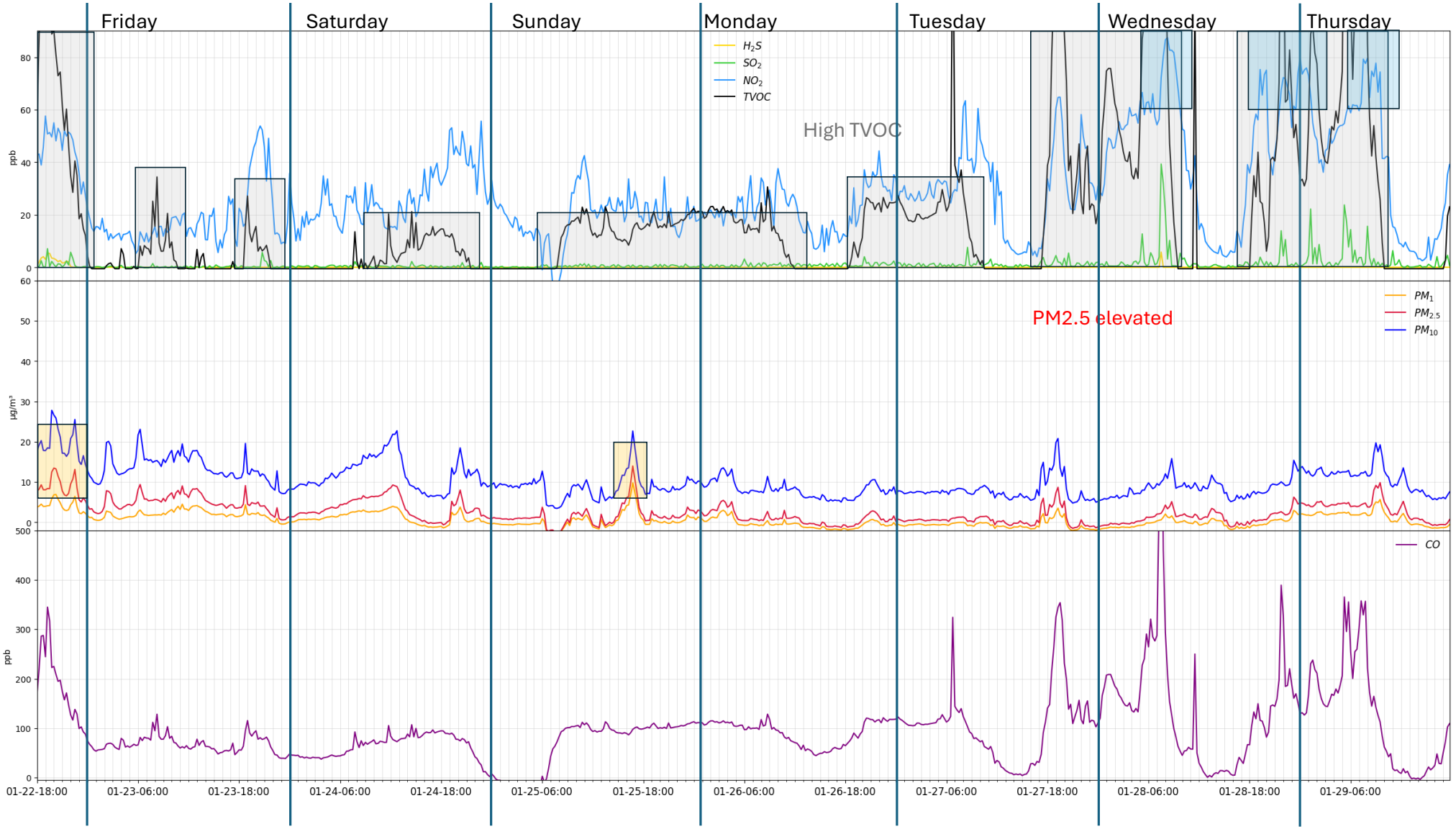
Donaldsonville POD

Jan 23 – January 29, 2026

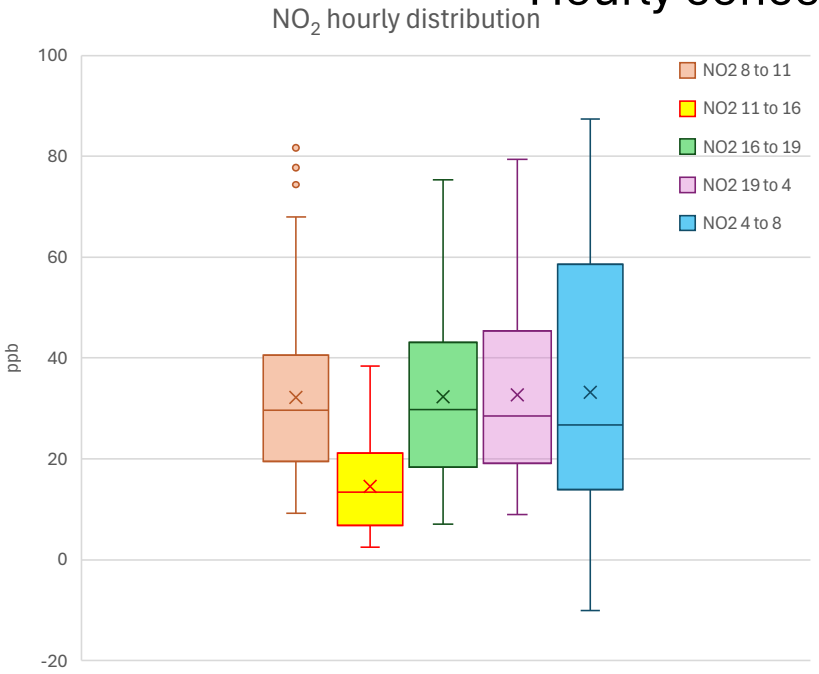
Disclaimer

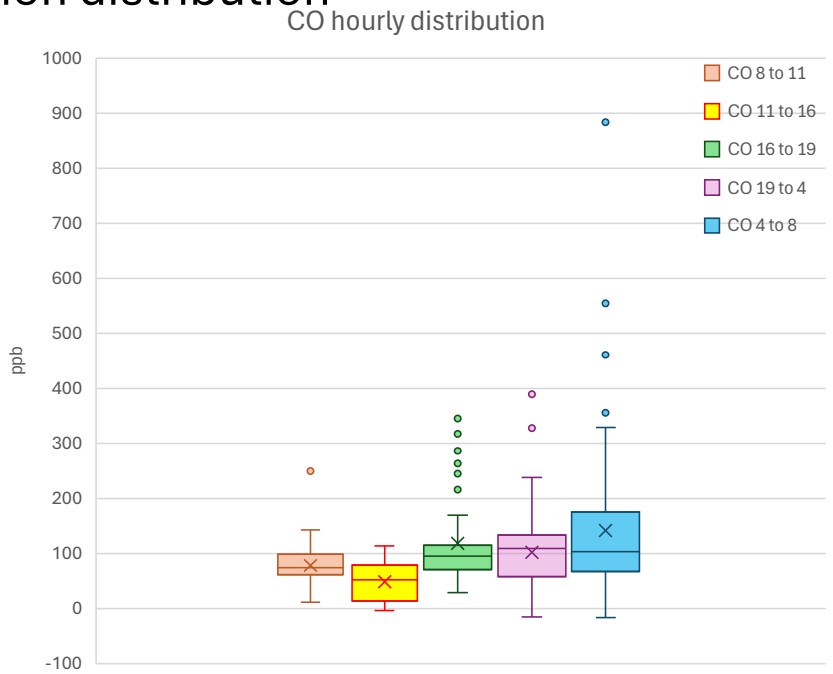
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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


Friday
Saturday
Sunday
Monday
Tuesday
Wednesday
Thursday
H_2S
SO_2
NO_2
TVOC
High TVOC
ppb
PM_1
$PM_{2.5}$
PM_{10}
PM2.5 elevated
µg/m³
CO
ppb
01-22-18:00
01-23-06:00
01-23-18:00
01-24-06:00
01-24-18:00
01-25-06:00
01-25-18:00
01-26-06:00
01-26-18:00
01-27-06:00
01-27-18:00
01-28-06:00
01-28-18:00
01-29-06:00

Hourly concentration distribution

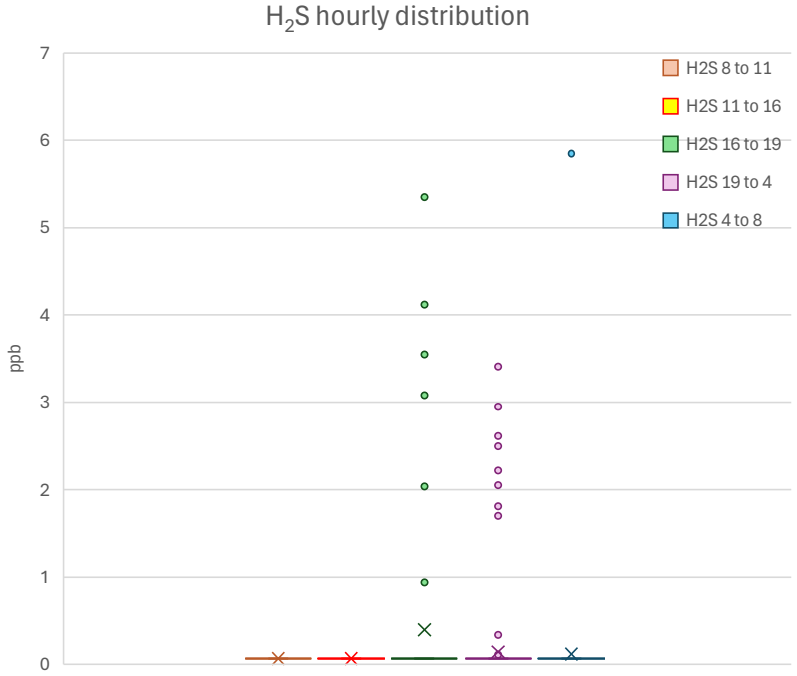


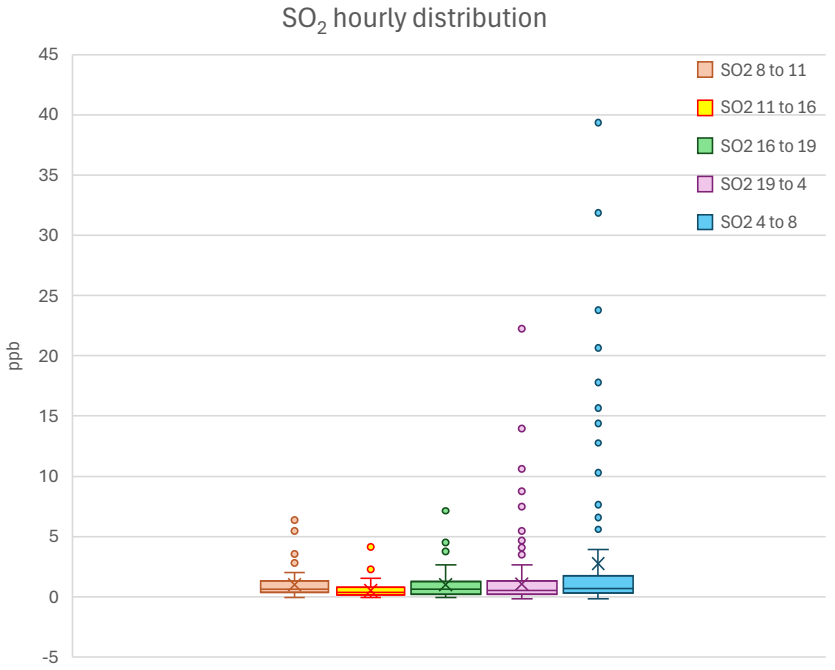


ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO_2 4 to 8	33.3	26.8	13.9	58.6	-10.1	87.4	112
NO_2 8 to 11	32.2	29.7	19.5	40.6	9.2	81.7	84
NO_2 11 to 16	14.5	13.5	6.9	21.1	2.5	38.4	140
NO_2 16 to 19	32.3	29.7	18.3	43.1	7.1	75.3	84
NO_2 19 to 4	32.7	28.5	19.0	45.6	9.0	79.4	252

ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	141.6	103.4	66.5	175.6	-16.5	882.9	112
CO 8 to 11	78.2	74.1	61.5	98.1	10.9	250.0	84
CO 11 to 16	48.2	52.0	13.4	79.2	-3.7	113.0	140
CO 16 to 19	118.5	94.5	70.5	115.2	28.8	353.9	84
CO 19 to 4	102.1	109.0	57.6	135.2	-15.1	389.3	252

Hourly concentration distribution





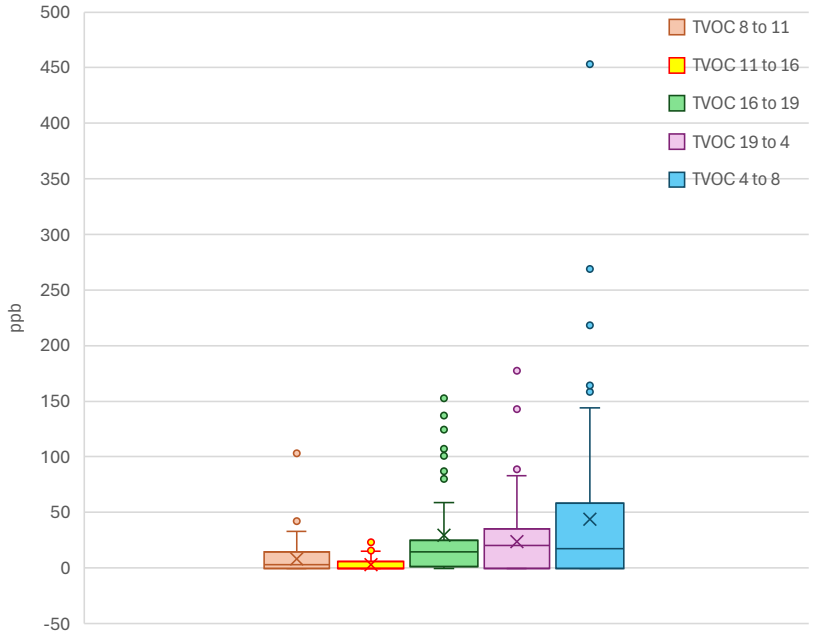
ppb	Mean	Median	Q1	Q3	Min	Max	# points
H_2S 4 to 8	0.1	0.1	0.1	0.1	0.1	5.9	112
H_2S 8 to 11	0.1	0.1	0.1	0.1	0.1	0.1	84
H_2S 11 to 16	0.1	0.1	0.1	0.1	0.1	0.1	140
H_2S 16 to 19	0.4	0.1	0.1	0.1	0.1	5.4	84
H_2S 19 to 4	0.1	0.1	0.1	0.1	0.1	3.4	252

ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO_2 4 to 8	2.7	0.7	0.3	1.8	-0.2	39.4	112
SO_2 8 to 11	1.0	0.6	0.4	1.3	-0.1	6.4	84
SO_2 11 to 16	0.5	0.4	0.2	0.8	-0.1	4.1	140
SO_2 16 to 19	1.0	0.6	0.2	1.2	-0.1	7.1	84
SO_2 19 to 4	1.1	0.5	0.2	1.3	-0.1	22.2	252

H_2S data is not referenced and calibrated against regulatory monitor

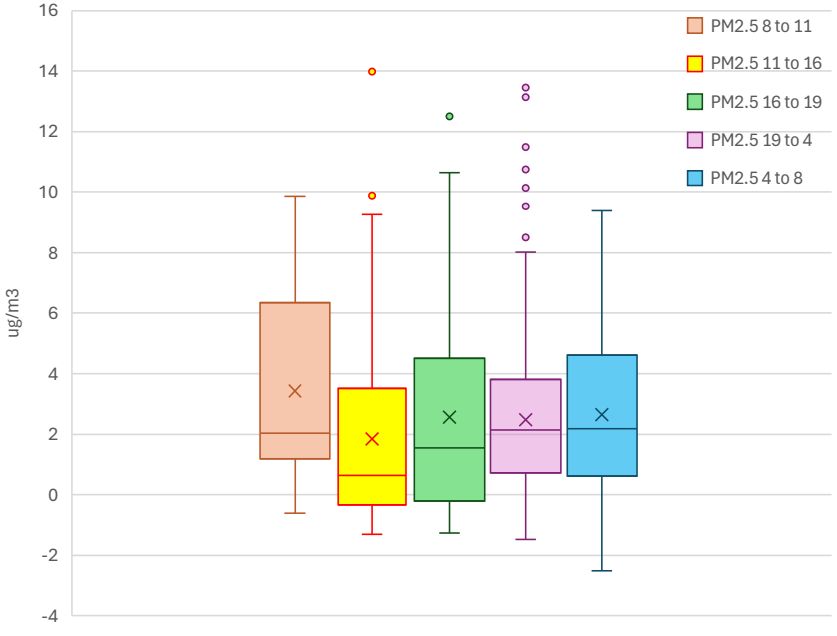
Hourly concentration distribution

TVOC hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	43.9	17.1	-0.3	58.1	-0.5	453.0	112
TVOC 8 to 11	8.2	2.7	-0.5	14.4	-0.5	102.9	84
TVOC 11 to 16	2.9	-0.5	-0.5	5.8	-0.5	23.1	140
TVOC 16 to 19	29.4	14.5	1.0	24.9	-0.5	157.6	84
TVOC 19 to 4	23.7	20.2	-0.5	35.2	-0.5	177.2	252

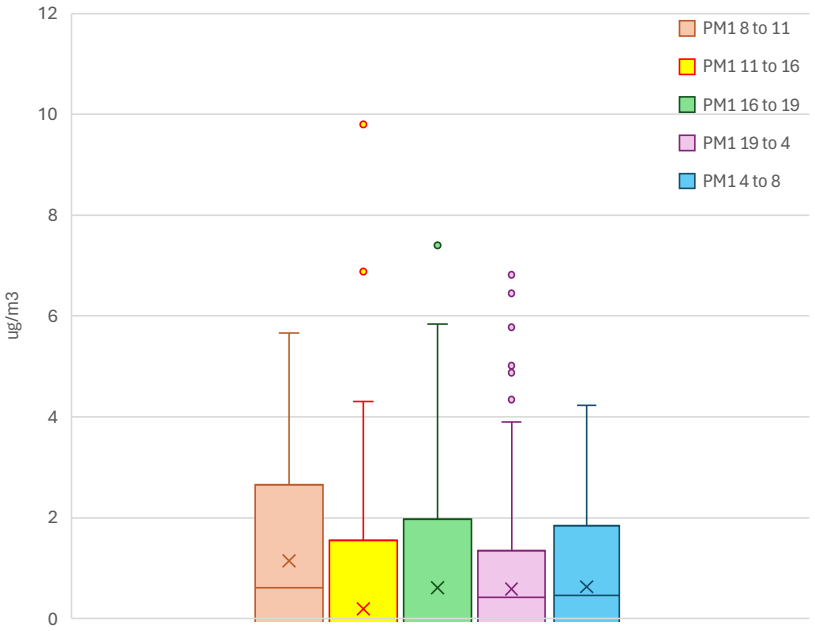
$PM_{2.5}$ hourly distribution



ug/m^3	Mean	Median	Q1	Q3	Min	Max	# points
$PM_{2.5}$ 4 to 8	2.7	2.2	0.6	4.6	-2.5	9.4	112
$PM_{2.5}$ 8 to 11	3.4	2.0	1.2	6.3	-0.6	9.9	84
$PM_{2.5}$ 11 to 16	1.8	0.6	-0.3	3.5	-1.3	14.0	140
$PM_{2.5}$ 16 to 19	2.6	1.5	-0.2	4.5	-1.3	12.5	84
$PM_{2.5}$ 19 to 4	2.5	2.1	0.7	3.9	-1.5	13.5	252

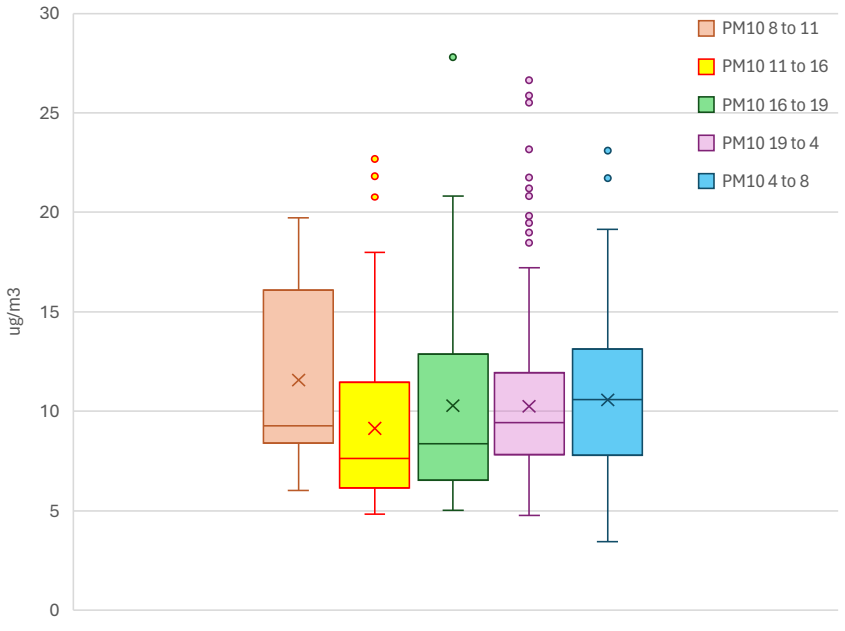
Hourly concentration distribution

PM_1 hourly distribution



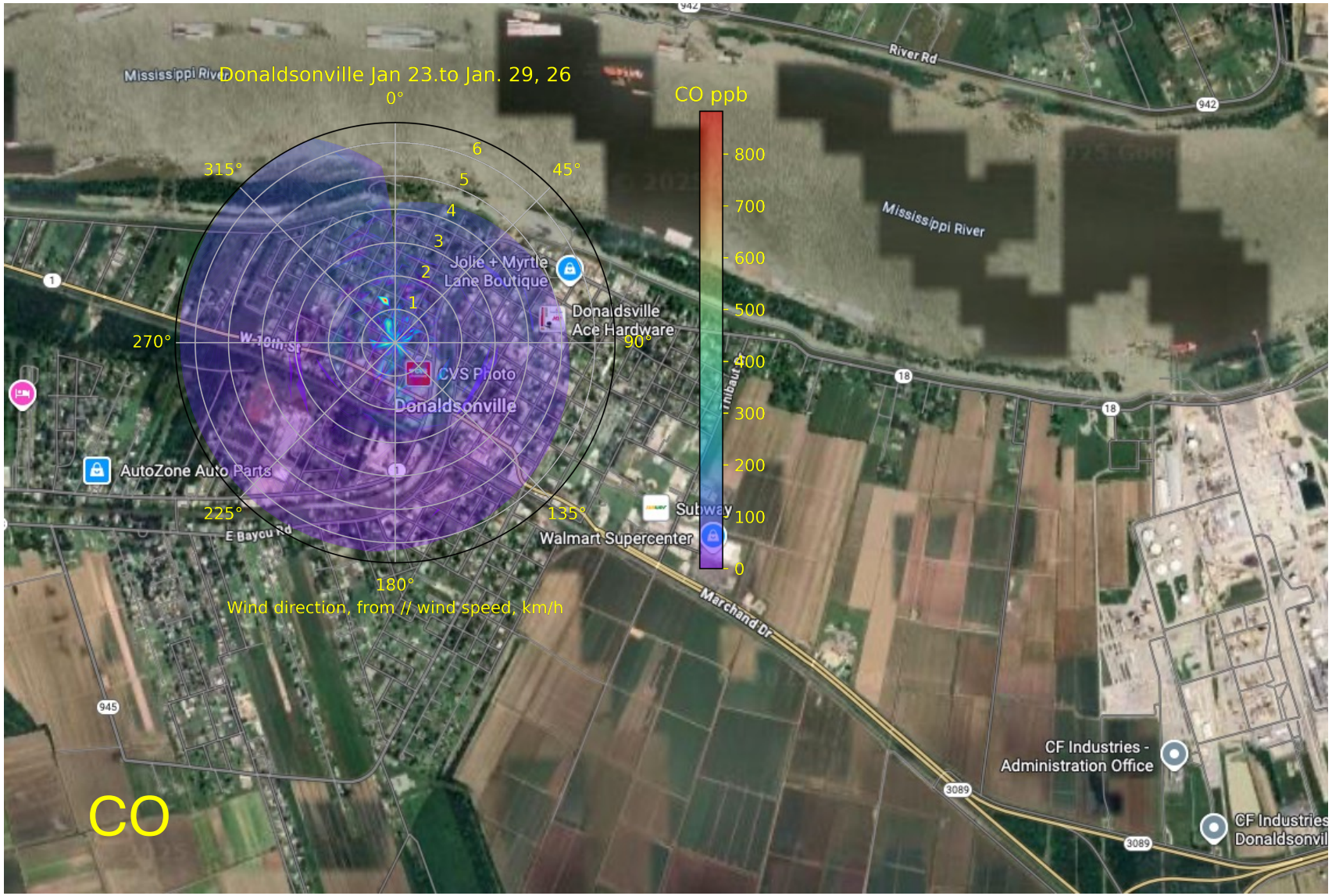
ug/m³	Mean	Median	Q1	Q3	Min	Max	# points
PM_1 4 to 8	0.6	0.5	-0.6	1.8	-2.6	4.2	112
PM_1 8 to 11	1.1	0.6	-0.3	2.7	-1.5	5.7	84
PM_1 11 to 16	0.2	-0.6	-1.2	1.5	-1.8	9.8	140
PM_1 16 to 19	0.6	-0.1	-1.2	2.0	-1.9	7.4	84
PM_1 19 to 4	0.6	0.4	-0.5	1.4	-2.0	6.9	252

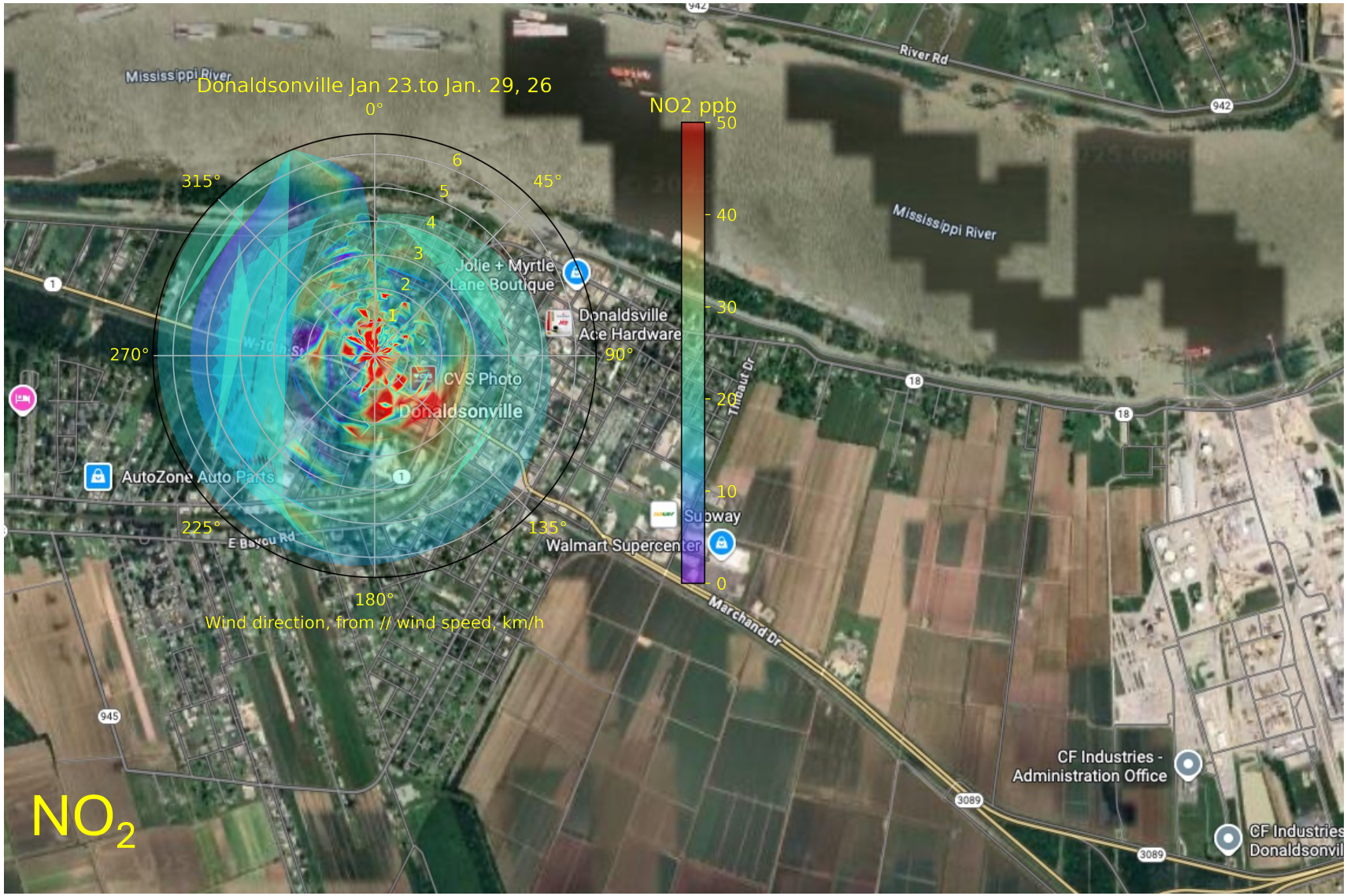
PM_{10} hourly distribution

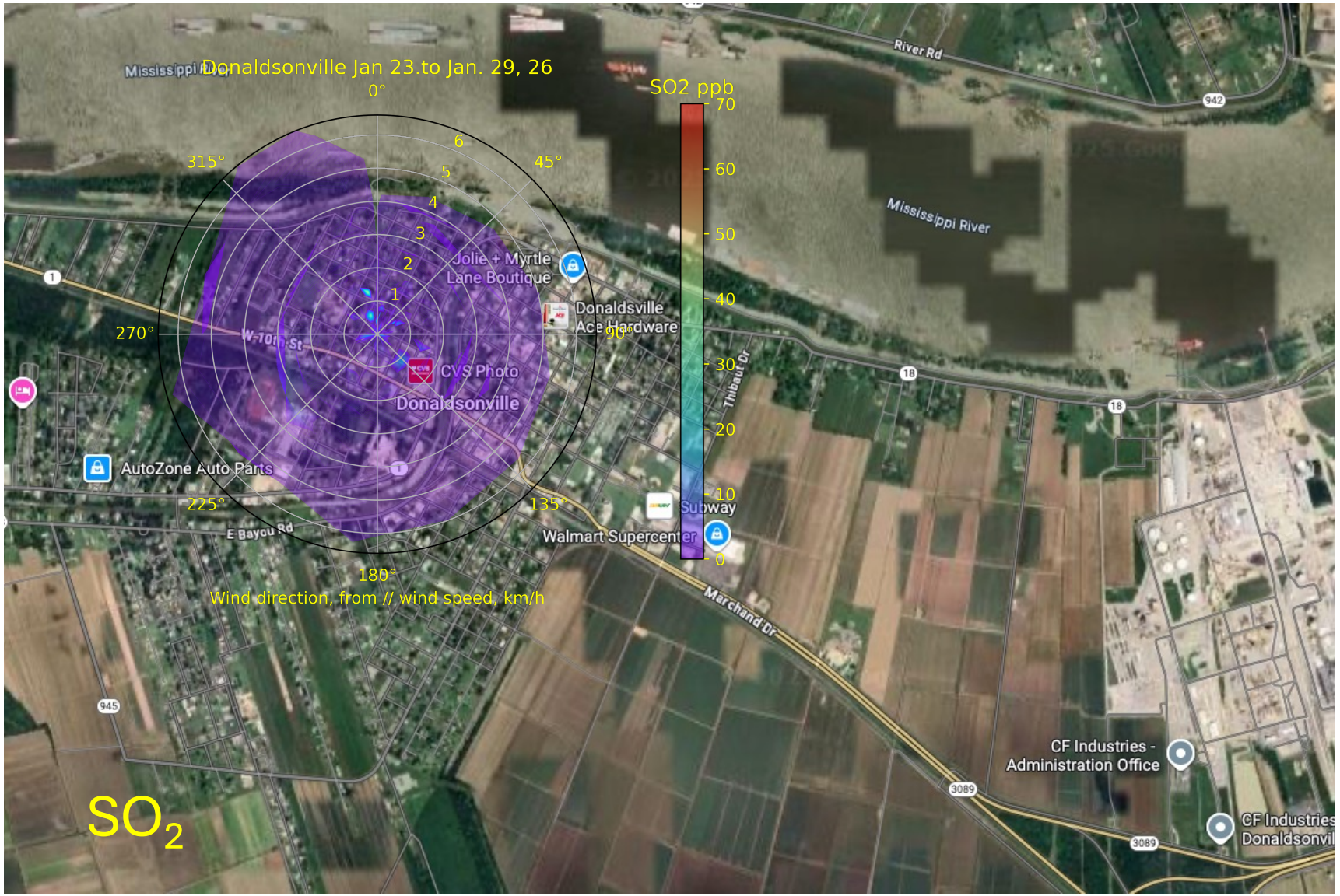


ug/m³	Mean	Median	Q1	Q3	Min	Max	# points
PM_{10} 4 to 8	10.6	10.6	7.8	13.1	3.5	23.1	112
PM_{10} 8 to 11	11.6	9.3	8.4	16.1	6.0	19.7	84
PM_{10} 11 to 16	9.1	7.6	6.2	11.5	4.8	22.7	140
PM_{10} 16 to 19	10.3	8.4	6.5	12.9	5.0	27.8	84
PM_{10} 19 to 4	10.3	9.4	7.8	12.0	4.8	26.6	252

PM_1 data is not referenced and calibrated against regulatory monitor


Donaldsonville Jan 23.to Jan. 29, 26
CO ppb
800
700
600
500
400
300
200
100
0
0°
45°
90°
135°
180°
225°
270°
315°
1
2
3
4
5
6
Wind direction, from // wind speed, km/h
Mississippi River
River Rd
942
Jolie + Myrtle Lane Boutique
Donaldsville Ace Hardware
CVS Photo
Donaldsonville
W 10th St
AutoZone Auto Parts
E Bayou Rd
Subway
Walmart Supercenter
Marchand Dr
CF Industries - Administration Office
CF Industries Donaldsonvil
945
3089
18
CO


Donaldsonville Jan 23.to Jan. 29, 26
NO2 ppb
50
40
30
20
10
0
0°
45°
90°
135°
180°
225°
270°
315°
1
2
3
4
5
6
Wind direction, from // wind speed, km/h
Mississippi River
River Rd
942
Jolie + Myrtle Lane Boutique
Donaldsville Ace Hardware
CVS Photo
Donaldsonville
AutoZone Auto Parts
Subway
Walmart Supercenter
E Bayou Rd
Marchand Dr
Timbaut Dr
18
945
3089
CF Industries - Administration Office
CF Industries Donaldsonvil
NO_2


Donaldsonville Jan 23.to Jan. 29, 26
0°
45°
90°
135°
180°
225°
270°
315°
1
2
3
4
5
6
SO2 ppb
70
60
50
40
30
20
10
0
Wind direction, from // wind speed, km/h
River Rd
942
Mississippi River
Jolie + Myrtle Lane Boutique
Donaldsville Ace Hardware
CVS Photo
Donaldsonville
AutoZone Auto Parts
E Bayou Rd
Subway
Walmart Supercenter
Marchand Dr
Thibaut Dr
18
945
3089
CF Industries - Administration Office
CF Industries Donaldsonvil
SO2


Donaldsonville Jan 23.to Jan. 29, 26
H2S ppb
30
25
20
15
10
5
0°
45°
90°
135°
180°
225°
270°
315°
1
2
3
4
5
6
Wind direction, from // wind speed, km/h
Mississippi River
River Rd
942
Jolie + Myrtle Lane Boutique
Donaldsville Ace Hardware
W 10th St
CVS Photo
Donaldsonville
AutoZone Auto Parts
E Baycu Rd
Subway
Walmart Supercenter
Marchand Dr
Thibaut Dr
18
945
3089
CF Industries - Administration Office
CF Industries Donaldsonvil
H2S


Donaldsonville Jan 23.to Jan. 29, 26
TVOC ppb
50
40
30
20
10
0°
45°
135°
180°
225°
270°
315°
1
2
3
4
5
6
Wind direction, from // wind speed, km/h
Mississippi River
River Rd
942
Jolie + Myrtle Lane Boutique
Donaldsonville Ace Hardware
W 10th St
CVS Photo
Donaldsonville
AutoZone Auto Parts
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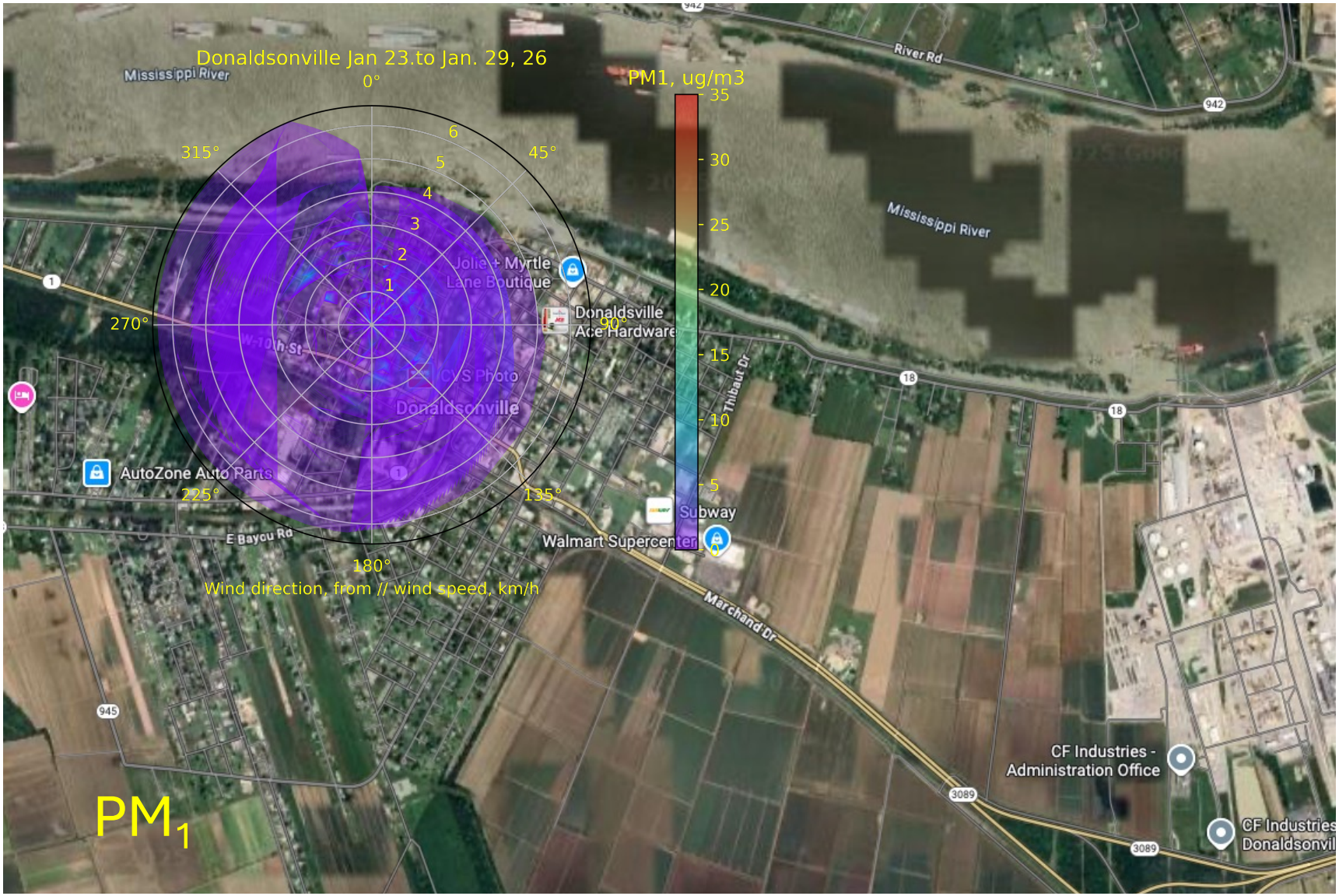
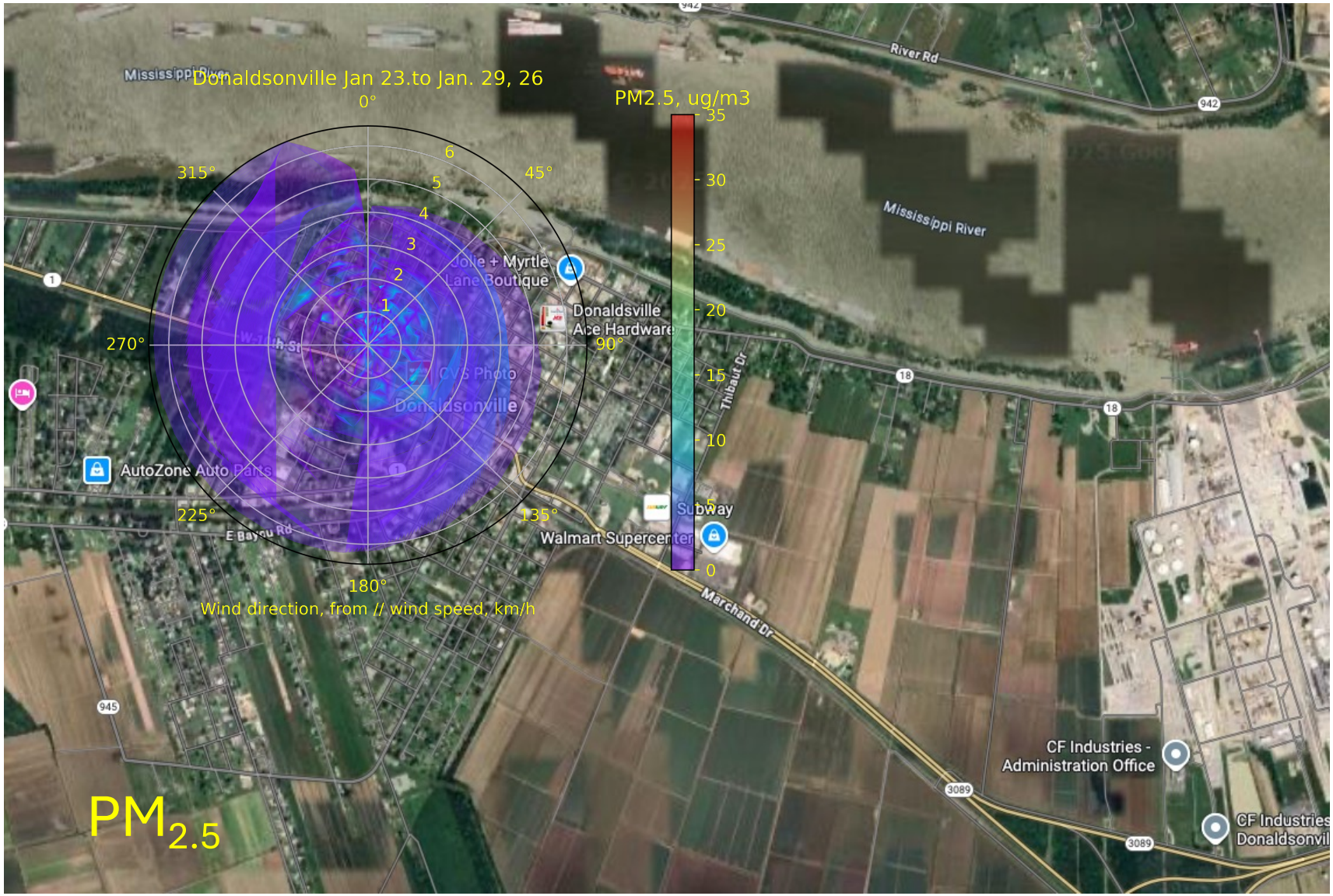
Walmart Supercenter
Marchand Dr
18
945
3089
CF Industries - Administration Office
CF Industries Donaldsonvil
TVOC


Donaldsonville Jan 23.to Jan. 29, 26
PM1, ug/m3
35
30
25
20
15
10
5
0°
45°
90°
135°
180°
225°
270°
315°
1
2
3
4
5
6
Wind direction, from // wind speed, km/h
Mississippi River
River Rd
942
Jolie + Myrtle Lane Boutique
Donaldsville Ace Hardware
Donaldsonville
AutoZone Auto Parts
Subway
Walmart Supercenter
E Bayou Rd
Marchand Dr
Thibaut Dr
18
945
3089
CF Industries - Administration Office
CF Industries Donaldsonvil
PM1


Donaldsonville Jan 23.to Jan. 29, 26
PM2.5, ug/m3
35
30
25
20
15
10
5
0
0°
45°
90°
135°
180°
225°
270°
315°
1
2
3
4
5
6
Wind direction, from // wind speed, km/h
PM2.5
River Rd
Mississippi River
Jolie + Myrtle Lane Boutique
Donaldsville Ace Hardware
CVS Photo Donaldsonville
AutoZone Auto Parts
Subway
Walmart Supercenter
Thibaut Dr
Marchand Dr
E Bayou Rd
CF Industries - Administration Office
CF Industries Donaldsonvil
942
18
945
3089


Donaldsonville Jan 23.to Jan. 29, 26
PM10, ug/m3
140
120
100
80
60
40
20
0
0°
45°
90°
135°
180°
225°
270°
315°
1
2
3
4
5
6
Wind direction, from // wind speed, km/h
Mississippi River
River Rd
Mississippi River
Jolie + Myrtle Lane Boutique
Donaldsville Ace Hardware
Donaldsonville
AutoZone Auto Parts
Subway
Walmart Supercenter
E Baycu Rd
Marchand Dr
CF Industries - Administration Office
CF Industries Donaldsonvil
PM10

Donaldsonville POD 1/23-1/29

- High levels of TVOC. Air is relatively stagnant, but indications of 2 directions can be observed North, and South-East
- North source is potentially distant.