



## Estimated groundwater flux, 2019: Recharge

### Metadata

#### File Identifier

1afb7c45-6cde-05c8-563a-bd4a2cd44faa

#### Language

eng

#### Hierarchy Level Name

dataset

### Contact

#### Responsible Party

##### Individual Name

Rogier Westerhoff

##### Organisation Name

Empty

##### Position Name

Empty

### Date Stamp

#### Date Time

20190918

### Metadata Standard Name

ISO 19115:2003/19139

### Metadata Standard Version

1.0

### Spatial Representation Info

#### Georectified

##### Boolean

0

##### Pixel Orientation Code

001

### Identification Info

#### Data Identification

##### Citation

##### Citation

##### Title

NZGroundwaterRecharge\_meanAnnual\_20002015.tif

##### Alternate Title

New Zealand Groundwater Atlas

##### Cited Responsible Party

Responsible Party

**Individual Name**

Rogier Westerhoff

**Organisation Name**

Empty

**Position Name**

Empty

**Abstract**

Three national models of groundwater recharge in New Zealand were used (NGRM, TopNet, IrriCalc) to create a mean model of groundwater recharge. This dataset summarises the gridded groundwater recharge from this model mean for the period 2000-2015 in mm/day. A complementary dataset describing the standard deviation of this dataset is also available: NZGroundwaterRecharge\_meanAnnual\_20002015\_stdev.tif. Where reference to the data is to be included in a reference list the following citation is suggested: Westerhoff R, Dark A, Zammit C., Tschritter, C., Rawlinson, Z., 2019. New Zealand Groundwater Atlas: Groundwater Fluxes. Lower Hutt (NZ): GNS Science. Consultancy Report 2019/126.

**Purpose**

National-scale mean groundwater recharge for the period 2000-2015 in mm/day

**Point Of Contact****Responsible Party****Individual Name**

Rogier Westerhoff

**Organisation Name**

Empty

**Position Name**

Empty

**Resource Constraints****Legal Constraints****Use Limitation**

These data have been developed for the purpose of national-scale assessments. While all care and diligence has been used in processing, analysing and extracting data and information for this publication, the Ministry for the Environment, the Institute of Geological and Nuclear Sciences Limited (GNS Science), Aqualinc Research Ltd. (Aqualinc) and the National Institute of Water and Atmospheric Research (NIWA) give no warranty in relation to these data - including its accuracy, reliability and suitability - and accept no liability whatsoever in relation to any loss, damage, or other costs relating to the use of any part of these data or any compilations, derivative works, or modifications of these data.

**Resource Constraints****Constraints****Use Limitation**

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**Language**

eng

**Topic Category Code**

geoscientificInformation

Topic Category Code

environment

Version 6.2 (Build 9200) ; Esri ArcGIS 10.5.1.7333

Extent

EX\_ Extent

Geographic Element

EX\_ Geographic Bounding Box

166.1309747802443179.62143031501114-48.06539396562689-33.99335676213591

Content Info

Image Description

Band\_1

Real

13.997347

Real

0.003485

Integer

64

Distribution Info

Distribution

Distributor

Distributor

Distributor Contact

Responsible Party

Individual Name

Rogier Westerhoff

Organisation Name

Empty

Position Name

Empty

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://data.mfe.govt.nz/layer/104447-estimated-groundwater-flux-2019-recharge/>

Data Quality Info

DQ\_ Data Quality

Lineage

LI\_ Lineage

Statement

Supplied to Ministry for the Environment by GNS Science in September 2019.

Metadata Constraints

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#### Metadata Constraints

##### Constraints

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#### Metadata Constraints

##### Legal Constraints

###### Use Limitation

Attribution 4.0 International

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###### Use Constraints

###### Restriction Code

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