

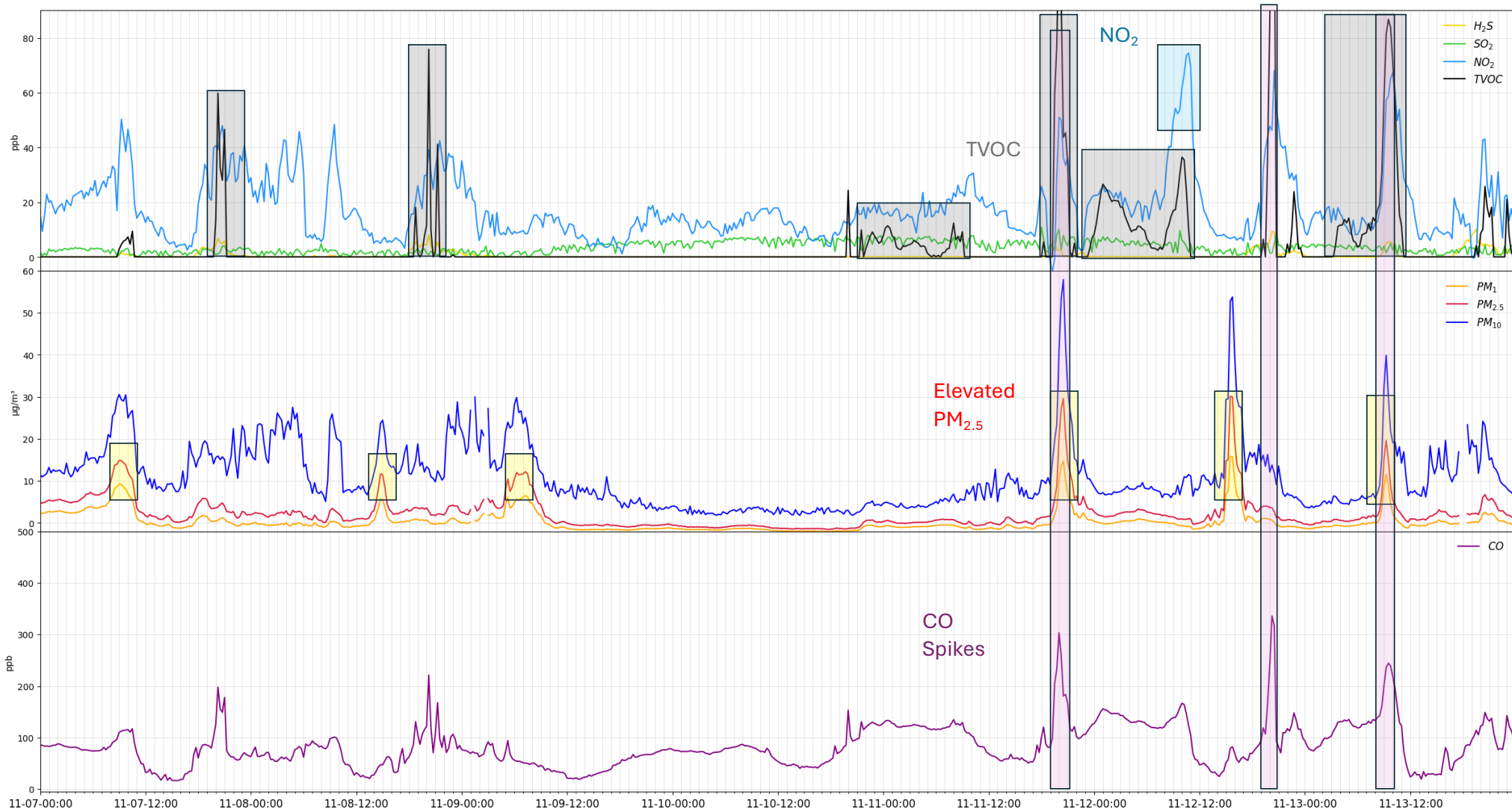
# Alsen POD

November 7 – November 13, 2025

## *Disclaimer*

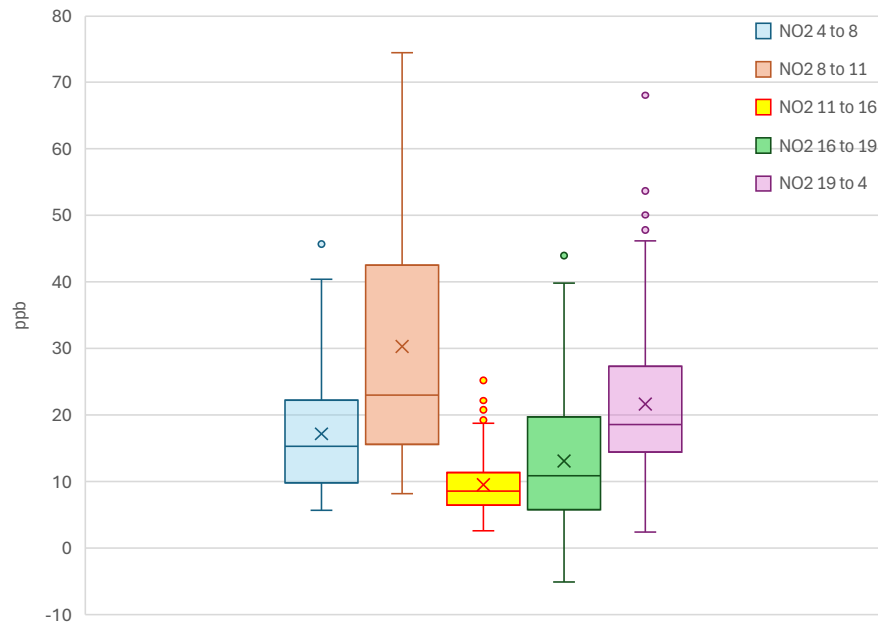
*The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



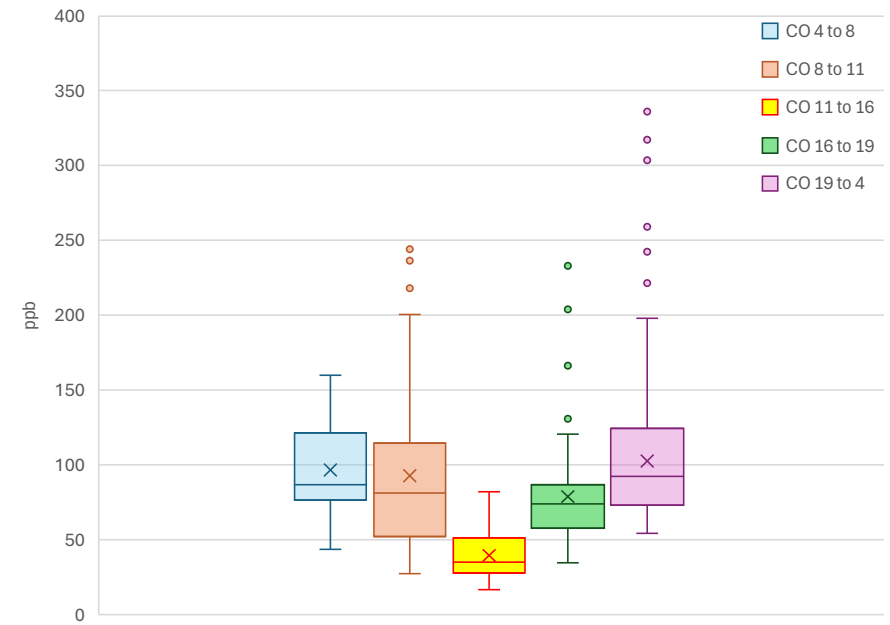
# Hourly concentration distribution

NO2 hourly distribution



| ppb          | Mean | Median | Q1   | Q3   | Min  | Max  | # points |
|--------------|------|--------|------|------|------|------|----------|
| NO2 4 to 8   | 17.2 | 15.3   | 9.8  | 22.3 | 5.7  | 45.7 | 112      |
| NO2 8 to 11  | 30.3 | 23.0   | 15.6 | 42.5 | 8.2  | 74.4 | 84       |
| NO2 11 to 16 | 9.5  | 8.6    | 6.4  | 11.4 | 2.6  | 25.2 | 140      |
| NO2 16 to 19 | 13.1 | 10.9   | 5.8  | 19.7 | -5.1 | 43.9 | 84       |
| NO2 19 to 4  | 21.7 | 18.5   | 14.4 | 27.4 | 2.4  | 68.1 | 252      |

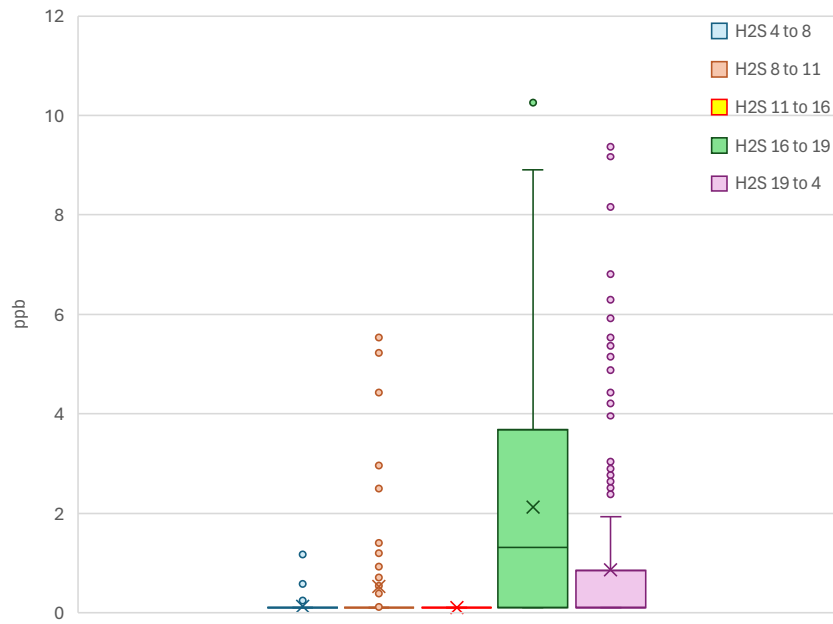
CO hourly distribution



| ppb         | Mean  | Median | Q1   | Q3    | Min  | Max   | # points |
|-------------|-------|--------|------|-------|------|-------|----------|
| CO 4 to 8   | 96.6  | 86.8   | 76.5 | 121.5 | 43.6 | 159.9 | 112      |
| CO 8 to 11  | 92.7  | 81.4   | 52.1 | 114.5 | 27.3 | 244.2 | 84       |
| CO 11 to 16 | 39.5  | 34.9   | 27.7 | 51.2  | 16.6 | 82.2  | 140      |
| CO 16 to 19 | 78.9  | 73.9   | 57.9 | 86.9  | 34.6 | 233.0 | 84       |
| CO 19 to 4  | 102.6 | 92.2   | 72.9 | 124.6 | 54.2 | 335.9 | 252      |

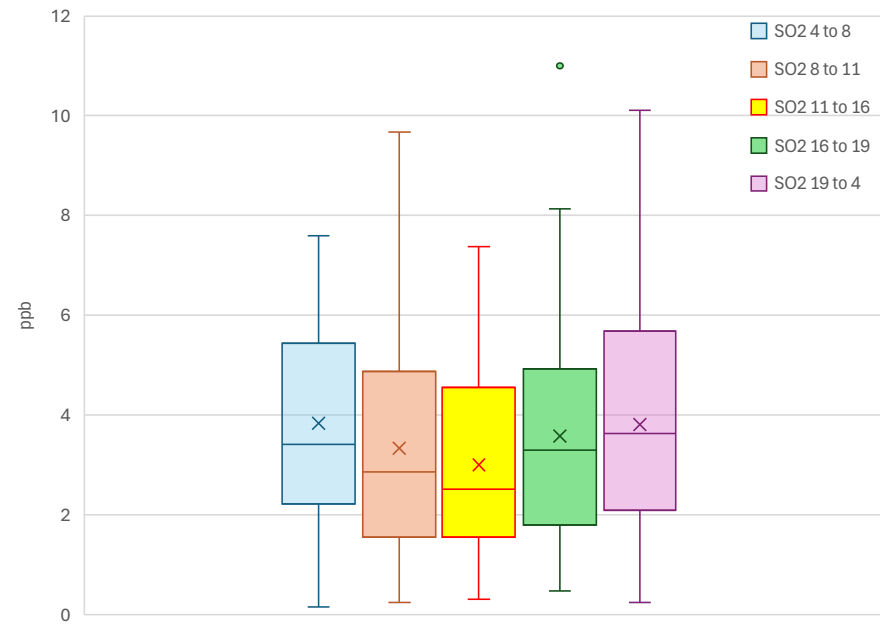
# Hourly concentration distribution

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 | 0.0 | 0.0 | 0.6 | 112      |
| H <sub>2</sub> S 8 to 11  | 0.2  | 0.1    | 0.1 | 0.1 | 0.1 | 1.4 | 84       |
| H <sub>2</sub> S 11 to 16 | 0.1  | 0.1    | 0.1 | 0.1 | 0.1 | 0.1 | 140      |
| H <sub>2</sub> S 16 to 19 | 2.2  | 2.2    | 0.6 | 3.7 | 0.1 | 5.8 | 84       |
| H <sub>2</sub> S 19 to 4  | 0.7  | 0.1    | 0.1 | 1.0 | 0.1 | 4.0 | 252      |

SO<sub>2</sub> hourly distribution

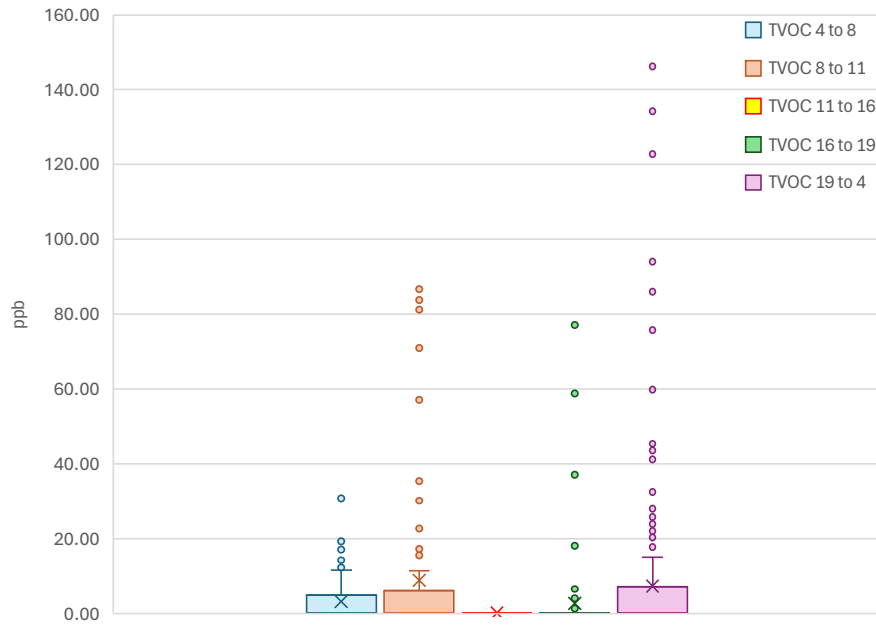


| ppb                      | Mean | Median | Q1  | Q3  | Min | Max  | # points |
|--------------------------|------|--------|-----|-----|-----|------|----------|
| SO <sub>2</sub> 4 to 8   | 3.8  | 3.4    | 2.2 | 5.5 | 0.2 | 7.6  | 112      |
| SO <sub>2</sub> 8 to 11  | 3.3  | 2.9    | 1.6 | 4.9 | 0.2 | 9.7  | 84       |
| SO <sub>2</sub> 11 to 16 | 3.0  | 2.5    | 1.6 | 4.5 | 0.3 | 7.4  | 140      |
| SO <sub>2</sub> 16 to 19 | 3.6  | 3.3    | 1.8 | 4.9 | 0.5 | 11.0 | 84       |
| SO <sub>2</sub> 19 to 4  | 3.8  | 3.6    | 2.1 | 5.7 | 0.2 | 10.1 | 252      |

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

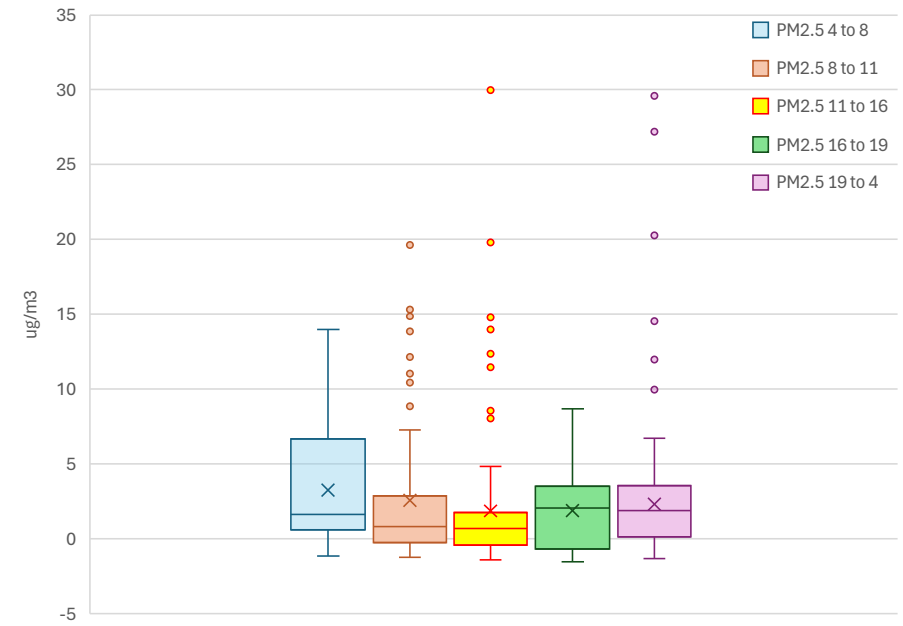
# Hourly concentration distribution

TVOC hourly distribution



| ppb           | Mean | Median | Q1  | Q3  | Min | Max   | # points |
|---------------|------|--------|-----|-----|-----|-------|----------|
| TVOC 4 to 8   | 3.2  | 0.1    | 0.1 | 5.2 | 0.1 | 30.9  | 112      |
| TVOC 8 to 11  | 8.9  | 0.1    | 0.1 | 6.2 | 0.1 | 86.8  | 84       |
| TVOC 11 to 16 | 0.1  | 0.1    | 0.1 | 0.1 | 0.1 | 0.1   | 140      |
| TVOC 16 to 19 | 2.7  | 0.1    | 0.1 | 0.1 | 0.1 | 77.2  | 84       |
| TVOC 19 to 4  | 7.4  | 0.1    | 0.1 | 7.4 | 0.1 | 146.2 | 252      |

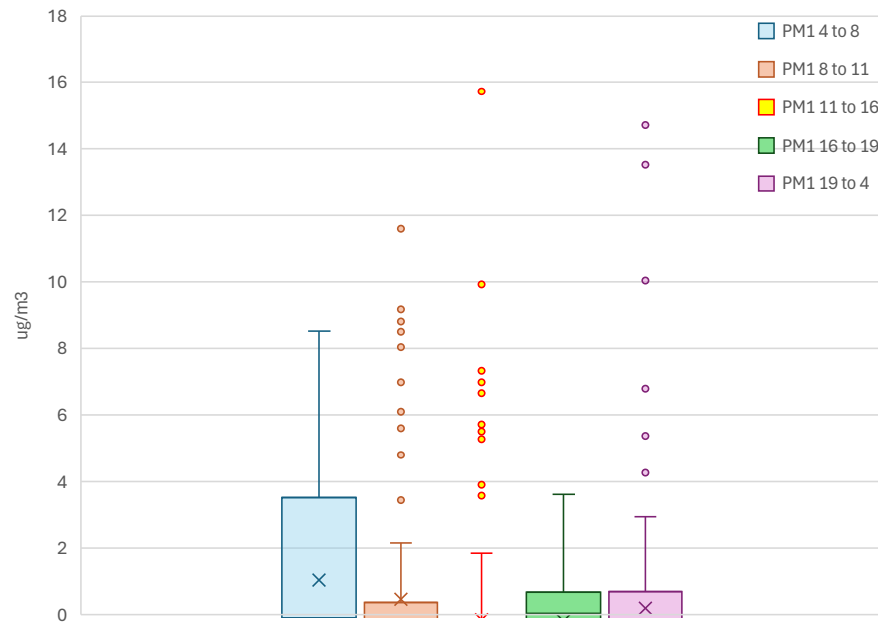
PM2.5 hourly distribution



| ug/m3          | Mean | Median | Q1   | Q3  | Min  | Max  | # points |
|----------------|------|--------|------|-----|------|------|----------|
| PM2.5 4 to 8   | 3.3  | 1.6    | 0.6  | 6.7 | -1.2 | 14.0 | 112      |
| PM2.5 8 to 11  | 2.6  | 0.8    | -0.2 | 2.9 | -1.3 | 19.6 | 84       |
| PM2.5 11 to 16 | 1.9  | 0.7    | -0.4 | 1.8 | -1.4 | 30.1 | 140      |
| PM2.5 16 to 19 | 1.9  | 2.1    | -0.7 | 3.5 | -1.5 | 8.7  | 82       |
| PM2.5 19 to 4  | 2.3  | 1.9    | 0.1  | 3.5 | -1.3 | 29.6 | 250      |

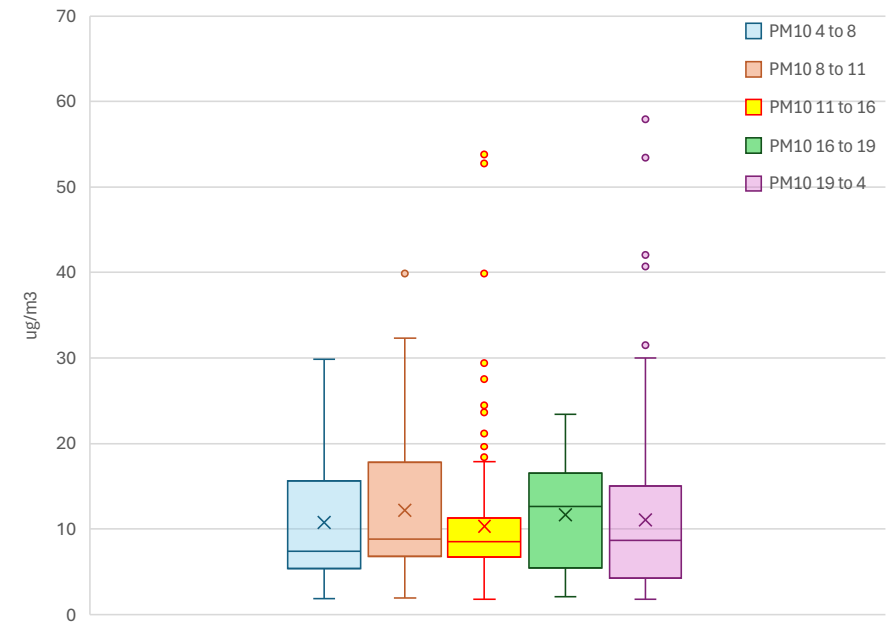
# Hourly concentration distribution

PM1 hourly distribution



| ug/m3        | Mean | Median | Q1   | Q3   | Min  | Max  | # points |
|--------------|------|--------|------|------|------|------|----------|
| PM1 4 to 8   | 1.0  | -0.1   | -0.7 | 3.5  | -1.7 | 8.5  | 112      |
| PM1 8 to 11  | 0.5  | -0.9   | -1.3 | 0.4  | -1.9 | 11.6 | 84       |
| PM1 11 to 16 | -0.2 | -0.7   | -1.5 | -0.1 | -2.0 | 15.9 | 140      |
| PM1 16 to 19 | -0.2 | 0.0    | -1.6 | 0.7  | -2.0 | 3.6  | 82       |
| PM1 19 to 4  | 0.2  | -0.3   | -1.0 | 0.7  | -1.9 | 14.7 | 250      |

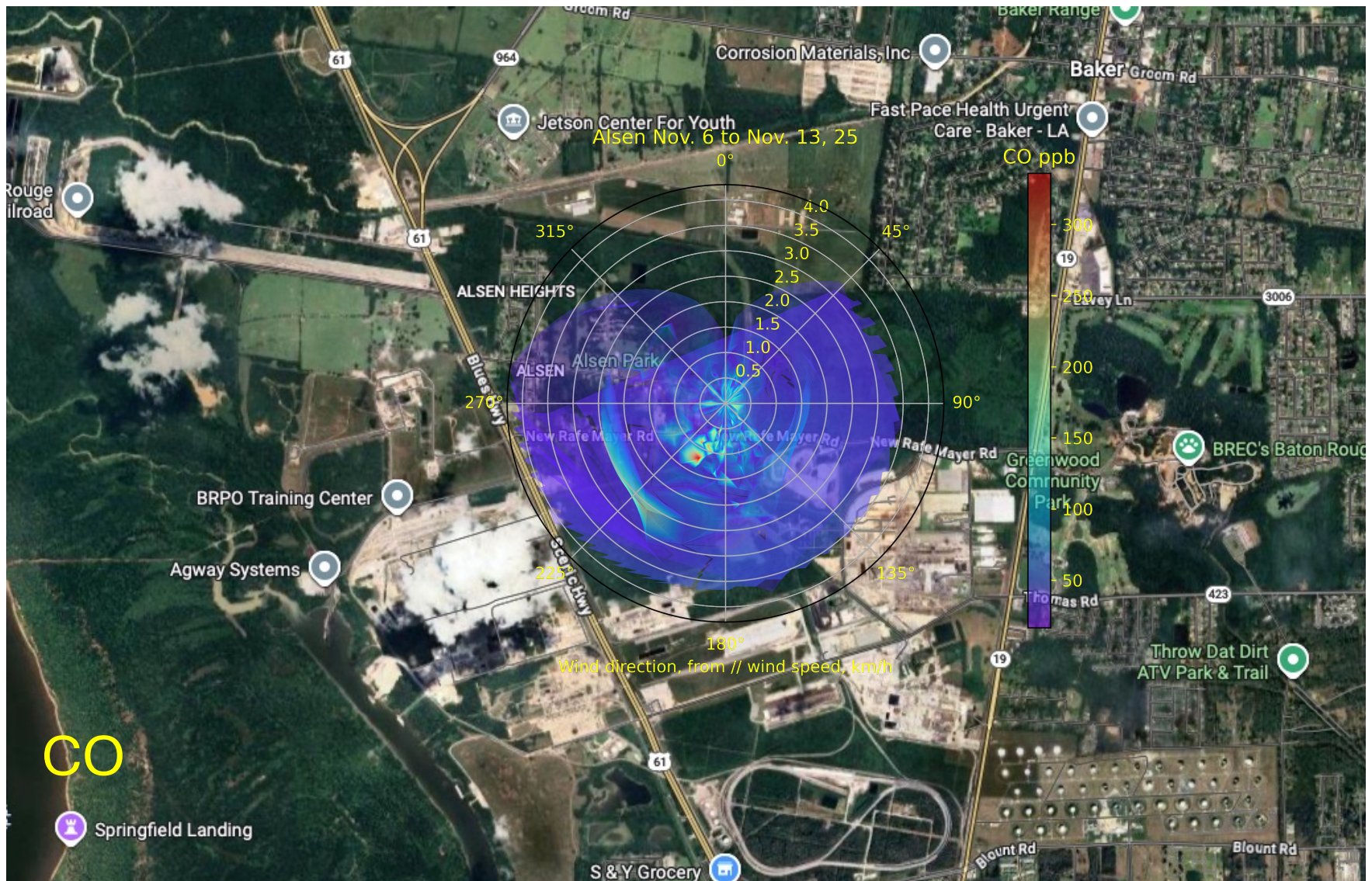
PM10 hourly distribution



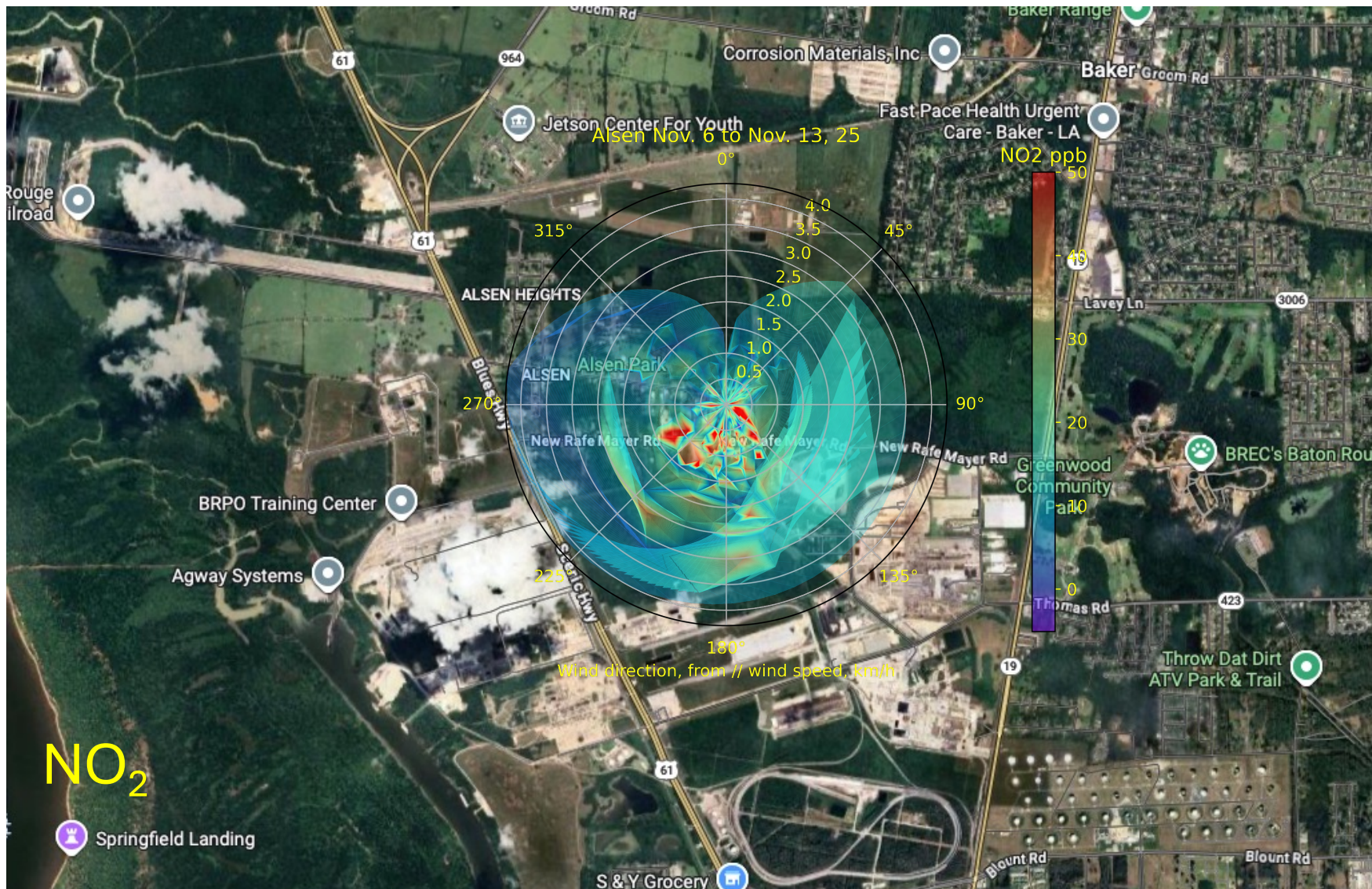
| ug/m3         | Mean | Median | Q1  | Q3   | Min | Max  | # points |
|---------------|------|--------|-----|------|-----|------|----------|
| PM10 4 to 8   | 10.8 | 7.4    | 5.3 | 15.7 | 1.9 | 29.9 | 112      |
| PM10 8 to 11  | 12.2 | 8.8    | 6.8 | 17.8 | 2.0 | 39.9 | 84       |
| PM10 11 to 16 | 10.3 | 8.5    | 6.8 | 11.3 | 1.8 | 53.8 | 140      |
| PM10 16 to 19 | 11.7 | 12.6   | 5.5 | 16.6 | 2.1 | 23.5 | 82       |
| PM10 19 to 4  | 11.1 | 8.7    | 4.3 | 15.1 | 1.8 | 58.0 | 250      |

PM1 data is not referenced and calibrated against regulatory monitor

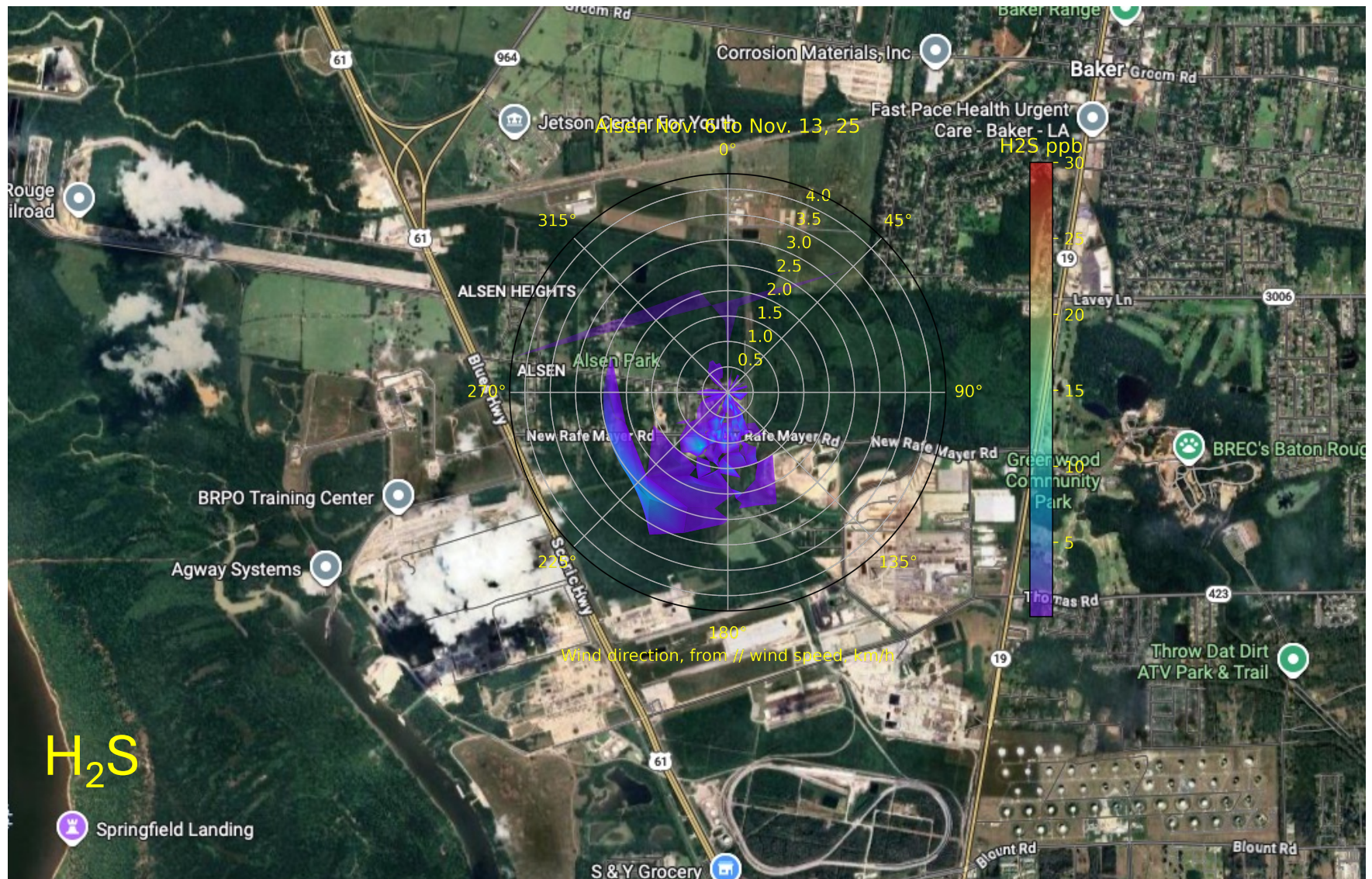




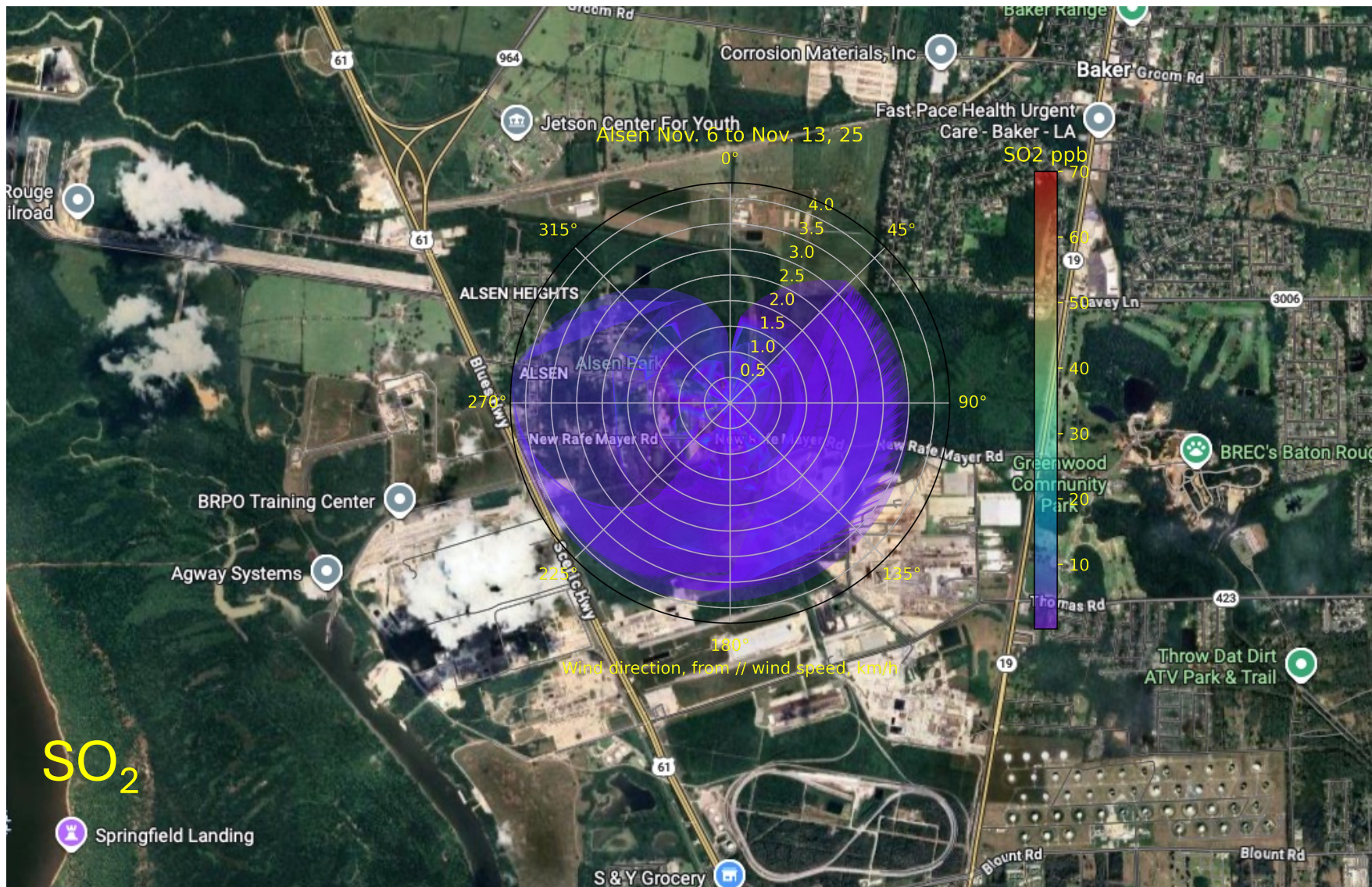




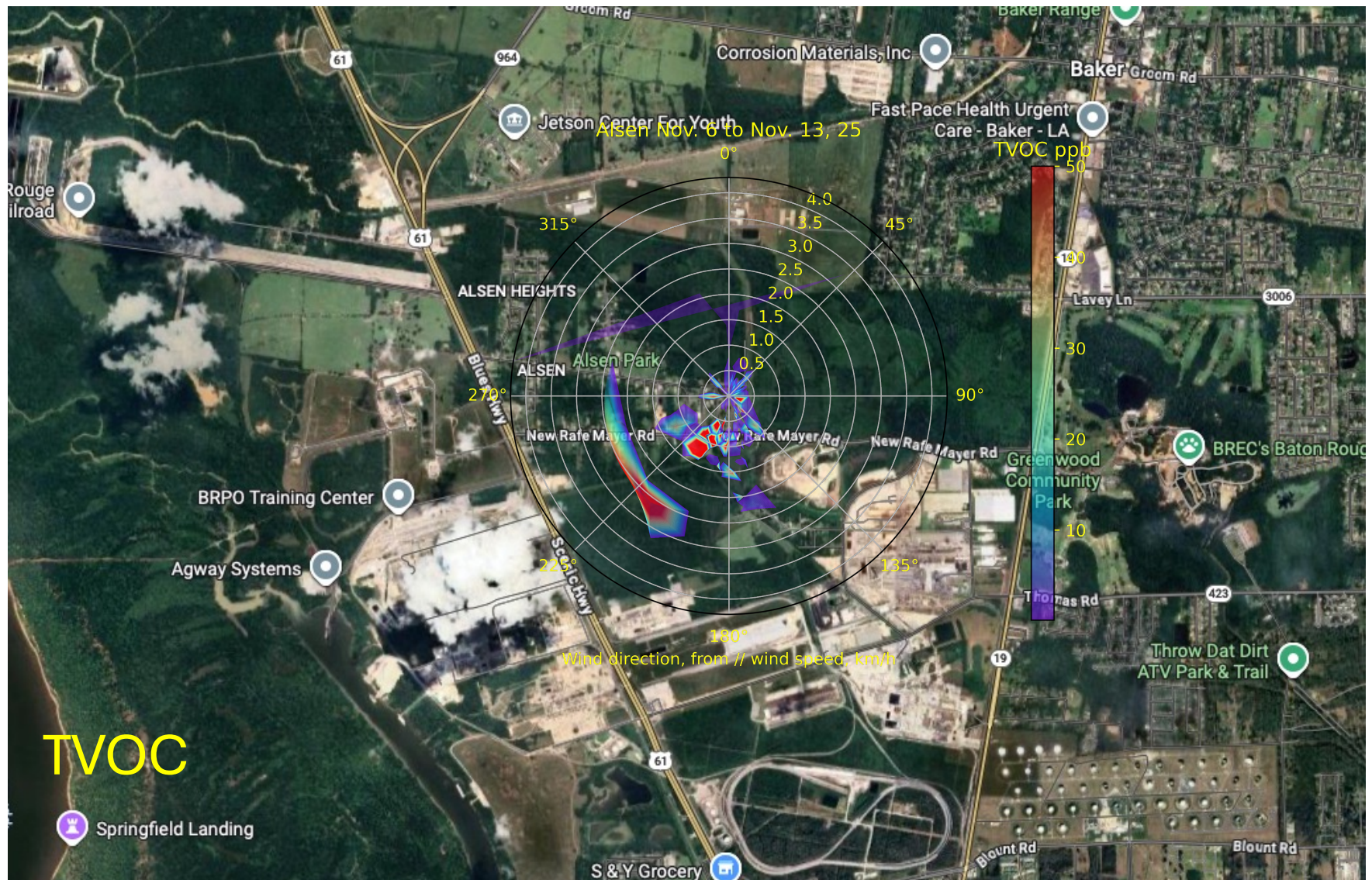




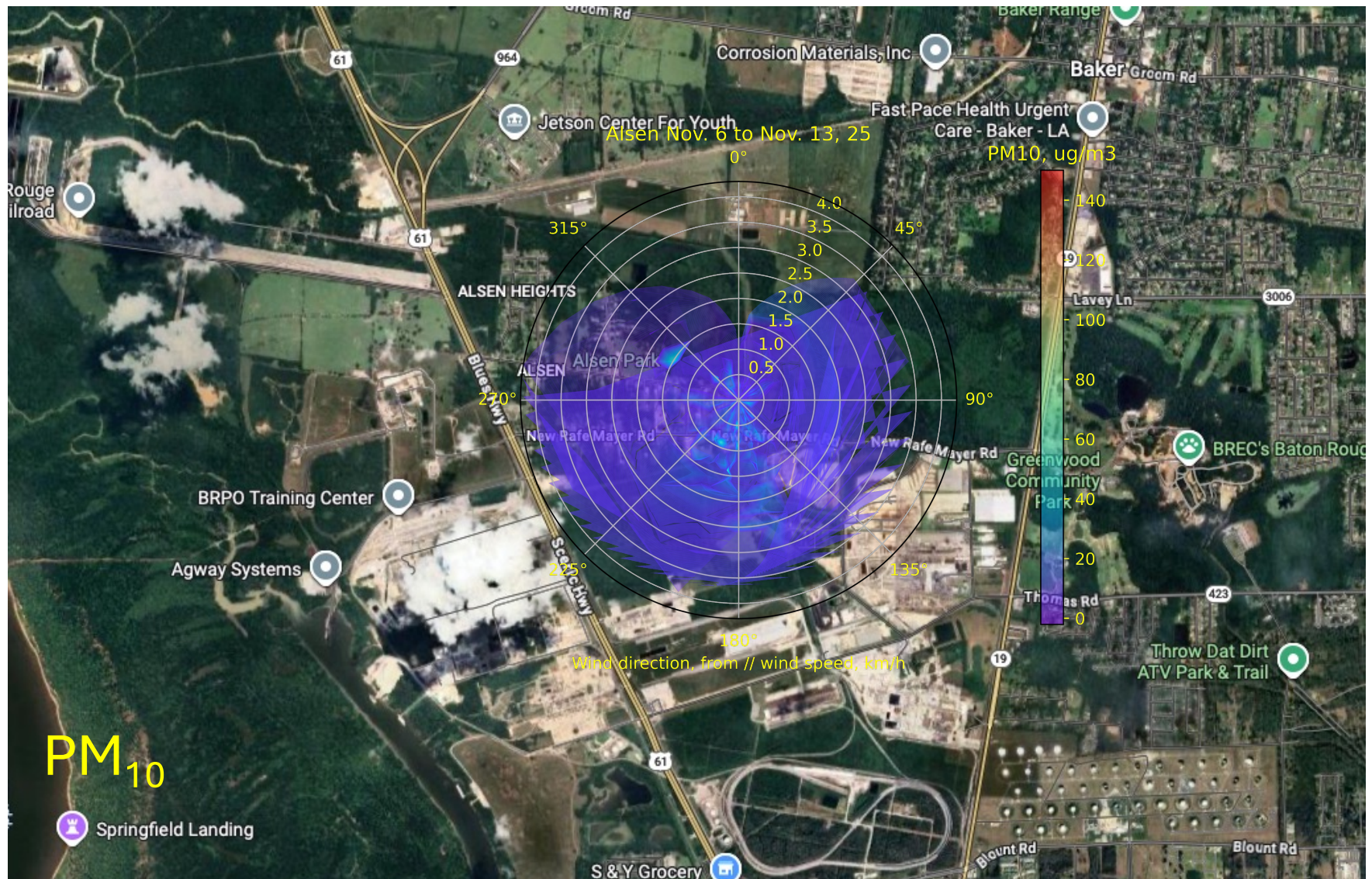




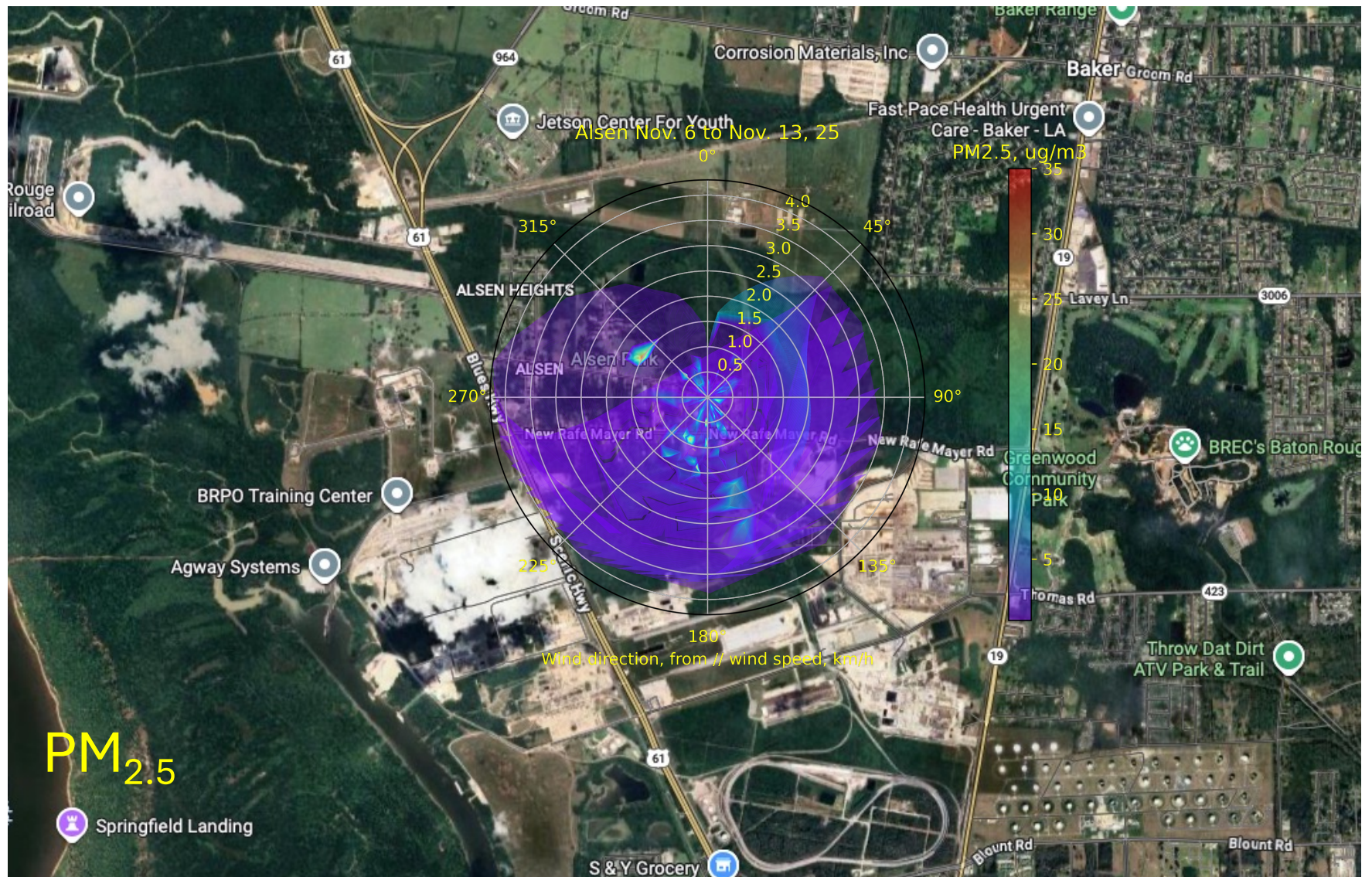




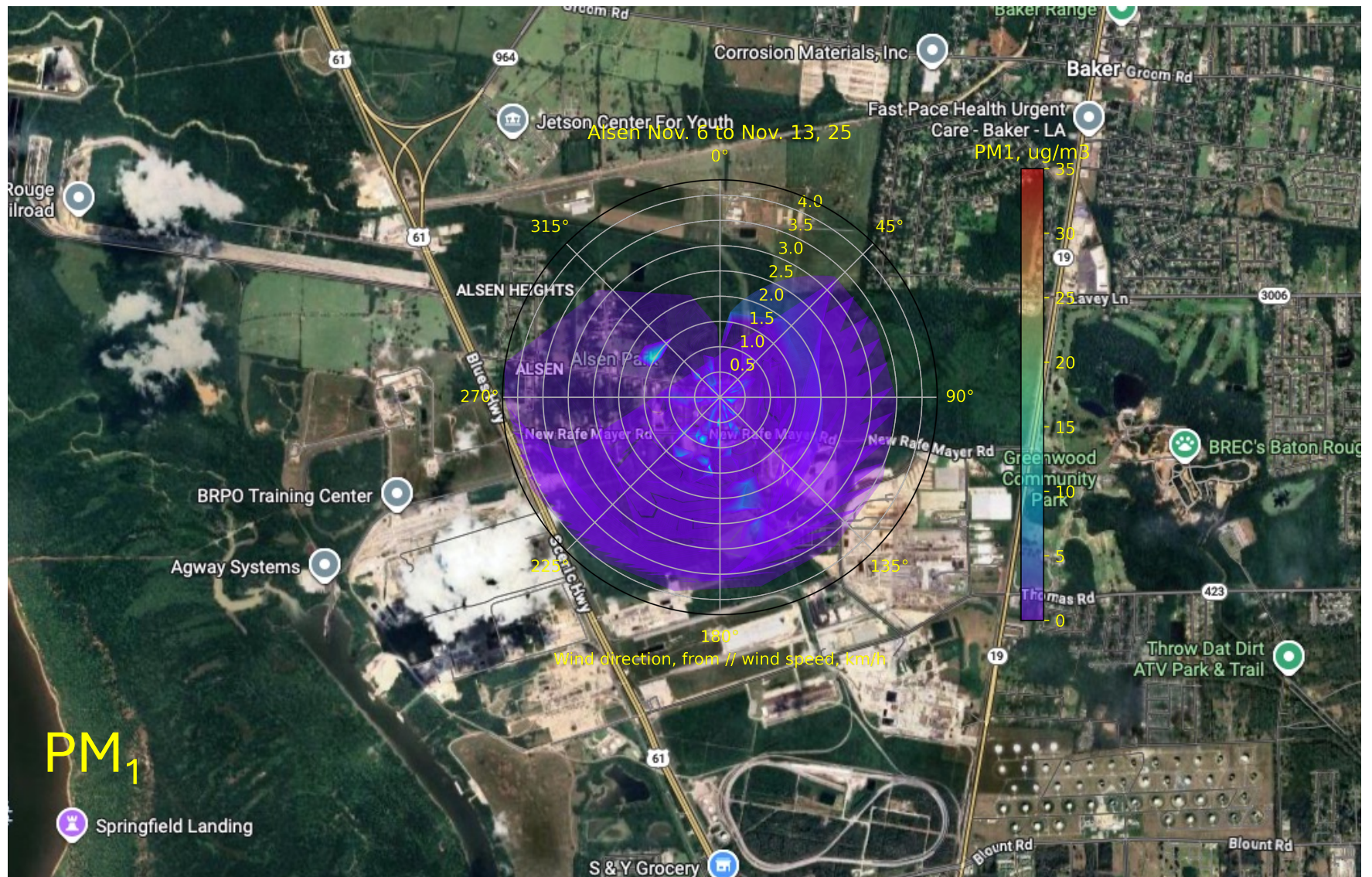
















# ALSEN POD

## 11/07-11/13

- Frequent and prolonged TVOC influx from South West direction.
- Most of TVOCs are not combustion related