

Land Info offers a variety of digital topographic map & nautical chart data and satellite imagery products of Ukraine including DEMs (Digital Elevation Models), bathymetry and vector layers such as contours, hydrology & transportation/roads. All data is delivered in industry standard file formats such as GeoTiff, NITF, ER Mapper .ecw, LizardTech MrSID .sid, JPG2000 .jp2, Idrisi .rst, ERDAS .img, ESRI .shp shapefile or .mdb GeoDatabase, AutoCAD .dxf or .dwg, MicroStation .dgn, MapInfo MIF/MID/TAB, USGS ASCII .dem, ARC ASCII GRID, DTED and .bil (other formats available upon request). All data includes customer choice of projection. Contact us for educational and volume purchase discounts. Please note that due to copyright restrictions some map products are only available in their original printed format.



Ukraine	
Land area	579,330 sq km
Water area	24,220 sq km
Total area	603,550 sq km
Land boundaries	4,566 km
Coastline	2,782 km
Lowest point	Black Sea 0
Highest point	Hora Hoverla 2,061 m

**Digital topographic maps available as DRGs (Digital Raster Graphics), vector layers and/or DEMs (Digital Elevation Models: 20m - 90m resolution):**

- Full coverage of Ukraine via 1,962 Russian military 1:50,000 topographic maps
- Full coverage of Ukraine via 537 Russian military 1:100,000 topographic maps
- Full coverage of Ukraine via 155 Russian military 1:200,000 topographic maps
- Full coverage of Ukraine via 59 US NGA 1:250,000 JOG topographic maps
- Partial coverage of Ukraine via 3 US 1:500,000 TPC aeronautical topographic maps
- Full coverage of Ukraine via 4 US 1:1,000,000 ONC aeronautical topographic maps

**Large-scale (detailed) city mapping available as DRGs (Digital Raster Graphics), vector layers and/or DEMs (Digital Elevation Models: 5m - 10m resolution):**

- Artemovsk – 2 Russian military 1:10,000 topographic City Plan maps
- Bakhmach – 1 Russian military 1:10,000 topographic City Plan map
- Balakleya – 2 Russian military 1:10,000 topographic City Plan maps
- Belaya Tserkov – 2 Russian military 1:10,000 topographic City Plan maps
- Belgorod-Dnestrovski – 2 Russian military 1:10,000 topographic City Plan maps
- Belopolye – 4 Russian military 1:10,000 topographic City Plan maps
- Berdichev – 2 Russian military 1:10,000 topographic City Plan maps
- Berdiansk – 1 Russian military 1:10,000 topographic City Plan map
- Bryanka – 1 Russian military 1:10,000 topographic City Plan map
- Cherkassy – 4 Russian military 1:10,000 topographic City Plan maps
- Chernigov – 2 Russian military 1:10,000 topographic City Plan maps
- Chernovtsi – 4 Russian military 1:10,000 topographic City Plan maps
- Chuguyev – 1 Russian military 1:10,000 topographic City Plan map
- Dneprodzerzhinsk – 2 Russian military 1:25,000 topographic City Plan maps
- Dnepropetrovsk – 2 Russian military 1:25,000 topographic City Plan maps

## Ukraine (continued)

Donetsk – 4 Russian military 1:10,000 topographic City Plan maps  
Drogobych – 2 Russian military 1:10,000 topographic City Plan maps  
Enakiyevo – 2 Russian military 1:10,000 topographic City Plan maps  
Evpatoriya – 1 Russian military 1:10,000 topographic City Plan map  
Fastov – 2 Russian military 1:10,000 topographic City Plan maps  
Feodosiya – 1 Russian military 1:10,000 topographic City Plan map  
Gorlovka – 2 Russian military 1:25,000 topographic City Plan maps  
Ivano-Frankovsk – 2 Russian military 1:10,000 topographic City Plan maps  
Izmail – 2 Russian military 1:10,000 topographic City Plan maps  
Kalach-na-Donu – 1 Russian military 1:10,000 topographic City Plan map  
Kamenets-Podolski – 2 Russian military 1:10,000 topographic City Plan maps  
Kamenka-Bugskaya – 1 Russian military 1:10,000 topographic City Plan map  
Kerch – 4 Russian military 1:10,000 topographic City Plan maps  
Kharkov – 2 Russian military 1:25,000 topographic City Plan maps  
Kherson – 4 Russian military 1:10,000 topographic City Plan maps  
Khmelnitski – 2 Russian military 1:10,000 topographic City Plan maps  
Khust – 1 Russian military 1:10,000 topographic City Plan map  
Kiev – 4 Russian military 1:15,000 topographic City Plan maps  
Kirovograd – 4 Russian military 1:10,000 topographic City Plan maps  
Kolomiya – 2 Russian military 1:10,000 topographic City Plan maps  
Kommunarsk – 2 Russian military 1:10,000 topographic City Plan maps  
Konotop – 2 Russian military 1:10,000 topographic City Plan maps  
Konstantinovka – 4 Russian military 1:10,000 topographic City Plan maps  
Korosten – 2 Russian military 1:10,000 topographic City Plan maps  
Kovel – 2 Russian military 1:10,000 topographic City Plan maps  
Kramatorsk – 4 Russian military 1:10,000 topographic City Plan maps  
Krasniy Luch – 4 Russian military 1:10,000 topographic City Plan maps  
Krasnoarmeysk – 2 Russian military 1:10,000 topographic City Plan maps  
Kremenchug – 4 Russian military 1:10,000 topographic City Plan maps  
Krivoi Rog – 6 Russian military 1:10,000 topographic City Plan maps  
Kupyansk – 2 Russian military 1:10,000 topographic City Plan maps  
Lisichansk – 4 Russian military 1:10,000 topographic City Plan maps  
Lozovaya – 1 Russian military 1:10,000 topographic City Plan map  
Lubni – 1 Russian military 1:10,000 topographic City Plan map  
Lugansk (Voroshilovgrad) – 2 Russian military 1:10,000 topographic City Plan maps  
Lutsk – 2 Russian military 1:10,000 topographic City Plan maps  
Lvov (Lviv) – 4 Russian military 1:10,000 topographic City Plan maps  
Makeyevka – 4 Russian military 1:25,000 topographic City Plan maps  
Mogilev-Podolski – 2 Russian military 1:10,000 topographic City Plan maps  
Molodechno – 2 Russian military 1:10,000 topographic City Plan maps  
Mukachevo – 1 Russian military 1:10,000 topographic City Plan map  
Nadvornaya – 1 Russian military 1:10,000 topographic City Plan maps  
Nezhin – 4 Russian military 1:10,000 topographic City Plan maps  
Nikolayev (Mykolayiv) – 4 Russian military 1:10,000 topographic City Plan maps  
Nikopol – 4 Russian military 1:10,000 topographic City Plan maps  
Novgorod-Volynski – 2 Russian military 1:10,000 topographic City Plan maps

## Ukraine (continued)

Novodruzhevsk – 4 Russian military 1:10,000 topographic City Plan maps  
Novovolynsk – 1 Russian military 1:10,000 topographic City Plan map  
Odessa – 2 Russian military 1:10,000 topographic City Plan maps  
Ovruch – 1 Russian military 1:10,000 topographic City Plan map  
Pavlograd – 1 Russian military 1:10,000 topographic City Plan map  
Pervomaysk – 1 Russian military 1:10,000 topographic City Plan map  
Poltava – 4 Russian military 1:10,000 topographic City Plan maps  
Priluki – 1 Russian military 1:10,000 topographic City Plan map  
Rava-Russkaya – 1 Russian military 1:10,000 topographic City Plan map  
Romny – 2 Russian military 1:10,000 topographic City Plan maps  
Romodan – 1 Russian military 1:10,000 topographic City Plan map  
Rovno – 2 Russian military 1:10,000 topographic City Plan maps  
Rubezhnoye – 2 Russian military 1:10,000 topographic City Plan maps  
Sambor – 1 Russian military 1:10,000 topographic City Plan map  
Sevastopol – 4 Russian military 1:10,000 topographic City Plan maps  
Severodonetsk – 4 Russian military 1:10,000 topographic City Plan maps  
Shepetovka – 2 Russian military 1:10,000 topographic City Plan maps  
Simferopol – 2 Russian military 1:10,000 topographic City Plan maps  
Slavuta – 1 Russian military 1:10,000 topographic City Plan map  
Slavyansk – 3 Russian military 1:10,000 topographic City Plan maps  
Smela – 2 Russian military 1:10,000 topographic City Plan maps  
Stakhanov – 2 Russian military 1:10,000 topographic City Plan maps  
Stari – 2 Russian military 1:10,000 topographic City Plan maps  
Sumy – 4 Russian military 1:10,000 topographic City Plan maps  
Ternopol – 2 Russian military 1:10,000 topographic City Plan maps  
Uman – 2 Russian military 1:10,000 topographic City Plan maps  
Uzhgorod – 1 Russian military 1:10,000 topographic City Plan map  
Uzyaslav – 1 Russian military 1:10,000 topographic City Plan map  
Vasilkov – 2 Russian military 1:10,000 topographic City Plan maps  
Vinnitsa – 4 Russian military 1:10,000 topographic City Plan maps  
Vladimir-Volynski – 2 Russian military 1:10,000 topographic City Plan maps  
Vorozhba – 4 Russian military 1:10,000 topographic City Plan maps  
Yalta – 1 Russian military 1:10,000 topographic City Plan map  
Zaporozhye – 6 Russian military 1:10,000 topographic City Plan maps  
Zdolbunov – 2 Russian military 1:10,000 topographic City Plan maps  
Zhitomir – 2 Russian military 1:10,000 topographic City Plan maps  
Znamenka – 1 Russian military 1:10,000 topographic City Plan map  
Zolotonosha – 2 Russian military 1:10,000 topographic City Plan maps

### **Off-shelf global data of Ukraine–low-cost, rapid delivery:**

Ukraine VMAP-0 – US NGA 1:1,000,000 vector mapping  
Ukraine SRTM3 – Shuttle Radar Topography Mission 3 arc second (ca. 90m) resolution DEMs  
Ukraine SRTM30 – the earlier GTOPO30 30 arc second (ca. 1km) resolution worldwide DEM dataset enhanced with reduced resolution SRTM where available  
Ukraine GeoCover 1990 30m resolution 7-4-2 Landsat 5 ortho imagery  
Ukraine GeoCover 2000 15m resolution 7-4-2 Landsat 7 ortho imagery

## Ukraine (continued)

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### **Satellite imagery:**

High-resolution satellite imagery including GeoEye Ikonos 1m & GeoEye-1 50cm, DigitalGlobe QuickBird 60cm, WorldView-1 50cm, WorldView-2 50cm & CitySphere of Ukraine

Medium-resolution satellite imagery for cost-effective large-area coverage including Astrium GEO-Information Services SPOT Image 2.5m - 20m & SPOTMaps, ALOS 2.5m - 10m, RapidEye 5m, ASTER 15m and Landsat 15m - 30m of Ukraine

### **Image processing, vector feature extraction, classification and terrain modeling:**

Image processing services including orthorectification, tonal balancing, mosaic output, pan-sharpening, band manipulation, natural color simulation, 16- to 8-bit scaling/DRA (Dynamic Range Adjustment), cloud-patching, atmospheric correction, wavelet compression, GPS GCP (Ground Control Point) target location and accuracy assessment

Classification services including land-use, land-cover, vegetation and impervious surface mapping

2d vector feature extraction including roads/transportation, hydrology and building footprints

3d terrain modeling via auto-correlation and photogrammetric methods using stereo satellite imagery including high-res (Ikonos, GeoEye-1, WorldView-1 & WorldView-2--up to 1m post spacing), ALOS (10m post spacing), SPOT Image (20m post spacing), ASTER (30m post spacing) or radar (10m post spacing); Intermap DEMs (5m post spacing) from airborne radar are also offered of select locations. 3d building models with customer choice of LOD (Level of Detail) are extracted from stereo or off-nadir imagery

**Contact us** with your AOI (Area of Interest) for a scene search to determine if the imagery you need is already in archive or has to be custom-acquired.

### **LAND INFO Worldwide Mapping, LLC**

Founded in 1993, LAND INFO Worldwide Mapping, LLC (Land Info) maintains one of the world's largest commercial archives of digital and paper topographic map and nautical chart data. Complemented by a variety of high-resolution and medium-resolution satellite imagery products, our total focus on data enables us to deliver high-quality solutions with rapid turn-around at competitive prices.

The markets we serve include mapping and geographic information systems (GIS), academia, national security and defense, visualization/simulation, aviation, wireless communications and other utilities, mining, oil & gas, conservation, hydrology, civil and environmental engineering, conservation, humanitarian assistance, land surveying, development, fleet management, mass media and motion pictures, among others.

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