



SPATIAL ON DEMAND PLANNED DATASETS 2020

Satellite Imagery

DATASET NAME	DATASET DESCRIPTION	SOURCE
Maxar Vivid 2.0	Vivid 2.0 basemap, providing seamless, cloud-free, color-only 50cm or greater imagery, covering the globe.	Maxar/DigitalGlobe
Maxar Global Mosaic	Global imagery mosaic frequently updated, covering the globe.	Maxar/DigitalGlobe
Maxar Most Recent Metadata	Metadata for Most Recent basemap, delivering the most recent imagery available from Maxar satellites, with a 2-day holdback, covering the globe.	Maxar/DigitalGlobe
Maxar Most Recent	Most Recent basemap delivers the most recent imagery available from Maxar satellites, with a 2-day holdback, covering the globe.	Maxar/DigitalGlobe
Maxar Highest Resolution Metadata	Metadata for Highest Resolution basemap, delivering 30cm-only imagery from WV3 and WV4 satellites, where available.	Maxar/DigitalGlobe
Maxar Highest Resolution	Highest Resolution basemap delivers 30cm-only imagery from WV3 and WV4 satellites, where available.	Maxar/DigitalGlobe
Maxar Metro Metadata	Metadata for Metro Basemap, delivering high-resolution imagery of over 6,000 metro areas, covering the globe.	Maxar/DigitalGlobe
Maxar Metro	Metro Basemap delivers high-resolution imagery of over 6,000 metro areas, covering the globe.	Maxar/DigitalGlobe
Maxar Historical - 2016 Metadata	This metadata layer delivers a vintage and sensor overlay describing global imagery from 2016 and older collected by Maxar satellites, where available.	Maxar/DigitalGlobe
Maxar Historical - 2016	This global basemap delivers imagery collected from 2016 and older by Maxar satellites, where available.	Maxar/DigitalGlobe
Maxar Historical - 2015 Metadata	This metadata layer delivers a vintage and sensor overlay describing global imagery from 2015 and older collected by Maxar satellites, where available.	Maxar/DigitalGlobe
Maxar Historical - 2015	This global basemap delivers imagery collected from 2015 and older by Maxar satellites, where available.	Maxar/DigitalGlobe
Maxar Historical - 2014 and Older Metadata	This metadata layer delivers a vintage and sensor overlay describing global imagery from 2014 and older collected by Maxar satellites, where available.	Maxar/DigitalGlobe
Maxar Historical - 2014 and Older	This global basemap delivers imagery collected from 2014 and older by Maxar satellites, where available.	Maxar/DigitalGlobe
Bing Maps Imagery	Bing Maps 15-50cm imagery, covering the globe.	Microsoft Bing
Bing Maps Hybrid	Bing Maps 15-50cm imagery, covering the globe, with Bing Maps Streetmap overlay.	Microsoft Bing
NAIP Continental United States	NAIP 1m imagery, collected from 2016-2019, covering the continental United States.	USGS
NAIP Alaska	NAIP 1m imagery, collected from 2016-2019, covering Alaska.	USGS
Landsat 8 Imagery	Provides the latest 15m resolution imagery from Landsat 8, covering the globe.	NASA/USGS
Landsat 8 False Color	Provides the latest 15m resolution false color imagery from Landsat 8, covering the globe.	NASA/USGS

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Satellite Imagery (continued)

DATASET NAME	DATASET DESCRIPTION	SOURCE
Sentinel-2 Imagery	Provides the latest 10m resolution imagery from Sentinel-2, covering the globe.	European Space Agency
Sentinel-2 False Color	Provides the latest 10m resolution false color imagery from Sentinel-2, covering the globe.	European Space Agency
Sentinel-2 NDVI	Provides the latest 10m resolution normalized difference vegetation index from Sentinel-2, covering the globe.	European Space Agency
Sentinel-1 Radar	Provides the latest 10m resolution radar imagery from Sentinel-1, covering the globe.	European Space Agency

Aerial Imagery

DATASET NAME	DATASET DESCRIPTION	SOURCE
Maxar 15cm Aerial Imagery Metadata	Metadata for Maxar 15cm aerial imagery, covering mostly major US metro areas from 2015-2019.	Maxar/Hexagon Geospatial
Maxar 15cm Aerial Imagery	Maxar 15cm RGB aerial imagery, covering mostly major US metro areas from 2015-2019.	Maxar/Hexagon Geospatial
Maxar 15cm Aerial Imagery CIR	Maxar 15cm color infrared aerial imagery, covering mostly major US metro areas from 2015-2019.	Maxar/Hexagon Geospatial
Maxar 30cm Aerial Imagery Metadata	Metadata for Maxar 30cm aerial imagery, covering the lower 48 of the US from 2016-2019.	Maxar/Hexagon Geospatial
Maxar 30cm Aerial Imagery	Maxar 30cm RGB aerial imagery, covering the lower 48 of the US from 2016-2019.	Maxar/Hexagon Geospatial
Maxar 30cm Aerial Imagery CIR	Maxar 30cm color infrared aerial imagery, covering the lower 48 of the US from 2016-2019.	Maxar/Hexagon Geospatial

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Elevation

DATASET NAME	DATASET DESCRIPTION	SOURCE
Maxar Terrain	Terrain basemap that provides a visually appealing terrain perspective, with shaded relief and OpenStreetMap vectors, covering the globe.	Maxar/DigitalGlobe
USGS Topographic Base Map	USGS topographic maps for the entire United States, at various scales.	USGS
USGS eTOPO Base Map	Seamless land cover maps of scanned images of USGS paper topographic maps, at various scales.	USGS
Canadian Topographic Map	Topographic Maps (CanTopo) from Natural Resources Canada, at a 1:50k scale.	Natural Resources Canada
OpenStreetMap Topographic Map	OpenStreetMap Topographic Map, generated from the data of the OpenStreetMap and SRTM.	OpenStreetMap
OpenStreetMap Topographic Labels	OpenStreetMap Topographic Labels is a topographic map that is generated from the data of the OpenStreetMap and SRTM, with labels.	OpenStreetMap
USGS NED Contours	USGS elevation contours from The National Map (NED), generated for the United States at various scales.	USGS
USGS NED DEM	USGS 3DEP Bare Earth DEM is based on multi-resolution USGS DEM sources, generated for the United States at various scales.	USGS
USGS NED Shaded Relief	USGS Shaded Relief The National Map (NED) created with data from 3DEP at various scales for the United States at 1m, 3m, and 10m. Canada, Mexico, and the rest of the globe are also available at 30m.	USGS
Canadian 15m CDEM	Canadian Digital Elevation Model (CDEM) from Natural Resources Canada, at 15m resolution.	Natural Resources Canada
SRTM 30m Hillshade	30m NASA SRTM Canopy DEM (1 Arc-Second Global) Hillshade, covering most of the globe. Most recent release.	NASA/USGS
SRTM 30m Hillshade Color	30m NASA SRTM Canopy DEM (1 Arc-Second Global) Colored Hillshade, covering most of the globe. Most recent release.	NASA/USGS
SRTM 30m DEM	30m NASA SRTM Canopy DEM (1 Arc-Second Global), covering most of the globe. Most recent release.	NASA/USGS
ASTER v3 30m DEM	Version 3 of the Advanced Spaceborne Thermal Emission and Reflection Radiometer, 30m posting elevation data. A product of JSS and NASA.	NASA/JSS

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Bathymetry

DATASET NAME	DATASET DESCRIPTION	SOURCE
TCarta Ocean Base Map	Visually appealing ocean basemap with contours and place names, created by TCarta, covering the globe.	TCarta
GEBCO Bathymetry	The General Bathymetric Chart of the Oceans (GEBCO) gridded bathymetry dataset, covering the globe.	GEBCO
BOEM Gulf of Mexico Contours	BOEM's deepwater Gulf of Mexico bathymetry contours.	BOEM
BOEM Gulf of Mexico Bathymetry	BOEM's deepwater Gulf of Mexico bathymetry grid.	BOEM

Weather

DATASET NAME	DATASET DESCRIPTION	SOURCE
NOAA Lightning Strike Data	NOAA satellite emulated lightning density for the last several hours, covering the globe.	NOAA
NOAA Recent Weather Radar	NOAA NEXRAD reflectivity mosaics for the entire United States, for the last several hours.	NOAA

Reference

DATASET NAME	DATASET DESCRIPTION	SOURCE
Maxar Streetmap	Global vector basemap basemap based on contributions from OpenStreetMap and Mapbox.	Maxar/DigitalGlobe
Maxar Streetmap Transparent	Transparent version of global vector basemap based on contributions from OpenStreetMap and Mapbox.	Maxar/DigitalGlobe
Bing Maps Streetmap	Global vector dataset of Bing Maps street data.	Microsoft Bing
OpenStreetMap	Global vector basemap created and updated by OpenStreetMap contributors.	OpenStreetMap

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