



MAIDO NO_x Data 2024

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

Contact :

Aurélie Colomb :

aurelie.colomb@uca.fr

Jean-Marc Metzger :

jean-marc.metzger@univ-reunion.fr



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





MAIDO NOx Data 2024

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

Contact :

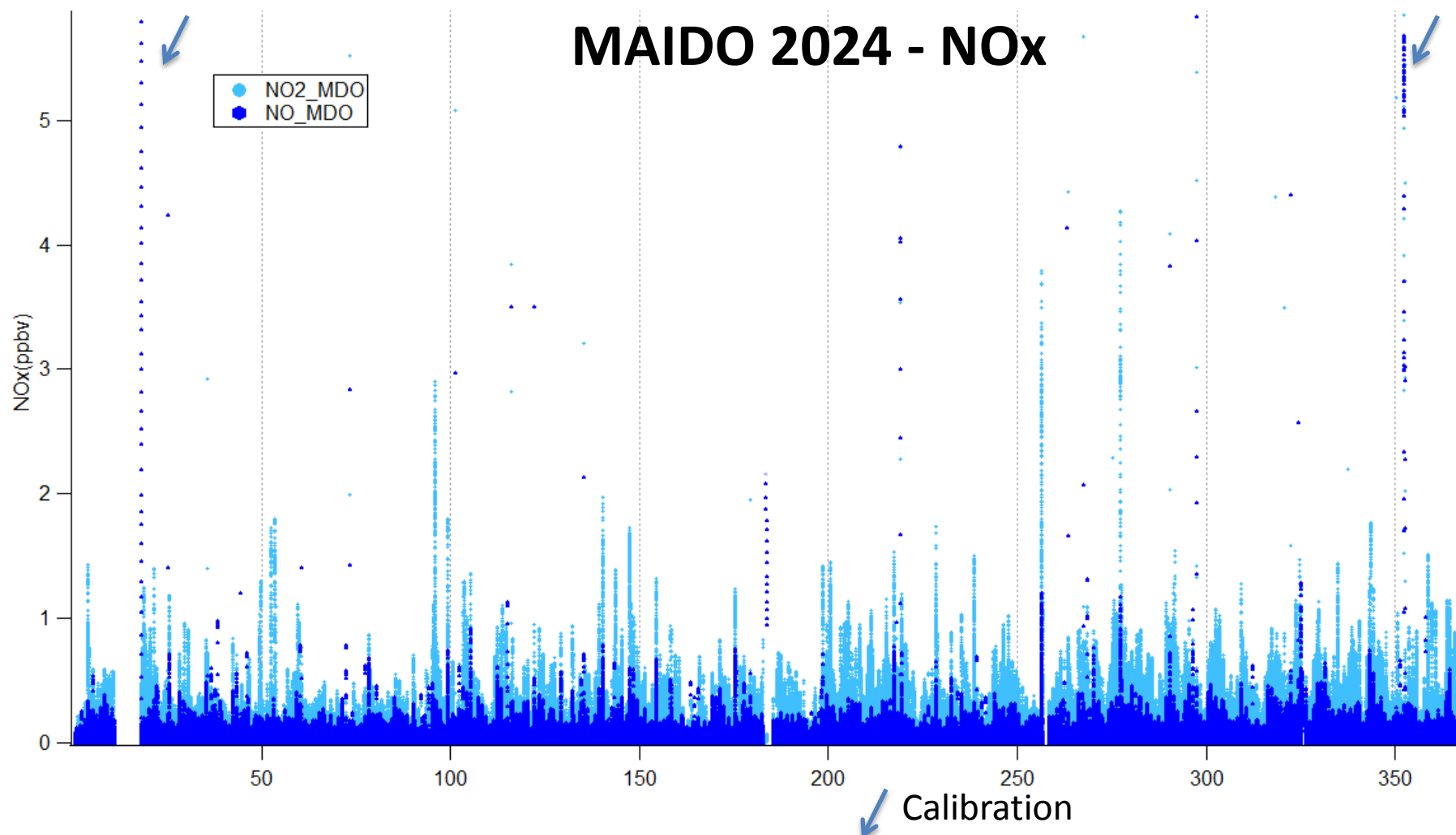
Aurélie Colomb :

aurelie.colomb@uca.fr

Jean-Marc Metzger :

jean-marc.metzger@univ-reunion.fr

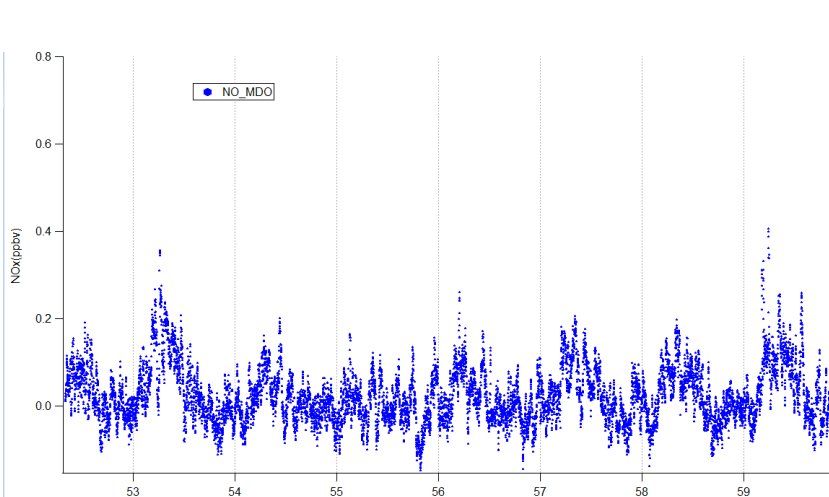
	NO	NO2
instrument/ measurement principle	Teledyne T200UP O ₃ chemiluminescence	Teledyne T200 UP BLC converter
scale	Calibration by ATMO REUNION (french AirQuality Network) every 3 months. AND Bottle 200 ppbv + .dilution with 146i	
calibration interval	1 x / 3 months,	1 x / 3 months,
quality checks	Regularly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



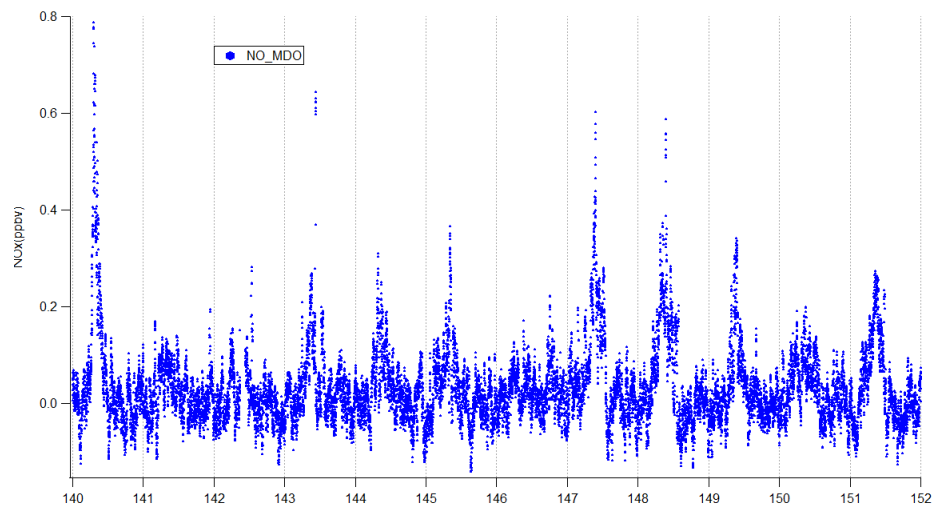


MAIDO 2024 - NO_x

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



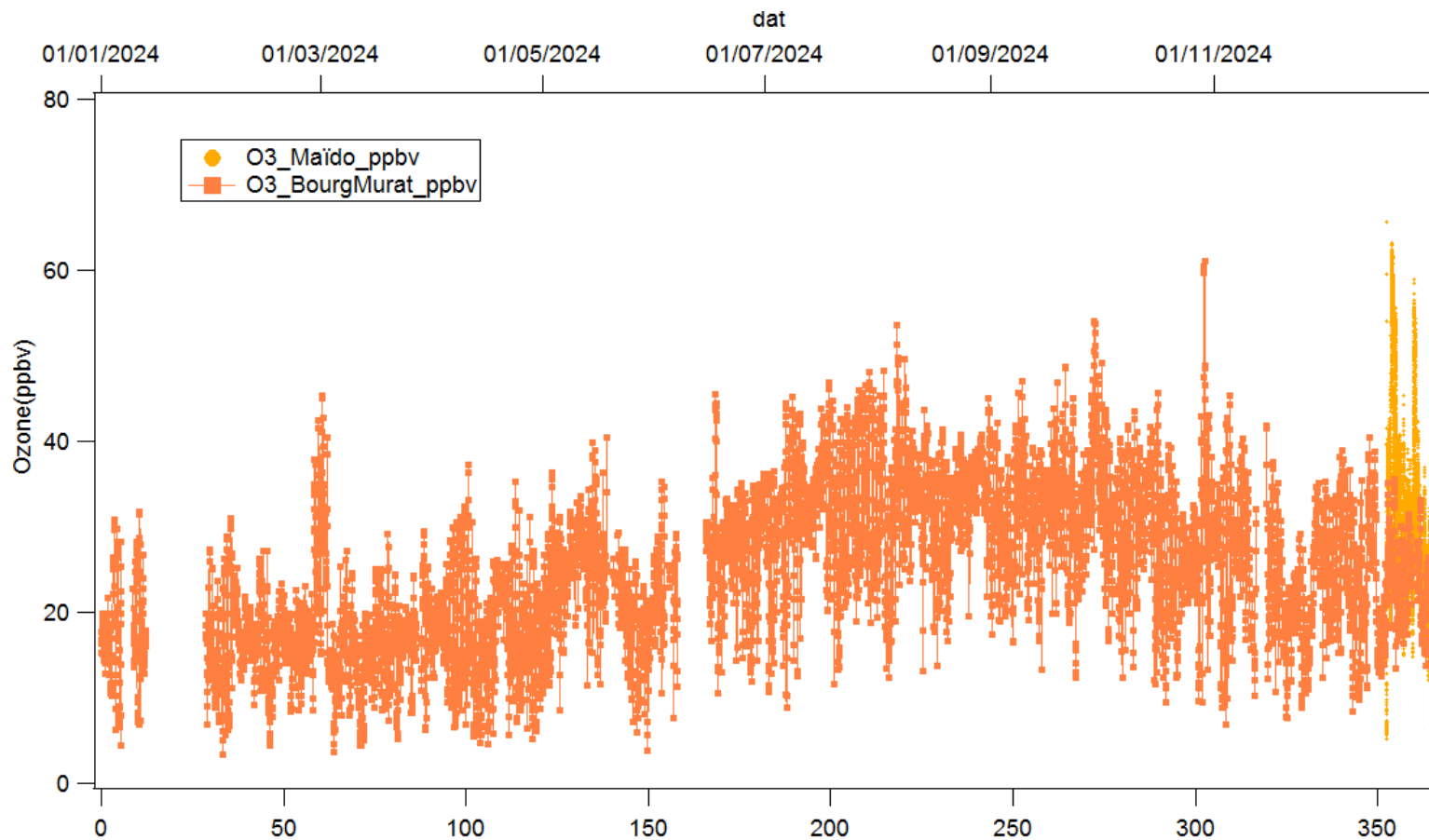
February 2024



May 2024

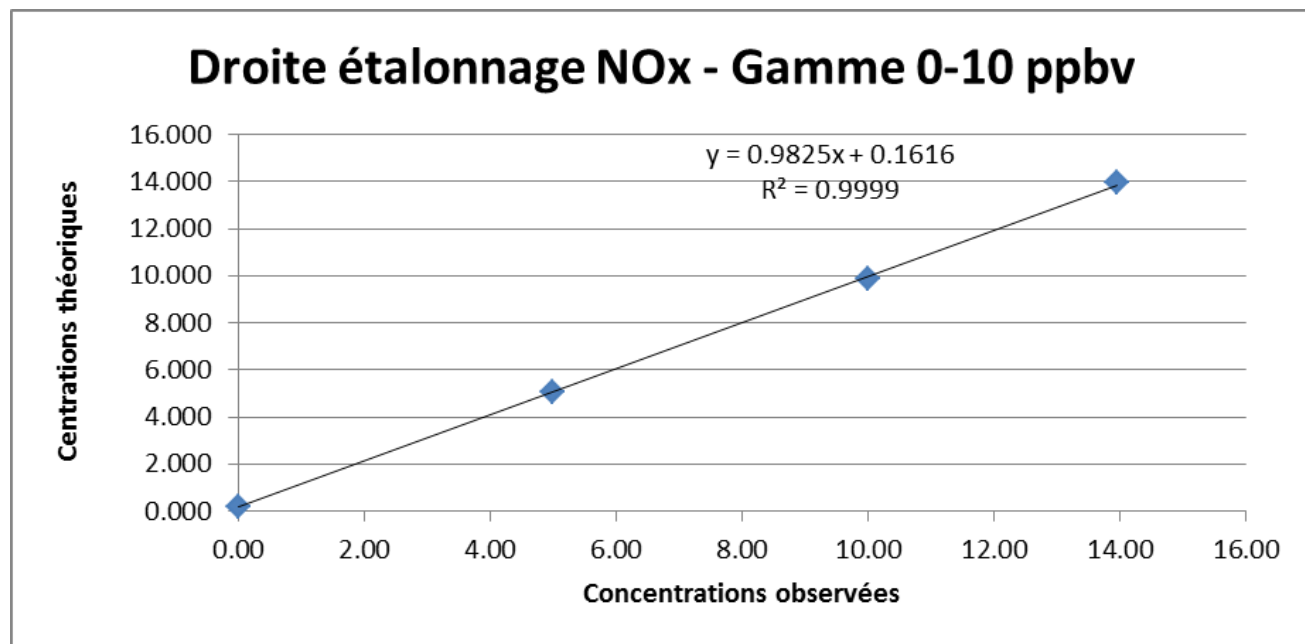


MAIDO 2023 – Ozone : no data at Maïdo // But data at Bourg Murat.





NOx Calibration using TEI 146 i with ATMO calibration factor :





Thank you !

No eruption in La Fournaise in 2024

Cyclone Garance in 2025.

