



Supplement of

Tropospheric NO₂ retrieval algorithm for geostationary satellite instruments: applications to GEMS

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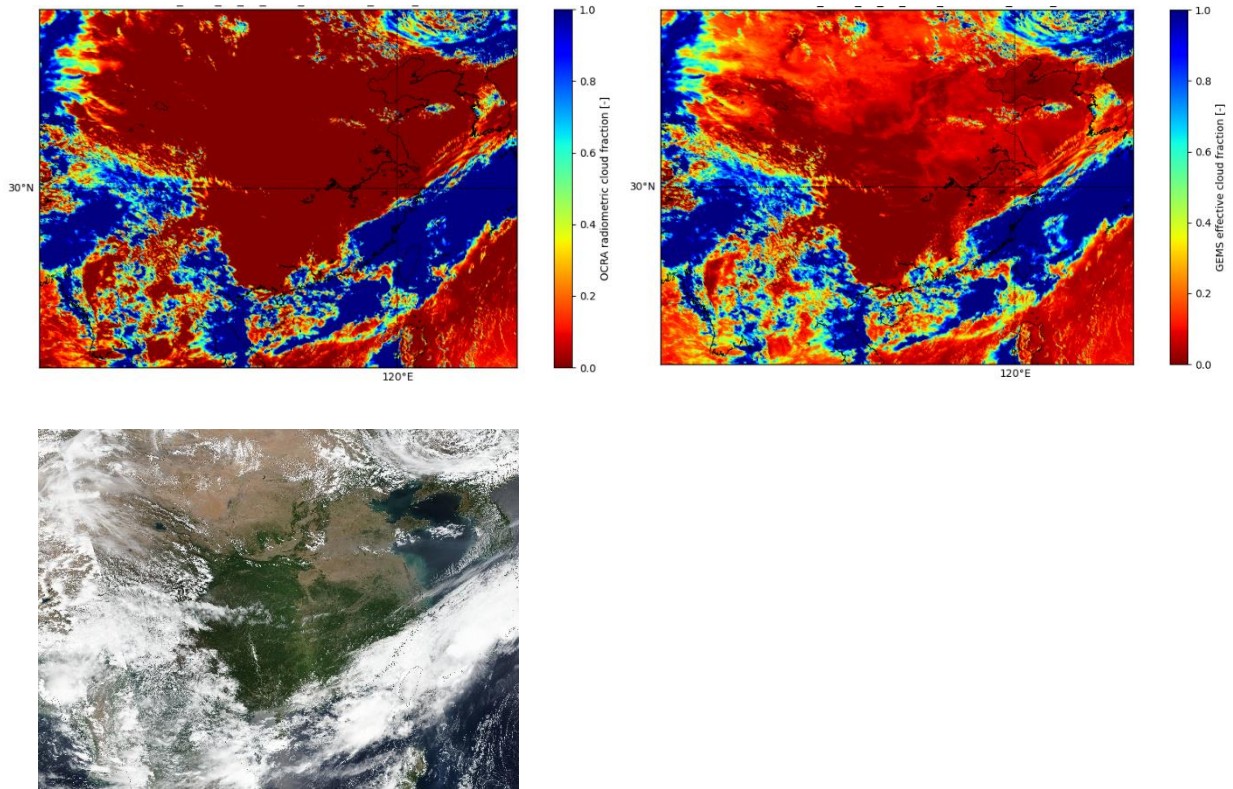


Figure S1. Zoom into a clear-sky region over China on the 2:45 UTC scan on 5 June 2021 for the OCRA cloud fraction (top left) and the operational GEMS v2.0 L2 cloud fraction (top right). The bottom left panel shows a true-colour RGB from VIIRS, taken from NASA Worldview. Note that the bright surface structures appearing in the northern part of the RGB true colour image seem to be translated into the operational GEMS cloud fraction product.