

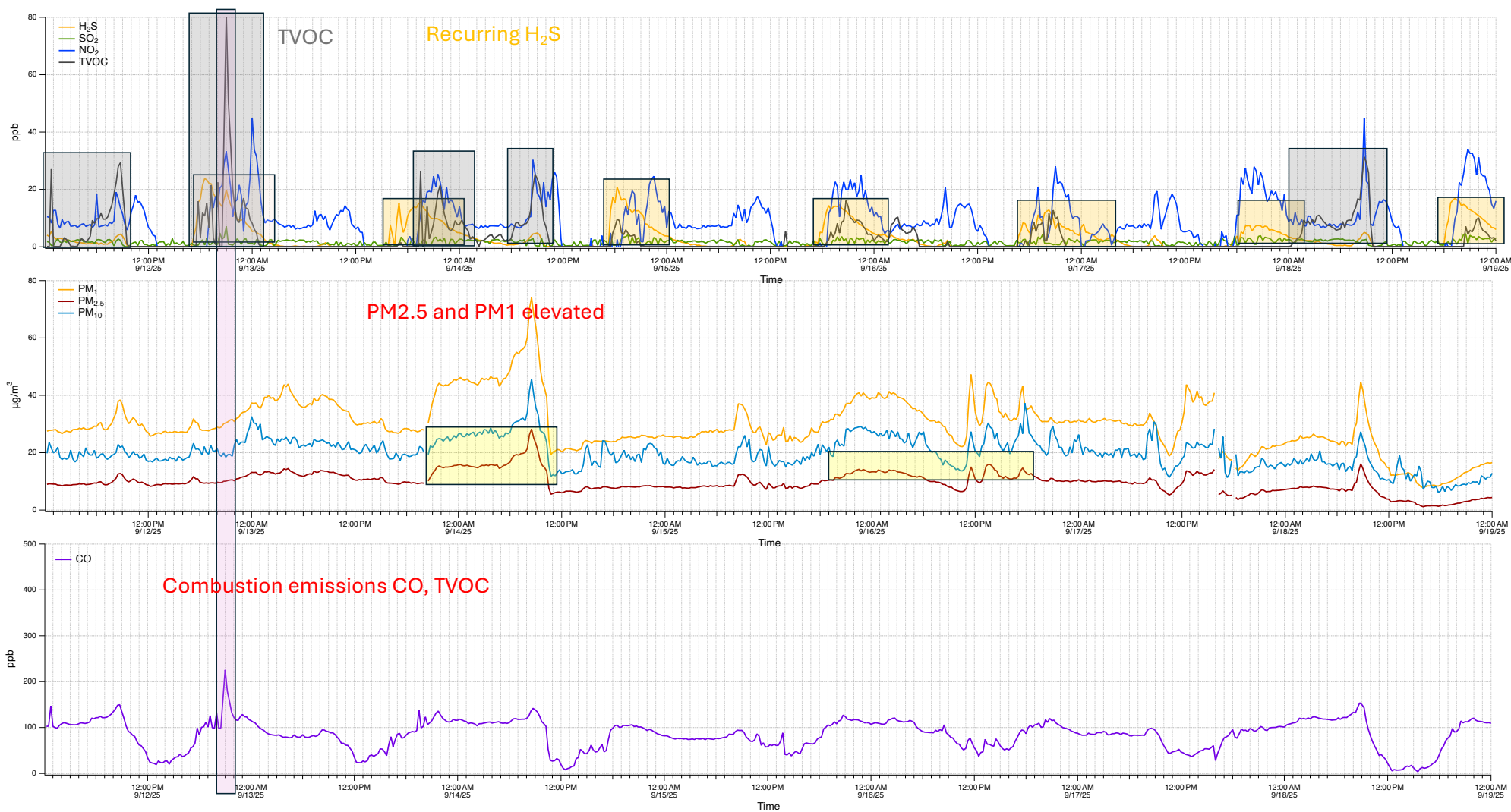
# Alsen POD

September 12-18, 2025

## *Disclaimer*

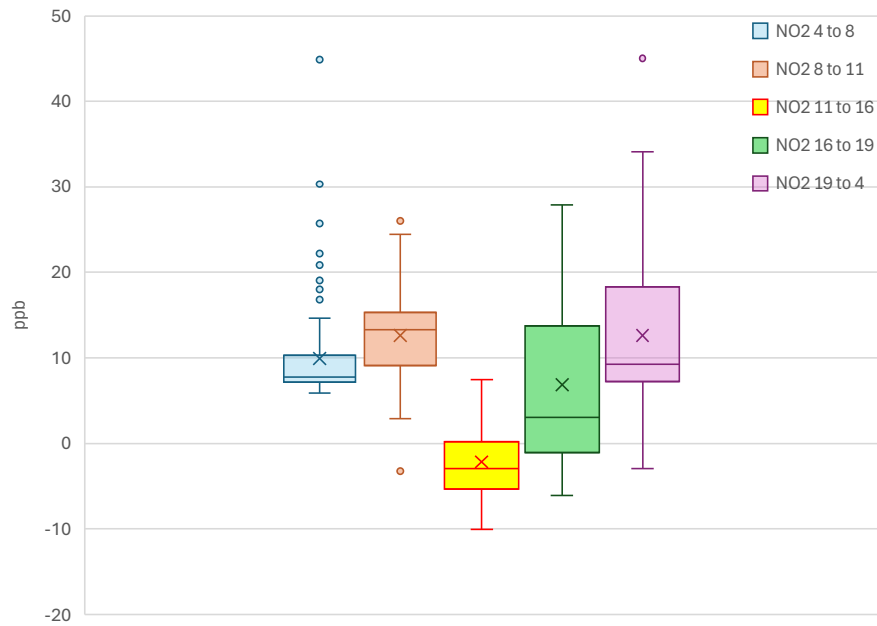
*The data presented on this website were collected by non-regulatory monitors (air quality sensors) that do not meet the most current Environmental Protection Agency-approved or promulgated emission test or monitoring method. Thus, consistent with Louisiana's Community Air Monitoring Reliability Act,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



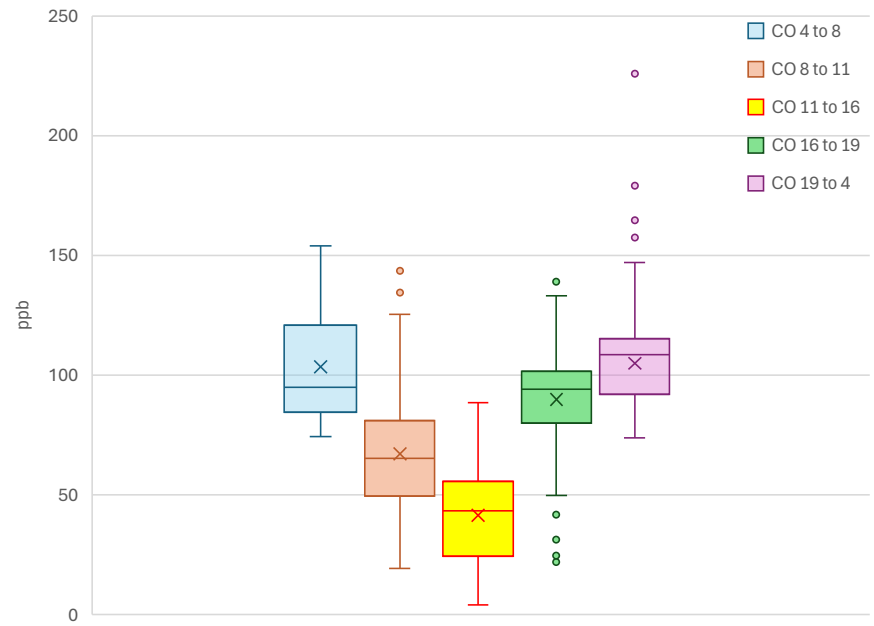
# Hourly concentration distribution

NO2 hourly distribution



| ppb          | Mean | Median | Q1   | Q3   | Min   | Max  | # points |
|--------------|------|--------|------|------|-------|------|----------|
| NO2 4 to 8   | 9.9  | 7.8    | 7.2  | 10.4 | 5.9   | 44.9 | 112      |
| NO2 8 to 11  | 12.6 | 13.3   | 9.1  | 15.3 | -3.3  | 26.1 | 84       |
| NO2 11 to 16 | -2.2 | -3.0   | -5.3 | 0.2  | -10.1 | 7.5  | 140      |
| NO2 16 to 19 | 6.9  | 3.1    | -1.1 | 13.8 | -6.1  | 27.9 | 84       |
| NO2 19 to 4  | 12.6 | 9.3    | 7.2  | 18.3 | -2.9  | 45.0 | 252      |

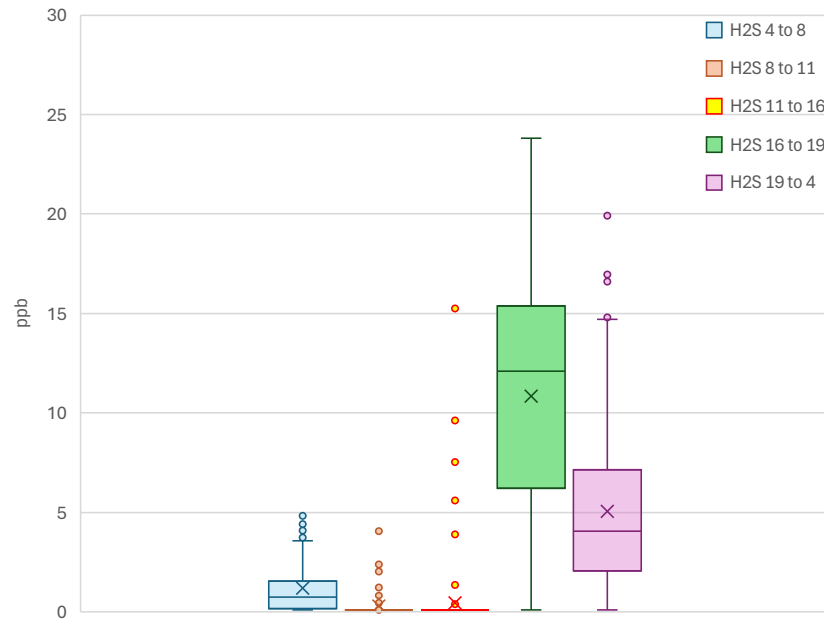
CO hourly distribution



| ppb         | Mean  | Median | Q1   | Q3    | Min  | Max   | # points |
|-------------|-------|--------|------|-------|------|-------|----------|
| CO 4 to 8   | 103.3 | 94.8   | 84.5 | 121.1 | 74.3 | 153.9 | 112      |
| CO 8 to 11  | 67.0  | 65.1   | 49.5 | 81.1  | 19.2 | 143.5 | 84       |
| CO 11 to 16 | 41.4  | 43.2   | 24.4 | 55.5  | 3.9  | 88.5  | 140      |
| CO 16 to 19 | 89.8  | 94.2   | 79.9 | 101.6 | 21.9 | 139.0 | 84       |
| CO 19 to 4  | 104.9 | 108.4  | 91.7 | 115.1 | 73.8 | 225.7 | 252      |

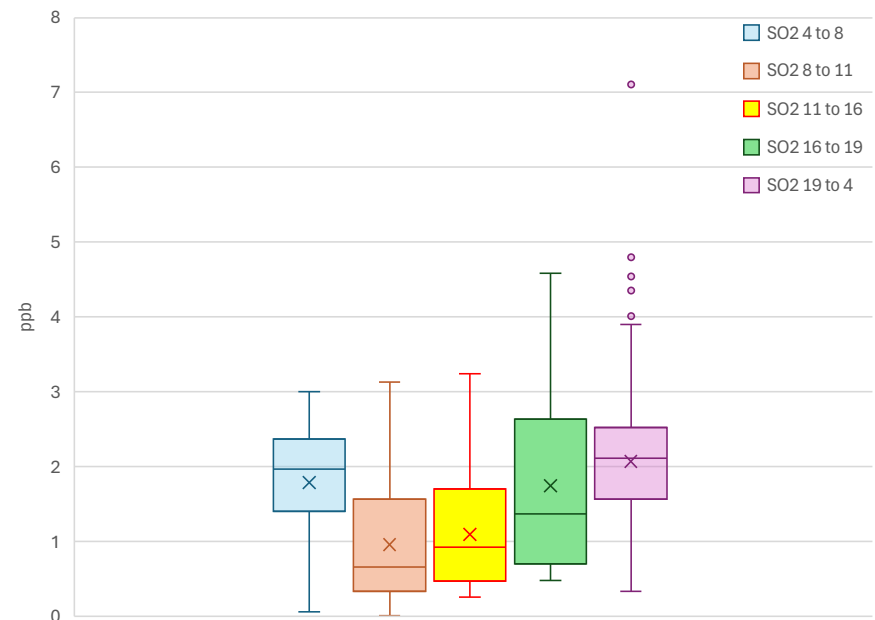
# Hourly concentration distribution

H2S hourly distribution



| ppb          | Mean | Median | Q1  | Q3   | Min | Max  | # points |
|--------------|------|--------|-----|------|-----|------|----------|
| H2S 4 to 8   | 1.2  | 0.7    | 0.2 | 1.9  | 0.0 | 5.0  | 112      |
| H2S 8 to 11  | 0.3  | 0.1    | 0.1 | 0.1  | 0.1 | 4.3  | 84       |
| H2S 11 to 16 | 0.4  | 0.1    | 0.1 | 0.1  | 0.1 | 15.3 | 140      |
| H2S 16 to 19 | 10.8 | 12.1   | 6.1 | 15.4 | 0.1 | 23.8 | 84       |
| H2S 19 to 4  | 5.1  | 4.1    | 2.1 | 7.2  | 0.1 | 19.9 | 252      |

SO2 hourly distribution

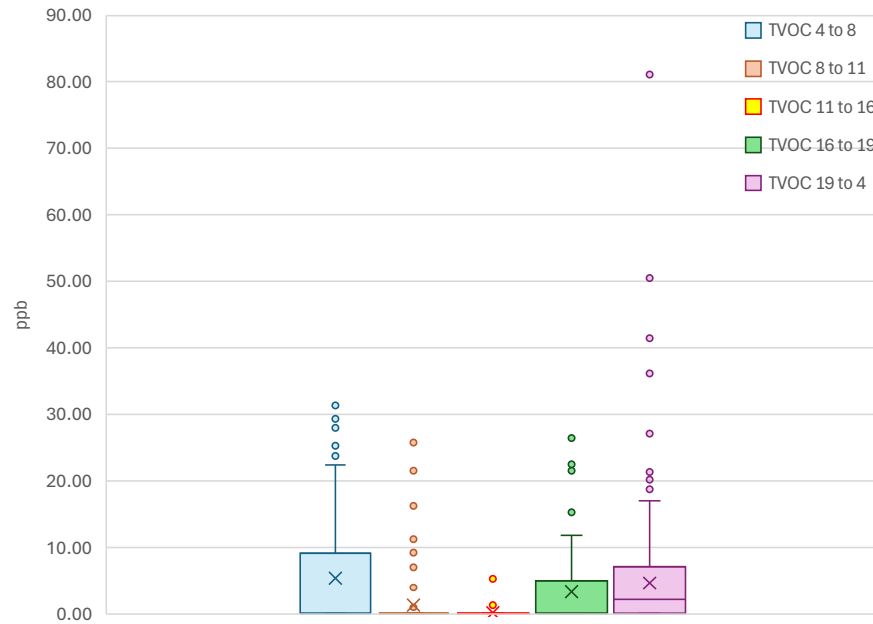


| ppb          | Mean | Median | Q1  | Q3  | Min | Max | # points |
|--------------|------|--------|-----|-----|-----|-----|----------|
| SO2 4 to 8   | 1.8  | 2.0    | 1.4 | 2.4 | 0.1 | 3.0 | 112      |
| SO2 8 to 11  | 1.0  | 0.7    | 0.3 | 1.6 | 0.0 | 3.1 | 84       |
| SO2 11 to 16 | 1.1  | 0.9    | 0.5 | 1.7 | 0.3 | 3.2 | 140      |
| SO2 16 to 19 | 1.7  | 1.4    | 0.7 | 2.6 | 0.5 | 4.6 | 84       |
| SO2 19 to 4  | 2.1  | 2.1    | 1.5 | 2.5 | 0.3 | 7.1 | 252      |

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

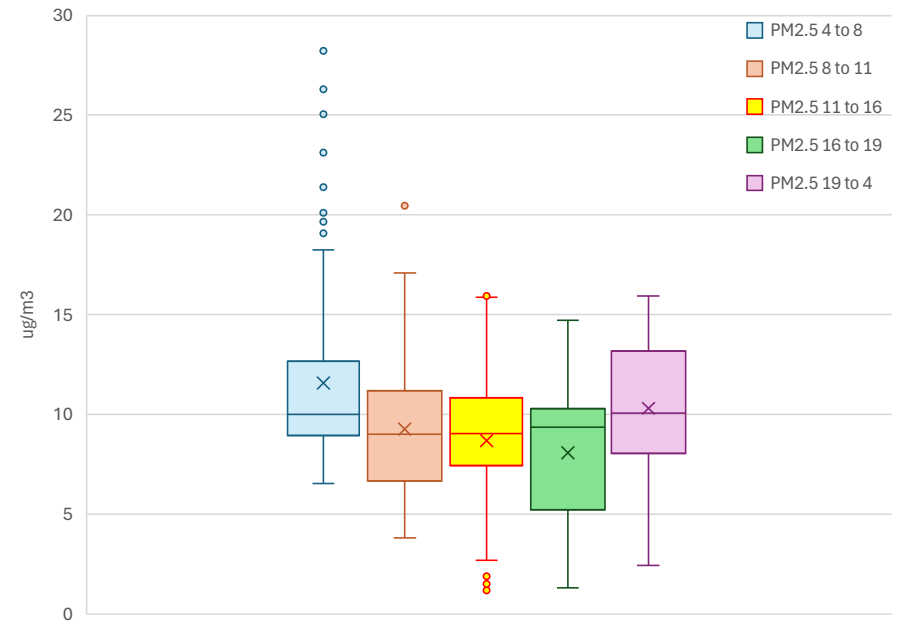
# Hourly concentration distribution

TVOC hourly distribution



| ppb           | Mean | Median | Q1  | Q3  | Min | Max  | # points |
|---------------|------|--------|-----|-----|-----|------|----------|
| TVOC 4 to 8   | 5.4  | 0.1    | 0.1 | 9.2 | 0.1 | 31.4 | 112      |
| TVOC 8 to 11  | 1.3  | 0.1    | 0.1 | 0.1 | 0.1 | 25.8 | 84       |
| TVOC 11 to 16 | 0.2  | 0.1    | 0.1 | 0.1 | 0.1 | 5.3  | 140      |
| TVOC 16 to 19 | 3.4  | 0.1    | 0.1 | 5.0 | 0.1 | 26.5 | 84       |
| TVOC 19 to 4  | 4.7  | 2.2    | 0.1 | 7.1 | 0.1 | 81.1 | 252      |

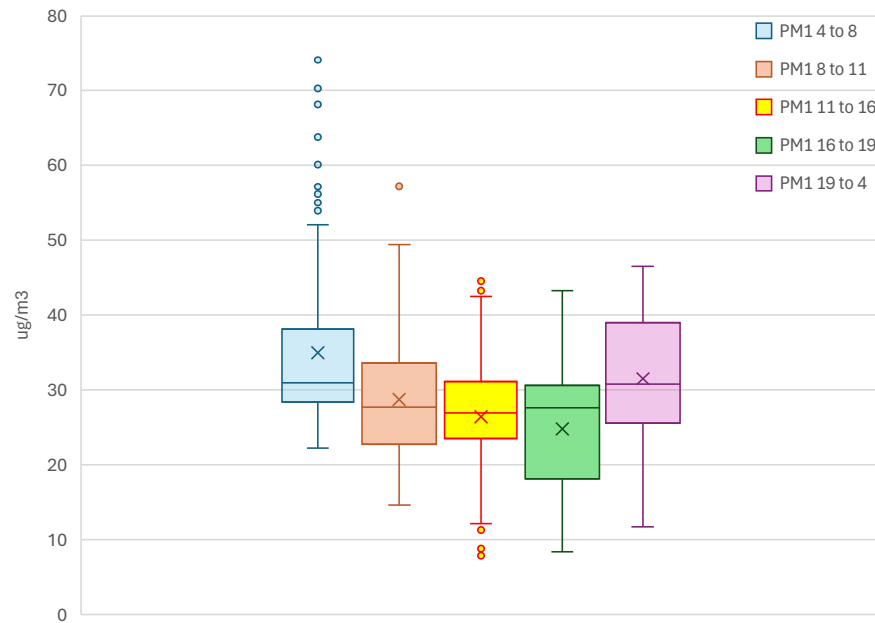
PM2.5 hourly distribution



| ug/m3          | Mean | Median | Q1  | Q3   | Min | Max  | # points |
|----------------|------|--------|-----|------|-----|------|----------|
| PM2.5 4 to 8   | 11.6 | 10.0   | 8.9 | 12.7 | 6.5 | 28.2 | 112      |
| PM2.5 8 to 11  | 9.3  | 9.0    | 6.7 | 11.2 | 3.8 | 20.5 | 84       |
| PM2.5 11 to 16 | 8.7  | 9.1    | 7.4 | 10.8 | 1.2 | 16.0 | 139      |
| PM2.5 16 to 19 | 8.1  | 9.4    | 5.2 | 10.3 | 1.3 | 14.7 | 83       |
| PM2.5 19 to 4  | 10.3 | 10.1   | 8.0 | 13.2 | 2.4 | 15.9 | 251      |

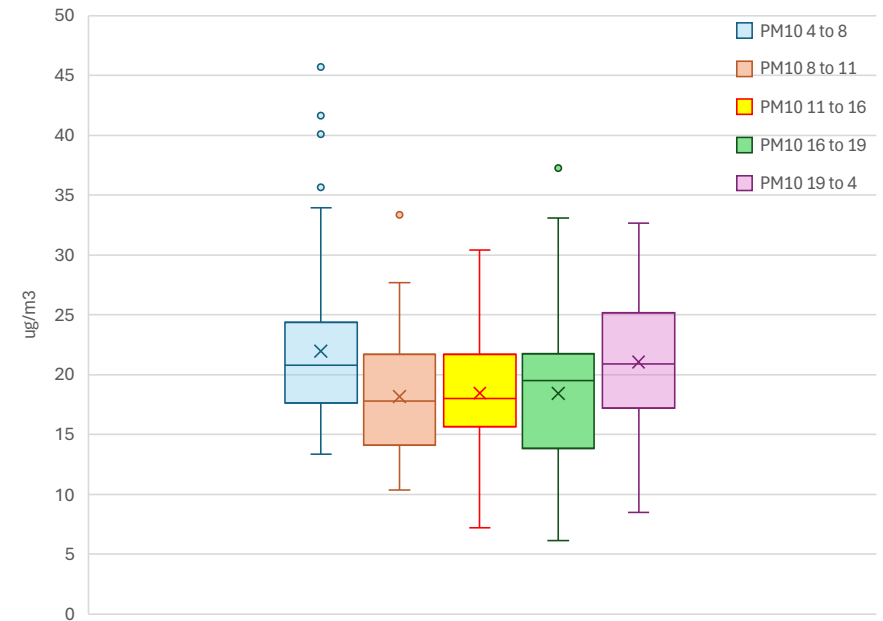
# Hourly concentration distribution

PM1 hourly distribution



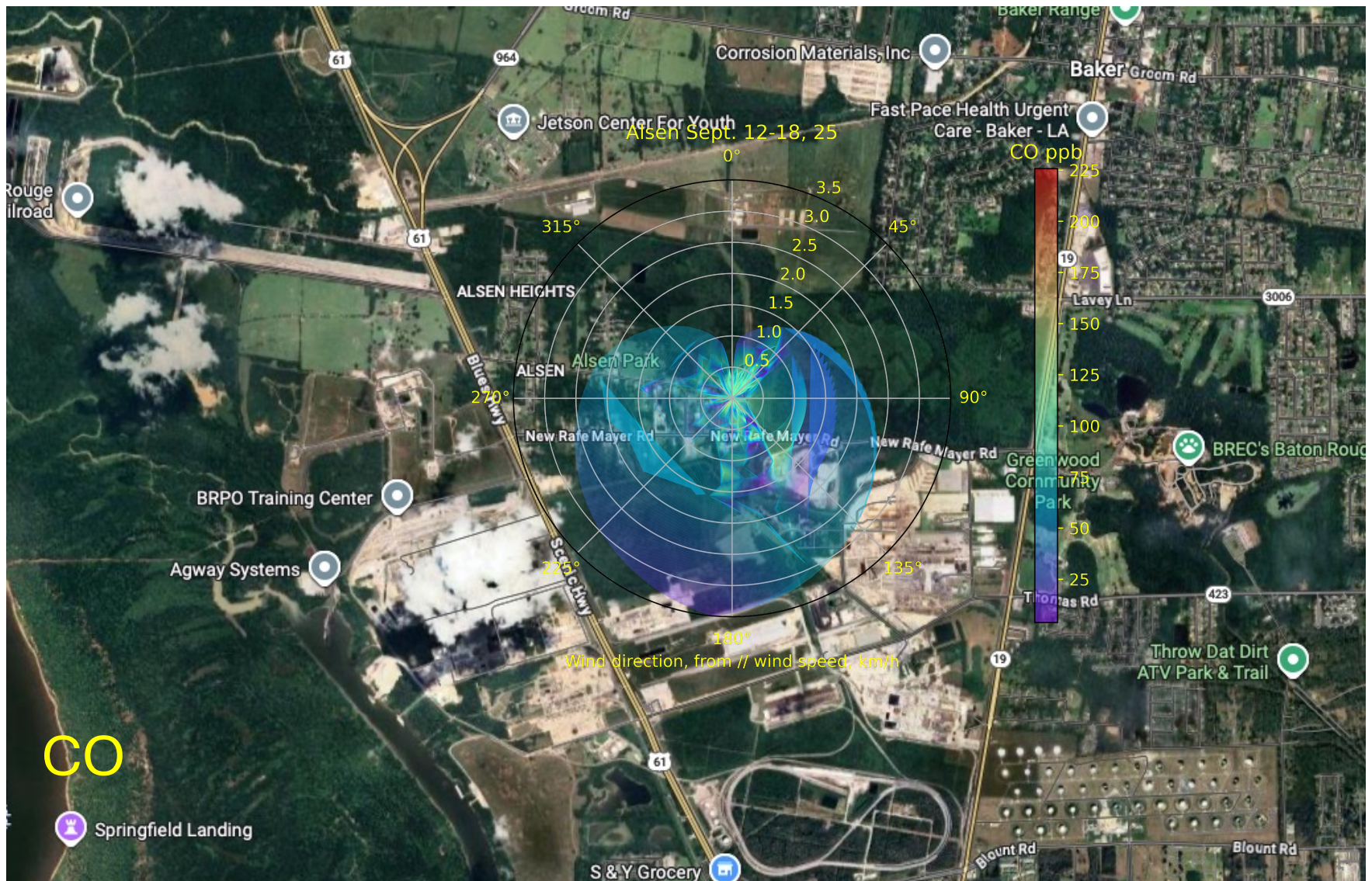
| ug/m3        | Mean | Median | Q1   | Q3   | Min  | Max  | # points |
|--------------|------|--------|------|------|------|------|----------|
| PM1 4 to 8   | 35.0 | 31.0   | 28.4 | 38.1 | 22.3 | 74.1 | 112      |
| PM1 8 to 11  | 28.8 | 27.7   | 22.7 | 33.6 | 14.6 | 57.2 | 84       |
| PM1 11 to 16 | 26.4 | 26.9   | 23.5 | 31.1 | 7.9  | 44.6 | 139      |
| PM1 16 to 19 | 24.8 | 27.6   | 18.2 | 30.6 | 8.4  | 43.3 | 83       |
| PM1 19 to 4  | 31.5 | 30.8   | 25.6 | 39.0 | 11.7 | 46.5 | 251      |

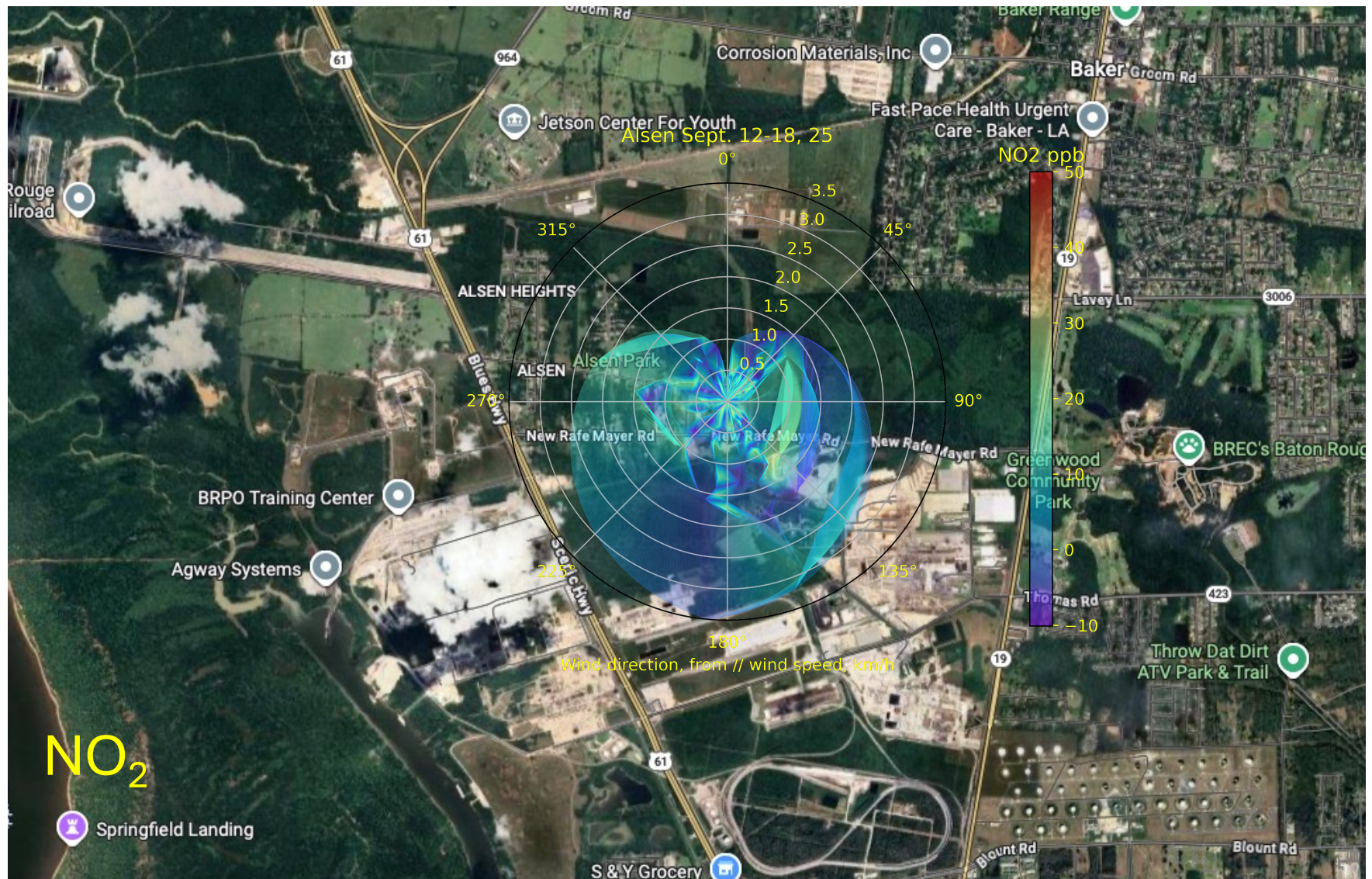
PM10 hourly distribution

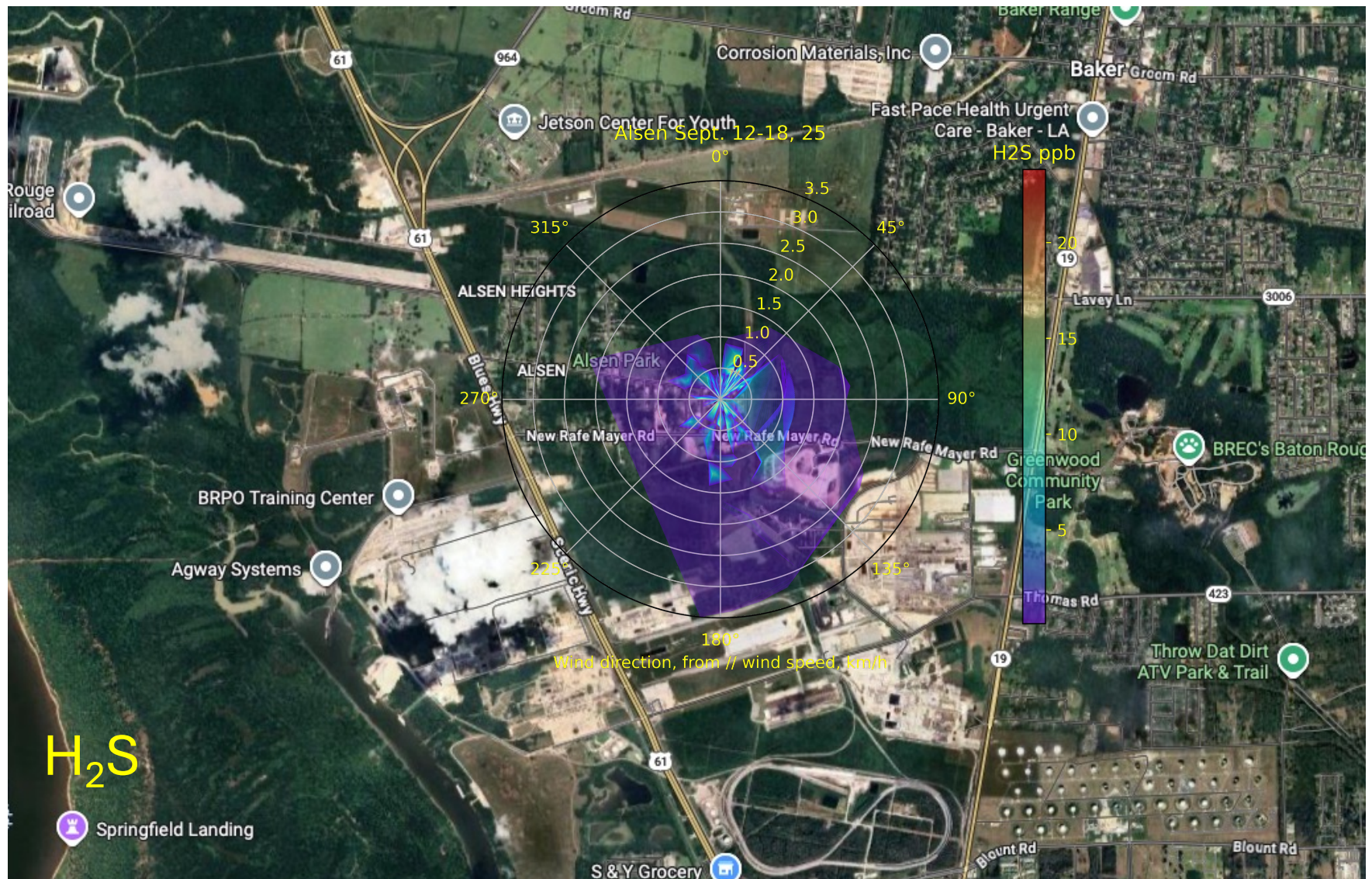


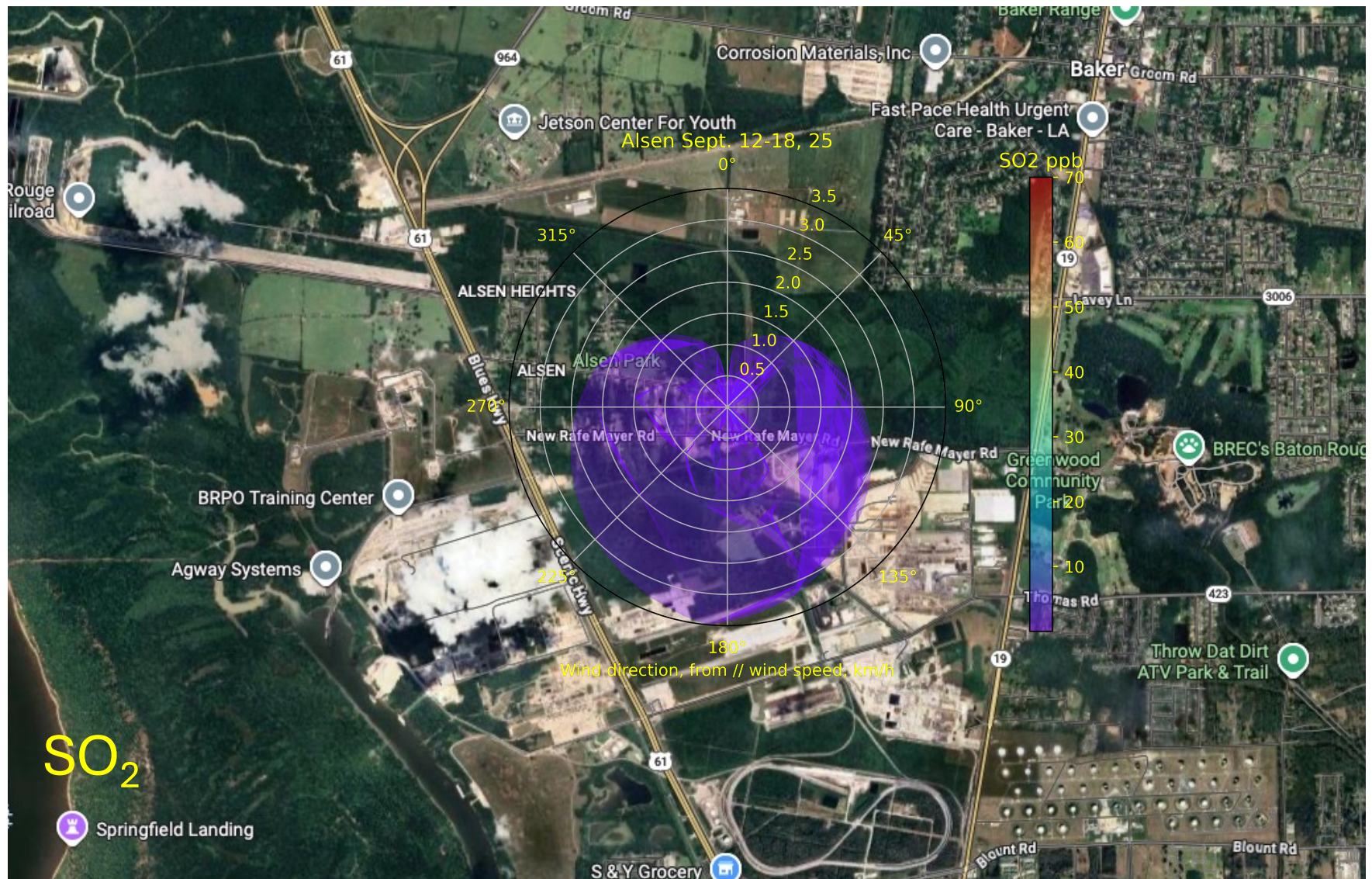
| ug/m3         | Mean | Median | Q1   | Q3   | Min  | Max  | # points |
|---------------|------|--------|------|------|------|------|----------|
| PM10 4 to 8   | 21.9 | 20.8   | 17.6 | 24.4 | 13.4 | 45.7 | 112      |
| PM10 8 to 11  | 18.1 | 17.8   | 14.1 | 21.7 | 10.4 | 33.3 | 84       |
| PM10 11 to 16 | 18.5 | 18.0   | 15.7 | 21.7 | 7.2  | 30.4 | 139      |
| PM10 16 to 19 | 18.4 | 19.5   | 13.8 | 21.7 | 6.1  | 37.3 | 83       |
| PM10 19 to 4  | 21.0 | 20.9   | 17.2 | 25.2 | 8.5  | 32.6 | 251      |

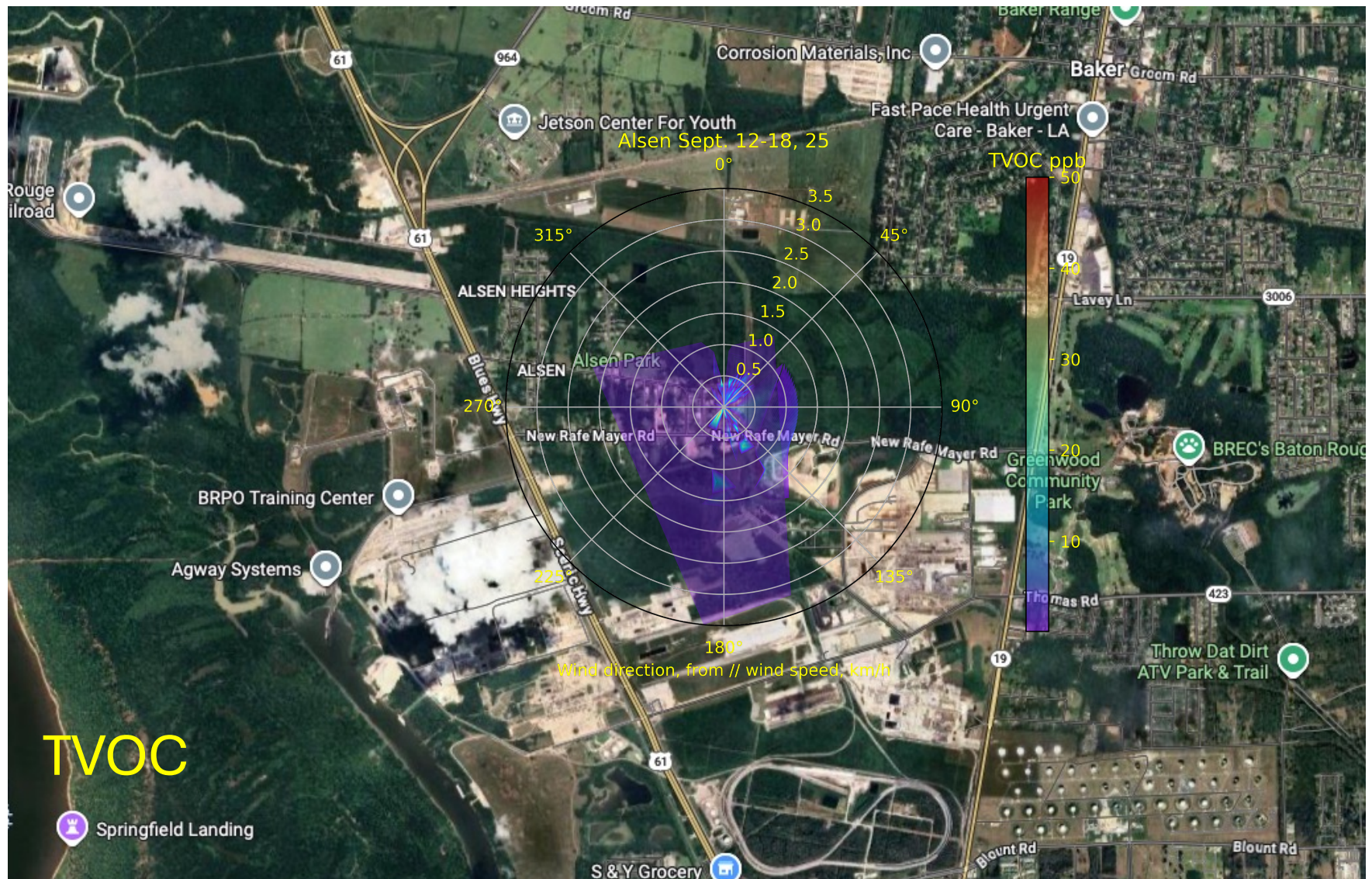
PM1 data is not referenced and calibrated against regulatory monitor

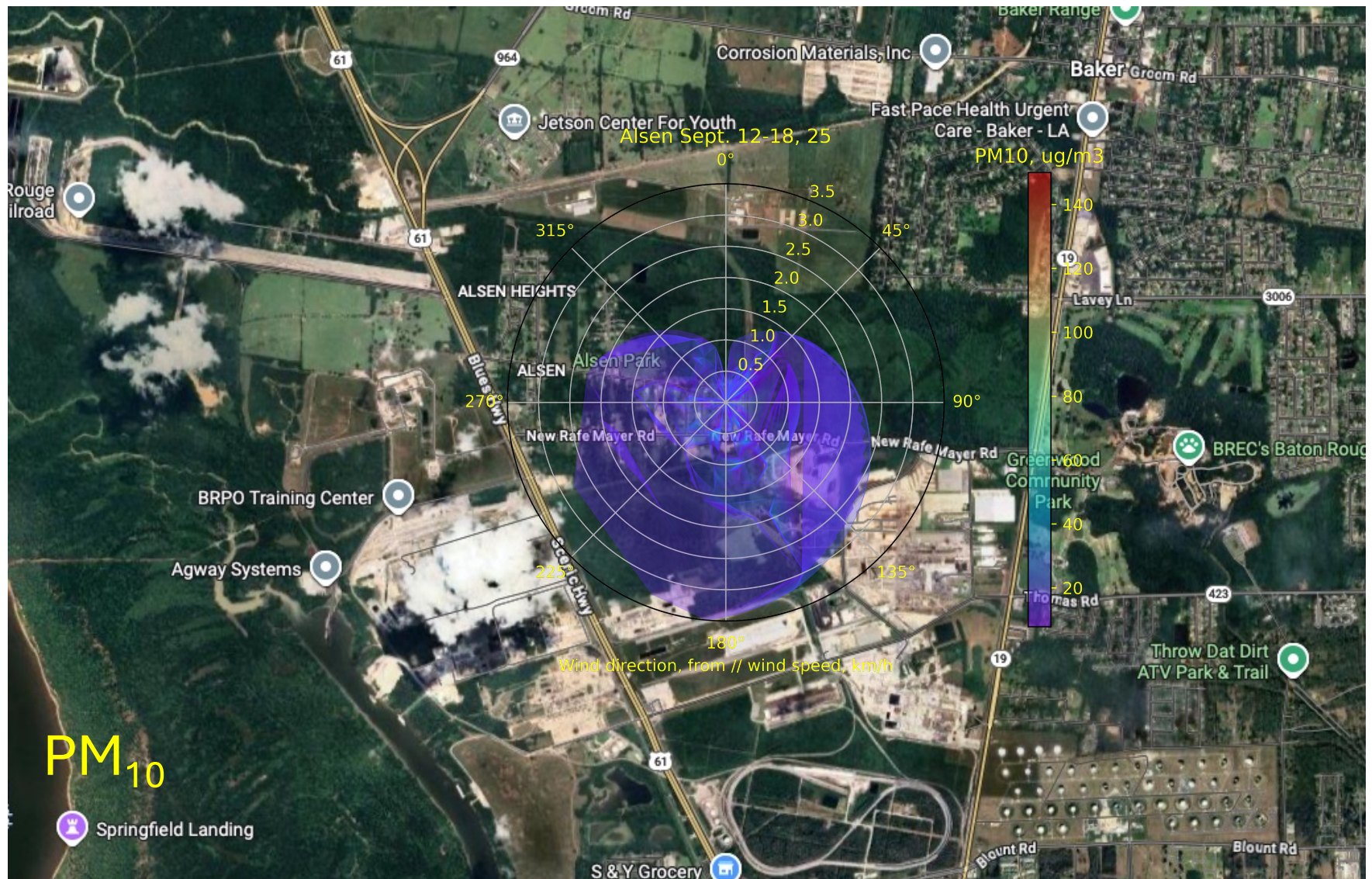


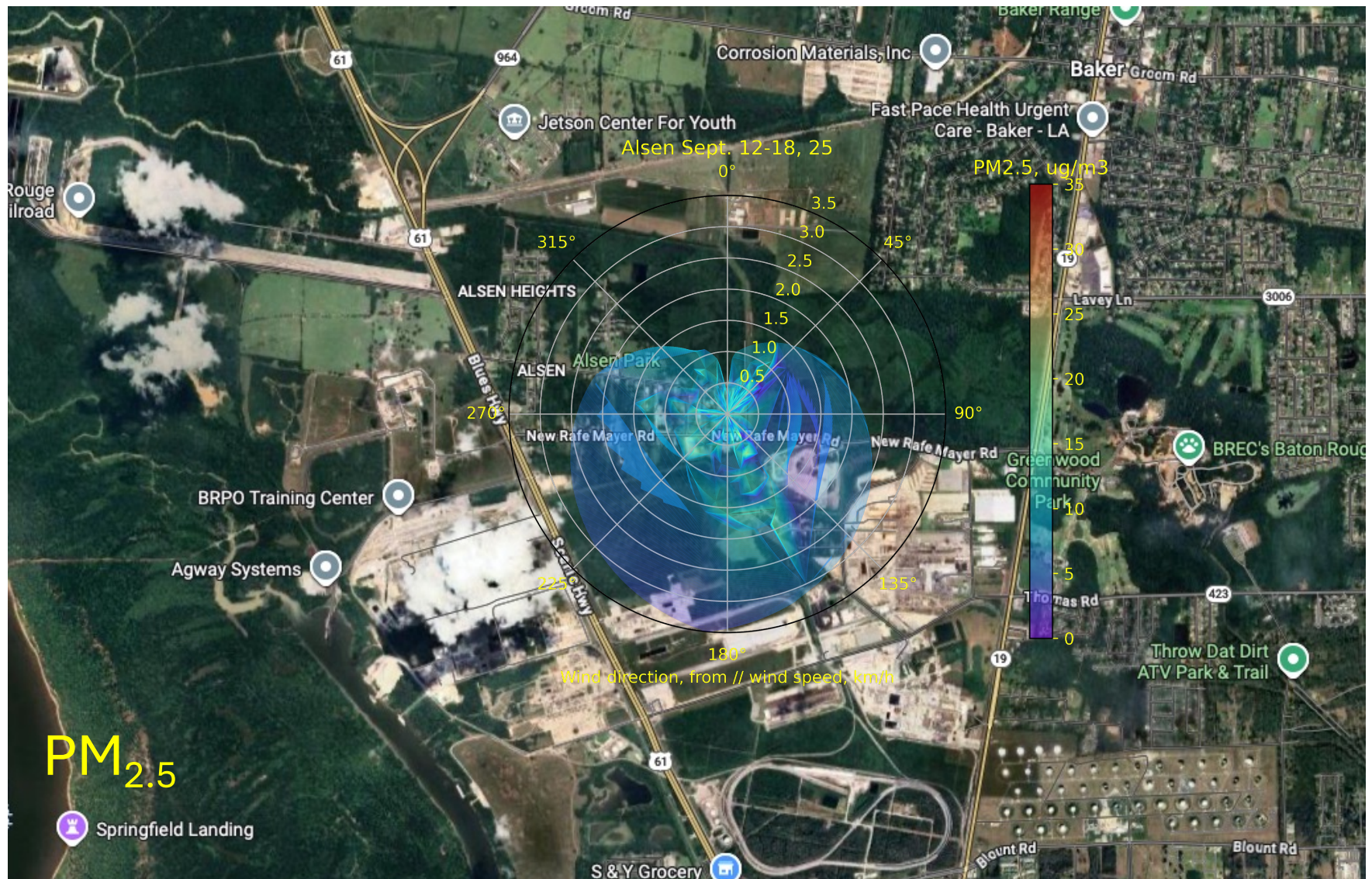


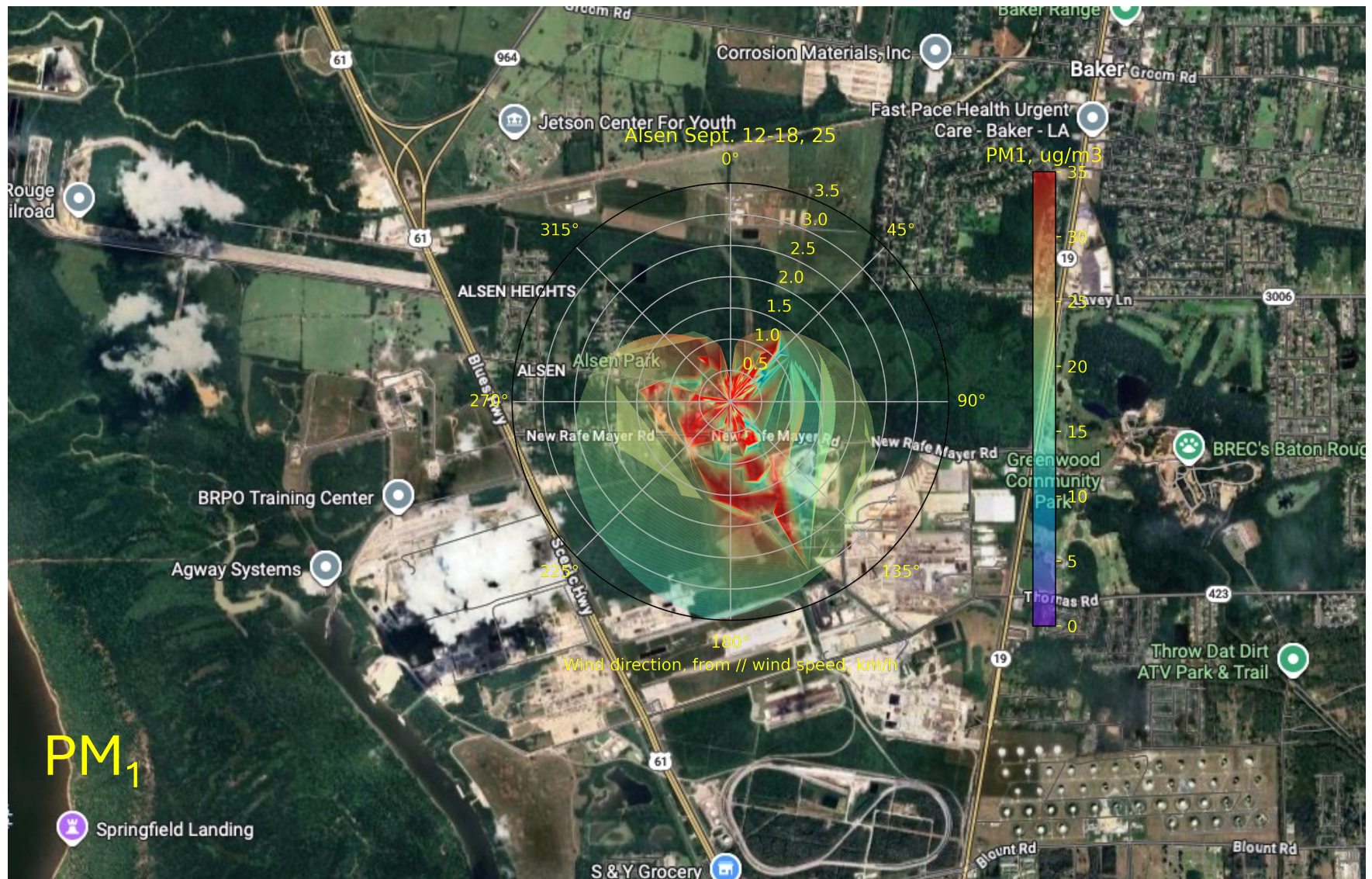












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- The map shows the Alsen Heights area in New Orleans, Louisiana. A yellow arrow points to a specific area labeled 'H<sub>2</sub>S' and 'PM<sub>2.5</sub> and PM<sub>10</sub>'. The map includes various landmarks such as Alsen Park, BRPO Training Center, and several roads like I-61 and I-19.

