Global Topographic Clutter Information

NEXTMap Clutter™ is the worlds first global map of topographic clutter information that includes both clutter type and clutter height. NEXTMap Clutter is two products in one: Clutter Type and Clutter Height. Clutter type information is classified into categories including bare earth, light and heavy vegetation, urban, roads, and water. Clutter height information is provided for all vegetation and urban clutter classes. NEXTMap Clutter is designed for use in multiple industries including environmental, engineering, and telecommunication.

Built on the foundation of NEXTMap

NEXTMap Clutter is created using a combination of NEXTMap elevation data and the latest satellite imagery. Our approach utilized NEXTMap Digital Surface model (DSM) and Digital Terrain Model (DTM) as well as the latest visible spectrum and hyperspectral imagery from satellite to identify features and structure in the terrain. The result is a seamless reliable data layer that provides substantially more detail and accuracy than competitors using a single data source.

Instant access via data subscriptions

Intermap's cloud services enable you to immediately access data products and services for your area of interest. Since the products and services are hosted and stored in the cloud, costs and resources associated with storing and managing large datasets locally are reduced. Our NEXTMap database is frequently updated providing you with the most current information available. Additional data sets, online tools, and analytics are also available to perform simple analyses from any web browser and enable better terrain-based decisions without the need for any GIS software.
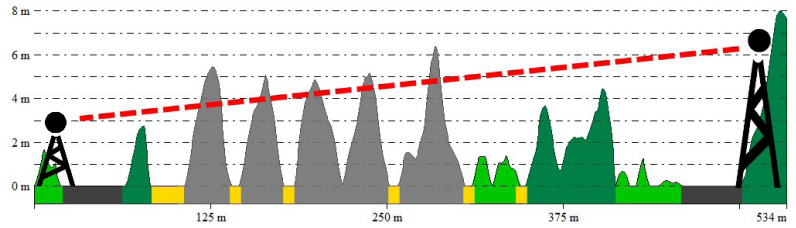
NEXTMap Clutter is available through the standard Open Geospatial Consortium (OGC) Web Content Service (WCS) protocol that is compatible with hundreds of third party tools and applications. WCS is used to download full resolution data for analysis in your application.

NEXTMap Clutter provides full clutter height and classification. The terrain in this RF profile is colorized based on classification. The grey houses are easily discernable from the green vegetation.

Specifications

Item	Specification
Data Type	Clutter Type (8-bit) Clutter Height (32-bit)
Data coverage	36 countries
Resolution	5 m
Clutter Height Units	Meters (height)
Clutter Type Values	See Table
Subscription	Pay as you go
Protocol	WCS

Value	Description
1	Water Feature
2	Open Field
10	Light Vegetation
11	Heavy Vegetation
20	Urban
30	Road

NEXTMap Clutter Type values

Learn more

For more information about how you can benefit from Intermap's clutter data for your geospatial needs, please contact your Intermap representative or an Intermap business partner.

NEXTMap Data Subscriptions are available now. Contact Intermap to access free demo datasets and analytics today!

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