

Data Set Number 132: Daily rainfall measurements at landscape scale with a network of raingauges in 2005 (Fakara/Niger)

Identification_Information:

Citation:

Citation_Information:

Originator: Bruno Gerard

Publication_Date: 2005

Title: Daily rainfall measurements at landscape scale with a network of rain gauges in 2005 (Fakara/Niger)

Edition: Version 1

Geospatial_Data_Presentation_Form: vector digital data

Description:

Abstract: Shape file for daily rainfall measurements over the Fakara region obtained for 61 raingauges. Rainfall readings have been performed by individual farmers throughout the rainy season

Purpose: Obtain spatio-temporal distribution of rainfall over the Fakara

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 20050429

Ending_Date: 20051014

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: Daily

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: 2.557954

East_Bounding_Coordinate: 2.889923

North_Bounding_Coordinate: 13.589263

South_Bounding_Coordinate: 13.285846

Keywords:

Theme:

Theme_Keyword_Thesaurus: none

Theme_Keyword: precipitation

Theme_Keyword: rainfall

Theme_Keyword: moisture

Theme_Keyword: water balance

Place:

Place_Keyword_Thesaurus: none

Place_Keyword: Fakara

Place_Keyword: Niger

Place_Keyword: West Africa

Stratum:

Temporal:

Temporal_Keyword_Thesaurus: none

Temporal_Keyword: 2005

Access_Constraints: Free access

Use_Constraints: Cite when used

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: ICRISATSC

Contact_Address:
 Address_Type: mailing and physical address
 Address: BP: 12404
 City: Niamey
 Country: Niger
 Contact_Voice_Telephone: +22720722626
 Contact_Facsimile_Telephone: +22720734329
 Contact_Electronic_Mail_Address: icrisatsc@cgiar.org
 Contact_Electronic_Mail_Address: b.gerard@cgiar.org
 Hours_of_Service: 8h00-16h00 pm z+1
 Contact_Instructions: Prefer mailing contact
 Data_Set_Credit: Bruno Gerard, ICRISAT
 Security_Information:
 Security_Classification: Unclassified
 Native_Data_Set_Environment: Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 9.2.0.1324
 Data_Quality_Information:
 Lineage:
 Process_Step:
 Process_Description: Data were collected from pluviometer of each village of Fakara area and were input and processed into Excel
 Spatial_Data_Organization_Information:
 Direct_Spatial_Reference_Method: Vector
 Point_and_Vector_Object_Information:
 SDTS_Terms_Description:
 SDTS_Point_and_Vector_Object_Type: Entity point
 Point_and_Vector_Object_Count: 61
 Spatial_Reference_Information:
 Horizontal_Coordinate_System_Definition:
 Planar:
 Grid_Coordinate_System:
 Grid_Coordinate_System_Name: Universal Transverse Mercator
 Universal_Transverse_Mercator:
 UTM_Zone_Number: 31
 Transverse_Mercator:
 Scale_Factor_at_Central_Meridian: 0.999600
 Longitude_of_Central_Meridian: 3.000000
 Latitude_of_Projection_Origin: 0.000000
 False_Easting: 500000.000000
 False_Northing: 0.000000
 Planar_Coordinate_Information:
 Planar_Coordinate_Encoding_Method: coordinate pair
 Coordinate_Representation:
 Planar_Distance_Units: meters
 Geodetic_Model:
 Horizontal_Datum_Name: D_WGS_1984
 Ellipsoid_Name: WGS_1984
 Semi-major_Axis: 6378137.000000
 Denominator_of_Flattening_Ratio: 298.257224
 Entity_and_Attribute_Information:
 Detailed_Description:
 Entity_Type:
 Entity_Type_Label: fakara_rain_2005
 Attribute:
 Attribute_Label: FID
 Attribute_Definition: Internal feature number.
 Attribute_Definition_Source: ESRI

Attribute_Domain_Values:
 Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.

Attribute:
 Attribute_Label: Shape
 Attribute_Definition: Feature geometry.
 Attribute_Definition_Source: ESRI
 Attribute_Domain_Values:
 Unrepresentable_Domain: Coordinates defining the features.

Attribute:
 Attribute_Label: Village
 Attribute_Definition: Village in which the rain gauge stands
 Attribute_Definition_Source: Bruno Gerard

Attribute:
 Attribute_Label: X_coord
 Attribute_Definition: Longitude in UTM31N
 Attribute_Definition_Source: Bruno Gerard

Attribute:
 Attribute_Label: Pluvio_ID
 Attribute_Definition: Number of rain gauge in the village
 Attribute_Definition_Source: Bruno Gerard

Attribute:
 Attribute_Label: DOY118
 Attribute_Definition: Rainfall for specific day i.e DOY 118 (the 118th Day Of Year), All subsequent columns (From DOY118 to DOY286) are daily rainfall for given day.
 Attribute_Definition_Source: Bruno Gerard

Attribute:
 Attribute_Label: Y_coord
 Attribute_Definition: Latitude in UTM31N
 Attribute_Definition_Source: Bruno Gerard

Attribute:
 Attribute_Label: DOY286
 Attribute_Definition: Rainfall for specific day i.e DOY 118 (the 118th Day Of Year), All subsequent columns (From DOY118 to DOY286) are daily rainfall for given day.
 Attribute_Definition_Source: Bruno Gerard

Distribution_Information:
 Distributor:
 Contact_Information:
 Contact_Organization_Primary:
 Contact_Organization: ICRISAT
 Contact_Address:
 Address_Type: mailing and physical address
 Address: BP: 12404
 City: Niamey
 Country: Niger
 Contact_Voice_Telephone: +22720722626
 Contact_Facsimile_Telephone: +22720734329
 Contact_Electronic_Mail_Address: icrisatsc@cgiar.org
 Hours_of_Service: 8h00-16h00 pm z+1
 Contact_Instructions: Prefer mailing contact

Resource_Description: Daily rainfall measurements at landscape scale with a network of rain gauges in 2005

Standard_Order_Process:
 Digital_Form:
 Digital_Transfer_Information:

Transfer_Size: 0.002
Fees: Free
Ordering_Instructions: Contact Bruno Gerard at b.gerard@cgiar.org
Metadata_Reference_Information:
Metadata_Date: 20070129
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: ICRISAT
Contact_Person: AMADOU M.Laouali
Contact_Address:
Address_Type: mailing and physical address
Address: BP: 12404
City: Niamey
Country: Niger
Contact_Voice_Telephone: +22720722626
Contact_Facsimile_Telephone: +22720734329
Contact_Electronic_Mail_Address: icrisatsc@cgiar.org
Hours_of_Service: 8H00-16H00 PM Z+1
Contact_Instructions: Prefer mailing 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: None
Metadata_Use_Constraints: Cite when used
Metadata_Security_Information:
Metadata_Security_Classification: Unclassified
Metadata_Extensions:
Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>
Profile_Name: ESRI Metadata Profile