



The Norway 1 meter Digital Elevation Model is a high-resolution national elevation dataset produced by Kartverket (the Norwegian Mapping Authority) as part of Norway's Nasjonal detaljert Høydemodell (National Detailed Elevation Model) program. The dataset is derived from airborne lidar surveys and is available as both a Digital Terrain Model (DTM) and a Digital Surface Model (DSM) covering mainland Norway. It is a national mosaic compiled from surveys conducted between 2009 and present. The majority of coverage was acquired between 2014 and 2019 as part of the Nasjonal detaljert høydemodell (NDH) program, which completed full national coverage in 2022. New surveys continue to be added as Kartverket conducts ongoing acquisitions.

For more information about this dataset:

- [The Norway National Elevation Model](#)
- [The Norway DSM product](#)
- [The DTM ATOM Service](#)

Horizontal Coordinates: ETRS89 / UTM zone 33N [EPSG: 25833]

Vertical Coordinates: NN2000 [EPSG: 5941]

Units: meter

Collection Platform: Airborne Lidar

Dataset Acknowledgement: *Elevation data provided by the Norwegian Mapping Authority (Kartverket), licensed under Creative Commons Attribution 4.0 International (CC BY 4.0) (<https://creativecommons.org/licenses/by/4.0/>)*

Data Access Note: OpenTopography does not host the Norway 1m DEM locally. Instead, data files are accessed dynamically and in real time directly from Kartverket's servers at the time of each request. While this ensures users always receive the most current data available, it also means that access is dependent on the availability of Kartverket's download service. In the event of connectivity issues or service interruptions on Kartverket's end, some requests may fail or return incomplete results. If you experience unexpected errors, we recommend trying again later or contacting OpenTopography at info@opentopography.org or Kartverket at hoydedata@kartverket.no.