

Metadata format: ISO 19139

ISO 19139 metadata content

- Resource Identification Information
- Spatial Representation Information
- Content Information
- Reference System Information
- Data Quality Information
- Distribution Information
- Metadata Information

Service Identification Information

CITATION

TITLE Pflanzenverfügbares Wasser im Sommerhalbjahr in Deutschland
eng-US Title translated: Plant available water in the summer half-year in Germany
 ALTERNATE TITLES WVPFL1000_250

CREATION DATE 2014-03-21
 PUBLICATION DATE 2014-03-27

EDITION 1.0
 EDITION DATE 2014-03-21
 PRESENTATION FORMAT mapDigital

UNIQUE RESOURCE IDENTIFIER
 VALUE 6f6e3ff9-77f1-4e21-909d-3d9d8f6f0f94

RESPONSIBLE PARTY - AUTHOR

INDIVIDUAL'S NAME Duijnisveld, Wilhelmus, Dr.
 ORGANIZATION'S NAME Bundesanstalt für Geowissenschaften und Rohstoffe (BGR)

CONTACT INFORMATION

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ADDRESS

DELIVERY POINT Stilleweg 2
 CITY Hannover
 ADMINISTRATIVE AREA DE-NI
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 COUNTRY GERMANY
 E-MAIL ADDRESS fis.bo@bgr.de

PLACE KEYWORDS

KEYWORDS Bundesrepublik Deutschland

THEME KEYWORDS

KEYWORDS Bodenwasser, Bodenwasserhaushalt, Niederschlag

THESAURUS

TITLE GEMET - Concepts, version 2.4

CREATION DATE 2010-01-13

THEME KEYWORDS

KEYWORDS Kapillarer Aufstieg

THESAURUS

TITLE Freies Schlagwort

CREATION DATE 2013-10-29

THEME KEYWORDS

KEYWORDS Boden, Soil

THESAURUS

TITLE GEMET - INSPIRE themes, version 1.0

CREATION DATE 2008-06-01

THEME KEYWORDS

KEYWORDS pflanzenverfügbares Bodenwasser, nutzbare Feldkapazität

THESAURUS

TITLE SGD-Liste

CREATION DATE 2001-01-01

DESCRIPTIVE KEYWORDS

KEYWORDS Downloadable Data

THESAURUS ArcIMS Metadata Service Content Types

ABSTRACT

Die Karte des pflanzenverfügbaren Wassers im Sommerhalbjahr in Deutschland gibt einen Überblick über das Angebot an Wasser für das Wachstum der Pflanzen innerhalb der Hauptwachstumszeit (1. April – 30. September). Das pflanzenverfügbare Wasser ist die Summe der sommerlichen Niederschläge, der nutzbaren Feldkapazität und des Betrags des kapillaren Aufstieges. Die Karte basiert auf der Auswertung der nutzungsdifferenzierten Bodenübersichtskarte 1:1.000.000 (BUEK1000N) und der mittleren Sommerniederschläge (April – September) der Referenzperiode 1961–1990 (Daten des DWD). Die Methode ist Teil des TUB_BGR-Verfahrens und in der Methodendokumentation Bodenkunde der Ad-hoc-AG Boden veröffentlicht. Als Landnutzungsinformation und zur nutzungsabhängigen Differenzierung der Profildaten werden die Daten des CORINE Land Cover Projektes (2006) genutzt.

eng-US The map of the plant available water in Germany gives an overview of the amount of water which is available for plant growth in the summer period (April – September). It is the sum of the available water holding capacity of soils the precipitation in summer and the amount of capillary rise. The map was made on the basis of the land use stratified soil map of Germany at a scale of 1:1,100,000, climate data for the period of 1961–1990 and land use information is derived from the Corine Land Cover data set (2006). The method is part of the TUB_BGR approach to model seepage water and is published in the documentation of Ad-hoc-AG Boden (representing the soil experts of the geological services of the German federal states).

PURPOSE

Schaffung einer bundesweit einheitlichen Übersicht zum Wasserdargebot im Sommerhalbjahr, das für das Pflanzenwachstum genutzt werden kann.

SERVICE TYPE view

GRAPHIC OVERVIEW

FILE NAME <http://www.bodenatlas.de>

FILE TYPE HTML

FILE DESCRIPTION Projektseite

STATUS completed

MAINTENANCE

UPDATE FREQUENCY asNeeded

RESOURCE CONSTRAINTS

CONSTRAINTS

LIMITATIONS OF USE

Allgemeine Geschäftsbedingungen, siehe <http://www.bgr.bund.de/AGB> - General terms and conditions, see http://www.bgr.bund.de/AGB_en. Die bereitgestellten Informationen sind bei Weiterverwendung wie folgt zu zitieren: Datenquelle: WVPFL1000_250 V1.0, (C) BGR, Hannover, 2014.

RESOURCE CONSTRAINTS

LEGAL CONSTRAINTS

ACCESS CONSTRAINTS copyright

USE CONSTRAINTS copyright

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT CONTAINS THE RESOURCE true

WEST LONGITUDE 5.44371

EAST LONGITUDE 15.642101

NORTH LATITUDE 55.06406

SOUTH LATITUDE 46.983669

CREDITS

(C) Bundesanstalt für Geowissenschaften und Rohstoffe (BGR).

POINT OF CONTACT - POINTOFCONTACT

INDIVIDUAL'S NAME Duijnsveld, Wilhelmus, Dr.

ORGANIZATION'S NAME Bundesanstalt für Geowissenschaften und Rohstoffe (BGR)

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POSTAL CODE 30655

COUNTRY GERMANY

E-MAIL ADDRESS fis.bo@bgr.de

ONLINE RESOURCE

ONLINE LOCATION <http://www.bgr.bund.de>

SERVICE-RESOURCE COUPLING TYPE tight

SERVICE COUPLED RESOURCE

OPERATION NAME GetCapabilities

RESOURCE IDENTIFIER 6f6e3ff9-77f1-4e21-909d-3d9d8f6f0f94

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Spatial Representation - Georectified

NUMBER OF DIMENSIONS 2

AXIS DIMENSIONS PROPERTIES

DIMENSION

DIMENSION NAME column

DIMENSION SIZE 2528

RESOLUTION

DISTANCE 250.000000 m (meter)

DIMENSION

DIMENSION NAME row

DIMENSION SIZE 3430

RESOLUTION

DISTANCE 250.000000 m (meter)

CELL GEOMETRY area

TRANSFORMATION PARAMETERS ARE AVAILABLE true

POINT IN PIXEL center

CHECK POINTS ARE AVAILABLE false

CORNER POINTS

POINT 3717750.000000 2272206.988200

GML OBJECT UNIQUE IDENTIFIER ID0EPOAC

POINT 3717750.000000 3129706.988200

GML OBJECT UNIQUE IDENTIFIER ID0EVOAC

POINT 4349750.000000 3129706.988200

GML OBJECT UNIQUE IDENTIFIER ID0E2OAC

POINT 4349750.000000 2272206.988200

GML OBJECT UNIQUE IDENTIFIER ID0EBPAC

CENTER POINT

POINT 4033750.000000 2700956.988200

GML OBJECT UNIQUE IDENTIFIER ID0EHPAC

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Content Information - Image Description

TYPE OF INFORMATION image

ATTRIBUTE DESCRIBED BY CELL VALUES

NIL REASON missing

BAND INFORMATION

MINIMUM AND MAXIMUM VALUES Band_1

LONGEST WAVELENGTH 1845.342041

SHORTEST WAVELENGTH 323.343689

WAVELENGTH UNITS

IDENTIFIER Unified Code of Units of Measure

CODESPACE GML_UomSymbol

GML OBJECT UNIQUE IDENTIFIER ID0EQBAE

NUMBER OF BITS PER VALUE 32

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Reference System Information

REFERENCE SYSTEM IDENTIFIER

VALUE 3034

CODESPACE EPSG
VERSION 8.1(9.0.0)

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Data Quality Information

SCOPE OF QUALITY INFORMATION
RESOURCE LEVEL dataset

LINEAGE
LINEAGE STATEMENT
Bodendaten aus BÜK1000N V2.31 (BGR), Klimadaten des Deutschen Wetterdienstes (DWD). Landnutzungsdaten aus CORINE Land Cover 2006 (UBA/DLR).

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Distribution Information

DISTRIBUTOR
DISTRIBUTOR INFORMATION - DISTRIBUTOR
ORGANIZATION'S NAME Bundesanstalt für Geowissenschaften und Rohstoffe (BGR)

CONTACT INFORMATION
ADDRESS
E-MAIL ADDRESS geodatenmanagement@bgr.de

ONLINE RESOURCE
ONLINE LOCATION <https://produktcenter.bgr.de>

FORMAT
NAME Raster Dataset
VERSION
NIL REASON missing

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Metadata Information

LAST UPDATE 2017-03-20
MAINTENANCE
UPDATE FREQUENCY asNeeded

METADATA CONTACT - POINTOFCONTACT
ORGANIZATION'S NAME Bundesanstalt für Geowissenschaften und Rohstoffe (BGR)

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ONLINE RESOURCE
ONLINE LOCATION <http://www.bgr.bund.de>

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset
SCOPE NAME dataset

METADATA LANGUAGE German

METADATA CHARACTER SET utf8

INFORMATION IS ALSO PROVIDED IN ADDITIONAL LOCALES

LANGUAGE English

COUNTRY UNITED STATES

CHARACTER SET utf8

NAME OF THE METADATA STANDARD USED INSPIRE Metadata Implementing Rules: Technical
Guidelines based on EN ISO 19115 and EN ISO 19119

VERSION OF THE METADATA STANDARD V. 1.2

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