



MAIDO NOx Data 2022

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

Contact :

Aurélie Colomb :

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Jean-Marc Metzger :

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





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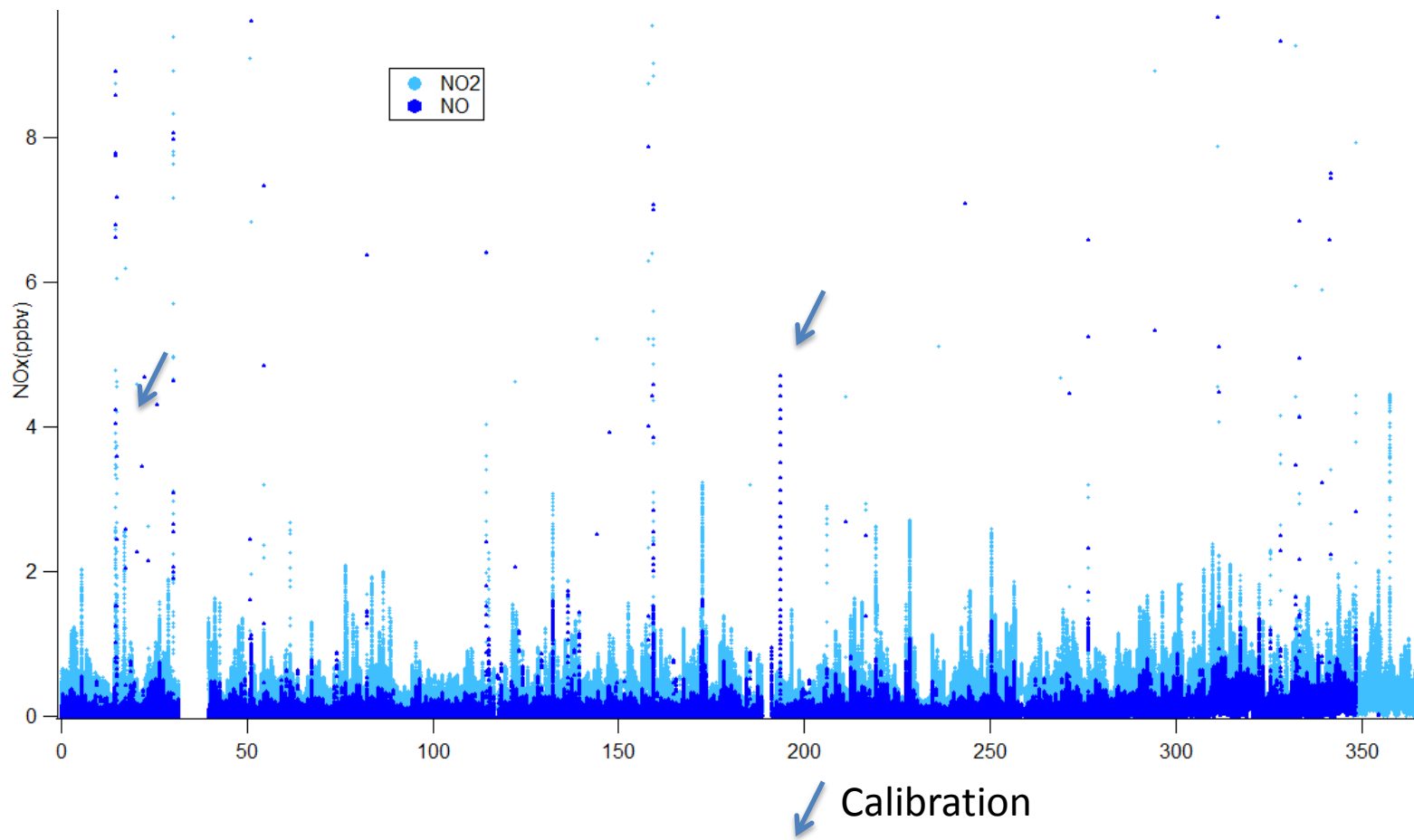
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	NO	NO2
instrument/ measurement principle	Teledyne T200UP O ₃ chemiluminescence	Teledyne T200 UP BLC converter
scale	Calibration by ATMO REUNION (french AirQuality Network) every 3 months. → Bottle 200 ppbv + .dilution with 146i	
calibration interval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



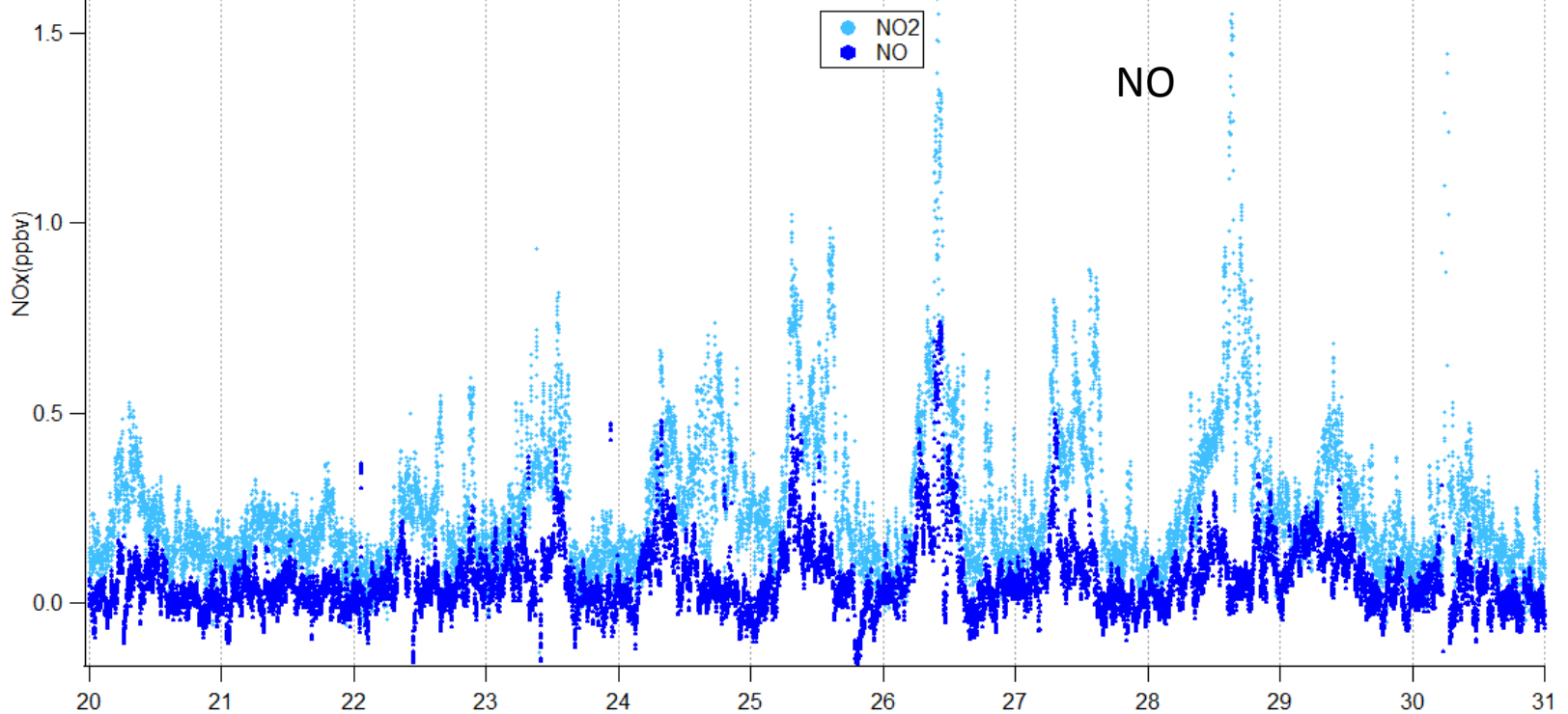
MAIDO 2022 - NOx





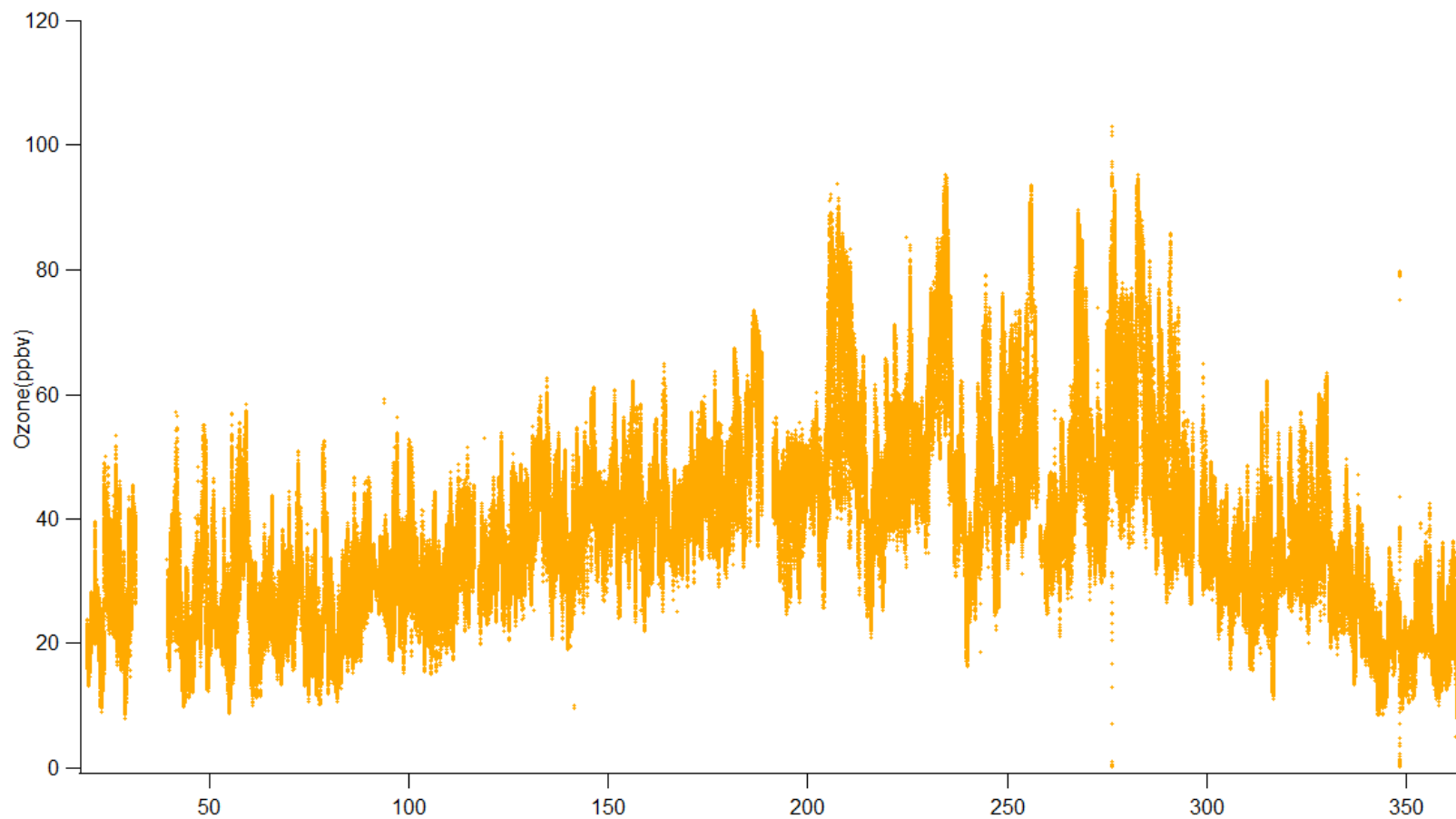
MAIDO 2022 - NO_x

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





MAIDO 2022 - Ozone





MAIDO 2022 - Ozone

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





Thank you !

Eruption in La
Fournaise in
2022 :
19 septembre –
5 octobre

