

VIEW THE WORLD THROUGH OUR EYES

EOxCloudless | Sentinel-2 cloudless

Exploitation-ready satellite imagery – Source Data for Viewing and Analysis



EOxCloudless - <https://cloudless.eox.at> (Contains modified Copernicus Sentinel data 2022)

We offer global, cloudless & multispectral viewing and data products, utilizing most recent satellite data to create harmonious mosaics.

Enhanced satellite data - By processing raw satellite imagery into cloudless and seamlessly stitched satellite data, you can simply specify your area and timeframe (instance, period, series) of interest, and we'll handle the rest.

Comprehensive coverage - Our platform, optimized for cloud computing and leveraging popular open-source technologies like dask, can generate regional to global mosaics at full resolution to meet your specific needs.

Image refinement - Whether it's custom color styles, image sharpening, or BRDF correction we provide a wide range of options to tailor the final product to your exact requirements.

Bespoke mosaics - Each use case comes with its unique demands. We offer various techniques to extract the best pixels from image stacks, ensuring optimal data coverage for your specific application.

Multi-sensor integration - In addition to our Sentinel-2 optical dataset, we offer on-demand processing of Sentinel-1 radar data, opening up unprecedented possibilities for monitoring and time-profiling classification applications.

Preservation of original metadata - Our products retain the original metadata, allowing you to trace back to individual input satellite images on a per-pixel basis.

Order <https://cloudless.eox.at> | Explore <https://s2maps.eu>

EOX IT Services GmbH | <https://eox.at>

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Viewing Products

Obtain our prerendered Sentinel-2 cloudless mosaics as map cache or generate custom layers using our mapping-optimized source mosaics for web maps or desktop GIS tools.

Viewing Ready - Sentinel-2 cloudless single-file

Prerendered map as used at <https://s2maps.eu> (mosaic combined with bathymetry and ocean mask), available in GeoPackage and MapCache SQLite file format for self-hosting or offline usage.

Viewing Basic - Sentinel-2 cloudless GeoTIFFs

Unmasked, lossless compressed, and color corrected 8bit RGB GeoTIFF tile dataset to create your own flavor of the satellite map.



Data Products

Obtain off-the-shelf multispectral mosaic data from Sentinel-2 or specify a customized mosaic tailored specifically for your requirements for in-depth analysis and processing.

Exploitation Starter - EOxCloudless Sentinel-2 8bit

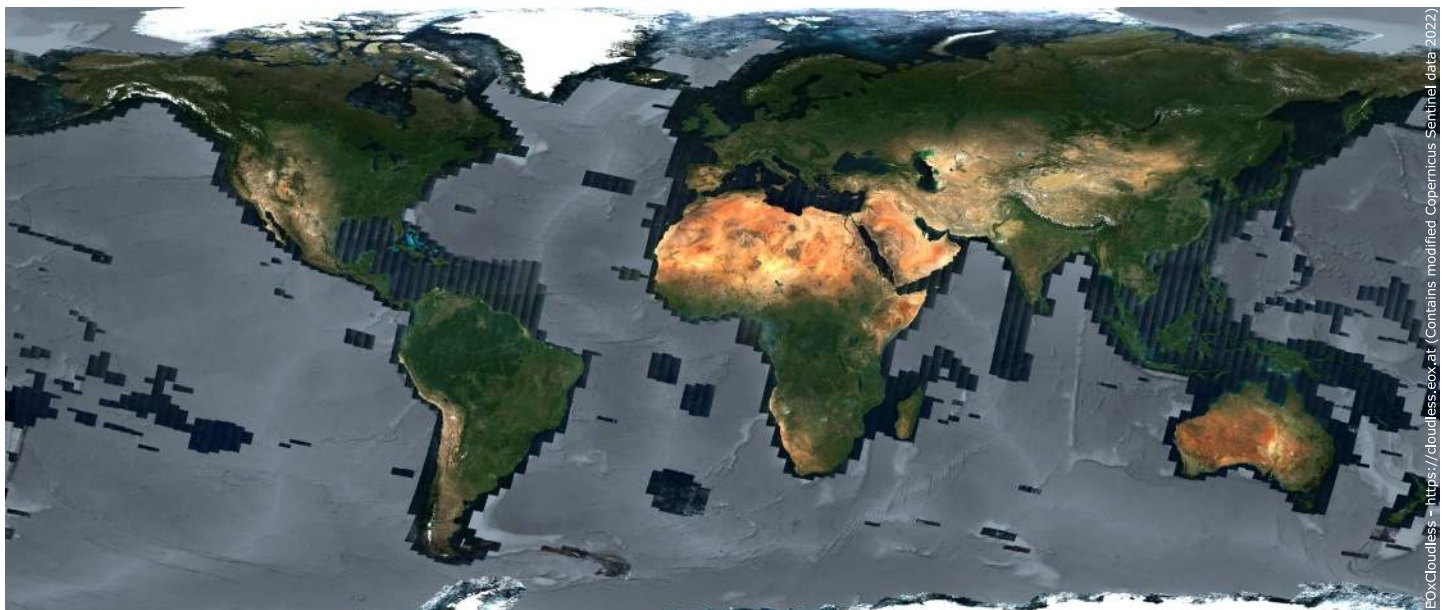
A global mosaic in the form of a 4-band (RGBNir) GeoTIFF tile dataset for fundamental analysis purposes.

Exploitation Ready - EOxCloudless Sentinel-2 16bit

A global mosaic as a 4-band (RGBNir) GeoTIFF tile dataset with the complete 16bit data range depth, suitable for advanced analysis.

Exploitation Bespoke - EOxCloudless Custom

Tell us your needs and we produce to your specification on our automated and scalable infrastructure.



License

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