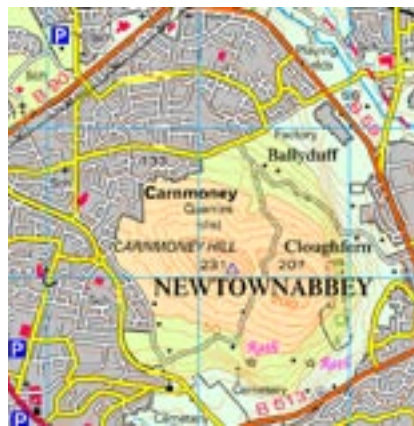


What is 1:50 000 Raster?

The 1:50 000 Raster mapping is cartographically identical to the Discoverer series (1:50 000) paper product. The raster data provides an image in which the Discoverer series detail has been converted into a grid of pixels that can be displayed on a computer screen.

Raster mapping is the simplest form of digital mapping. It is a scanned digital version of a paper map which has been geo-referenced so that each pixel is fixed on the Irish Grid and has Irish Grid co-ordinates.



Key Features

Clear detailed information on roads, footpaths, woods, water features, important buildings and height contours.

All topographic features are joined across sheet edges, providing coverage of the entire country.

Compatible with the Republic of Ireland Discoverer Map Series. Both map series have the same co-ordinate system, same data source in border areas and a similar cartographic style and feature content.

Fully geo-referenced and compatible with other OSNI data.

Technical Information

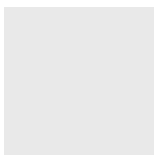
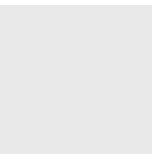
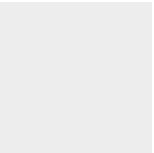
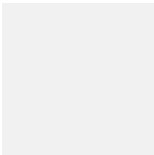
- ◆ Derived directly from OSNI Discoverer database, resulting in a high resolution (300 dpi) quality colour image
- ◆ Distances and areas can be measured to an accuracy of 30m/30m²
- ◆ Can be displayed on most graphics software packages
- ◆ Up to date mapping, with each map reviewed for revision every six years
- ◆ Available in TIFF and ECW formats
- ◆ Typical file size 65mb (TIFF) 8mb (ECW)



1:50 000 Raster



Extract from 1:50 000 Raster



Applications

- ◆ Backdrop mapping
- ◆ Development planning
- ◆ Environmental analysis
- ◆ Land-use planning
- ◆ Route planning
- ◆ Distance measurement

1:50 000 Raster in Action

Northern Ireland Statistics and Research Agency (NISRA) use OSNI 1:50 000 Raster on their website as part of the Northern Ireland Neighbourhood Information Service (NINIS) www.ninis.nisra.gov.uk. This service provides free access to situational and location information relating to small areas across Northern Ireland. The information given includes; population, social and welfare classification, agriculture, education and crime.

The site contains an atlas of thematic maps for a range of data and the user can view these maps by category. Categories include; People and Households, Health and Care, Education and Employment, Housing and Transport and Language.

Access to this type of information helps the viewers make informed decisions about, for example, where they would like to move to or where to site a business. For further information, visit the Northern Ireland Statistics and Research Agency web site: www.nisra.gov.uk

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