

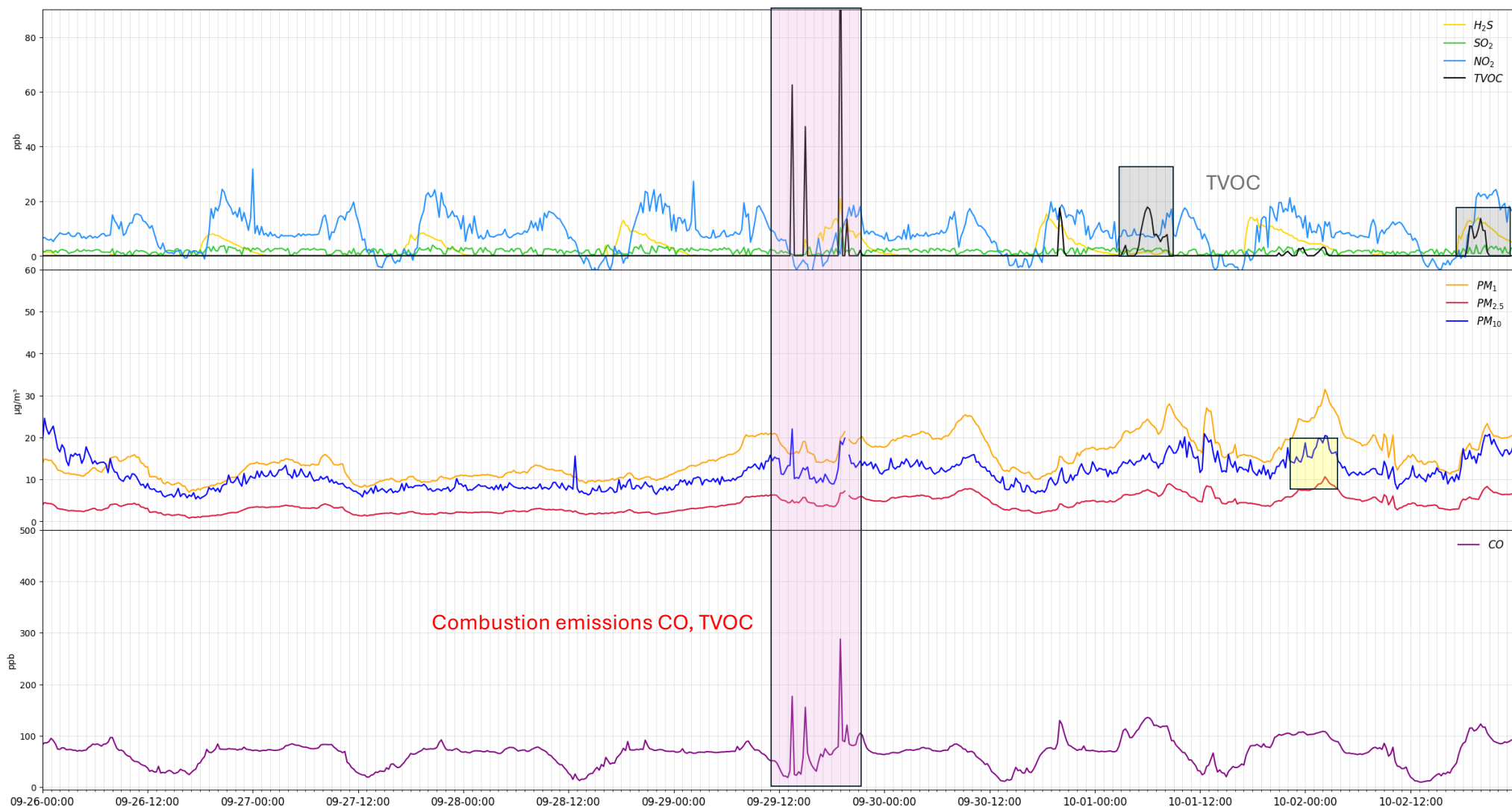
Alsen POD

September 26 – October 2, 2025

Disclaimer

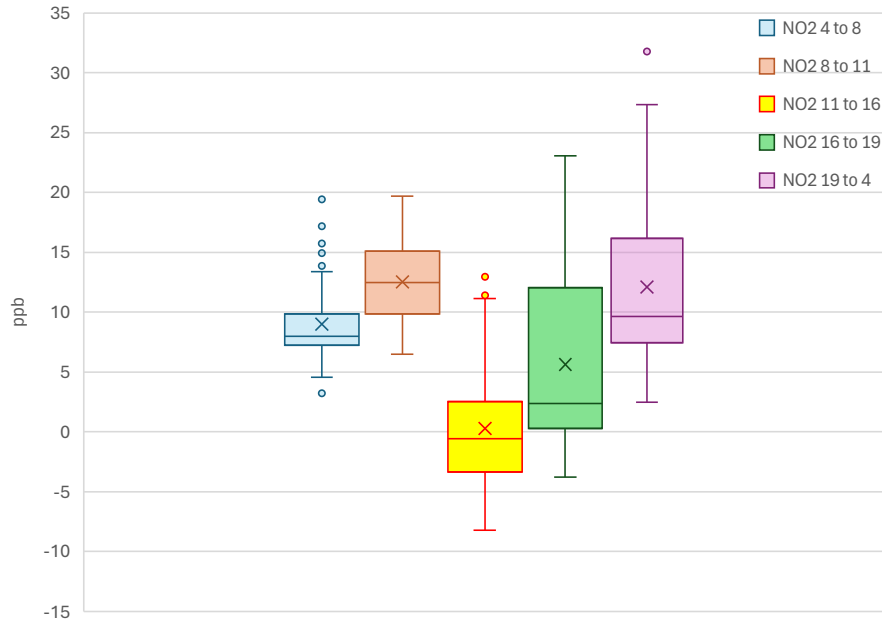
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



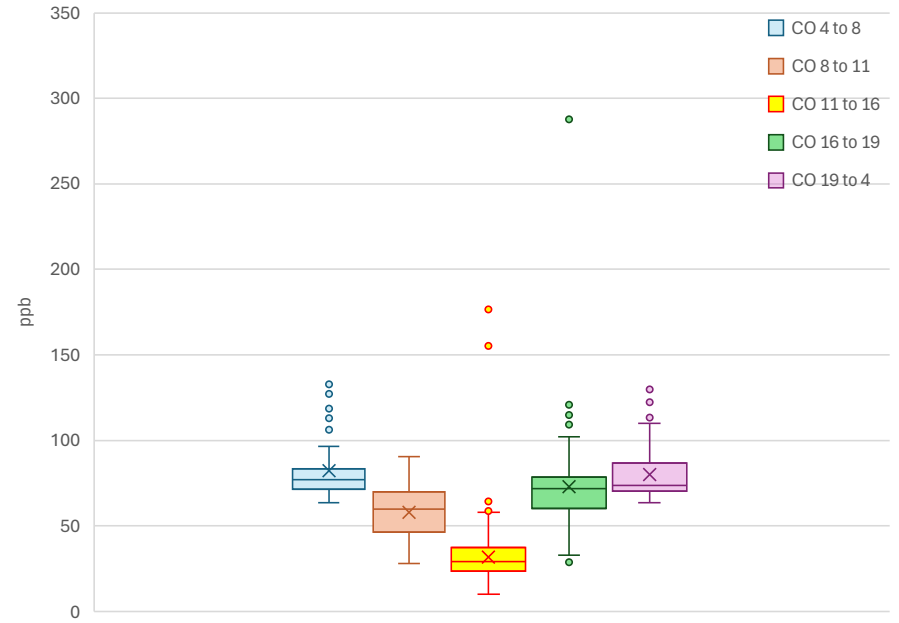
Hourly concentration distribution

NO2 hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO2 4 to 8	9.0	8.0	7.2	9.9	3.2	19.4	112
NO2 8 to 11	12.5	12.5	9.9	15.1	6.5	19.7	84
NO2 11 to 16	0.3	-0.6	-3.3	2.5	-8.2	13.0	140
NO2 16 to 19	5.6	2.4	0.3	12.1	-3.8	23.1	84
NO2 19 to 4	12.1	9.7	7.4	16.2	2.5	31.8	252

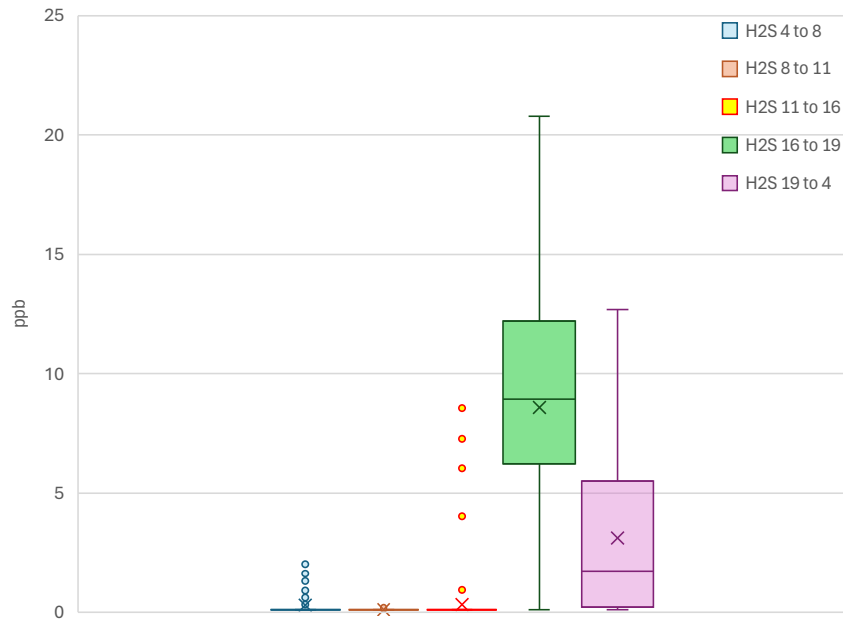
CO hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	82.2	77.0	71.4	83.6	63.5	135.6	112
CO 8 to 11	58.1	59.7	46.2	70.0	27.9	90.6	84
CO 11 to 16	31.9	29.2	23.5	37.5	10.1	176.6	140
CO 16 to 19	73.0	71.7	60.2	78.7	28.8	287.7	84
CO 19 to 4	79.9	73.7	70.1	87.1	63.5	129.8	252

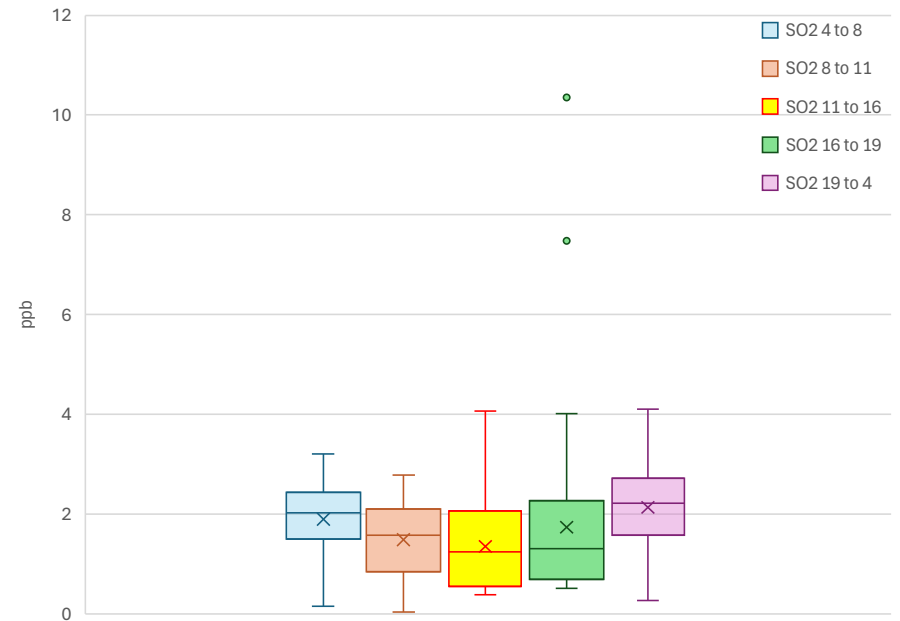
Hourly concentration distribution

H2S hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H2S 4 to 8	0.3	0.1	0.1	0.0	0.0	2.0	112
H2S 8 to 11	0.1	0.1	0.1	0.1	0.1	0.3	84
H2S 11 to 16	0.3	0.1	0.1	0.1	0.1	8.6	140
H2S 16 to 19	8.6	8.9	6.2	12.2	0.1	20.8	84
H2S 19 to 4	3.1	1.7	0.2	5.5	0.1	12.7	252

SO2 hourly distribution

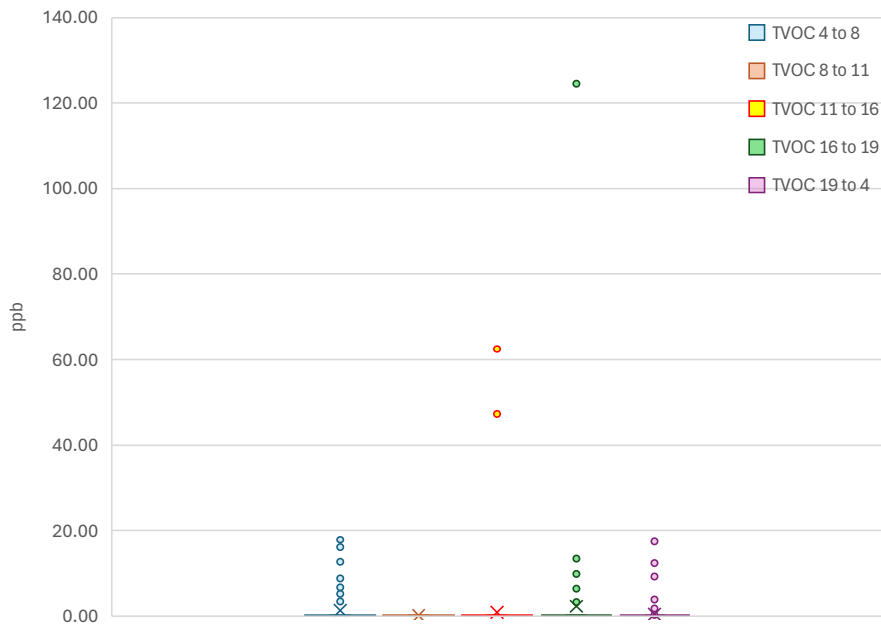


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO2 4 to 8	1.9	2.0	1.5	2.4	0.2	3.2	112
SO2 8 to 11	1.5	1.6	0.8	2.1	0.0	2.8	84
SO2 11 to 16	1.4	1.3	0.6	2.1	0.4	4.1	140
SO2 16 to 19	1.7	1.3	0.7	2.3	0.5	10.4	84
SO2 19 to 4	2.1	2.2	1.6	2.7	0.3	4.1	252

H₂S data is not referenced and calibrated against regulatory monitor

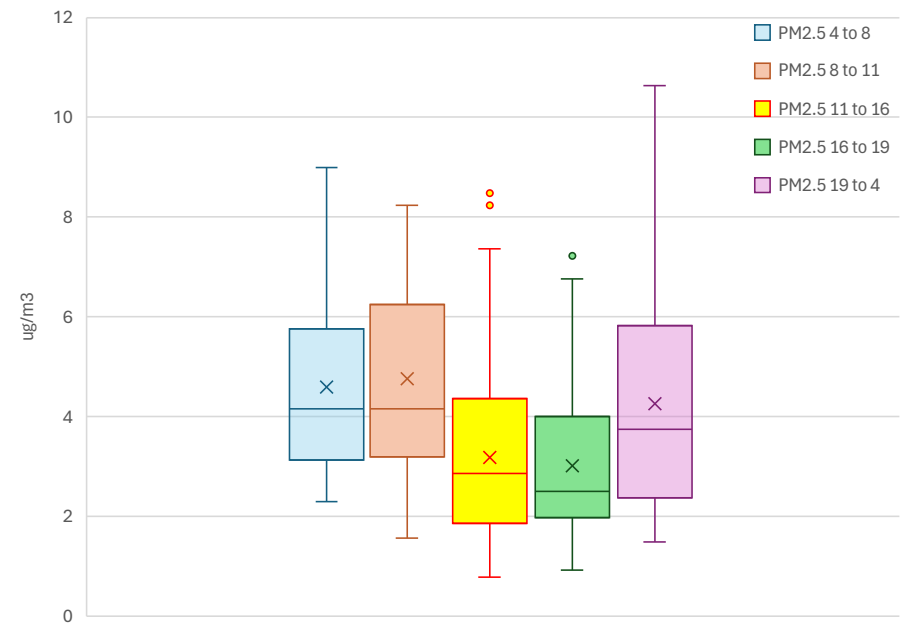
Hourly concentration distribution

TVOC hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	1.3	0.1	0.1	0.1	0.1	17.9	112
TVOC 8 to 11	0.1	0.1	0.1	0.1	0.1	0.1	84
TVOC 11 to 16	0.9	0.1	0.1	0.1	0.1	62.5	140
TVOC 16 to 19	2.3	0.1	0.1	0.1	0.1	124.5	84
TVOC 19 to 4	0.5	0.1	0.1	0.1	0.1	17.6	252

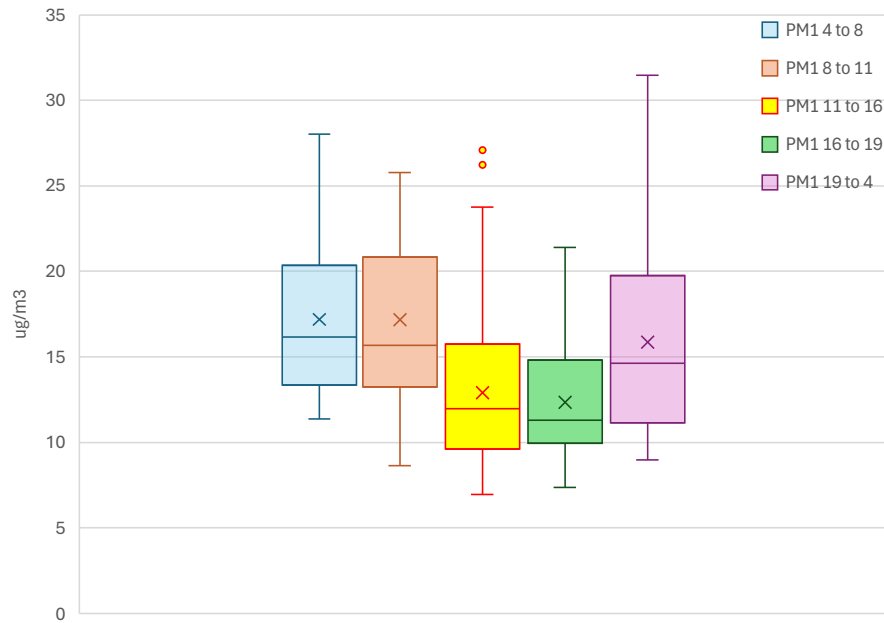
PM2.5 hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM2.5 4 to 8	4.6	4.2	3.1	5.8	2.3	9.0	112
PM2.5 8 to 11	4.8	4.2	3.2	6.2	1.6	8.2	84
PM2.5 11 to 16	3.2	2.9	1.9	4.4	0.8	8.5	140
PM2.5 16 to 19	3.0	2.5	2.0	4.0	0.9	7.2	83
PM2.5 19 to 4	4.3	3.7	2.3	5.8	1.5	10.6	252

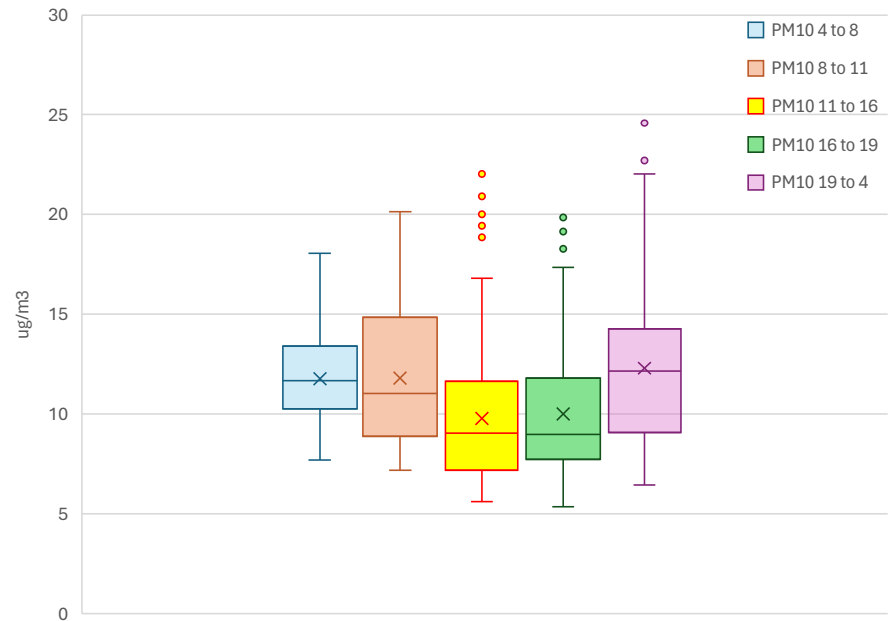
Hourly concentration distribution

PM1 hourly distribution



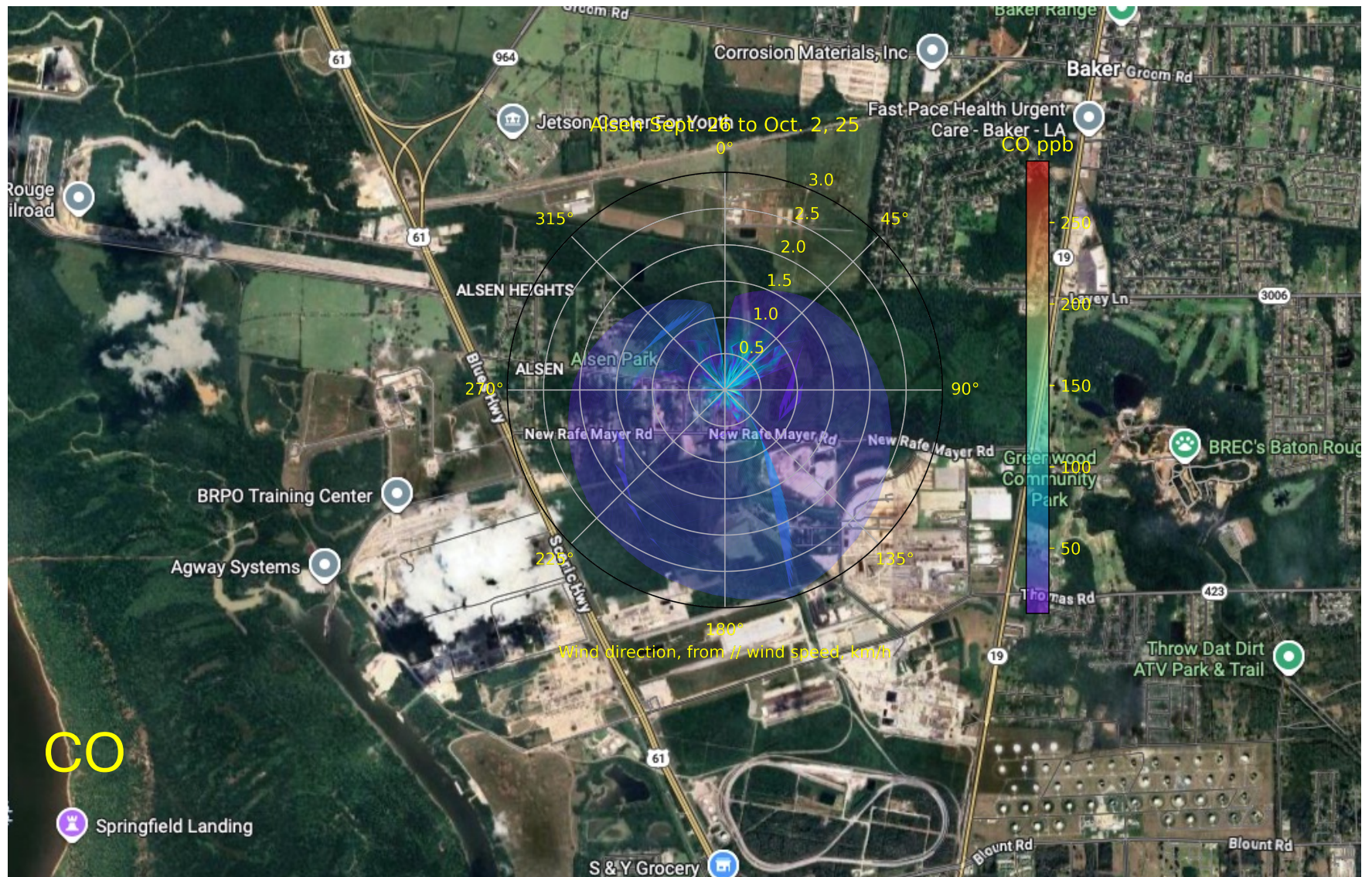
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM1 4 to 8	17.2	16.2	13.3	20.3	11.4	28.0	112
PM1 8 to 11	17.2	15.7	13.2	20.8	8.7	25.8	84
PM1 11 to 16	12.9	12.0	9.6	15.8	7.0	27.1	140
PM1 16 to 19	12.4	11.3	10.0	14.8	7.4	21.4	83
PM1 19 to 4	15.9	14.6	11.1	19.8	9.0	31.5	252

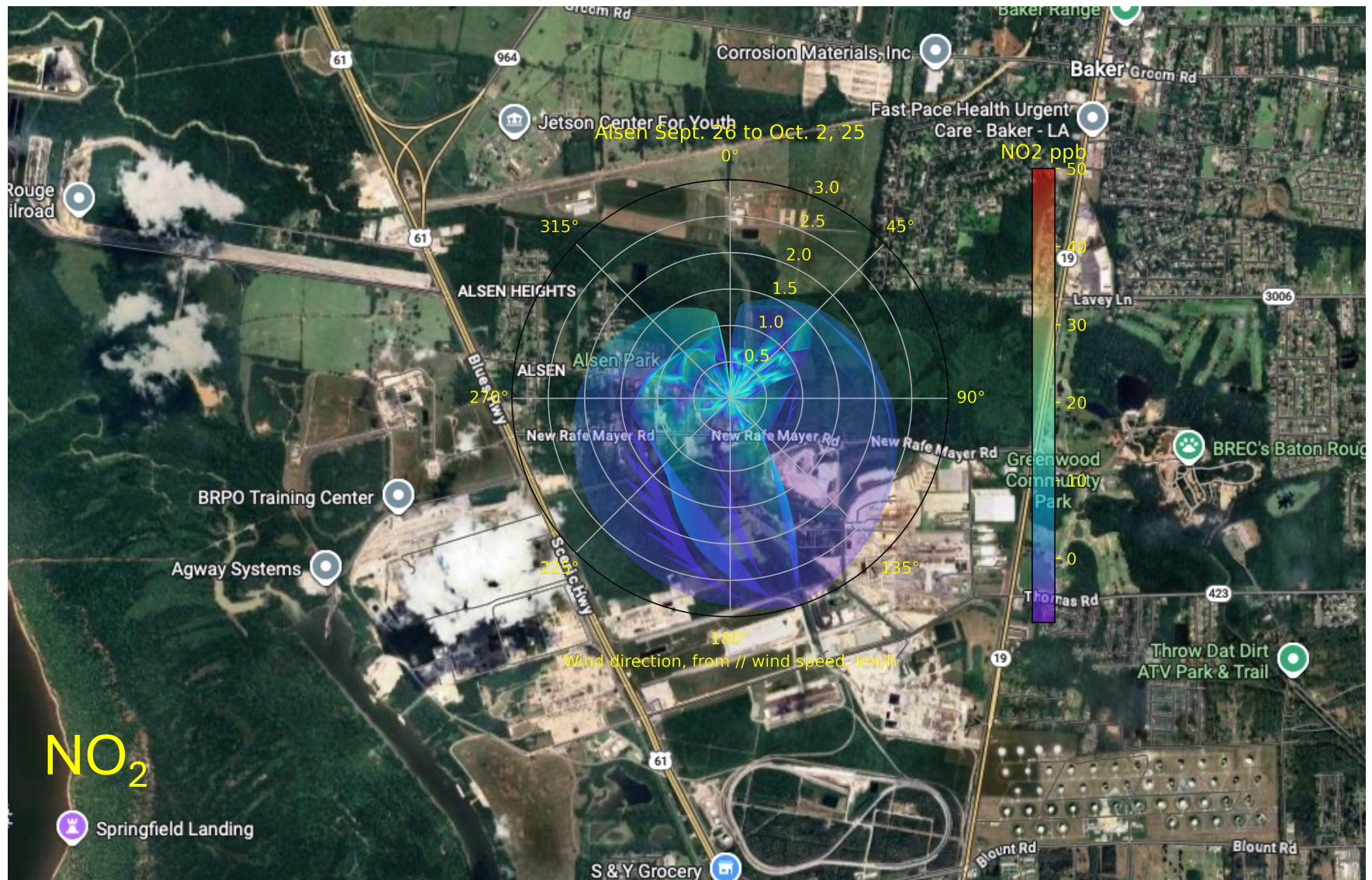
PM10 hourly distribution

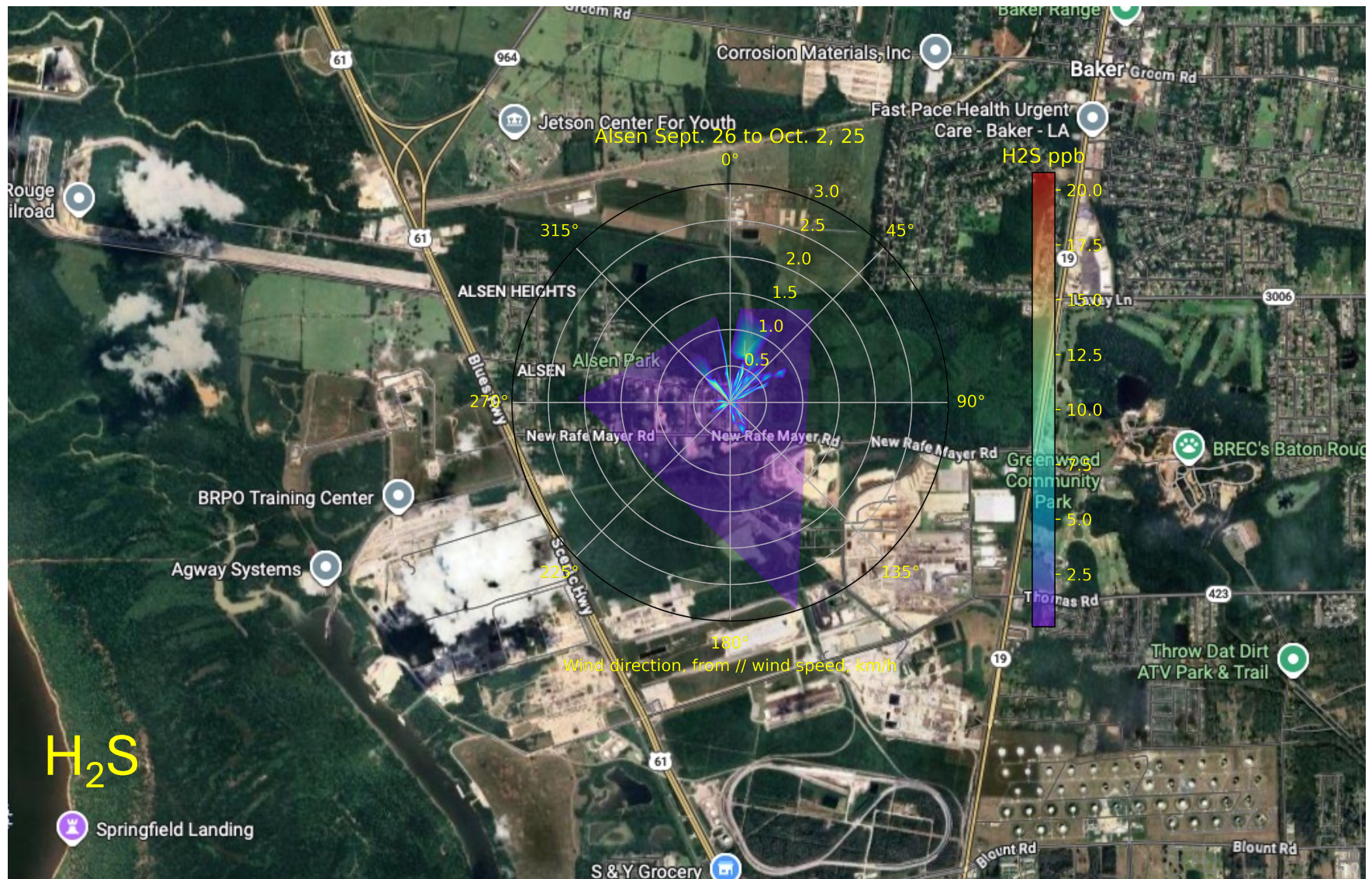


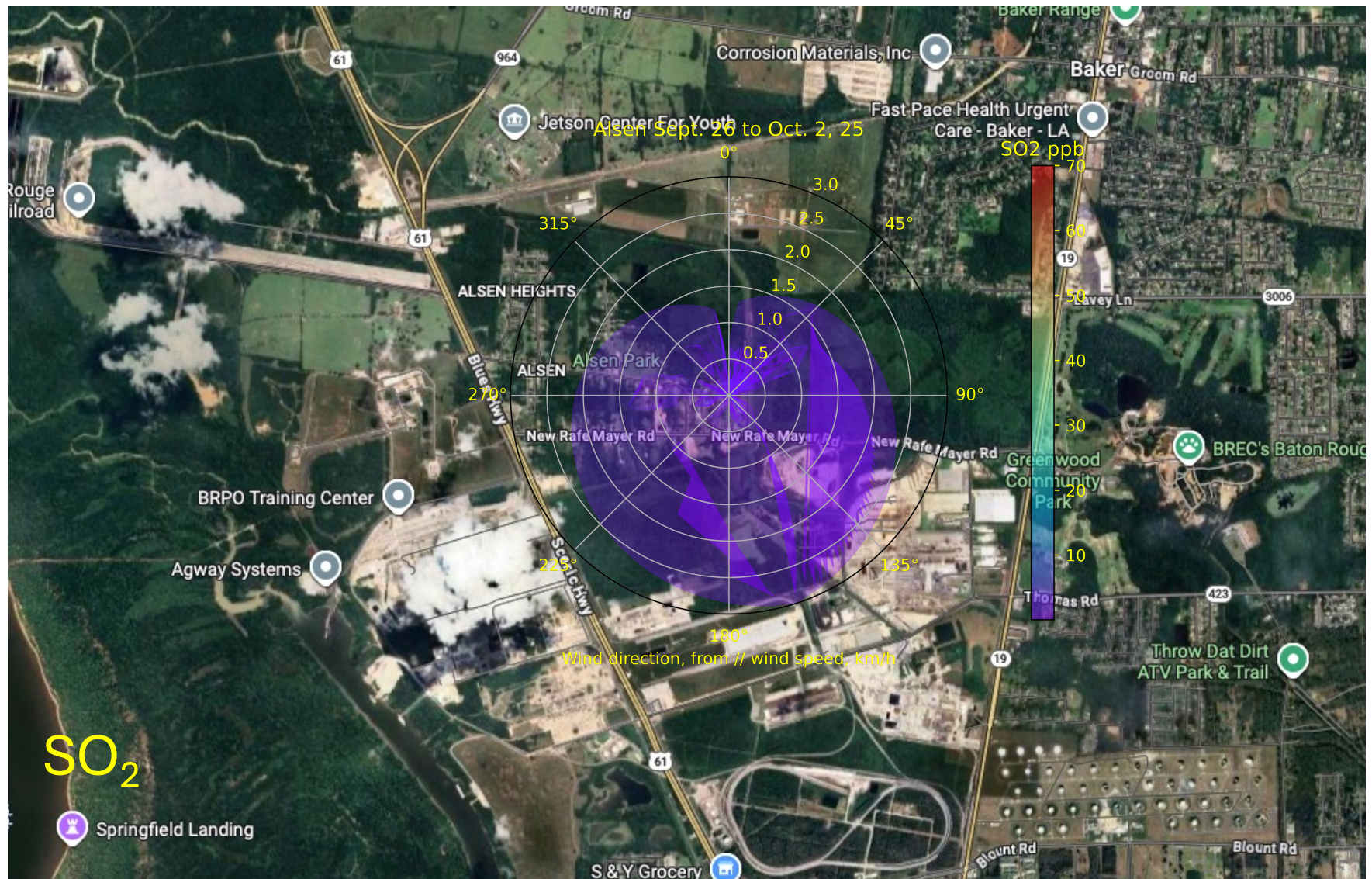
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM10 4 to 8	11.8	11.7	10.2	13.5	7.7	18.0	112
PM10 8 to 11	11.8	11.0	8.9	14.8	7.2	20.2	84
PM10 11 to 16	9.8	9.0	7.2	11.6	5.6	22.0	140
PM10 16 to 19	10.0	9.0	7.7	11.8	5.4	19.9	83
PM10 19 to 4	12.3	12.1	9.0	14.3	6.4	24.6	252

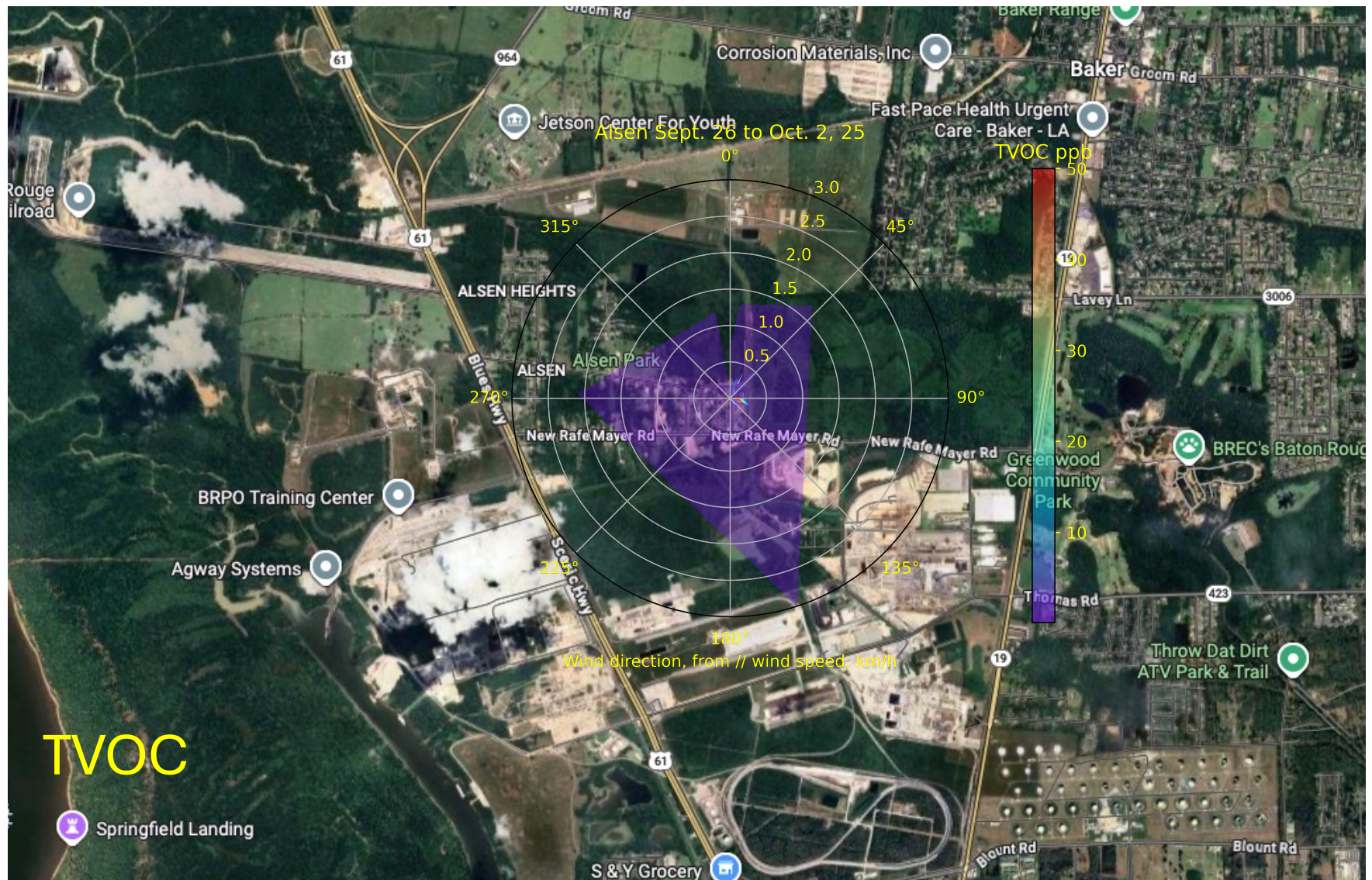
PM1 data is not referenced and calibrated against regulatory monitor

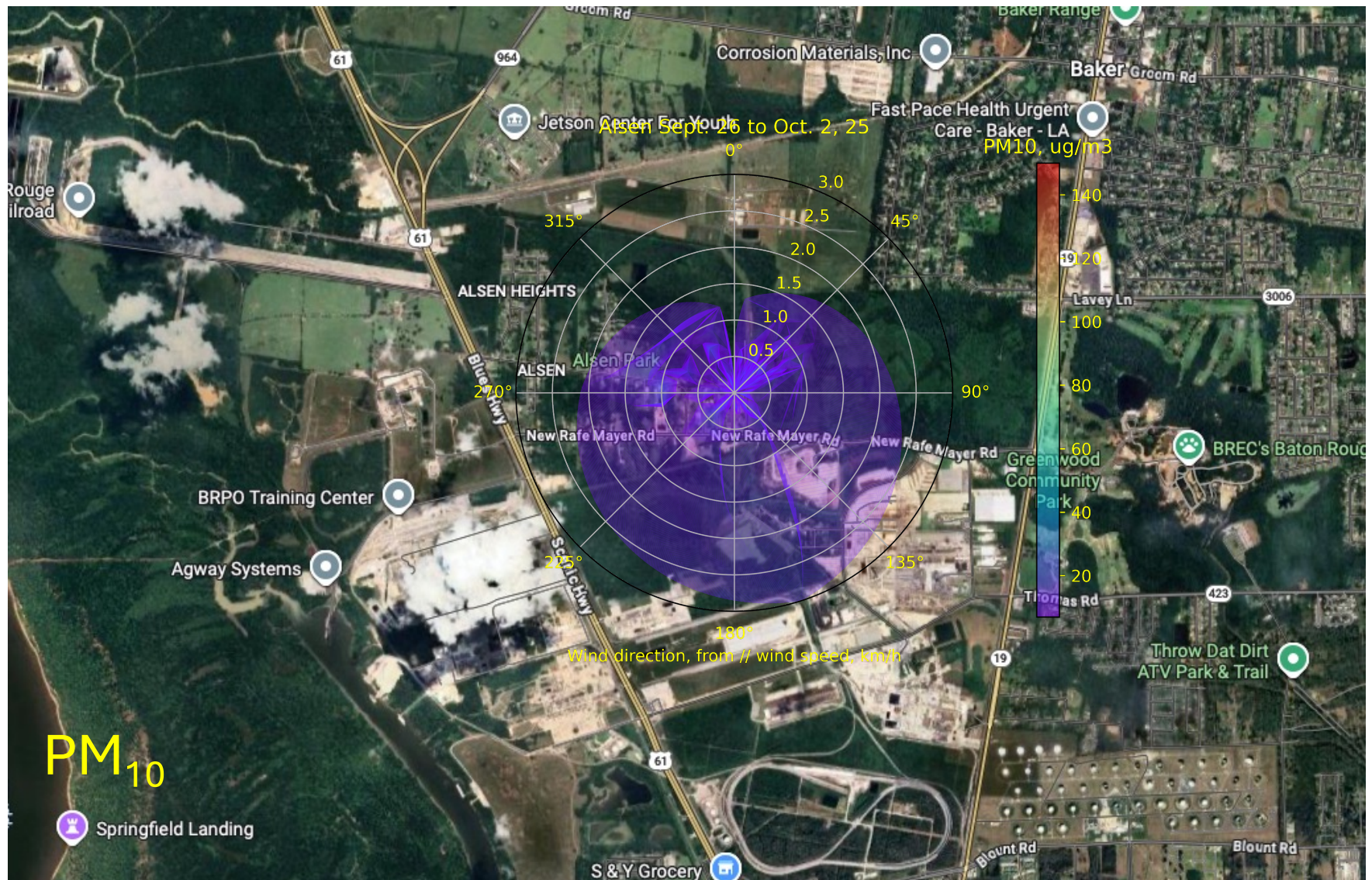


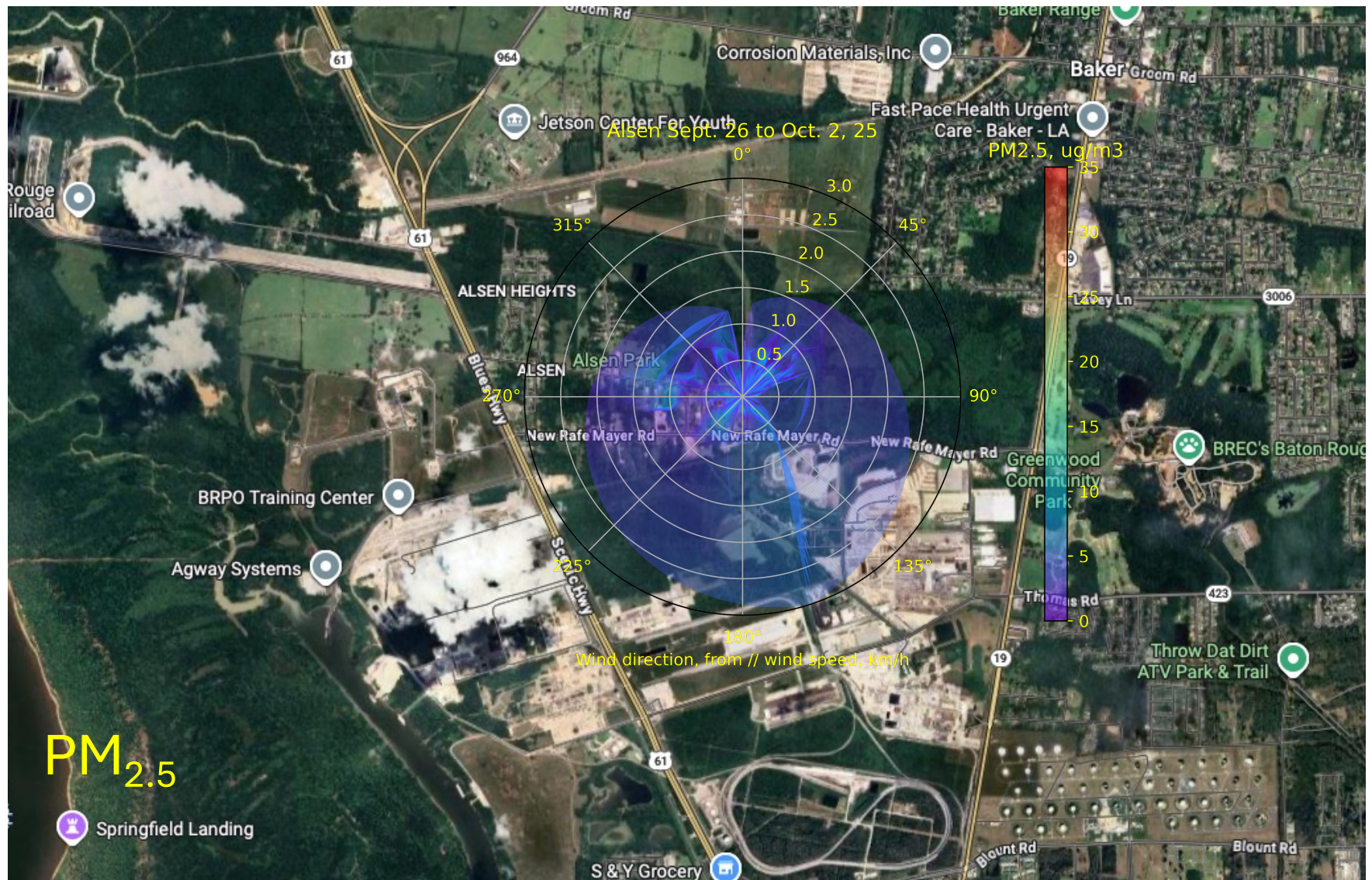


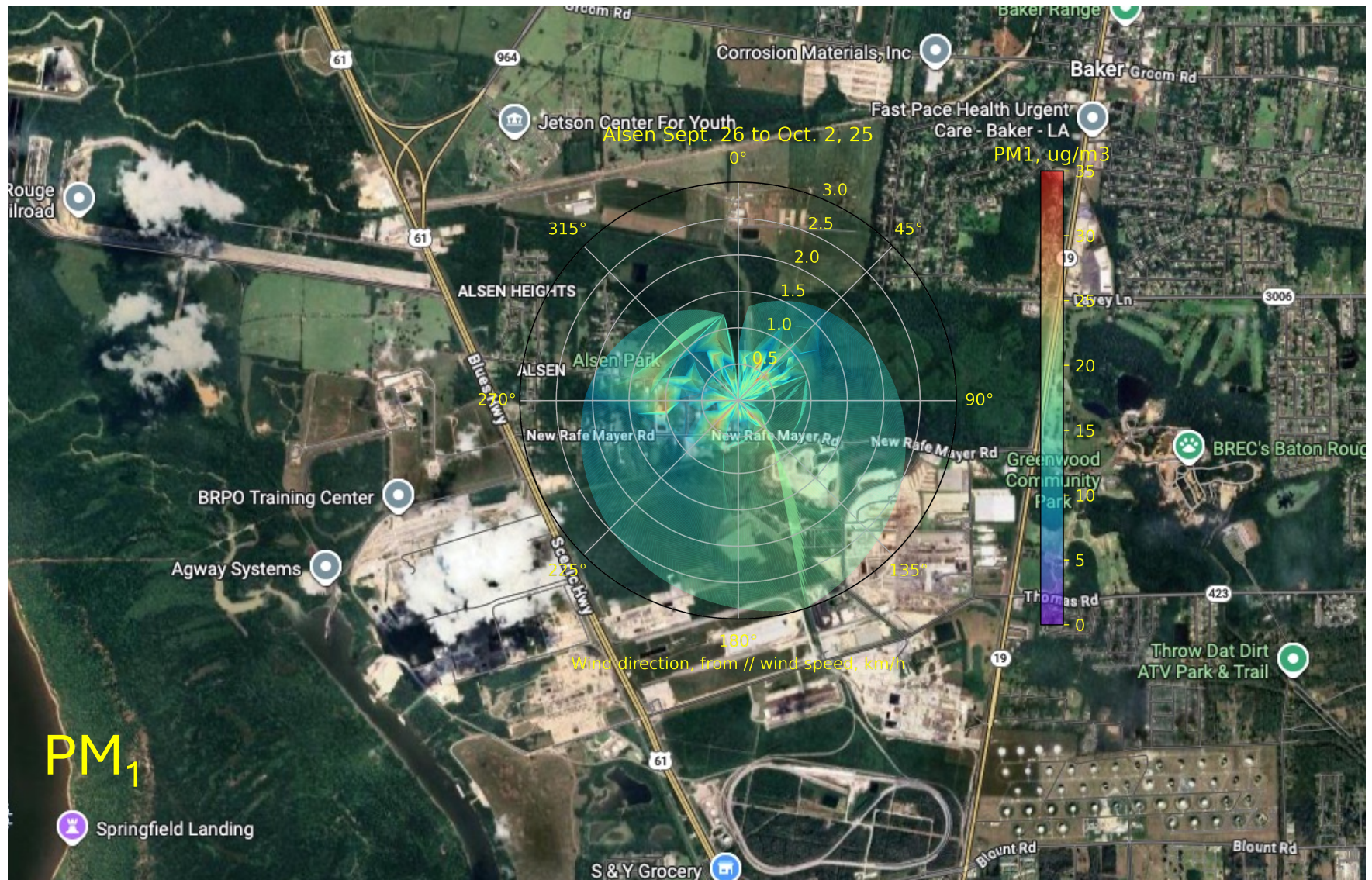












ALSEN POD

09/26-10/02

- NO significant events.
- Occasional combustion spikes, local origin

