

JAPAN - Tsunami 2011 Fukushima Nuclear Plant Flood Map

March 16th, 2011
Scale 1:10.000

Location Diagrams



Legend

- Transport network**
 - Primary road
 - Secondary road
 - Tertiary
 - Railway
- Human settlements**
 - City/Town
- Hydrology**
 - Reference water
 - Flood Area
- Utilities**
 - Railway Station
 - Hospital
- Plant site**
 - Plant site

Interpretation

On March 11th two violent shocks, of 9 to 7.9 Richter, have invested the North East of Japan. Few hours after the earthquake, a 10 meters 'tsunami' have struck the coast.

The analysis of the COSMO-SkyMed Spotlight image (1 m resolution), acquired on 16th March 2011, highlights flooded areas after the tsunami wave around the area of the Fukushima Nuclear Power Plant.

Currently the water interests mainly the north side of the area.

Cartographic Information



Local projection: UTM WGS84 54N, Datum: WGS84
Geographic projection: Lat/Lon (DMS), Datum: WGS 84

Scale: 1:10.000 for A1 prints

Data Sources

Image data
© ASI COSMO-SkyMed images

Vector data
© e-GEOS S.p.A - Image analysis
© Open Street Map
© Geonames

Framework

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