Data Set Number 131: Daily rainfall measurements at landscape scale with a network of raingauges in 2004 (Fakara/Niger)

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Identification_Information:
  Citation:
    Citation_Information:
      Originator: Bruno Gerard
      Publication_Date: 2004
      Title: Daily rainfall measurements at landscape scale with a
network of rain gauges in 2004 (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 56 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: 20040519
        Ending_Date: 20040922
    Currentness_Reference: ground condition
  Status:
    Progress: Complete
    Maintenance_and_Update_Frequency: Daily
  Spatial_Domain:
    Bounding_Coordinates:
      West_Bounding_Coordinate: 2.579792
      East_Bounding_Coordinate: 2.889918
      North_Bounding_Coordinate: 13.589263
      South_Bounding_Coordinate: 13.296257
  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
    Temporal:
      Temporal_Keyword_Thesaurus: none
      Temporal_Keyword: 2004
  Access_Constraints: Free access
  Use_Constraints: Cite when used
  Point_of_Contact:
    Contact_Information:
      Contact_Organization_Primary:
        Contact_Organization: ICRISAT
      Contact_Voice_Telephone: +22720722626
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            Contact_Facsimile_Telephone: +22720734329
            Contact_Electronic_Mail_Address: icrisatsc@cgiar.org
            Contact_Electronic_Mail_Address: b.gerard@cgiar.org
            Contact_Instructions: Prefer mailing contact
    Data_Set_Credit: Bruno Gerard, ICRISAT
    Native_Data_Set_Environment: Microsoft Windows XP Version 5.1 (Build
2600) Service Pack 2; ESRI ArcCatalog 9.0.0.535
Data_Quality_Information:
    Lineage:
      Process_Step:
        Process_Description: Data were collected from rain gauge 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: 56
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:
            Abscissa_Resolution: 0.000064
            Ordinate_Resolution: 0.000064
          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_2004
      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
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    Attribute_Domain_Values:
       Unrepresentable_Domain: Coordinates defining the features.
    Attribute:
      Attribute_Label: Village
      Attribute_Definition: Village in which the raingauge 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:
      Attribute_Label: DOY139
      Attribute_Definition: Rainfall for specific day i.e DOY 139 (19
May), All subsequent columns (From DOY139 to DOY265) 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
Distribution_Information:
  Distributor:
    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_Instructions: Prefer mailing contact
  Resource_Description: Daily rainfall measurements at landscape scale
with a network of rain gauges in 2004
  Distribution_Liability:
  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
        City: Niamey
        Country: Niger
      Contact_Voice_Telephone: +22720722626
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        Contact_Facsimile_Telephone: +22720734329
        Contact_Electronic_Mail_Address: icrisatsc@cgiar.org
        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
```