



THE UNIVERSITY *of* EDINBURGH

Edinburgh Research Explorer

Correction to “Analysis of the summertime buildup of tropospheric ozone abundances over the Middle East and North Africa as observed by the Tropospheric Emission Spectrometer Instrument”

Citation for published version:

Liu, JJ, Jones, DBA, Worden, JR, Noone, D, Parrington, M & Kar, J 2009, 'Correction to “Analysis of the summertime buildup of tropospheric ozone abundances over the Middle East and North Africa as observed by the Tropospheric Emission Spectrometer Instrument”', *Journal of Geophysical Research*, vol. 114, no. D7, D07399. <https://doi.org/10.1029/2009JD012045>

Digital Object Identifier (DOI):

[10.1029/2009JD012045](https://doi.org/10.1029/2009JD012045)

Link:

[Link to publication record in Edinburgh Research Explorer](#)

Document Version:

Publisher's PDF, also known as Version of record

Published In:

Journal of Geophysical Research

Publisher Rights Statement:

Published in Journal of Geophysical Research: Atmospheres by the American Geophysical Union (2009)

General rights

Copyright for the publications made accessible via the Edinburgh Research Explorer is retained by the author(s) and / or other copyright owners and it is a condition of accessing these publications that users recognise and abide by the legal requirements associated with these rights.

Take down policy

The University of Edinburgh has made every reasonable effort to ensure that Edinburgh Research Explorer content complies with UK legislation. If you believe that the public display of this file breaches copyright please contact openaccess@ed.ac.uk providing details, and we will remove access to the work immediately and investigate your claim.



Correction to “Analysis of the summertime buildup of tropospheric ozone abundances over the Middle East and North Africa as observed by the Tropospheric Emission Spectrometer Instrument”

Jane J. Liu, Dylan B. A. Jones, John R. Worden, David Noone, Mark Parrington, and Jay Kar

Received 12 March 2009; published 4 April 2009.

Citation: Liu, J. J., D. B. A. Jones, J. R. Worden, D. Noone, M. Parrington, and J. Kar (2009), Correction to “Analysis of the summertime buildup of tropospheric ozone abundances over the Middle East and North Africa as observed by the Tropospheric Emission Spectrometer Instrument,” *J. Geophys. Res.*, *114*, D07399, doi:10.1029/2009JD012045.

[1] In the paper “Analysis of the summertime buildup of tropospheric ozone abundances over the Middle East and North Africa as observed by the Tropospheric Emission Spectrometer Instrument” by J. J. Liu et al. (*Journal of Geophysical Research*, *114*, D05304, doi:10.1029/2008JD010993, 2009), two entries in Table 1 were printed incorrectly. Under the North Africa receptor region, Middle East and North Africa source region names were reversed. The correct version is given here.

Table 1. Fractional Contribution to the Ozone Abundance in the Middle East and North Africa at 434 hPa in 2005 July From a GEOS-Chem Tagged Ozone Simulation^a

Receptor Region	Source Region	UT ^b	MT ^b	BL ^b	Total
Middle East	Asia	13	10	8	31
	North America	1	1	2	4
	Europe	<1	<1	<1	<1
	Equatorial Africa	3	2	3	8
	North Africa	5	3	1	9
	Middle East ^c	8	16	8	32
	Rest of world Stratosphere				11 5
North Africa	Asia	6	4	4	14
	North America	3	3	5	11
	Europe	1	1	1	2
	Equatorial Africa	4	6	4	13
	Middle East	3	5	4	12
	North Africa ^c	5	12	3	20
	Rest of world Stratosphere				22 6

^aFractional contribution given as percent.

^bUT denotes the upper troposphere (300 hPa to the tropopause), MT is the middle troposphere (700–300 hPa), and BL is the boundary layer (>700 hPa).

^cThis is the local ozone production.