

Data Set Number 193: Katanga AWS weather data 2000 Daily Output (Fakara, Niger)

Identification_Information:

Citation:

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Originator: ICRISAT

Publication_Date: 20010101

Title: Katanga AWS weather data 2000 Daily Output (Fakara, Niger)

Edition: 1

Geospatial_Data_Presentation_Form: tabular digital data

Online_Linkage: \\Isc-

svr01\GeoNetwork\fakaradatabase\d.fatondji\2000\katanga aws weather data 2000 daily output\Katanga AWS weather data 2000 Daily 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: 20000601

Ending_Date: 20001231

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: 2000
 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 BOx 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 2000 Daily Output
 Attribute:
 Attribute_Label: OID
 Attribute_Definition: Internal feature number.
 Attribute_Definition_Source: ESRI

Attribute_Domain_Values:
Attribute:
Attribute_Label: Code
Attribute_Definition: Array Id 139
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: TMAX
Attribute_Definition: Max Air Temperature C
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: TMIN
Attribute_Definition: Min Air Temperature C
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: VPAVG
Attribute_Definition: Average Vapor Pressure (kPa)
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: VPMAX
Attribute_Definition: Max Vapor Pressure (kPa)
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: VPMIN
Attribute_Definition: Min Vapor Pressure (kPa)
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: RA
Attribute_Definition: Total Solar (MJ/m2)
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: ET
Attribute_Definition: ETo - (mm/day)
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: WSMAX
Attribute_Definition: Max Wind Speed m/s
Attribute_Definition_Source: DOUGBEDJI FATONDJI
Attribute:
Attribute_Label: WSAVG
Attribute_Definition: Average Wind Speed m/s
Attribute_Definition_Source: DOUGBEDJI FATONDJI

Attribute:
Attribute_Label: RAIN
Attribute_Definition: Total Rain Fall mm
Attribute_Definition_Source: DOUGBEDJI FATONDJI

Attribute:
Attribute_Label: MAXBAT
Attribute_Definition: Max Battery Voltage
Attribute_Definition_Source: DOUGBEDJI FATONDJI

Attribute:
Attribute_Label: MINBAT
Attribute_Definition: Min Battery Voltage
Attribute_Definition_Source: DOUGBEDJI FATONDJI

Attribute:
Attribute_Label: MAXCRT
Attribute_Definition: Max CR10 Temp C
Attribute_Definition_Source: DOUGBEDJI FATONDJI

Attribute:
Attribute_Label: MINCRT
Attribute_Definition: Min CR10 Temp C
Attribute_Definition_Source: DOUGBEDJI FATONDJI

Attribute:
Attribute_Label: PROGSIGN
Attribute_Definition: CR10 Program Signature
Attribute_Definition_Source: DOUGBEDJI FATONDJI

Overview_Description:
Entity_and_Attribute_Overview:
The dataset is known and identified by: ''1440 Minute Output
(Code 139)'' and contains the following attributes:
Code: Array Id 139
Year: Year
Jday: Day of Year
H: Hour Minute
Tavg: Average Air Temperature C
Tmax: Max Air Temperature C
Tmin: Min Air Temperature C
Vpavg: Average Vapor Pressure (kPa)
Vpmax: Max Vapor Pressure (kPa)
Vpmin: Min Vapor Pressure (kPa)
Ra: Total Solar (MJ/m2)
ET: ETo - (mm/day)
Wsmax: Max Wind Speed m/s
Wsave: Average Wind Speed m/s
Rain: Total Rain Fall ? mm
MaxBat: Max Battery Voltage
MinBat: Min Battery Voltage
MaxCRT: Max CR10 Temp C
MinCRT: Min CR10 Temp C
Prosign: CR10 Program Signature

Distribution_Information:
Distributor:
Contact_Information:
Contact_Position: ICRISAT SAHELIAN CENTER
Contact_Address:
Address_Type: mailing and physical
City: NIAMEY
Country: NIGER
Contact_Voice_Telephone: 0022720722529

Contact_Voice_Telephone: 0022720722626
Contact_Facsimile_Telephone: 0022720734329
Contact_Electronic_Mail_Address: icrisatsc@cgiar.org
Contact_Electronic_Mail_Address: d.fatondji@cgiar.org
Contact_Electronic_Mail_Address: b.gerard@cgiar.org
Hours_of_Service: 8h00am - 16h00pm z+1
Contact_Instructions: Prefer Email contact
Resource_Description: 1440 Minute Output (Code 139)
Distribution_Liability: Data are public domain. However, Users who
need the data should contact ICRISAT via his physical or mailing
address.
Standard_Order_Process:
 Digital_Form:
 Digital_Transfer_Information:
 Format_Name: dbf
 Format_Version_Number: 4
 Transfer_Size: 0.048
Metadata_Reference_Information:
 Metadata_Date: 20070205
 Metadata_Contact:
 Contact_Information:
 Contact_Organization_Primary:
 Contact_Organization: ICRISATSC
 Contact_Person: AMADOU M. Laouali
 Contact_Position: Consultant
 Contact_Address:
 Address_Type: mailing and physical address
 Address: BP: 12404
 City: NIAMEY
 Country: NIGER
 Contact_Voice_Telephone: 0022720722529
 Contact_Facsimile_Telephone: 0022720734329
 Contact_Electronic_Mail_Address: a.m.laouali@cgiar.org
 Hours_of_Service: 8h00am - 16hpm z+1
 Contact_Instructions: Email contact
 Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial
Metadata
 Metadata_Standard_Version: FGDC-STD-001-1998
 Metadata_Time_Convention: local time
 Metadata_Access_Constraints: Restricted
 Metadata_Security_Information:
 Metadata_Security_Classification: Unclassified
 Metadata_Extensions:
 Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>
 Profile_Name: ESRI Metadata Profile