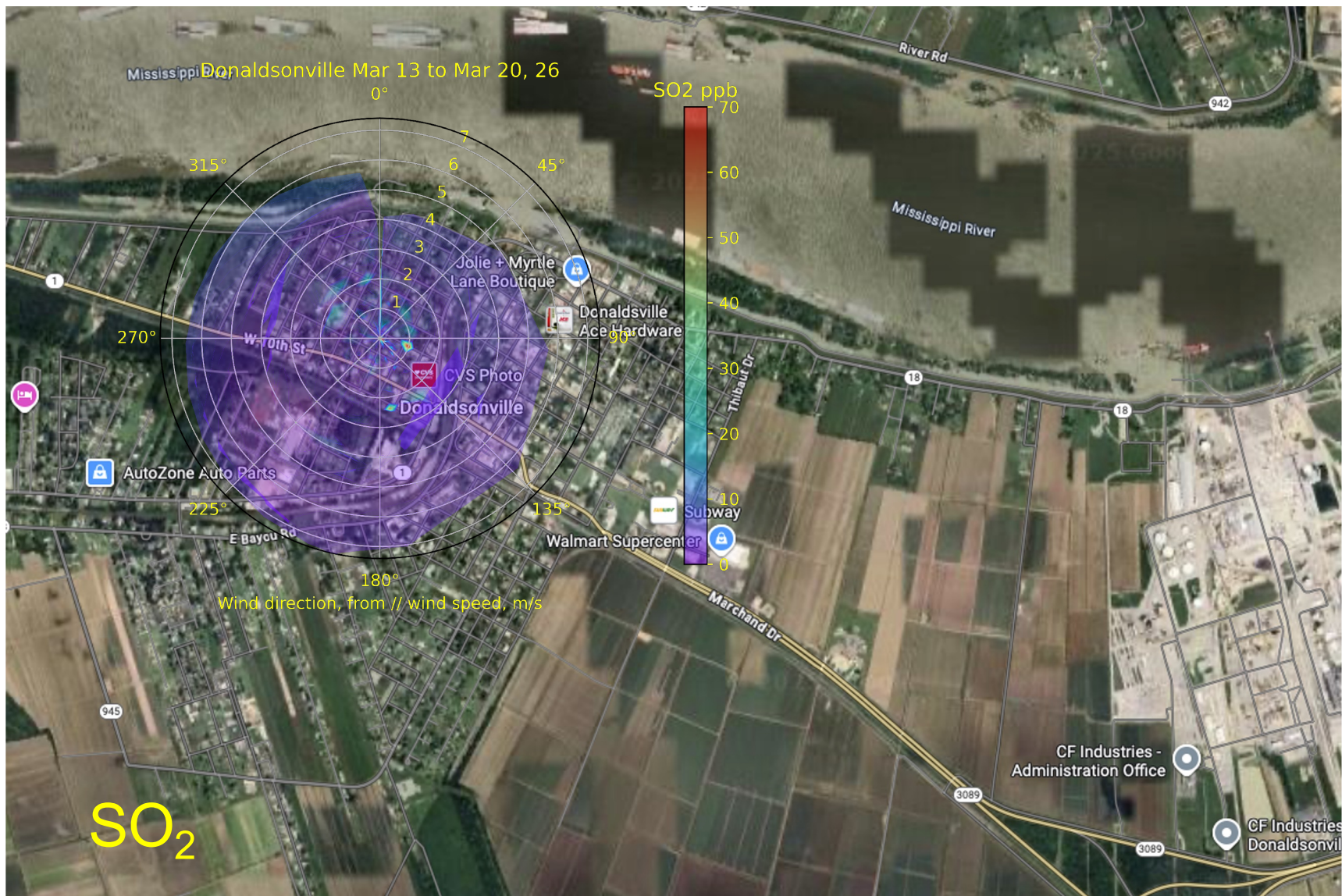


ug/m ³	Mean	Median	Q1	Q3	Min	Max	# points
PM ₁₀ 4 to 8	9.9	9.8	7.4	10.8	6.0	17.9	112
PM ₁₀ 8 to 11	8.5	7.9	7.0	9.2	5.9	14.0	84
PM ₁₀ 11 to 16	7.8	7.7	7.2	8.6	5.7	15.1	140
PM ₁₀ 16 to 19	8.6	7.9	7.3	9.0	5.8	30.8	84
PM ₁₀ 19 to 4	10.0	9.5	7.8	11.3	5.9	49.5	252

PM₁ data is not referenced and calibrated against regulatory monitor

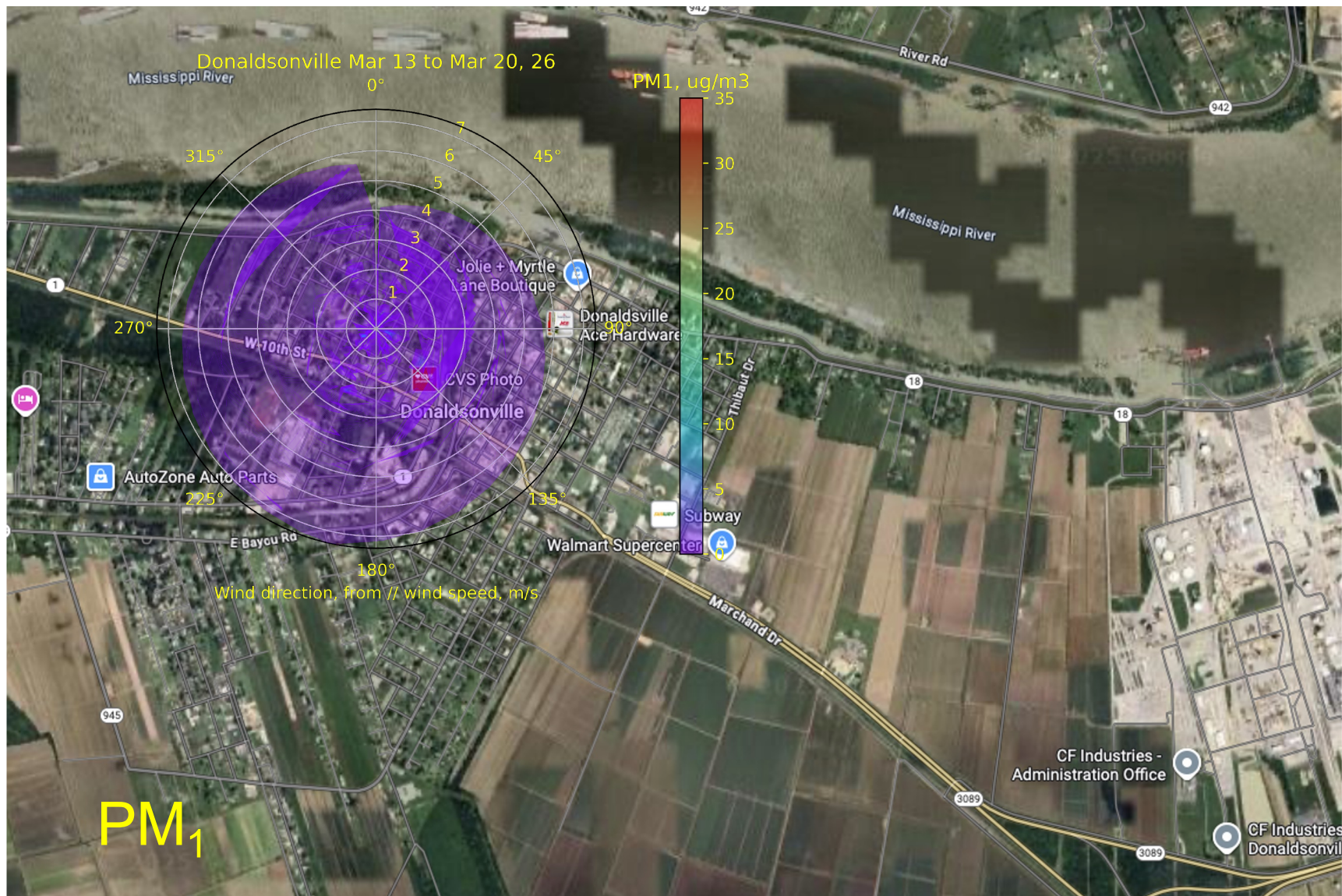


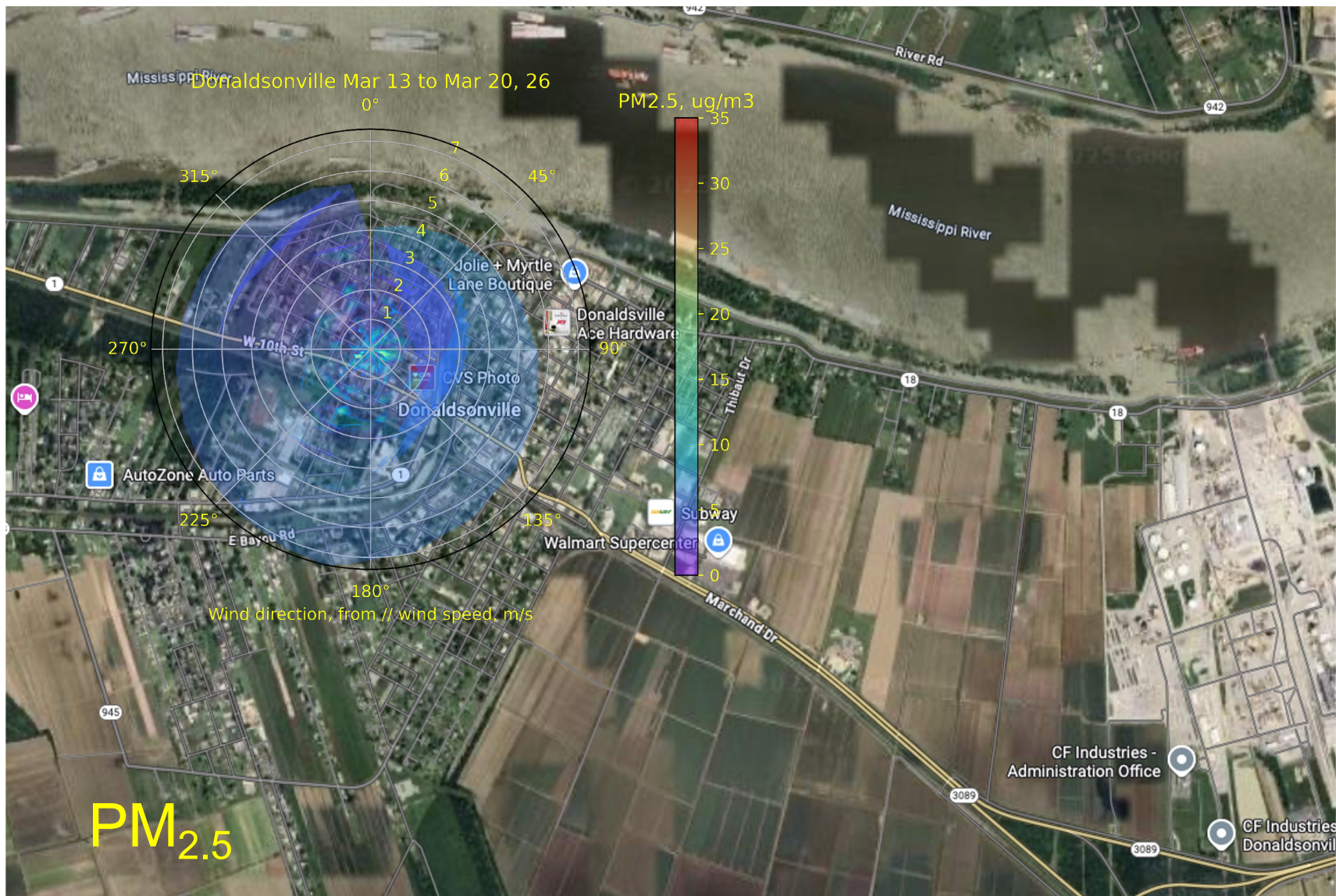














Donaldsonville POD 3/13-3/19



- An event with high SO_2 and related TVOCs, CO and $\text{PM}_{2.5}$ indicating a combustion source from East direction.