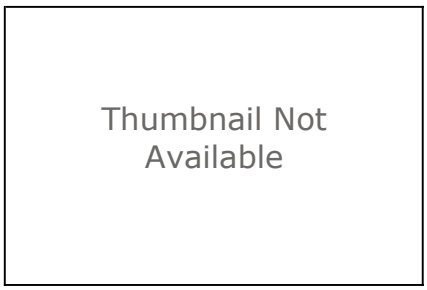
Soil_Crop_Temp

dBASE Table



Tags

SMAPVEX12, soil temperature, vegetation temperature

Summary

This table was generated for use in analysis and validation associated with the SMAPVEX12 (Soil Moisture Active-Passive Validation Experiment 2012) project.

Description

This table presents soil and vegetation temperature dataduring the course of the SMAPVEX12 field campaignbetween June 7 and July 19. Temperature values were recorded for both shaded and exposed soil and vegetation at the surface, as well as for soil at depths of 5 and 10 cm.

Credits

Grant Wiseman Senior Geomatics Scientist – Scientifique principal en géomatique Agriculture and Agri-Food Canada – Agriculture et Agroalimentaire Canada Telephone - Téléphone: 204-984-4080 Cellular - Cellulaire: 204-293-6074 Facsimile - Télécopieur: 204-983-2178 200-303 Main Street, Winnipeg, MB R3C 3G7 grant.wiseman@agr.gc.ca

Use limitations

All SMAPVEX12 data (except those already on public domain servers) will be placed on the University of Sherbrooke site. Access will be limited by password that will be provided to principle investigators and co-investigators listed below. It will be up to the principle investigators and co-investigators to ensure that staff, graduate students and post docs respect the terms of the agreement on usage and distribution. Access to the website will be restricted until July 1, 2013 for preliminary research and quality control. After July 1, 2013 all data will be transferred to a SMAP DAAC. Principle Investigators Heather McNairn, Agriculture and Agri-Food Canada Tom Jackson, USDA, ARS Hydrology and Remote Sensing Laboratory Co-Investigators Aaron Berg, University of Guelph Amine Merzouki, Agriculture and Agri-Food Canada Andreas Colliander, JPL Anne Walker, Environment Canada Brenda Toth, Environment Canada/MSC/HAL Catherine Champagne, Agriculture and Agri-Food Canada Craig Smith, Environment Canada Dara Entekhabi, MIT Eni Njoku, JPL Grant Wiseman, Agriculture and Agri-Food Canada Jarrett Powers, Agriculture and Agri-Food Canada Jiali Shang, Agriculture and Agri-Food Canada John Fitzmaurice, Agriculture and Agri-Food Canada Mahta Moghaddam, University Southern California Mike Cosh, USDA, ARS Hydrology and Remote Sensing Laboratory Narendra Das, JPL Paul Bullock, University of Manitoba Peggy O'Neill, NASA GSFC Ramata Magagi, University of Sherbrooke Rotimi Ojo, University of Manitoba Sab Kim, JPL Stéphane Bélair, Environment Canada - NWP and Data Assimilation Alicia Joseph, NASA GSFC Erika Podest, JPL John Kimball, University of Montana Kalifa Goïta, University of Sherbrooke Marco Carrera, Environment Canada, Meteorological Research Division Steven Chan, JPL Vanessa Escobar, NASA GSFC

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE environment, geoscientificInformation

* CONTENT TYPE Downloadable Data

Hide Topics and Keywords ▲

Citation ►

* TITLE Soil_Crop_Temp

PRESENTATION FORMATS * digital table

RESOURCE IDENTIFIER
VALUE Soil_Crop_Temp

Hide Citation ▲

Resource Details ►

DATASET LANGUAGES * English (CANADA)
DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

SPATIAL REPRESENTATION TYPE * text table

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; ESRI ArcGIS 10.0.5.4400

CREDITS
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grant.wiseman@agr.gc.ca

ARCGIS ITEM PROPERTIES
* NAME Soil_Crop_Temp
* SIZE 0.966
* LOCATION file://\\mbwinnfs106\gis$\data8\projects\land\soil\SMAPVEX12\data\Geodatabase\DBFtables\Soil_Crop_Temp.dbf
* ACCESS PROTOCOL Local Area Network

Hide Resource Details ▲

Resource Points of Contact ►

POINT OF CONTACT
INDIVIDUAL'S NAME Grant Wiseman
ORGANIZATION'S NAME Agriculture and Agri-Food Canada – Agriculture et Agroalimentaire Canada
CONTACT'S POSITION Senior Geomatics Scientist – Scientifique principal en géomatique
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►
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FAX 204-983-2178

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TYPE
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ADMINISTRATIVE AREA Manitoba
POSTAL CODE MB R3C 3G7
COUNTRY Canada
E-MAIL ADDRESS grant.wiseman@agr.gc.ca

Hide Contact information ▲

Hide Resource Points of Contact ▲

Resource Maintenance ►

RESOURCE MAINTENANCE
UPDATE FREQUENCY as needed

Hide Resource Maintenance ▲

Resource Constraints ►

CONSTRAINTS
LIMITATIONS OF USE

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John Kimball, University of Montana
Kalifa Goïta, University of Sherbrooke
Marco Carrera, Environment Canada, Meteorological Research Division
Steven Chan, JPL
Vanessa Escobar, NASA GSFC

Hide Resource Constraints ▲

Data Quality ►

SCOPE OF QUALITY INFORMATION ►
RESOURCE LEVEL non-geographic dataset

Hide Scope of quality information ▲

Hide Data Quality ▲

Geoprocessing history ►

PROCESS
DATE 2012-12-13 10:26:06
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CopyRows
COMMAND ISSUED

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CopyRows W:\data8\projects\land\soil\SMAPVEX12
\data\Kurt\SMAPVEX_MASTER.gdb\Soil_Crop_Temp W:\data8
\projects\land\soil\SMAPVEX12\data\Kurt\DBFtables\Soil_Crop_Temp.dbf #
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

Hide Geoprocessing history ▲

Distribution ►

DISTRIBUTION FORMAT
* NAME dBASE Table

TRANSFER OPTIONS
* TRANSFER SIZE 0.966

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT Soil_Crop_Temp ►
* TYPE Table
* ROW COUNT 2919
DEFINITION
Soil and vegetation temperature data collected during the SMAPVEX12 field campaign.

DEFINITION SOURCE
AAFC

FIELD OID ►
* ALIAS OID
* DATA TYPE OID
* WIDTH 4
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION
Internal feature number.

* DESCRIPTION SOURCE
ESRI

* DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

Hide Field OID ▲

FIELD Sample_Dat ►
* ALIAS Sample_Dat
* DATA TYPE Date
* WIDTH 8
* PRECISION 0
* SCALE 0

Hide Field Sample_Dat ▲

FIELD Site_ID ►
* ALIAS Site_ID
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Identification number of the site at which the readings were taken.

DESCRIPTION SOURCE
AAFC

Hide Field Site_ID ▲

FIELD Soil_Temp_ ►
* ALIAS Soil_Temp_
* DATA TYPE Double
* WIDTH 19
* PRECISION 0
* SCALE 0

*Hide Field Soil_Temp_* ▲

FIELD Soil_Temp1 ►
* ALIAS Soil_Temp1

* DATA TYPE Double
* WIDTH 19
* PRECISION 0
* SCALE 0

Hide Field Soil_Temp1 ▲

FIELD Veg_Temp_S ►
* ALIAS Veg_Temp_S
* DATA TYPE Double
* WIDTH 19
* PRECISION 0
* SCALE 0

Hide Field Veg_Temp_S ▲

FIELD Veg_Temp_1 ►
* ALIAS Veg_Temp_1
* DATA TYPE Integer
* WIDTH 9
* PRECISION 9
* SCALE 0

Hide Field Veg_Temp_1 ▲

FIELD Soil_Tem_1 ►
* ALIAS Soil_Tem_1
* DATA TYPE Integer
* WIDTH 9
* PRECISION 9
* SCALE 0

Hide Field Soil_Tem_1 ▲

FIELD Soil_Tem_2 ►
* ALIAS Soil_Tem_2
* DATA TYPE Integer
* WIDTH 9
* PRECISION 9
* SCALE 0

Hide Field Soil_Tem_2 ▲

Hide Details for object Soil_Crop_Temp ▲

Hide Fields ▲

Metadata Details ►

* METADATA LANGUAGE English (CANADA)
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER 68C7EDEC-52AE-4C08-BB63-C254A683D068

SCOPE OF THE DATA DESCRIBED BY THE METADATA * non-geographic dataset
SCOPE NAME * dataset

* LAST UPDATE 2013-01-10

ARCGIS METADATA PROPERTIES
METADATA FORMAT ArcGIS 1.0
METADATA STYLE North American Profile of ISO19115 2003
STANDARD OR PROFILE USED TO EDIT METADATA NAP

CREATED IN ARCGIS FOR THE ITEM 2012-12-05 12:34:37
LAST MODIFIED IN ARCGIS FOR THE ITEM 2013-01-10 16:04:48

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2013-01-10 16:04:48

Hide Metadata Details ▲

Metadata Maintenance ►

MAINTENANCE
UPDATE FREQUENCY as needed

Hide Metadata Maintenance ▲

FGDC Metadata (read-only) ►

Entities and Attributes ►

DETAILED DESCRIPTION
ENTITY TYPE
ENTITY TYPE LABEL Soil_Crop_Temp
ENTITY TYPE DEFINITION
Soil and vegetation temperature data collected during the SMAPVEX12 field campaign.
ENTITY TYPE DEFINITION SOURCE AAFC

ATTRIBUTE
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Internal feature number.
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UNREPRESENTABLE DOMAIN
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ATTRIBUTE
ATTRIBUTE LABEL Soil_Temp_

ATTRIBUTE
ATTRIBUTE LABEL Soil_Temp1

ATTRIBUTE
ATTRIBUTE LABEL Veg_Temp_S

ATTRIBUTE
ATTRIBUTE LABEL Veg_Temp_1

ATTRIBUTE
ATTRIBUTE LABEL Soil_Tem_1

ATTRIBUTE
ATTRIBUTE LABEL Soil_Tem_2

Hide Entities and Attributes ▲