

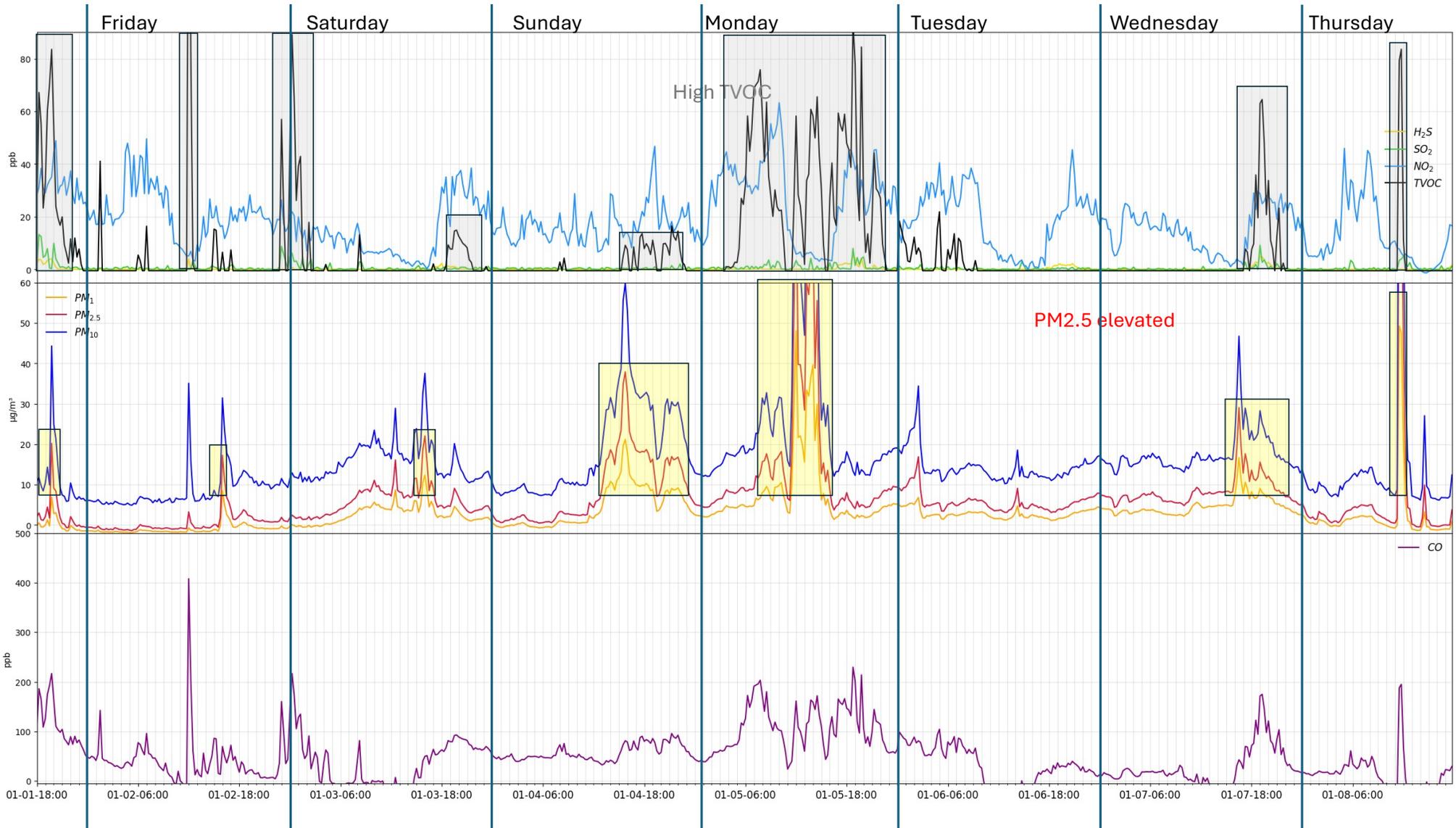
# Donaldsonville POD

Jan 2 – January 8, 2026

## *Disclaimer*

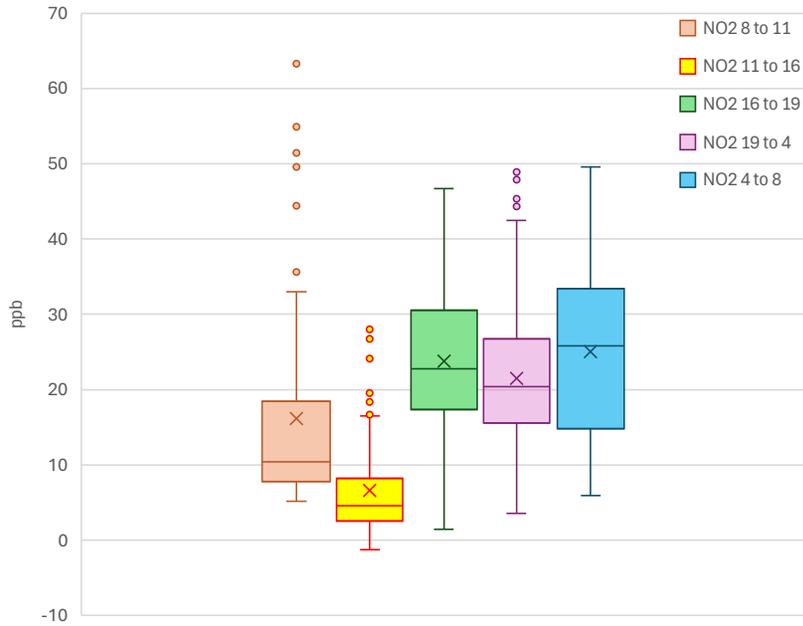
*The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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

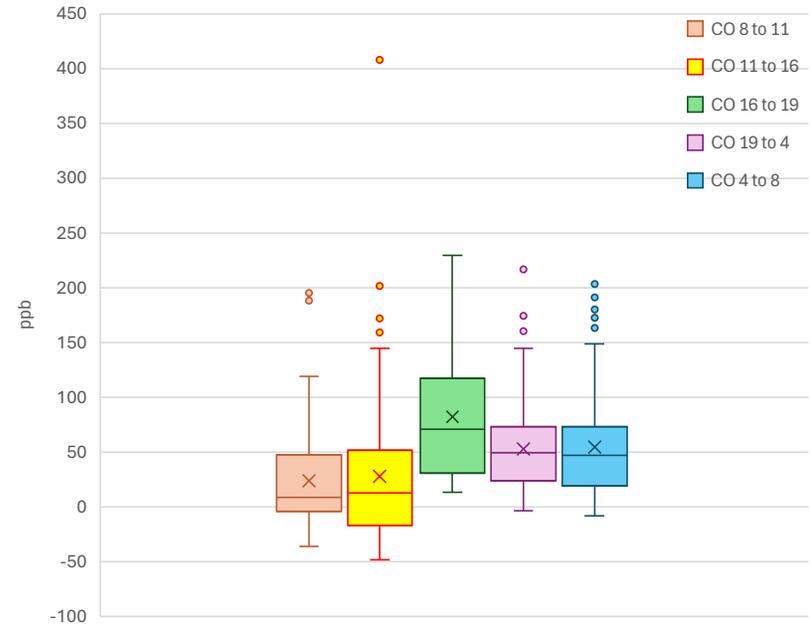


# Hourly concentration distribution

NO<sub>2</sub> hourly distribution



CO hourly distribution

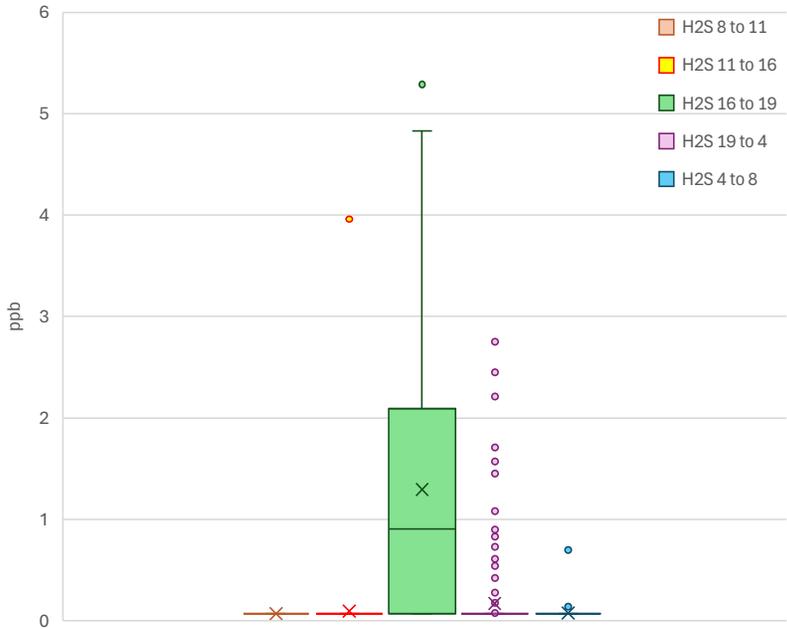


ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO <sub>2</sub> 4 to 8	25.0	25.8	14.8	33.4	5.9	49.6	112
NO <sub>2</sub> 8 to 11	16.2	10.4	7.8	18.4	5.1	63.3	84
NO <sub>2</sub> 11 to 16	6.6	4.6	2.6	8.2	-1.3	28.7	140
NO <sub>2</sub> 16 to 19	23.8	22.8	17.3	30.5	1.5	46.7	84
NO <sub>2</sub> 19 to 4	21.5	20.4	15.6	26.7	3.6	48.9	252

ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	54.7	47.1	19.0	73.0	-8.5	203.3	112
CO 8 to 11	23.7	8.5	-4.0	47.7	-36.3	195.0	84
CO 11 to 16	27.8	12.4	-16.8	51.3	-48.4	407.9	140
CO 16 to 19	82.1	70.6	30.8	117.1	13.5	229.6	84
CO 19 to 4	52.8	49.1	23.5	73.2	-3.6	216.7	252

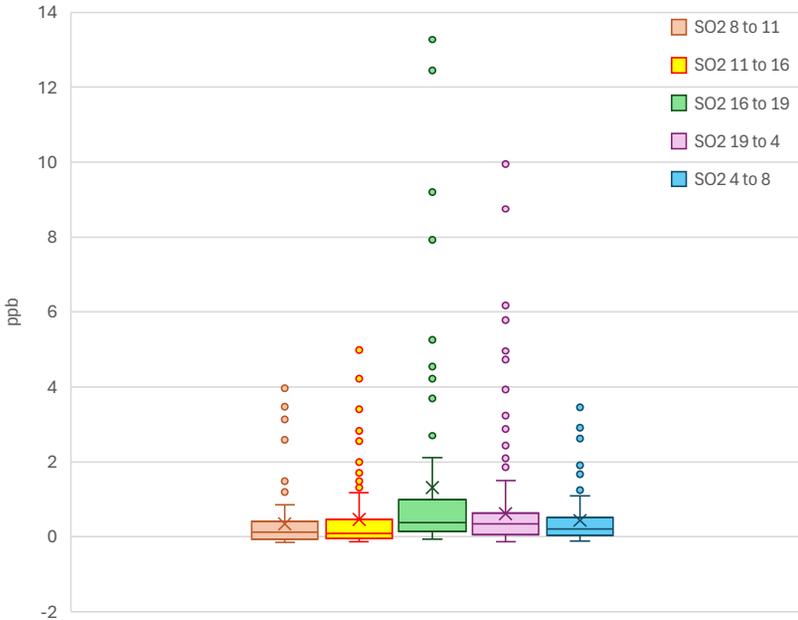
# Hourly concentration distribution

H<sub>2</sub>S hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H <sub>2</sub> S 4 to 8	0.1	0.1	0.1	0.1	0.1	0.7	112
H <sub>2</sub> S 8 to 11	0.1	0.1	0.1	0.1	0.1	0.1	84
H <sub>2</sub> S 11 to 16	0.1	0.1	0.1	0.1	0.1	4.0	140
H <sub>2</sub> S 16 to 19	1.3	0.9	0.1	2.1	0.1	5.3	84
H <sub>2</sub> S 19 to 4	0.2	0.1	0.1	0.1	0.1	2.8	252

SO<sub>2</sub> hourly distribution

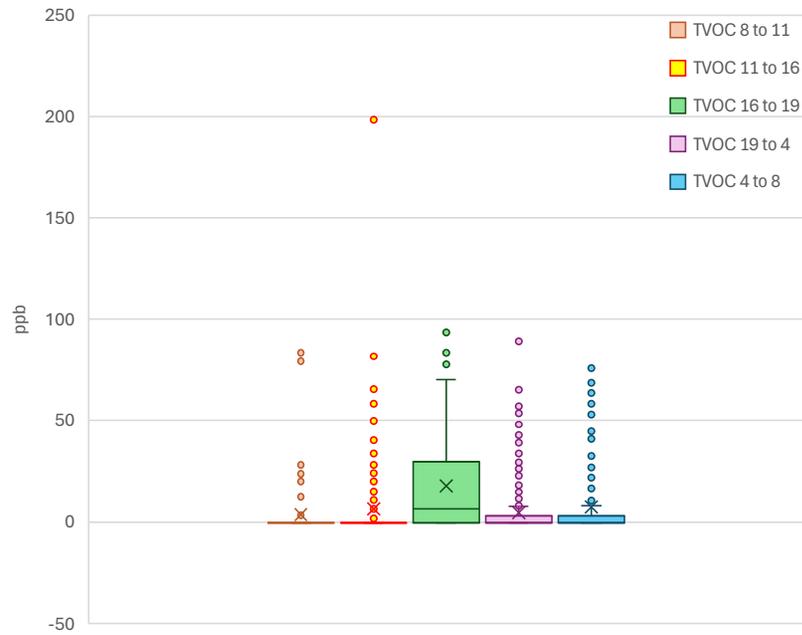


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO <sub>2</sub> 4 to 8	0.4	0.2	0.0	0.5	-0.1	3.6	112
SO <sub>2</sub> 8 to 11	0.4	0.1	-0.1	0.4	-0.2	4.0	84
SO <sub>2</sub> 11 to 16	0.5	0.1	0.0	0.5	-0.1	5.0	140
SO <sub>2</sub> 16 to 19	1.3	0.4	0.1	1.0	-0.1	13.3	84
SO <sub>2</sub> 19 to 4	0.6	0.3	0.1	0.6	-0.1	9.9	252

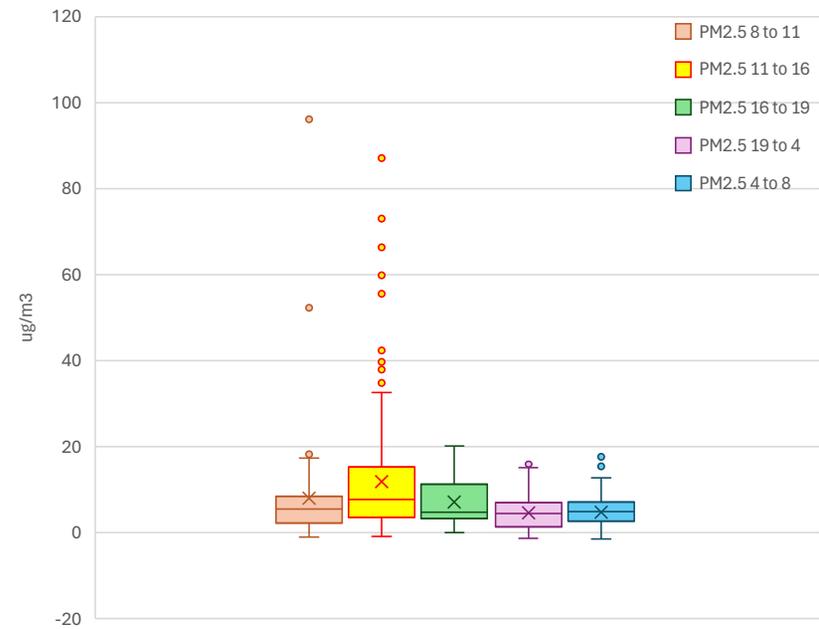
H<sub>2</sub>S data is not referenced and calibrated against regulatory monitor

# Hourly concentration distribution

TVOC hourly distribution



PM<sub>2.5</sub> hourly distribution

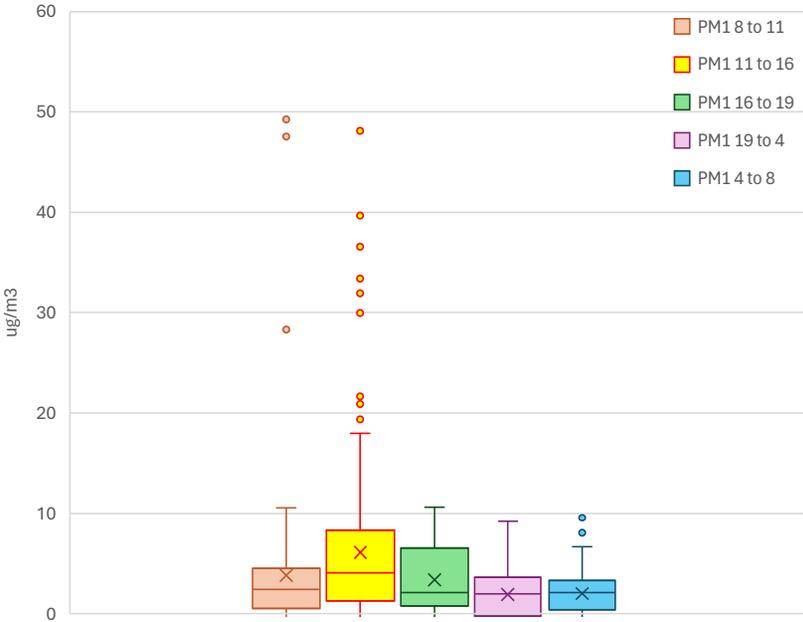


ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	7.4	-0.5	-0.5	3.2	-0.5	75.8	112
TVOC 8 to 11	3.8	-0.5	-0.5	-0.5	-0.5	83.6	84
TVOC 11 to 16	6.6	-0.5	-0.5	-0.5	-0.5	198.4	140
TVOC 16 to 19	17.7	6.6	-0.5	29.6	-0.5	93.5	84
TVOC 19 to 4	4.6	-0.5	-0.5	2.9	-0.5	89.1	252

ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM <sub>2.5</sub> 4 to 8	4.8	4.9	2.7	7.1	-1.4	17.7	112
PM <sub>2.5</sub> 8 to 11	8.1	5.4	2.3	8.5	-1.0	96.5	84
PM <sub>2.5</sub> 11 to 16	11.9	7.8	3.6	15.3	-0.8	87.1	140
PM <sub>2.5</sub> 16 to 19	7.1	4.7	3.3	11.3	0.0	20.2	84
PM <sub>2.5</sub> 19 to 4	4.6	4.4	1.3	6.9	-1.2	17.0	252

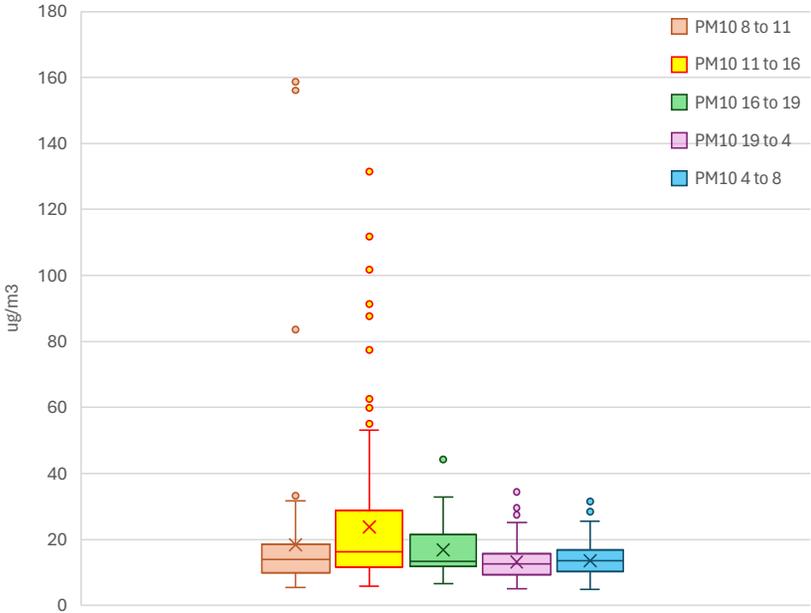
# Hourly concentration distribution

PM<sub>1</sub> hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM <sub>1</sub> 4 to 8	2.0	2.1	0.4	3.3	-1.9	9.6	112
PM <sub>1</sub> 8 to 11	3.8	2.5	0.5	4.5	-1.8	49.3	84
PM <sub>1</sub> 11 to 16	6.1	4.1	1.3	8.3	-1.7	48.1	140
PM <sub>1</sub> 16 to 19	3.3	2.1	0.8	6.6	-1.0	10.6	84
PM <sub>1</sub> 19 to 4	1.9	2.0	-0.3	3.6	-1.8	9.2	252

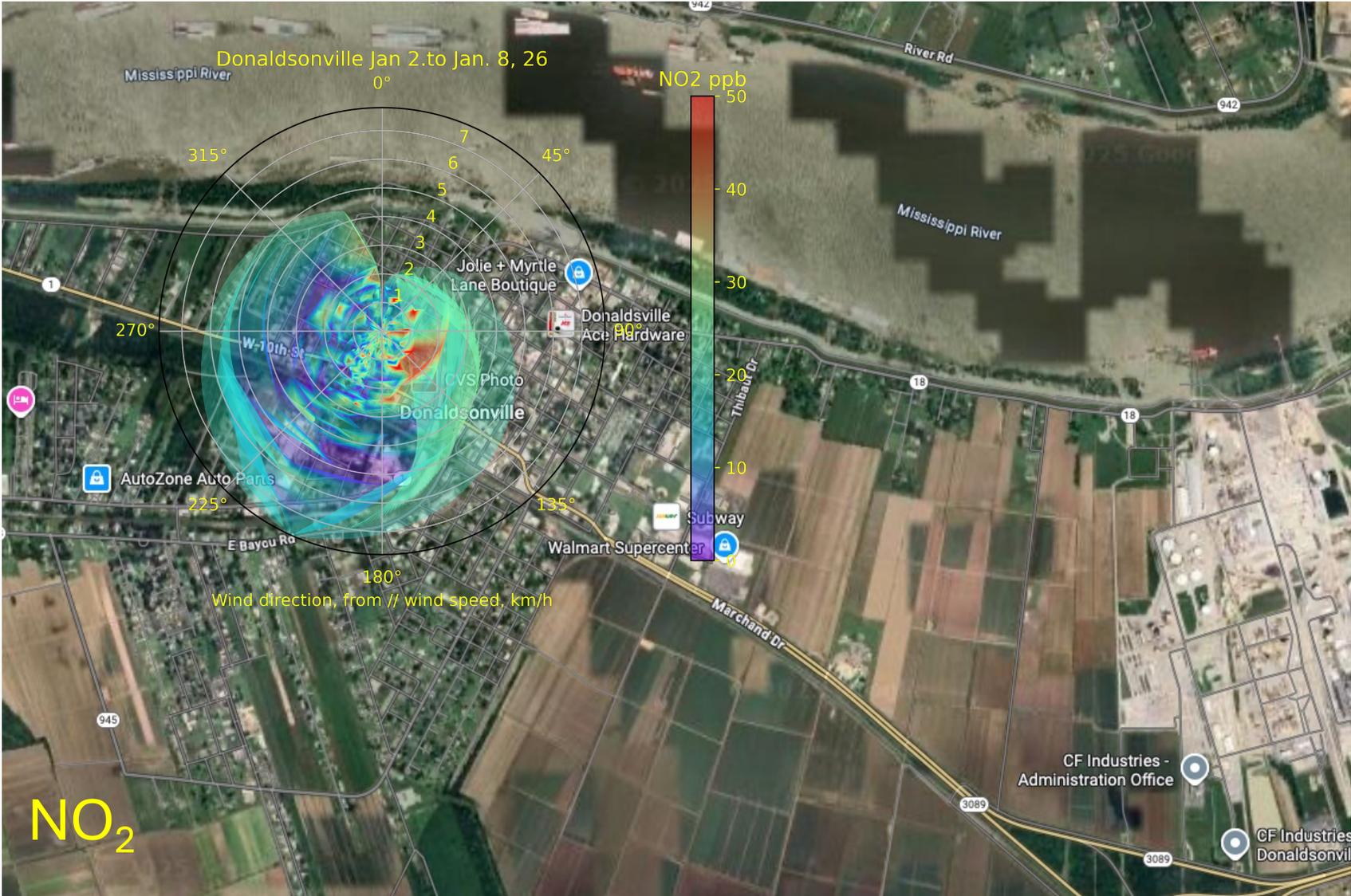
PM<sub>10</sub> hourly distribution

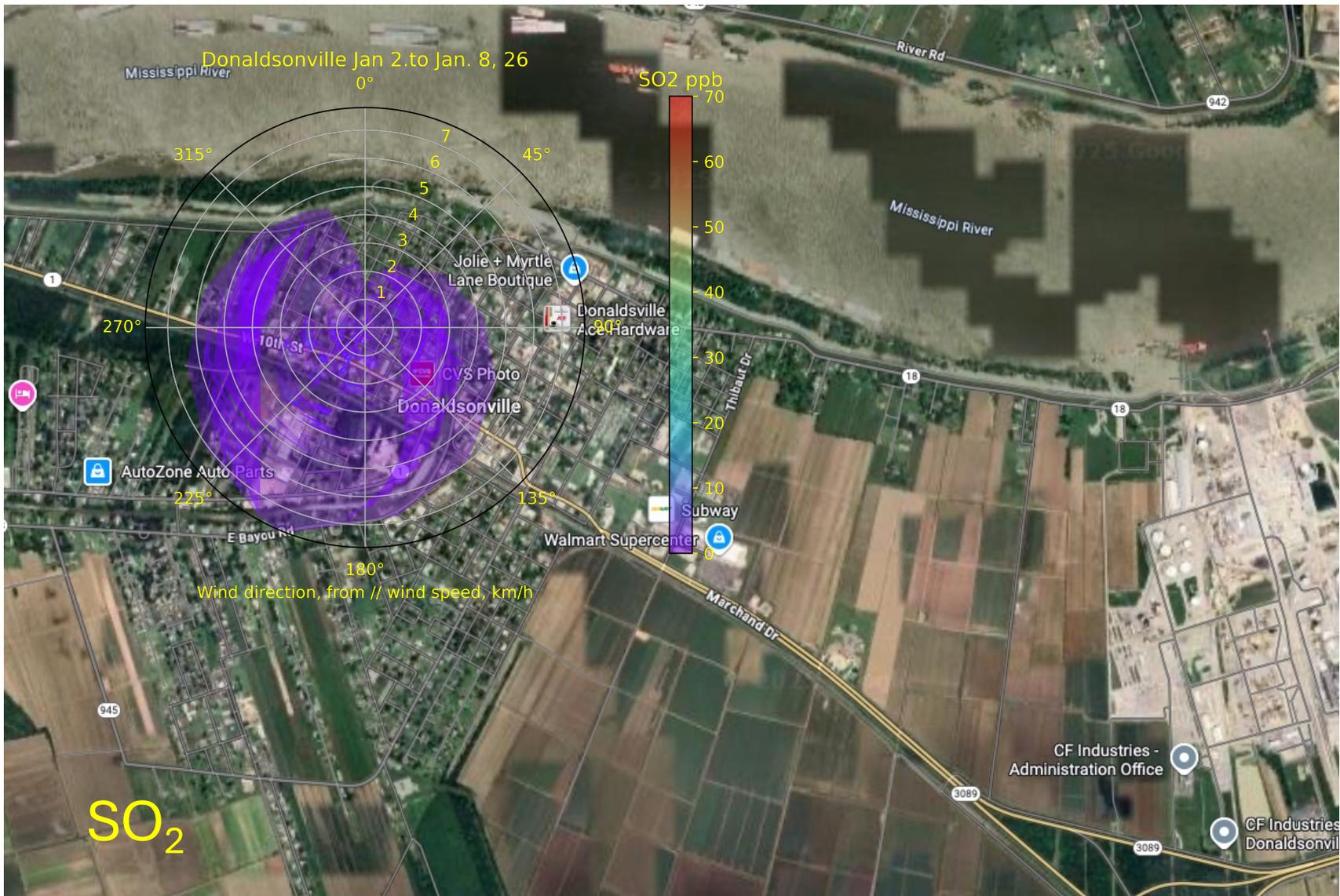


ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM <sub>10</sub> 4 to 8	13.6	13.6	10.2	16.9	4.9	32.8	112
PM <sub>10</sub> 8 to 11	18.3	13.9	9.8	18.6	5.6	158.7	84
PM <sub>10</sub> 11 to 16	23.8	16.3	11.7	28.8	5.9	131.5	140
PM <sub>10</sub> 16 to 19	16.8	13.3	11.8	21.5	6.7	44.3	84
PM <sub>10</sub> 19 to 4	13.2	12.7	9.3	15.7	5.0	34.4	252

PM<sub>1</sub> data is not referenced and calibrated against regulatory monitor

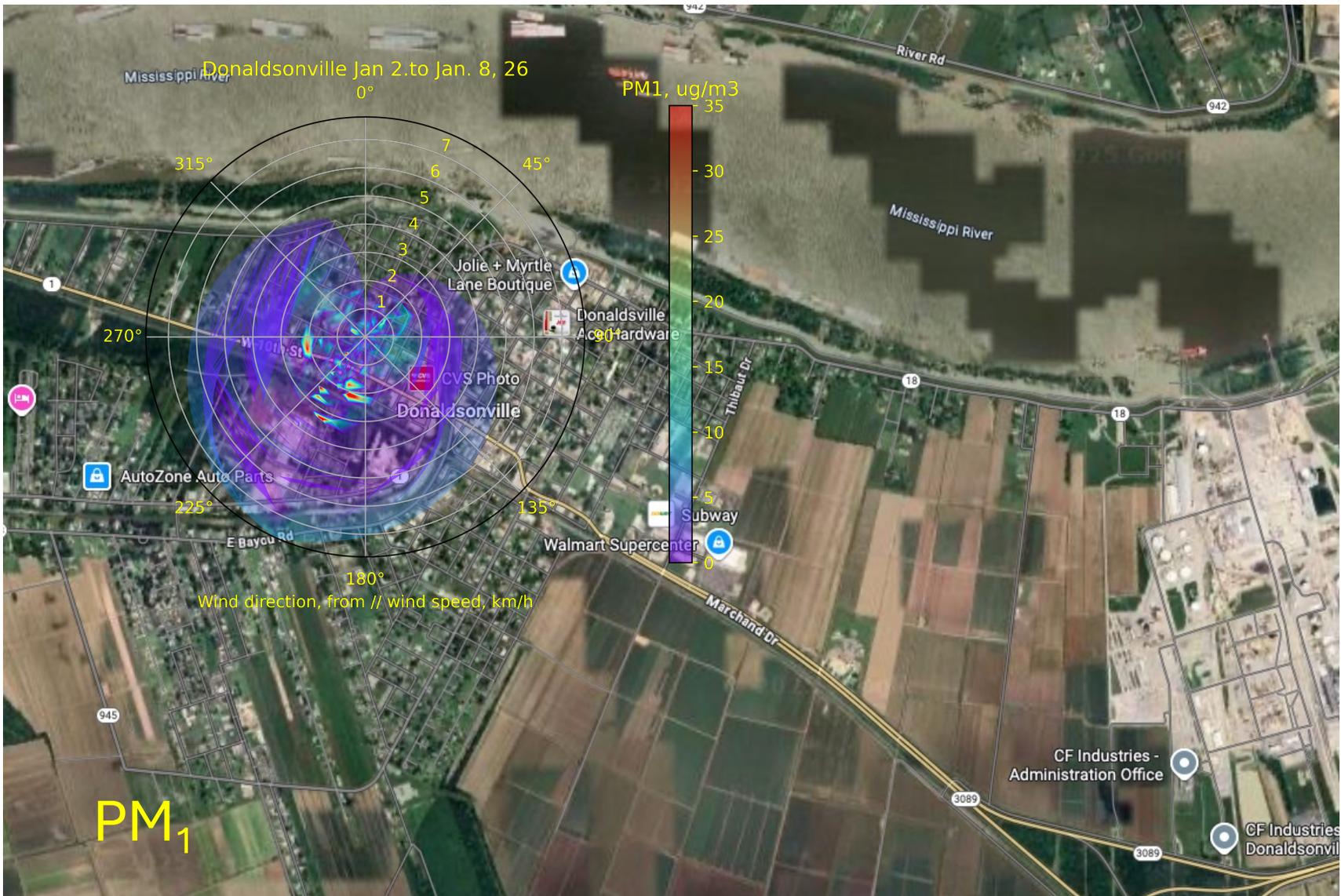


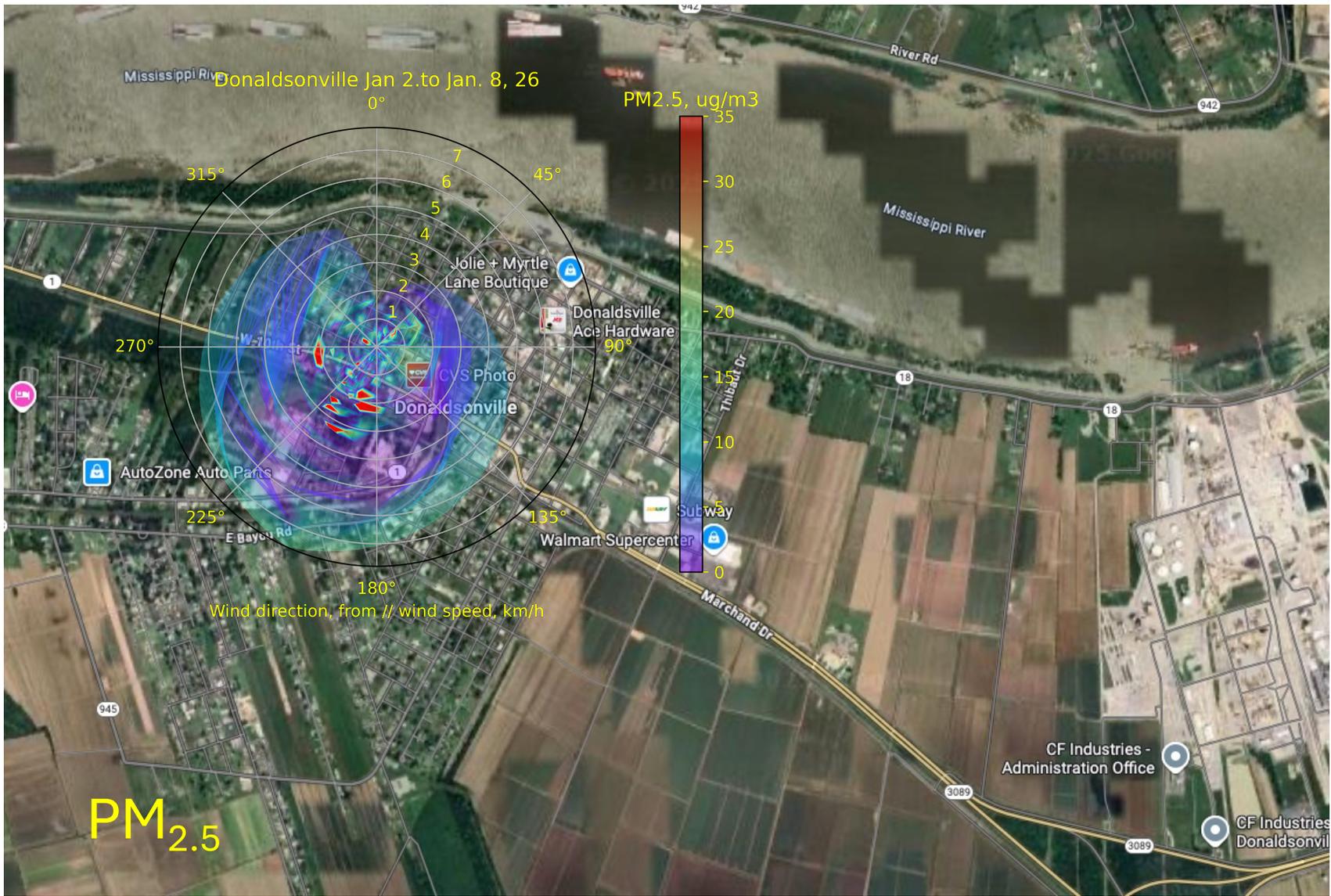














# Donaldsonville POD 1/2-1/8



- TVOCs and PM<sub>2.5</sub> South-West, direction, From mid- and long-range source