

***Data Set Number 184: Position of neutron probe access tubes placed in 2003 in the Fakara multilocation experiment (Niger)***

Identification\_Information:

Citation:

Citation\_Information:

Originator: ICRISAT

Publication\_Date: 2005

Title: Position of neutron probe access tubes placed in 2003 in the Fakara multilocation experiment (Niger)

Geospatial\_Data\_Presentation\_Form: vector digital data

Publication\_Information:

Publication\_Place: ICRISAT Niamey

Description:

Abstract: Position of access tubes placed in 2003 for soil moisture measurements on weekly basis with neutron probe

Purpose: Locate soil moisture measurements

Supplemental\_Information: No tube placed in Kodey in 2003.

Subsequent years not mapped but access tubes can be localized by the plot id of the experiment

Time\_Period\_of\_Content:

Time\_Period\_Information:

Range\_of\_Dates/Times:

Beginning\_Date: 2003

Ending\_Date: 2005

Currentness\_Reference: ground condition

Status:

Progress: Complete

Maintenance\_and\_Update\_Frequency: None planned

Spatial\_Domain:

Bounding\_Coordinates:

West\_Bounding\_Coordinate: 2.645102

East\_Bounding\_Coordinate: 2.773013

North\_Bounding\_Coordinate: 13.521467

South\_Bounding\_Coordinate: 13.495916

Keywords:

Theme:

Theme\_Keyword\_Thesaurus: none

Theme\_Keyword: Soil moisture

Theme\_Keyword: Neutron probe

Theme\_Keyword: Water balance

Place:

Place\_Keyword\_Thesaurus: none

Place\_Keyword: Fakara

Place\_Keyword: Dantchandou

Place\_Keyword: Bagoua

Place\_Keyword: Banizoumbou

Place\_Keyword: Fakara

Place\_Keyword: Niger

Place\_Keyword: West Africa

Temporal:

Temporal\_Keyword\_Thesaurus: none

Temporal\_Keyword: 2003

Access\_Constraints: None

Use\_Constraints: Cited when used

Point\_of\_Contact:

Contact\_Information:  
 Contact\_Person\_Primary:  
 Contact\_Person: Bruno Gerard  
 Contact\_Organization: ICRISAT, Universite Catholique de Louvain  
 Contact\_Position: Principal scientist  
 Contact\_Address:  
 Address\_Type: mailing address  
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 Contact\_Electronic\_Mail\_Address: icrisatsc@cgiar.org  
 Contact\_Instructions: Prefer to be contacted by Email  
 Data\_Set\_Credit: Bruno Gerard, Dougbedji Fatondji and Comfort Manayame  
 Native\_Data\_Set\_Environment: Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 9.2.0.1324  
 Data\_Quality\_Information:  
 Positional\_Accuracy:  
 Horizontal\_Positional\_Accuracy:  
 Horizontal\_Positional\_Accuracy\_Report: Reported as attribute in the table  
 Vertical\_Positional\_Accuracy:  
 Vertical\_Positional\_Accuracy\_Report: Reported as attribute in the table  
 Lineage:  
 Process\_Step:  
 Process\_Description:  
 Trimble files were differentially corrected and imported as shape files  
 Projected in UTM31  
 Process\_Date: 2003  
 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: 251  
 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: 0.000000  
     Ordinate\_Resolution: 0.000000  
     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: accesstubes2003  
     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: COMMENT  
       Attribute\_Definition: traitement  
       Attribute\_Definition\_Source: Dougbedji Fatondji  
     Attribute:  
       Attribute\_Label: GPS\_DATE  
       Attribute\_Definition: Date of taking GPS data  
       Attribute\_Definition\_Source: Dougbedji Fatondji  
     Attribute:  
       Attribute\_Label: FEAT\_NAME  
       Attribute\_Definition: Feature name  
       Attribute\_Definition\_Source: Dougbedji Fatondji  
     Attribute:  
       Attribute\_Label: GPS\_HEIGHT  
       Attribute\_Definition: Height of GPS position  
       Attribute\_Definition\_Source: Dougbedji Fatondji  
     Attribute:  
       Attribute\_Label: HORZ\_PREC  
     Attribute:  
       Attribute\_Label: VERT\_PREC  
 Distribution\_Information:  
   Distributor:  
     Contact\_Information:  
       Contact\_Organization\_Primary:  
         Contact\_Organization: ICRISAT  
         Contact\_Person: Bruno Gerard  
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Country: Belgium  
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Contact\_Instructions: Prefer mailing contact  
Resource\_Description: Position of neutron probe access tubes placed  
in 2003 in the Fakara multilocation experiment  
Standard\_Order\_Process:  
Digital\_Form:  
Digital\_Transfer\_Information:  
Format\_Name: Microsoft Office Excel  
Transfer\_Size: 0.007  
Metadata\_Reference\_Information:  
Metadata\_Date: 20070130  
Metadata\_Contact:  
Contact\_Information:  
Contact\_Person\_Primary:  
Contact\_Person: AMADOU M.Laouali  
Contact\_Organization: ICRISAT  
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Address\_Type: mailing and physical address  
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State\_or\_Province:  
Postal\_Code:  
Country: Niger  
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Contact\_Instructions: Prefer to be contacted by Email  
Metadata\_Standard\_Name: FGDC Content Standards for Digital Geospatial  
Metadata  
Metadata\_Standard\_Version: FGDC-STD-001-1998  
Metadata\_Time\_Convention: local time  
Metadata\_Security\_Information:  
Metadata\_Security\_Classification: Unclassified  
Metadata\_Extensions:  
Online\_Linkage: <http://www.esri.com/metadata/esriprof80.html>  
Profile\_Name: ESRI Metadata Profile