



Estimated groundwater flux, 2019: Discharge

Metadata

File Identifier

B187BA48-142B-417C-BDE2-F6BACCF4944E

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

Alternate Title

New Zealand Groundwater Atlas

Cited Responsible Party

Responsible Party

Individual Name

Rogier Westerhoff

Organisation Name

Empty

Position Name

Empty

Abstract

<DIV STYLE="text-align:Left;"><DIV><DIV><P>A national groundwater model (NWT) was used to estimate the probability of groundwater discharging to the surface and separated into classes to encompass the uncertainty of the dataset.</P><TABLE><TBODY><TR><TD><P STYLE="text-align:Justify;font-weight:bold;margin:15 0 0 0;">Groundwater discharge class</P></TD><TD><P STYLE="text-align:Justify;font-weight:bold;margin:15 0 0 0;">Description</P></TD></TR><TR><TD><P STYLE="text-align:Justify;margin:15 0 0 0;">None</P></TD><TD><P STYLE="text-align:Justify;margin:15 0 0 0;">The NWT model never encountered groundwater discharge</P><P /></TD></TR><TR><TD><P STYLE="text-align:Justify;margin:15 0 0 0;">1: Low</P></TD><TD><P STYLE="text-align:Justify;margin:15 0 0 0;">A low probability of groundwater discharge; the NWT model has encountered discharge a few times (lower than the 25th percentile).</P></TD></TR><TR><TD><P STYLE="text-align:Justify;margin:15 0 0 0;">2: Medium</P></TD><TD><P STYLE="text-align:Justify;margin:15 0 0 0;">A medium probability of groundwater discharge; the NWT model has encountered discharge relatively often (in between 25th and 75th percentile).</P></TD></TR><TR><TD><P STYLE="text-align:Justify;margin:15 0 0 0;">3: High</P></TD><TD><P STYLE="text-align:Justify;margin:15 0 0 0;">A high probability of groundwater discharge; the model has encountered discharge very often (higher than 75th percentile)</P></TD></TR></TBODY></TABLE><P></P><P>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.</P>

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Purpose

Probability classification of national-scale estimated discharge of groundwater to the surface: 1=Low probability, 3=High probability.

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

Content Info

Coverage Description

Band_1
Real
4
Real
1
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/104448/>

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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