

Data Set Number 208: False color Ikonos Image of the Fakara

Identification_Information:

Citation:

Citation_Information:

Originator: Space Imaging (2000)
Publication_Date: 20000101
Title: False color Ikonos Image of the Fakara
Geospatial_Data_Presentation_Form: remote-sensing image
Online_Linkage: \\ENGE-FROUFROU\LACIE
(F)\metadata_fakara\Ikonos\po_49488_fc.tif

Description:

Abstract: High Resolution Ikonos false color IR image of an are of 11x11 km covering Tigo-Tegui, Bagoua in the Fakara Niger taken on 11 September 2000

Purpose: Land use mapping

Supplemental_Information:

Metadata from Space Imaging text file:

Product Order Number: 49488
Customer Project Name: 1007Niamey_Niger
Product Order Area (Geographic Coordinates)
Number of Coordinates: 4
Coordinate: 1
Latitude: 13.46893000 degrees
Longitude: 2.73634000 degrees
Coordinate: 2
Latitude: 13.56831000 degrees
Longitude: 2.73634000 degrees
Coordinate: 3
Latitude: 13.56831000 degrees
Longitude: 2.83795000 degrees
Coordinate: 4
Latitude: 13.46893000 degrees
Longitude: 2.83795000 degrees
Product Order Area (Map Coordinates)
Coordinate: 1
Map X (Easting): 471474.72 meters
Map Y (Northing): 1499999.77 meters
Coordinate: 2
Map X (Easting): 482467.90 meters
Map Y (Northing): 1499990.19 meters
Coordinate: 3
Map X (Easting): 482460.63 meters
Map Y (Northing): 1488999.65 meters
Coordinate: 4
Map X (Easting): 471462.89 meters
Map Y (Northing): 1489009.16 meters
Sensor Type: Satellite
Processing Level: Standard Geometrically Corrected
Image Type: MSI
Interpolator Method: Bicubic
Multispectral Algorithm: None
Stereo: Mono
Mosaic: No
Map Projection: Universal Transverse Mercator

UTM Specific Parameters

Hemisphere: N
Zone Number: 31
Datum: WGS84
Product Order Pixel Size: 4.00 meters
MTFC Applied: Yes
DRA Applied: No
Media: CD
File Format: GeoTIFF
TIFF Tiled: No
Bits per Pixel per Band: 8 bits per pixel
Multispectral Files: Separate Files
Special Instructions: NA

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Source Image Metadata

Number of Source Images: 1
Source Image ID: 2000091110103070000011607393
Product Image ID: 000
Sensor: IKONOS-2
Acquired Nominal GSD
Cross Scan: 1.04 meters
Along Scan: 1.31 meters
Scan Direction: 0 degrees
Nominal Collection Azimuth: 12.6339 degrees
Nominal Collection Elevation: 50.78595 degrees
Sun Angle Azimuth: 108.9467 degrees
Sun Angle Elevation: 64.84592 degrees
Acquisition Date/Time: 2000-09-11 10:10

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Product Space Metadata

Number of Image Tiles: 1
X Tiles: 1
Y Tiles: 1
Product MBR Geographic Coordinates
Number of Coordinates: 4
Coordinate: 1
Latitude: 13.56830988 degrees
Longitude: 2.73623072 degrees
Coordinate: 2
Latitude: 13.56839665 degrees
Longitude: 2.83796835 degrees
Coordinate: 3
Latitude: 13.46890407 degrees
Longitude: 2.83803556 degrees
Coordinate: 4
Latitude: 13.46881797 degrees
Longitude: 2.73634012 degrees
Product Map Coordinates
UL Map X (Easting): 471464.39 meters
UL Map Y (Northing): 1499998.27 meters
Pixel Size X: 4.00 meters

Pixel Size Y: 4.00 meters
Columns: 2752 pixels
Rows: 2751 pixels

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Product Component Metadata

Number of Components: 1
Tile ID: 0000000
Product Image ID: 000
Tile File Name: po_49488_red_0000000.tif po_49488_grn_0000000.tif
po_49488_blu_0000000.tif po_49488_nir_0000000.tif
Tile Geographic Corner Coordinates
Number of Coordinates: 4
Coordinate: 1
Latitude: 13.56830988 degrees
Longitude: 2.73623072 degrees
Coordinate: 2
Latitude: 13.56839665 degrees
Longitude: 2.83796835 degrees
Coordinate: 3
Latitude: 13.46890407 degrees
Longitude: 2.83803556 degrees
Coordinate: 4
Latitude: 13.46881797 degrees
Longitude: 2.73634012 degrees
Tile Map Coordinates
UL Map X (Easting): 471464.39 meters
UL Map Y (Northing): 1499998.27 meters
Pixel Size X: 4.00 meters
Pixel Size Y: 4.00 meters
Columns: 2752 pixels
Rows: 2751 pixels

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Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 20000911
Time_of_Day: 10:10
Currentness_Reference: ground condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: None planned
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: 2.736226
East_Bounding_Coordinate: 2.838040
North_Bounding_Coordinate: 13.568401
South_Bounding_Coordinate: 13.468813
Keywords:
Theme:
Theme_Keyword_Thesaurus: None
Theme_Keyword: Ikonos
Theme_Keyword: High resolution imagery
Theme_Keyword: IR

Theme_Keyword: infrared
 Theme_Keyword: vegetation
 Place:
 Place_Keyword_Thesaurus: None
 Place_Keyword: Fakara
 Place_Keyword: Niger
 Place_Keyword: Sahel
 Place_Keyword: West Africa
 Place_Keyword: Africa
 Temporal:
 Temporal_Keyword_Thesaurus: None
 Temporal_Keyword: 2000
 Access_Constraints: Restricted to ICRISAT (Copyright)
 Use_Constraints: Restricted to ICRISAT (Copyright)
 Point_of_Contact:
 Contact_Information:
 Contact_Organization_Primary:
 Contact_Organization: Space Imaging
 Contact_Address:
 Address_Type: mailing address
 Address: 12076 Grant Street
 City: Thornton
 State_or_Province: Colorado
 Postal_Code: 80241
 Country: USA
 Contact_Voice_Telephone: (U.S.A.): 1.800.232.9037
 Contact_Voice_Telephone: (World Wide): 301.552.0537
 Contact_Facsimile_Telephone: 301.552.376
 Hours_of_Service: Monday - Friday, 7:00am - 11:00pm Eastern
 Standard Time
 Data_Set_Credit: Ikonos Space Imaging
 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
 Cross_Reference:
 Citation_Information:
 Originator: Thornton, CO
 Publication_Date: 20001130
 Title: IKONOS scene po-37836, Level Standard Geometrically Corrected, Space Imaging/GeoEye,
 Geospatial_Data_Presentation_Form: raster digital data
 Other_Citation_Details: GeoEye owns all IKONOS imagery. Access is provided here for education or research purposes only. Users must credit GeoEye when using this imagery.
 Online_Linkage:
 <http://glcf.umiacs.umd.edu/data/ikonos/index.shtml>
 Data_Quality_Information:
 Lineage:
 Process_Step:
 Process_Description: Color compositing realized in Envi software from original IR, red and green band received from Space Imaging
 Process_Contact:
 Contact_Information:
 Contact_Person_Primary:
 Contact_Person: Bruno Gerard
 Contact_Organization: ICRISAT

Contact_Position: Senior Scientist
 Contact_Electronic_Mail_Address: b.gerard@cgiar.org
 Contact_Electronic_Mail_Address: gerard@enge.ucl.ac.be

Spatial_Data_Organization_Information:
 Direct_Spatial_Reference_Method: Raster
 Raster_Object_Information:
 Raster_Object_Type: Pixel
 Row_Count: 2751
 Column_Count: 2752
 Vertical_Count: 1

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: row and column
 Coordinate_Representation:
 Abscissa_Resolution: 4.000000
 Ordinate_Resolution: 4.000000
 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

Distribution_Information:
 Resource_Description: IKONOS Imagery
 Distribution_Liability:
 Standard_Order_Process:
 Digital_Form:
 Digital_Transfer_Information:
 Transfer_Size: 0.000

Metadata_Reference_Information:
 Metadata_Date: 20070208
 Metadata_Contact:
 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_Electronic_Mail_Address: icrisatsc@cgiar.org
 Contact_Instructions: <http://www.icrisat.org/>
 Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Extensions:
 Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>
 Profile_Name: ESRI Metadata Profile