

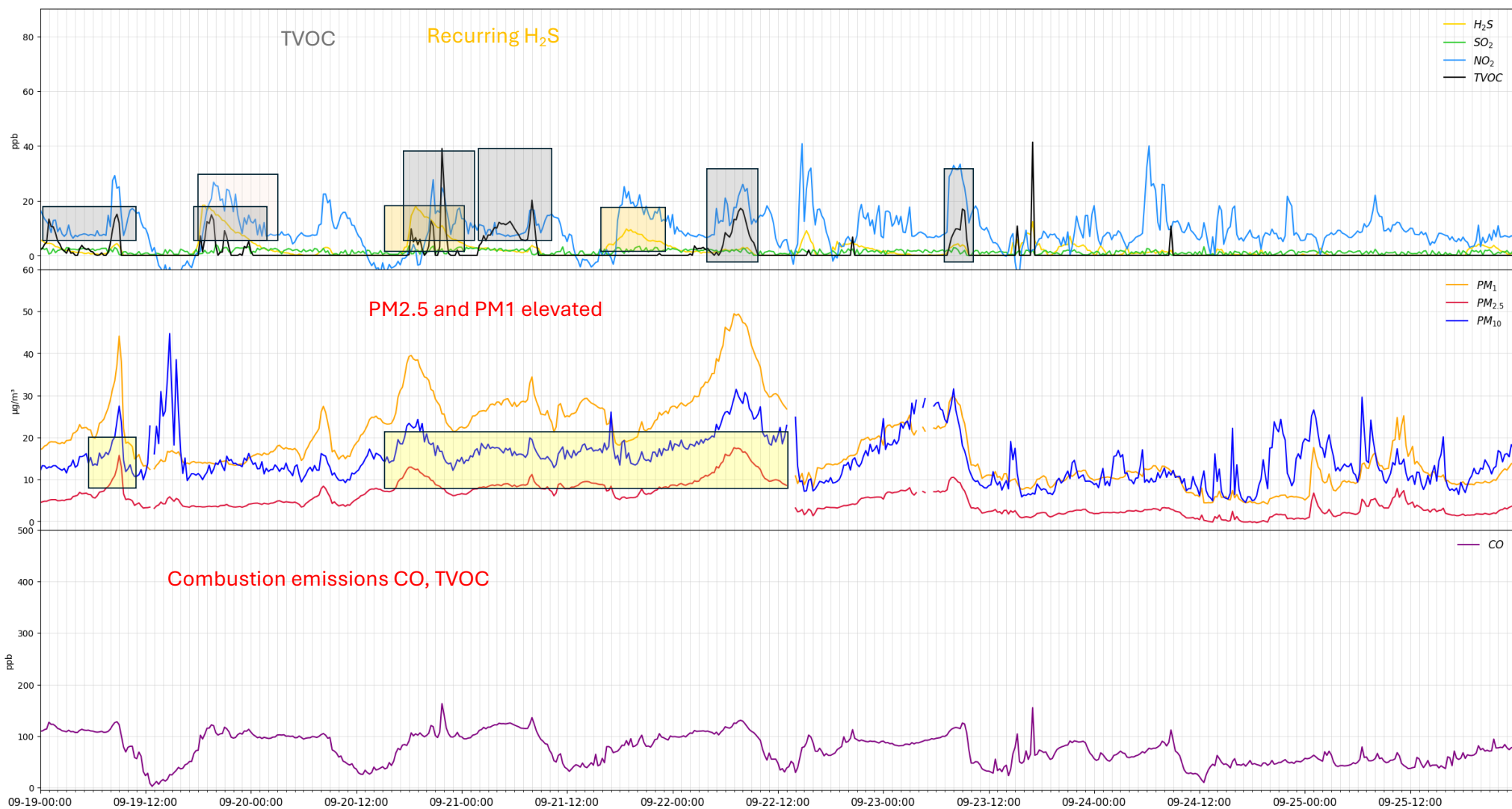
Alsen POD

September 19-25, 2025

Disclaimer

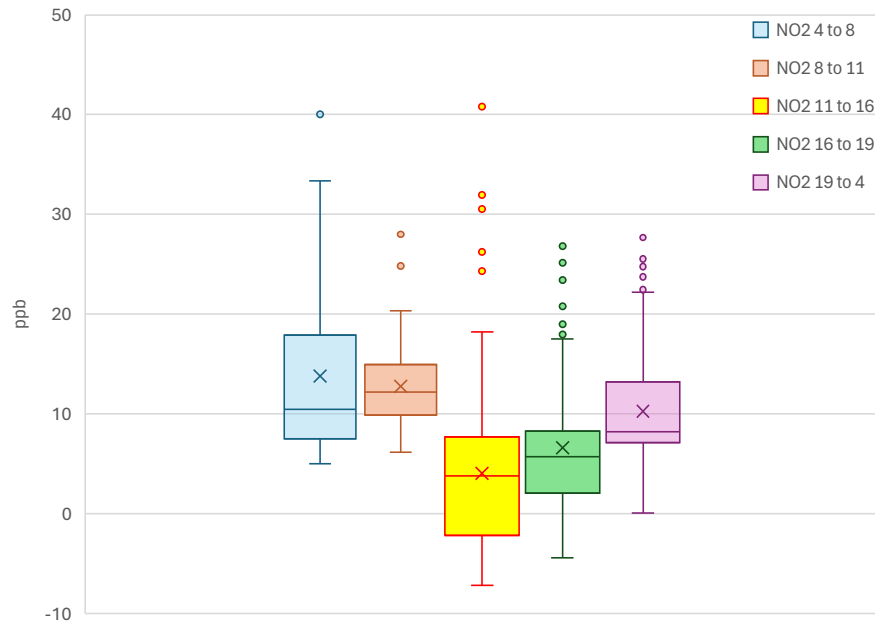
The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



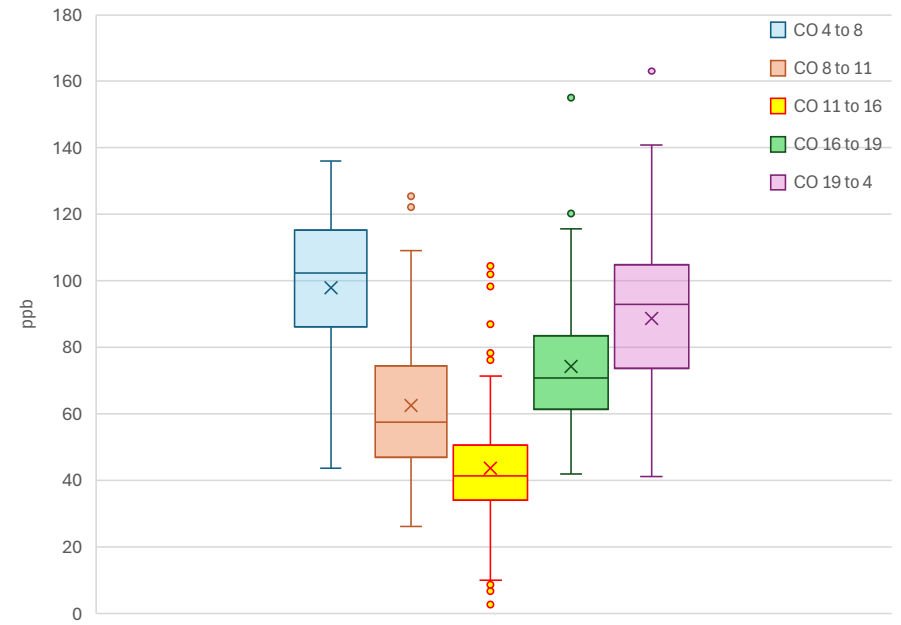
Hourly concentration distribution

NO2 hourly distribution



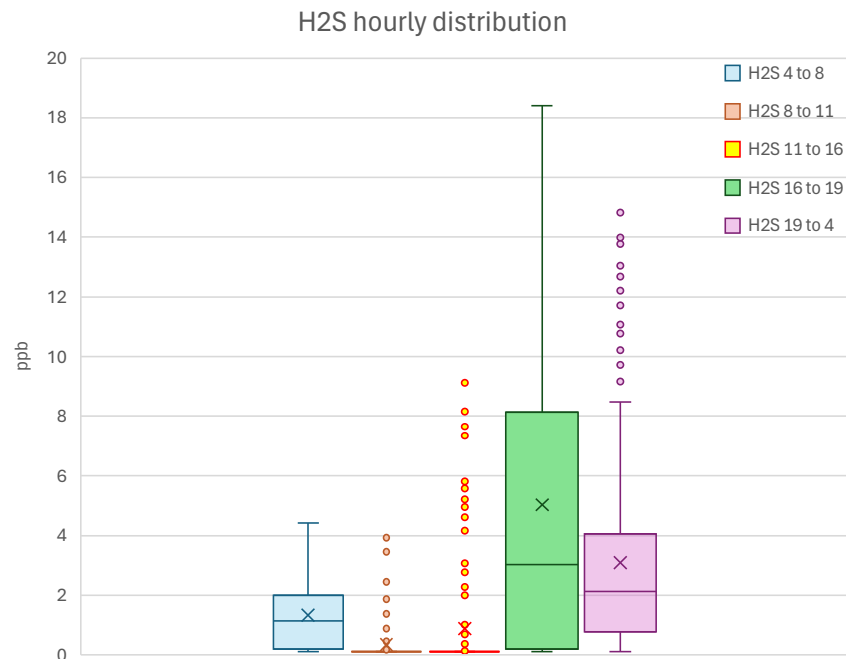
ppb	Mean	Median	Q1	Q3	Min	Max	# points
NO2 4 to 8	13.8	10.4	7.4	18.5	5.0	40.1	112
NO2 8 to 11	12.8	12.2	9.9	14.9	6.1	28.0	84
NO2 11 to 16	4.0	3.8	-2.2	7.7	-7.2	40.8	140
NO2 16 to 19	6.6	5.7	2.1	8.3	-4.4	26.8	84
NO2 19 to 4	10.3	8.2	7.1	13.3	0.1	27.7	252

CO hourly distribution

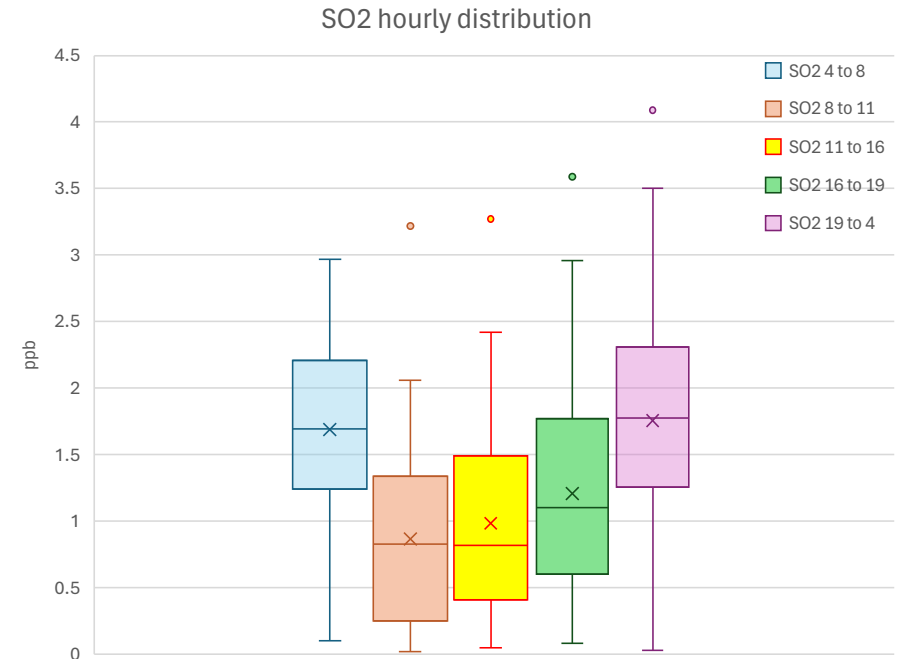


ppb	Mean	Median	Q1	Q3	Min	Max	# points
CO 4 to 8	98.0	102.3	83.7	115.3	43.6	136.0	112
CO 8 to 11	62.6	57.5	47.0	74.4	26.3	125.4	84
CO 11 to 16	43.6	41.5	34.1	50.7	2.6	104.4	140
CO 16 to 19	74.3	70.7	61.3	83.5	41.9	155.2	84
CO 19 to 4	88.7	92.9	73.6	105.0	41.2	163.1	252

Hourly concentration distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
H2S 4 to 8	1.3	1.1	0.2	2.5	0.0	4.4	112
H2S 8 to 11	0.4	0.1	0.1	0.1	0.1	3.9	84
H2S 11 to 16	0.9	0.1	0.1	0.1	0.1	9.1	140
H2S 16 to 19	5.0	3.0	0.2	8.2	0.1	18.4	84
H2S 19 to 4	3.1	2.1	0.8	4.1	0.1	14.9	252

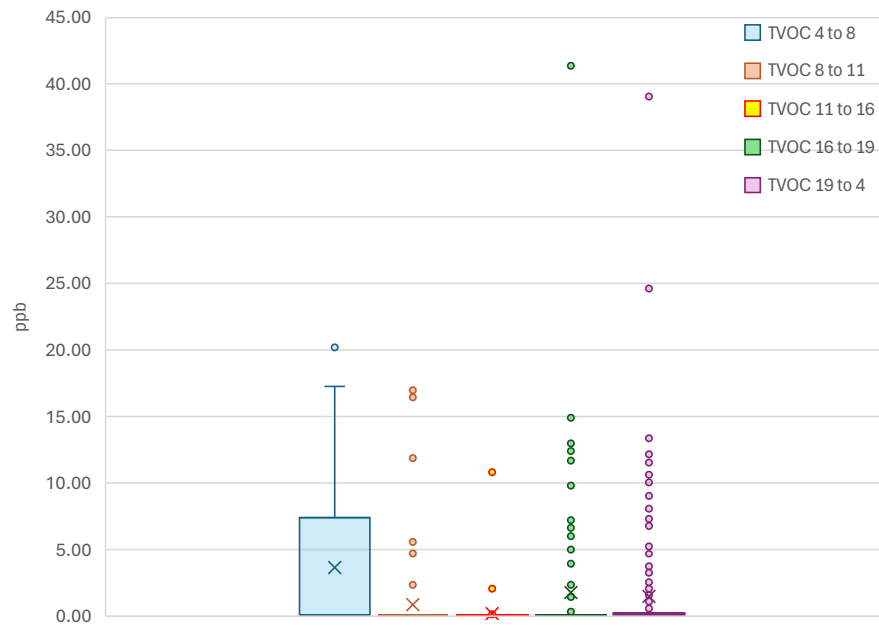


ppb	Mean	Median	Q1	Q3	Min	Max	# points
SO2 4 to 8	1.7	1.7	1.2	2.2	0.1	3.0	112
SO2 8 to 11	0.9	0.8	0.3	1.3	0.0	3.2	84
SO2 11 to 16	1.0	0.8	0.4	1.5	0.1	3.3	140
SO2 16 to 19	1.2	1.1	0.6	1.8	0.1	3.6	84
SO2 19 to 4	1.8	1.8	1.2	2.3	0.0	4.1	252

H₂S data is not referenced and calibrated against regulatory monitor

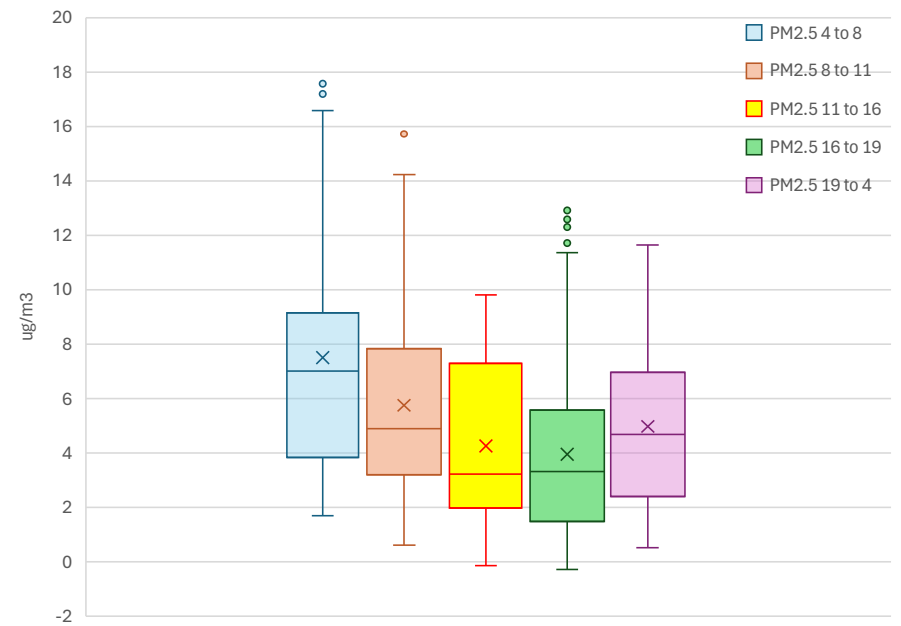
Hourly concentration distribution

TVOC hourly distribution



ppb	Mean	Median	Q1	Q3	Min	Max	# points
TVOC 4 to 8	3.7	0.1	0.1	7.5	0.1	20.2	112
TVOC 8 to 11	0.9	0.1	0.1	0.1	0.1	17.0	84
TVOC 11 to 16	0.2	0.1	0.1	0.1	0.1	10.8	140
TVOC 16 to 19	1.8	0.1	0.1	0.1	0.1	41.4	84
TVOC 19 to 4	1.5	0.1	0.1	0.5	0.1	39.1	252

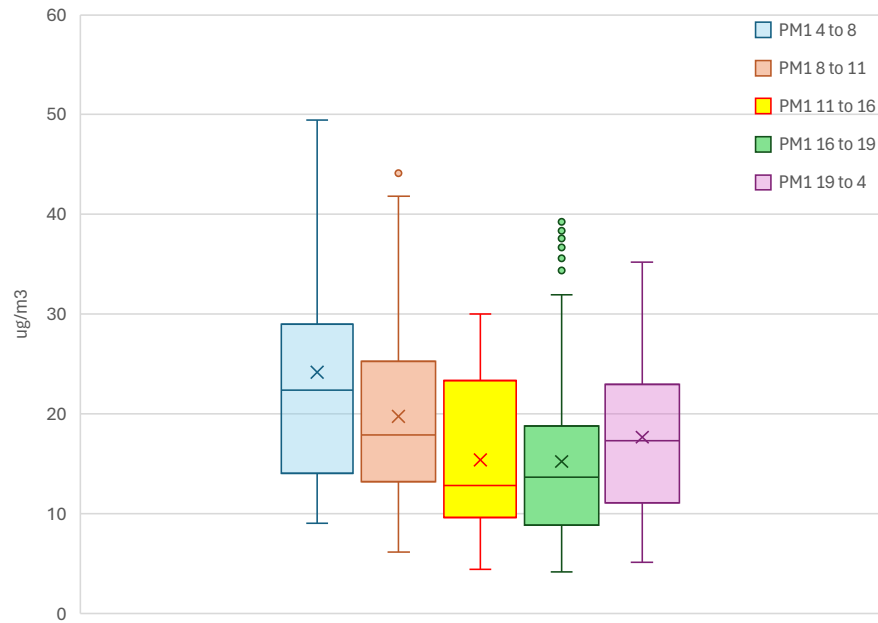
PM2.5 hourly distribution



ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM2.5 4 to 8	7.5	7.0	3.7	9.2	1.7	17.6	110
PM2.5 8 to 11	5.7	4.9	3.2	7.8	0.6	15.7	84
PM2.5 11 to 16	4.3	3.2	2.0	7.3	-0.1	9.8	136
PM2.5 16 to 19	3.9	3.3	1.5	5.6	-0.3	12.9	84
PM2.5 19 to 4	5.0	4.7	2.4	7.0	0.5	11.6	250

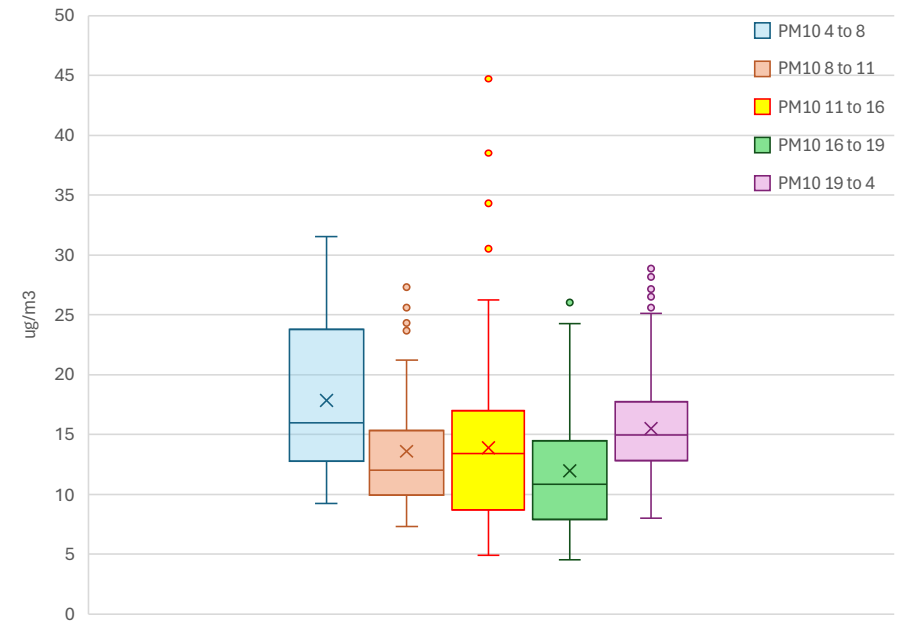
Hourly concentration distribution

PM1 hourly distribution



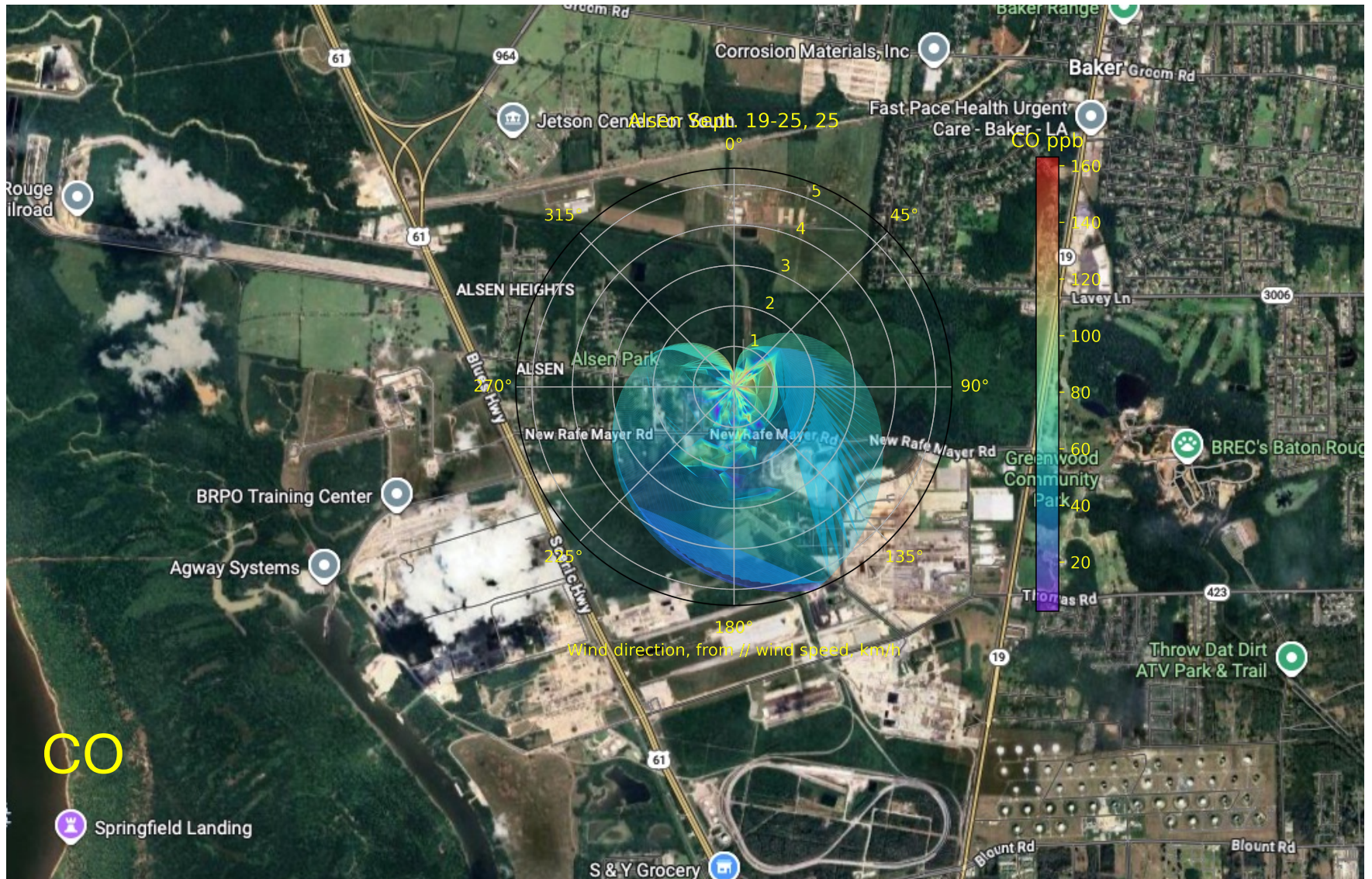
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM1 14 to 8	24.2	22.4	13.8	29.0	9.0	49.4	110
PM1 8 to 11	19.8	17.9	13.2	25.3	6.2	44.1	84
PM1 11 to 16	15.4	12.8	9.6	23.4	4.4	30.0	136
PM1 16 to 19	15.2	13.6	8.9	18.8	4.2	39.5	84
PM1 19 to 4	17.7	17.3	11.0	23.0	5.1	35.2	250

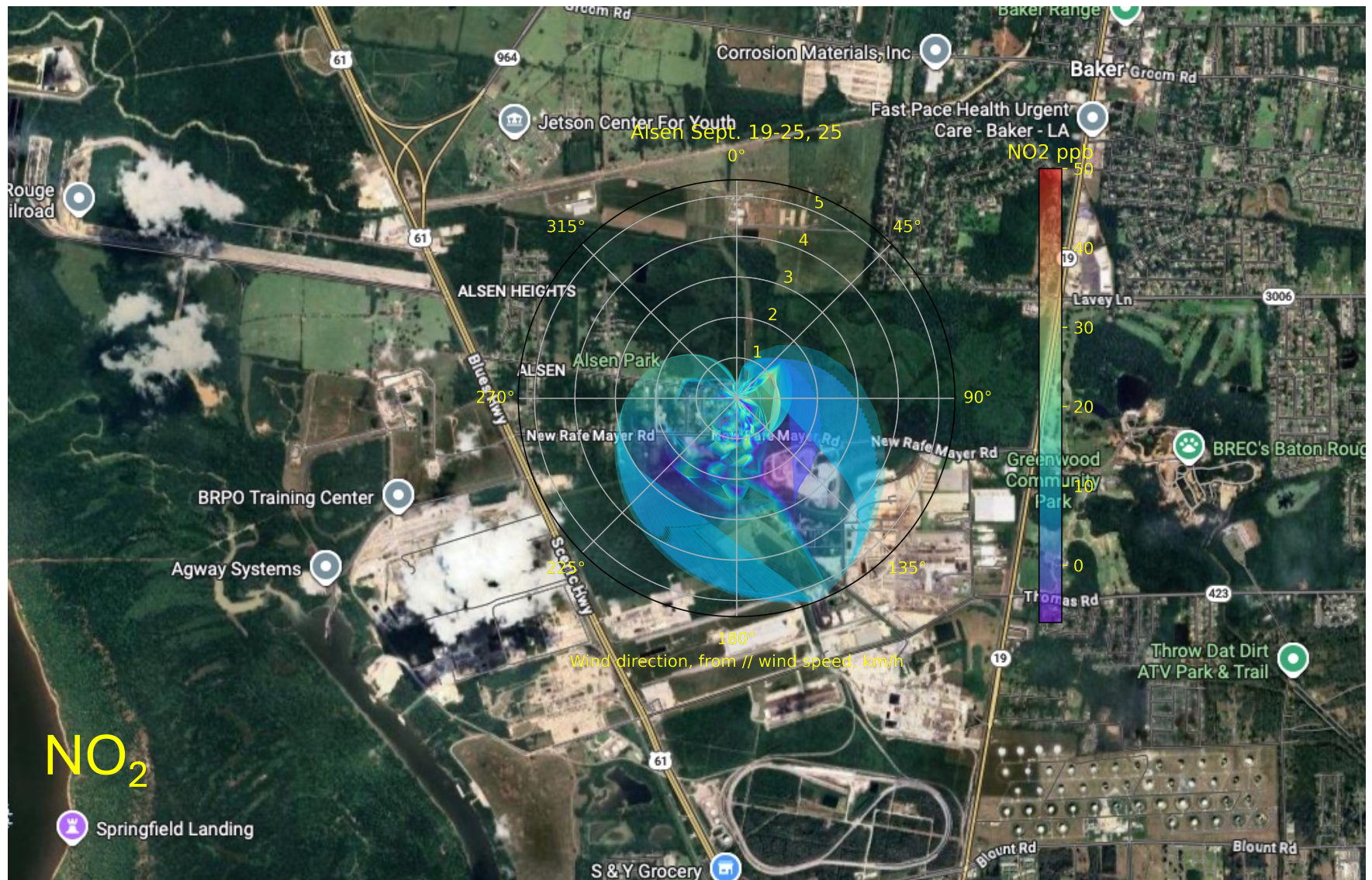
PM10 hourly distribution

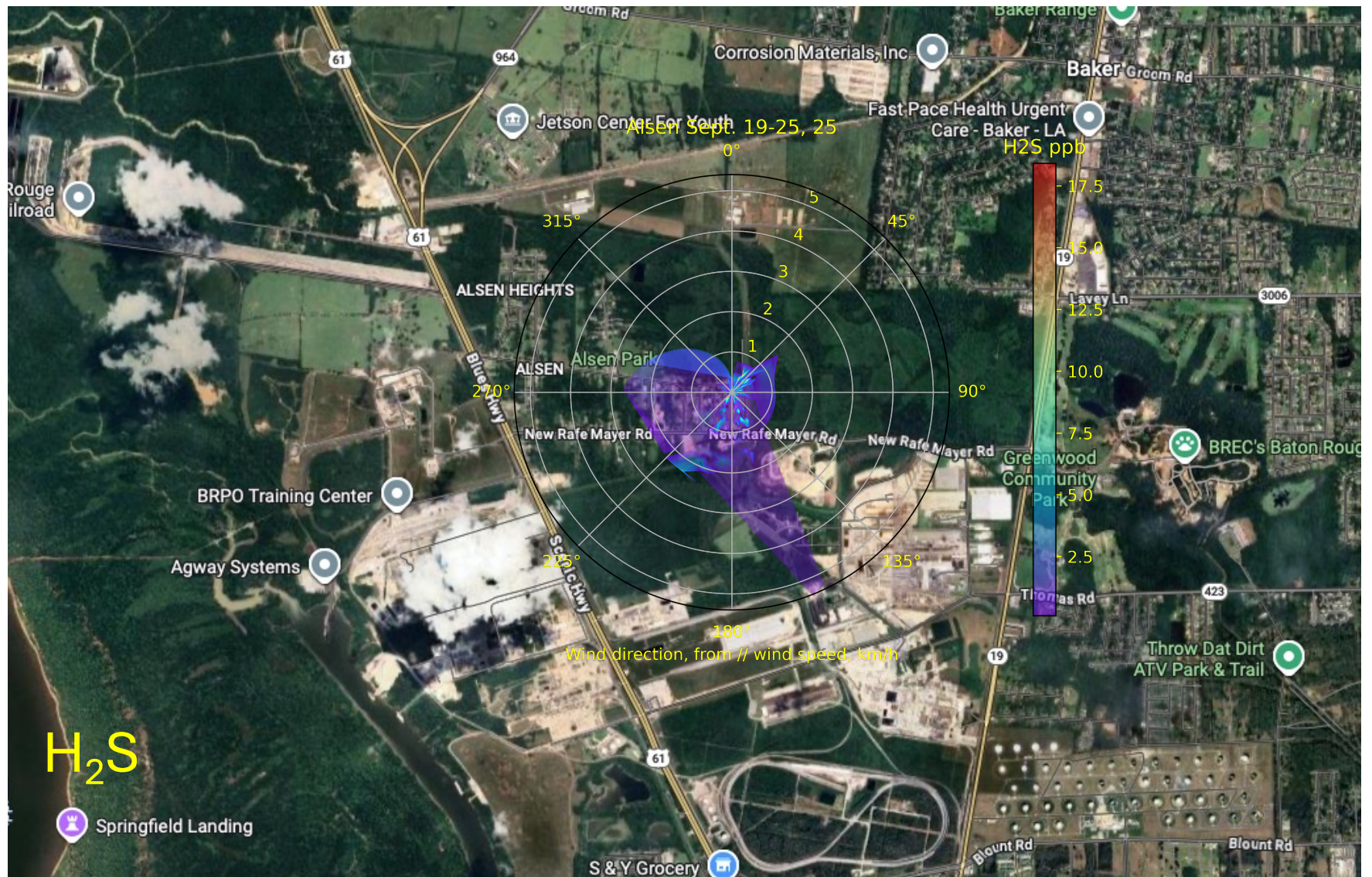


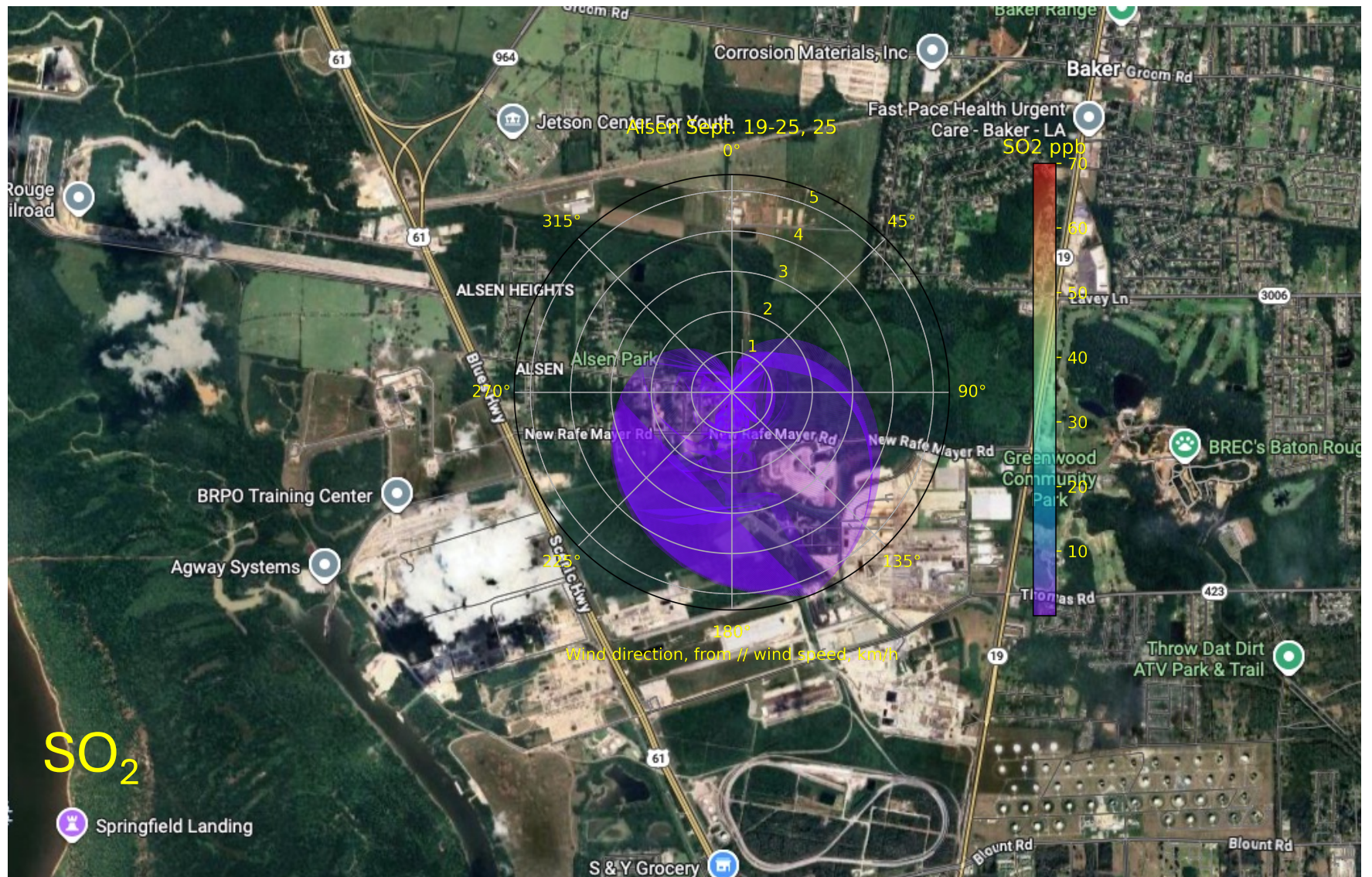
ug/m3	Mean	Median	Q1	Q3	Min	Max	# points
PM10 4 to 8	17.8	16.0	12.6	23.9	9.3	31.6	110
PM10 8 to 11	13.6	12.0	9.9	15.3	7.3	27.5	84
PM10 11 to 16	13.9	13.4	8.7	17.0	4.9	44.7	136
PM10 16 to 19	12.0	10.8	7.9	14.5	4.5	26.1	84
PM10 19 to 4	15.5	15.0	12.8	17.8	8.0	29.2	250

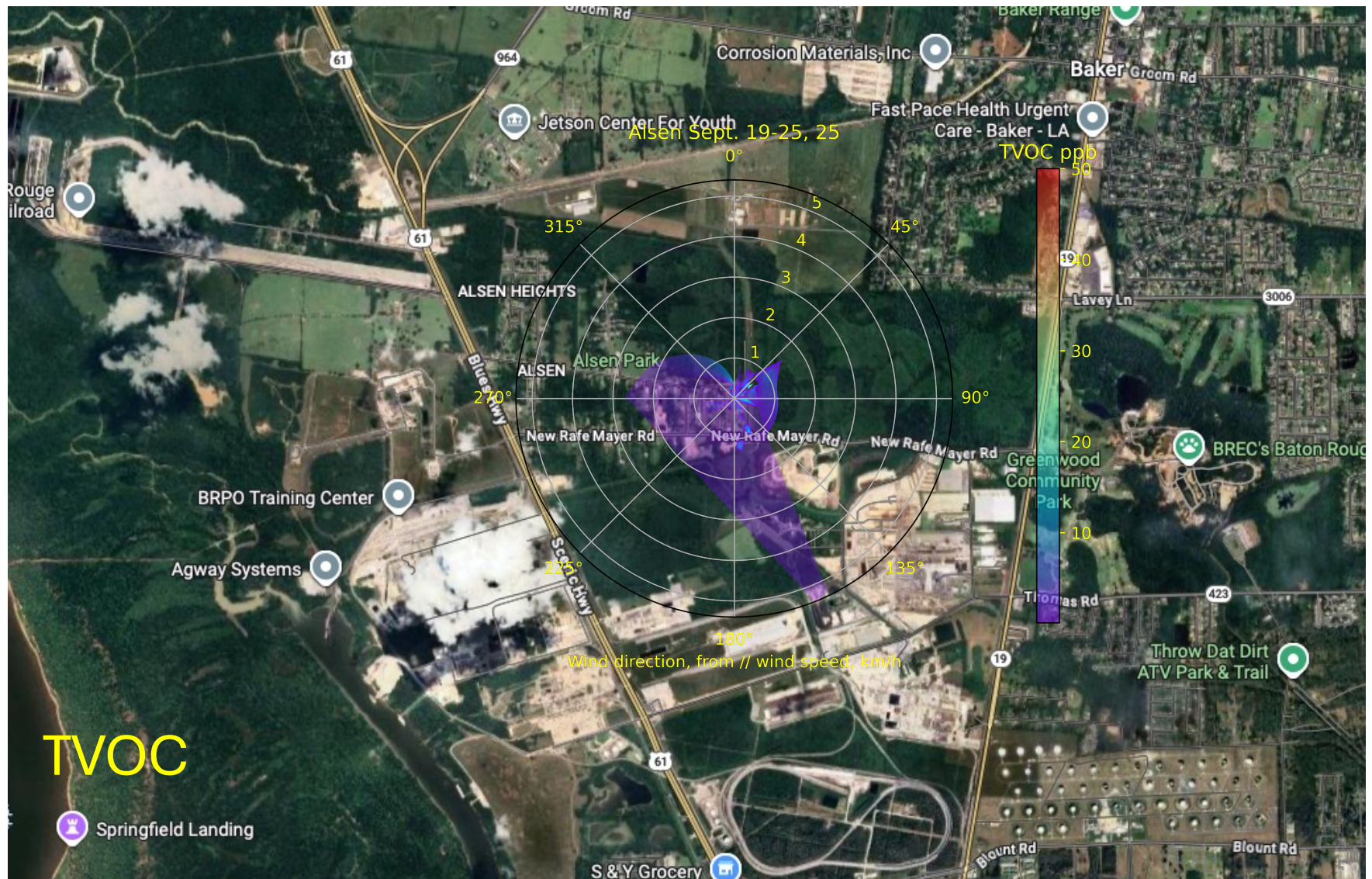
PM1 data is not referenced and calibrated against regulatory monitor

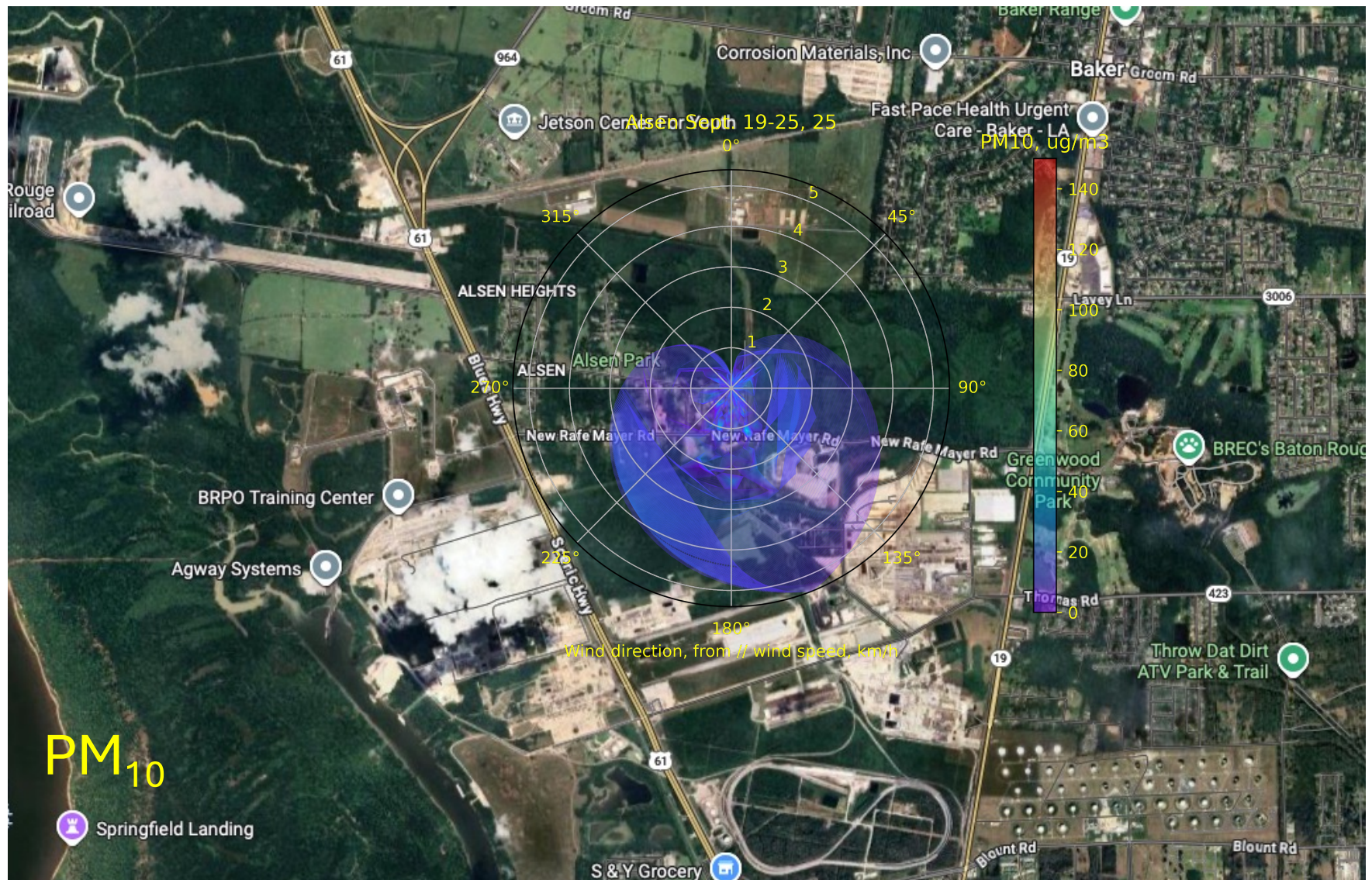


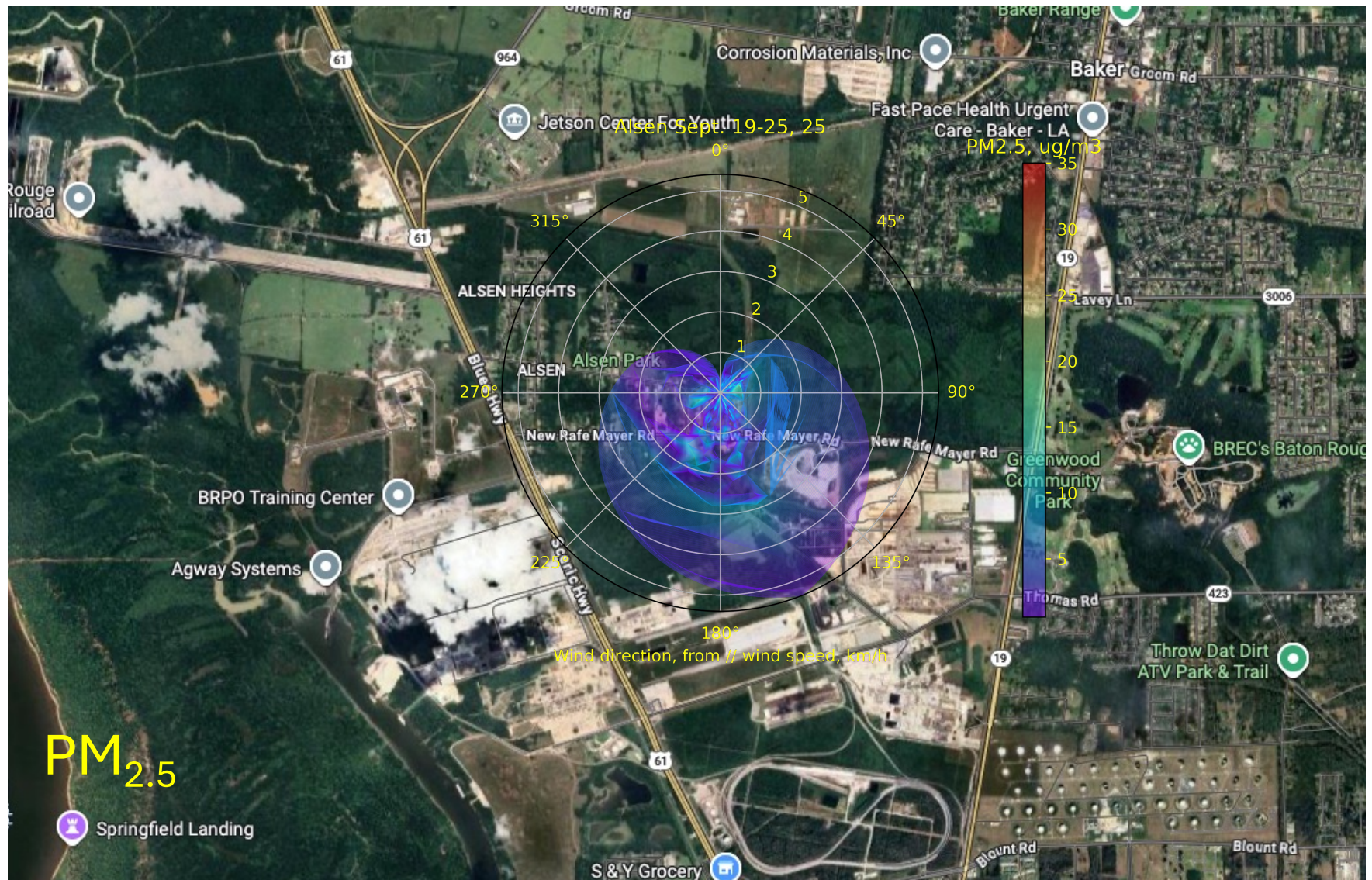


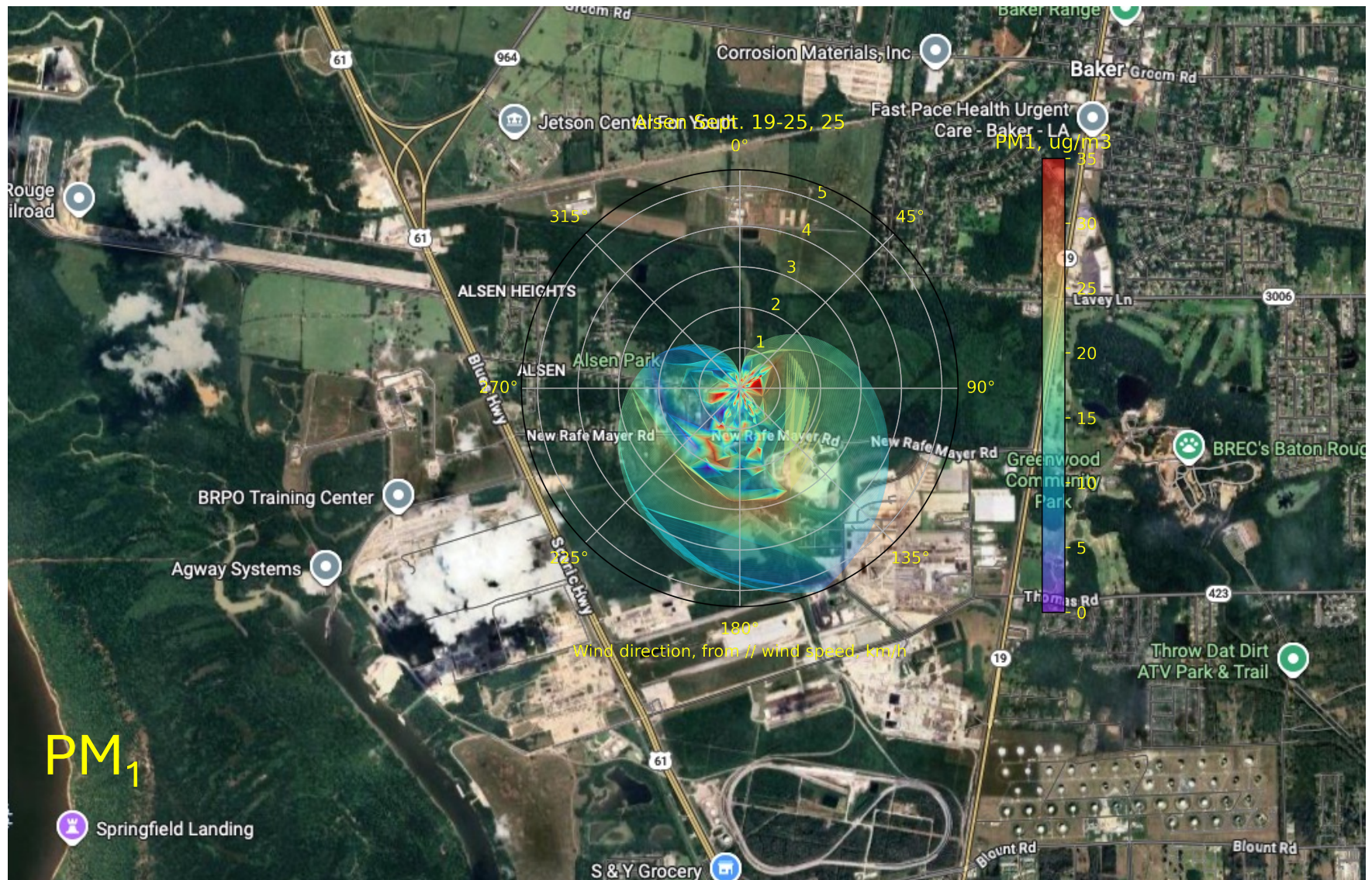












ALSEN POD

09/19-09/25

- NO significant events.
- Occasionally elevated PM2.5 and VOCs but with no directional indications

