Supplement of

The version 3 OMI NO$_2$ standard product

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Supplementary Material

Figure S1. OMI NO₂ VCD SPv3 and SPv3-SPv2 difference monthly maps for July 2006

Figure S1. OMI NO₂ maps (a, b) and difference maps (c, d) for July 2006: tropospheric VCD, \( V_{\text{trop}} \): c) and stratospheric VCD \( V_{\text{strat}} \): d). Bottom row: change in \( V_{\text{trop}} \) due to new SCD only (e), and change in \( V_{\text{trop}} \) due to new \textit{a-priori} NO₂ profile shapes only (f).