



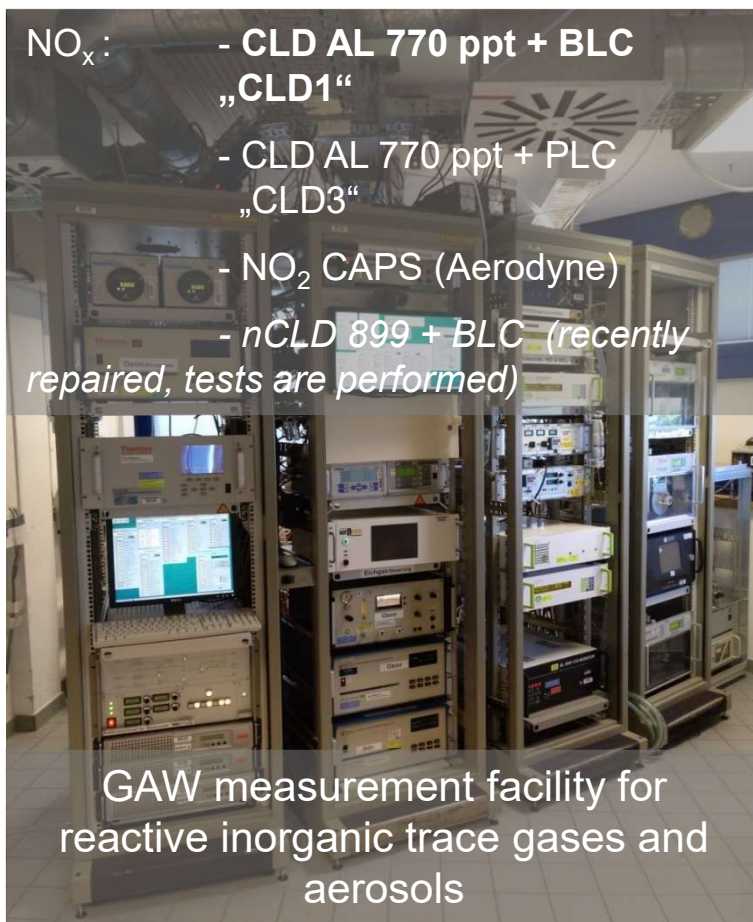
Deutscher Wetterdienst
Wetter und Klima aus einer Hand



NO_x 2024

DWD Hohenpeissenberg

Hohenpeissenberg Site



1781 start of weather (systematic) observations

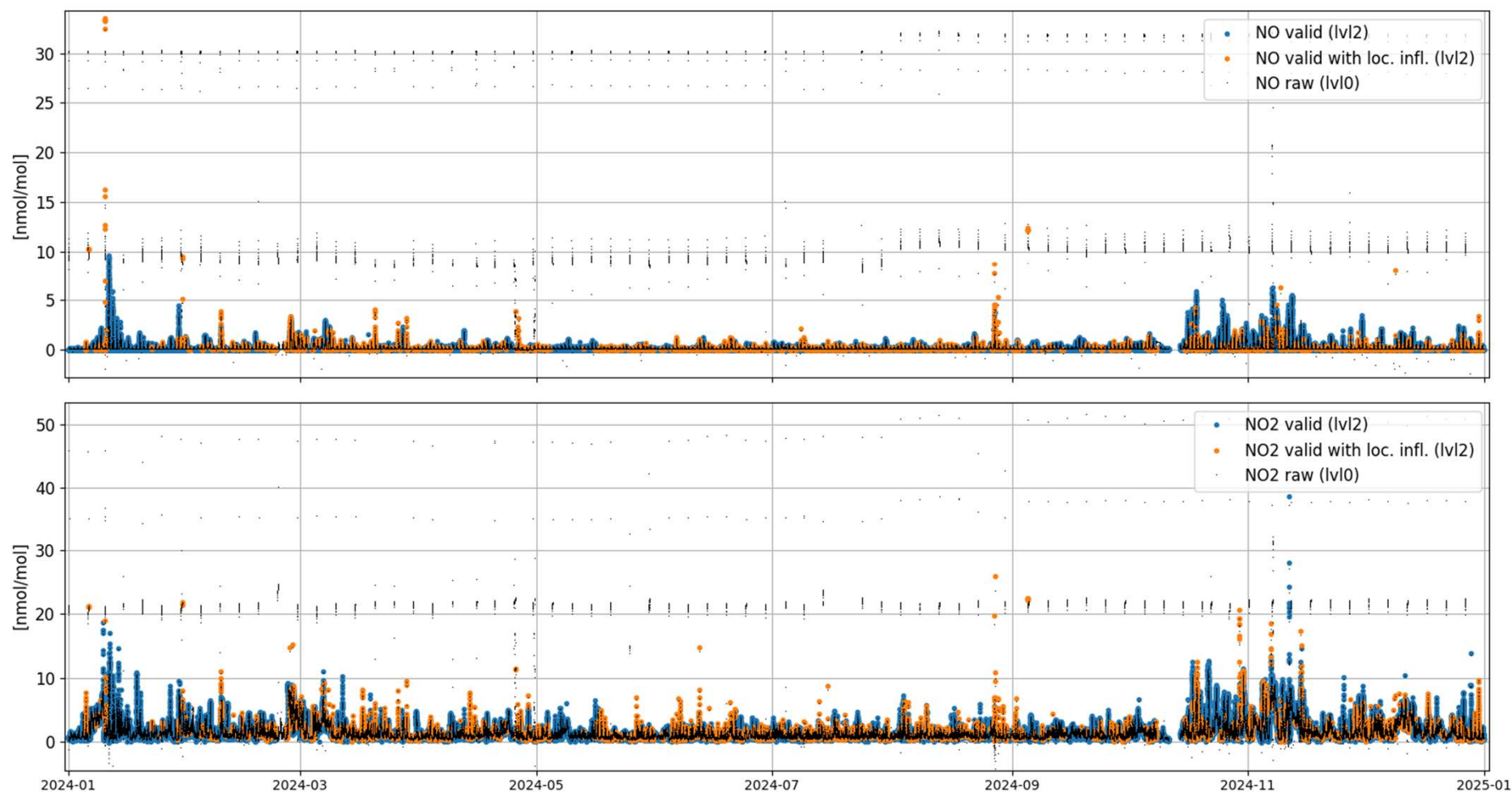
Since 1952 Observatory of the German Meteorological Service (Deutscher Wetterdienst)

Since 1994 WMO GAW site

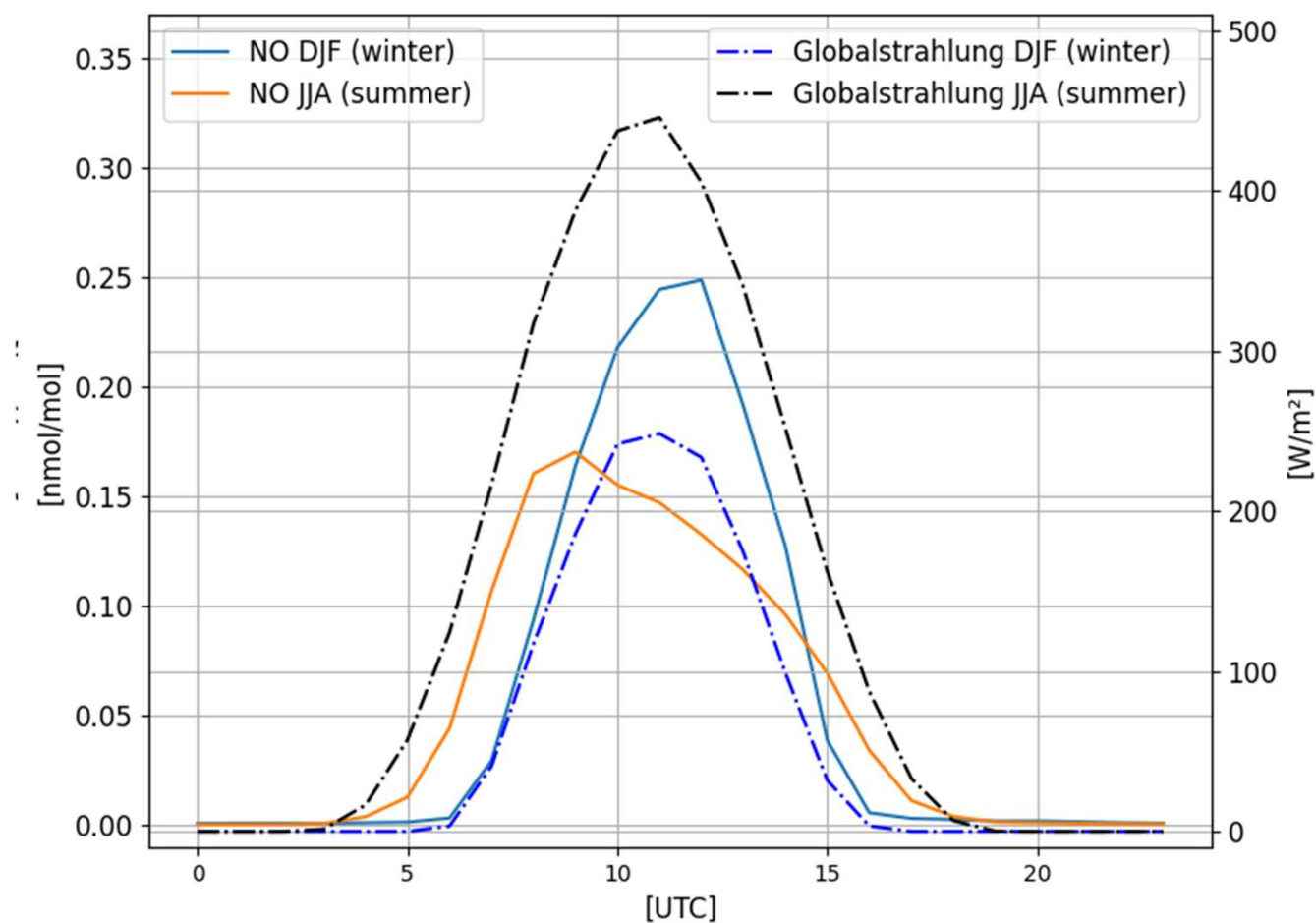


NOx data („CLD1“ Ecophysics CLD AL 770 ppt with BLC)

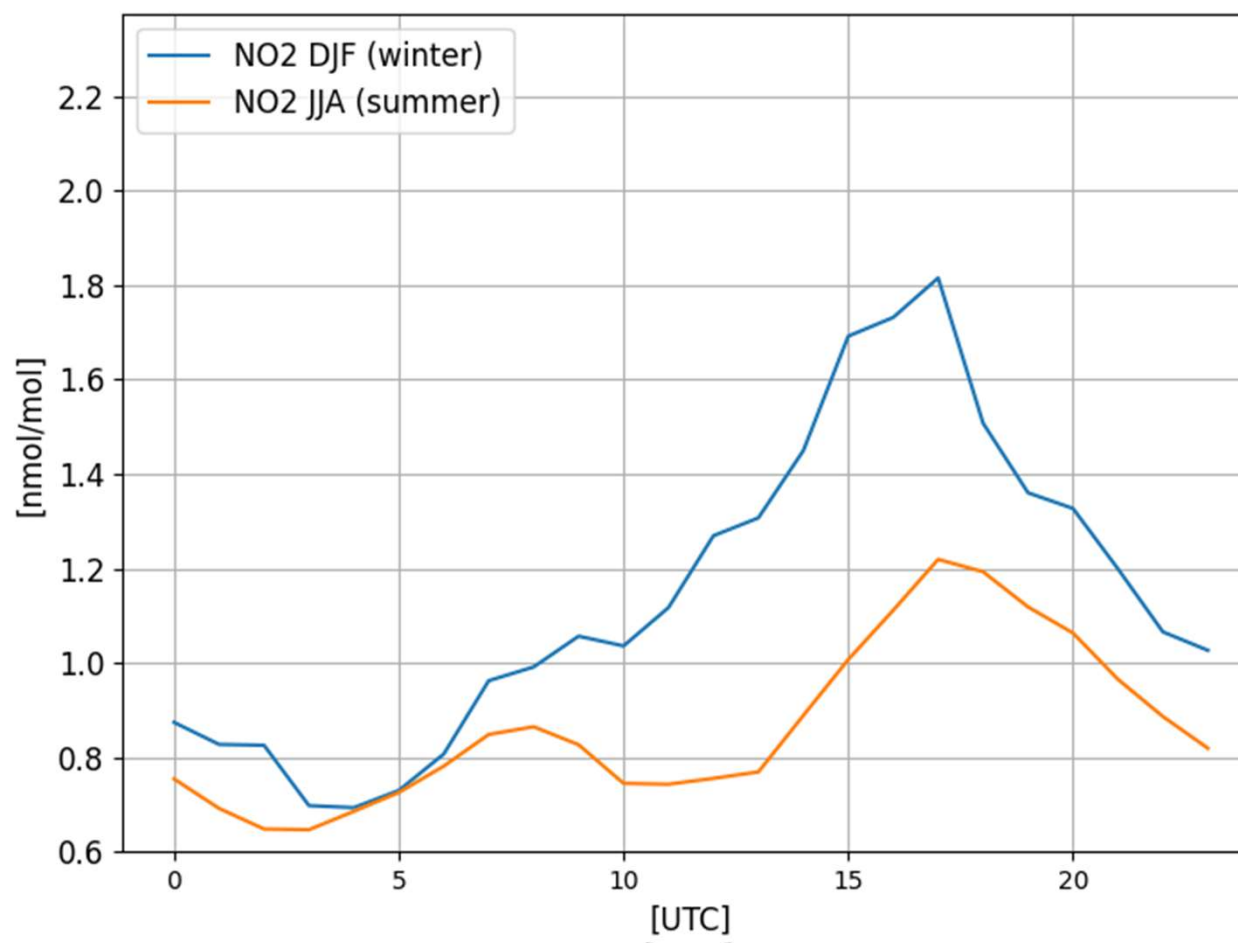
- Ivl0 (**submitted**): **NO raw**, **NO2 raw**, both calibrated, but uncorrected for 1) H₂O, 2) O₃, 3) noct. offset
- Ivl1 (**submitted**): **NO/NO2 valid**, **NO/NO2 valid with local influence** issues: #5234(Ivl0), #5235 (Ivl1)



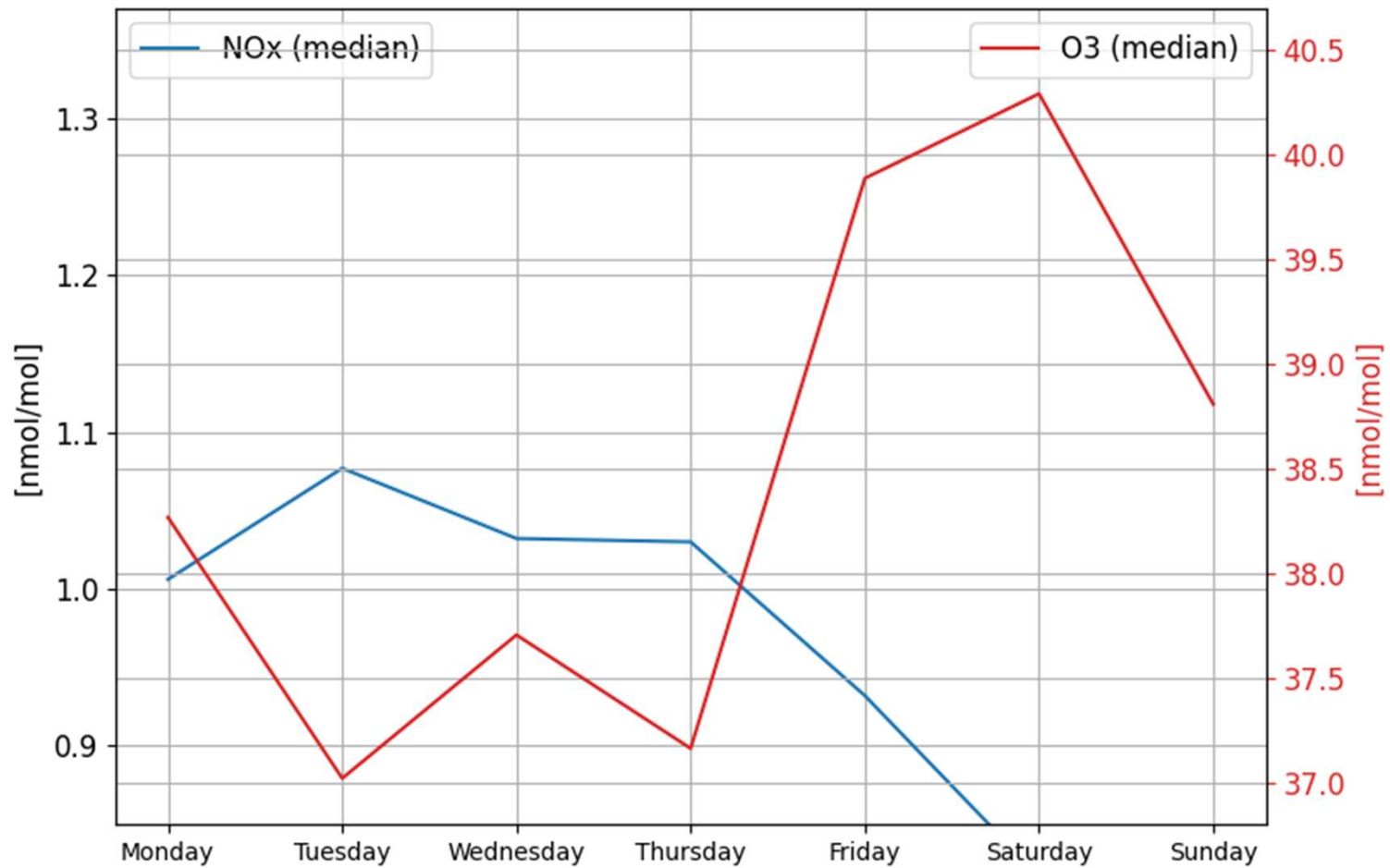
median diurnal variation NO 2024



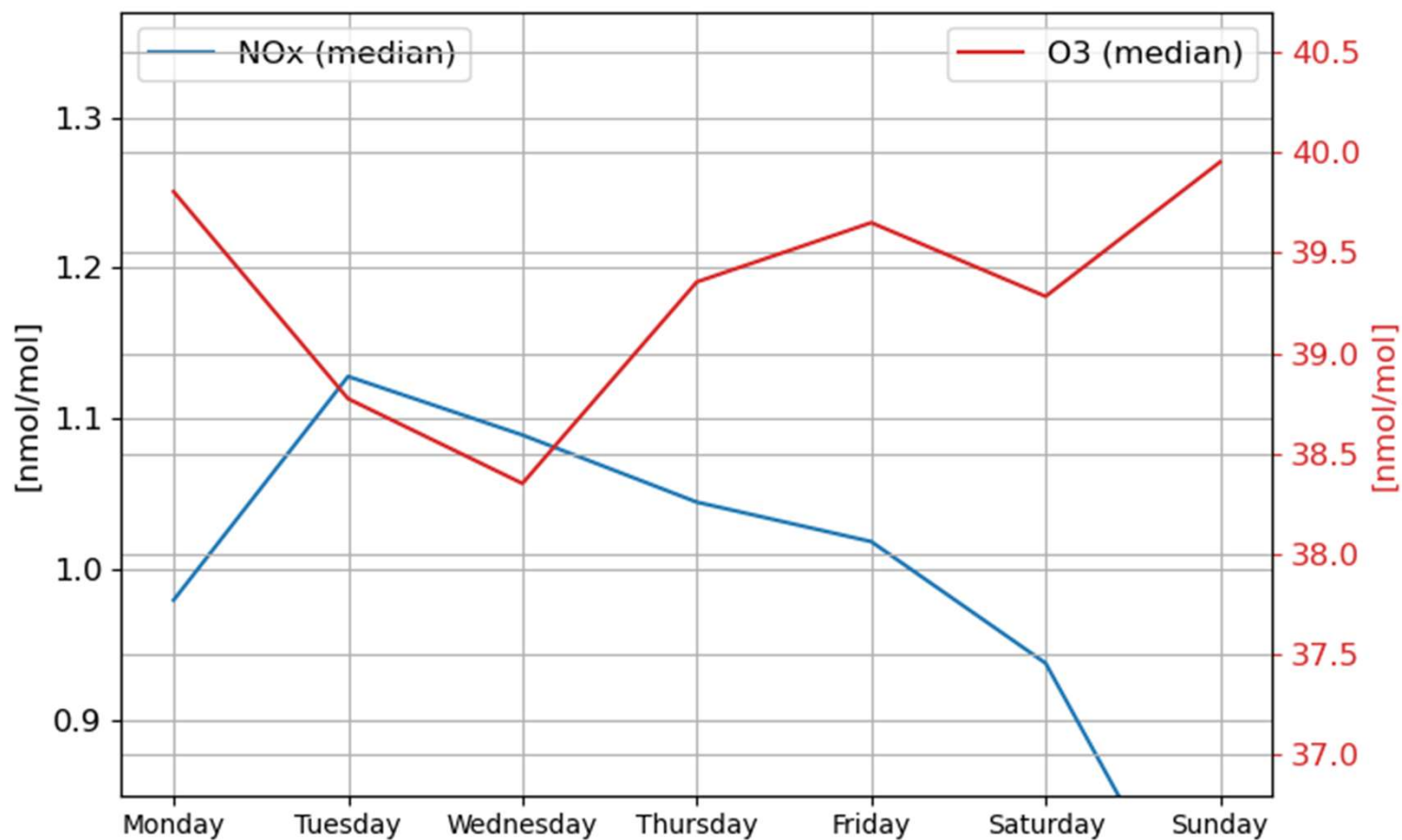
median diurnal variation NO₂ 2024



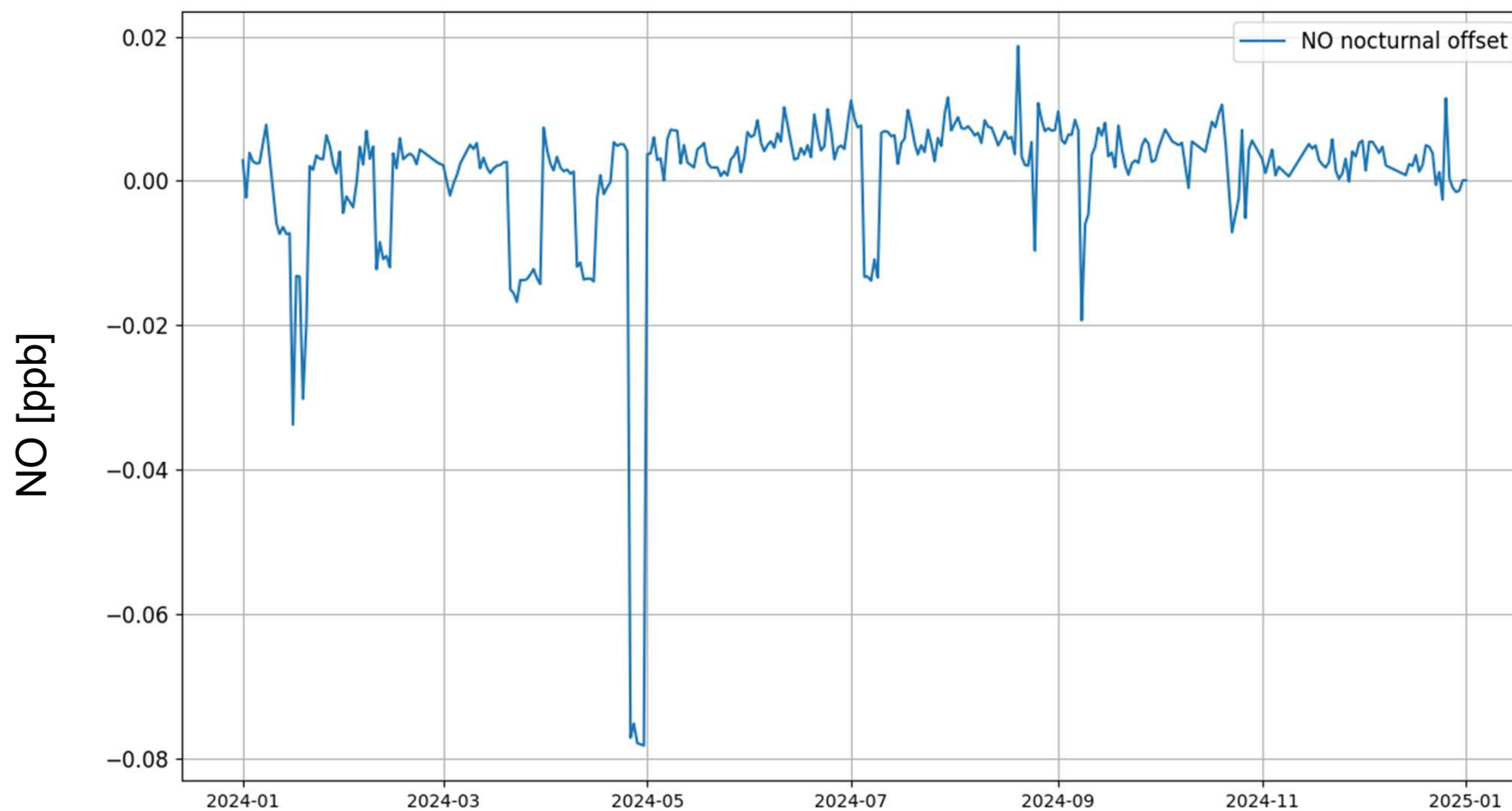
median weekly variation 2024



median weekly variation 2023

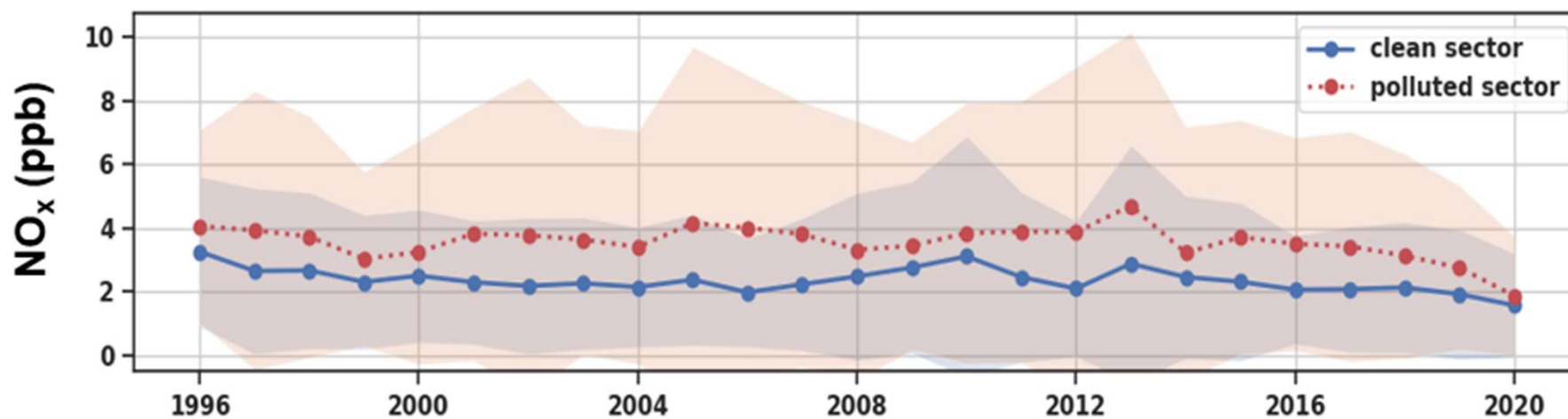


NO nocturnal offset 2024



comparison to previous year

year	NOx annual median	NOx annual mean
2021	1.2 ppb	1.9 ppb
2022	1.1 ppb	1.7 ppb
2023	1.0 ppb	1.4 ppb
2024	0.9 ppb	1.4 ppb



[GAWTec Kubistin, 2021]

**Thanks for
your
attention!**