

Total Column Ozone Product Description

Product Description

We provide a spatially continuous and daily global total ozone product (2004-2014) at 0.25° latitude \times 0.25° longitude resolution by employing our proposed algorithm to quantitatively reconstruct the level-3 (gridded) total ozone product OMTO3e acquired from Aura Ozone Monitoring Instrument.

Dataset Characteristics

Spatial Coverage	Global
Temporal Coverage	October 2004 – December 2014
Spatial Resolution	$0.25^\circ \times 0.25^\circ$
Temporal Resolution	Daily
Projection	Geographic
Unit	DU (Dobson Unit)

Data Parameters

The data parameters of this total column ozone product are similar with the original OMTO3e product acquired from Aura OMI.

Projection	Geographic Lat/Lon
Pixel Size	0.25 Degree
Size X	1440
Size Y	720
Upper Left Lat-Lon	(90°N , 180°W)
Lower Right Lat-Lon	(90°S , 180°E)