Data Set Number 207: 3 arc second (90 meter) Digitial Elevation Model from Shuttle Radar Topography Mission (SRTM) for Path192 Row 052

```
Identification_Information:
  Citation:
    Citation_Information:
      Originator: USGS National Center for Earth Resources Observation
& Science (EROS)
      Publication_Date: 19950101
      Title: Georeference Corona Image of the Fakara (Niger, 1995)
      Geospatial_Data_Presentation_Form: remote-sensing image
      Publication_Information:
        Publication_Place: Sioux Falls, South Dakota, USA
        Publisher: USGS National Center for Earth Resources Observation
& Science (EROS)
      Online_Linkage: \\ENGE-
FROUFROU\F\metadata_fakara\Corrona\corona_fakara_ds1018_52.tif
  Description:
    Abstract: On February 24, 1995, President Clinton signed an
Executive
      Order, directing the declassification of intelligence
      imagery acquired by the first generation of United States
      photo-reconnaissance satellites, including the systems
      code-named CORONA, ARGON, and LANYARD.  More than 860,000
      images of Earth's surface, collected between 1960 and
      1972, were declassified with the issuance of this
      Executive Order. The National Archives and Records
      Administration (NARA) was given the responsibility for the
      original film and provide access to a duplicate copy for
      public viewing of the film. The USGS was also provided a
      dupe copy to support science products. Both NARA and the
      USGS provide access and product support for Declass-1
      collection.
      Online requests for these data can be placed via the Earth
      Explorer interactive query system.
      Image was scanned at Agrhymet and georeferenced by D. Bakary and
B. Gerard
    Purpose: Use in this context to estimate landuse pattern in 1965
      The Declassified Image collection was driven, in part, by
      the need to confirm purported developments in then-Soviet
      strategic missile capabilities.  The images also were used
      to produce maps and charts for the Department of Defense
      and for other Federal Government mapping programs. The
      CORONA system provided a cost effective method to map the
      earth from space with stereo-optical images. CORONA
      demonstrated that the ability to adapt rapidly to a
      changing world is critical to the success of U.S.
      intelligence.  This need to adapt grows even more acute as
      the pace of technological advancement increases.  Data
      provided by CORONA offers beneficial information for
      environmentalists, scientists, scholars, and historians.
    Supplemental_Information: In addition to the images, documents and
reports
      (collateral information) are available, pertaining to
      frame ephemeris data, orbital ephemeris data, and mission
      performance.  Document availability varies by mission;
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    documentation was not produced for unsuccessful missions.

    Corner coordinate data is a critical component of the
    index information. Accuracy in locating corner coordinates
    varies according to how coordinates were derived and
    according to the accuracy of information used for the
    derivation. As a general rule, metadata corner points have
    errors less than 10 miles from their actual ground
    positions for the CORONA and LANYARD systems, and less
    than 50 miles for the ARGON system. After a search of the
    metadata, the user should inspect the browse image and its
    immediate neighbors in the image series for the point of
    interest before placing an order.  For example, each
    CORONA image is about 10 miles wide and looking at three
    consecutive images in a series will compensate for 10 mile
    errors in cornerpoint locations.  Also, the use of browse
    imagery allows the user to review a reduced resolution
    image to determine whether or not a specific site is
    contained in the selected frame.  Check the following
    links for further information:

    Declassified Satellite Imagery - 1 Fact Sheet
Time_Period_of_Content:
  Time_Period_Information:
    Single_Date/Time:
      Calendar_Date: 19650329
  Currentness_Reference: ground condition
Status:
  Progress: Complete
  Maintenance_and_Update_Frequency: None planned
Spatial_Domain:
  Bounding_Coordinates:
    West_Bounding_Coordinate: 2.292472
    East_Bounding_Coordinate: 2.921116
    North_Bounding_Coordinate: 13.614442
    South_Bounding_Coordinate: 13.321138
Keywords:
  Theme:
    Theme_Keyword_Thesaurus: None
    Theme_Keyword: DECLASSIFIED
    Theme_Keyword: PANORAMIC CAMERA
    Theme_Keyword: PHOTOGRAPHY
    Theme_Keyword: ARGON
    Theme_Keyword: ENVIRONMENTAL
    Theme_Keyword: LANYARD
    Theme_Keyword: USGS
    Theme_Keyword: SATELLITE
    Theme_Keyword: EDC
    Theme_Keyword: EROS
    Theme_Keyword: PHOTOGRAPHS
    Theme_Keyword: CARTOGRAPHIC CAMERA
    Theme_Keyword: PHOTO-RECONNAISSANCE
    Theme_Keyword: Visible Imagery
    Theme_Keyword: Infrared Imagery
    Theme_Keyword: CORONA
    Theme_Keyword: IMAGERY
    Theme_Keyword: Wavelengths
```

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    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: 1995
  Access_Constraints: None
  Use_Constraints: None
  Point_of_Contact:
    Contact_Information:
      Contact_Person_Primary:
        Contact_Organization:
  Browse_Graphic:
    Browse_Graphic_File_Type: JPEG
  Security_Information:
    Security_Classification_System: none
    Security_Classification: Unclassified
    Security_Handling_Description: none
  Native_Data_Set_Environment: Microsoft Windows XP Version 5.1 (Build
2600) Service Pack 2; ESRI ArcCatalog 9.2.0.1324
Data_Quality_Information:
  Logical_Consistency_Report: Not available
  Completeness_Report:
    These images were retrieved under rigid quality control and
    product specifications.
  Lineage:
    Source_Information:
      Source_Citation:
        Citation_Information:
          Originator: U.S. Geological Survey
          Publication_Date: 19650329
          Title: DECLASSIFIED SATELLITE PHOTOGRAPHY: DS1018-1059DA051
          Geospatial_Data_Presentation_Form: Remote-sensing image
          Publication_Information:
            Publication_Place: Sioux Falls, South Dakota, USA
            Publisher: U.S. Geological Survey
          Online_Linkage: http://earthexplorer.usgs.gov
      Source_Time_Period_of_Content:
        Source_Currentness_Reference: ground condition
      Source_Citation_Abbreviation: Declass-1
    Process_Step:
      Process_Description: This  image collection was produced under
strict
        military guidelines and initally used to produce maps
        and charts, providing stereo-optical coverage of
        selected areas, for the U.S. Department of Defense.
      Process_Date: Unknown
    Process_Step:
      Process_Description: Film scanned at Agrhymet and image
georeferenced. Further rubbersheeting was performed using
orthorectified pan-sharpened Spot 5 image
    Process_Step:
```

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      Process_Description: Metadata imported from USGS web site and
edited
      Process_Contact:
        Contact_Information:
          Contact_Person_Primary:
            Contact_Person: Bruno Gerard
            Contact_Organization: ICRISAT
  Cloud_Cover: 40
Spatial_Data_Organization_Information:
  Direct_Spatial_Reference_Method: Raster
  Raster_Object_Information:
    Raster_Object_Type: Pixel
    Row_Count: 8236
    Column_Count: 17321
    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: 3.925354
          Ordinate_Resolution: 3.925354
        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:
  Distributor:
    Contact_Information:
      Contact_Organization_Primary:
        Contact_Organization: USGS National Center for Earth Resources
Observation & Science (EROS)
        Contact_Person: Service Coordinator
      Contact_Position: Service Coordinator
      Contact_Address:
        Address_Type: mailing and physical address
        Address: Customer Services, USGS National Center for Earth
Resources Observation & Science (EROS)
        City: Sioux Falls
        State_or_Province: SD
        Postal_Code: 57198-0001
        Country: USA
      Contact_Voice_Telephone: +001 605-594-6151 or U.S. toll free: 1-
800-252-4547
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      Contact_Facsimile_Telephone: +001 605-594-6589
      Contact_Electronic_Mail_Address: custserv@usgs.gov
      Hours_of_Service: 0800 - 1600 CT, M-F, -6 h GMT
      Contact_Instructions: Online Ordering: Once you have selected the
image of your choice online via the EarthExplorer system at
<http://earthexplorer.usgs.gov> , Contact Customer Services at the USGS
National Center for Earth Resources Observation & Science (EROS)
<http://e
  Resource_Description: Georeference Corona Image of the Fakara (Niger,
1995)
  Distribution_Liability: Although these data have been processed
successfully on a computer system at the USGS, no warranty expressed or
implied is made by the USGS regarding the use of the data on any other
system, nor does the act of distribution constitute any such warran
  Standard_Order_Process:
    Digital_Form:
      Digital_Transfer_Information:
        Transfer_Size: 0.000
    Fees: Product media formats, pricing and shipping information are
available at: <http://edcsns17.cr.usgs.gov/helpdocs/prices.html>
    Ordering_Instructions: Online Ordering: Once you have selected the
image of your choice via the EarthExplorer system at
<http://earthexplorer.usgs.gov> , Contact Customer Services at the USGS
National Center for Earth Resources Observation
    Turnaround: Delivery Times
  Custom_Order_Process: You may also order directly from this site.
  Technical_Prerequisites: Adequate computer capability is the only
technical prerequisite for viewing data in digital form.
Metadata_Reference_Information:
  Metadata_Date: 20070207
  Metadata_Contact:
    Contact_Information:
      Contact_Organization_Primary:
        Contact_Organization: USGS National Center for Earth Resources
Observation & Science (EROS)
      Contact_Position: Archive Management
      Contact_Address:
        Address_Type: mailing and physical address
        Address: Archive Management, USGS National Center for Earth
Resources Observation & Science (EROS)
        City: Sioux Falls
        State_or_Province: SD
        Postal_Code: 57198-0001
        Country: USA
      Contact_Voice_Telephone: +001 605-594-6594 or U.S. toll free: 1-
800-252-4547
      Contact_Facsimile_Telephone: +001 605-594-6953
      Contact_Electronic_Mail_Address: meta@usgs.gov
      Hours_of_Service: 0800 - 1600 CT, M-F, -6 h GMT
  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: None
  Metadata_Security_Information:
    Metadata_Security_Classification_System: None
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  Metadata_Security_Classification: Declassified
  Metadata_Security_Handling_Description: None
Metadata_Extensions:
  Online_Linkage: http://www.esri.com/metadata/esriprof80.html
  Profile_Name: ESRI Metadata Profile
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