

Data Set Number 196: Katanga AWS weather data 2001 hourly Output (Fakara, Niger)

Identification_Information:

Citation:

Citation_Information:

Originator: ICRISAT

Publication_Date: 20020101

Title: Katanga AWS weather data 2001 Hourly Output (Fakara, Niger)

Edition: 1

Geospatial_Data_Presentation_Form: tabular digital data

Online_Linkage: \\Isc-

svr01\GeoNetwork\fakaradatabase\d.fatondji\2001\katanga aws weather data 2001 hourly output\Katanga AWS weather data 2001 Hourly Output.dbf

Description:

Abstract:

The Kantaga weather station was installed for the first in 2000 when ICRISAT activities started in the Fakara in the form of demonstration of the strategic placement of mineral fertilizer - microdose. The station collect the following information:

1. Total rainfall (mm)
2. Rainfall intensity (mm/s) to be checked
3. Total solar radiation (mj/m2)
4. Air temperature (mini, maxi, average)
5. Air relative humidity (%)
6. Wind direction
7. Wind speed

Purpose: Make available for scientific purpose, relevant weather data to scientist.

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 20010101

Ending_Date: 20011231

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As needed

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: 2.583333

East_Bounding_Coordinate: 2.866667

North_Bounding_Coordinate: 13.583333

South_Bounding_Coordinate: 13.333333

Data_Set_G-Polygon:

Data_Set_G-Polygon_Outer_G-Ring:

G-Ring_Point:

G-Ring_Latitude: 13.53656

G-Ring_Longitude: 2.81533

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: Weather

Theme_Keyword: air temperature

Theme_Keyword: climate
 Theme_Keyword: rain
 Place:
 Place_Keyword_Thesaurus: None
 Place_Keyword: West Africa
 Place_Keyword: Niger
 Place_Keyword: Fakara
 Place_Keyword: Katanga
 Temporal:
 Temporal_Keyword_Thesaurus: none
 Temporal_Keyword: 2001
 Access_Constraints: Public domain
 Use_Constraints: None
 Point_of_Contact:
 Contact_Information:
 Contact_Organization_Primary:
 Contact_Organization: ICRISAT
 Contact_Person: DOUGBEDJI FATONDJI
 Contact_Position: Senior Scientific Officer
 Contact_Address:
 Address_Type: mailing and physical
 Address: BP: 12404 Niamey
 City: NIAMEY
 Country: NIGER
 Contact_Voice_Telephone: 00227 20722529
 Contact_Facsimile_Telephone: 0022720734329
 Contact_Electronic_Mail_Address: d.Fatondji@cgiar.org
 Contact_Electronic_Mail_Address: d_fatondji@yahoo.com
 Hours_of_Service: Monday to Friday, From 8H am to 16H pm z+1
 Contact_Instructions: Prefer contact by email address
 Data_Set_Credit: Bruno Gerard ICRISAT Sahelian Center, PO B0x 12404
 Native_Data_Set_Environment: Microsoft Excel; dBASE; Text; ESRI
 ArcCatalog 9.0.0.535
 Data_Quality_Information:
 Attribute_Accuracy:
 Attribute_Accuracy_Report: Automatic data collection with Campbell
 Scientific weather station
 Quantitative_Attribute_Accuracy_Assessment:
 Attribute_Accuracy_Explanation: The data are collected with
 sensors that are mounted on the station. They generate signals that are
 converted into numbers through a Campbell Scientific data logger
 Lineage:
 Process_Step:
 Process_Description: Every three months, Data are loaded from
 weather station to computer which has Datalogger program. Data are
 stored in tables such as listed in Dataset Overview. The data files are
 compatible to both txt and excel extentions
 Spatial_Data_Organization_Information:
 Direct_Spatial_Reference_Method: Point
 Point_and_Vector_Object_Information:
 SDTS_Terms_Description:
 SDTS_Point_and_Vector_Object_Type: Point
 Entity_and_Attribute_Information:
 Detailed_Description:
 Entity_Type:
 Entity_Type_Label: Katanga AWS weather data 2001 Hourly Output
 Attribute:

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Attribute_Label: OID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Attribute:
Attribute_Label: DATACODE
Attribute_Definition: Array Id 129
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: YEAR
Attribute_Definition: Year
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: JDAY
Attribute_Definition: Day of Year
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: H
Attribute_Definition: Hour Minute
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: TAVG
Attribute_Definition: Average Air Temperature C
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: RH
Attribute_Definition: Sample %RH
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: VPAVG
Attribute_Definition: Average Vapor Pressure (kPa)
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: RA
Attribute_Definition: Total Solar (kJ/m2)
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: ET
Attribute_Definition: ETo (mm/hr)
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: WS
Attribute_Definition: Average Wind Speed (m/s)
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: WD
Attribute_Definition: Average Wind Direction
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: WDSTD
Attribute_Definition: Standard Dev. of Wind Direction
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Overview_Description:
Entity_and_Attribute_Overview:
The dataset is known and identified by "'60 Minute Output (Code
129)'" and contains the following attributes:
DataCode: Array Id 129

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Year: Year
Jday: Day of Year