

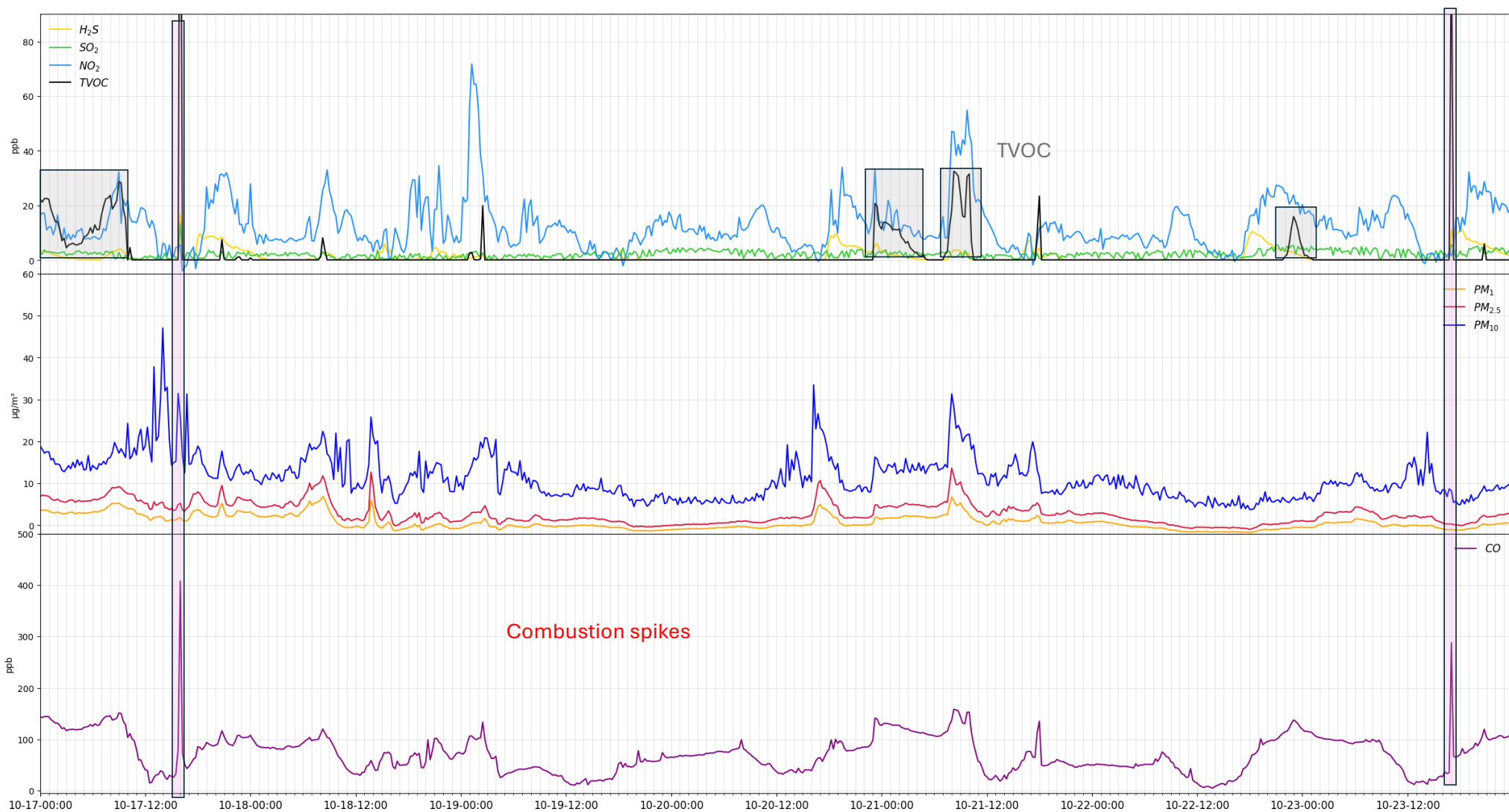
Alsen POD

October 17 – 23, 2025

Disclaimer

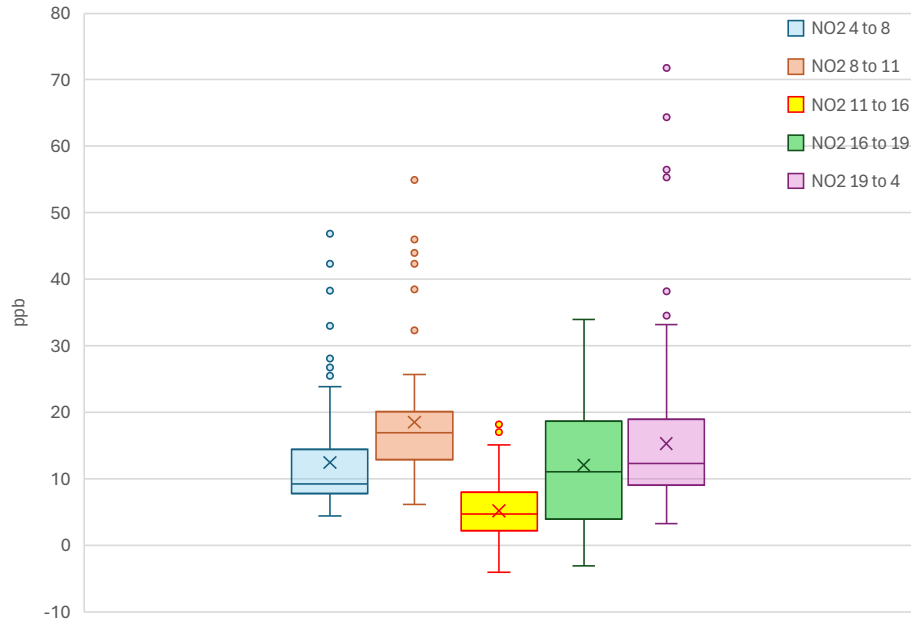
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



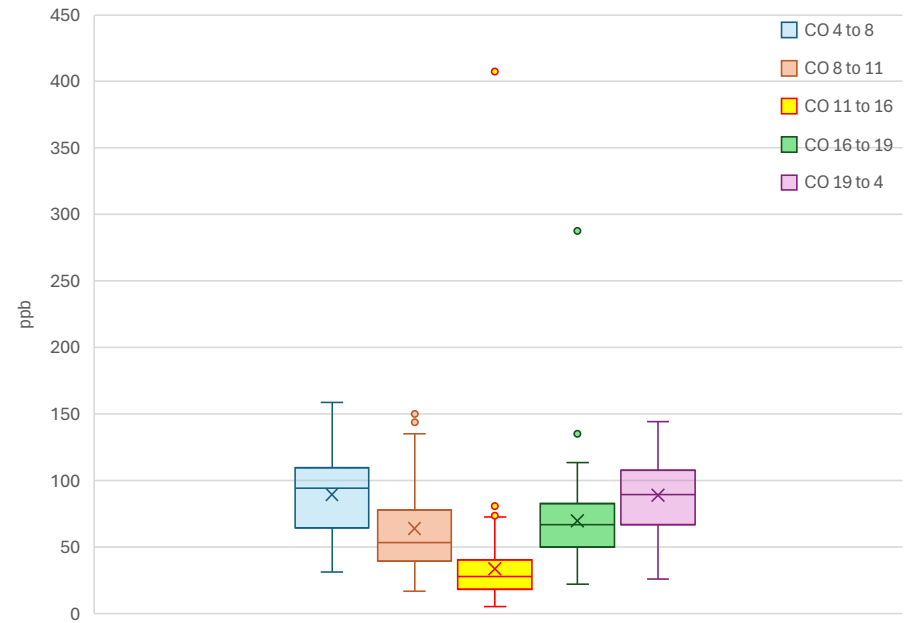
Hourly concentration distribution

NO2 hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO2 4 to 8	12.5	9.2	7.8	14.5	4.4	47.1	112
NO2 8 to 11	18.5	17.0	12.9	20.1	6.1	54.9	84
NO2 11 to 16	5.2	4.7	2.2	8.0	-4.0	18.2	140
NO2 16 to 19	12.1	11.1	3.9	18.7	-3.1	34.0	84
NO2 19 to 4	15.3	12.3	9.0	19.1	3.3	71.8	252

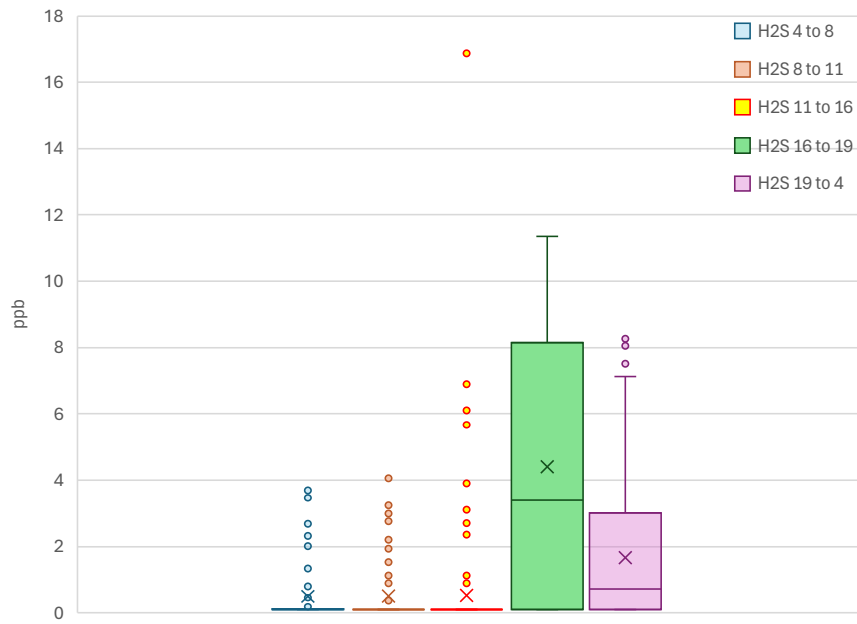
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	89.5	94.2	64.3	109.8	31.2	158.6	112
CO 8 to 11	64.1	53.5	39.2	78.0	17.0	152.9	84
CO 11 to 16	33.8	27.9	18.2	40.2	5.2	407.6	140
CO 16 to 19	69.8	66.9	50.1	82.6	21.9	287.8	84
CO 19 to 4	89.0	89.4	66.8	107.9	26.0	144.5	252

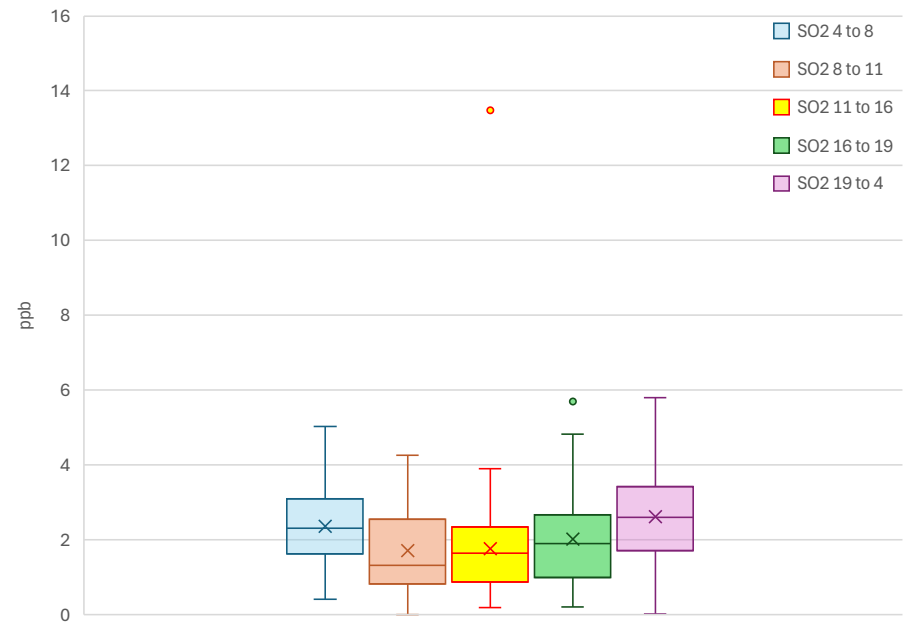
Hourly concentration distribution

H2S hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H2S 4 to 8	0.5	0.1	0.1	0.1	0.0	3.7	112
H2S 8 to 11	0.5	0.1	0.1	0.1	0.1	4.1	84
H2S 11 to 16	0.5	0.1	0.1	0.1	0.1	16.9	140
H2S 16 to 19	4.4	3.4	0.1	8.2	0.1	11.4	84
H2S 19 to 4	1.7	0.7	0.1	3.0	0.1	8.3	252

SO2 hourly distribution

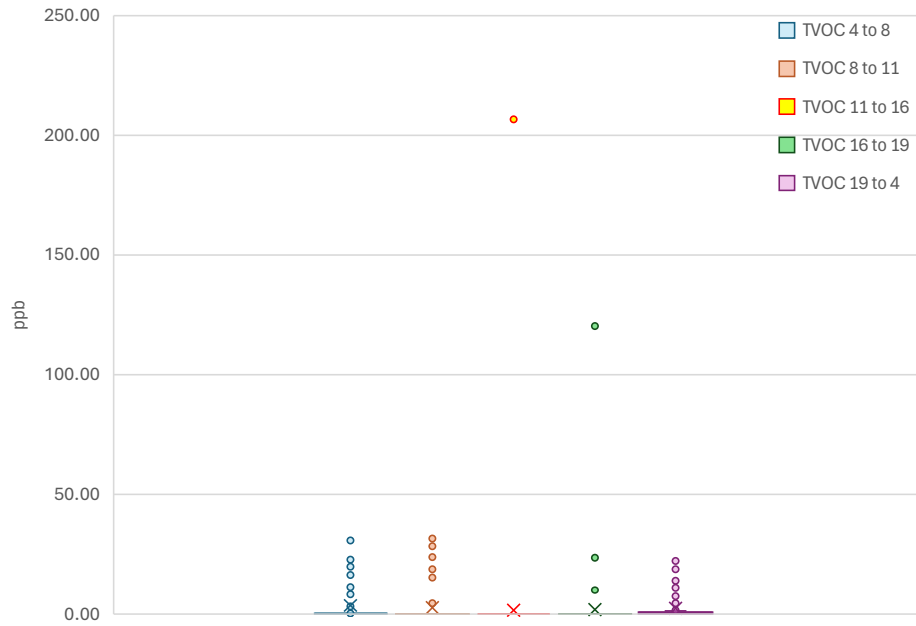


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO2 4 to 8	2.4	2.3	1.6	3.1	0.4	5.0	112
SO2 8 to 11	1.7	1.3	0.8	2.5	0.0	4.3	84
SO2 11 to 16	1.8	1.7	0.9	2.3	0.2	13.5	140
SO2 16 to 19	2.0	1.9	1.0	2.7	0.2	5.7	84
SO2 19 to 4	2.6	2.6	1.7	3.4	0.0	5.8	252

H₂S data is not referenced and calibrated against regulatory monitor

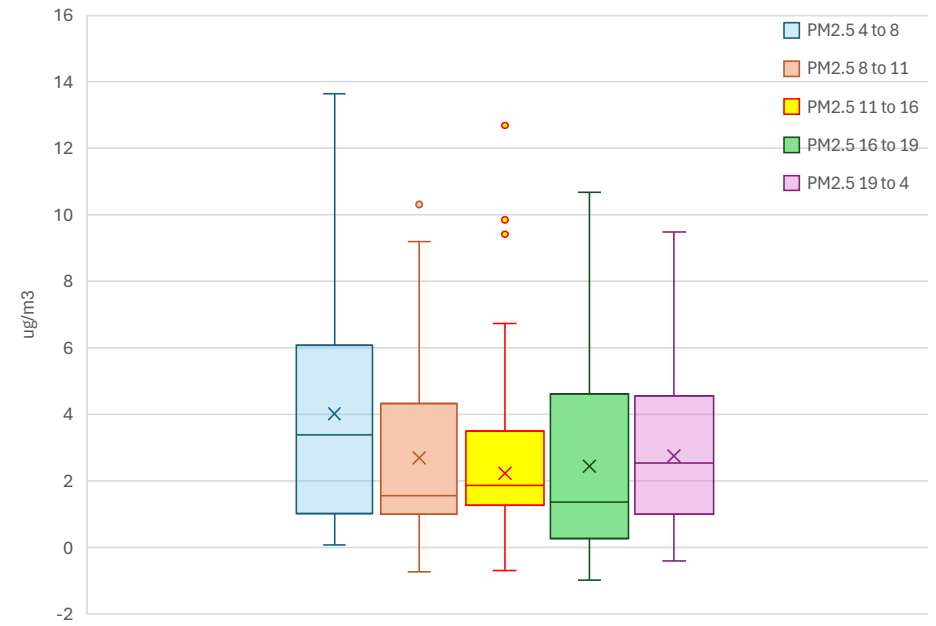
Hourly concentration distribution

TVOC hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	3.6	0.1	0.1	0.2	0.1	32.5	112
TVOC 8 to 11	2.7	0.1	0.1	0.1	0.1	31.5	84
TVOC 11 to 16	1.6	0.1	0.1	0.1	0.1	206.6	140
TVOC 16 to 19	1.9	0.1	0.1	0.1	0.1	120.3	84
TVOC 19 to 4	2.4	0.1	0.1	0.8	0.1	22.6	252

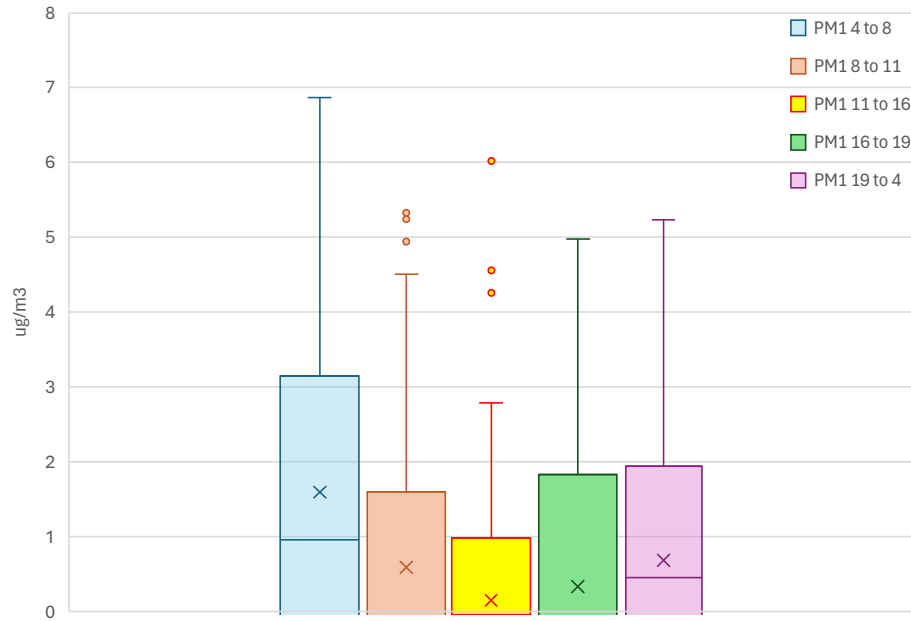
PM2.5 hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM2.5 4 to 8	4.0	3.4	1.0	6.1	0.1	13.6	112
PM2.5 8 to 11	2.7	1.6	1.0	4.3	-0.7	10.3	84
PM2.5 11 to 16	2.2	1.9	1.3	3.5	-0.7	12.7	140
PM2.5 16 to 19	2.4	1.4	0.3	4.6	-1.0	10.7	84
PM2.5 19 to 4	2.8	2.5	1.0	4.6	-0.4	9.5	252

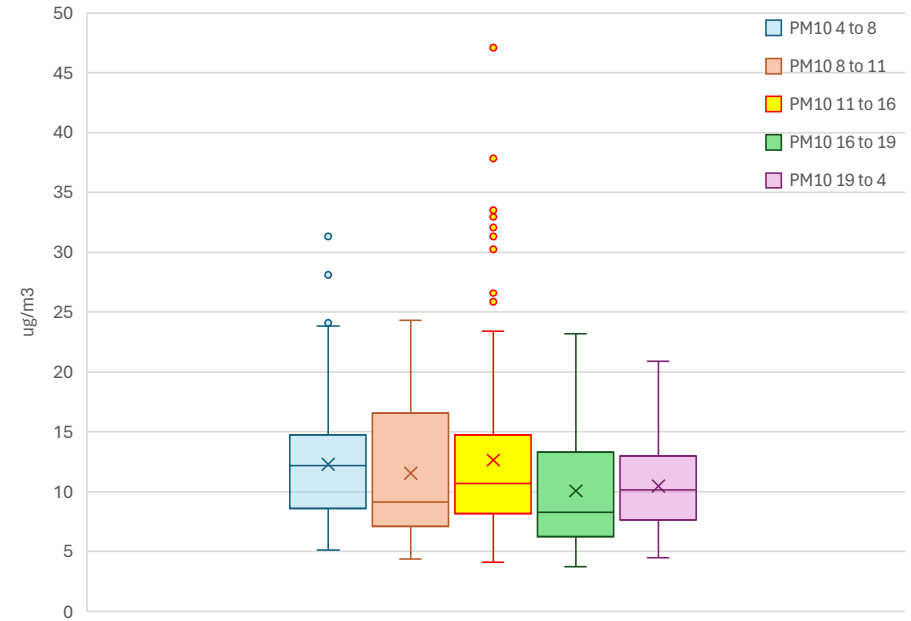
Hourly concentration distribution

PM1 hourly distribution



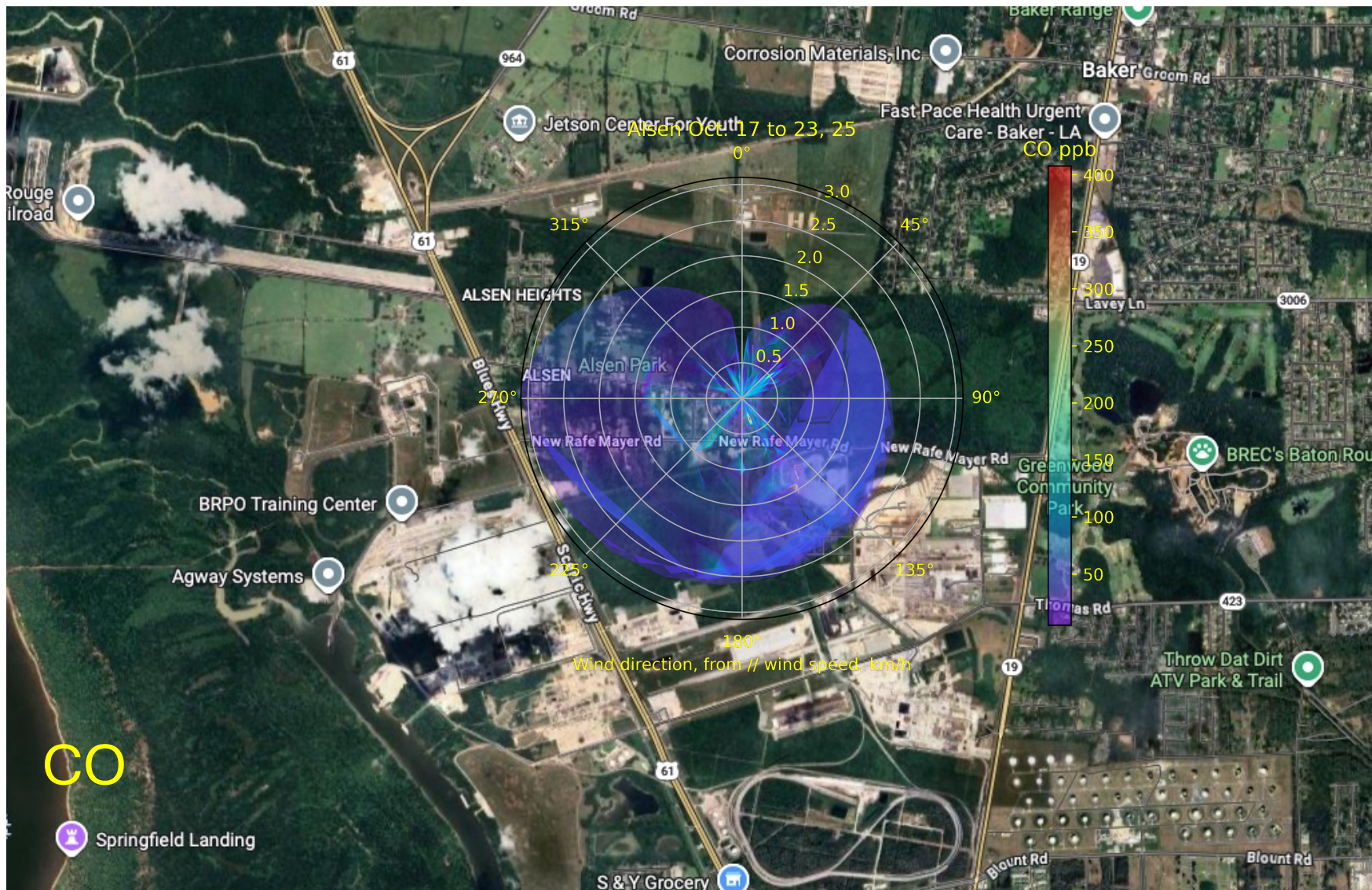
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM1 4 to 8	1.6	1.0	-0.4	3.2	-1.1	6.9	112
PM1 8 to 11	0.6	-0.2	-0.5	1.6	-1.6	5.3	84
PM1 11 to 16	0.1	0.0	-0.4	1.0	-1.6	6.0	140
PM1 16 to 19	0.3	-0.5	-1.1	1.8	-1.7	5.0	84
PM1 19 to 4	0.7	0.5	-0.5	1.9	-1.3	5.2	252

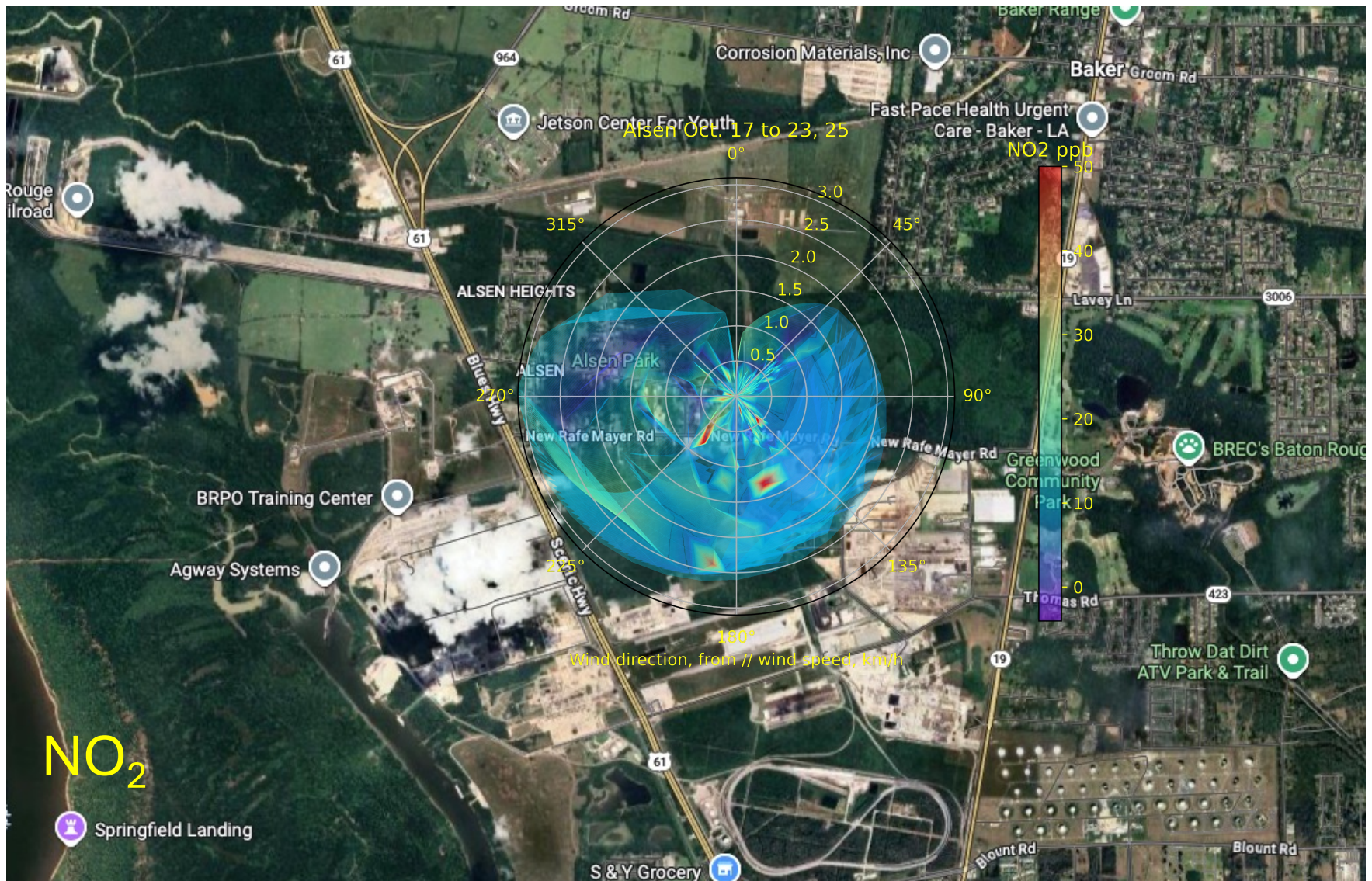
PM10 hourly distribution

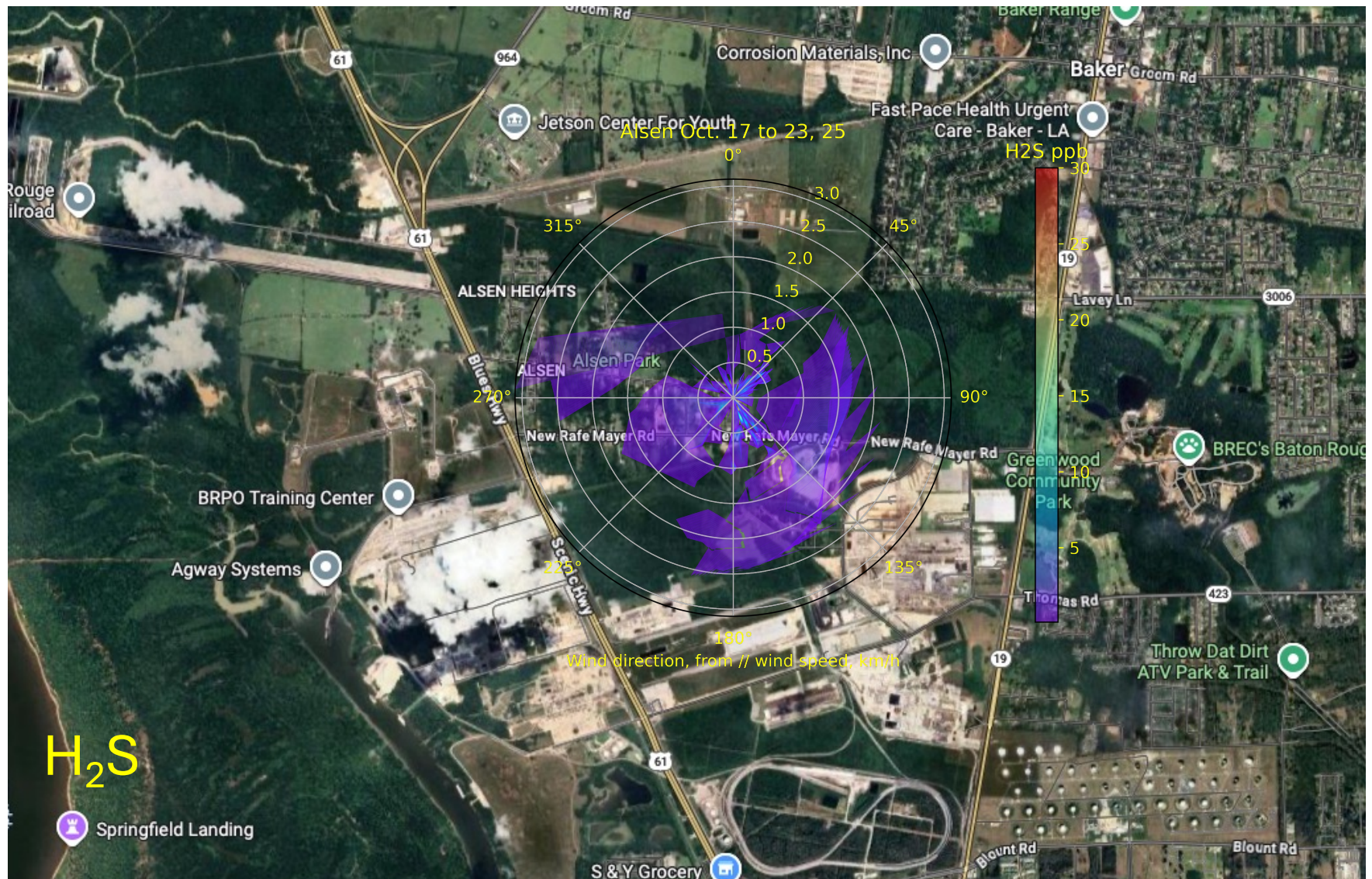


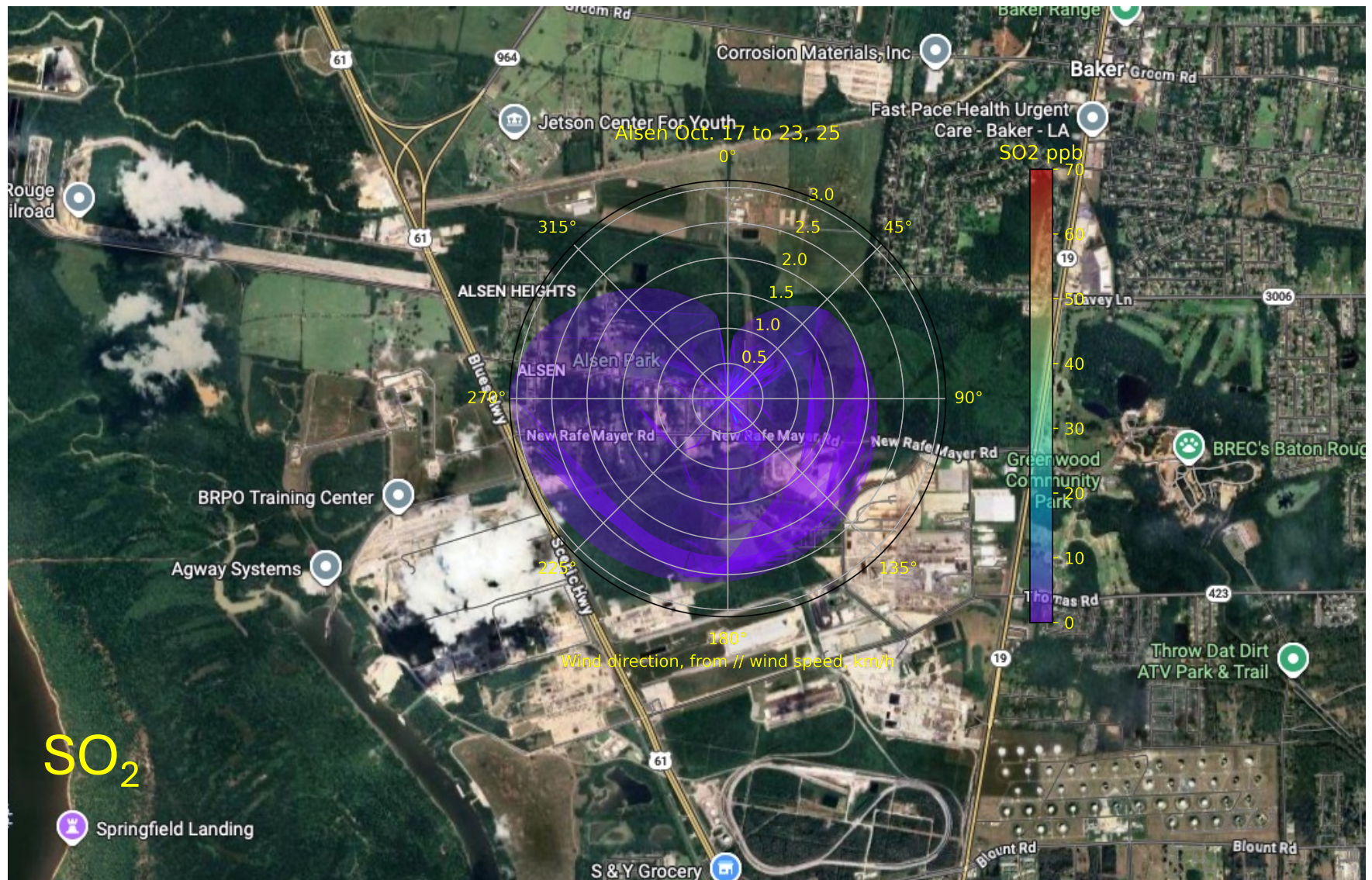
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM10 4 to 8	12.3	12.2	8.4	14.8	5.2	31.3	112
PM10 8 to 11	11.6	9.2	7.1	16.6	4.4	24.3	84
PM10 11 to 16	12.6	10.7	8.2	14.8	4.1	47.1	140
PM10 16 to 19	10.1	8.3	6.3	13.3	3.7	23.2	84
PM10 19 to 4	10.5	10.2	7.6	13.0	4.5	20.9	252

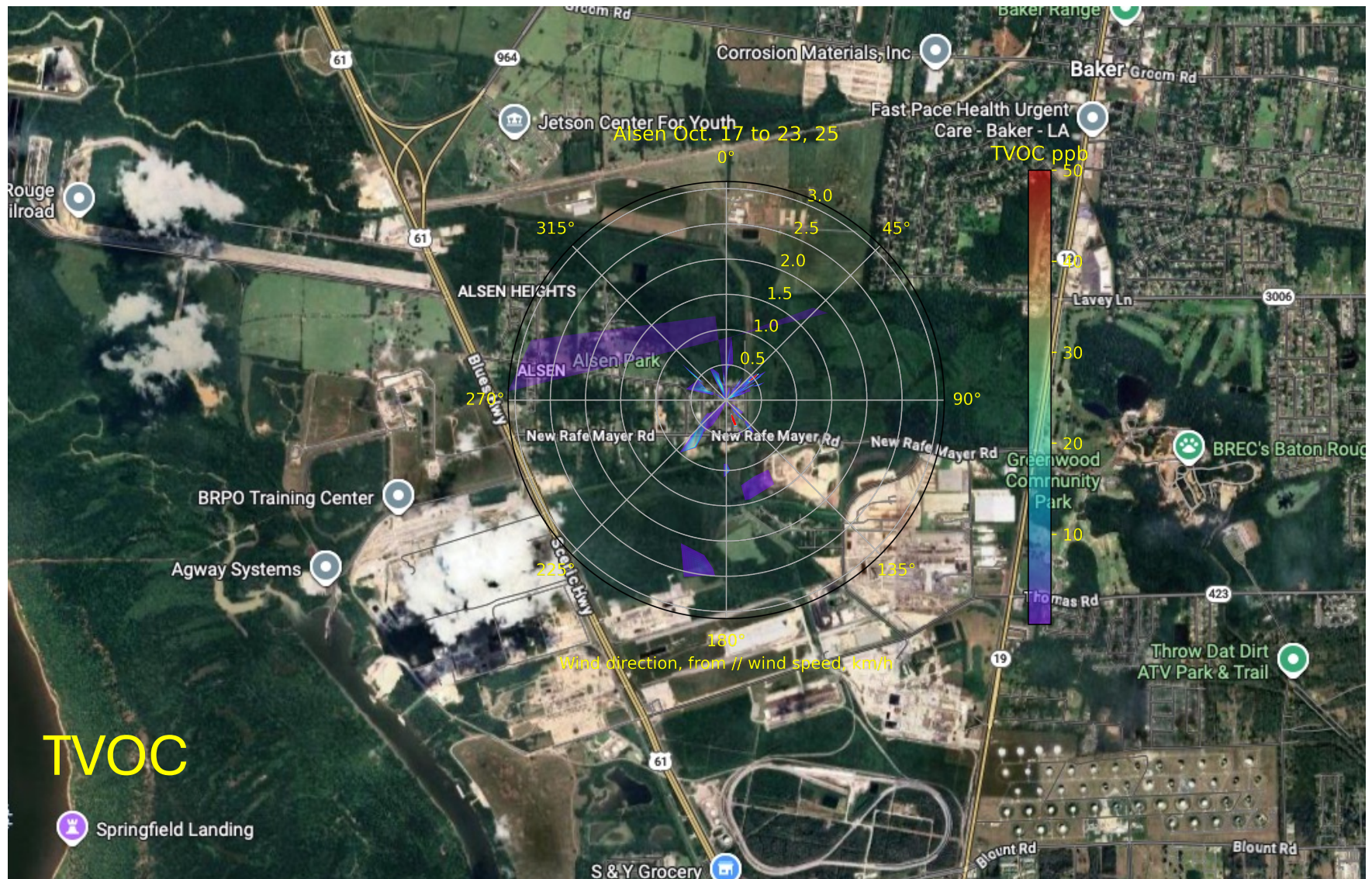
PM1 data is not referenced and calibrated against regulatory monitor

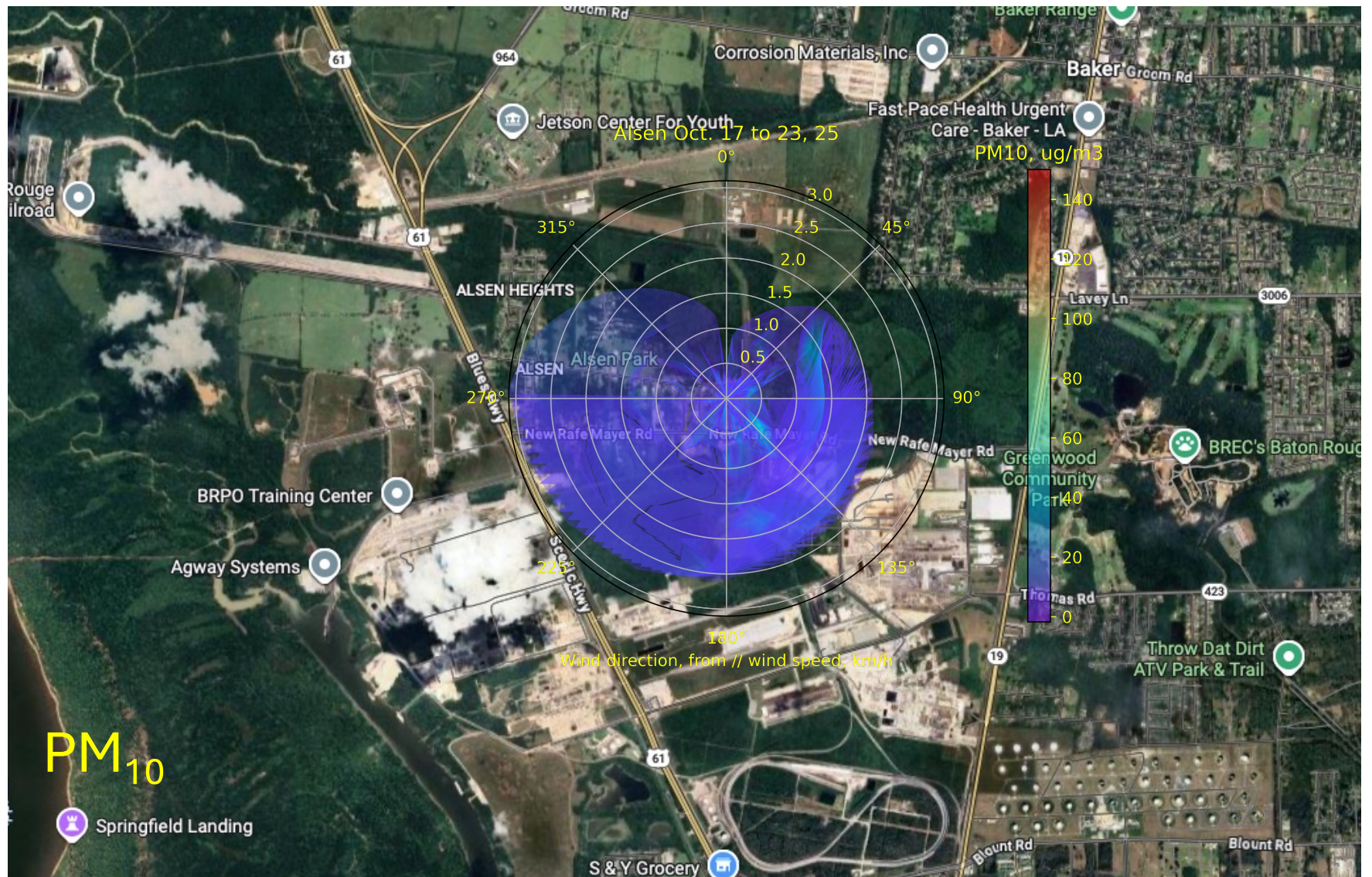


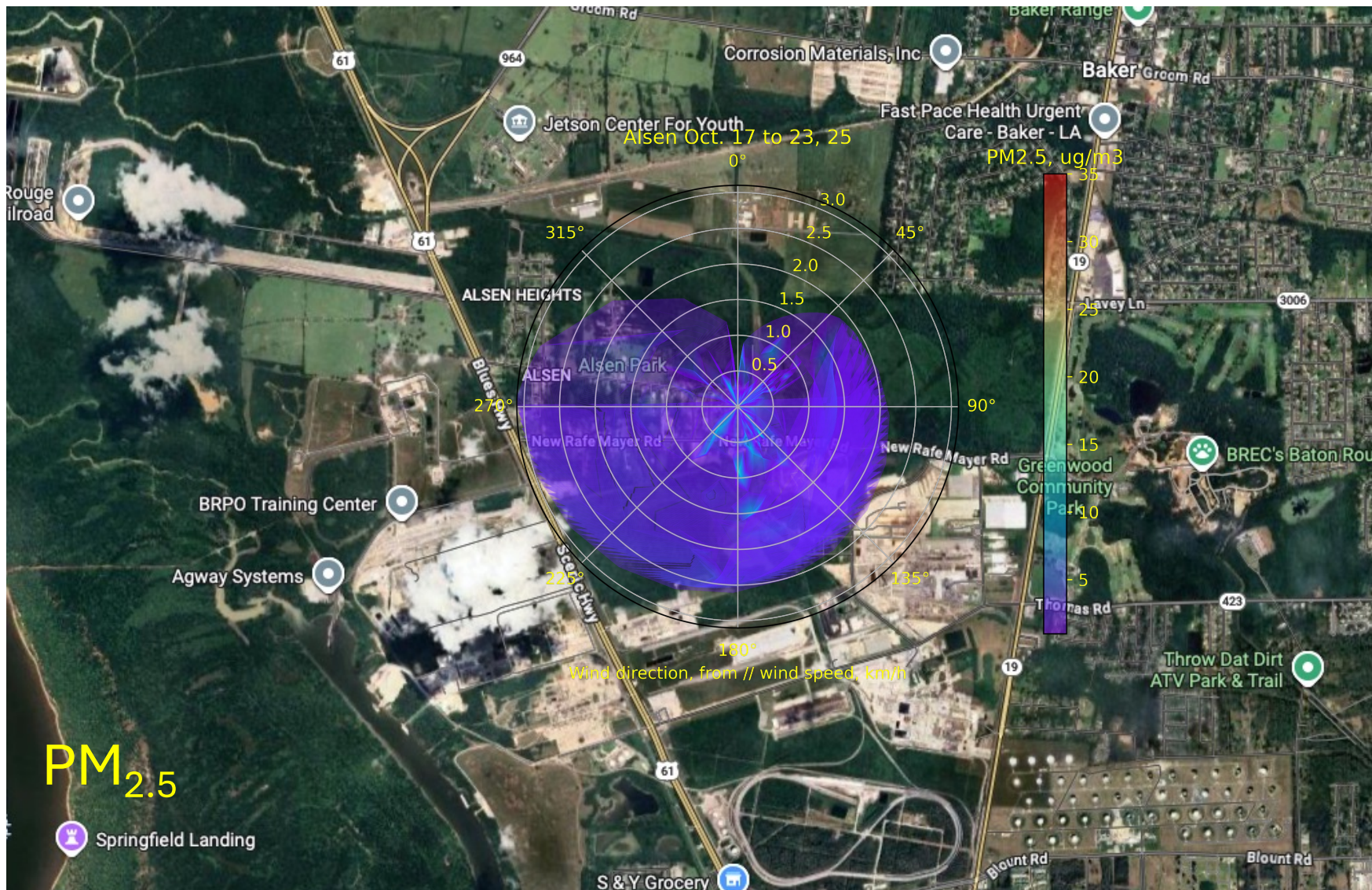


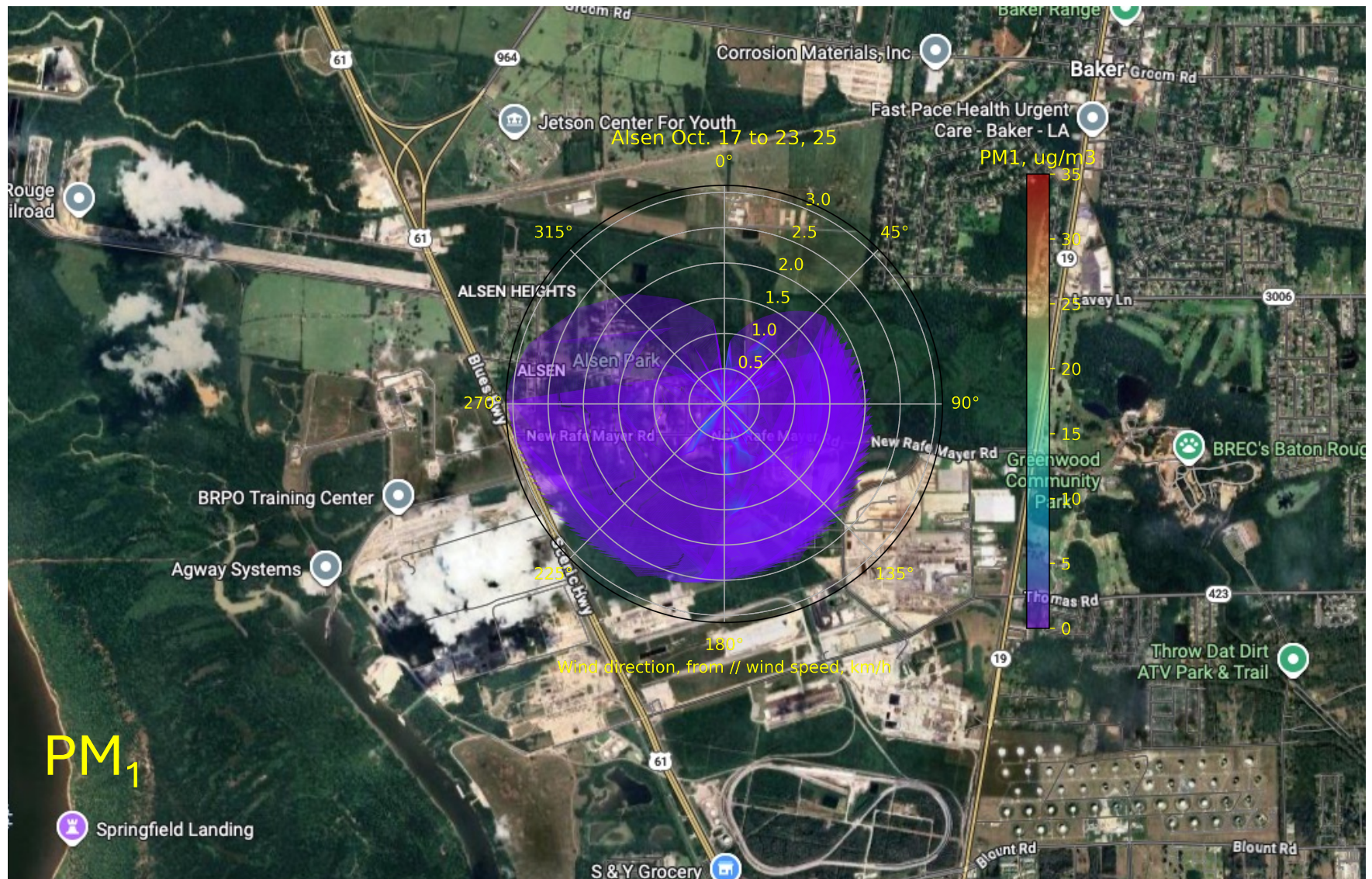












ALSEN POD

10/17-10/23

- NO₂ elevated levels associated with the wind from South-Southwest.
- Occasional TVOC spikes, likely local or nearby South-East direction (combustion related)

