



## MAIDO NOx Data 2023

### Maïdo- La Réunion (France): current status of station/instrument

Contact :

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Observatoire de l'atmosphère  
du Maïdo - 2138 m  
La Réunion





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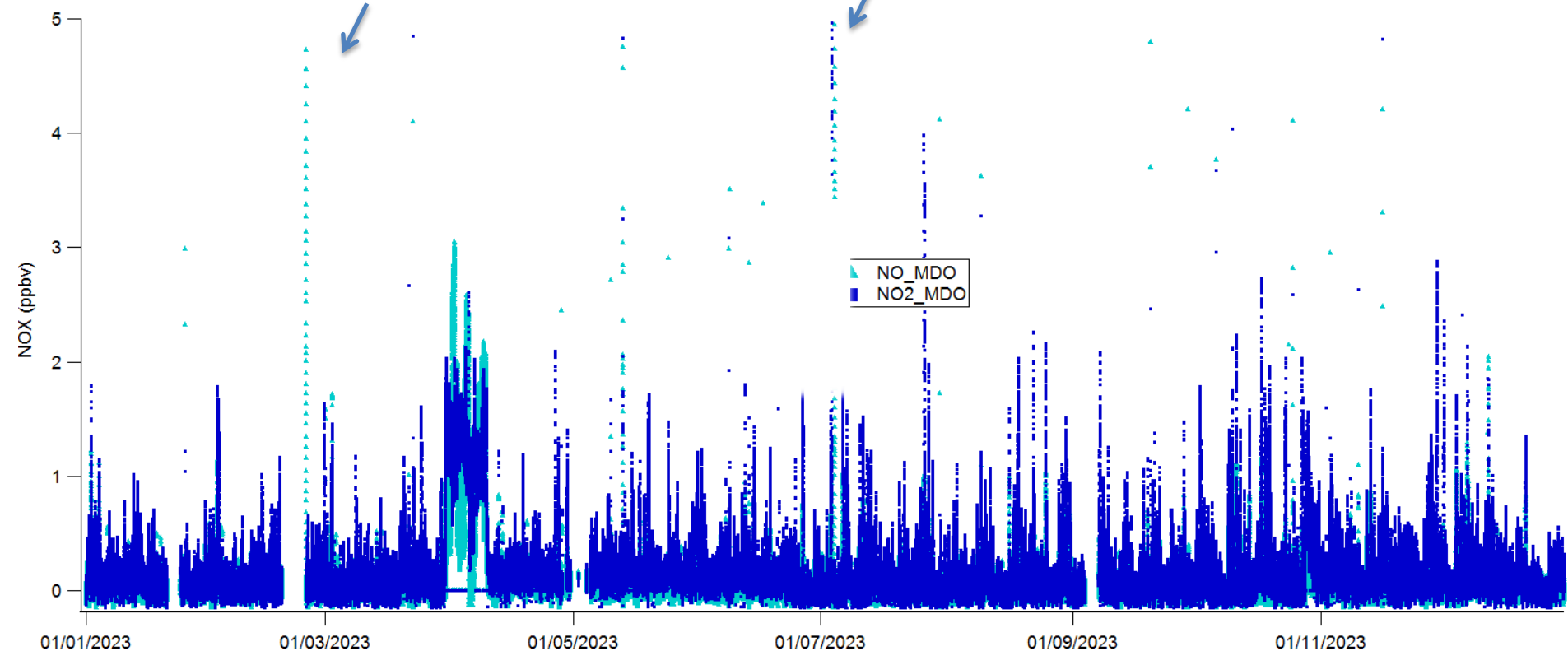
[jean-marc.metzger@univ-reunion.fr](mailto:jean-marc.metzger@univ-reunion.fr)

	NO	NO2
<b>instrument/ measurement principle</b>	<b>Teledyne T200UP</b> O <sub>3</sub> chemiluminescence	<b>Teledyne T200 UP</b> <b>BLC converter</b>
<b>scale</b>	Calibration by ATMO REUNION (french AirQuality Network) every 3 months. → Bottle 200 ppbv + .dilution with 146i	
<b>calibration interval</b>	1 x / 3 months,	1 x / 3 months,
<b>quality checks</b>	Regularly check of chamber temp, pressure, flow, lab journal-	





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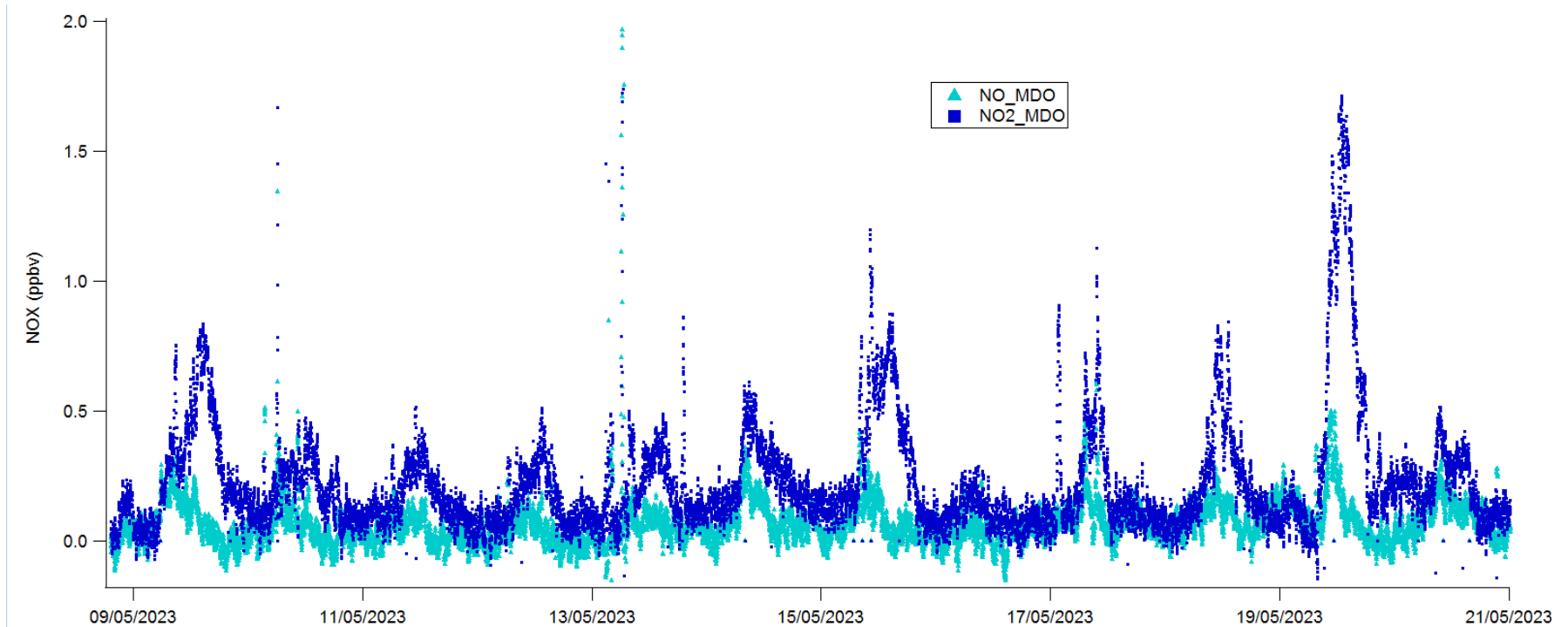


Calibration



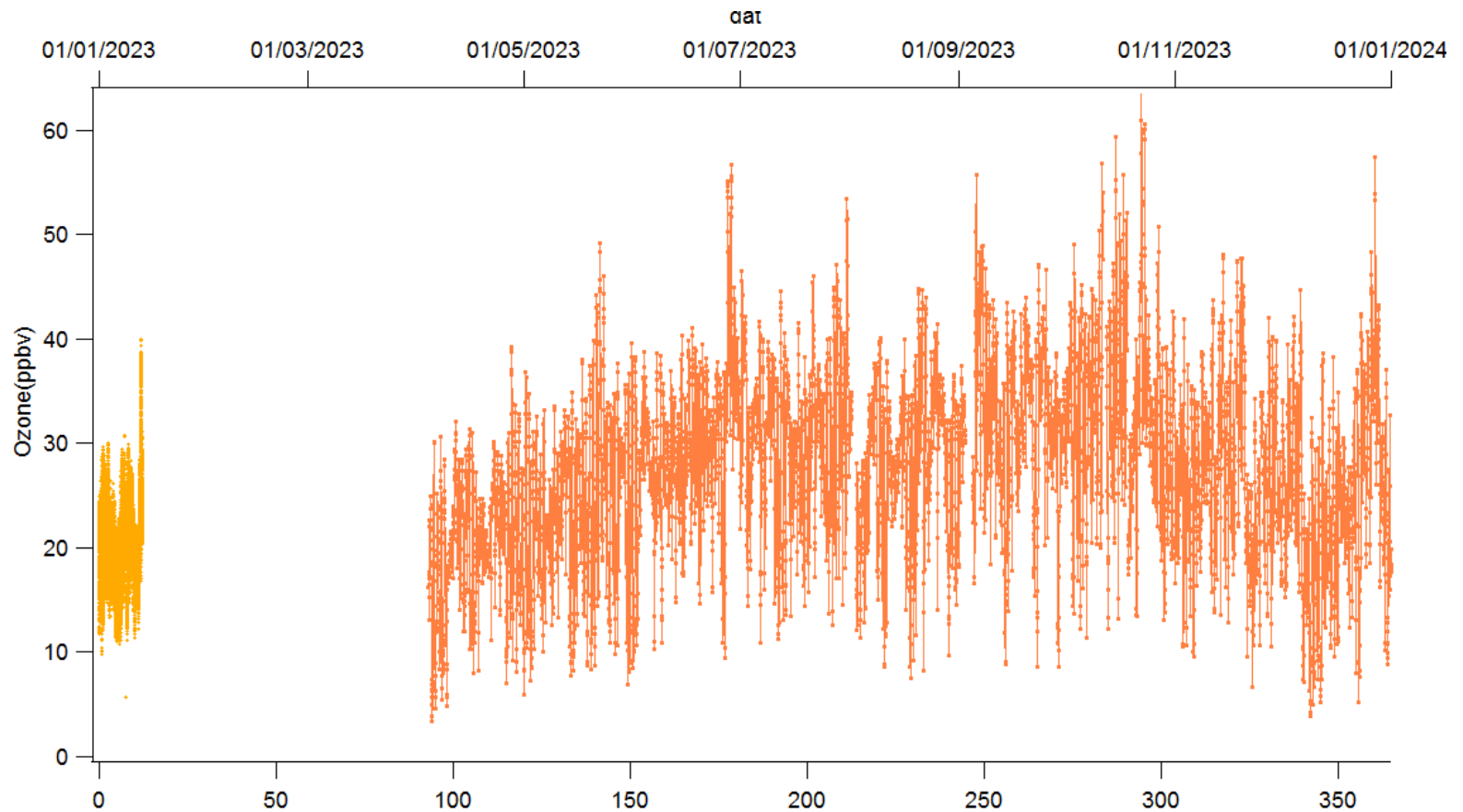
## MAIDO 2023 - NO<sub>x</sub>

Diurnal Variation of NO depending on Marine Boundary Layer Height, Slope Wind and Wind Direction





# MAIDO 2023 – Ozone : no data at Maïdo // But data at Bourg Murat.







# MAIDO 2022 – Ozone Audit Report

MAIDO: OZONE → GAW Audit – C. Zellweger Oct – Nov. 2022  
With Jean-Marc Metzger and Aurélie Colomb





Thank you !

Eruption in La Fournaise :  
2 July– 10 August 2023



SO2 (ppbv)

