

Site Name: Lunar south pole
Created on: 9 April 2013

Tar file created with the following command

```
tar -cvzf  
  usgs_dem_lunar_south_pole_LROC_NAC_4m_20130408.tar  
  usgs_dem_lunar_south_pole_LROC_NAC_4m_20130408/
```

du -sh

```
1.3G usgs_dem_lunar_south_pole_LROC_NAC_4m_20130408  
591M usgs_dem_lunar_south_pole_LROC_NAC_4m_20130408.tar – compressed tar file saves 700 MB
```

Created by: Mark Rosiek, USGS, Flagstaff AZ

Images used:

M139709342LE	M139709342RE	M139716114LE	M139716114RE	M139722912LE	M139722912RE
M139797542LE	M139797542RE	M139811097LE	M139811097RE	M139817894LE	M139817894RE
M139838246LE	M139838246RE	M139845019LE		M139851816LE	M139851816RE
M139872173LE	M139872173RE	M139878946LE	M139878946RE	M139885744LE	M139885744RE
M140849369LE	M140849369RE	M140856145LE	M140856145RE	M140862941LE	M140862941RE
M140869717LE	M140869717RE	M140876512LE	M140876512RE	M140883298LE	M140883298RE
M140890072LE	M140890072RE	M140903652LE	M140903652RE	M140917211LE	M140917211RE
M140924004LE	M140924004RE	M140937561LE	M140937561RE	M140944356LE	M140944356RE
M141344664LE	M141344664RE	M141351434LE	M141351434RE	M141358234LE	M141358234RE
M141378588LE	M141378588RE	M141385360LE	M141385360RE	M141392159LE	M141392159RE
M141405746LE	M141405746RE	M141412504LE	M141412504RE	M141419303LE	M141419303RE
M141426110LE	M141426110RE	M141432879LE	M141432879RE	M141439653LE	M141439653RE
M141446469LE	M141446469RE	M141466812LE	M141466812RE	M141473586LE	M141473586RE
M141480404LE	M141480404RE				

Post spacing: 4m

Orthomosaic: none available

Horizontal accuracy (Polar Stereographic Projection): X ~15 m, Y ~11 m

Vertical accuracy: ~4 m average

Overall RMS: 7.2 m

Products contained in tar file:

```
usgs_dem_lunar_south_pole_LROC_NAC_4m_20130408/  
  .../LPSC_44_MARCH_2013_abstract_2583.pdf  
  .../Lunar South Pole Digital Elevation Models From Lunar.pptx  
  .../USGS_VV_Report_NLSI_LUNAR_SOUTH_POLE_20130412.docx  
  .../USGS_VV_Report_NLSI_LUNAR_SOUTH_POLE_20130412.pdf  
  .../lunar_south_pole_20130408_overview.pdf  
  .../lunar_south_pole_20130408_overview.docx
```

```
usgs_dem_lunar_south_pole_LROC_NAC_4m_20130408/LROC_NAC_DEM/  
  .../slope_legend_LROC_NAC_and_LOLA_generic.png  
  .../hillshade_legend_LROC_NAC_and_LOLA_generic.png  
  .../LROC_NAC_4m_DEM_south_pole.tif  
  .../LROC_NAC_4m_HILLSHADE_south_pole_v1538.tfw  
  .../LROC_NAC_4m_HILLSHADE_south_pole_v1538.tif  
  .../LROC_NAC_4m_SLOPE_south_pole.tfw  
  .../LROC_NAC_4m_SLOPE_south_pole.tif  
  .../LROC_NAC_4m_DEM_south_pole_INFO.txt  
  .../LROC_NAC_4m_HILLSHADE_south_pole_v1538_INFO.txt  
  .../LROC_NAC_4m_SLOPE_south_pole_INFO.txt
```

```
usgs_dem_lunar_south_pole_LROC_NAC_4m_20130408/SOCET_SET_FINAL_REPORTS/
```

.../NOV_LOLA_PTS_VER1_dos.gpf
.../ALL_NEW_CAMERA.atf
.../ALL_NEW_CAMERA.rep

Notes: See USGS_VV_Report_NLSI_LUNAR_SOUTH_POLE_lunar_south_pole_20130412.docx for detailed information about products.

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