



Estimated groundwater flux, 2019: Flow

Metadata

File Identifier

f19eb9d5-18cb-0454-c570-2da655feac87

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

NZGroundwaterFlow_Amplitude_Classes.tif

Alternate Title

New Zealand Groundwater Atlas

Cited Responsible Party

Responsible Party

Individual Name

Rogier Westerhoff

Organisation Name

Empty

Position Name

Empty

Abstract

A national groundwater model was used to estimate near-surface groundwater flow amplitudes and separated into four classes to encompass the uncertainty of the dataset.

- 1: Low groundwater flow Lower than 25th percentile
- 2: Moderate groundwater flow In between 25th and 75th percentile
- 3: High groundwater flow In between 75th and 90th percentile
- 4: Very high groundwater flow Higher than 90th percentile

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

Classification of national-scale estimated near-surface groundwater flow amplitudes: 1=Low amplitude, 4=Very high amplitude.

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.

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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

165.91699050329265179.5267622692766-47.44228475520715-33.89896828536652

Content Info

Image Description

Band_1

Real

4.000000

Real

1.000000

Integer

8

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/104449-estimated-groundwater-flux-2019-flow/>

Data Quality Info

DQ_ Data Quality

Lineage

LI_ Lineage

Statement

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

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Use Limitation

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Use Constraints

Restriction Code

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