

Evaluation of version 3.0B of the BEHR OMI NO_x product

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Direct observation of changing NO _x lifetime in North American cities. <i>Science</i> , 2019, 366, 723-727.	6.0	126
3	Exploiting OMI NO ₂ satellite observations to infer fossil-fuel CO ₂ emissions from U.S. megacities. <i>Science of the Total Environment</i> , 2019, 695, 133805.	3.9	37
4	A top-down assessment using OMI NO ₂ suggests an underestimate in the NO _x emissions inventory in Seoul, South Korea, during KORUS-AQ. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 1801-1818.	1.9	68
5	Lightning NO ₂ simulation over the contiguous US and its effects on satellite NO ₂ retrievals. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 13067-13078.	1.9	21
6	Evaluating the impact of spatial resolution on tropospheric NO ₂ column comparisons within urban areas using high-resolution airborne data. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 6091-6111.	1.2	51
7	Disentangling the Impact of the COVID-19 Lockdowns on Urban NO ₂ From Natural Variability. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089269.	1.5	144
8	Assessment of NO ₂ observations during DISCOVER-AQ and KORUS-AQ field campaigns. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 2523-2546.	1.2	31
9	Evaluating current satellite capability to observe diurnal change in nitrogen oxides in preparation for geostationary satellite missions. <i>Environmental Research Letters</i> , 2020, 15, 034038.	2.2	17
10	Observing U.S. Regional Variability in Lightning NO ₂ Production Rates. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031362.	1.2	13
11	Estimates of lightning NO _x production based on high-resolution OMI NO ₂ retrievals over the continental US. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 1709-1734.	1.2	11
12	TROPOMI NO ₂ in the United States: A Detailed Look at the Annual Averages, Weekly Cycles, Effects of Temperature, and Correlation With Surface NO ₂ Concentrations. <i>Earth's Future</i> , 2021, 9, e2020EF001665.	2.4	66
13	Ozone Monitoring Instrument (OMI) Aura nitrogen dioxide standard product version 4.0 with improved surface and cloud treatments. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 455-479.	1.2	89
16	Laboratory measurements of stomatal NO ₂ deposition to native California trees and the role of forests in the NO _x cycle. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 14023-14041.	1.9	16
17	Validation of tropospheric NO ₂ column measurements of COME-2A and OMI using MAX-DOAS and direct sun network observations. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 6141-6174.	1.2	31
18	Combining Machine Learning and Satellite Observations to Predict Spatial and Temporal Variation of near Surface OH in North American Cities. <i>Environmental Science & Technology</i> , 2022, 56, 7362-7371.	4.6	12
19	Nitrogen oxides in the free troposphere: implications for tropospheric oxidants and the interpretation of satellite NO ₂ measurements. <i>Atmospheric Chemistry and Physics</i> , 2023, 23, 1227-1257.	1.9	19
20	Comparing Sentinel-5P TROPOMI NO ₂ column observations with the CAMS regional air quality ensemble. <i>Geoscientific Model Development</i> , 2023, 16, 509-534.	1.3	5
21	Estimates of the spatially complete, observational-data-driven planetary boundary layer height over the contiguous United States. <i>Atmospheric Measurement Techniques</i> , 2023, 16, 563-580.	1.2	2

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22	Characterization of errors in satellite-based HCHO ² tropospheric column ratios with respect to chemistry, column-to-PBL translation, spatial representation, and retrieval uncertainties. Atmospheric Chemistry and Physics, 2023, 23, 1963-1986.	1.9	5