LRO Diviner Surface Temp Avg S Pole, Color

Metadata also available as

Metadata:

- [Identification_Information](#)
- [Spatial_Data_Organization_Information](#)
- [Spatial_Reference_Information](#)
- [Metadata_Reference_Information](#)

Identification_Information:

   Citation:

      Citation_Information:

         Originator: University of California, Los Angeles (UCLA)
         Publication_Date: 20110615
         Title: LRO Diviner Surface Temp Avg S Pole, Color
         Online_Linkage: [<http://diviner.ucla.edu/>](http://diviner.ucla.edu/)
         Online_Linkage: [<http://diviner.ucla.edu/docs/fulltext.pdf>](http://diviner.ucla.edu/docs/fulltext.pdf)
         Larger_Work_Citation:

            Citation_Information:

               Originator: Lunar Mapping and Modeling Project (LMMP)
               Publication_Date: 20110815
               Title: LRO_Diviner_Temp_Avg_Clr_SPole80_135mp.tif
               Edition: 1
               Geospatial_Data_Presentation_Form: raster digital data
               Publication_Information:

                  Publication_Place: Pasadena, CA
                  Publisher: Jet Propulsion Laboratory (JPL)

               Online_Linkage: [<http://www.lmmp.nasa.gov>](http://www.lmmp.nasa.gov)

   Description:

      Abstract:
         Diviner will characterize temperature variations as a function of latitude, longitude, time of day and season. Diviner will have the capability to make accurate radiometric measurements for the warmest and coldest surfaces on the planet, as well as simultaneous measurements of broadband solar reflectance. The Diviner dataset should be sufficiently complete to allow confident prediction of lunar surface temperatures in daytime, nighttime and polar thermal environments.
      Purpose: Provide averaged temperature maps of the polar regions.

   Time_Period_of_Content:

      Time_Period_Information:

         Range_of_Dates/Times:

Beginning_Date: 20090915
Ending_Date: 20100617

Currentness_Reference: ground condition

Status:

Progress: Complete
Maintenance_and_Update_Frequency: None planned

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -179.999
East_Bounding_Coordinate: 180.00
North_Bounding_Coordinate: -80.0
South_Bounding_Coordinate: -90.0

Keywords:

Theme:

Theme_Keyword_Thesaurus:
   <http://www.lmmp.nasa.gov/redmine/projects/lmmpwiki/wiki/Glossary>
Theme_Keyword: LRO
Theme_Keyword: Diviner
Theme_Keyword: Regolith Surface Temperature Average (avg)
Theme_Keyword: South Pole
Theme_Keyword: Radiometer Thermal Radiation emitted

Place:

Place_Keyword_Thesaurus:
   <http://www.lmmp.nasa.gov/redmine/projects/lmmpwiki/wiki/Glossary>
Place_Keyword: The Moon
Place_Keyword: Earth

Access_Constraints: None
Use_Constraints: None
Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: University of California, Los Angeles (UCLA)
Contact_Person: Dr. David Paige

Contact_Address:

Address_Type: mailing address
Address:
   4710 Geology Department of Earth and Space Sciences University of
   California, Los Angeles 595 Charles Young Drive East, Box 951567
City: Los Angeles
State_or_Province: CA
Postal_Code: 90095-1567
Country: USA

Browse_Graphic:

Browse_Graphic_File_Name: LRO_Diviner_Temp_Avg_Clr_SPole80_135mp_legend.png
Browse_Graphic_File_Description:
LRO Diviner Temperature Average Color Mosaic South Pole 80 deg 135mp legend
Browse_Graphic_File_Type: PNG

Data_Set_Credit: University of California, Los Angeles (UCLA)

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Raster
Raster_Object_Information:

Raster_Object_Type: Pixel
Row_Count: 4500
Column_Count: 4500
Vertical_Count: 1

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Map_Projection:

Map_Projection_Name: Polar Stereographic
Polar_Stereographic:

Straight-Vertical_Longitude_from_Pole: 0
Standard_Parallel: 90
False_Easting: 0
False_Northing: 0

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: row and column
Coordinate_Representation:

Abscissa_Resolution: 135
Ordinate_Resolution: 135

Planar_Distance_Units: meters

Geodetic_Model:

Ellipsoid_Name: Moon 2000
Semi-major_Axis: 1737400.0
Denominator_of_Flattening_Ratio: 1.0e+10

Vertical_Coordinate_System_Definition:

Altitude_System_Definition:

Altitude_Datum_Name: Moon 2000
Altitude_Resolution: 1
Altitude_Distance_Units: Meters
Altitude_Encoding_Method:
Explicit elevation coordinate included with horizontal coordinates

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Metadata_Reference_Information:

Metadata_Date: 20110815
Metadata_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Kacie Shelton

Contact_Address:

Address_Type: mailing and physical
Address: Jet Propulsion Laboratory 4800 Oak Grove Drive
City: Pasadena
State_or_Province: CA
Postal_Code: 91109

Contact_Voice_Telephone: 818-393-5341
Contact_Electronic_Mail_Address: Kacie.Shelton@jpl.nasa.gov

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998