



EarthSense Systems Ltd.

Zephyr Data Report

Zephyr Z851: 2022-03-01 to 2023-02-28

Unit Summary

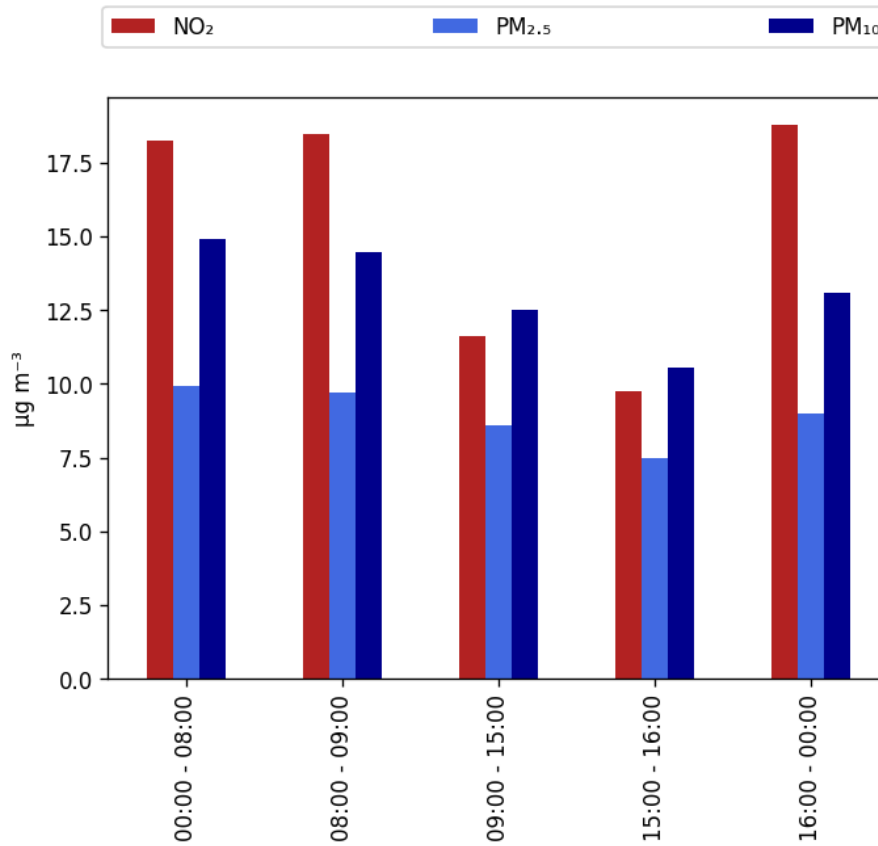
Site Name: Barrow Hill Junior School 851
Location: Lat: 51.532818333 / Lon: -0.168851667

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| 3.2. Temporal Variation for PM _{2.5} | 4 |
| 3.3. Temporal Variation for PM ₁₀ | 5 |

1. Average concentration by hour band

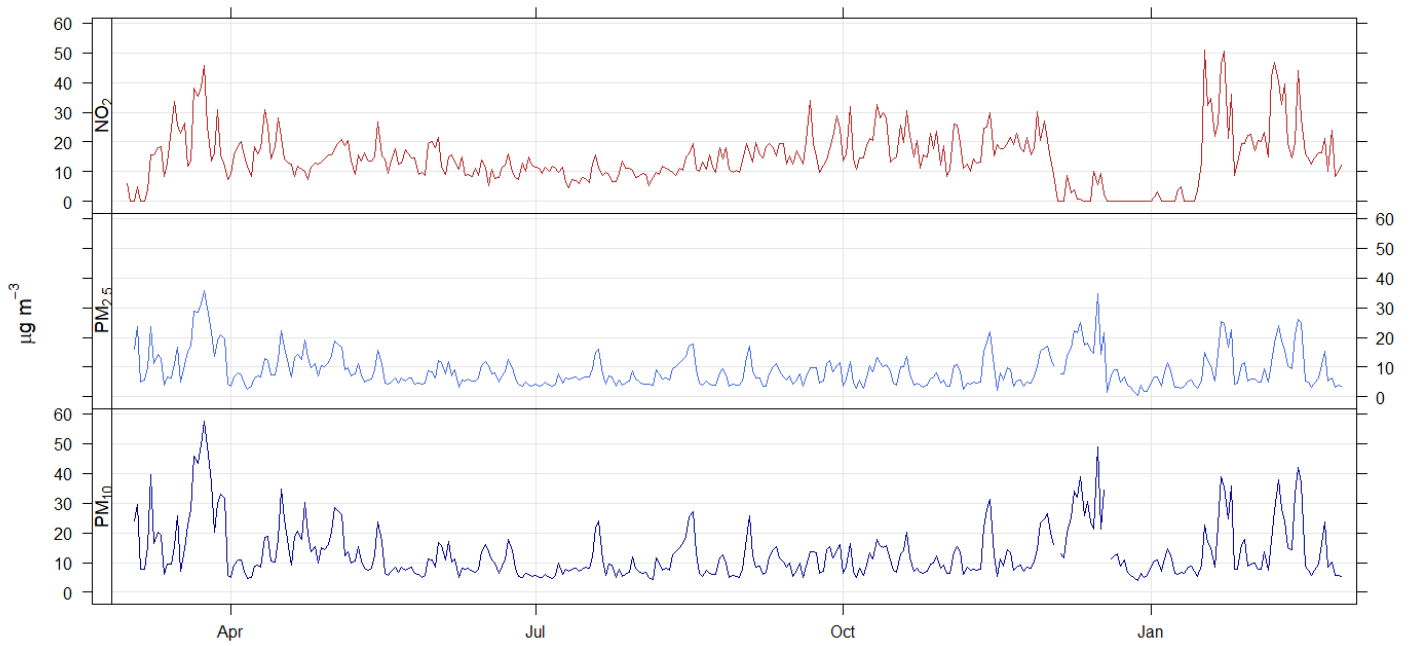
Average concentration for each pollutant, based on time band for the entire date range. All concentrations in $\mu\text{g}/\text{m}^3$.



| pollutant | 00:00 - 08:00 | 08:00 - 09:00 | 09:00 - 15:00 | 15:00 - 16:00 | 16:00 - 00:00 |
|-------------------|---------------|---------------|---------------|---------------|---------------|
| NO ₂ | 18.2 | 18.4 | 11.6 | 9.8 | 18.8 |
| PM _{2.5} | 9.9 | 9.7 | 8.6 | 7.5 | 9.0 |
| PM ₁₀ | 14.9 | 14.5 | 12.5 | 10.6 | 13.1 |

2. Time series of daily averages

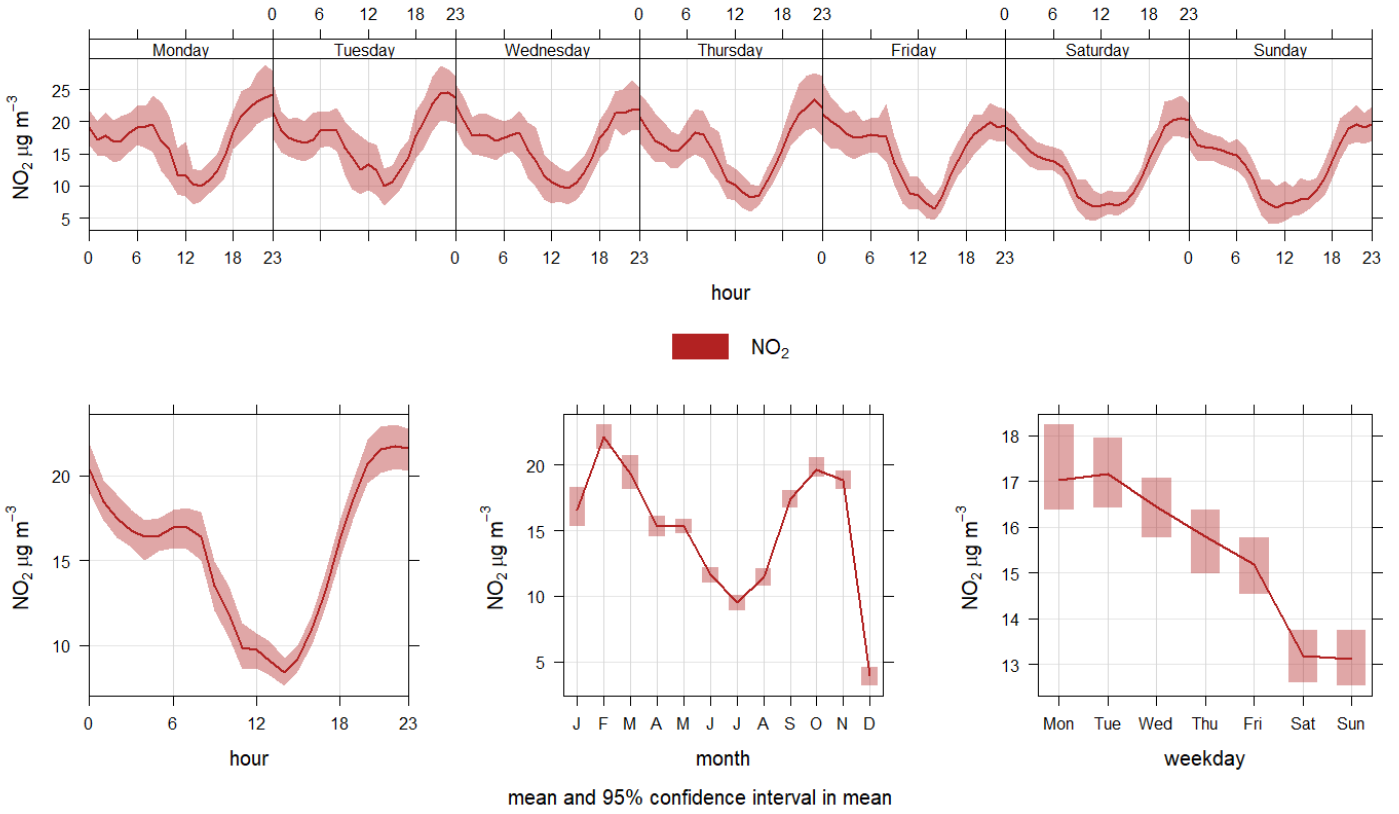
Visual representation of how the daily average of each pollutant changes over time.



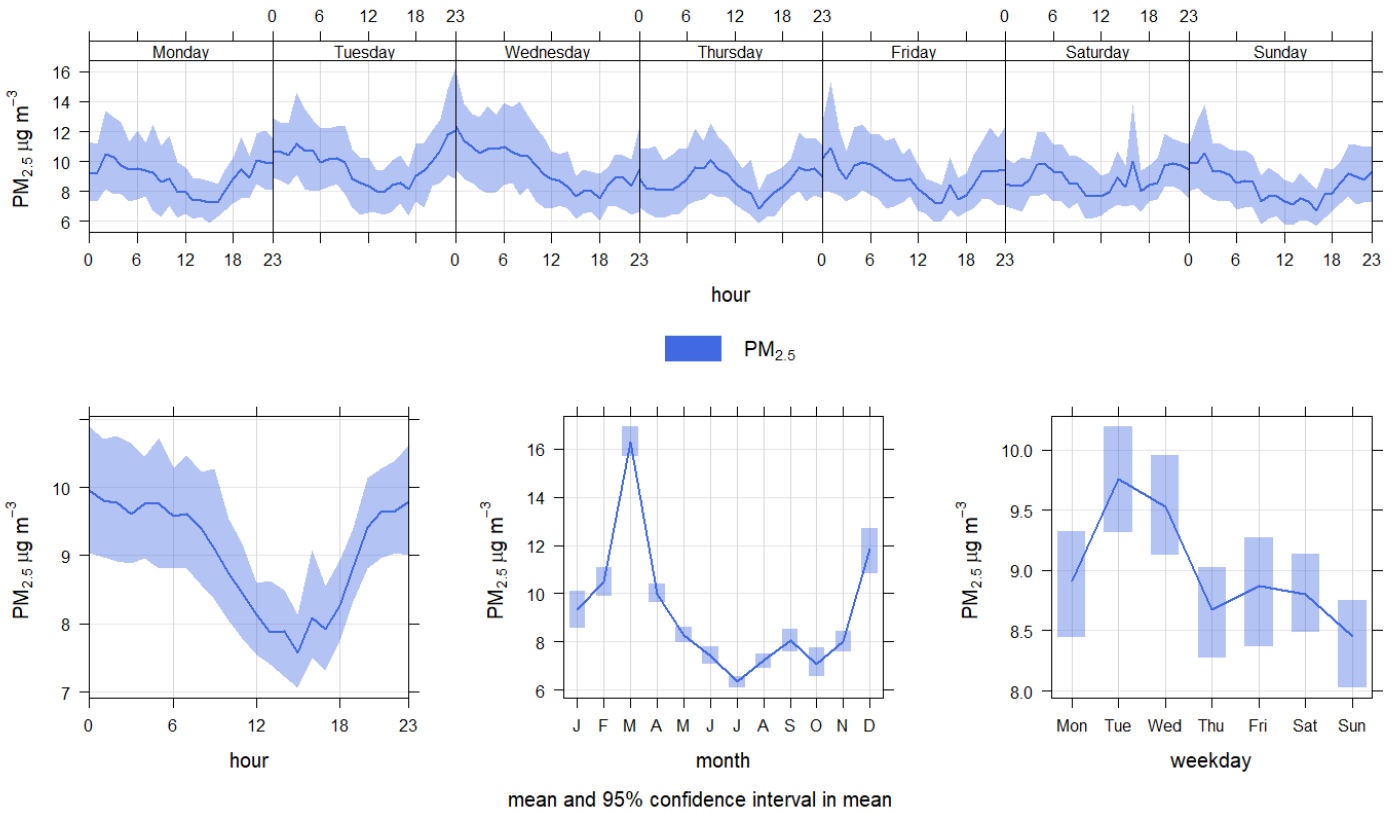
3. Temporal variations

Four temporal variation plots for each pollutant are presented: day of the week mean hourly concentration, mean hourly concentration, mean monthly concentration, and day of the week mean daily concentration. Uncertainty limits are shown as a 95% confidence interval.

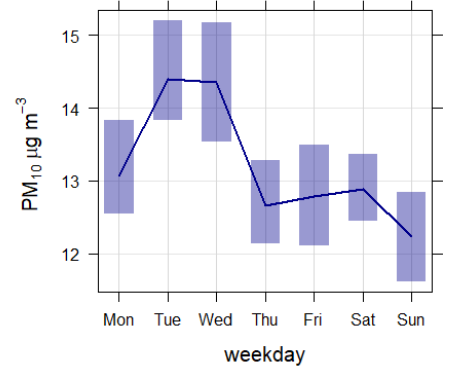
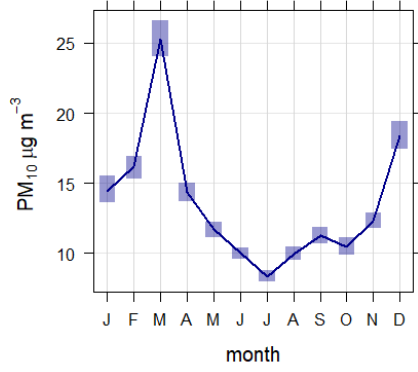
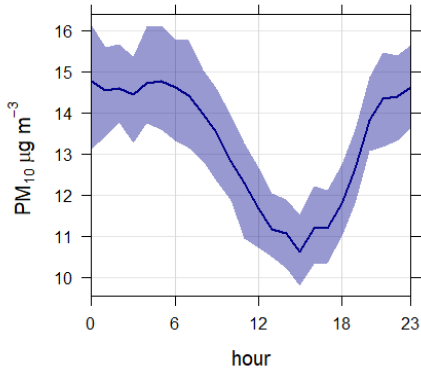
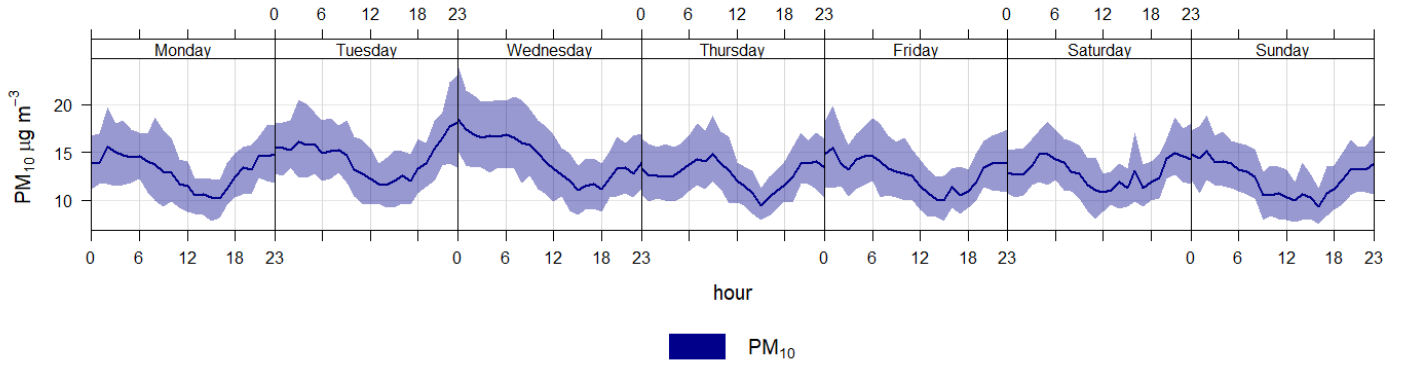
3.1. Temporal Variation for NO₂



3.2. Temporal Variation for PM_{2.5}



3.3. Temporal Variation for PM₁₀



mean and 95% confidence interval in mean



EarthSense Systems Ltd.

Zephyr Data Report

Zephyr Z964: 2022-06-01 to 2023-02-28

Unit Summary

Site Name: (SS) Queens Park Primary School 964

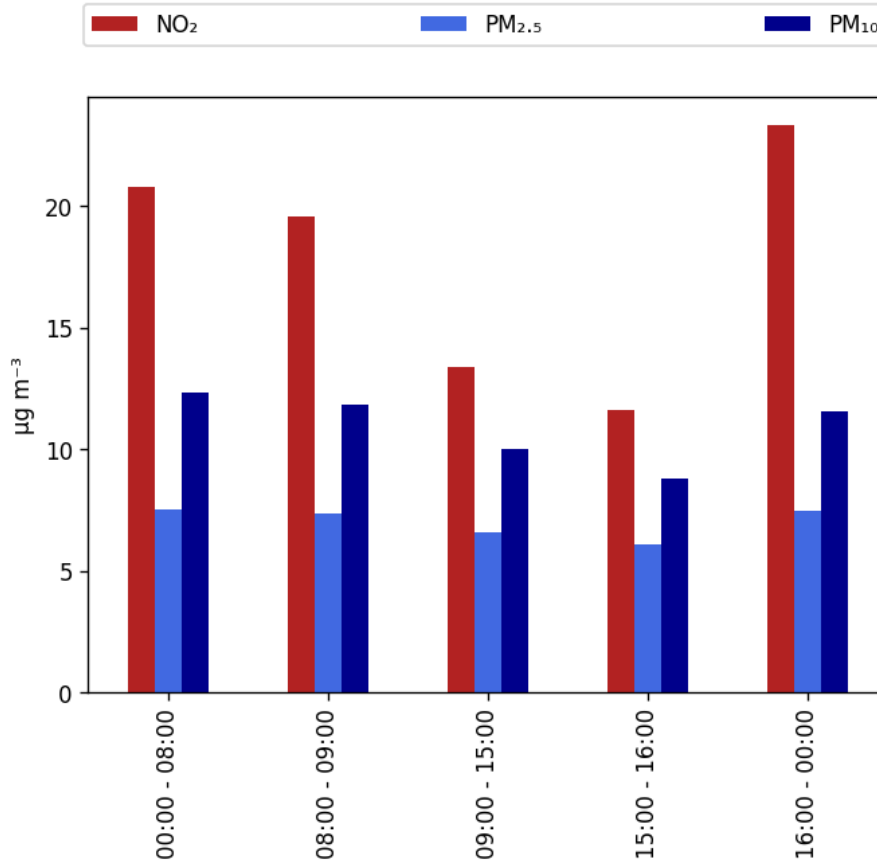
Location: Lat: 51.527188 / Lon: -0.20832

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| 3.3. Temporal Variation for PM ₁₀ | 5 |

1. Average concentration by hour band

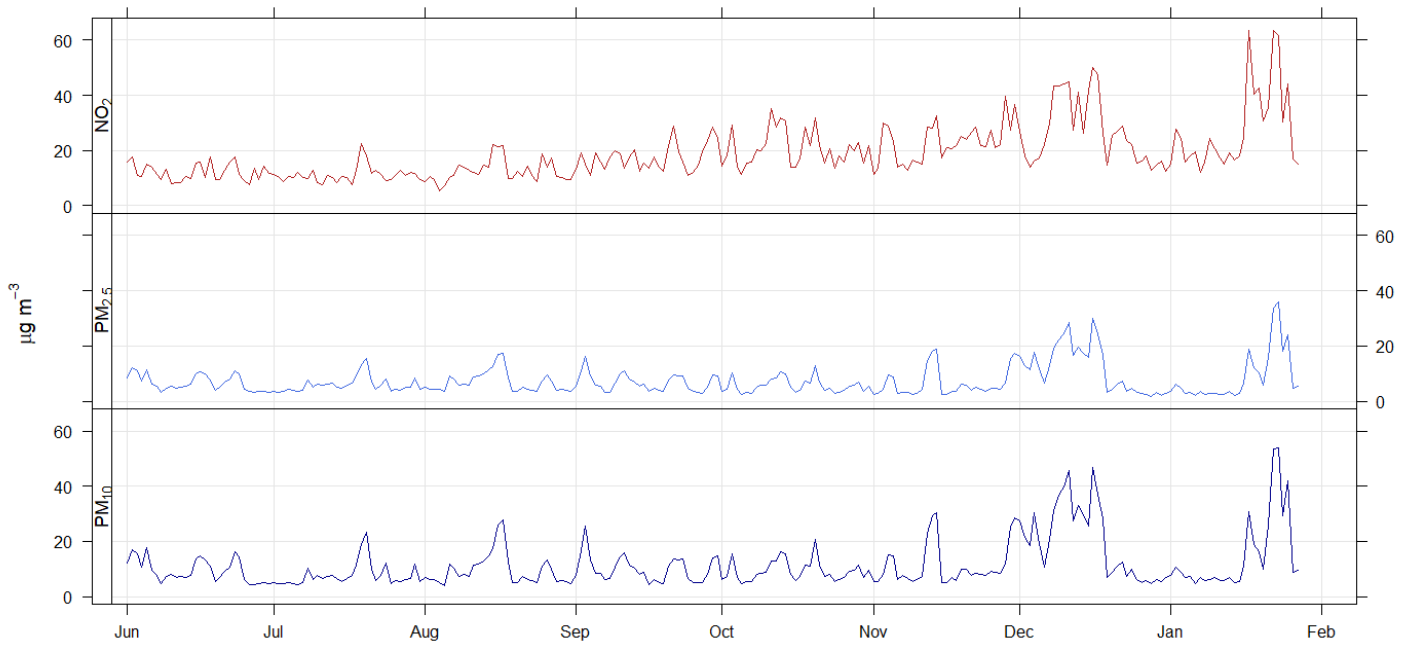
Average concentration for each pollutant, based on time band for the entire date range. All concentrations in $\mu\text{g}/\text{m}^3$.



| pollutant | 00:00 - 08:00 | 08:00 - 09:00 | 09:00 - 15:00 | 15:00 - 16:00 | 16:00 - 00:00 |
|-------------------|---------------|---------------|---------------|---------------|---------------|
| NO ₂ | 20.8 | 19.6 | 13.4 | 11.6 | 23.3 |
| PM _{2.5} | 7.5 | 7.3 | 6.6 | 6.1 | 7.5 |
| PM ₁₀ | 12.3 | 11.9 | 10.0 | 8.8 | 11.6 |

2. Time series of daily averages

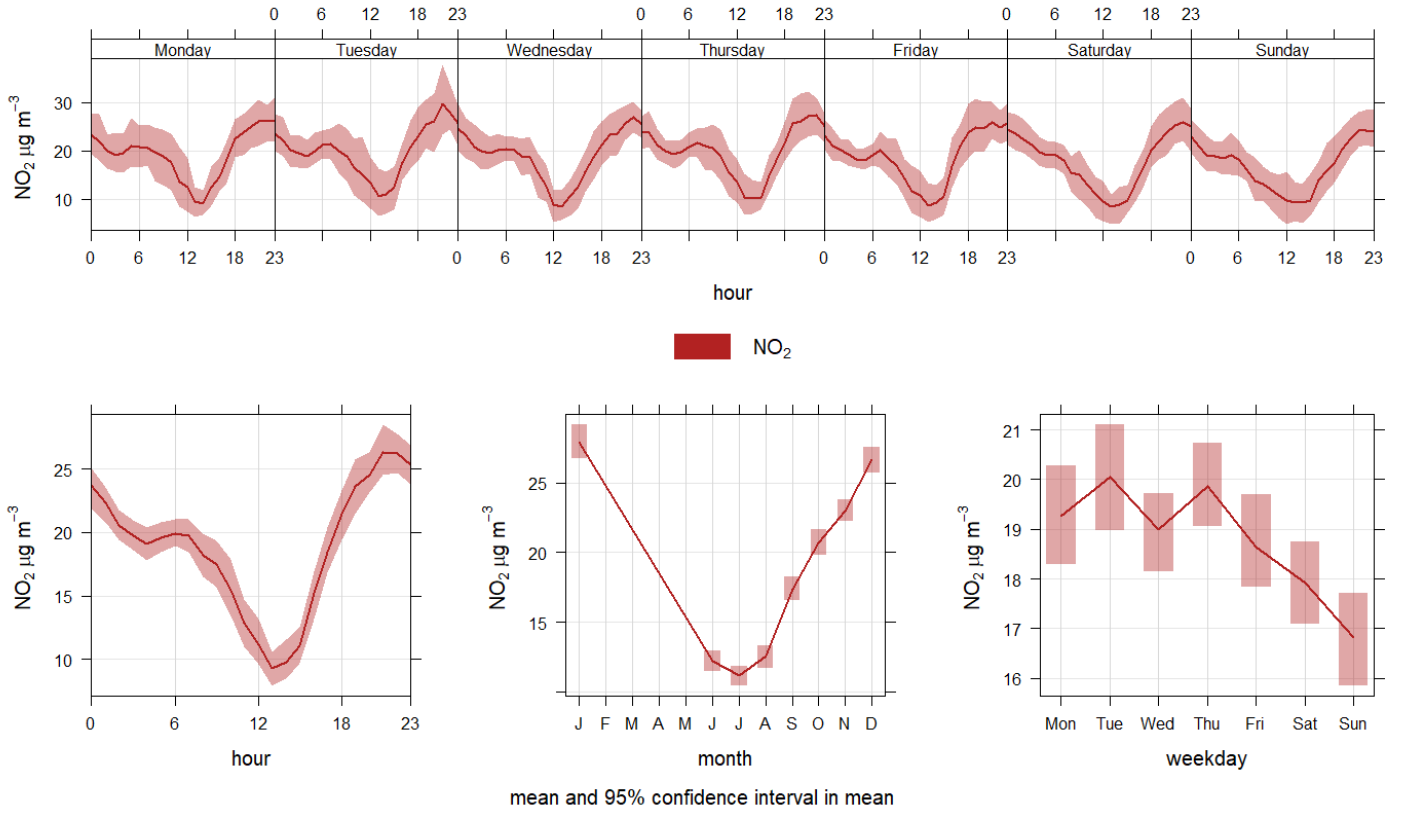
Visual representation of how the daily average of each pollutant changes over time.



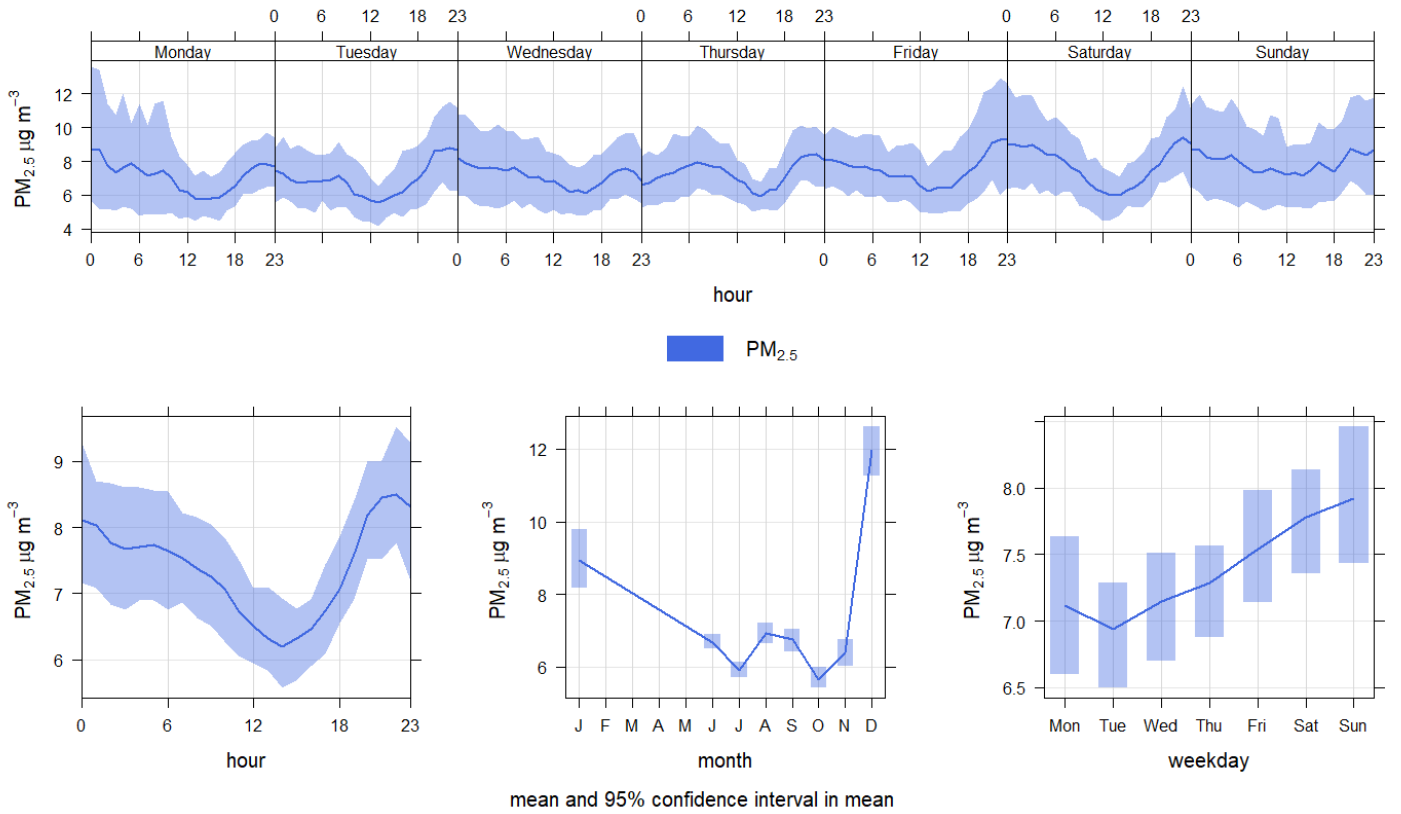
3. Temporal variations

Four temporal variation plots for each pollutant are presented: day of the week mean hourly concentration, mean hourly concentration, mean monthly concentration, and day of the week mean daily concentration. Uncertainty limits are shown as a 95% confidence interval.

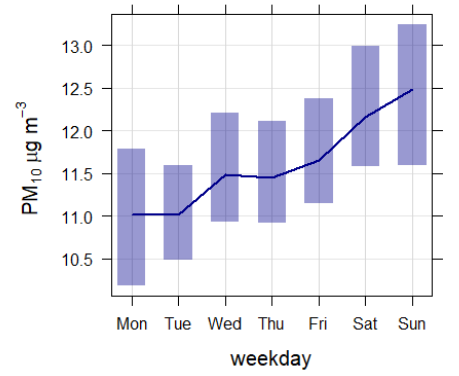
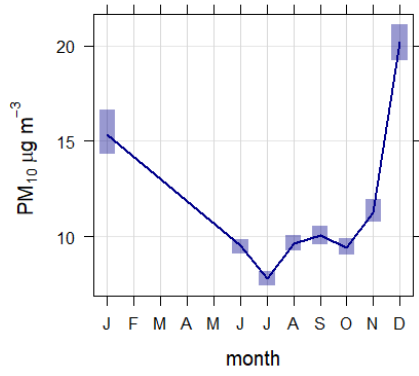
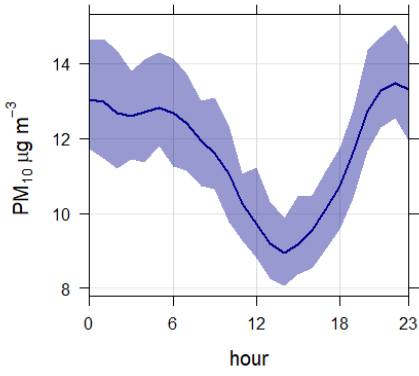
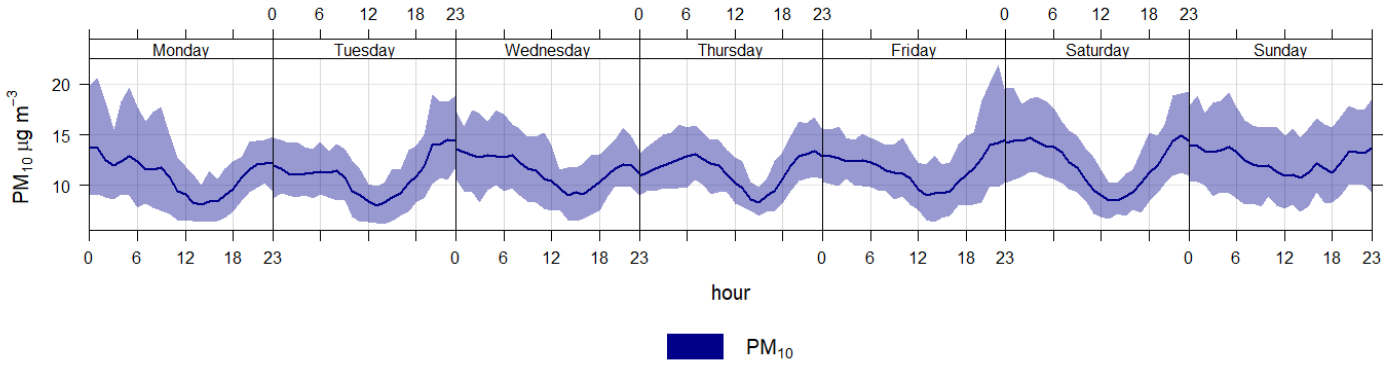
3.1. Temporal Variation for NO₂



3.2. Temporal Variation for PM_{2.5}



3.3. Temporal Variation for PM₁₀



mean and 95% confidence interval in mean



EarthSense Systems Ltd.

Zephyr Data Report

Zephyr Z905: 2022-07-01 to 2023-02-28

Unit Summary

Site Name: (SS) St Mary's Magdalene C Of E Primary School 905

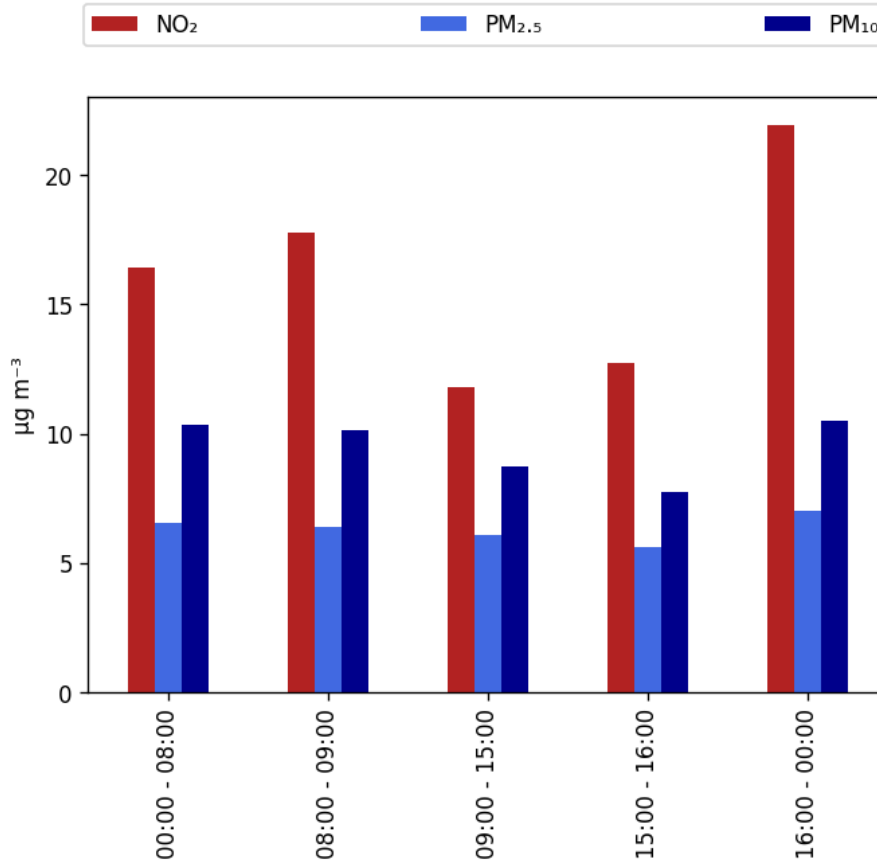
Location: Lat: 51.522298 / Lon: -0.189398

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| 3.1. Temporal Variation for NO ₂ | 4 |
| 3.2. Temporal Variation for PM _{2.5} | 4 |
| 3.3. Temporal Variation for PM ₁₀ | 5 |

1. Average concentration by hour band

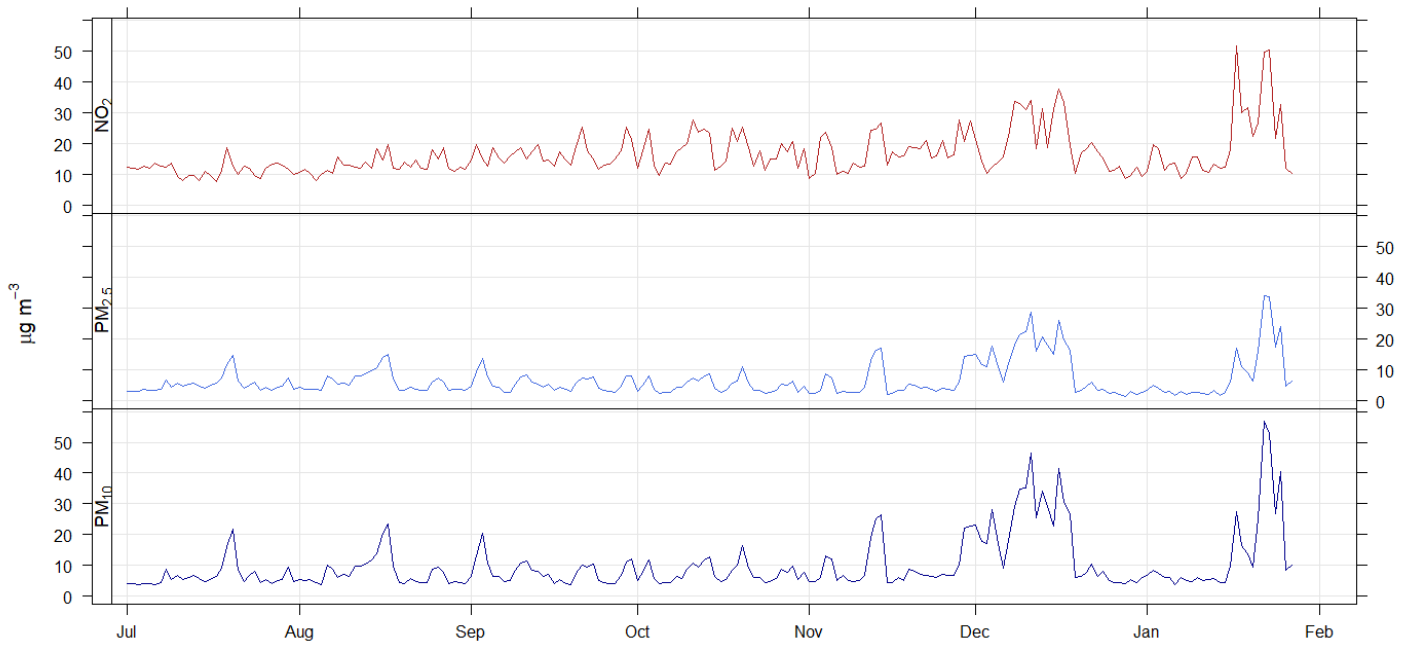
Average concentration for each pollutant, based on time band for the entire date range. All concentrations in $\mu\text{g}/\text{m}^3$.



| pollutant | 00:00 - 08:00 | 08:00 - 09:00 | 09:00 - 15:00 | 15:00 - 16:00 | 16:00 - 00:00 |
|-------------------|---------------|---------------|---------------|---------------|---------------|
| NO ₂ | 16.4 | 17.8 | 11.8 | 12.8 | 21.9 |
| PM _{2.5} | 6.6 | 6.4 | 6.1 | 5.6 | 7.0 |
| PM ₁₀ | 10.4 | 10.1 | 8.8 | 7.7 | 10.5 |

2. Time series of daily averages

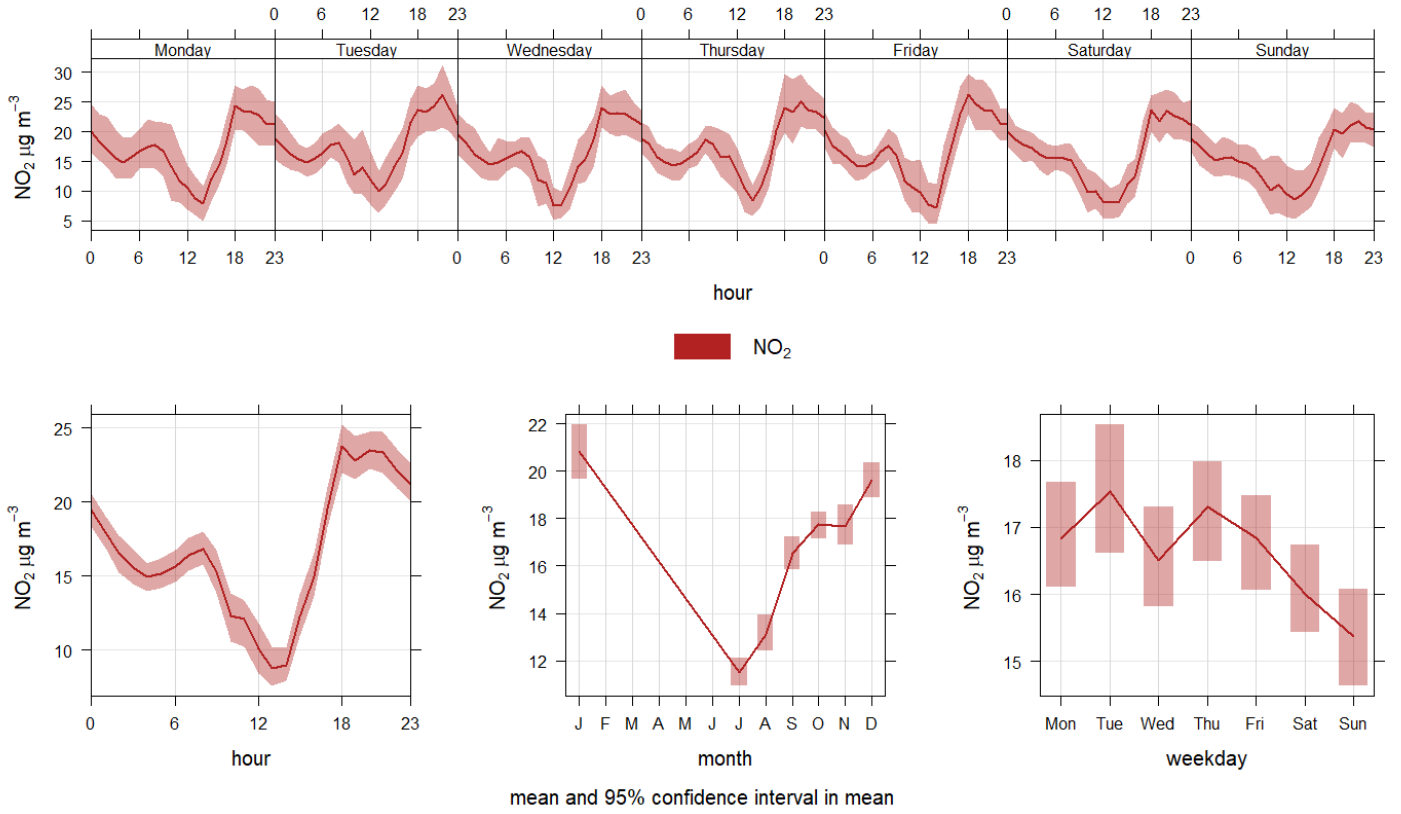
Visual representation of how the daily average of each pollutant changes over time.



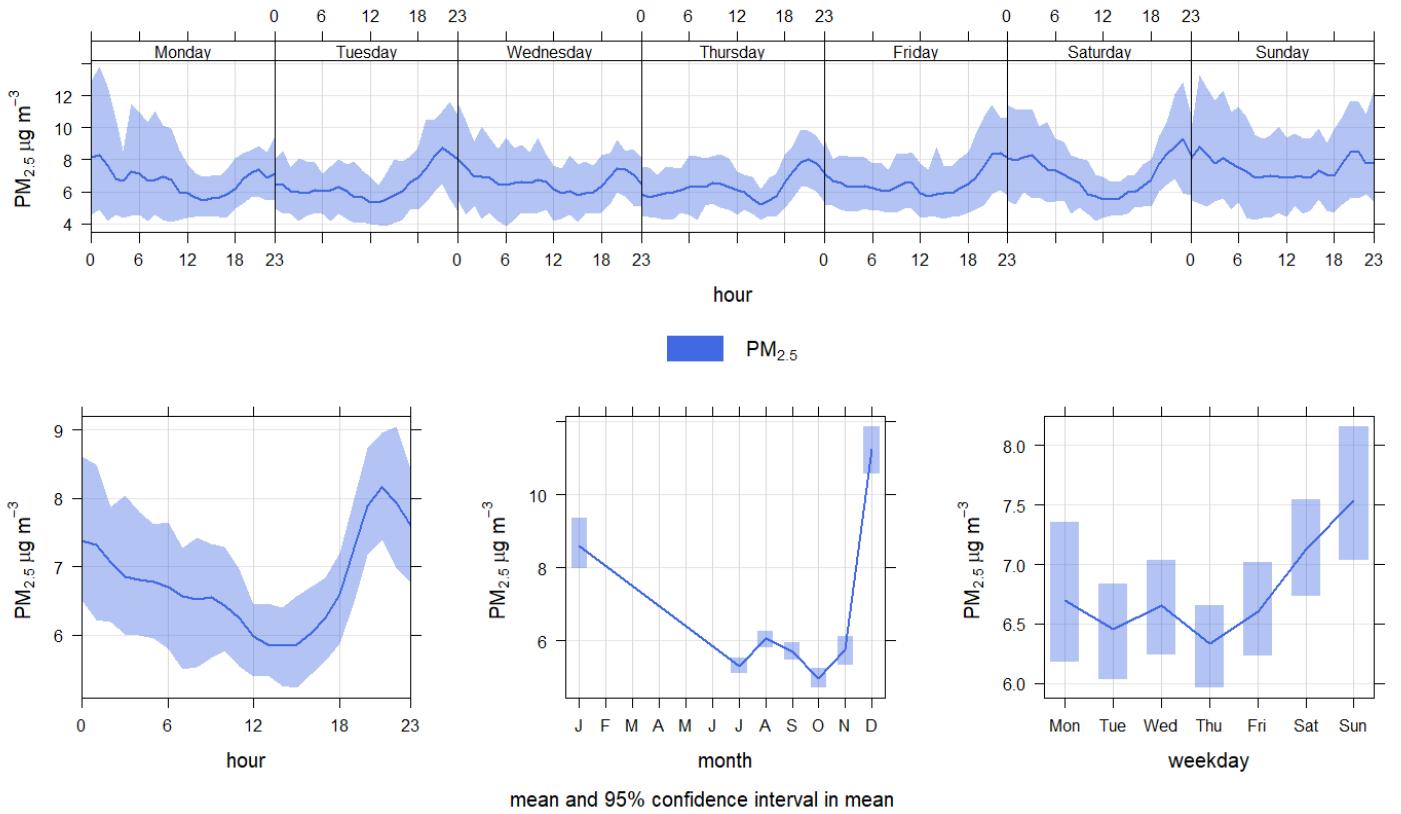
3. Temporal variations

Four temporal variation plots for each pollutant are presented: day of the week mean hourly concentration, mean hourly concentration, mean monthly concentration, and day of the week mean daily concentration. Uncertainty limits are shown as a 95% confidence interval.

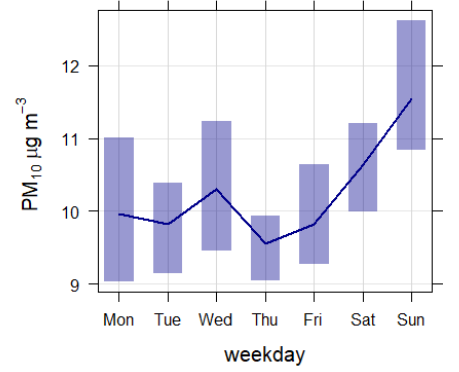
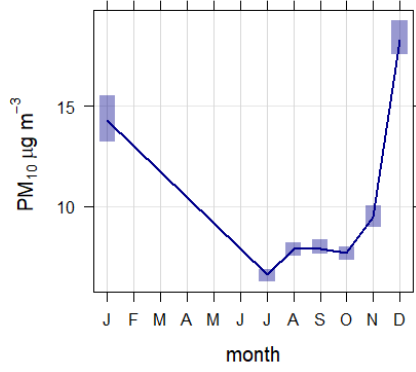
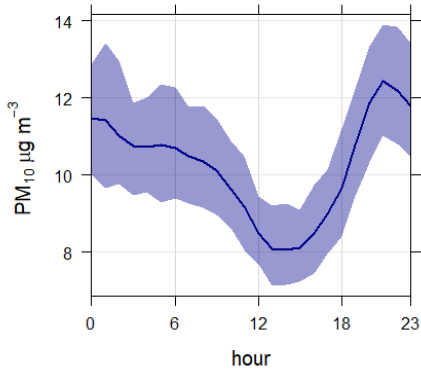
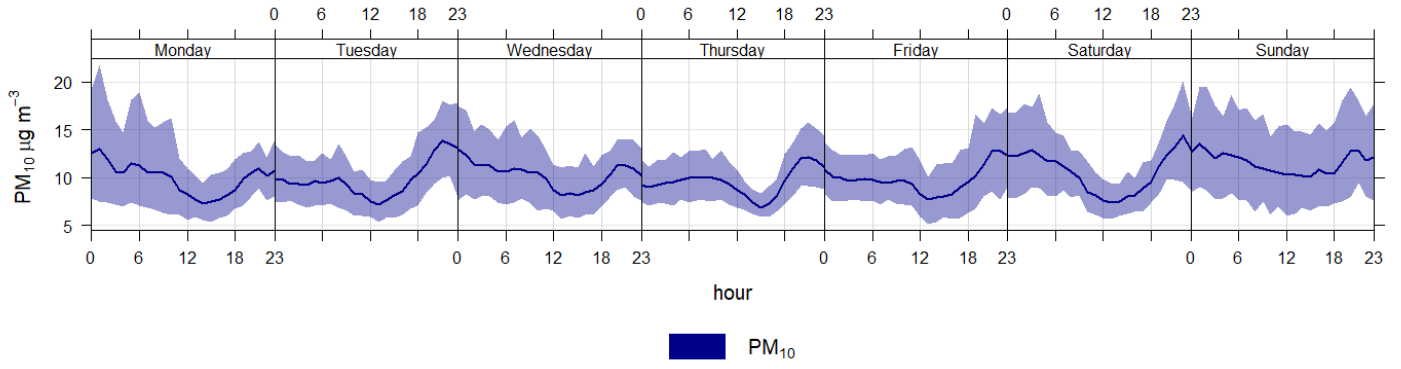
3.1. Temporal Variation for NO₂



3.2. Temporal Variation for PM_{2.5}



3.3. Temporal Variation for PM₁₀



mean and 95% confidence interval in mean



EarthSense Systems Ltd.

Zephyr Data Report

Zephyr Z1106: 2022-07-01 to 2023-02-28

Unit Summary

Site Name: (SS) St Mary's Of The Angel RC Primary School 1106

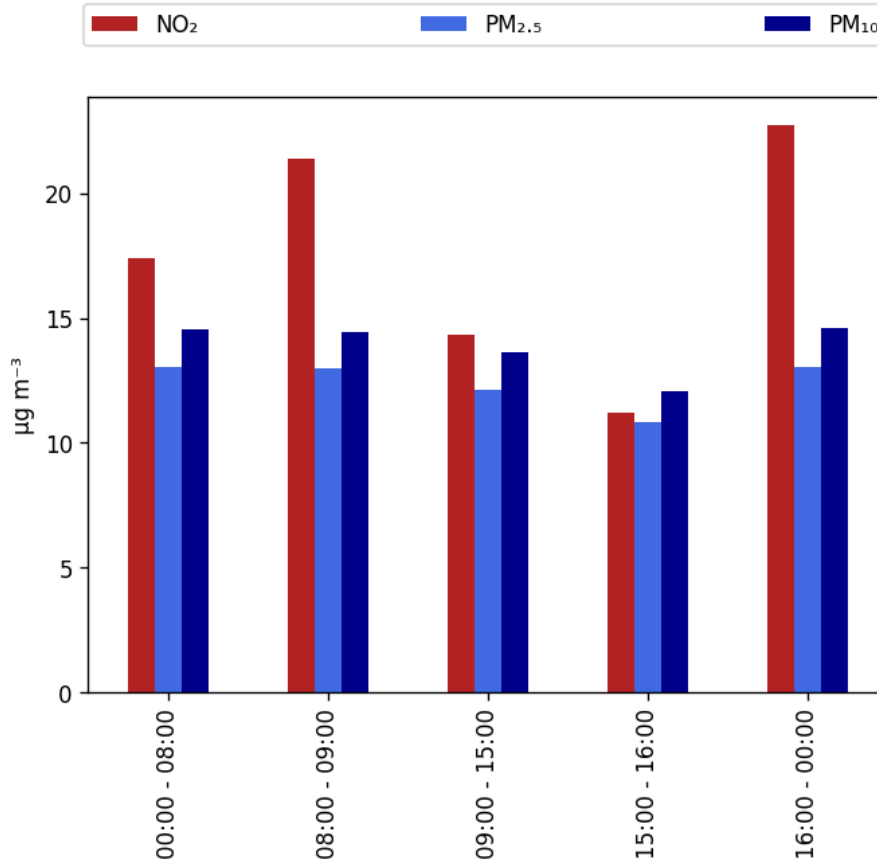
Location: Lat: 51.518099 / Lon: -0.197633

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| 3.1. Temporal Variation for NO ₂ | 4 |
| 3.2. Temporal Variation for PM _{2.5} | 4 |
| 3.3. Temporal Variation for PM ₁₀ | 5 |

1. Average concentration by hour band

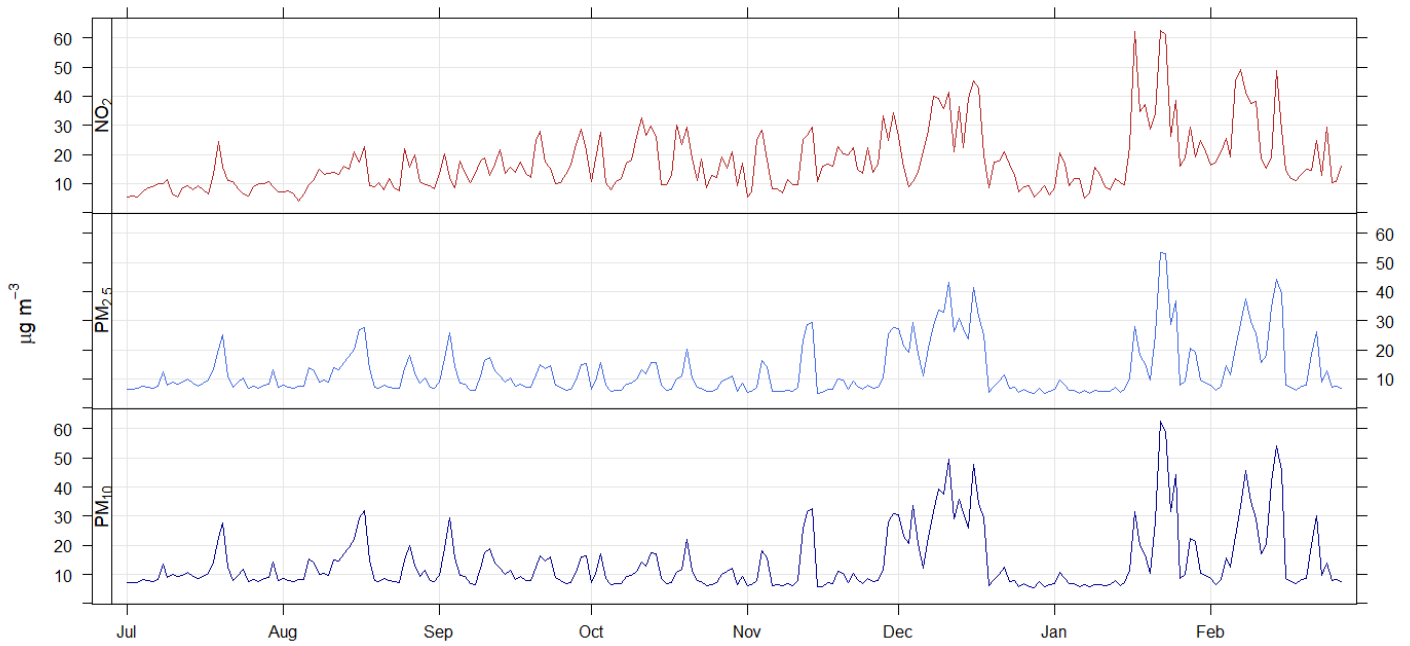
Average concentration for each pollutant, based on time band for the entire date range. All concentrations in $\mu\text{g}/\text{m}^3$.



| pollutant | 00:00 - 08:00 | 08:00 - 09:00 | 09:00 - 15:00 | 15:00 - 16:00 | 16:00 - 00:00 |
|-------------------|---------------|---------------|---------------|---------------|---------------|
| NO ₂ | 17.4 | 21.4 | 14.3 | 11.2 | 22.7 |
| PM _{2.5} | 13.1 | 13.0 | 12.1 | 10.8 | 13.1 |
| PM ₁₀ | 14.5 | 14.5 | 13.6 | 12.1 | 14.6 |

2. Time series of daily averages

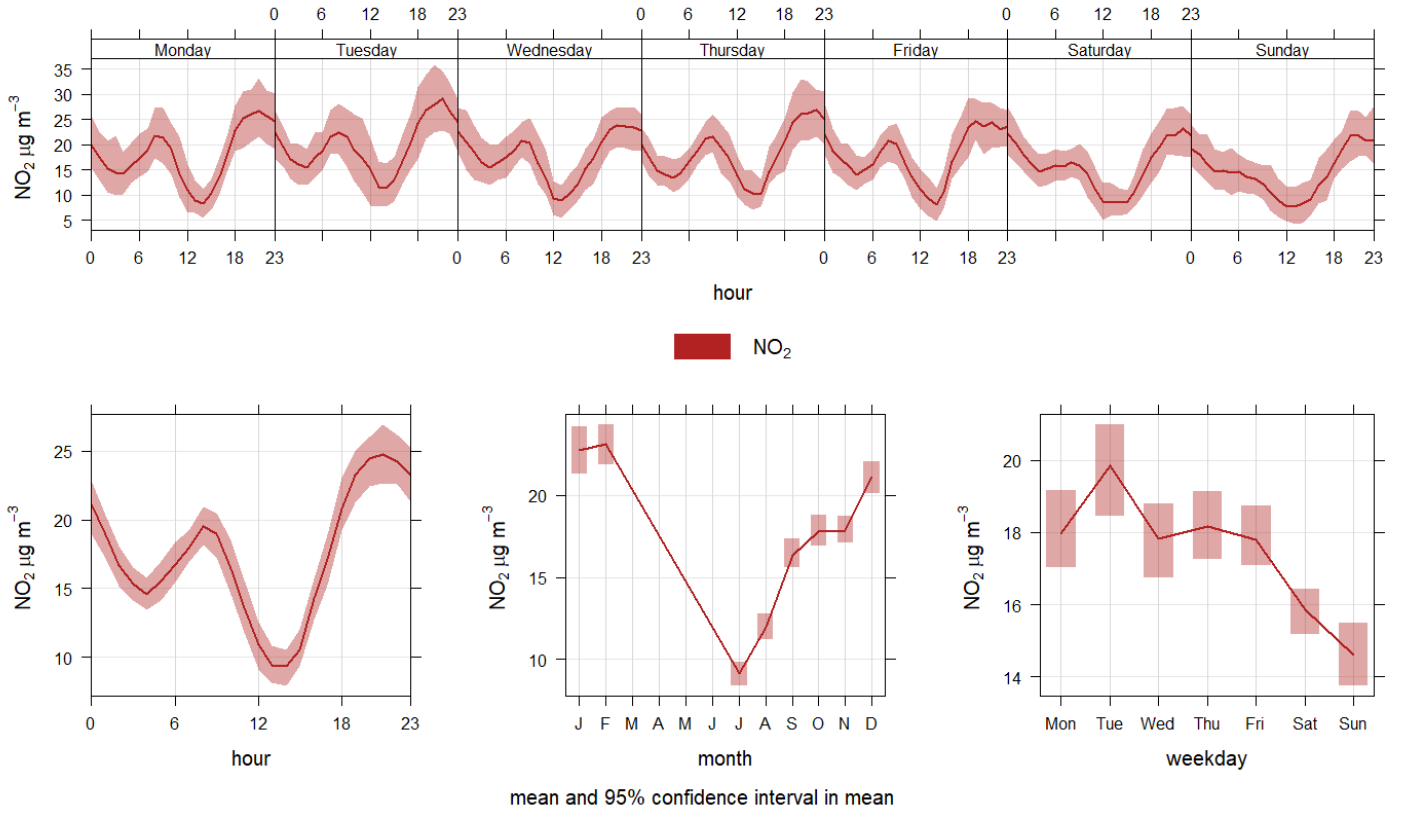
Visual representation of how the daily average of each pollutant changes over time.



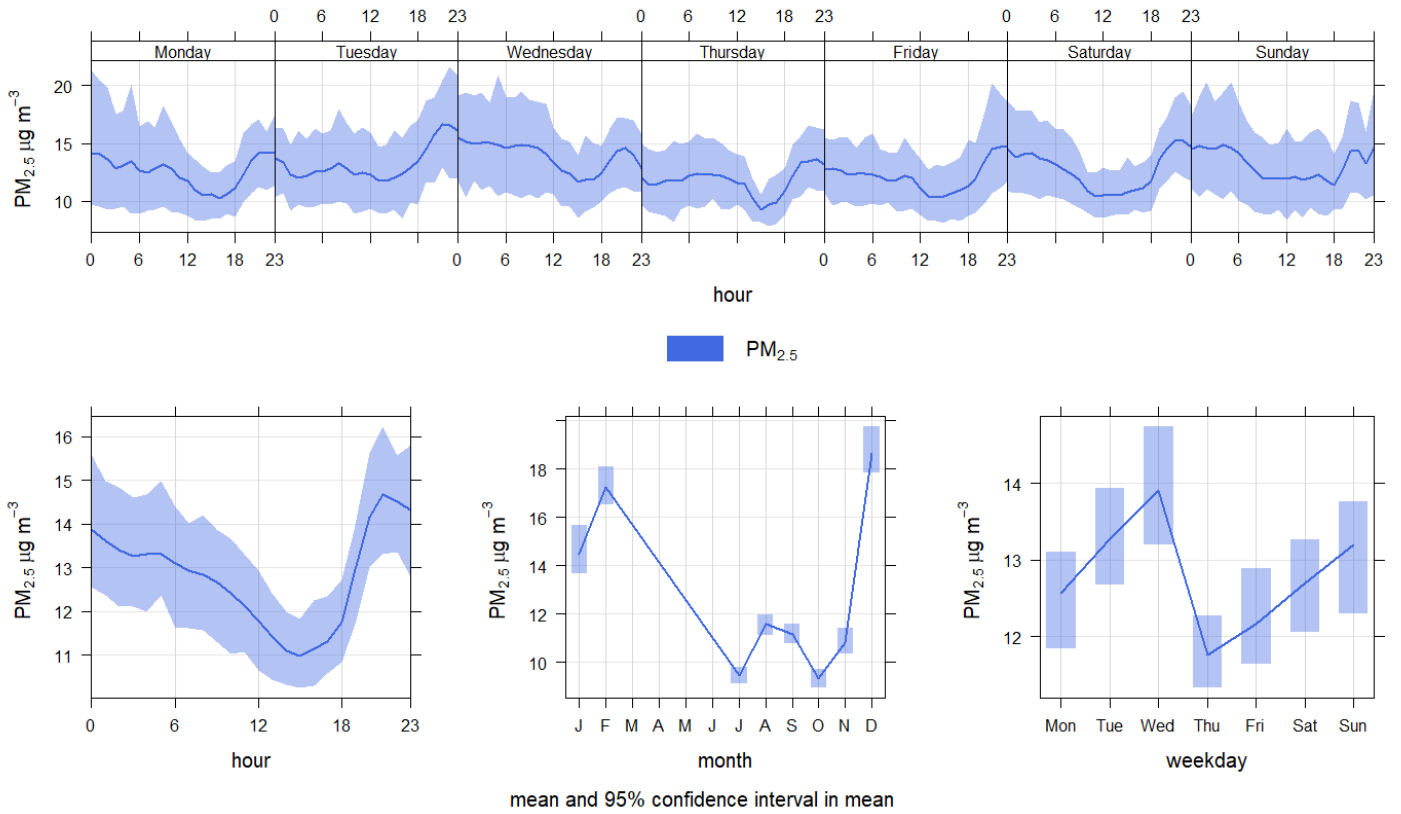
3. Temporal variations

Four temporal variation plots for each pollutant are presented: day of the week mean hourly concentration, mean hourly concentration, mean monthly concentration, and day of the week mean daily concentration. Uncertainty limits are shown as a 95% confidence interval.

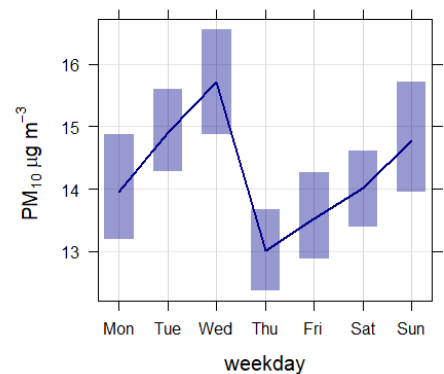
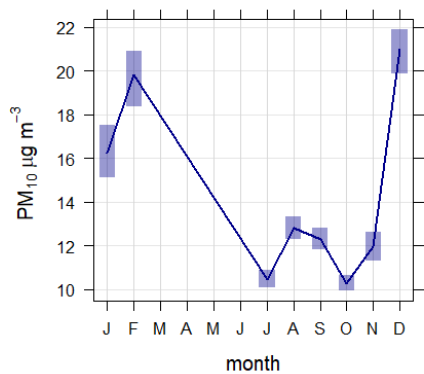
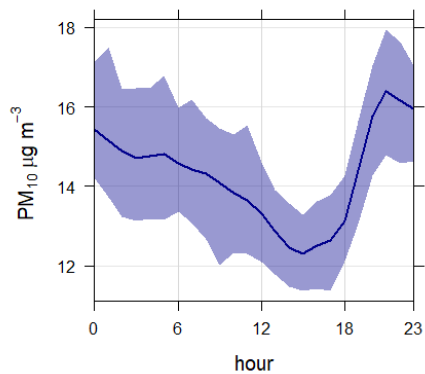
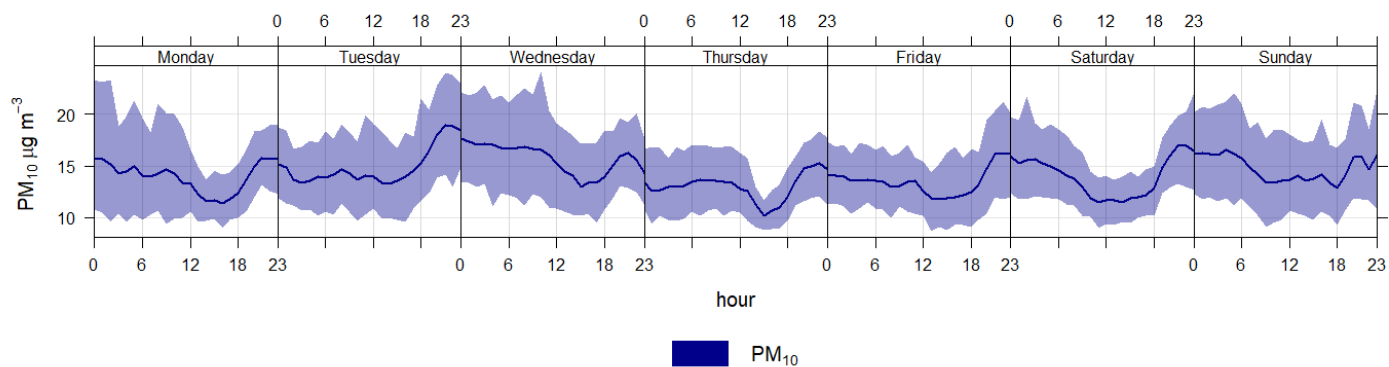
3.1. Temporal Variation for NO₂



3.2. Temporal Variation for PM_{2.5}



3.3. Temporal Variation for PM₁₀



mean and 95% confidence interval in mean



EarthSense Systems Ltd.

Zephyr Data Report

Zephyr Z875: 2022-06-01 to 2023-02-28

Unit Summary

Site Name: (SS) St Matthew's CE Primary School 875

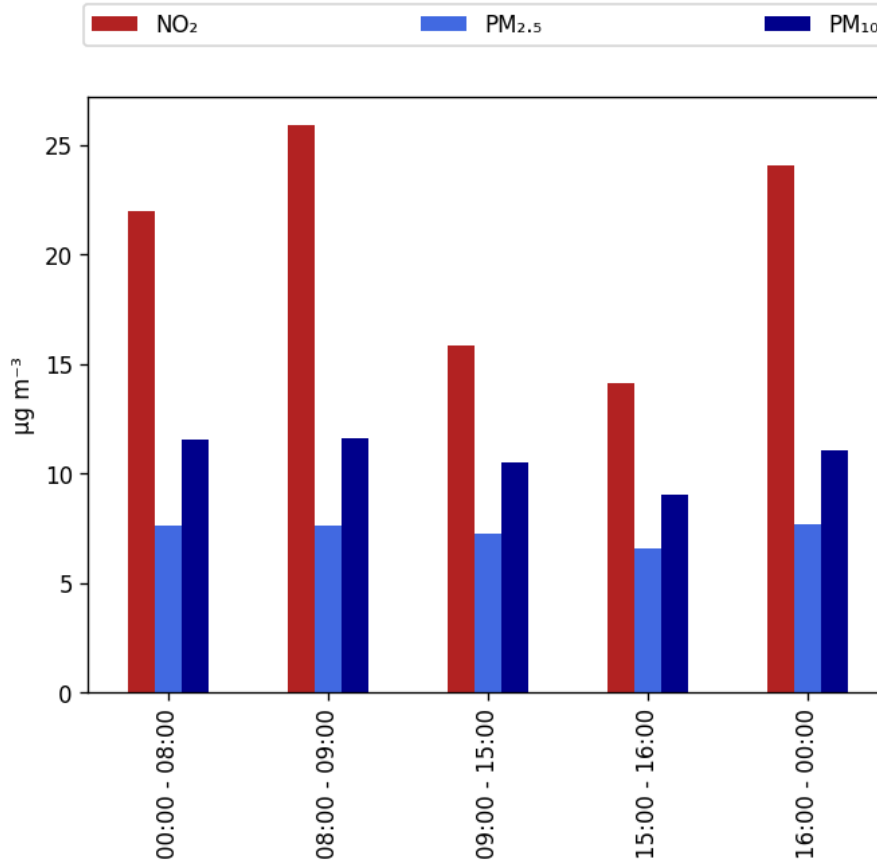
Location: Lat: 51.49721 / Lon: -0.130522

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| 3.1. Temporal Variation for NO ₂ | 4 |
| 3.2. Temporal Variation for PM _{2.5} | 4 |
| 3.3. Temporal Variation for PM ₁₀ | 5 |

1. Average concentration by hour band

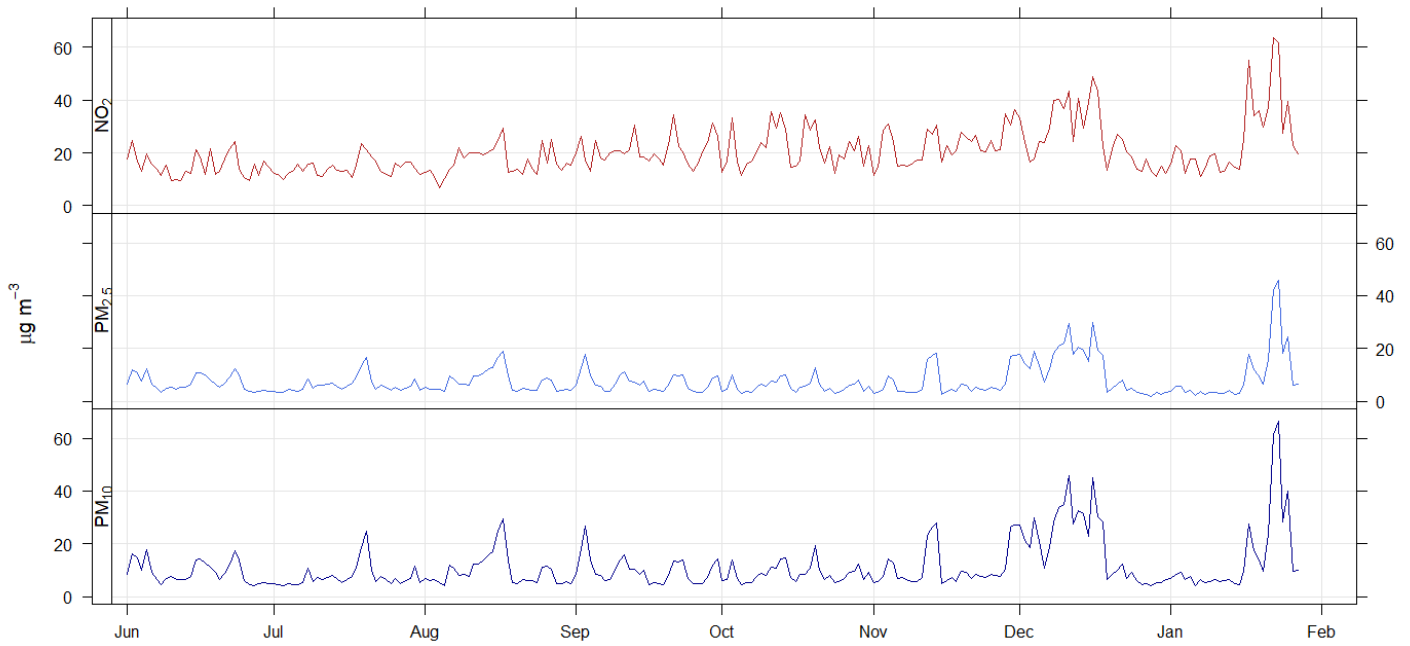
Average concentration for each pollutant, based on time band for the entire date range. All concentrations in $\mu\text{g}/\text{m}^3$.



| pollutant | 00:00 - 08:00 | 08:00 - 09:00 | 09:00 - 15:00 | 15:00 - 16:00 | 16:00 - 00:00 |
|-------------------|---------------|---------------|---------------|---------------|---------------|
| NO ₂ | 22.0 | 25.9 | 15.9 | 14.1 | 24.1 |
| PM _{2.5} | 7.6 | 7.6 | 7.3 | 6.6 | 7.7 |
| PM ₁₀ | 11.6 | 11.6 | 10.5 | 9.1 | 11.1 |

2. Time series of daily averages

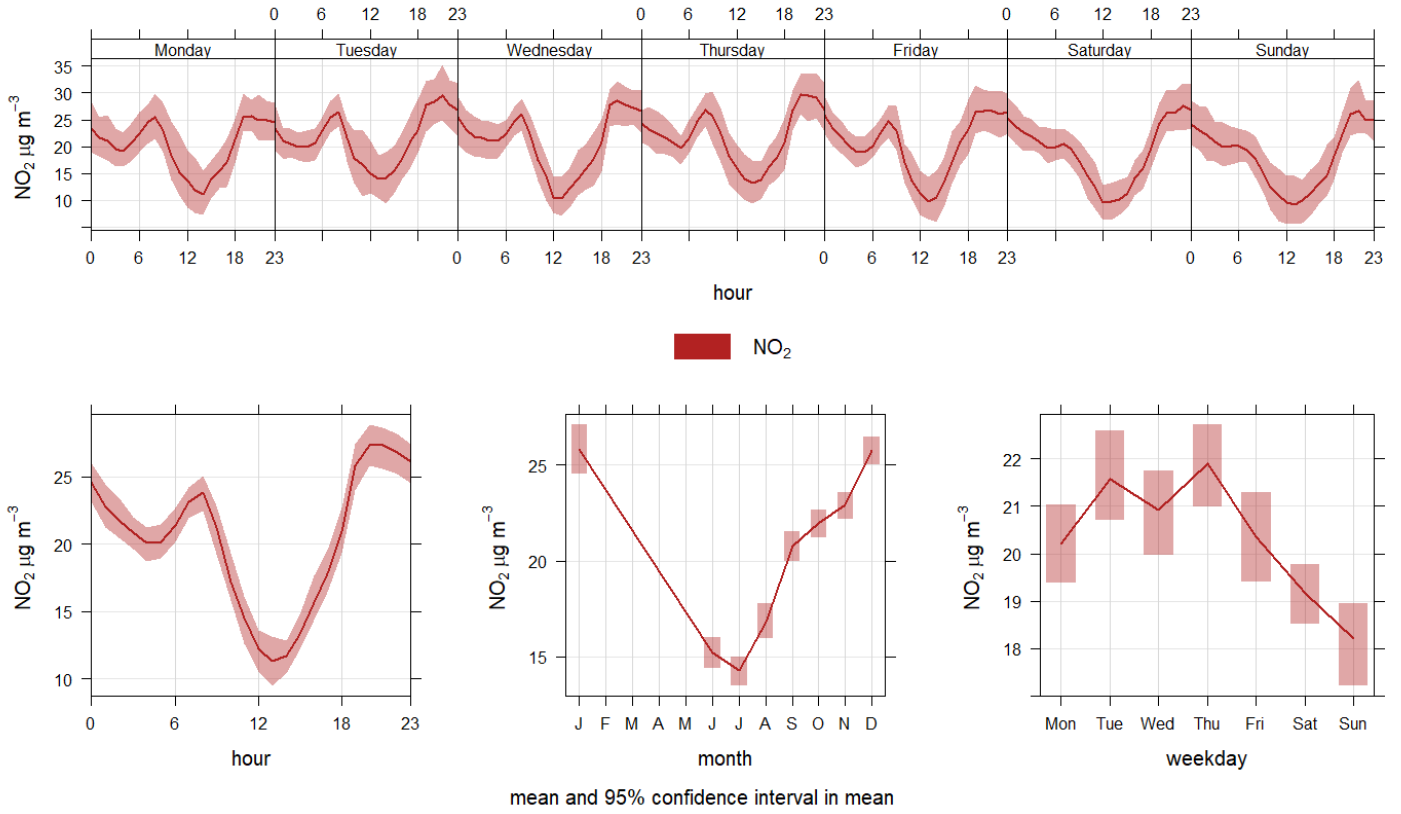
Visual representation of how the daily average of each pollutant changes over time.



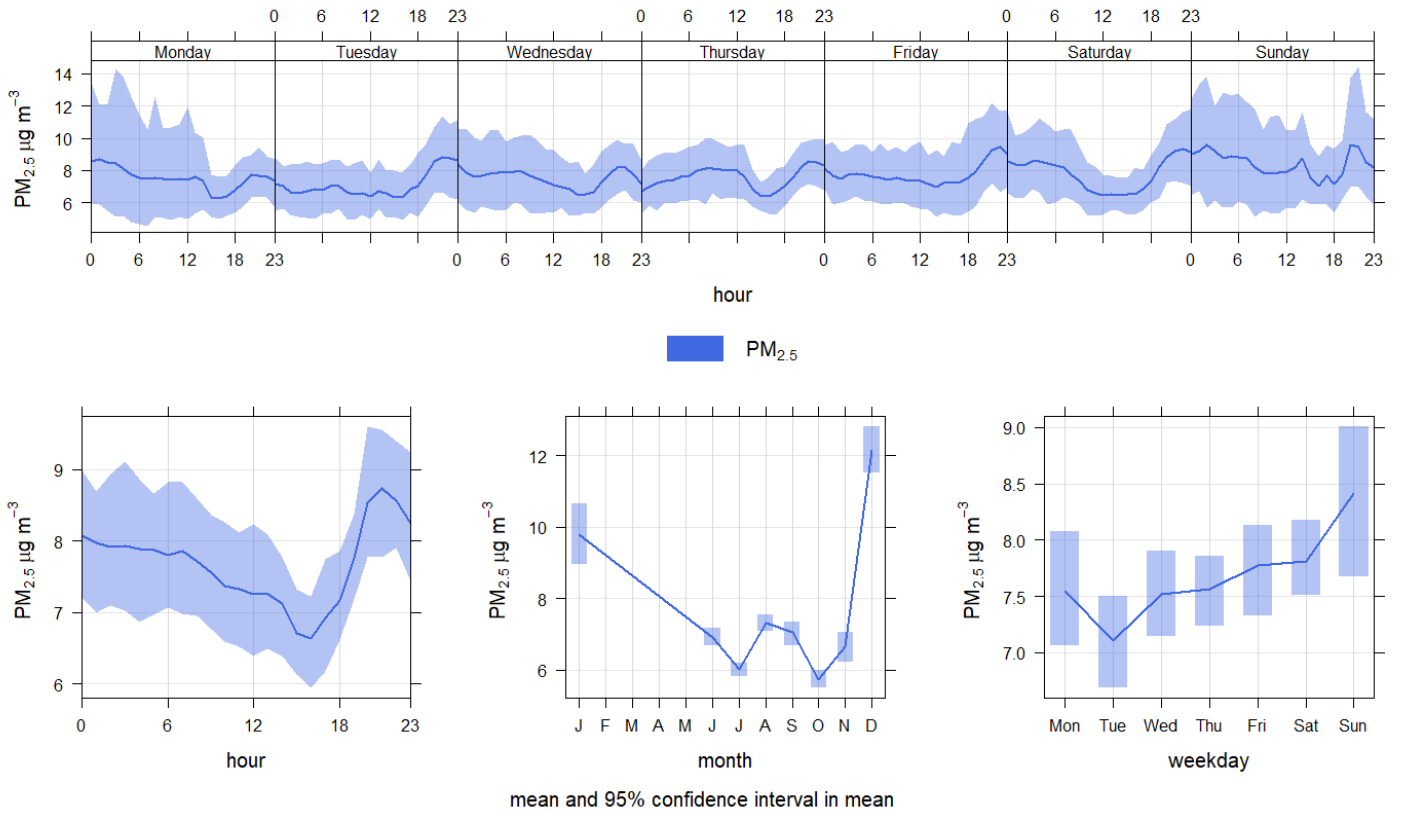
3. Temporal variations

Four temporal variation plots for each pollutant are presented: day of the week mean hourly concentration, mean hourly concentration, mean monthly concentration, and day of the week mean daily concentration. Uncertainty limits are shown as a 95% confidence interval.

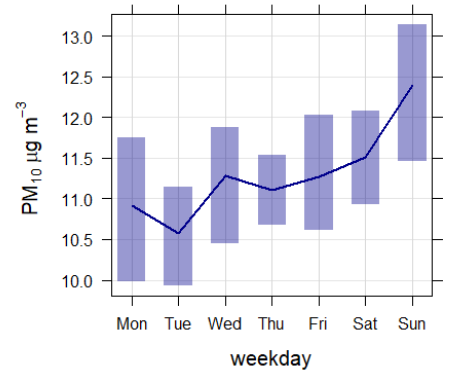
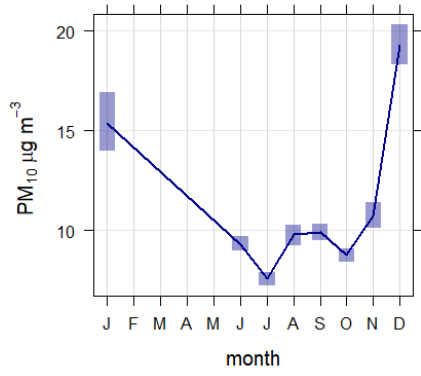
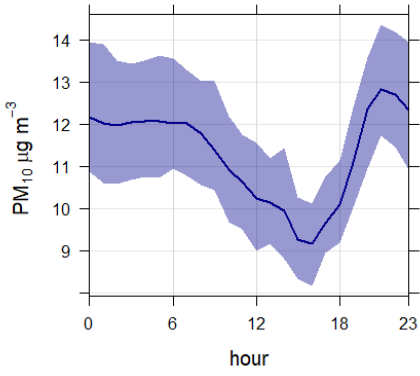
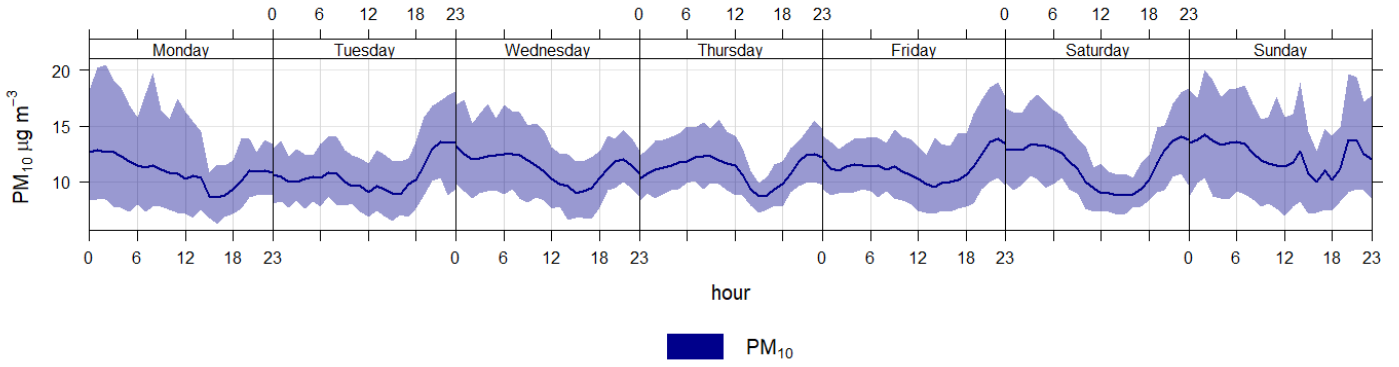
3.1. Temporal Variation for NO₂



3.2. Temporal Variation for PM_{2.5}



3.3. Temporal Variation for PM₁₀



mean and 95% confidence interval in mean