

Land Info offers a variety of digital topographic map & nautical chart data and satellite imagery products of United Kingdom 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.

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

- Full coverage of United Kingdom via 260 Russian military 1:50,000 topographic maps
- Full coverage of United Kingdom via 311 Russian military 1:100,000 topographic maps
- Full coverage of United Kingdom via 95 Russian military 1:200,000 topographic maps
- Full coverage of United Kingdom via 1 US 1:500,000 TPC 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):**

- Aberdeen – 2 Russian military 1:10,000 topographic City Plan maps
- Ashton-in-Makerfield – 2 Russian military 1:10,000 topographic City Plan maps
- Barrow-in-Furness – 1 Russian military 1:10,000 topographic City Plan map
- Bath – 1 Russian military 1:10,000 topographic City Plan map
- Batley – 2 Russian military 1:10,000 topographic City Plan maps
- Bedford – 1 Russian military 1:10,000 topographic City Plan map
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United Kingdom	
Land area	241,930 sq km
Water area	1,680 sq km
Total area	243,610 sq km
Land boundaries	360 km
Coastline	12,429 km
Lowest point	The Fens -4 m
Highest point	Ben Nevis 1,343 m

## United Kingdom (continued)

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Birmingham – 1 Russian military 1:10,000 topographic City Plan map  
Blackburn – 1 Russian military 1:10,000 topographic City Plan map  
Blackpool, Cleveleys, Thornton, Poulton-le-Fylde – 2 Russian military 1:10,000 topographic City Plan maps  
Blyth – 1 Russian military 1:10,000 topographic City Plan map  
Bolton – 2 Russian military 1:10,000 topographic City Plan maps  
Bournemouth, Poole – 1 Russian military 1:25,000 topographic City Plan map  
Bournemouth, Poole – 4 Russian military 1:10,000 topographic City Plan maps  
Bradford – 2 Russian military 1:10,000 topographic City Plan maps  
Brighton, Hove – 2 Russian military 1:10,000 topographic City Plan maps  
Brighton, Hove, Portslade-by-Sea, Southwick, Shoreham-by-Sea – 1 Russian military 1:10,000 topographic City Plan map  
Bristol – 4 Russian military 1:10,000 topographic City Plan maps  
Burnley, Padiham – 1 Russian military 1:10,000 topographic City Plan map  
Cambridge – 2 Russian military 1:10,000 topographic City Plan maps  
Cardiff – 1 Russian military 1:10,000 topographic City Plan map  
Chatham, Gillingham, Rochester – 2 Russian military 1:10,000 topographic City Plan maps  
Chester – 1 Russian military 1:10,000 topographic City Plan map  
Colchester – 2 Russian military 1:10,000 topographic City Plan maps  
Coventry – 2 Russian military 1:10,000 topographic City Plan maps  
Crewe – 1 Russian military 1:10,000 topographic City Plan map  
Darlington – 1 Russian military 1:10,000 topographic City Plan map  
Derby – 1 Russian military 1:10,000 topographic City Plan map  
Dewsbury, Mirfield – 1 Russian military 1:10,000 topographic City Plan map  
Doncaster – 2 Russian military 1:10,000 topographic City Plan maps  
Doncaster, Bentley – 1 Russian military 1:10,000 topographic City Plan map  
Dover – 1 Russian military 1:10,000 topographic City Plan map  
Dudley – 2 Russian military 1:10,000 topographic City Plan maps  
Dundee – 1 Russian military 1:10,000 topographic City Plan map  
Dunfermline – 2 Russian military 1:10,000 topographic City Plan maps  
Edinburgh – 3 Russian military 1:10,000 topographic City Plan maps  
Exeter – 1 Russian military 1:10,000 topographic City Plan map  
Falmouth – 1 Russian military 1:10,000 topographic City Plan map  
Gainsborough – 1 Russian military 1:10,000 topographic City Plan map  
Glasgow, Paisley – 1 Russian military 1:10,000 topographic City Plan map  
Glasgow, Paisley – 2 Russian military 1:25,000 topographic City Plan map  
Gloucester – 1 Russian military 1:10,000 topographic City Plan map  
Grays (Thurrock), Gravesend – 4 Russian military 1:10,000 topographic City Plan maps  
Great Yarmouth – 1 Russian military 1:10,000 topographic City Plan map  
Greenock – 2 Russian military 1:10,000 topographic City Plan maps  
Grimsby – 2 Russian military 1:10,000 topographic City Plan maps  
Guildford – 4 Russian military 1:10,000 topographic City Plan maps  
Halifax, Sowerby Bridge – 1 Russian military 1:10,000 topographic City Plan map  
Hartlepool – 1 Russian military 1:10,000 topographic City Plan map  
Harwich – 1 Russian military 1:10,000 topographic City Plan map  
Hastings – 2 Russian military 1:10,000 topographic City Plan maps  
Havant – 1 Russian military 1:25,000 topographic City Plan map  
Huddersfield – 2 Russian military 1:10,000 topographic City Plan maps

## United Kingdom (continued)

Ipswich – 2 Russian military 1:10,000 topographic City Plan maps  
Kilmarnock – 2 Russian military 1:10,000 topographic City Plan maps  
Kingston upon Hull – 2 Russian military 1:25,000 topographic City Plan maps  
Lancaster, Morecambe – 1 Russian military 1:10,000 topographic City Plan map  
Leeds – 1 Russian military 1:10,000 topographic City Plan map  
Leicester – 1 Russian military 1:10,000 topographic City Plan map  
Lincoln – 1 Russian military 1:10,000 topographic City Plan map  
Liverpool – 1 Russian military 1:25,000 topographic City Plan map  
London – 4 Russian military 1:25,000 topographic City Plan map  
Londonderry – 1 Russian military 1:10,000 topographic City Plan map  
Luton – 1 Russian military 1:10,000 topographic City Plan map  
Manchester, Bolton, Stockport, Oldham – 4 Russian military 1:25,000 topographic City Plan maps  
Manchester, Stockport, Oldham – 2 Russian military 1:10,000 topographic City Plan maps  
Middlesbrough – 4 Russian military 1:25,000 topographic City Plan maps  
Milford – 1 Russian military 1:10,000 topographic City Plan map  
Newcastle upon Tyne, Gateshead, South Shields, Tynemouth – 1 Russian military 1:5,000 topographic City Plan map  
Newport – 2 Russian military 1:10,000 topographic City Plan maps  
Northampton – 4 Russian military 1:25,000 topographic City Plan maps  
Norwich – 2 Russian military 1:10,000 topographic City Plan maps  
Nottingham – 1 Russian military 1:10,000 topographic City Plan map  
Oxford – 1 Russian military 1:10,000 topographic City Plan map  
Padiham – 1 Russian military 1:10,000 topographic City Plan map  
Pembroke – 1 Russian military 1:25,000 topographic City Plan map  
Plymouth – 2 Russian military 1:10,000 topographic City Plan maps  
Portland, Weymouth – 2 Russian military 1:10,000 topographic City Plan maps  
Portsmouth, Fareham, Gosport – 4 Russian military 1:10,000 topographic City Plan maps  
Preston – 2 Russian military 1:10,000 topographic City Plan maps  
Reading – 2 Russian military 1:10,000 topographic City Plan maps  
Rhondda – 2 Russian military 1:10,000 topographic City Plan maps  
Saint Helens, Haydock, Prescot – 1 Russian military 1:10,000 topographic City Plan map  
Sheffield, Rawmarsh, Rotherham, Eckington – 1 Russian military 1:25,000 topographic City Plan map  
Solihull – 2 Russian military 1:10,000 topographic City Plan maps  
Southampton – 2 Russian military 1:10,000 topographic City Plan maps  
Southend on Sea – 2 Russian military 1:10,000 topographic City Plan maps  
Stoke-on-Trent – 1 Russian military 1:25,000 topographic City Plan map  
Sunderland – 2 Russian military 1:10,000 topographic City Plan maps  
Swansea – 1 Russian military 1:10,000 topographic City Plan map  
Swindon – 2 Russian military 1:10,000 topographic City Plan maps  
Teesside (Stockton-on-Tees, Billingham, Redcar, Thornaby-on-Tees, Eston, Guisborough) – 3 Russian military 1:10,000 topographic City Plan maps  
Torbay (Torquay, Paignton, Brixham) – 2 Russian military 1:10,000 topographic City Plan maps  
Warrington – 2 Russian military 1:10,000 topographic City Plan maps  
West Bromwich – 2 Russian military 1:10,000 topographic City Plan maps  
Wigan, Ashton-in-Makerfield – 2 Russian military 1:10,000 topographic City Plan maps  
Wolverhampton – 2 Russian military 1:10,000 topographic City Plan maps  
York – 1 Russian military 1:10,000 topographic City Plan map

## United Kingdom (continued)

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### **Off-shelf global data of United Kingdom—low-cost, rapid delivery:**

United Kingdom VMAP-0 – US NGA 1:1,000,000 vector mapping

United Kingdom SRTM3 – Shuttle Radar Topography Mission 3 arc second (ca. 90m) resolution DEMs

United Kingdom SRTM30 – the earlier GTOPO30 30 arc second (ca. 1km) resolution worldwide DEM dataset enhanced with reduced resolution SRTM where available

United Kingdom GeoCover 1990 30m resolution 7-4-2 Landsat 5 ortho imagery

United Kingdom GeoCover 2000 15m resolution 7-4-2 Landsat 7 ortho imagery

### **Satellite imagery:**

High-resolution satellite imagery including GeoEye Ikonos 1m & GeoEye-1 50cm, Astrium Pléiades 50cm, DigitalGlobe QuickBird 60cm, WorldView-1 50cm & WorldView-2 50cm of United Kingdom

Medium-resolution satellite imagery for cost-effective large-area coverage including Astrium GEO-Information Services SPOT Image 1.5m - 20m & SPOTMaps, ALOS 2.5m - 10m, RapidEye 5m, ASTER 15m, DEIMOS 22m and Landsat 15m - 30m of United Kingdom

### **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.

## United Kingdom (continued)

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