

OPENTOPONL

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Nederlands | Dutch

OpenTopo.nl biedt rasterbestanden met uit meerdere bronnen samengestelde topografische kaartbeelden van Europees Nederland, via www.opentopo.nl.

Vrijwel alle gebruikte bronnen zijn open data. De OpenTopo bladen zijn zelf ook open data, met CC BY licentie. Dit houdt in: vrij gebruik met naamsvermelding: "Bron: www.opentopo.nl".

De OpenTopo kaartbladen worden vijf keer per jaar gepubliceerd: eind februari, eind april, eind juni, eind september, eind november. Hiermee volgt OpenTopo de publicatiecyclus van de Basisregistratie Topografie.

De OpenTopo kaartbladen worden gepubliceerd op vijf schalen:

- 37,5 pixels/ km: ~ 1:150.000 @ 250dpi; 1 blad
- 200 pixels/km: ~ 1:50.000 @ 250dpi; 39 bladen; ieder blad meet 40x50 km of 8.000x10.000 pixels
- 400 pixels/km: ~ 1:25.000 @ 250dpi; 122 bladen; ieder blad meet 20x25 km of 8.000x10.000 pixels
- 800 pixels/km: ~ 1:12.500 @ 250dpi; 484 bladen; ieder blad meet 10x12,5 km of 8.000x10.000 pixels
- 1600 pixels/km: ~ 1:6.250 @ 250dpi; 968 bladen; ieder blad meet 10x6,25 km of 16.000x10.000 pixels

De bladindeling volgt die van het Kadaster.

Alle kaartbladen van de laatste release plus éénna-laatste release zijn te downloaden via data.nlextract.nl/opentopo, een service van Just van den Broecke. Elke resolutie is beschikbaar in JPEG en GeoTIFF formaat. De GeoTIFF bestanden zijn reeds georeferenceerd, getiled + overviews, en dus direct te gebruiken in GIS applicaties.

Nieuw in deze release t.o.v. de vorige release:

1. BAG "Bouwvergunning verleend" nu apart gemarkeerd bij panden;
2. Extra randmarges bij rendering genomen tegen label artefacten langs de bladranden;
3. Perceelgrenzen aangegeven (op 800/1600 pix, bron: PDOK);
4. Omlijnning van bruggen opnieuw ingesteld;
5. Afritlabels nu iets transparant gezet.

English | Engels

Opentopo.nl offers topographic raster images of the European part of The Netherlands, compiled from various geodata sources, on www.opentopo.nl.

Nearly all geodata sources used are open data. The OpenTopo raster images are themselves open data as well, CC BY licensed. This means: free for use if you include name attribution: "Source: www.opentopo.nl".

The OpenTopo raster images are updated five times each year: late February, late April; late June; late September; Late November. This release cycle follows that of the Dutch Base Registry Topography of the Dutch National Mapping agency Kadaster.

The OpenTopo raster images are published on five scales:

- 37,5 pixels/ km: ~ 1:150.000 @ 250dpi; 1 file
- 200 pixels/km: ~ 1:50.000 @ 250dpi; 39 files; each image measures 40x50 km or 8000x10000 pixels
- 400 pixels/km: ~ 1:25.000 @ 250dpi; 122 files; each image measures 20x25 km or 8000x10000 pixels
- 800 pixels/km: ~ 1:12.500 @ 250dpi; 484 files; each image measures 10x12,5 km or 8000x10000 pixels
- 1600 pixels/km: ~ 1:6.250 @ 250dpi; 968 files; each image measures 10x6,25 km or 16000x10000 pixels

Map numbering follows the Kadaster definitions.

All raster images of the latest release, plus the previous release, are downloadable from <http://data.nlextract.nl/opentopo>, a Just van den Broecke service. Each resolution is available in both JPG and GeoTIFF format. The GeoTIFF files are already geo-referenced including tiles and overviews, and therefore directly usable in GIS tools.

New in this release compared to previous release:

1. BAG "Planning permission granted" now distinctly marked on buildings;
2. Extra margins employed at edges while rendering, to avoid name label cutoffs;
3. Property boundaries included (on 800/1600 pix resolutions, source: PDOK.nl);
4. Borders of bridges newly configured;
5. Road exit markers now slightly transparent.

