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NEXTMAP® WORLD 30™

Digital Surface Model

Seamless Global Coverage

The NEXTMap World 30 digital surface model (DSM) provides seamless, best-available surface elevation data with a 30-meter ground sampling distance (GSD), allowing for demanding geospatial analyses anywhere in the world. With the latest release, Intermap Technologies has improved World 30 with proprietary approaches to combine and filter the data, resulting in our most accurate and cleanest product ever.

Key Benefits and Features



Worldwide Coverage

100% inclusion of the Earth's entire 150 million square kilometers enable comprehensive analysis.



Void-Filled Data

World 30 fills the voids and corrects the errors inherent in publicly available data for seamless coverage.



Proprietary Data Filtering

Intermap's new Terrain Filter and improved ICESat filtering offer improved high-amplitude noise reduction.



Frequent Updates

World 30 is automatically enhanced with the latest elevation data for more informed decision making.

High-Resolution Accuracy

This 30-meter DSM provides the most accurate worldwide elevation product on the market to date. All component data has been aligned and adjusted using high-resolution worldwide LiDAR before fusion into the product. Significant effort has been invested by Intermap to ensure these LiDAR data represent high quality and consistent control, ultimately resulting in the best product for our clients.

Product Specifications

NEXTMap World 30 DSM features:

- Fusion of SRTM, ASTER, GTOPO30, and other data
- Utilization of global LIDAR for vertical control
- 1 arc second postings (~30m)
- 10m LE95 vertical accuracy
- Geographic projection
- WGS84 horizontal datum
- EGM96 geoid
- 1°x1° tiles
- 32 bit floating point elevations
- File size per 1°x1° cell is ~50MB
- Oceans set to 0 meter
- Flattened water body surfaces between North 60 degrees and South 56 degrees
- Custom data formats and projections available upon request

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**Visit www.intermap.com
or call +1 (303) 708-0955
for more information.**

Intermap Technologies® is a global geospatial solutions leader focused on improving the ways in which people, businesses, and governments use location-based information. Intermap provides products, services, and solutions that help businesses and governments solve their geospatial challenges.

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World 30 Components:

