

▣ Geospatial & Mapping OSINT

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Satellite Imagery

- [Google Earth](#) — Global 3D imagery and satellite data
- [Google Earth Pro](#) — Desktop version with advanced tools
- [Sentinel Hub](#) — Access free Sentinel satellite imagery
- [Sentinel Playground](#) — Explore Sentinel imagery interactively
- [EO Browser](#) — Browser-based access to Sentinel imagery
- [NASA Worldview](#) — Daily global satellite data
- [USGS EarthExplorer](#) — Access historical satellite imagery
- [ESA Copernicus Open Access](#) — Sentinel mission data access
- [NOAA Satellite Data](#) — US environmental satellite imagery
- [Satellites.pro](#) — Online satellite maps viewer
- [Mapbox Near-Time Imagery](#) — Near real-time satellite maps
- [GIS Geography: 25 Satellite Maps](#) — Guide to alternative satellite maps
- [Wayback Imagery](#) — Historic satellite imagery archive
- [Maxar Discovery](#) — High-resolution imagery archive
- [Soar.Earth](#) — User-uploaded and satellite imagery platform

Mapping and Street-level

- [Apple Maps](#) - Map service by Apple
- [Baidu Maps](#) - Map service by Baidu
- [Bing Maps](#) — Microsoft's mapping solution
- [GoKML](#) — Online KML maps
- [Google Maps](#) — Standard mapping and geolocation platform
- [Google Street View](#) — Ground-level panoramas worldwide
- [Instant Streetview](#) - Instant Google Street View
- [Mapillary](#) — Crowdsourced street-level imagery
- [NearToilets](#) - Find clean public toilets
- [OpenSeaMap](#) - The Open Sea Map
- [OpenStreetMap](#) — Community-driven world map
- [Open Infra Map](#) - View of the world's infrastructure mapped in OSM
- [HERE WeGo](#) — Mapping and routing platform
- [Wikimapia](#) — Collaborative map with user-added info
- [Yandex Maps](#) - Map service by Yandex

Location Estimation

- [GeoSpy.ai](#) - Locates images through AI pixel analysis. Not publicly available
- [Picarta](#) - Locates images through AI EXIF data / algorithms
- [TIB Labs](#) - Uses deep learning / scene classification to determine country/location
- [Findthatspot](#) - Using OSM to locate features for Geolocation
- [PeakFinder](#) — Identify mountains and terrain from coordinates

- [PeakVisor](#) - same as above

Satellite and Aerial Tracking

- [Space-Track.org](#) — US Space Command satellite data
- [N2YO](#) — Real-time satellite tracking
- [Heavens Above](#) — Satellite, ISS, and astronomy tracking
- [SatNOGS](#) — Open-source satellite ground station network
- [Celestrak](#) — Orbital data for satellites and debris
- [In-The-Sky Satellite Maps](#) — Interactive orbital maps

Sun vs. Shadow

- [ShadeMap](#) - Sunlight simulation on OSM instance
- [ShadowMap](#) - Sunlight simulation on 3d map
- [SunCalc](#) — Calculate sun position and shadows for a given time
- [SunEarthTools](#) - Sun position tracking
- [BellingCat Shadowfinder](#) - Estimating the points on the Earth's surface where a shadow of a particular length could occur

Geospatial Analysis Tools

- [QGIS](#) — Open-source desktop GIS application
- [ArcGIS Online](#) — Cloud-based mapping and spatial analysis
- [Gephi](#) — Visualization and spatial network analysis

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Last update: **2026/08/07 11:15**

