

Identification_Information:

Citation:

Citation_Information:

Originator: U.S. Geological Survey

Publication_Date: 2009, V.2.0 2009

Publication_Time: Unknown

Title: Digital Shaded-Relief Map of Venezuela (3-arc-second SRTM data)

Edition: 2.0

Geospatial_Data_Presentation_Form: raster digital data

Series_Information:

Series_Name: Open-File Report

Issue_Identification: 2009–1322 (supersedes version published in 2004)

Publication_Information:

Publication_Place: Reston, VA

Publisher: U.S. Geological Survey

Online_Linkage: <http://pubs.usgs.gov/of/2004/1322/>

Description:

Abstract: The NASA Shuttle Radar Topographic Mission (SRTM) has provided digital elevation data for over 80% of the globe. Datasets used for this publication are currently available through the CGIAR Consortium for Spatial Information (<http://srtm.csi.cgiar.org/>). The original DEM files have a horizontal resolution of 3 arc-seconds (approximately 90x90 m). Unprocessed data is currently distributed free of charge by USGS and is available for download from the National Map Seamless Data Distribution System (<http://seamless.usgs.gov/>), or the USGS ftp site (<http://dds.cr.usgs.gov/srtm/>).

Purpose: This publication was intended to accompany U.S. Geological Survey Open-File Report 2005–1038 (<http://pubs.usgs.gov/of/2005/1038/>) and U.S. Geological Survey Data Series 199 (<http://pubs.usgs.gov/ds/2006/199/>).

Supplemental_Information: See U.S. Geological Survey Open-File Report 2005–1038 (<http://pubs.usgs.gov/of/2005/1038/>) and U.S. Geological Survey Data Series 199 (<http://pubs.usgs.gov/ds/2006/199/>).

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 2000

Time_of_Day: unknown

Currentness_Reference: ground condition

Status:

Progress: Planned

Maintenance_and_Update_Frequency: As needed

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -73.420221

East_Bounding_Coordinate: -59.752735
North_Bounding_Coordinate: 12.304537
South_Bounding_Coordinate: 0.598813

Keywords:

Theme:

Theme_Keyword_Thesaurus: None
Theme_Keyword: Shaded Relief
Theme_Keyword: DEM
Theme_Keyword: Elevation
Theme_Keyword: Relief
Theme_Keyword: Topography
Theme_Keyword: Terrain Elevation
Theme_Keyword: 3-arc-second DEM
Theme_Keyword: USGS
Theme_Keyword: SRTM
Theme_Keyword: Hillshade

Theme:

Theme_Keyword_Thesaurus: ISO 19115 Topic Category
Theme_Keyword: Geoscientific Information

Place:

Place_Keyword: Venezuela

Access_Constraints: None

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Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Christopher P. Garrity
Contact_Organization: U.S. Geological Survey, Eastern Energy Resource Team
Contact_Address:

Address_Type: mailing and physical address
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Country: USA
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Hours_of_Service: 9:00 a.m. - 6:00 p.m.
Contact_Instructions: Preferred contact method is electronic mail.

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 3; ESRI ArcCatalog 9.2.6.1500

Data_Quality_Information:

Attribute_Accuracy:
Attribute_Accuracy_Report: See Vertical Accuracy.

Logical_Consistency_Report: None

Completeness_Report: None.

Positional_Accuracy:

Horizontal_Positional_Accuracy:
Horizontal_Positional_Accuracy_Report: The mission objective is to produce digital topographic map products with ≤ 20 m absolute horizontal circular accuracy. All accuracies are quoted at the 90% level, consistent with National Map Accuracy Standards.

Vertical_Positional_Accuracy:

Vertical_Positional_Accuracy_Report: The mission objective is to produce digital topographic map products with ≤ 16 m absolute vertical height accuracy and ≤ 10 m relative vertical height accuracy. All accuracies are quoted at the 90% level, consistent with National Map Accuracy Standards.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: Jarvis, A.
Originator: Reuter, H.I.
Originator: Nelson, A.
Originator: Guevara, E.
Publication_Date: 2008
Publication_Time: Unknown
Title: Hole-filled seamless SRTM data V4, International Centre for Tropical Agriculture (CIAT)

Edition: V4
Geospatial_Data_Presentation_Form: raster digital data
Series_Information:
 Series_Name: Hole-filled seamless SRTM data
 Issue_Identification: V4
Publication_Information:
 Publisher: <http://srtm.csi.cgiar.org>
 Online_Linkage: <http://srtm.csi.cgiar.org>
Source_Scale_Denominator: 3 arc-second (approx. 90-m resolution)
Type_of_Source_Media: online
Source_Time_Period_of_Content:
 Time_Period_Information:
 Single_Date/Time:
 Calendar_Date: 2008
 Source_Currentness_Reference: publication date
Process_Step:
 Process_Description: The painted relief image was created using data from the Shuttle Radar Topography Mission (SRTM). These same data are currently available through the CGIAR Consortium for Spatial Information (<http://srtm.csi.cgiar.org/>). The original DEM files have a horizontal resolution of 3 arc-seconds (approximately 90x90 m). Data was projected to an equidistant conic projection, having a grid-cell size of ~90 m. Elevation data were clipped to coastline boundaries digitized from 1:500,000-scale geologic maps of Venezuela.

 Process_Date: 2008
Process_Contact:
 Contact_Information:
 Contact_Person_Primary:
 Contact_Person: Christopher P. Garrity
 Contact_Organization: U.S. Geological Survey
 Contact_Position: Cartographer
 Contact_Address:
 Address_Type: mailing and physical address
 Address: 12201 Sunrise Valley Drive
 Address: Mail Stop 956
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 Postal_Code: 20192
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 Contact_TDD/TTY_Telephone: 703-648-6426
 Contact_Facsimile_Telephone: 703-648-6419
 Contact_Electronic_Mail_Address: cgarrity@usgs.gov
 Hours_of_Service: 9:00 a.m. - 6:00 p.m.
 Contact_Instructions: Preferred contact method is electronic mail.
Cloud_Cover: N/A

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Raster

Raster_Object_Information:

Raster_Object_Type: Grid Cell

Row_Count: 13864

Column_Count: 16062

Vertical_Count: 1

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Map_Projection:

Map_Projection_Name: Equidistant Conic

Equidistant_Conic:

Standard_Parallel: 4.000000

Standard_Parallel: 9.000000

Longitude_of_Central_Meridian: -66.000000

Latitude_of_Projection_Origin: 0.000000

False_Easting: 0.000000

False_Northing: 0.000000

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: row and column

Coordinate_Representation:

Abscissa_Resolution: 92.956934

Ordinate_Resolution: 92.956934

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: ven_srtm_90m.vat

Entity_Type_Definition: Value attribute table.

Attribute:

Attribute_Label: Rowid

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: VALUE

Attribute_Definition: Elevation value in meters.

Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: -47

Range_Domain_Maximum: 4912

Attribute_Units_of_Measure: Meter

Attribute:

Attribute_Label: COUNT

Attribute_Definition: Number of cells with corresponding elevation value.

Distribution_Information:

Distributor:

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Contact_Organization_Primary:

Contact_Organization: USGS Information Services

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Address_Type: mailing and physical address

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Resource_Description: U.S. Geological Survey Open-File Report 2004-1322

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Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: ESRI GRID
Transfer_Size: 141.494
Digital_Transfer_Option:
Online_Option:
Computer_Contact_Information:
Network_Address:
Network_Resource_Name:
Online_Computer_and_Operating_System: Windows XP

Fees: None

Ordering_Instructions: <http://pubs.usgs.gov/of/2004/1322/>

Turnaround: N/A

Custom_Order_Process:

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Box 25286
Denver, CO 80225

Metadata_Reference_Information:

Metadata_Date: 20090219

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: U.S. Geological Survey

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Address_Type: mailing and physical address

Address: 12201 Sunrise Valley Drive, MS 956

City: Reston

State_or_Province: VA

Postal_Code: 20192

Contact_Voice_Telephone: (703) 648-6426

Contact_Facsimile_Telephone: (703) 648-6419

Contact_Electronic_Mail_Address: cgarrity@usgs.gov

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Extensions:

Metadata_Extensions:

Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>

Profile_Name: ESRI Metadata Profile