

LAND INFO offers a variety of digital topographic map & nautical chart data and satellite imagery products of Pakistan 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):

- Partial coverage of Pakistan via 560 national 1:50,000 topographic maps
- Partial coverage of Pakistan via 350 national 1:63,360 topographic maps
- Partial coverage of Pakistan via 127 Russian military 1:50,000 topographic maps
- Full coverage of Pakistan via 592 Russian military 1:100,000 topographic maps
- Full coverage of Pakistan via 173 Russian military 1:200,000 topographic maps
- 95% coverage of Pakistan via 77 US NGA 1:250,000 JOG topographic maps
- Full coverage of Pakistan via 11 US 1:500,000 TPC aeronautical topographic maps
- Full coverage of Pakistan via 5 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):

- Bahawalpur – 1 Russian military 1:10,000 topographic City Plan map
- Bahawalpur Guide Map
- Chakwal Guide Map
- Dera Ghazi Khan Guide Map
- Dera Ismail Khan Guide Map
- Faisalabad Guide Map
- Gujranwala Guide Map
- Gujranwala – 1 Russian military 1:10,000 topographic City Plan map
- Hyderabad – 4 Russian military 1:10,000 topographic City Plan maps



Pakistan	
Land area	770,875 sq km
Water area	25,220 sq km
Total area	796,095 sq km
Land boundaries	6,774 km
Coastline	1,046 km
Lowest point	Indian Ocean 0
Highest point	K2 8,611 m

Pakistan (continued)

Islamabad Street Map 01
Islamabad Street Map 02
Islamabad – 2 Russian military 1:10,000 topographic City Plan maps
Jhang Sadar (Jhang-Maghiana) – 1 Russian military 1:10,000 topographic City Plan map
Karachi Guide Map
Karachi Towns and Places
Karachi – 2 Russian military 1:10,000 topographic City Plan map
Kasur – 1 Russian military 1:10,000 topographic City Plan map
Lahore Guide Map
Map Of Lahore
Lahore – 4 Russian military 1:10,000 topographic City Plan maps
Lyalpur (Faisalabad) – 2 Russian military 1:10,000 topographic City Plan maps
Mardan – 1 Russian military 1:10,000 topographic City Plan map
Mirpur Khas Guide Map
Multan – 2 Russian military 1:10,000 topographic City Plan maps
Murree Guide Map
Muzaffarabad Guide Map
Nawabshah Guide Map
Okara – 1 Russian military 1:10,000 topographic City Plan map
Peshawar Guide Map
Peshawar – 1 Russian military 1:10,000 topographic City Plan map
Quetta – 2 Russian military 1:10,000 topographic City Plan maps
Rahimyar Khan Guide Map
Rawalpindi Guide Map
Rawalpindi – 2 Russian military 1:10,000 topographic City Plan maps
Sahiwal – 1 Russian military 1:10,000 topographic City Plan map
Sargodha Guide Map
Sargodha – 1 Russian military 1:10,000 topographic City Plan map
Sialkot Guide Map
Sialkot – 1 Russian military 1:10,000 topographic City Plan map
Sukkur – 1 Russian military 1:10,000 topographic City Plan map
Thatta and Makli Guide Map

Off-shelf global data of Pakistan—low-cost, rapid delivery:

Pakistan VMAP-0 – US NGA 1:1,000,000 vector mapping
Pakistan SRTM - Shuttle Radar Topography Mission Dem data available at 1 arc second (ca. 30m), 3 arc second (ca. 90m) or 30 arc second (ca. 1km)
Pakistan GeoCover 1990 30m resolution 7-4-2 Landsat 5 ortho imagery
Pakistan GeoCover 2000 15m resolution 7-4-2 Landsat 7 ortho imagery

Satellite Imagery:

High-resolution satellite imagery including Airbus Pléiades 50cm, DigitalGlobe IKONOS 80cm, QuickBird 60cm, GeoEye-1 40cm, WorldView-1 40cm, WorldView-2 40cm & WorldView-3 30cm of Pakistan
Medium-resolution satellite imagery for cost-effective large-area coverage including Airbus SPOT Image 1.5m - 20m & SPOTMaps, ALOS 2.5m - 10m, RapidEye 5m, ASTER 15m, DEIMOS 22m and Landsat 15m - 30m of Pakistan

Pakistan (continued)

Remote Sensing Services:

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 & Object Based Image Analysis 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 or photogrammetric methods using stereo satellite imagery including high-res (Pléiades, IKONOS, GeoEye-1, WorldView-1, WorldView-2 & WorldView-3 -- up to 1m post spacing), Airbus SPOT 5/6/7 (5m - 30m post spacing), ALOS (10m post spacing), ASTER (30m post spacing) or radar (Radarsat and Airbus WorldDEM TerraSAR-X/TanDEM-X); 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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