

LUNAR RECONNAISSANCE ORBITER CAMERA

PERMANENTLY SHADOWED REGIONS ATLAS

E. Cisneros, A.K. Boyd, H.M. Brown, A.A. Awumah, A.C. Martin, K.N. Paris, J. Leland,
R.Z. Povilaitis, R. Hoppe, L.M. Davis, N.M. Estes, M.S. Robinson, and the LROC Team



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July 6, 2018

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Cover: Oblique view of Shackleton crater permanently shadowed interior (20 km diameter, M1224655261L/R)

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1 Introduction

The Lunar Reconnaissance Orbiter (LRO) spacecraft entered lunar orbit in June of 2009 [Tooley 2010] with the goal of collecting measurements to support future human exploration. LRO carries seven science instruments to obtain the required measurements. Of these instruments, the Lunar Reconnaissance Orbiter Camera (LROC) was designed to characterize regions of interest at both the meter and 100 m scale. One area of scientific interest for the LROC experiment includes permanently shadowed regions (PSRs) [Robinson 2010]. While not designed to image within shadowed regions, the LROC Narrow Angle Camera (NAC) can obtain useful images with long exposure observations of PSRs at times of maximum secondary illumination [Koeber 2013].

Acquisition of NAC PSR observations was refined over several campaigns to optimize the trade-off between signal-to-noise ratio (SNR) and pixel scale, resulting in a comprehensive dataset [Koeber 2014]. A total of 6,108 individual NAC PSR observations with sufficient SNR have been collected from the start of the mission to 1 July 2018.

The atlas presented here is composed of 2,204 unique NAC observations, overlapping 324 PSRs larger than 10 km² from 81° N/S to 90° N/S. At most, the best seven YEAR-Day of Year (DOY) mosaics (specific NAC images from a given day) for each PSR entry are selected for inclusion in the atlas, which potentially excludes some observations to keep the atlas concise. Additionally, each PSR entry includes a context mosaic, associated metadata, a list of additional NAC observations, and comments regarding features of interest are included.

1.1 Observation Constraints

The LROC NAC was designed to image illuminated terrain on the Moon, while the PSR imaging campaign is designed to investigate the reflectance in photon-starved shadowed regions utilizing secondary illumination reflected from nearby Sun-facing topographic facets. The increased exposure time (20x to 80x) leads to elongated pixels in the along-track direction; thus pixel scale is increased compared to typical NAC images (10–40 m/pixel vs. 0.5–2 m/pixel, respectively). The low luminosity (typically 50–100x less than that of nominally illuminated terrain) also results in an increase in the percentage of out-of-field scattered light from nearby illuminated terrain, resulting in diminished contrast within some PSR images. The scattered light results in reflectance offsets between NAC images in mosaicked products. No attempt has been made to correct for this out-of-field scattered light while constructing the mosaics.

Most often, the 12 bit (0–4095) NAC values have sufficient dynamic range to capture details within both illuminated and shadowed terrain. However, increasing the exposure time to capture PSRs sometimes results in saturation of illuminated terrain. The saturated pixels “bleed” signal in the cross-track direction, leading to an increase in the background DN values of the shadowed areas bordering illuminated terrain (Figure 1a). The affected areas are masked using an I/F threshold (>0.005) and omitted from the PSR NAC observations shown in the Atlas (Figure 1b).

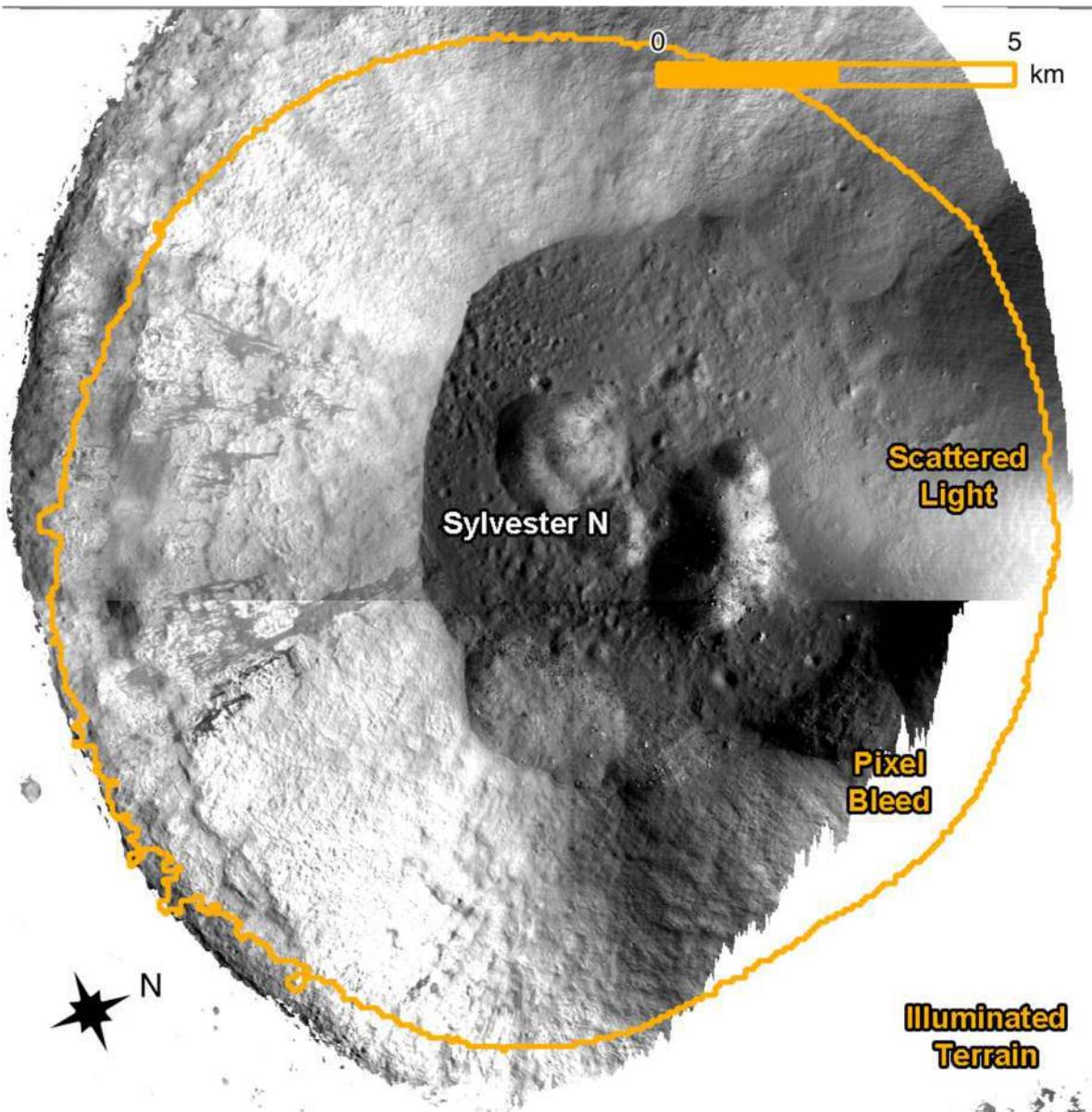


Figure 1a. Out-of-field scattered light can be seen on the floor of Sylvester N crater, while illuminated terrain is outside of the PSR. Pixel bleed due to saturation can be seen at the NE edge of the PSR.

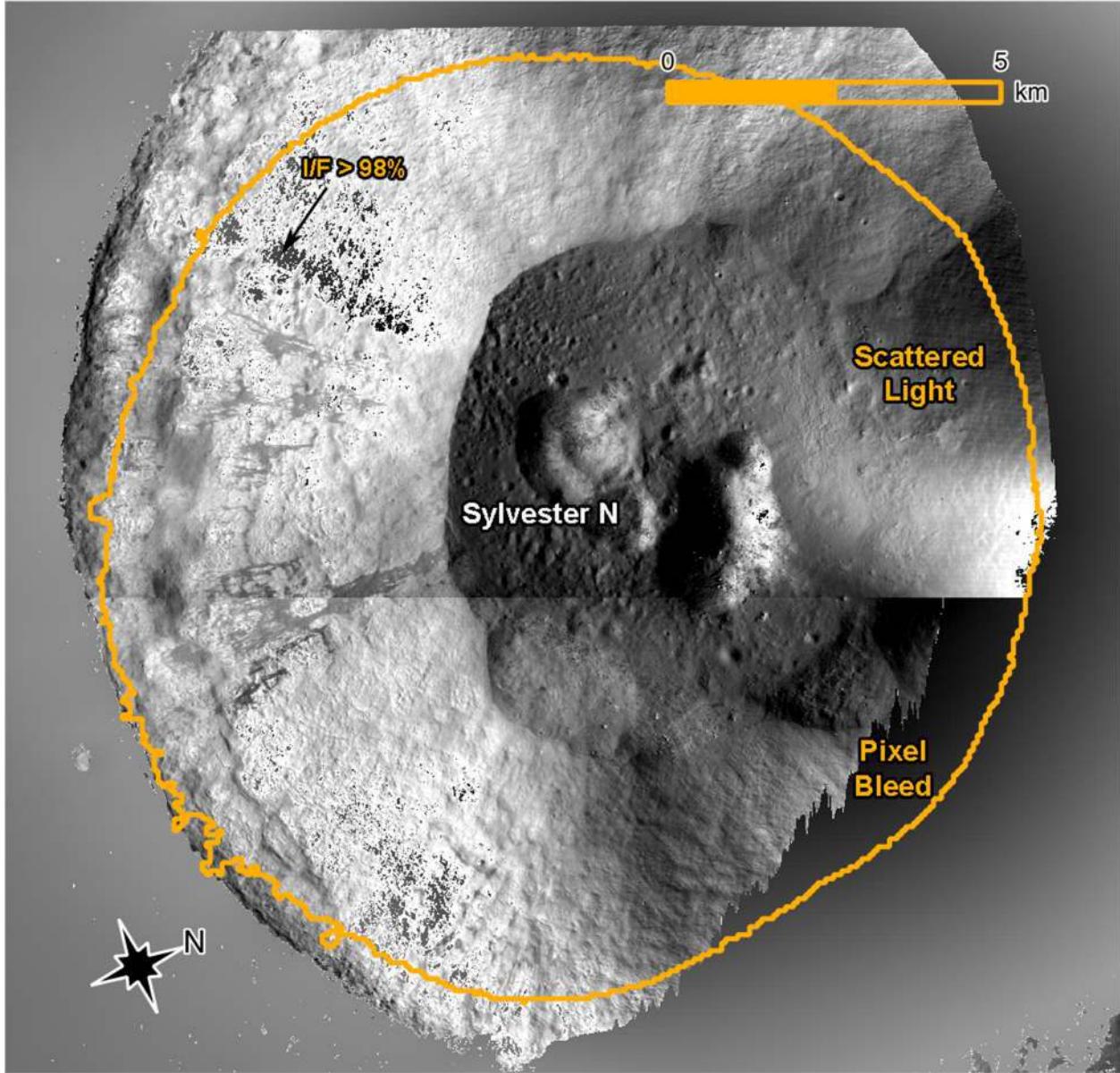


Figure 1b. Valid pixels inside the PSR are used to determine 2% and 98% percentiles. Values above this range in the image are omitted and values below this range are set to zero in each image for the NAC PSR Atlas.

2 Data Processing

As NAC PSR observations are acquired and delivered to the LROC Science Operations Center (SOC), automated processing generates Planetary Data System (PDS) Experiment Data Record (EDR) products for release and archive. The NAC observations tagged as part of the PSR campaigns are further processed from Level 0 to Level 3 data products [NASA 2009], utilizing routines from the Integrated Software for Imagers and Spectrometers (ISIS) software suite [Becker 2013; Anderson 2004]. Post-processing evaluation is performed using QGIS [QGIS 2015], which allows loading of individual observations for comparison with LOLA topography [Neumann 2016] and LOLA PSR

boundary shapefiles [Mazarico 2011]. Resulting NAC observations are then qualitatively reviewed to determine the YEAR-DOY mosaics with the most sufficient SNR. The seven best YEAR-DOY mosaics are included for each PSR entry if they are available.

2.1 NAC PSR Observation Processing

NAC images are calibrated using the ISIS routines *Ironaccal* and *Ironacecho* [Humm 2015; Becker 2013; Anderson 2004]. The elongated pixels from increased exposure times require crosstrack binning, which increases SNR, to create a square aspect ratio for each pixel (Figure 2). The images are orthorectified using LOLA/GRAIL corrected ephemeris where available [Mazarico 2013] and LOLA polar topography [Neumann 2016] (Figure 3). Each NAC image is masked using GDAL tools to obtain I/F values from within the LOLA produced PSR margins [Mazarico 2011] (Figure 1a), see Section 2.2). From the masked NAC images, 2% - 98% histogram values are generated. The original (not masked) NAC PSR observations are stretched to these 2% and 98% histogram values. Pixel values above of the 98% value are masked out and pixel values below the 2% value are set to black (Figure 1b). Final NAC PSR observations used in Atlas creation are map-projected stretched 8-bit ISIS cubes.

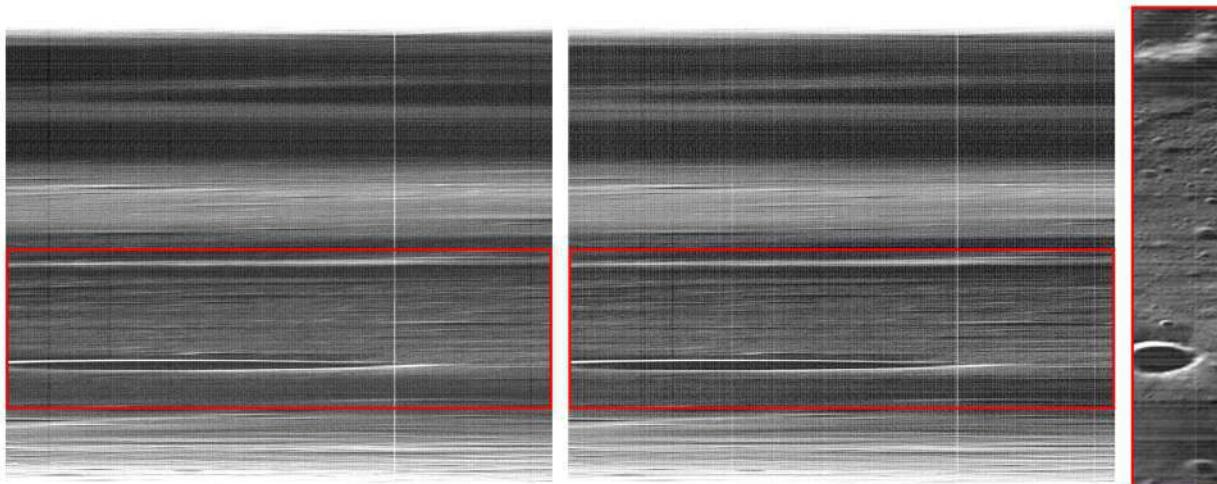


Figure 2. LROC NAC image M1103282941L (pixel height 39.7 m, pixel width 0.9 m) of Faustini crater (87.18° S, 84.31° E). The crater floor is illuminated by light scattered from nearby illuminated terrain, not direct sunlight. From the original EDR, lines 1000–1900 and samples 1500–2519 are displayed here. Red box highlights the same region in all panels. Left: EDR. Center: After radiometric calibration. Right: Binned 18x in the crosstrack direction for aspect correction (also providing an increase in SNR).

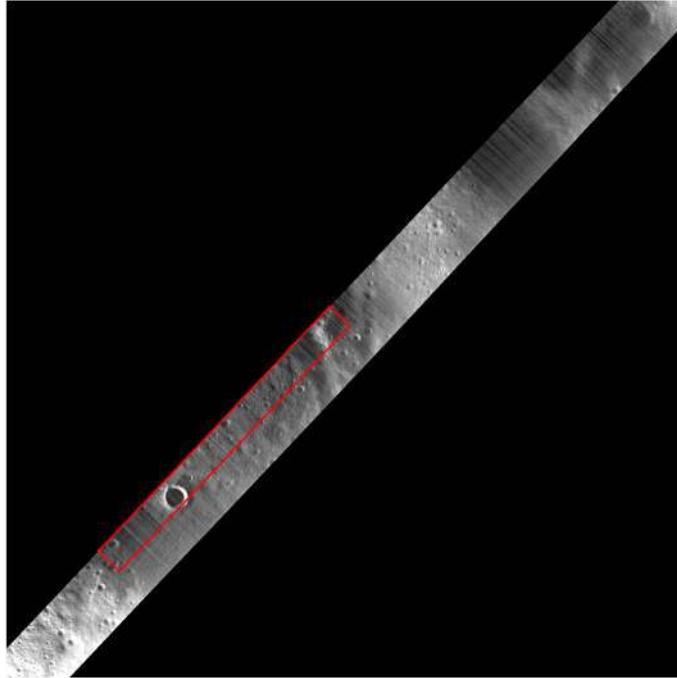


Figure 3. Faustini crater (87.18° S, 84.31° E) orthorectified LROC NAC (M1103282941L) red box shows the region in Figure 2.

2.2 LOLA PSR Boundaries

PSRs were identified by ray tracing from LOLA Digital Terrain Models (DTM) [Mazarico, 2011] (Figures 4 and 5). Within eight degrees of both poles, the LOLA DTMs are sampled at 60 m, and from below 82° , the DTMs have a pixel scale of 240 m. ESRI shapefile formatted vector files were created from the PSR raster map [Mazarico, 2011]. The NAC images are higher resolution than the polar DTMs, causing occasional illuminated terrain to be visible just inside the PSR polygons.

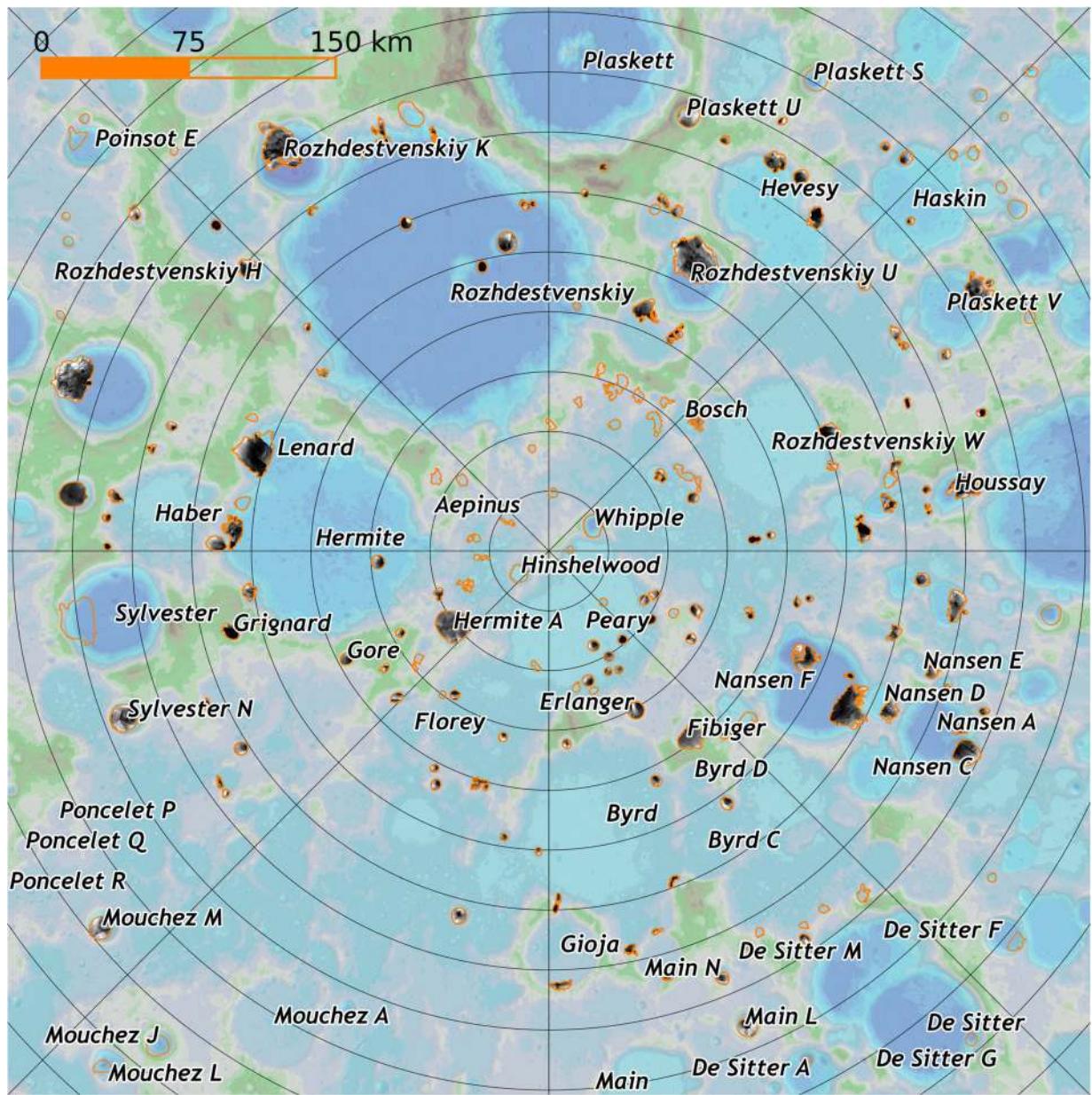


Figure 4. North Pole LOLA PSR boundary shape file (orange outlines) with the NAC PSR North Pole Mosaic overlaid on LOLA topography. PSRs $>10 \text{ km}^2$ from 81° N to 90° N are shown.

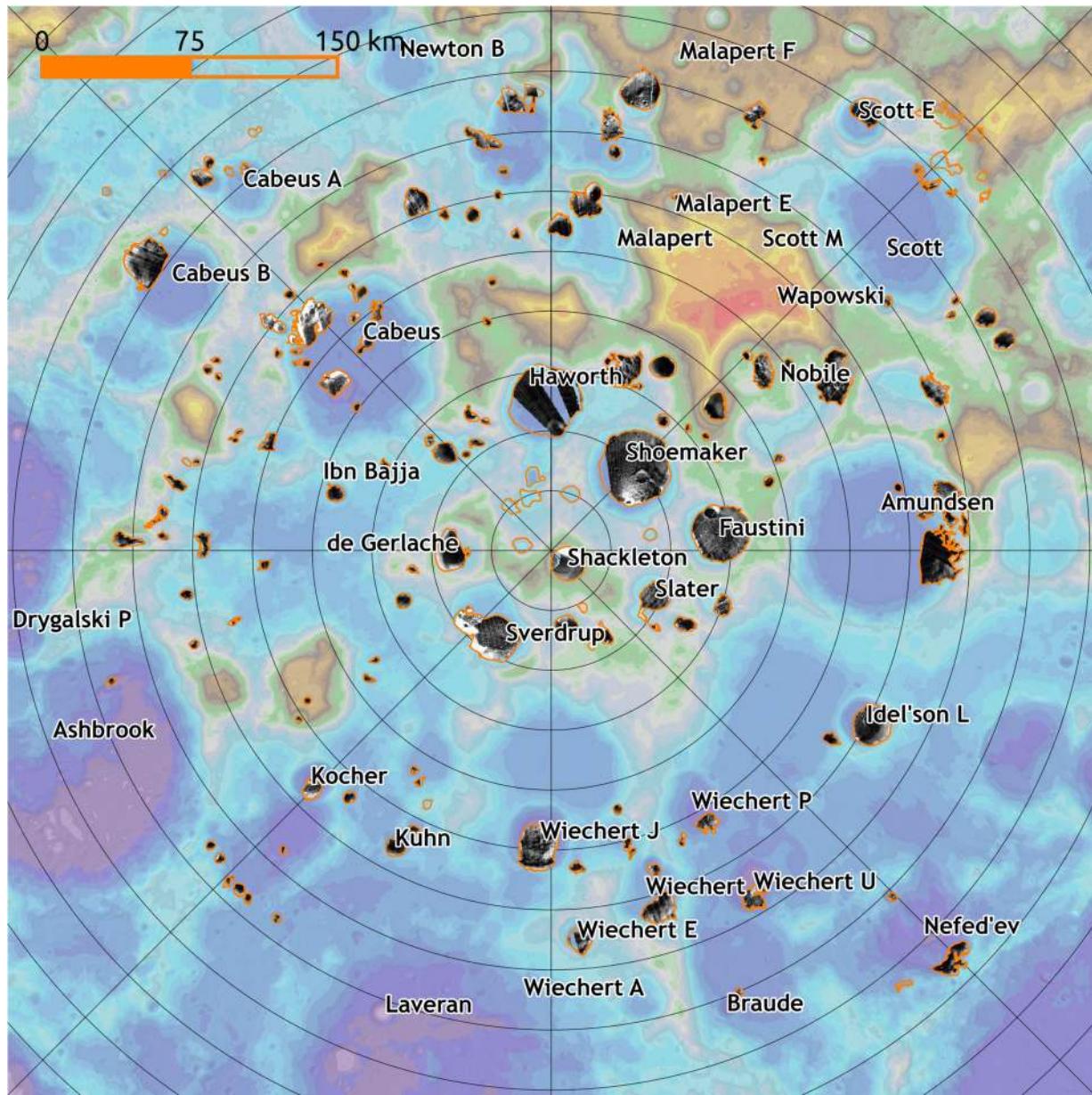


Figure 5. South Pole LOLA PSR boundary shape file (orange outlines) with the NAC PSR South Pole Mosaic overlaid on LOLA topography. PSRs $>10 \text{ km}^2$ from 81° S to 90° S are shown.

3 PSR Products

The NAC PSR Atlas includes 324 PSRs, all >10 km². Each PSR atlas page (Figure 6) is composed of a section of metadata (area, perimeter, features of interest, etc), a context image (166 km width) overlaid on a color shaded relief of LOLA topography basemap, and when available, one or more YEAR-DOY mosaics (observations taken on a specific DOY), a composite best coverage mosaic, and a representative controlled mosaic (see Section 3.4). Atlas images were generated using scripting capabilities within the QGIS Python console and QGIS Print Composer [QGIS 2016].

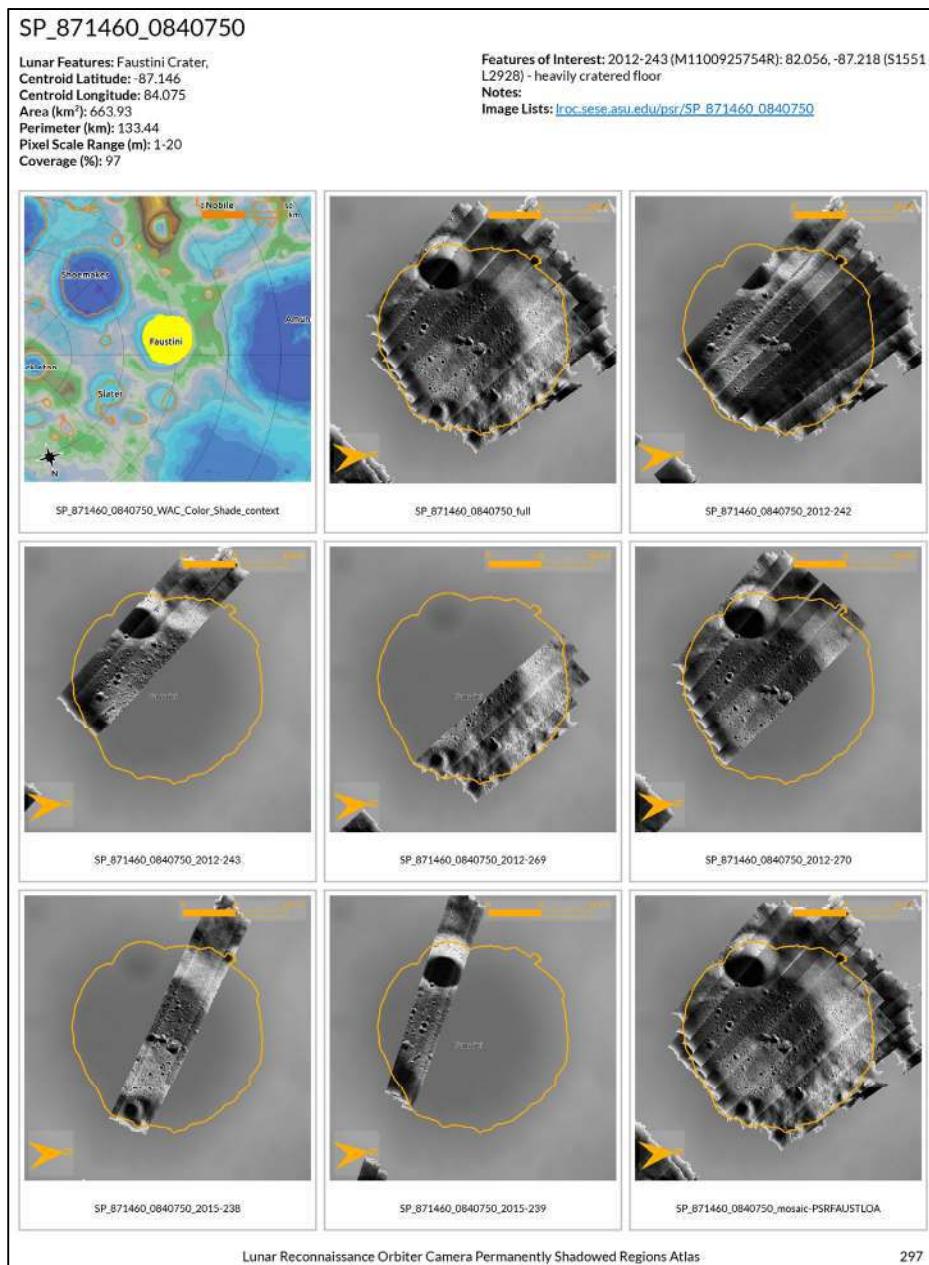


Figure 6. Sample Atlas page for Faustini crater PSR. The page includes relevant metadata, a context image, controlled mosaic, best coverage mosaic, and YEAR-DOY mosaics.

3.1 PSR Atlas Metadata

The PSR Atlas pages contain information about the PSR and overview images.

Table 1: PSR Atlas metadata fields and descriptions

PSR Identifier	A unique PSR ID is given to each PSR; the first two characters representing polar location (NP/SP), followed by centroid latitude and then the centroid longitude. Values are separated by underscores and significant to, at most, 6 digits for latitude and 7 digits for longitude.
Lunar Features	The name of the lunar crater the PSR resides inside one, two, or three named craters immediately adjacent to the PSR.
Centroid Latitude	Center latitude of PSR polygon (-90° to 90°).
Centroid Longitude	Center longitude of PSR polygon (0° to 360° E).
Area (km ²)	Calculated area in square kilometers using the PSR polygon boundaries in a polar stereographic projection. The values were calculated in QGIS [QGIS 2016].
Perimeter (km)	Perimeter in kilometers using the PSR polygon boundaries in polar stereographic projection. The values were calculated in QGIS [QGIS 2016].
Pixel scale range (m)	Minimum and maximum NAC image pixel scales (m/pixel) for the PSR.
Coverage (%)	Percent quality NAC coverage of PSR. Quality NAC coverage areas have identifiable features.
Features of Interest	Latitude, longitude, sample, and line locations of notable features found in map projected NAC images. Features of interest include high or low reflectance features, landslides, boulder tracks, etc. Entries are in the form: YEAR-DOY (image name): latitude, longitude (sample line) - description.
Notes	Comments on quality of images, morphology of PSR, and planning for future targeting.
Image Lists	A link to the PSR web page that has more information including viewable image lists for each of the YEAR-DOY mosaics associated with the PSR.

3.2 YEAR-DOY Mosaics

YEAR-DOY mosaics for each PSR are comprised of specific NAC images from a given day, which may range in pixel scale and quality. Lighting conditions change rapidly at the lunar poles, and each NAC pair may show changes in illumination even between orbits (each orbit is usually 1 hour and 57 minutes in the 38 km by 153 km orbit). Out of all observations acquired for each PSR entry, at most, the best seven YEAR-DOY mosaics are selected for inclusion PSR in the atlas.

3.3 Best Coverage Mosaic

The best coverage mosaic typically includes observations from multiple YEAR-DOY sequences for maximum coverage within a given PSR. If a YEAR-DOY mosaic already provides the best coverage of a PSR, a formal best coverage image is not provided. It should be noted that not all PSRs in the atlas have 100% coverage. Future LROC NAC observations may be acquired to provide 100% coverage for every PSR >10 km².

3.4 Controlled Mosaics

A control network is generated to tie the images to the most accurate ground truth available and a bundle adjustment is performed to correct for pointing errors and image alignment. The images are then map projected using LOLA polar topography [Neumann 2016] and mosaicked together into an almost seamless mosaic of the region. Each image is independently stretched to its PSR boundary for the final mosaic (see section 2.1 NAC Observation Processing), and it is cropped to the PSR region using the PSR boundary shapefile to create an additional mosaic product. Representative controlled mosaic images shown in the atlas are comprised of the uncontrolled NAC observations that make up the controlled mosaic. Released controlled mosaic products can be found by searching the LROC RDR products page:

http://wms.lroc.asu.edu/lroc/rdr_product_select.

3.5 Context Image

Each image in the PSR catalog has a polar stereographic projection (Spatial References IAU2000:30120 and IAU2000:30119) of the color shaded relief (LOLA gridded data records [Neumann 2016]), with the referenced LOLA PSR polygon highlighted in yellow. Each context image has a width of 165 km and includes adjacent PSR polygons and nomenclature.

3.6 Combined NAC Polar PSR Mosaics

The PSR images for each polar region were mosaicked into comprehensive north and south PSR mosaics. The controlled, best coverage, and YEAR-DOY mosaics were used to create the polar PSR mosaics when available, with controlled mosaics as highest priority and YEAR-DOY mosaics as lowest priority.

Both 32-bit (I/F) and 8-bit (scaled I/F, with each clipped image individually stretched to 2% and 98% histogram values) versions are provided. When controlled mosaics were available, the individual images were stretched manually to create a visually appealing product. The north pole PSR mosaic is comprised of 206 NAC images (Figure 7), and the south pole PSR mosaic is made from 850 NAC images (Figure 8).

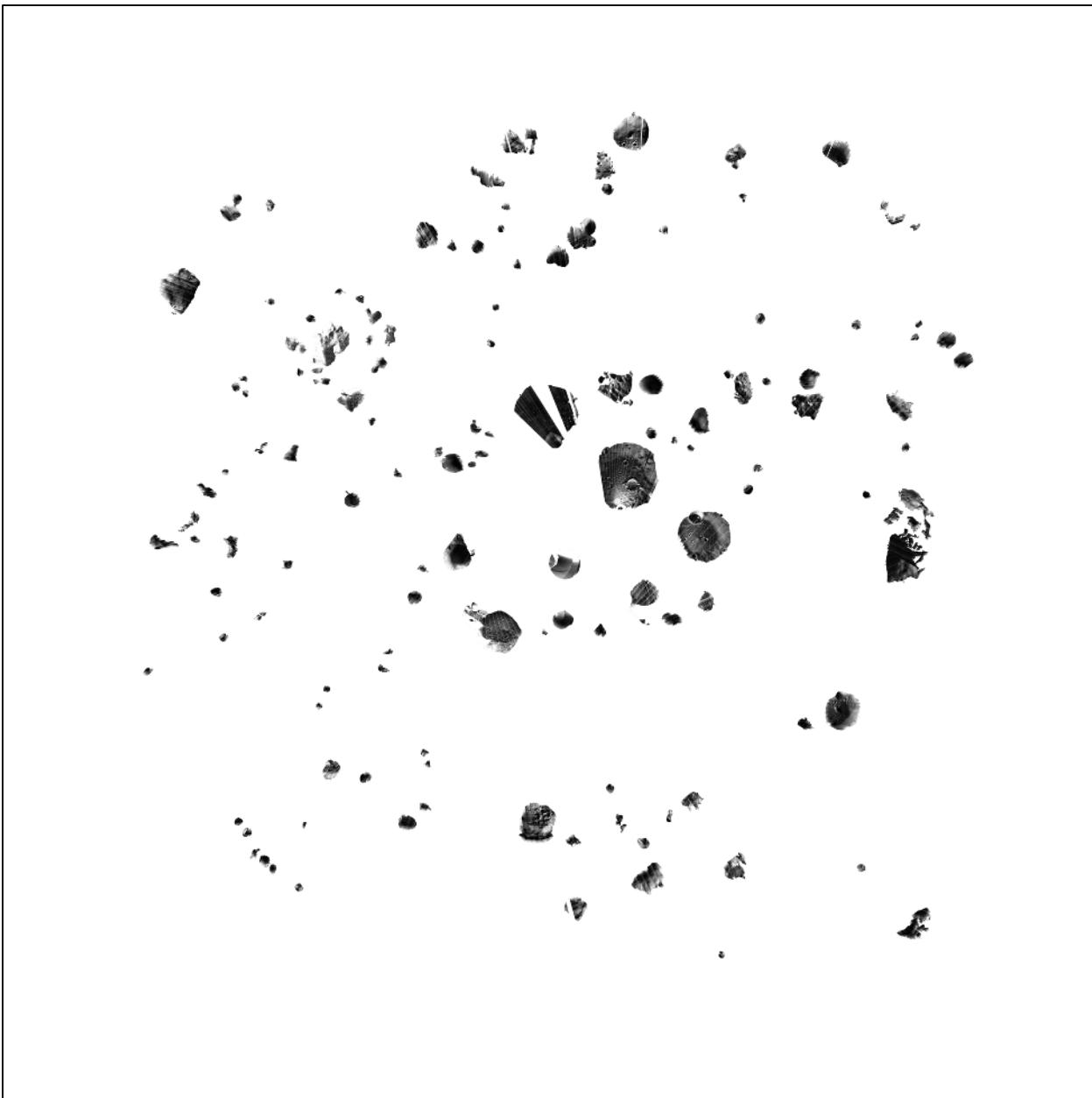


Figure 7. South Pole PSR Mosaic. Created from 850 NAC observations. Each image is stretched individually before mosaicking.

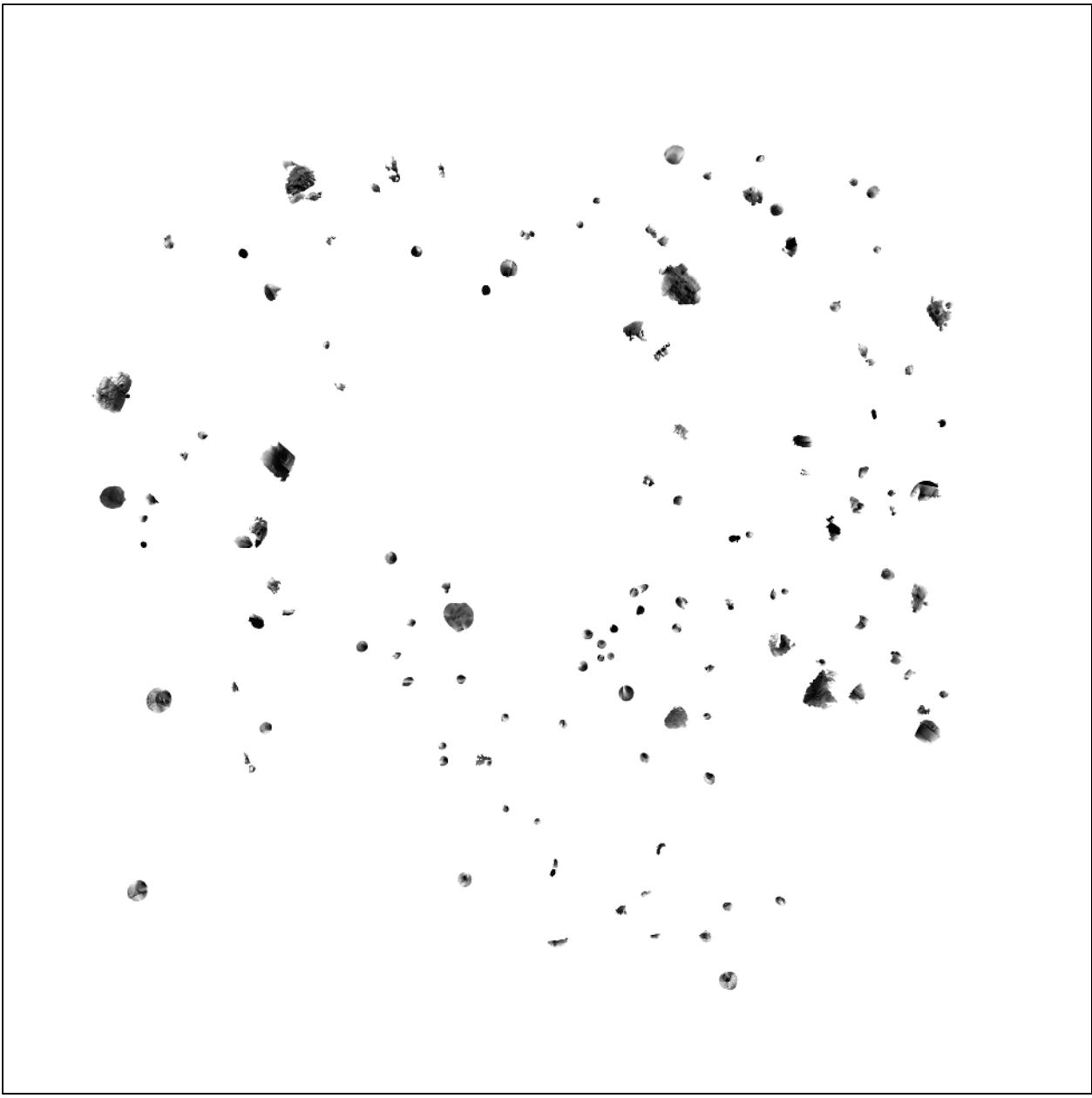


Figure 8. North Pole PSR Mosaic. Created from 206 NAC observations. Each image is stretch individually before mosaicking.

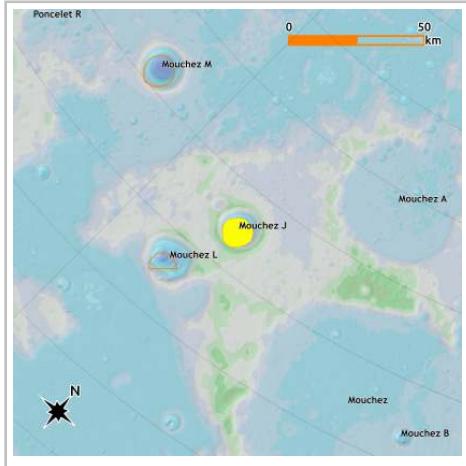
4 References

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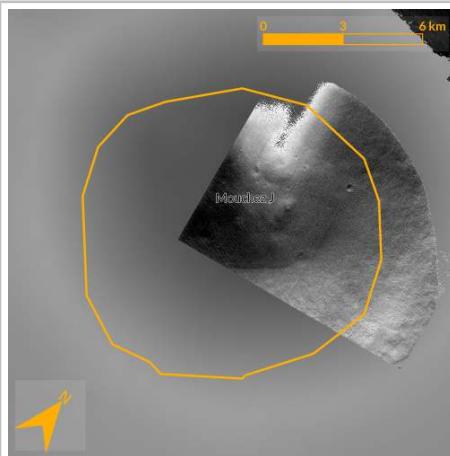
NP_794550_3214780

Lunar Features: Mouchez J
Centroid Latitude: 79.455
Centroid Longitude: 321.478
Area (km²): 99.00
Perimeter (km): 36.0
Pixel Scale Range (m): -
Coverage (%): 100

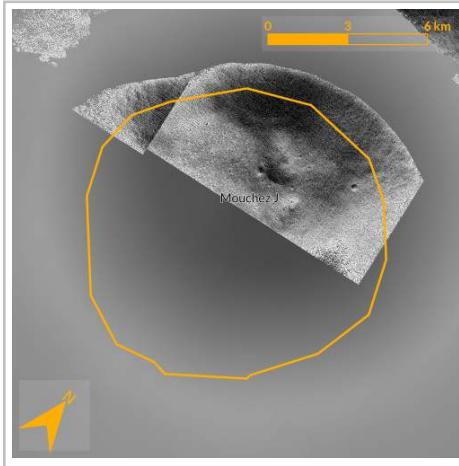
Features of Interest: 2013-088 (M1119194225L): 321.9, 79.35 (S894 L1681) - albedo streaks likely from boulders on northern facing crater wall
Notes: Melty and hummocky crater floor
Image Lists: lroc.sese.asu.edu/psr/NP_794550_3214780



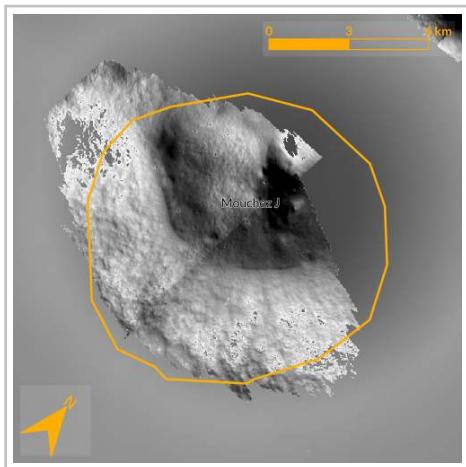
NP_794550_3214780_WAC_Color_Shade_context



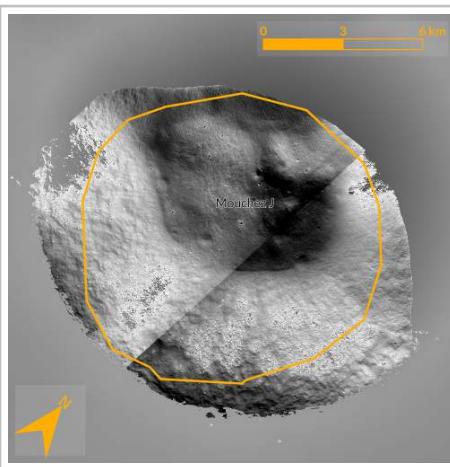
NP_794550_3214780_2012-275



NP_794550_3214780_2012-276



NP_794550_3214780_2013-061

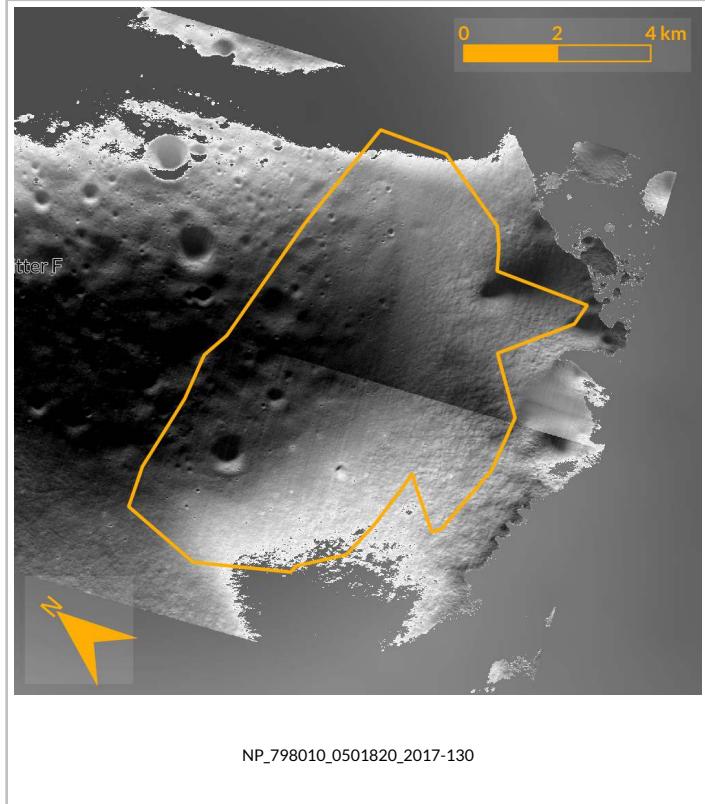
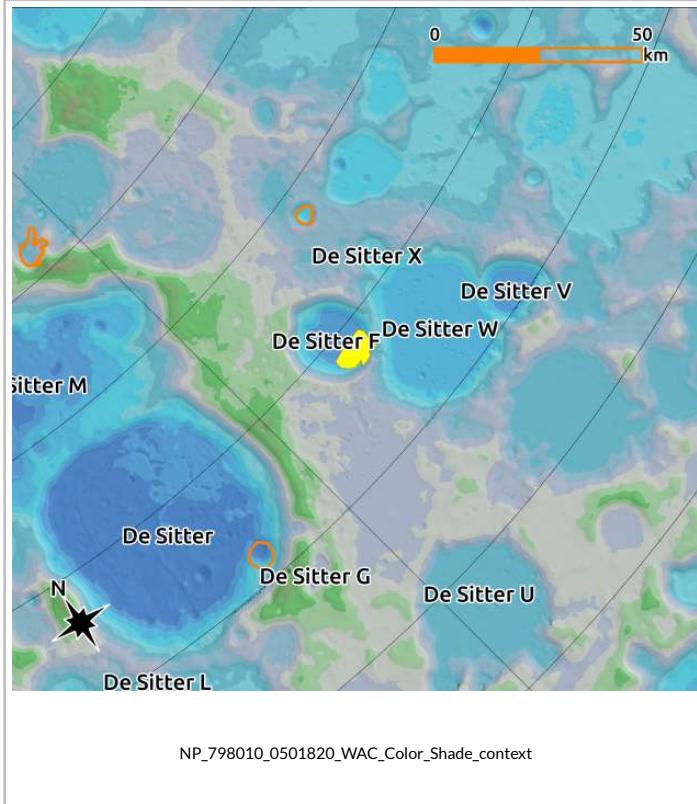


NP_794550_3214780_2013-088

NP_798010_0501820

Lunar Features: De Sitter F
Centroid Latitude: 79.801
Centroid Longitude: 50.182
Area (km²): 50.00
Perimeter (km): 32.0
Pixel Scale Range (m): 10-10
Coverage (%): 60

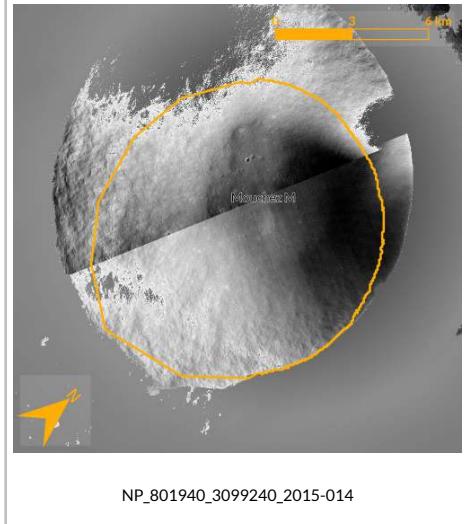
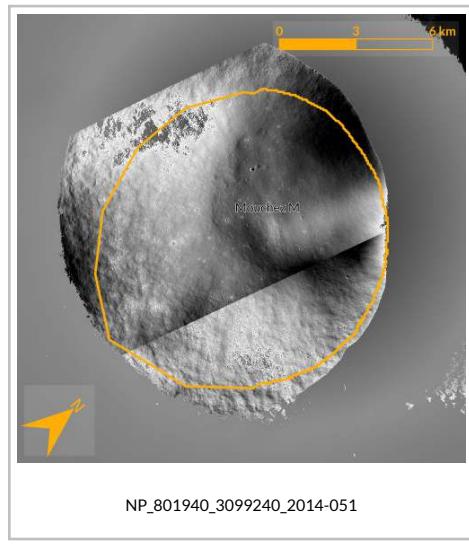
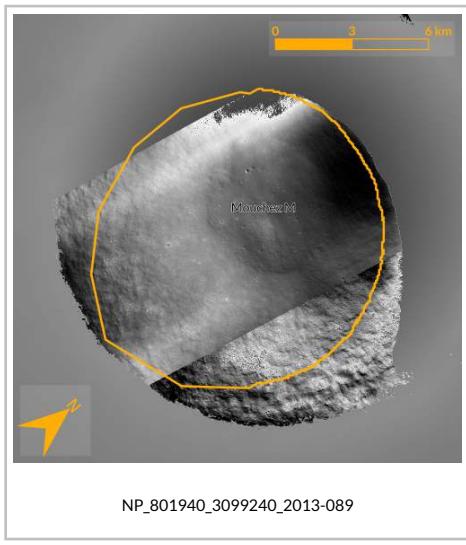
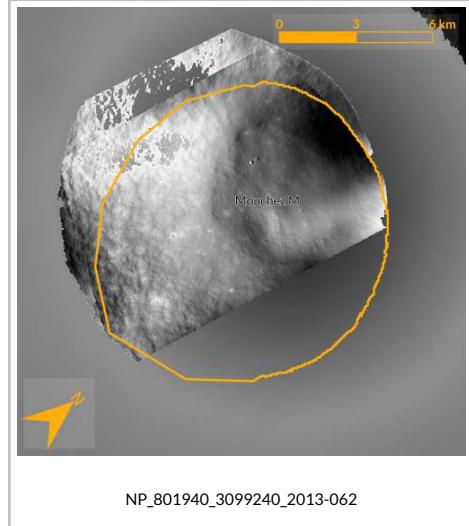
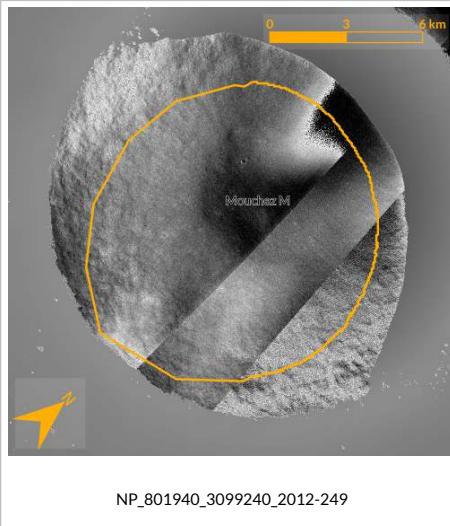
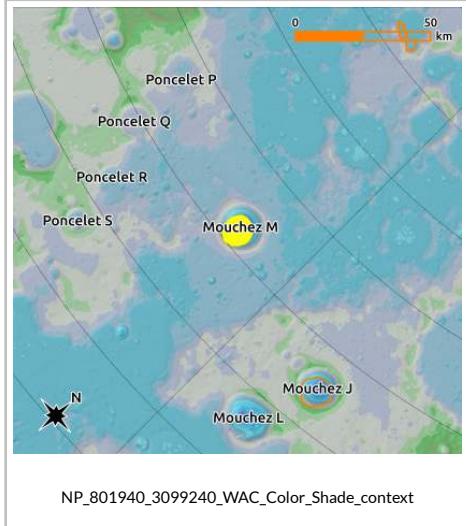
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_798010_0501820



NP_801940_3099240

Lunar Features: Mouchez M Crater
Centroid Latitude: 80.194
Centroid Longitude: 309.924
Area (km²): 104.67
Perimeter (km): 42.273911
Pixel Scale Range (m): 2-20
Coverage (%): 98

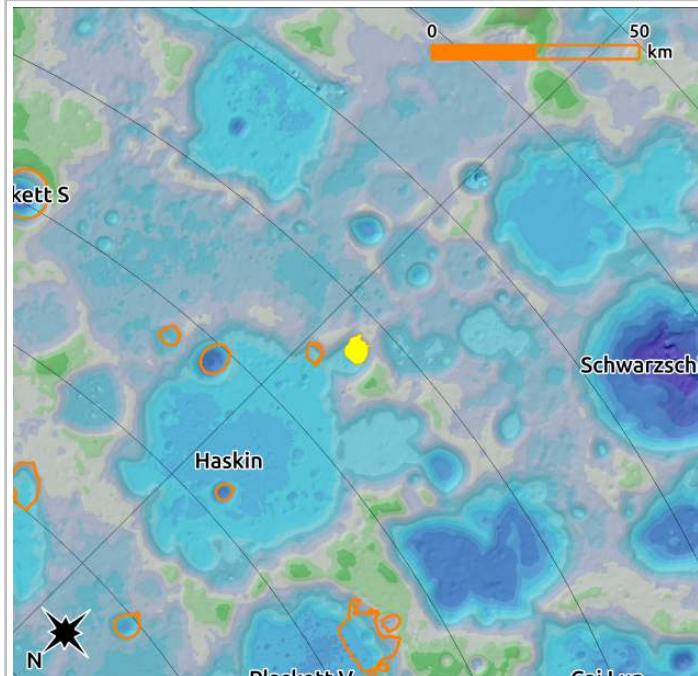
Features of Interest: 2014-051 (M1147575355L): 308.87, 80.14 (S1847 L5558) - albedo streaks likely from boulders on northern facing crater wall
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_801940_3099240



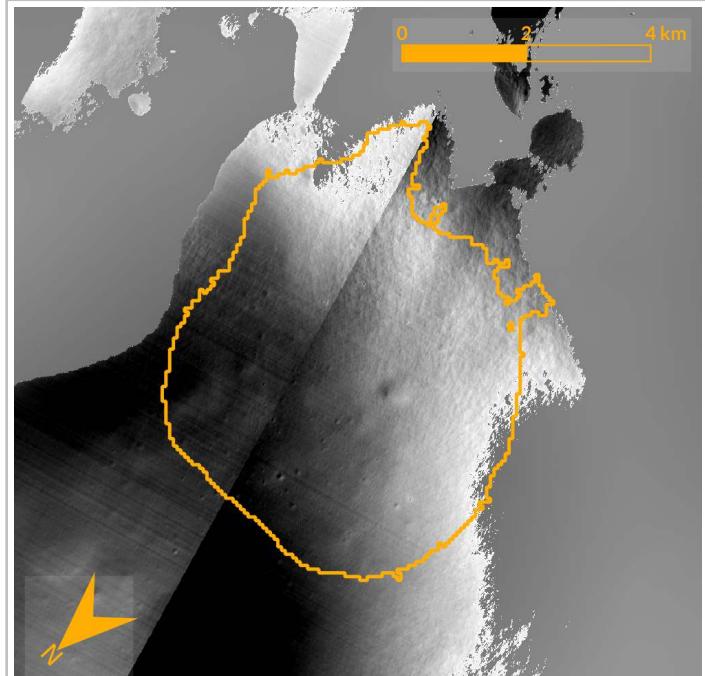
NP_802680_1329820

Lunar Features: Haskin Crater
Centroid Latitude: 80.268
Centroid Longitude: 132.982
Area (km²): 28.82
Perimeter (km): 33.72
Pixel Scale Range (m): 12-12
Coverage (%): 90

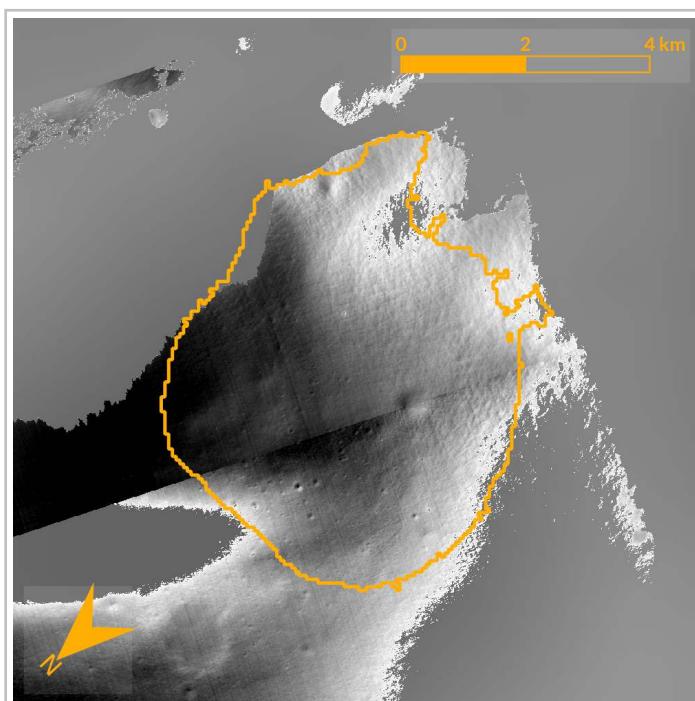
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_802680_1329820



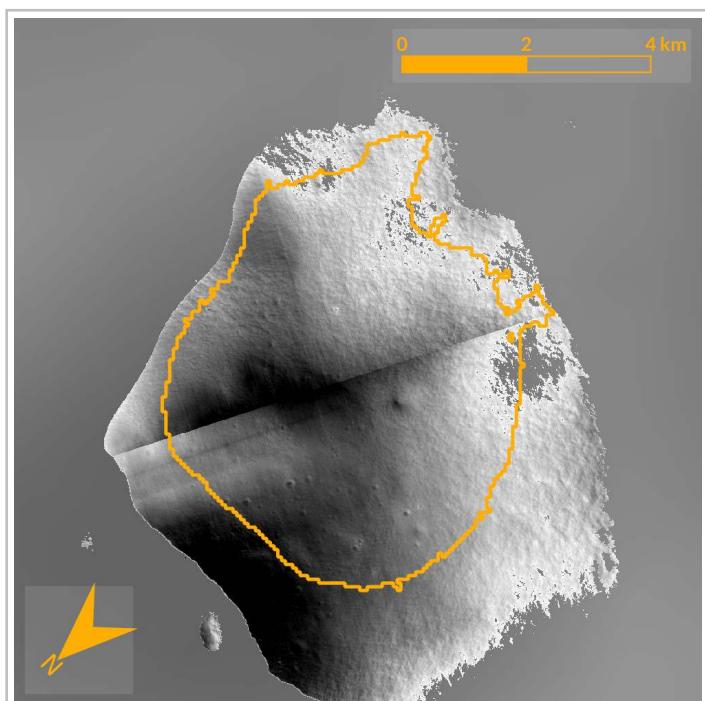
NP_802680_1329820_WAC_Color_Shade_context



NP_802680_1329820_2017-124



NP_802680_1329820_2017-332

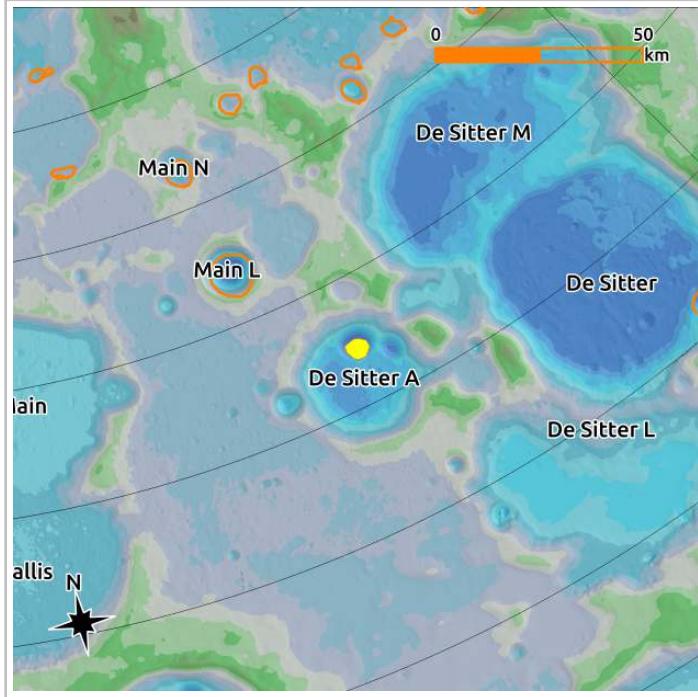


NP_802680_1329820_2018-021

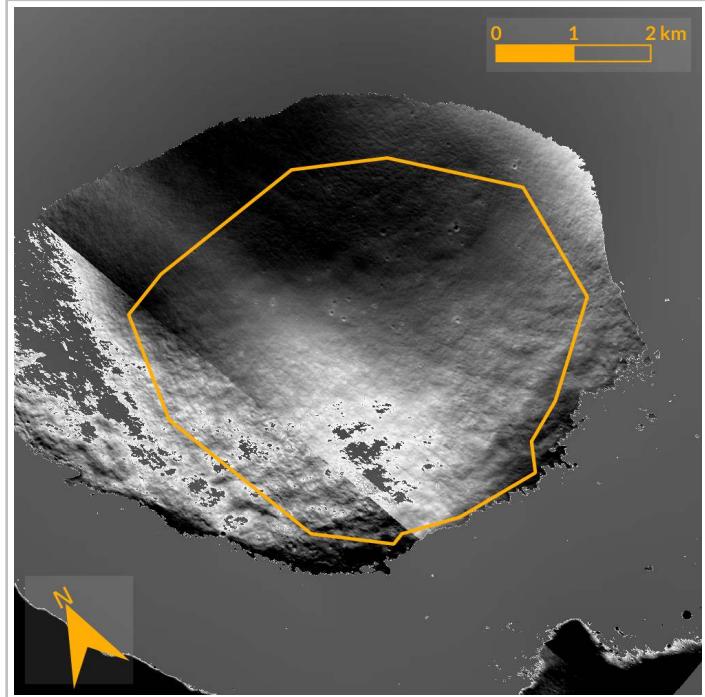
NP_804400_0269470

Lunar Features: De Sitter A
Centroid Latitude: 80.44
Centroid Longitude: 26.947
Area (km²): 21.00
Perimeter (km): 17.0
Pixel Scale Range (m): 9-9
Coverage (%): 85

Features of Interest: 2017-132 (M1249218148R): 26.79, 80.4 (S911 L1232) - albedo patches on southwestern crater wall
Notes: New image added 2017-05-17
Image Lists: lroc.sese.asu.edu/psr/NP_804400_0269470



NP_804400_0269470_WAC_Color_Shade_context

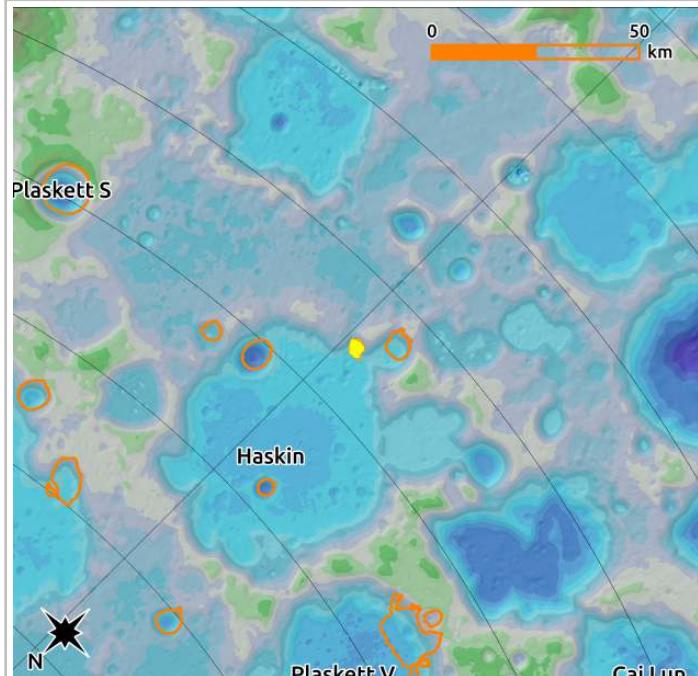


NP_804400_0269470_2017-132

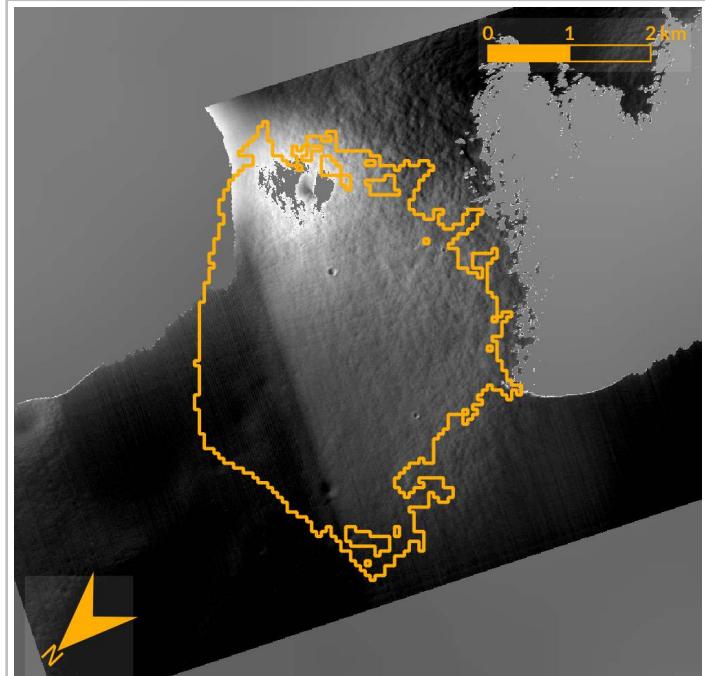
NP_805260_1342580

Lunar Features: Haskin Crater
Centroid Latitude: 80.526
Centroid Longitude: 134.258
Area (km²): 13.61
Perimeter (km): 37.68
Pixel Scale Range (m): -
Coverage (%): 0

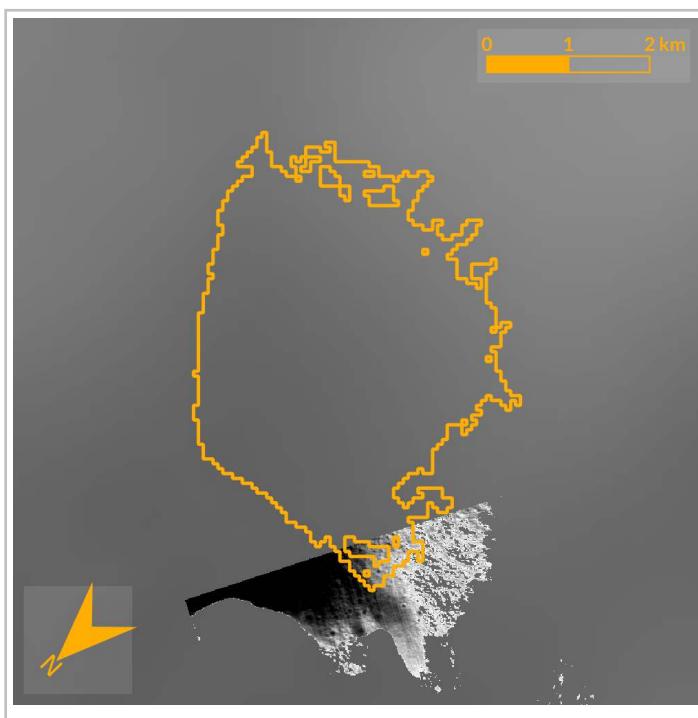
Features of Interest:
Notes: No images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/NP_805260_1342580



NP_805260_1342580_WAC_Color_Shade_context



NP_805260_1342580_2017-332

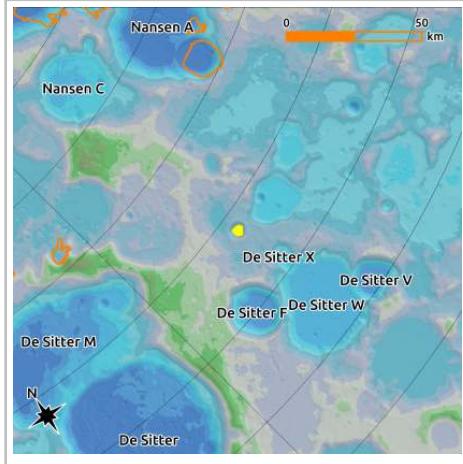


NP_805260_1342580_2018-021

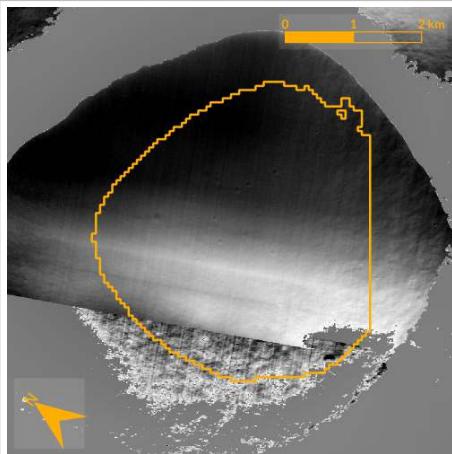
NP_807700_0537590

Lunar Features: De Sitter X Crater
Centroid Latitude: 80.77
Centroid Longitude: 53.759
Area (km²): 15.66
Perimeter (km): 24.673658
Pixel Scale Range (m): 8-12
Coverage (%): 100

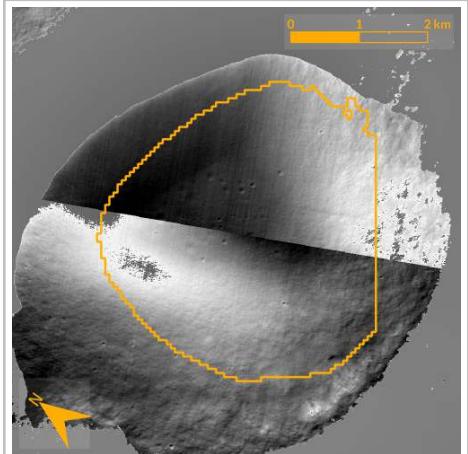
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_807700_0537590



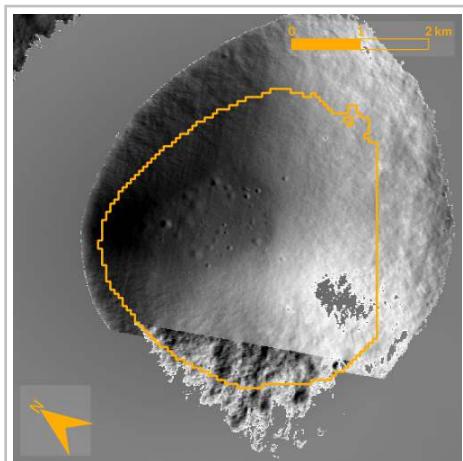
NP_807700_0537590_WAC_Color_Shade_context



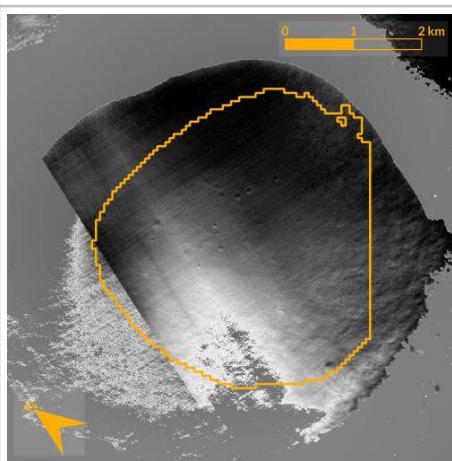
NP_807700_0537590_2017-130



NP_807700_0537590_2017-157



NP_807700_0537590_2017-211

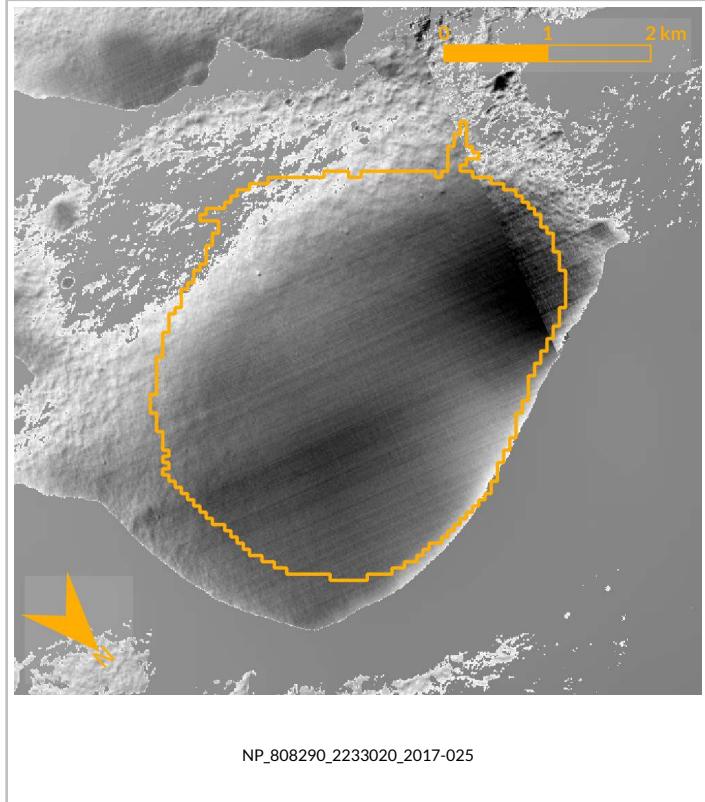
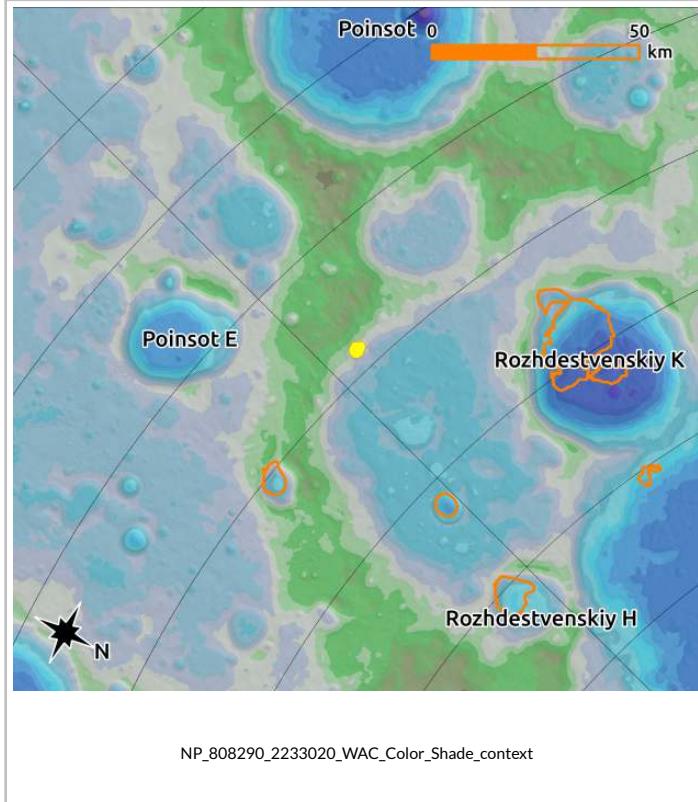


NP_807700_0537590_2017-337

NP_808290_2233020

Lunar Features: Poinsot E Crater,, Rozhdestvenskiy K Crater
Centroid Latitude: 80.829
Centroid Longitude: 223.302
Area (km²): 12.19
Perimeter (km): 18.12
Pixel Scale Range (m): -
Coverage (%): 30

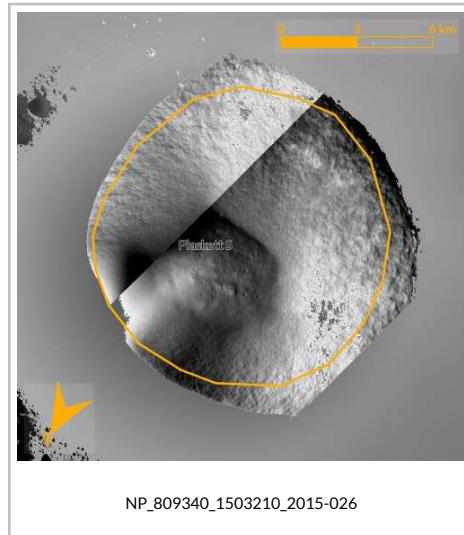
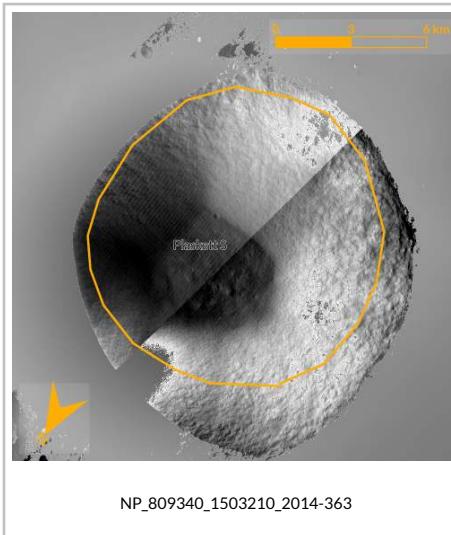
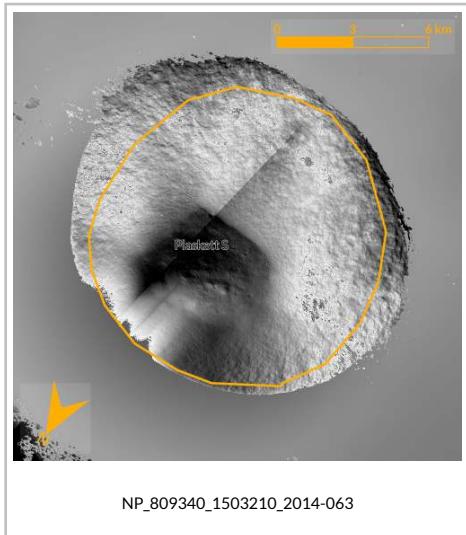
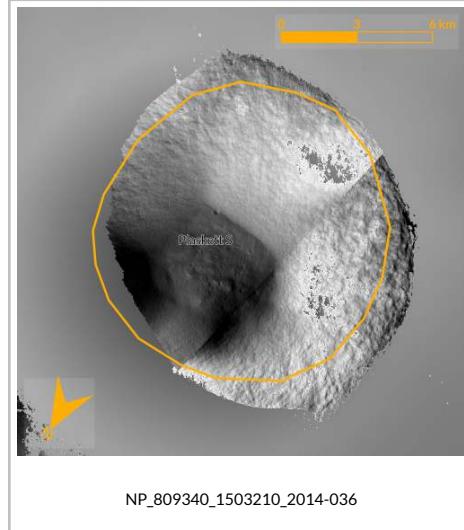
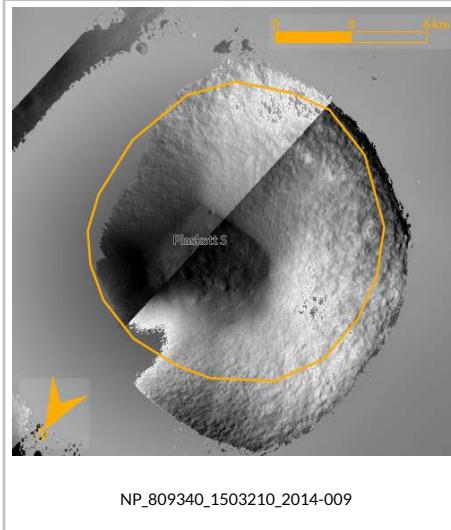
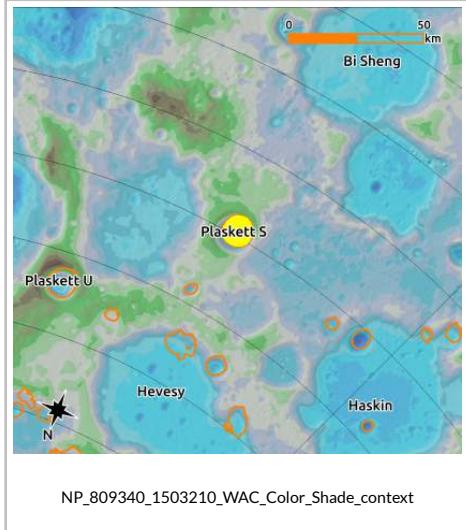
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_808290_2233020



NP_809340_1503210

Lunar Features: Plaskett S
Centroid Latitude: 80.934
Centroid Longitude: 150.321
Area (km²): 106.00
Perimeter (km): 37.0
Pixel Scale Range (m): -
Coverage (%): 100

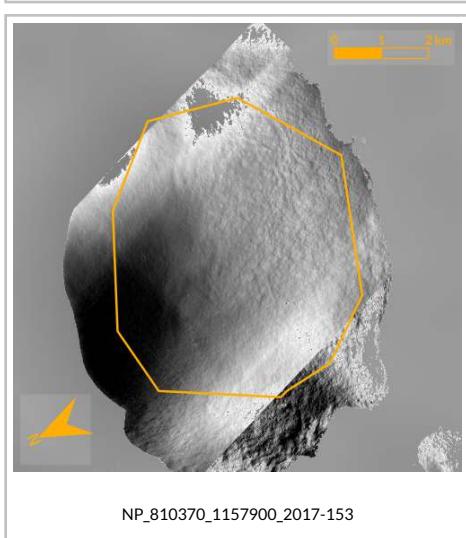
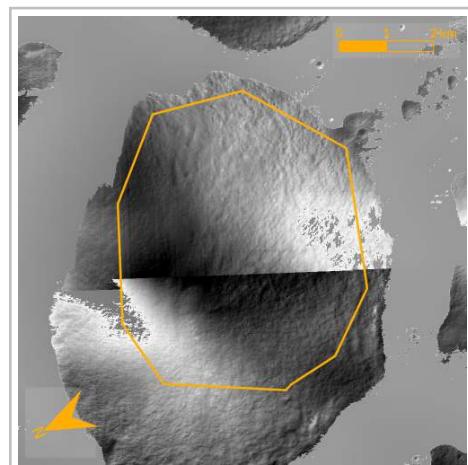
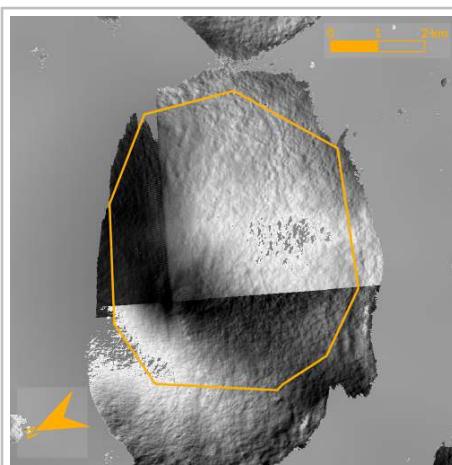
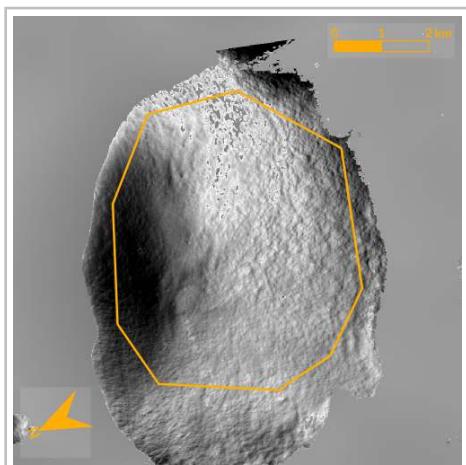
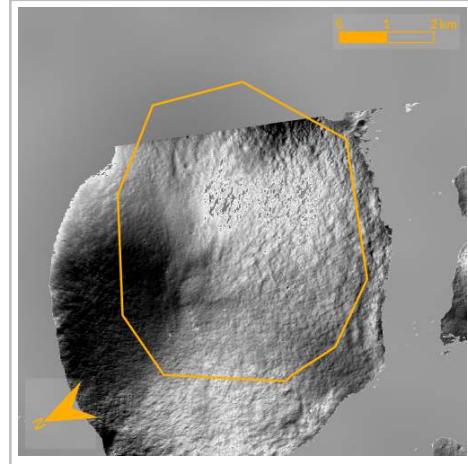
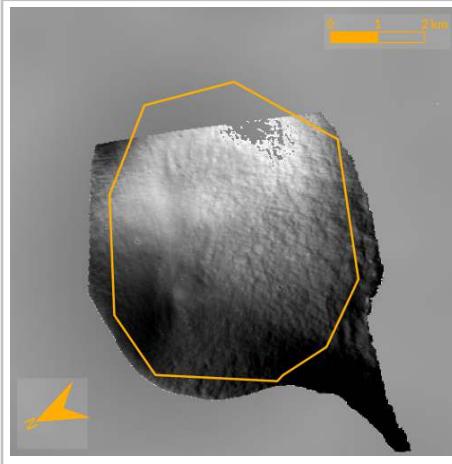
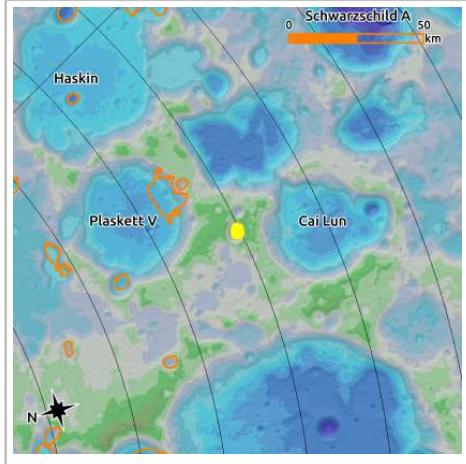
Features of Interest: 2015-026 (M1176883413L): 150.12, 80.8 (S10918 L1019) - high albedo patch (boulders?) on northern facing crater wall
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_809340_1503210



NP_810370_1157900

Lunar Features: Plaskett V crater, Cai Lun crater, Haskin crater
Centroid Latitude: 81.037
Centroid Longitude: 115.79
Area (km²): 27.00
Perimeter (km): 19.0
Pixel Scale Range (m): -
Coverage (%): 100

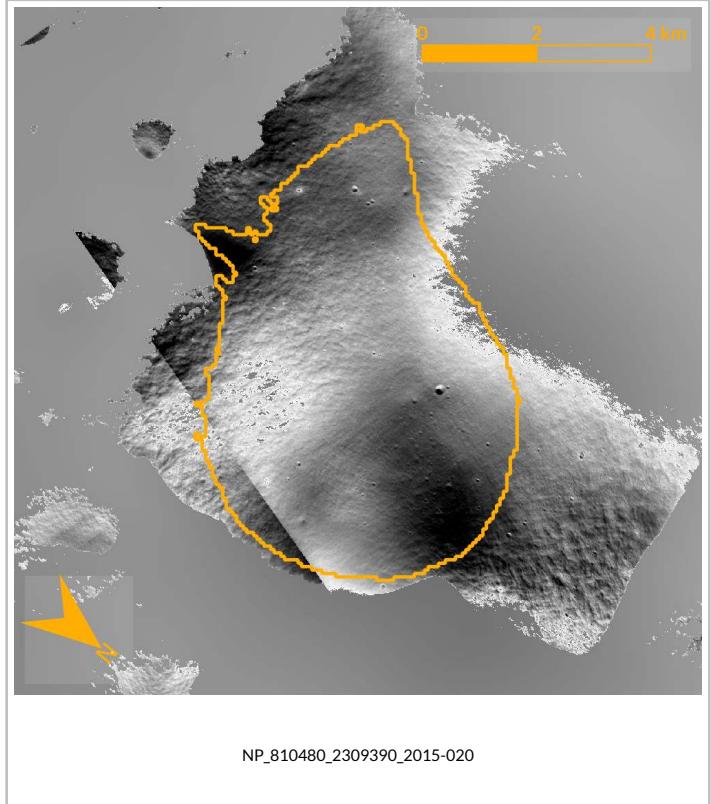
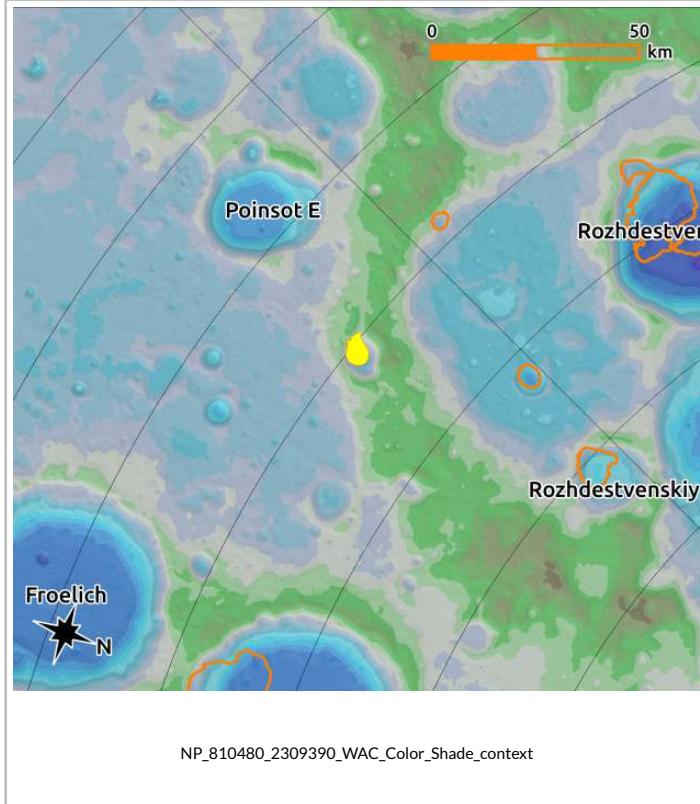
Features of Interest: 2017-153 (M1251004550R): 116.05, 81.05 (S828 L697) - albedo patches from boulders on northern facing crater wall
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_810370_1157900



NP_810480_2309390

Lunar Features: Poinsot E Crater, Rozhdestvenskiy H Crater
Centroid Latitude: 81.048
Centroid Longitude: 230.939
Area (km²): 31.54
Perimeter (km): 32.88
Pixel Scale Range (m): 10-10
Coverage (%): 99

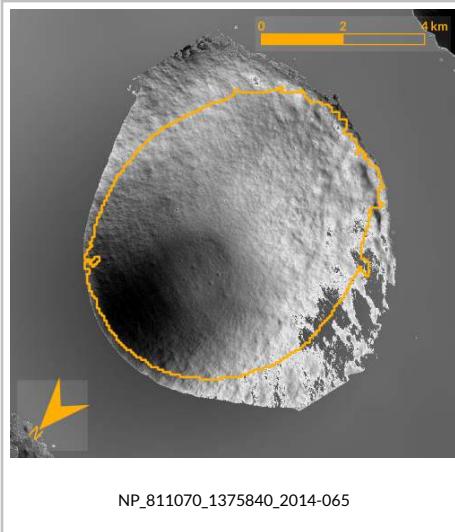
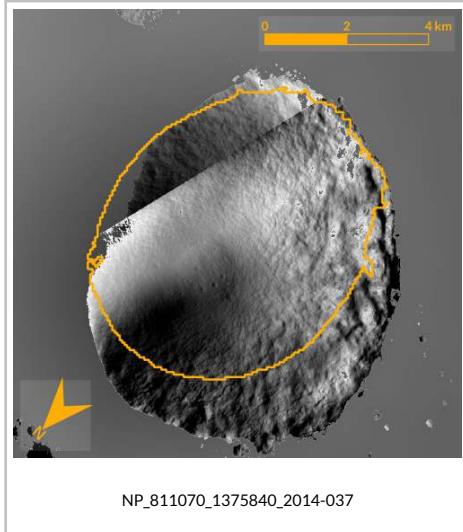
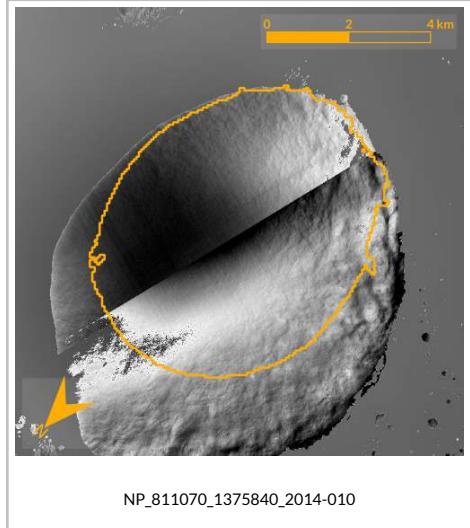
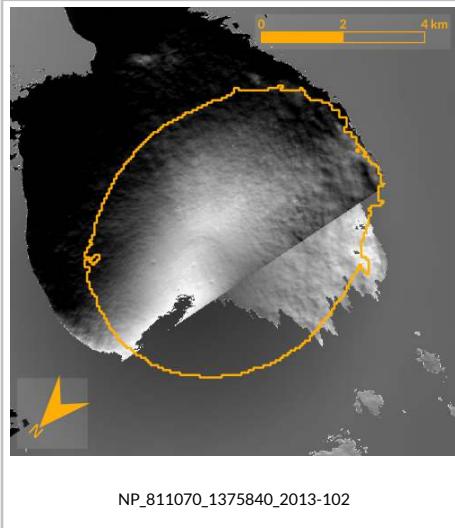
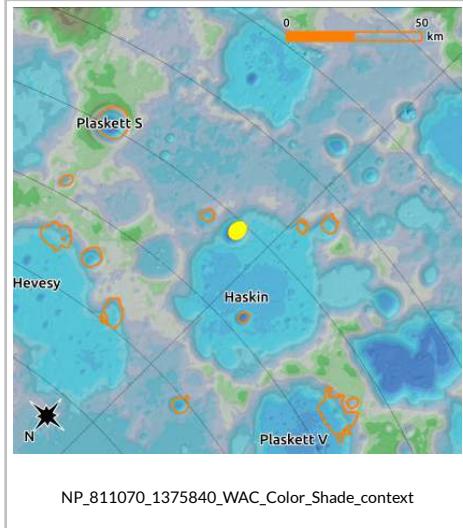
Features of Interest: 2015-020 (M1176357581L): 230.54, 80.95 (S585 L643) - high albedo crater
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_810480_2309390



NP_811070_1375840

Lunar Features: Haskin Crater
Centroid Latitude: 81.107
Centroid Longitude: 137.584
Area (km²): 37.63
Perimeter (km): 32.4
Pixel Scale Range (m): 5-20
Coverage (%): 100

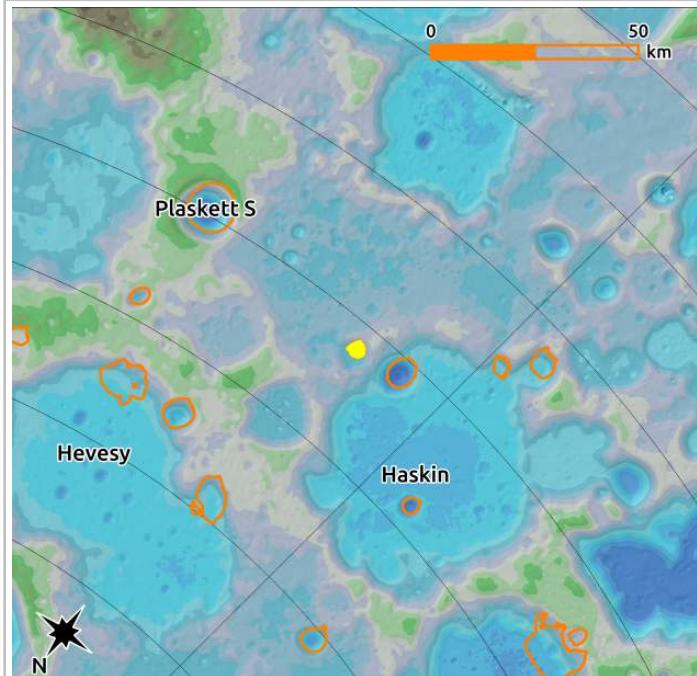
Features of Interest: 2014-037 (M1146359189L): 137.13, 81.04 (S5958 L368) - darker albedo patches on the western edge of crater wall
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_811070_1375840



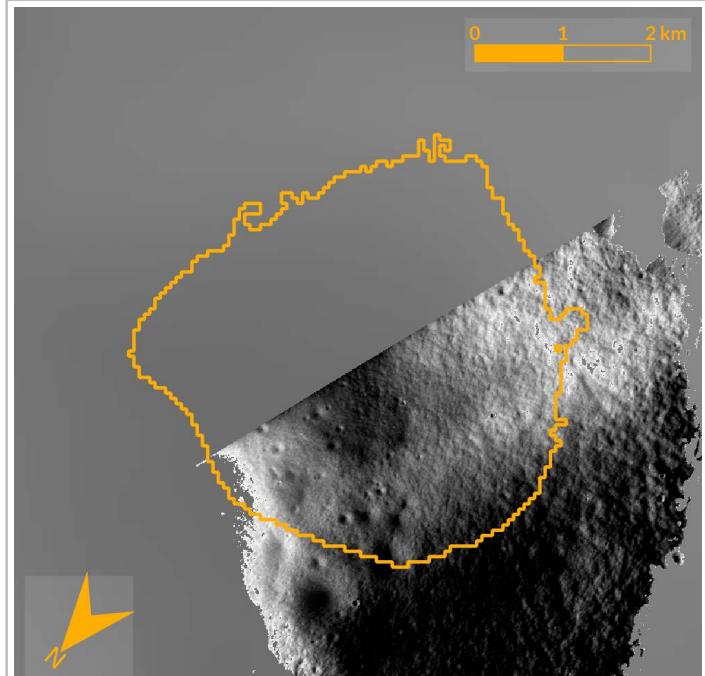
NP_812010_1401170

Lunar Features: Plaskett S Crater, Haskin Crater
Centroid Latitude: 81.201
Centroid Longitude: 140.117
Area (km²): 16.29
Perimeter (km): 24.0
Pixel Scale Range (m): 5-10
Coverage (%): 100

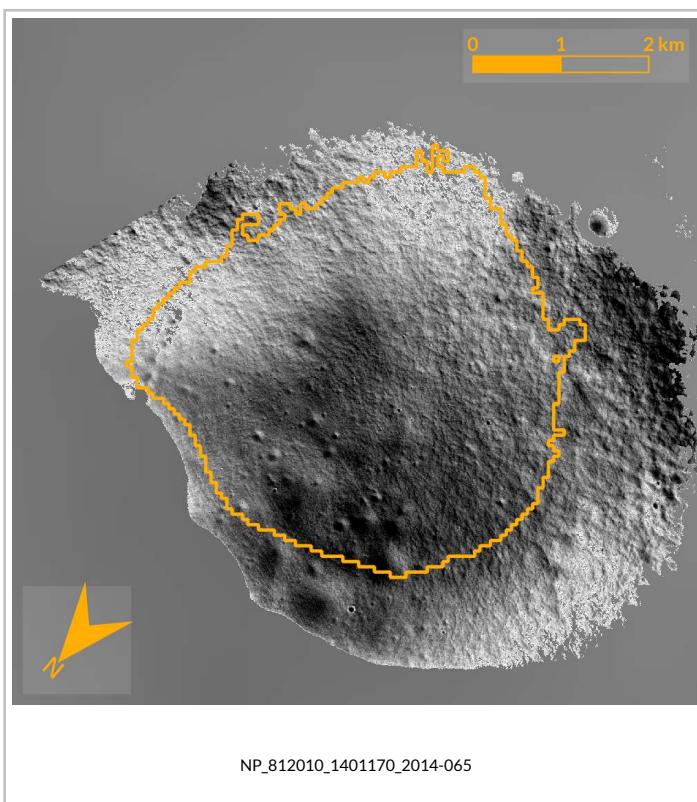
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_812010_1401170



NP_812010_1401170_WAC_Color_Shade_context



NP_812010_1401170_2014-037

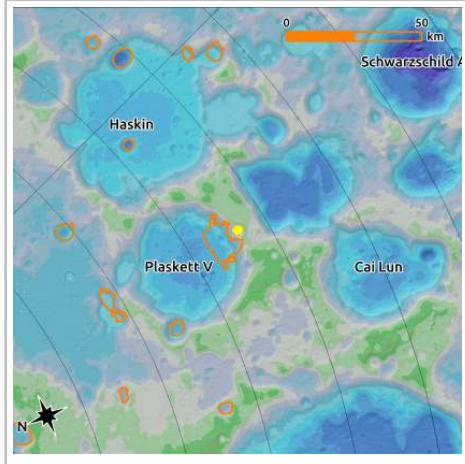


NP_812010_1401170_2014-065

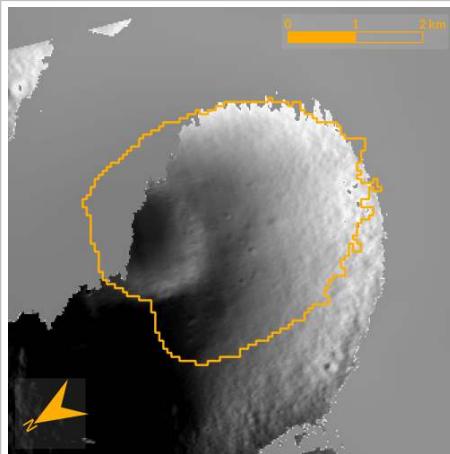
NP_813560_1211510

Lunar Features: Plaskett V Crater
Centroid Latitude: 81.356
Centroid Longitude: 121.151
Area (km²): 11.71
Perimeter (km): 18.72
Pixel Scale Range (m): 8-20
Coverage (%): 100

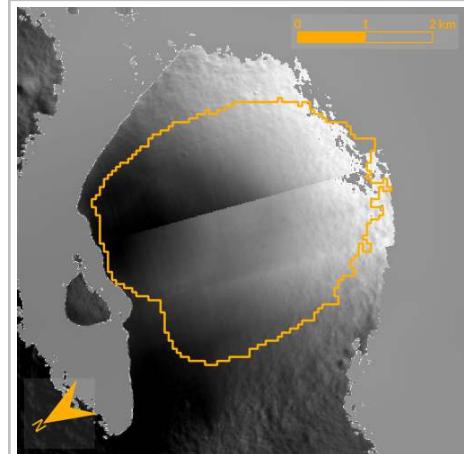
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_813560_1211510



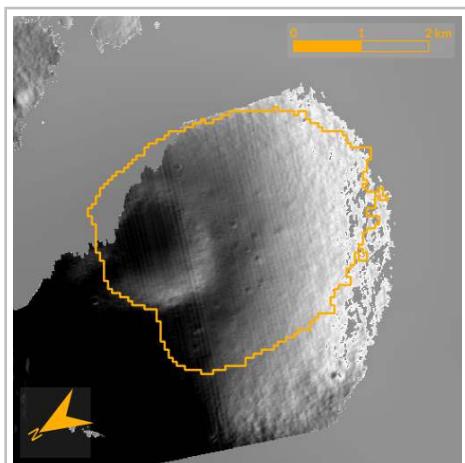
NP_813560_1211510_WAC_Color_Shade_context



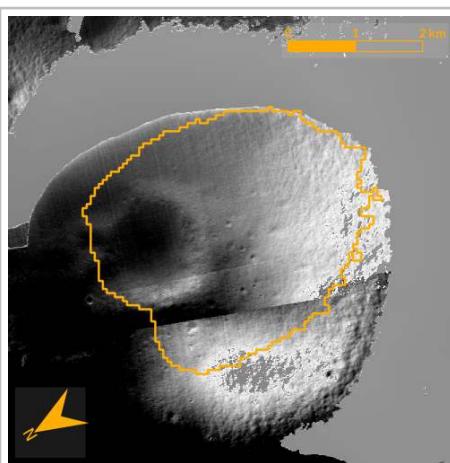
NP_813560_1211510_2013-049



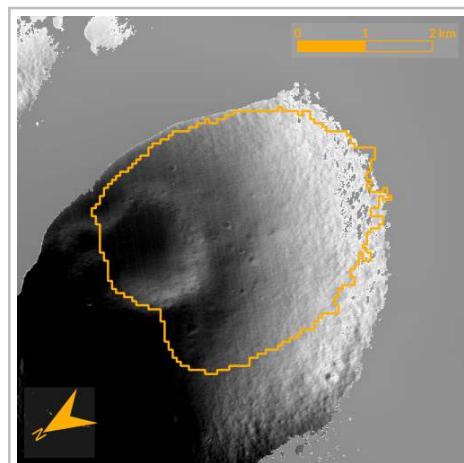
NP_813560_1211510_2013-076



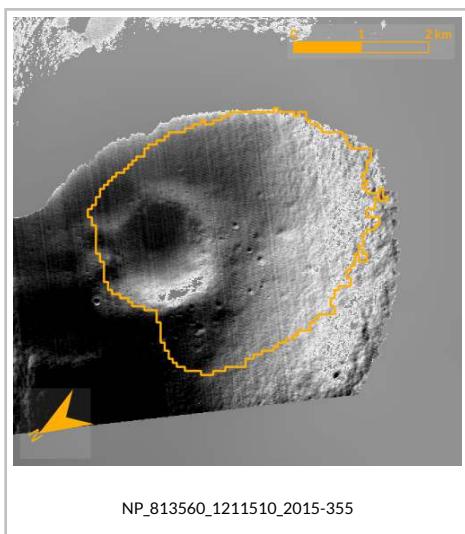
NP_813560_1211510_2014-039



NP_813560_1211510_2015-001



NP_813560_1211510_2015-028

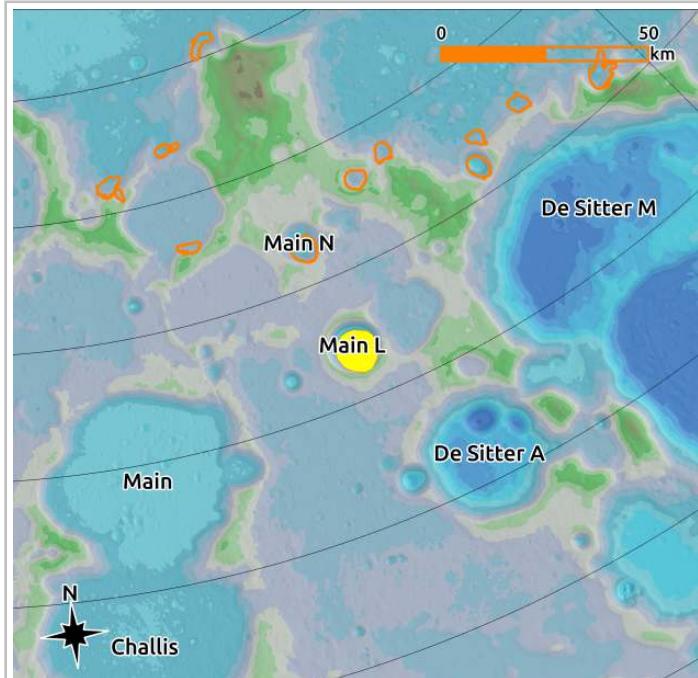


NP_813560_1211510_2015-355

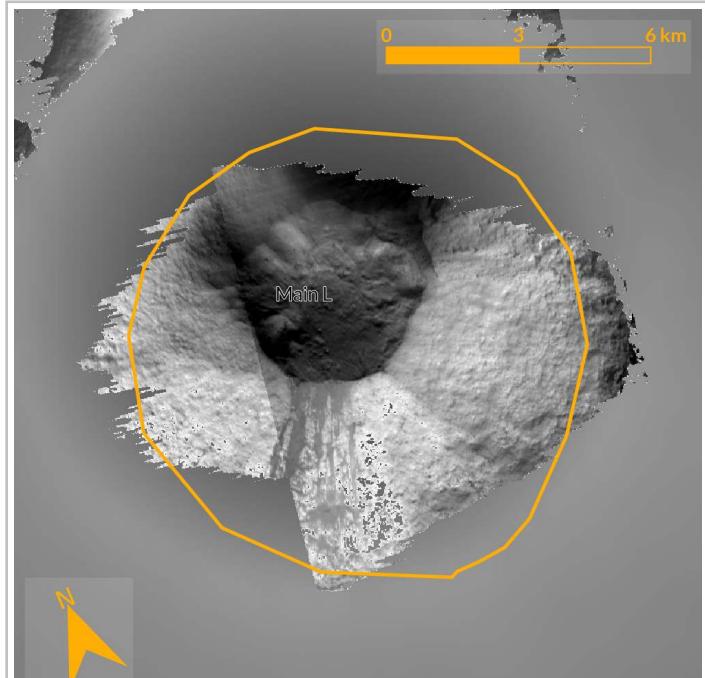
NP_813830_0227870

Lunar Features: Main L
Centroid Latitude: 81.383
Centroid Longitude: 22.786
Area (km²): 84.00
Perimeter (km): 33.0
Pixel Scale Range (m): 6-20
Coverage (%): 100

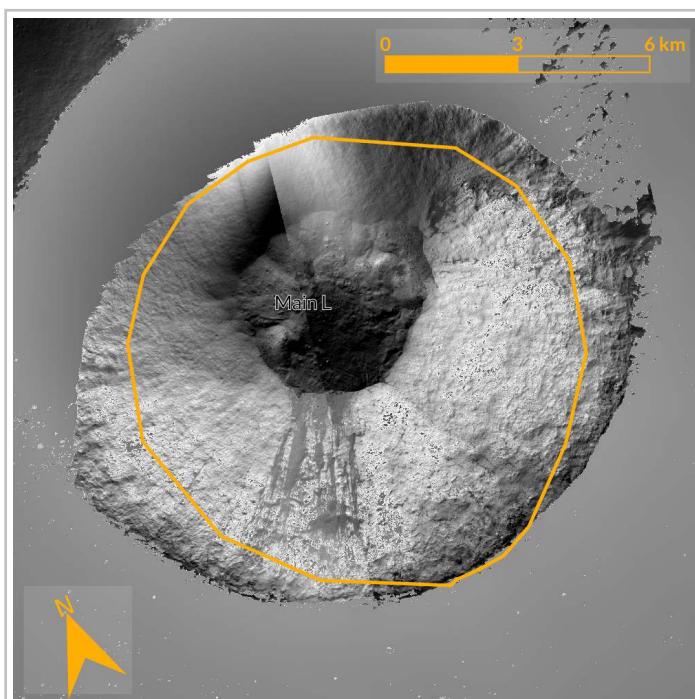
Features of Interest: 2013-083 (M1118789450R): 22.33, 81.33 (S2671 L5936) - crater walls have dark and light albedo streaks
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_813830_0227870



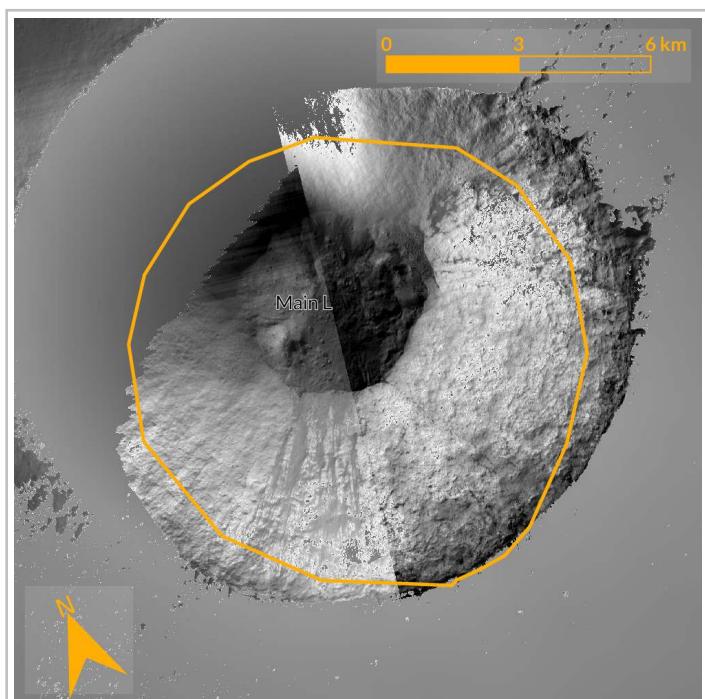
NP_813830_0227870_WAC_Color_Shade_context



NP_813830_0227870_2013-056



NP_813830_0227870_2013-083

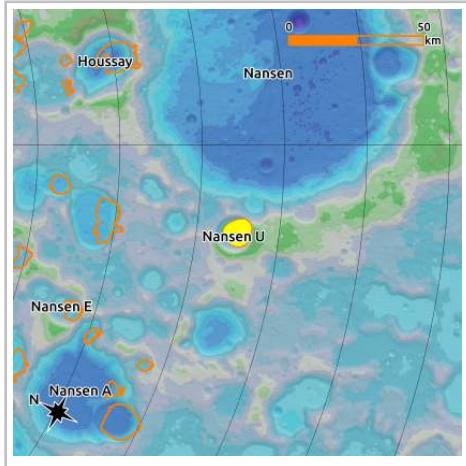


NP_813830_0227870_2013-111

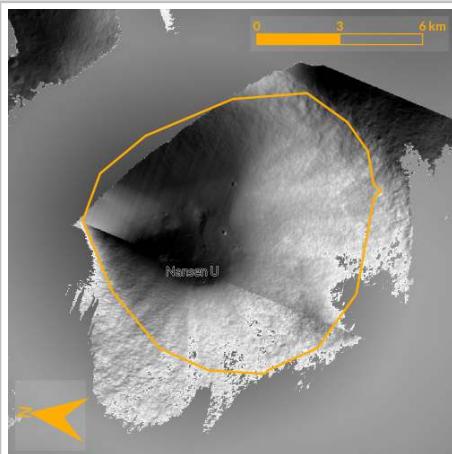
NP_814970_0828240

Lunar Features: Nansen U Crater
Centroid Latitude: 81.497
Centroid Longitude: 82.824
Area (km²): 80.00
Perimeter (km): 33.0
Pixel Scale Range (m): -
Coverage (%): 100

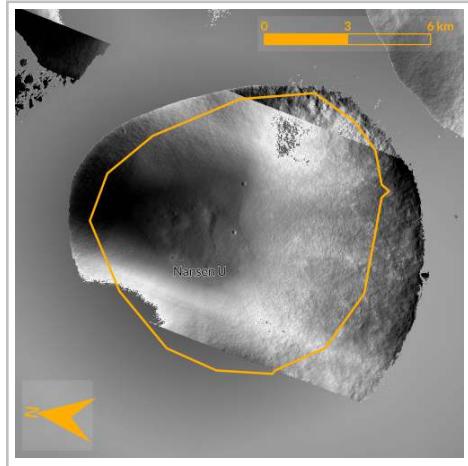
Features of Interest: 2014-042 (M1146728957L): 81.80, 81.53 (S2322 L1312) - albedo streaks on northern facing wall
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_814970_0828240



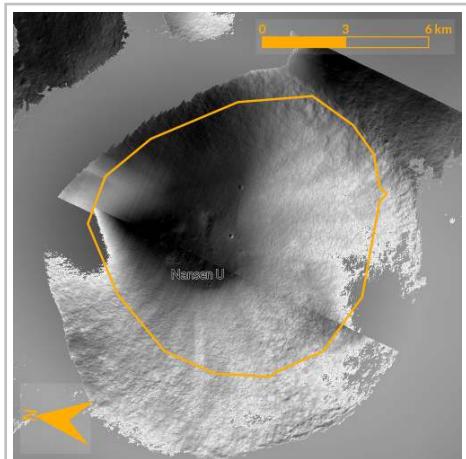
NP_814970_0828240_WAC_Color_Shade_context



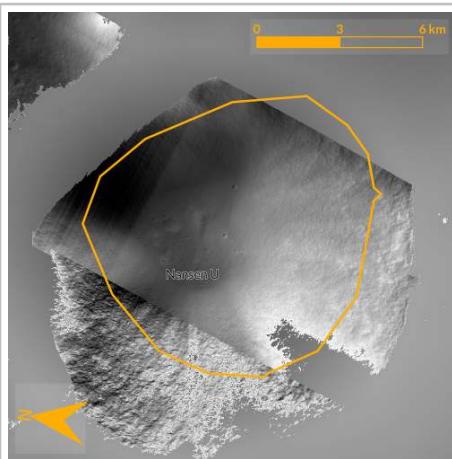
NP_814970_0828240_2013-052



NP_814970_0828240_2013-079



NP_814970_0828240_2014-042

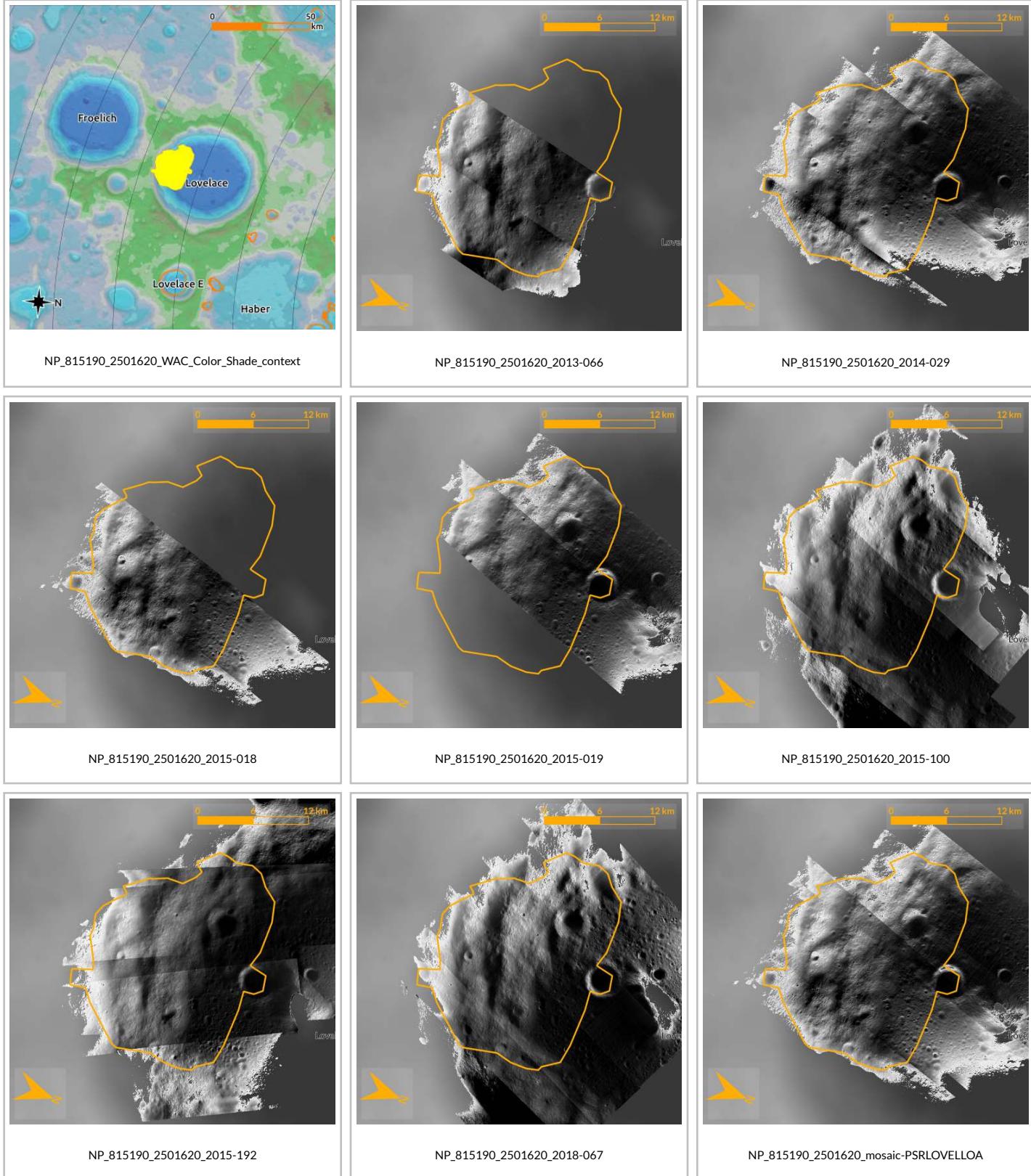


NP_814970_0828240_2015-031

NP_815190_2501620

Lunar Features: Lovelace crater
Centroid Latitude: 81.519
Centroid Longitude: 250.162
Area (km²): 339.00
Perimeter (km): 79.0
Pixel Scale Range (m): 10-20
Coverage (%): 100

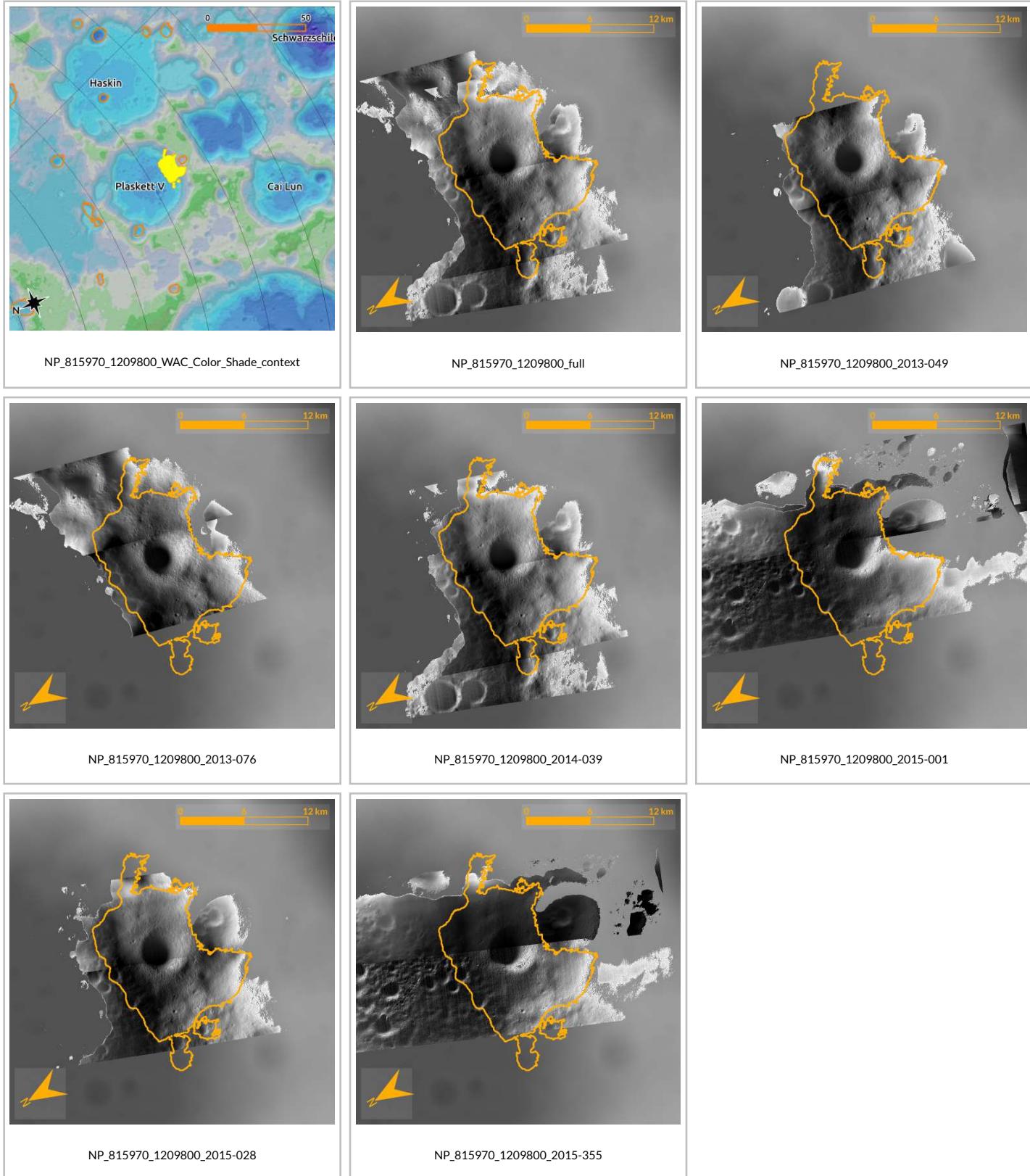
Features of Interest: 2015-018 (M1176250956L): 270.04, 81.17 (S2704 L2107) - high reflectance deposit with meandering morphology. 2015-019 (M1176265174L): 249.69, 81.78 (S3141 L3159) - bright southern crater wall
Notes: Interesting morphology
Image Lists: lroc.sese.asu.edu/psr/NP_815190_2501620



NP_815970_1209800

Lunar Features: Plaskett V Crater
Centroid Latitude: 81.597
Centroid Longitude: 120.98
Area (km²): 137.35
Perimeter (km): 144.48
Pixel Scale Range (m): 8-20
Coverage (%): 100

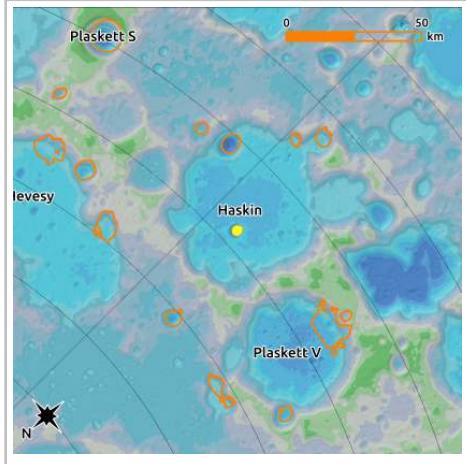
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_815970_1209800



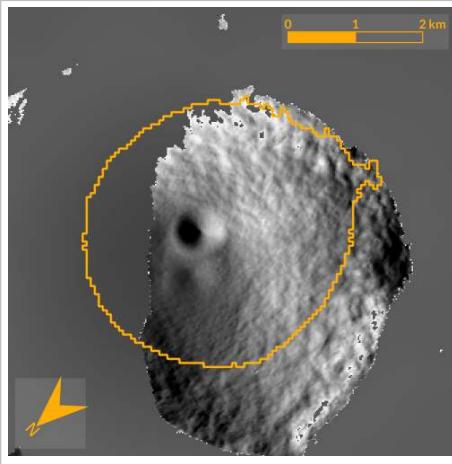
NP_817970_1322180

Lunar Features: Haskin Crater
Centroid Latitude: 81.797
Centroid Longitude: 132.218
Area (km²): 12.50
Perimeter (km): 18.72
Pixel Scale Range (m): 5-20
Coverage (%): 100

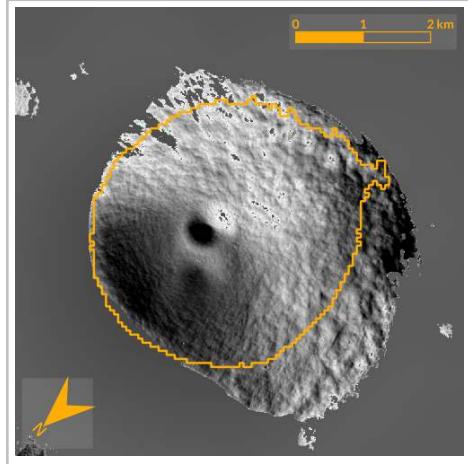
Features of Interest: 2014-065 (M1148778109L): 132.33, 81.4 (S1547 L1219) - dark albedo patches in NE portion of PSR
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_817970_1322180



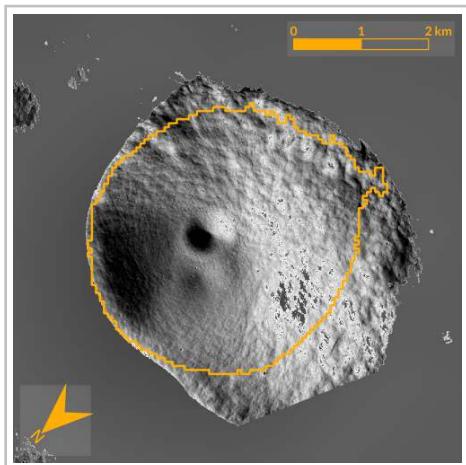
NP_817970_1322180_WAC_Color_Shade_context



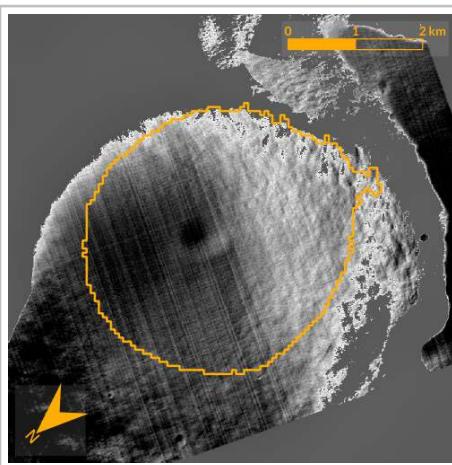
NP_817970_1322180_2013-048



NP_817970_1322180_2013-075



NP_817970_1322180_2014-065

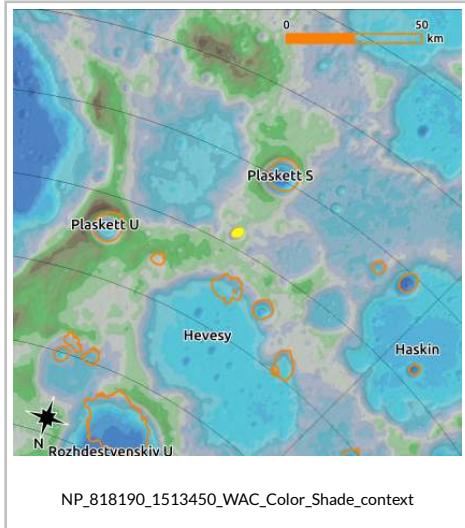


NP_817970_1322180_2014-365

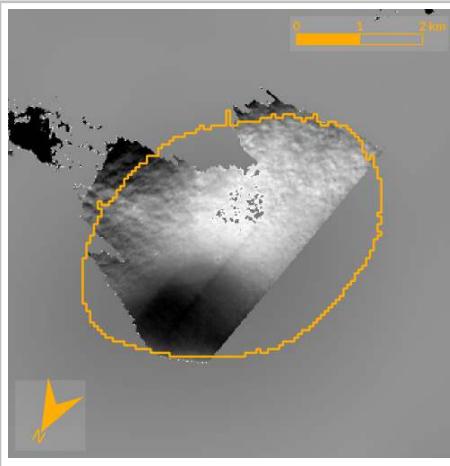
NP_818190_1513450

Lunar Features: Plaskett S Crater, Hevesy Crater
Centroid Latitude: 81.819
Centroid Longitude: 151.345
Area (km²): 14.08
Perimeter (km): 18.96
Pixel Scale Range (m): 5-20
Coverage (%): 100

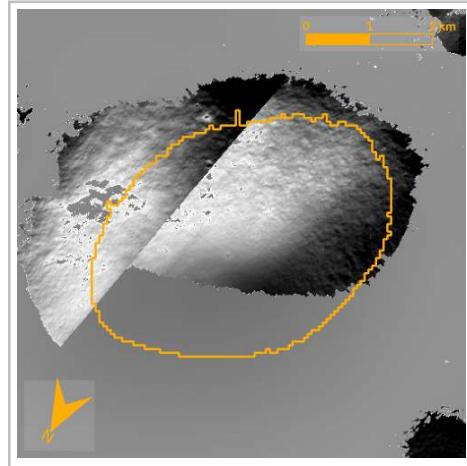
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_818190_1513450



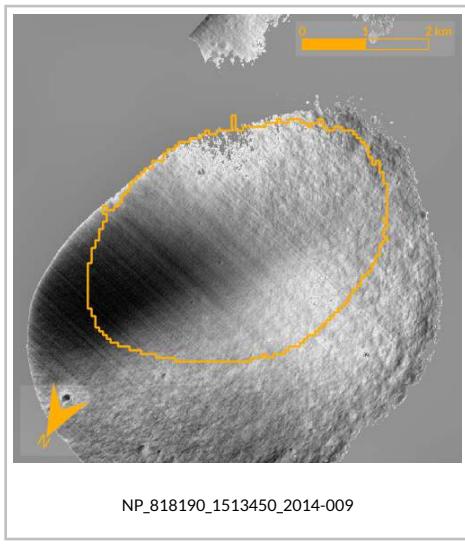
NP_818190_1513450_WAC_Color_Shade_context



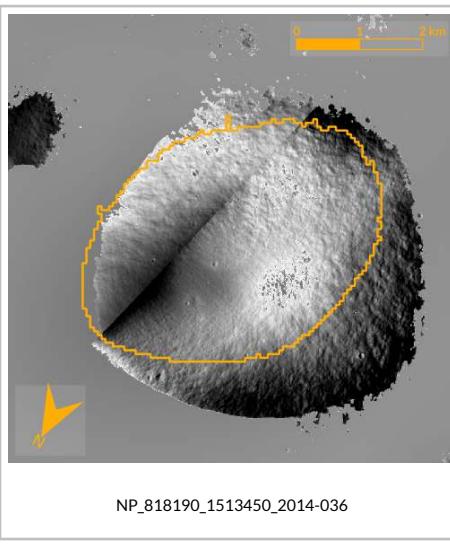
NP_818190_1513450_2013-074



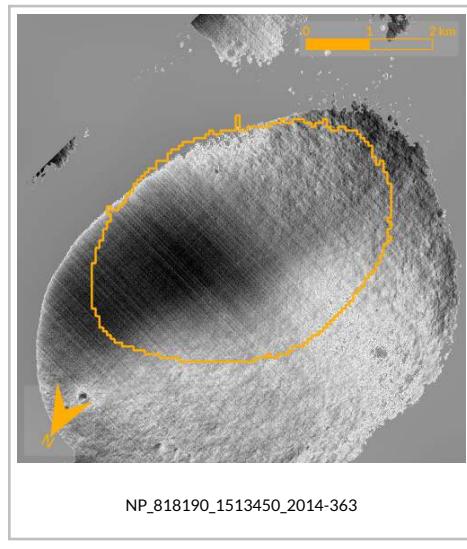
NP_818190_1513450_2013-101



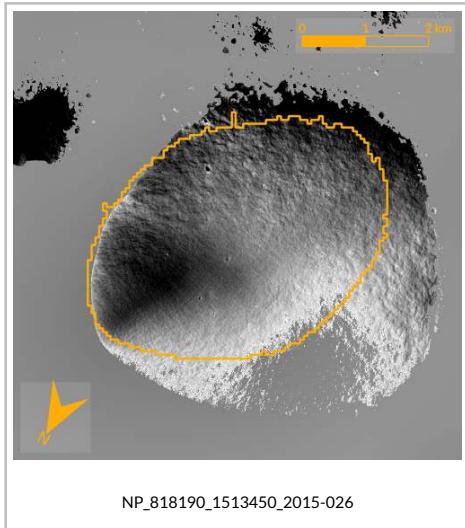
NP_818190_1513450_2014-009



NP_818190_1513450_2014-036



NP_818190_1513450_2014-363

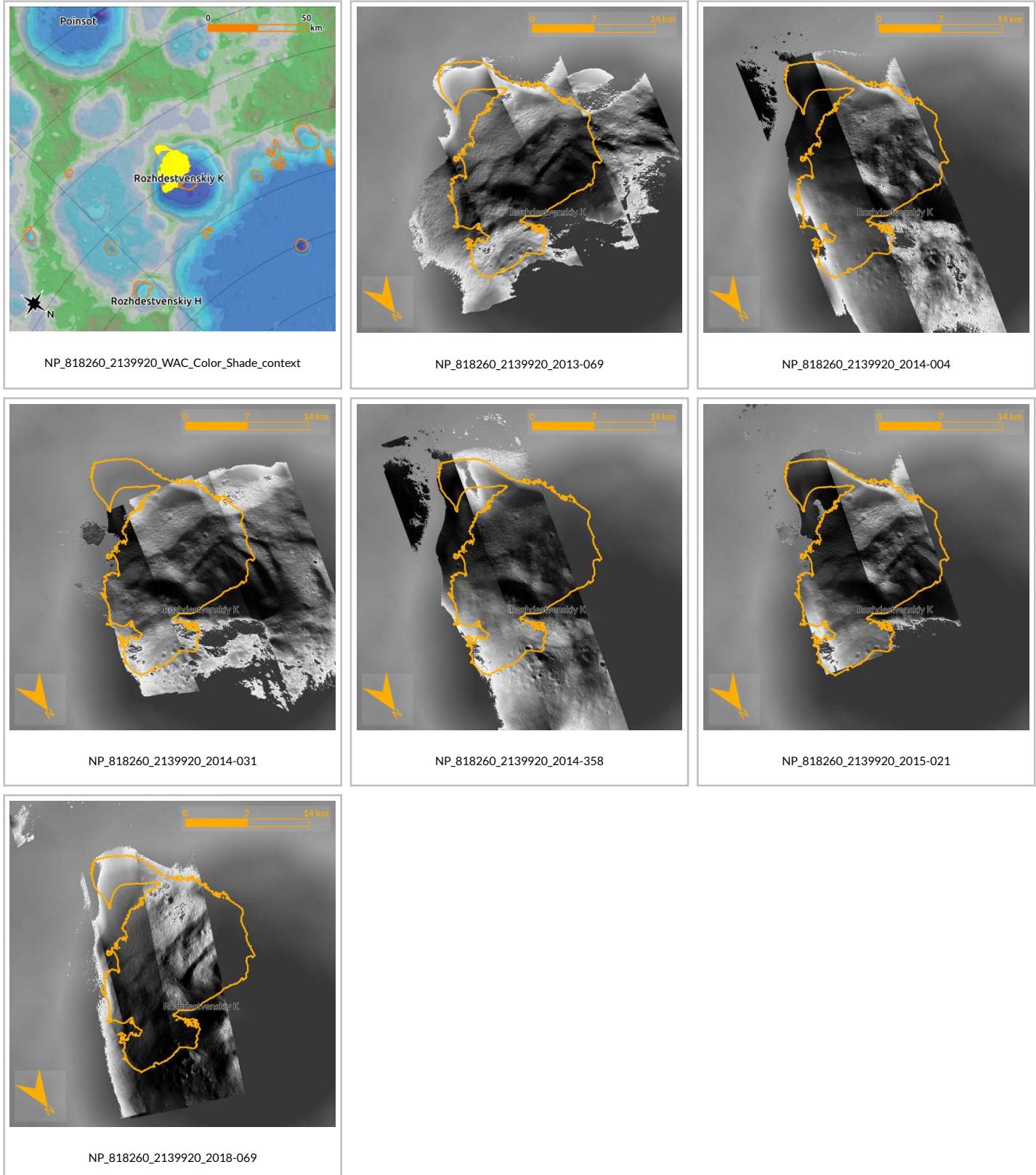


NP_818190_1513450_2015-026

NP_818260_2139920

Lunar Features: Rozhdestvenskiy K Crater
Centroid Latitude: 81.826
Centroid Longitude: 213.992
Area (km²): 255.95
Perimeter (km): 195.24
Pixel Scale Range (m): 8-20
Coverage (%): 90

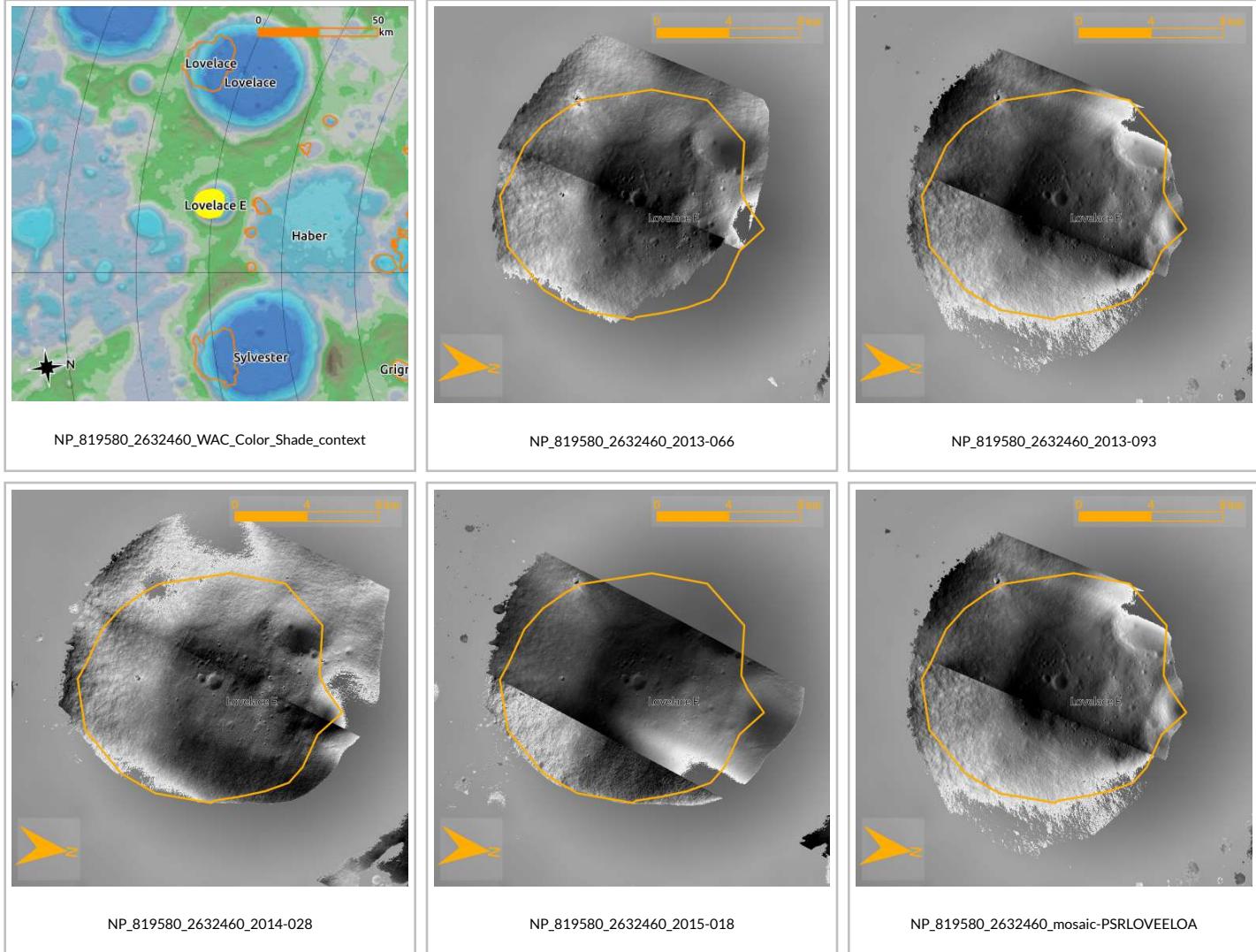
Features of Interest: 2013-069 (M1117560621R): 212.94, 81.89 (S576 L789) - wall terracing
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_818260_2139920



NP_819580_2632460

Lunar Features: Lovelace E crater
Centroid Latitude: 81.96
Centroid Longitude: 263.24
Area (km²): 140.00
Perimeter (km): 43.0
Pixel Scale Range (m): 5-20
Coverage (%): 100

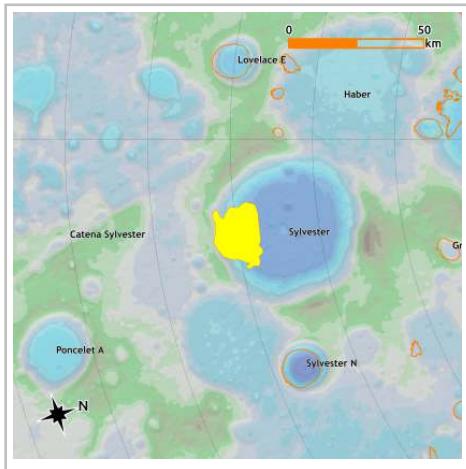
Features of Interest: 2013-093 (M1119620473L): 263.43, 81.78 (S1182 L495) - albedo streaking on northern facing crater wall. 2013-093 (M1119620473R): 262.842, 81.976 (S1539 L1120) - floor fracture
Notes:
[Image Lists: lroc.sese.asu.edu/psr/NP_819580_2632460](http://lroc.sese.asu.edu/psr/NP_819580_2632460)



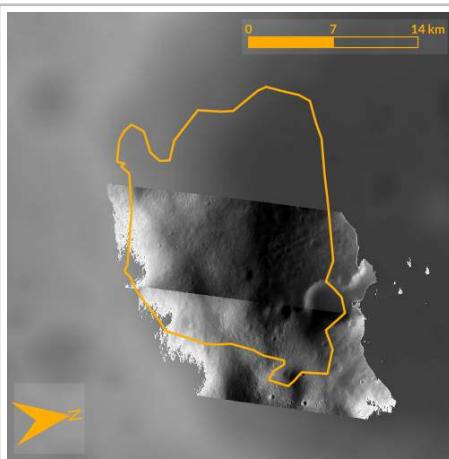
NP_820260_2783770

Lunar Features: Sylvester Crater
Centroid Latitude: 82.0262
Centroid Longitude: 278.3769
Area (km²): 317.34
Perimeter (km): 81.314
Pixel Scale Range (m): -
Coverage (%): 100

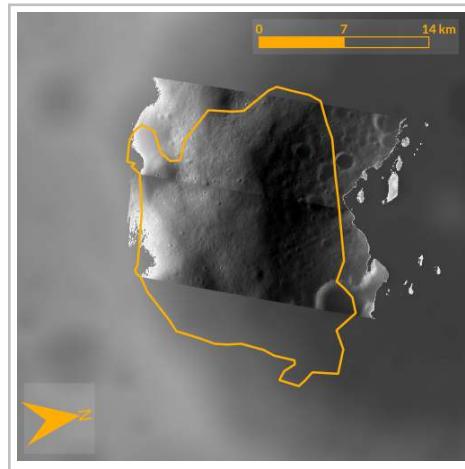
Features of Interest:
Notes: Dark crater floor
Image Lists: lroc.sese.asu.edu/psr/NP_820260_2783770



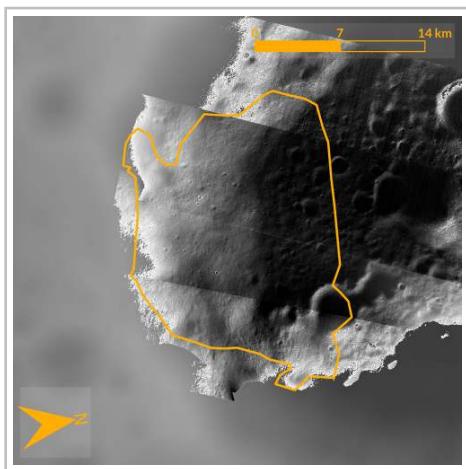
NP_820260_2783770_WAC_Color_Shade_context



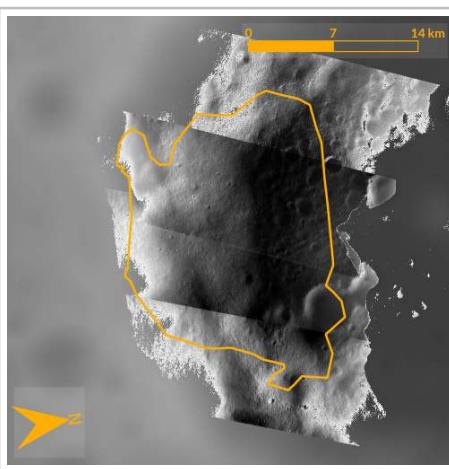
NP_820260_2783770_2013-064



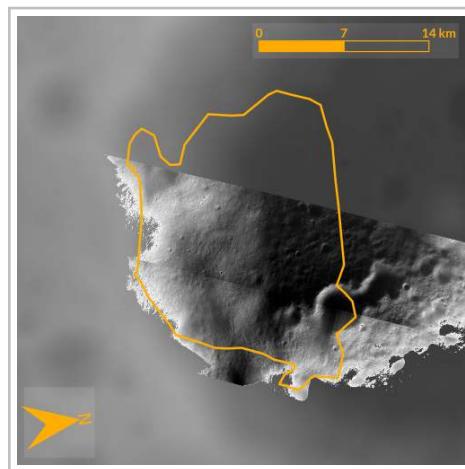
NP_820260_2783770_2013-065



NP_820260_2783770_2014-027



NP_820260_2783770_2014-054

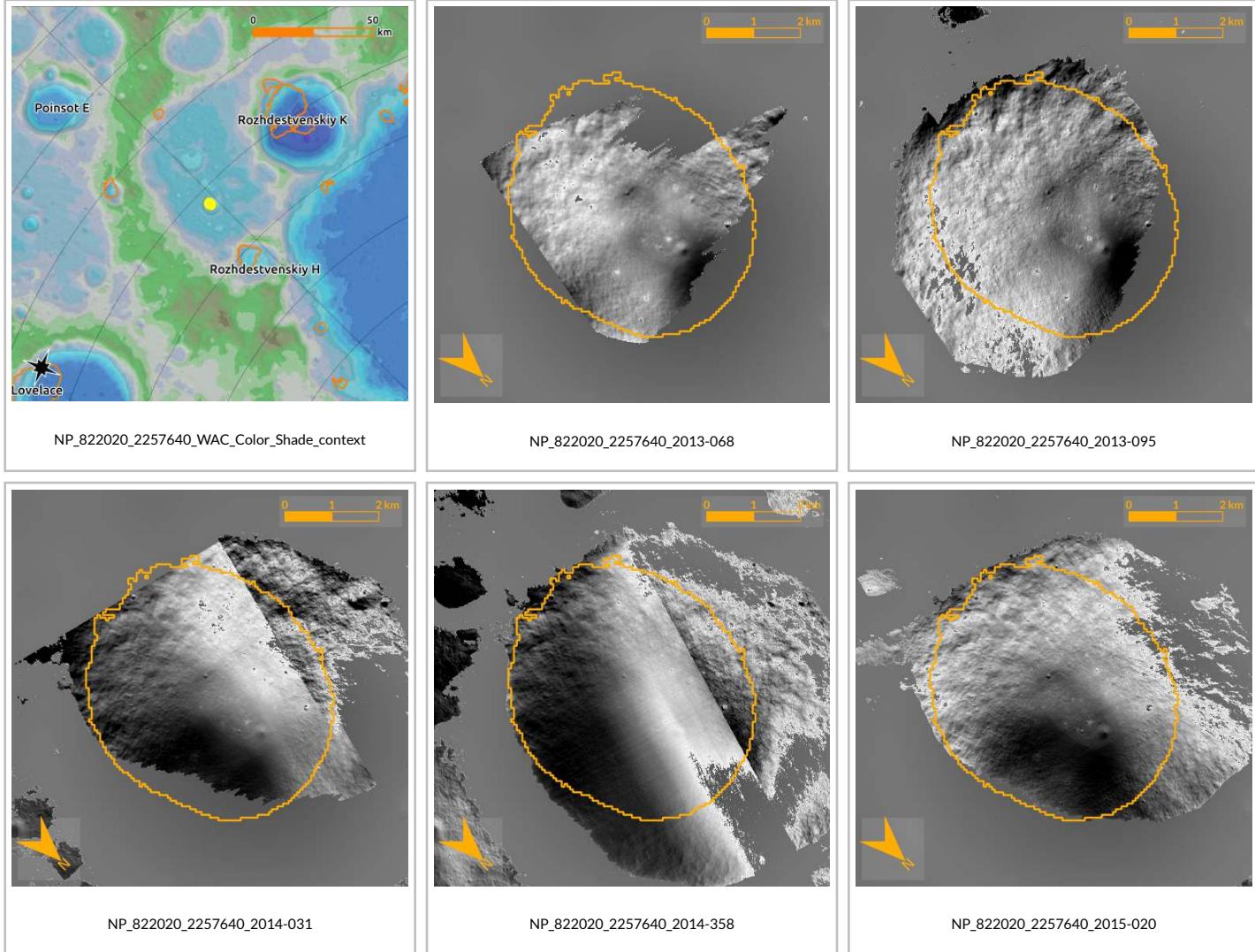


NP_820260_2783770_2015-016

NP_822020_2257640

Lunar Features: Rozhdestvenskiy H Crater, Rozhdestvenskiy K Crater
Centroid Latitude: 82.202
Centroid Longitude: 225.764
Area (km²): 21.82
Perimeter (km): 24.6
Pixel Scale Range (m): 8-20
Coverage (%): 100

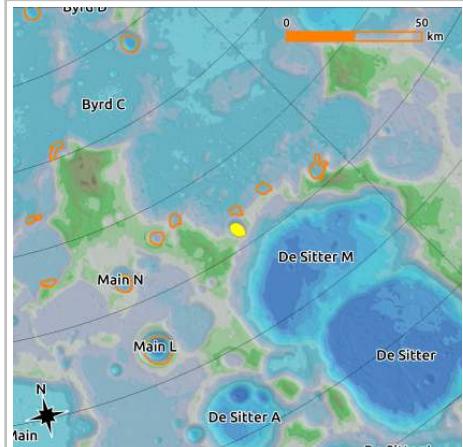
Features of Interest: 2015-020 (M1176407353R): 225.17, 82.25 (S1031 L696) & 225.74, 82.23 (S783 L864) - high albedo craters
Notes: A couple of high albedo craters
Image Lists: lroc.sese.asu.edu/psr/NP_822020_2257640



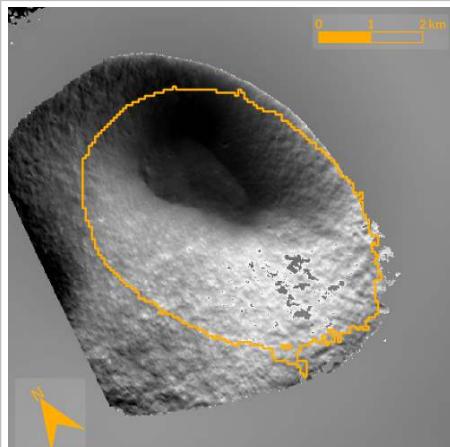
NP_822190_0335520

Lunar Features: De Sitter M Crater
Centroid Latitude: 82.219
Centroid Longitude: 33.552
Area (km²): 21.51
Perimeter (km): 26.52
Pixel Scale Range (m): 7-20
Coverage (%): 100

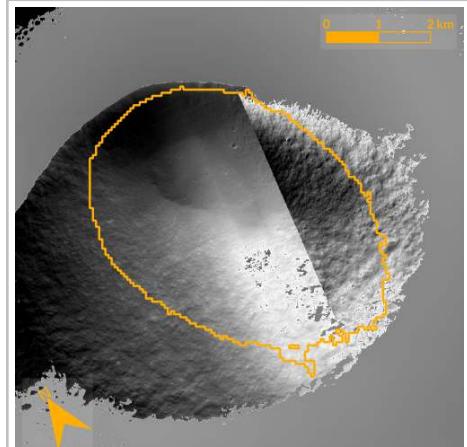
Features of Interest: 2015-362 (M1205915487R): 33.60, 82.14 (S1785 L5080) - high albedo patch
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_822190_0335520



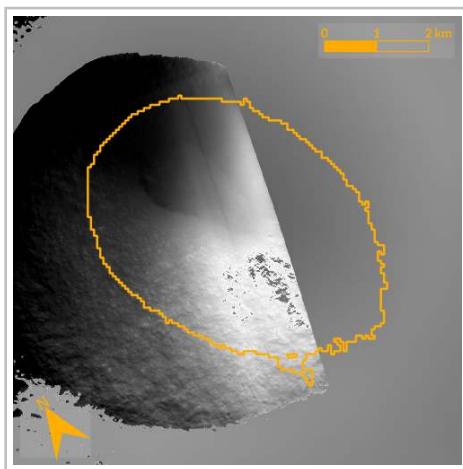
NP_822190_0335520_WAC_Color_Shade_context



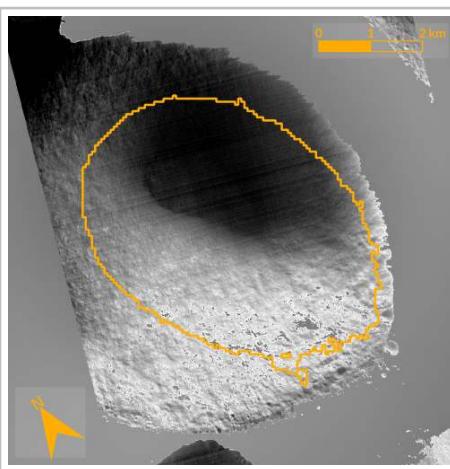
NP_822190_0335520_2013-055



NP_822190_0335520_2013-083



NP_822190_0335520_2014-045

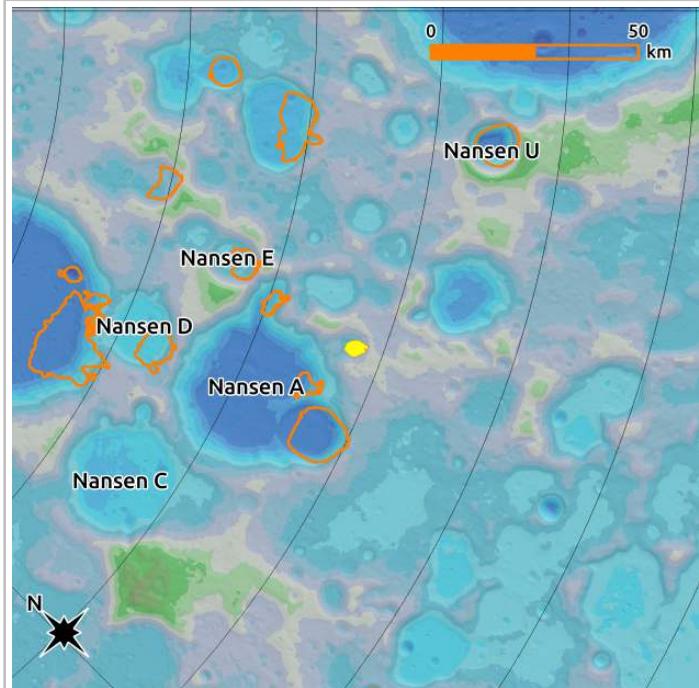


NP_822190_0335520_2015-362

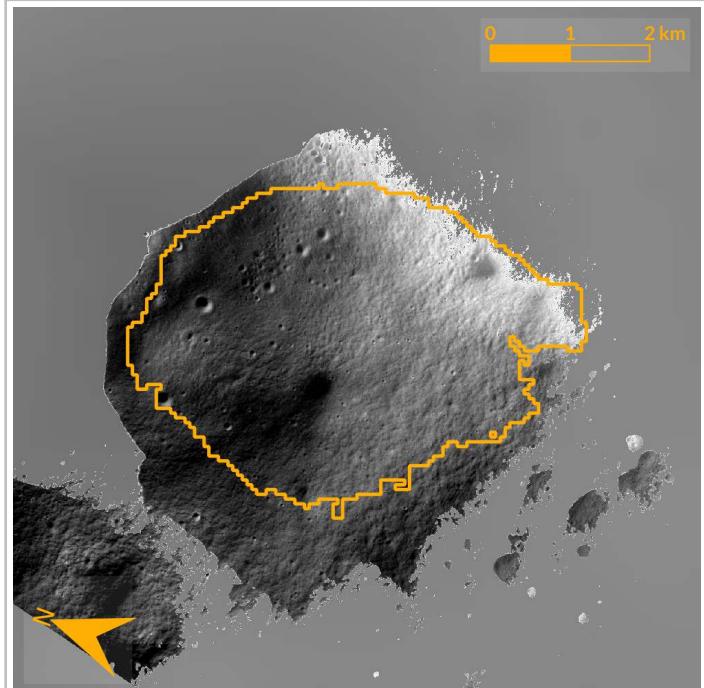
NP_822190_0698570

Lunar Features: Nansen A Crater
Centroid Latitude: 82.219
Centroid Longitude: 69.857
Area (km²): 15.81
Perimeter (km): 23.4
Pixel Scale Range (m): 5-7
Coverage (%): 100

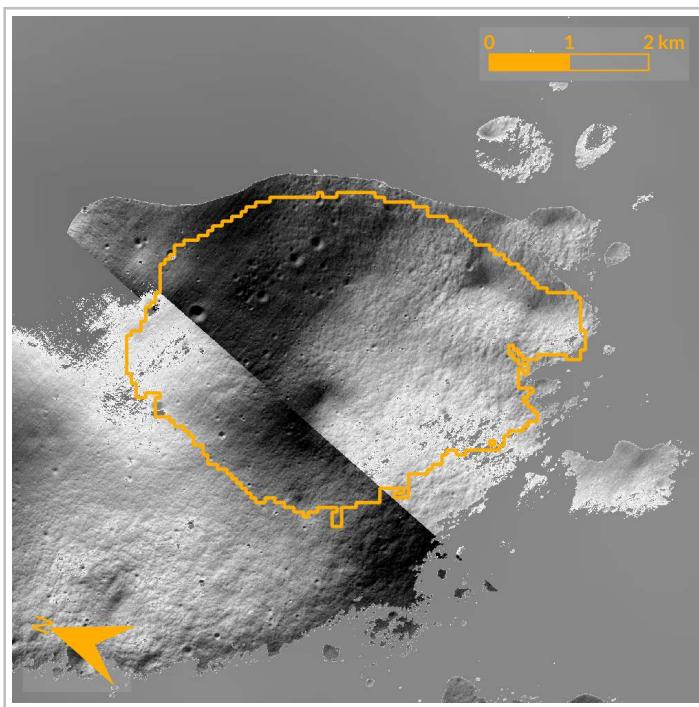
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_822190_0698570



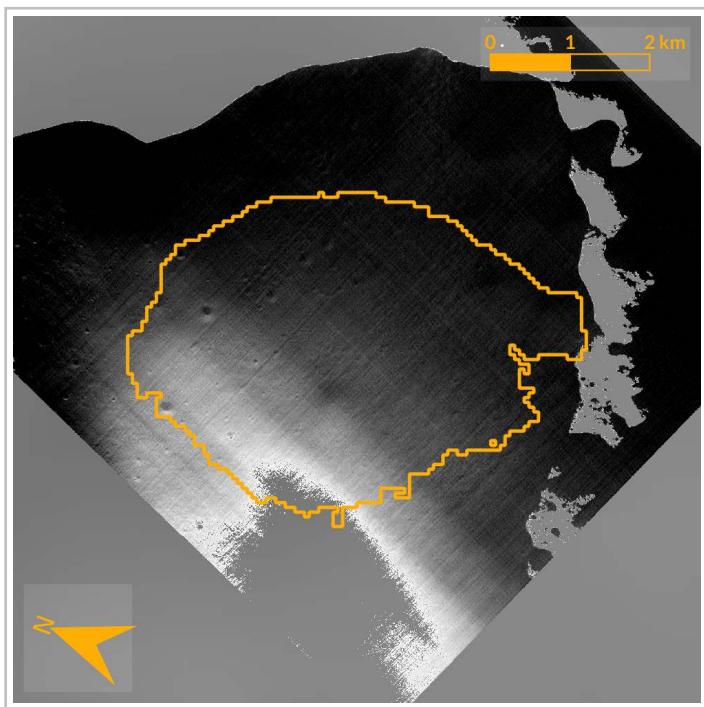
NP_822190_0698570_WAC_Color_Shade_context



NP_822190_0698570_2013-080



NP_822190_0698570_2015-032

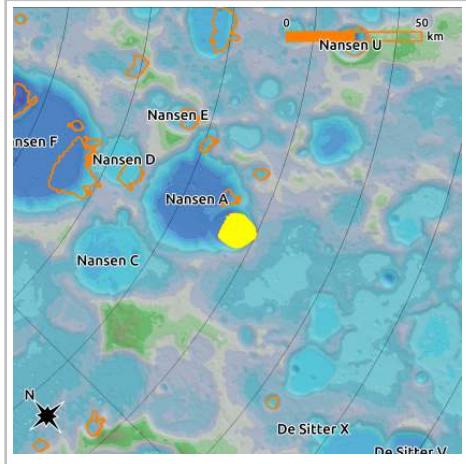


NP_822190_0698570_2015-332

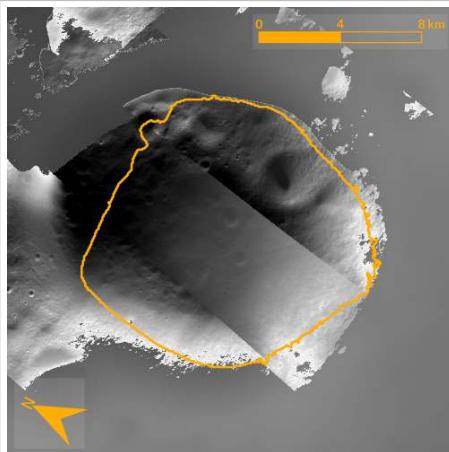
NP_822200_0643010

Lunar Features: Nansen A Crater
Centroid Latitude: 82.22
Centroid Longitude: 64.301
Area (km²): 135.03
Perimeter (km): 66.6
Pixel Scale Range (m): 8-20
Coverage (%): 100

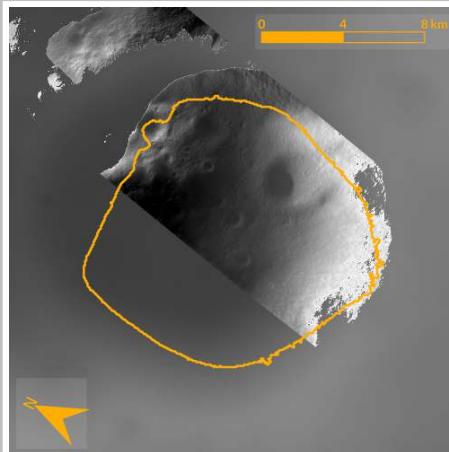
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_822200_0643010



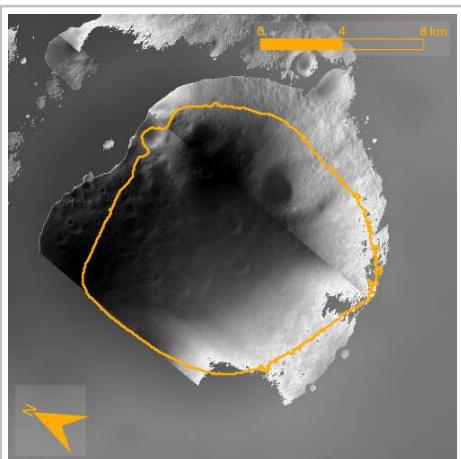
NP_822200_0643010_WAC_Color_Shade_context



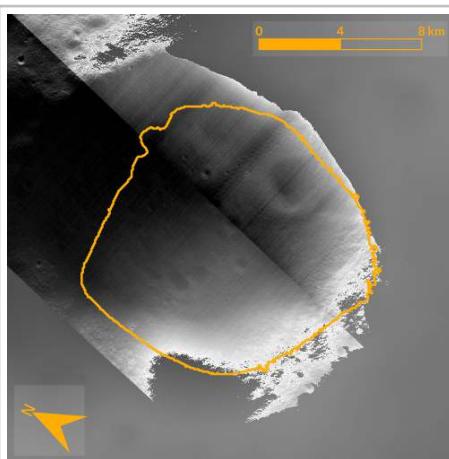
NP_822200_0643010_2013-053



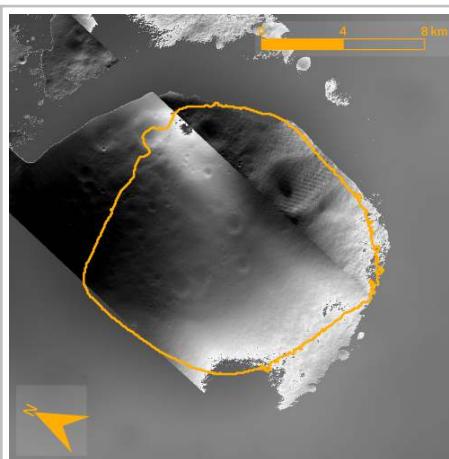
NP_822200_0643010_2013-080



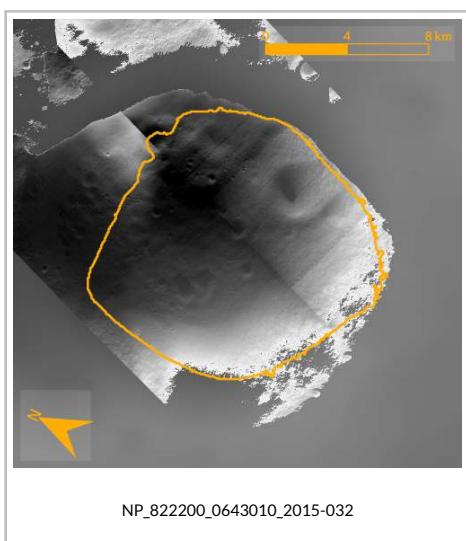
NP_822200_0643010_2013-081



NP_822200_0643010_2014-016



NP_822200_0643010_2014-043

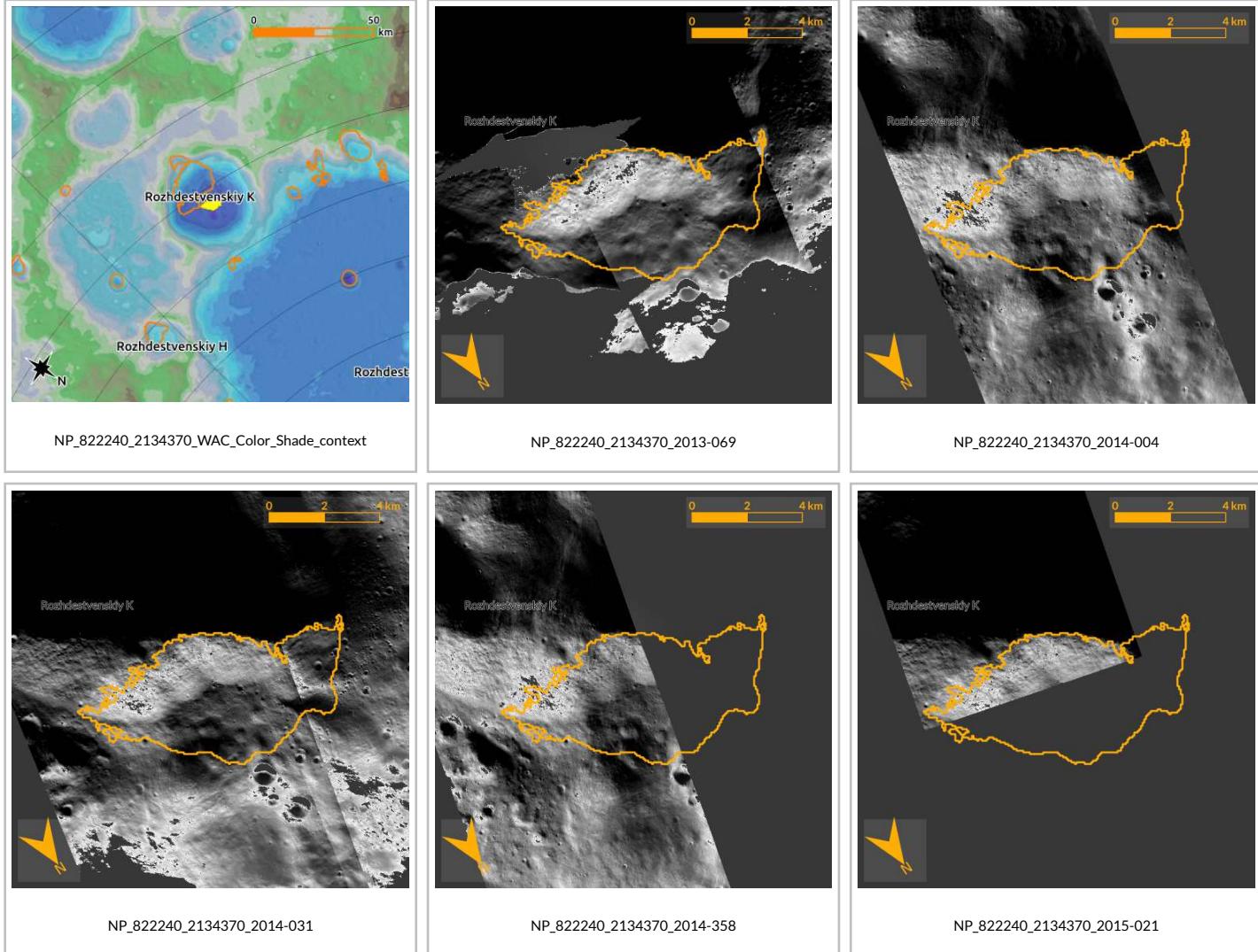


NP_822200_0643010_2015-032

NP_822240_2134370

Lunar Features: Rozhdestvenskiy K Crater
Centroid Latitude: 82.224
Centroid Longitude: 213.437
Area (km²): 29.33
Perimeter (km): 48.96
Pixel Scale Range (m): 8-20
Coverage (%): 100

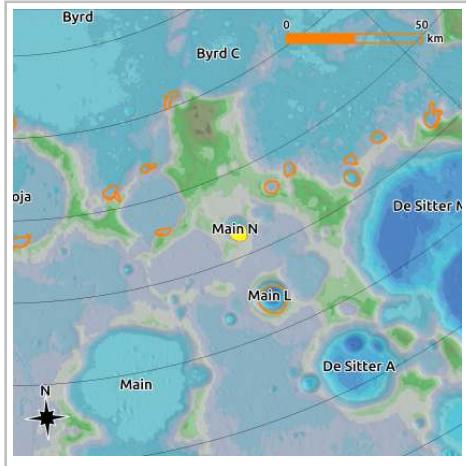
Features of Interest: 2014-004 (M1143479514L): 213.76, 82.17 (S1256 L2440) - visible boulder patch
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_822240_2134370



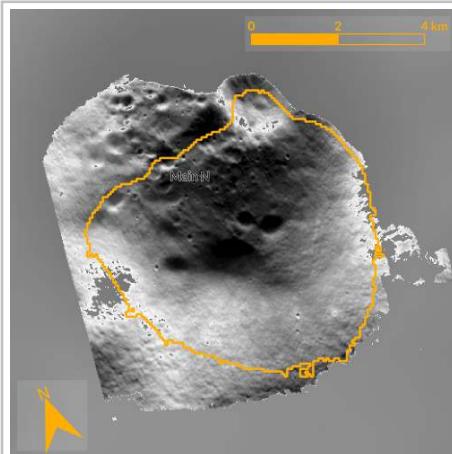
NP_822840_0222200

Lunar Features: Main N Crater
Centroid Latitude: 82.284
Centroid Longitude: 22.22
Area (km²): 30.00
Perimeter (km): 31.2
Pixel Scale Range (m): 5-20
Coverage (%): 100

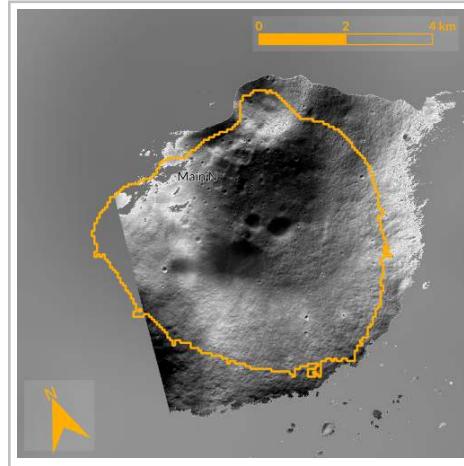
Features of Interest: 2013-111 (M1121168458L): 22.44, 82.28 (S896 L884) - flooded or degraded craters in the middle
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_822840_0222200



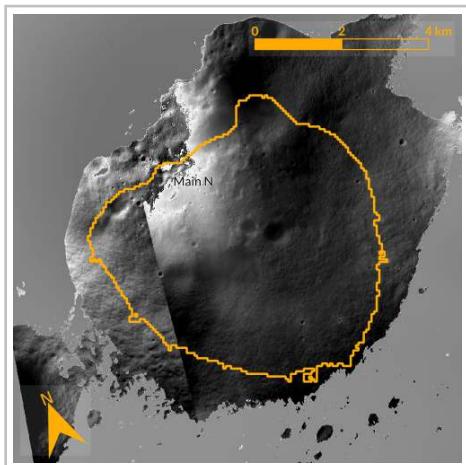
NP_822840_0222200_WAC_Color_Shade_context



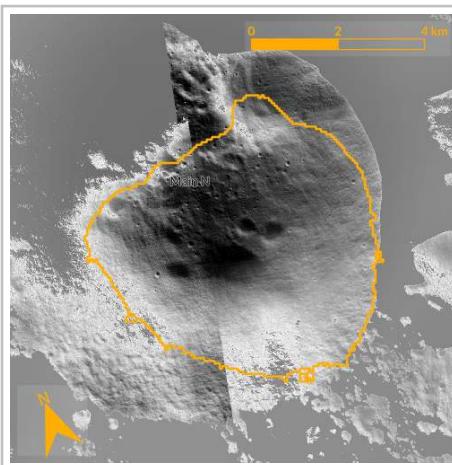
NP_822840_0222200_2013-056



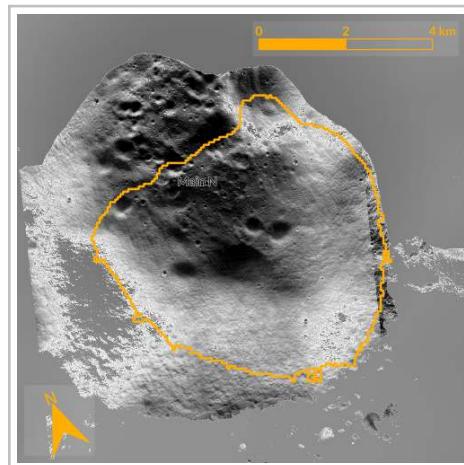
NP_822840_0222200_2013-083



NP_822840_0222200_2013-111



NP_822840_0222200_2014-019

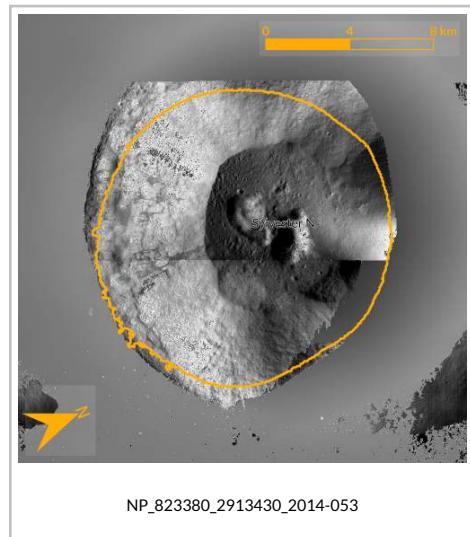
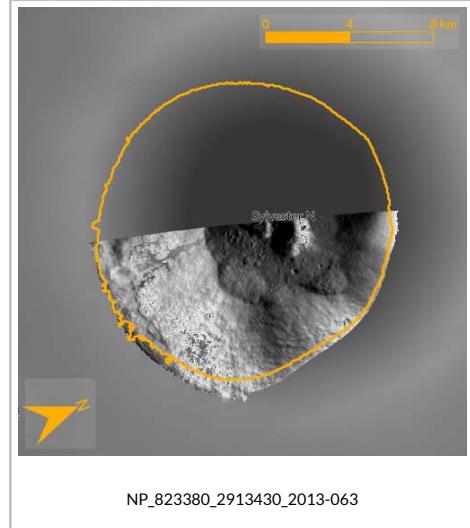
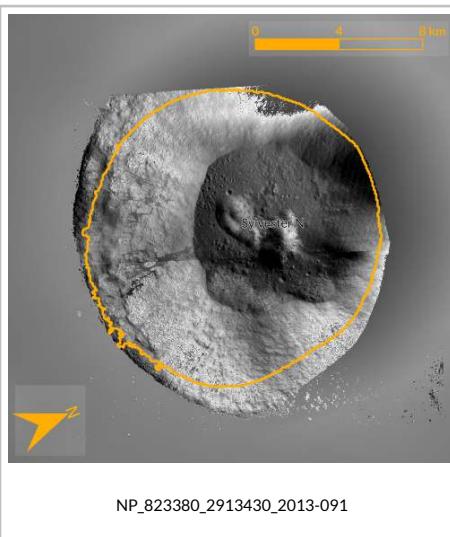
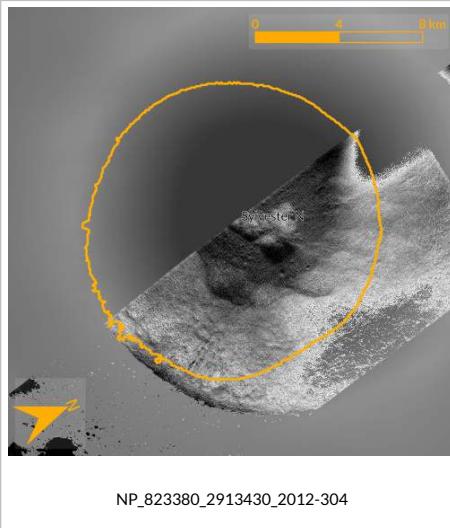
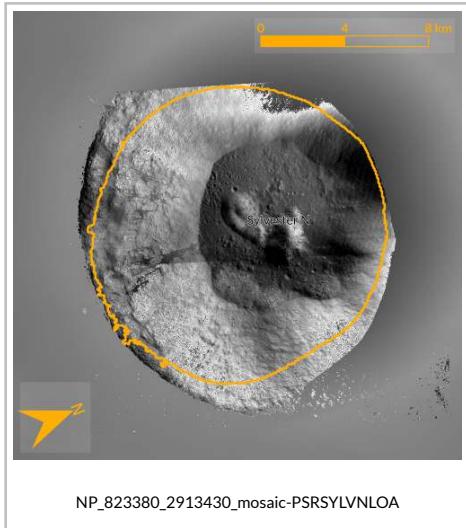
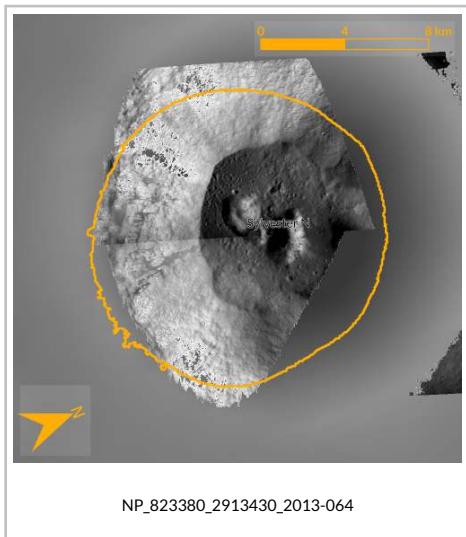
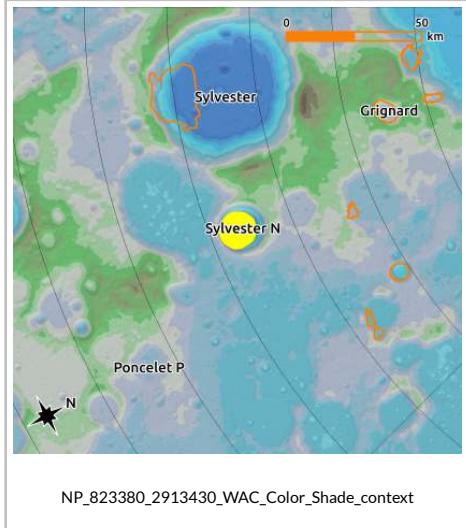


NP_822840_0222200_2015-035

NP_823380_2913430

Lunar Features: Sylvester N Crater,
Centroid Latitude: 82.338
Centroid Longitude: 291.343
Area (km²): 154.55
Perimeter (km): 64.92
Pixel Scale Range (m): 2-20
Coverage (%): 100

Features of Interest: 2013-091 (M1119450011L): 292.85, 82.23 (S1225 L1080) - Dark albedo streaks on northern and western facing crater walls
Notes: Hummocky terrain and interesting albedo features
Image Lists: lroc.sese.asu.edu/psr/NP_823380_2913430

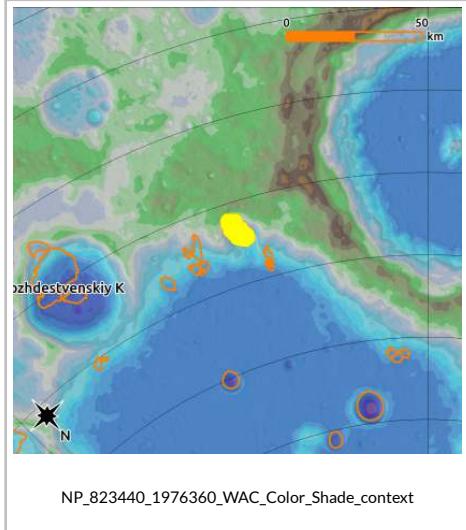


NP_823380_2913430_mosaic-PSRSYLVNLOA

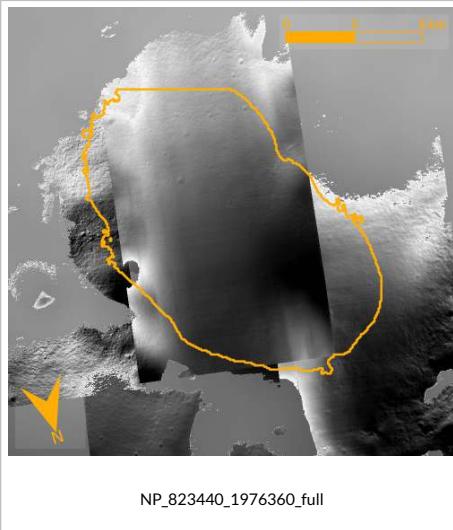
NP_823440_1976360

Lunar Features: Rozhdestvenskiy K Crater, Plaskett Crater
Centroid Latitude: 82.344
Centroid Longitude: 197.636
Area (km²): 111.50
Perimeter (km): 64.08
Pixel Scale Range (m): 10-20
Coverage (%): 50

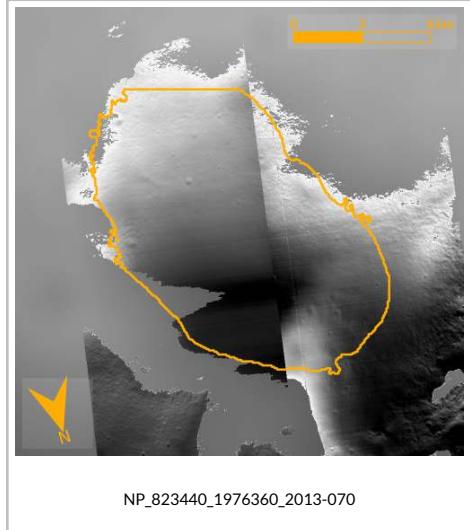
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_823440_1976360



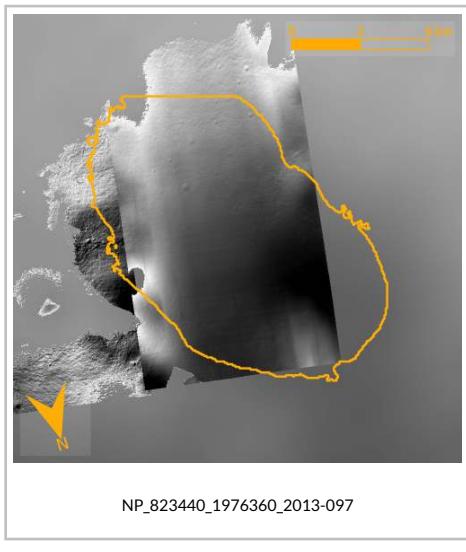
NP_823440_1976360_WAC_Color_Shade_context



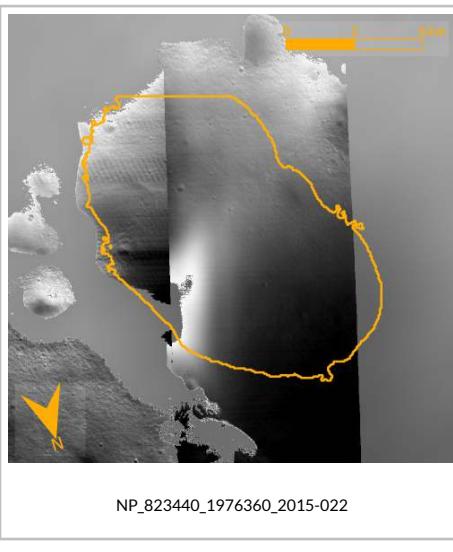
NP_823440_1976360_full



NP_823440_1976360_2013-070



NP_823440_1976360_2013-097

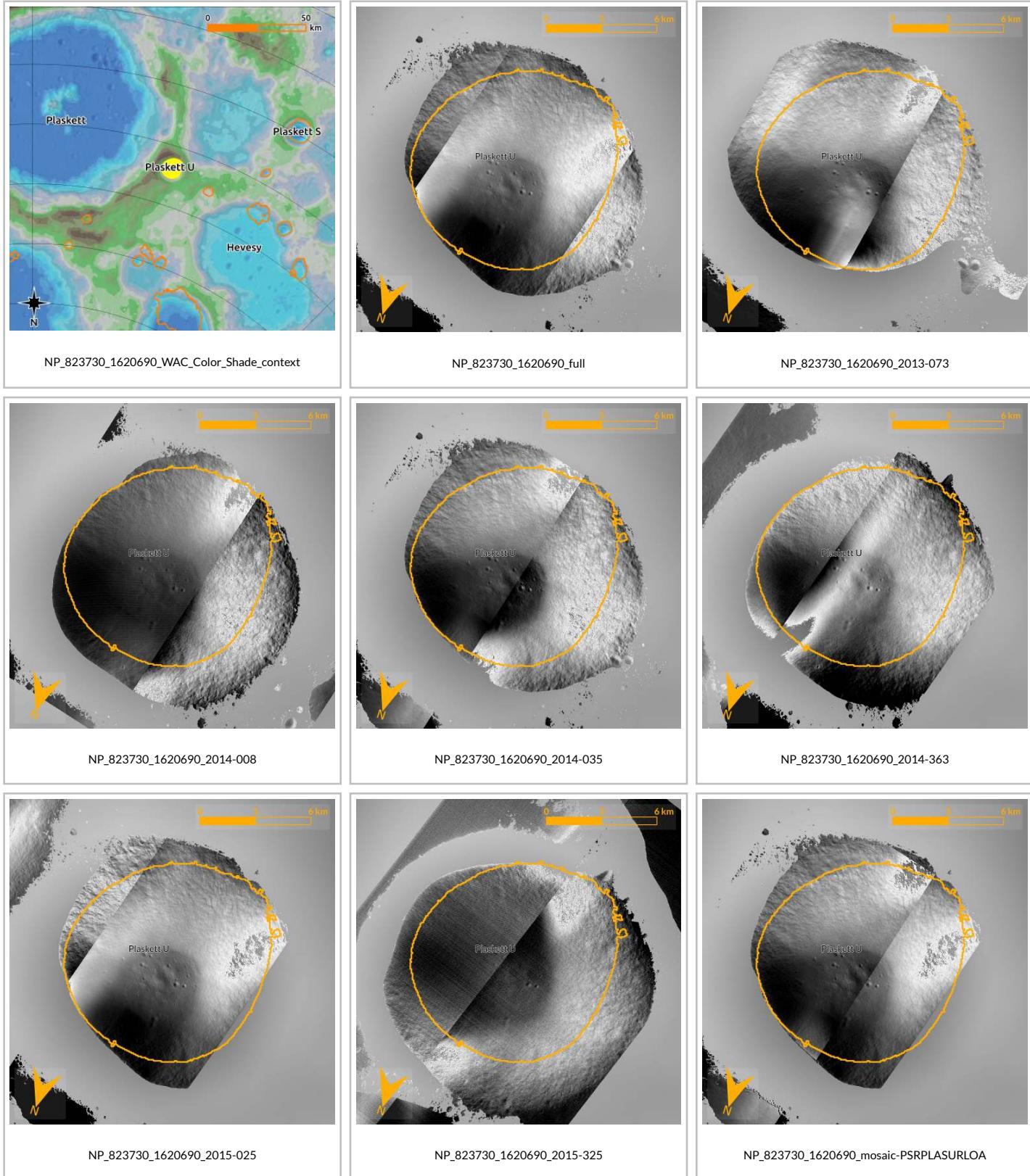


NP_823440_1976360_2015-022

NP_823730_1620690

Lunar Features: Plaskett U Crater
Centroid Latitude: 82.373
Centroid Longitude: 162.069
Area (km²): 93.99
Perimeter (km): 52.68
Pixel Scale Range (m): 5-20
Coverage (%): 100

Features of Interest: 2015-025 (M1176812371L): 160.99, 82.41 (S8362 L5433) - boulder track
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_823730_1620690



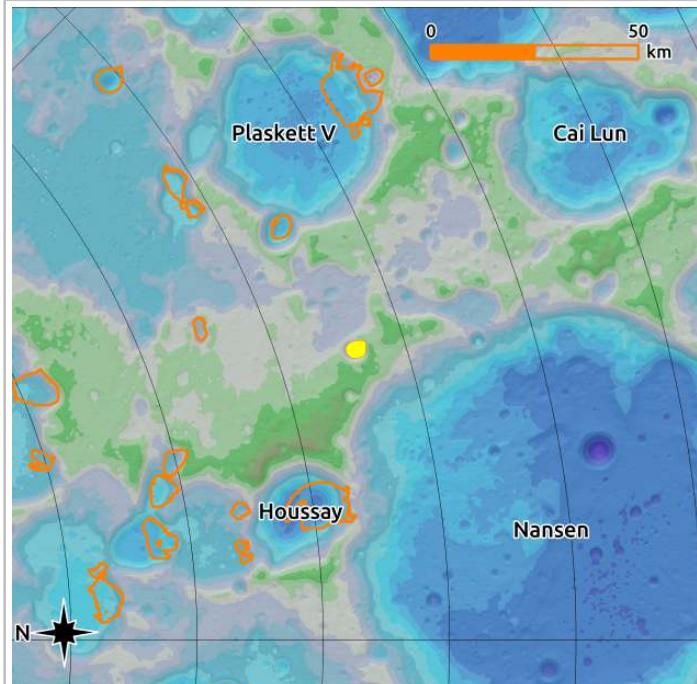
NP_823800_1076420

Lunar Features: Plaskett V Crater, Houssay Crater
Centroid Latitude: 82.38
Centroid Longitude: 107.642
Area (km²): 17.05
Perimeter (km): 21.24
Pixel Scale Range (m): 8-20
Coverage (%): 70

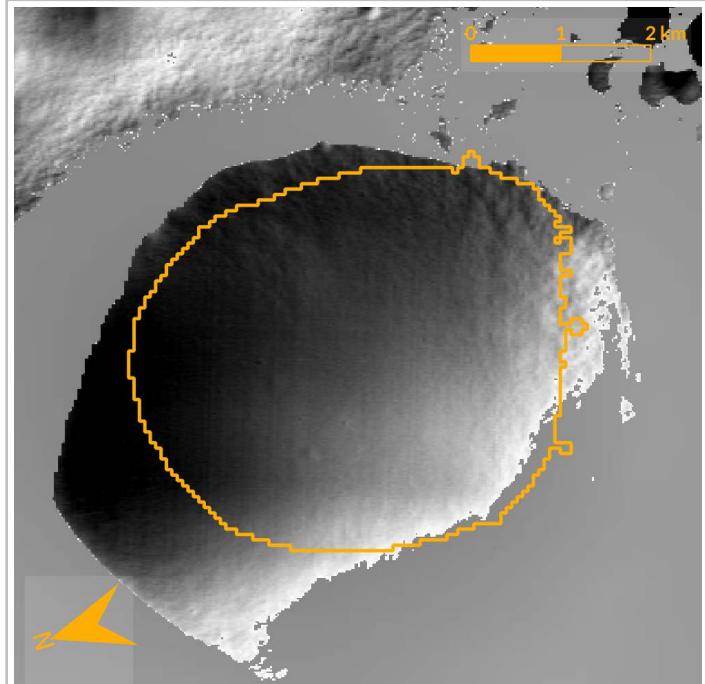
Features of Interest:

Notes:

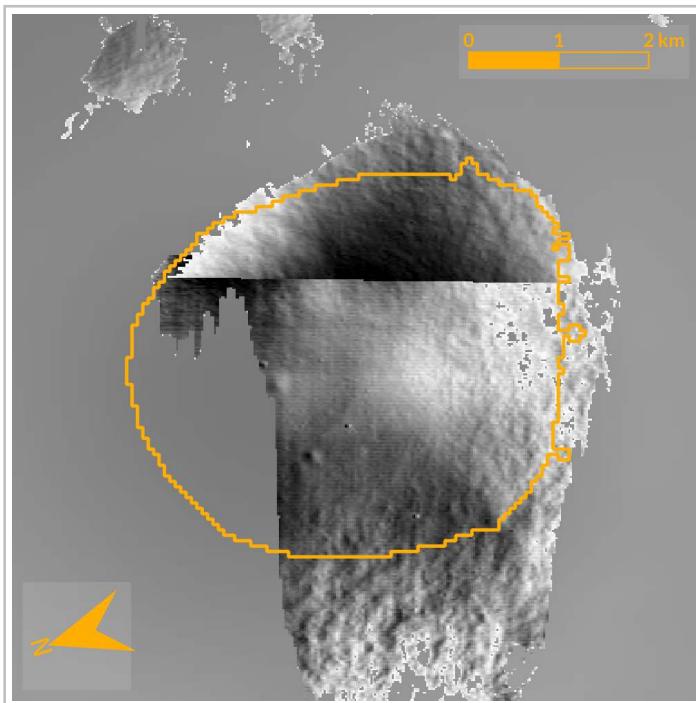
Image Lists: lroc.sese.asu.edu/psr/NP_823800_1076420



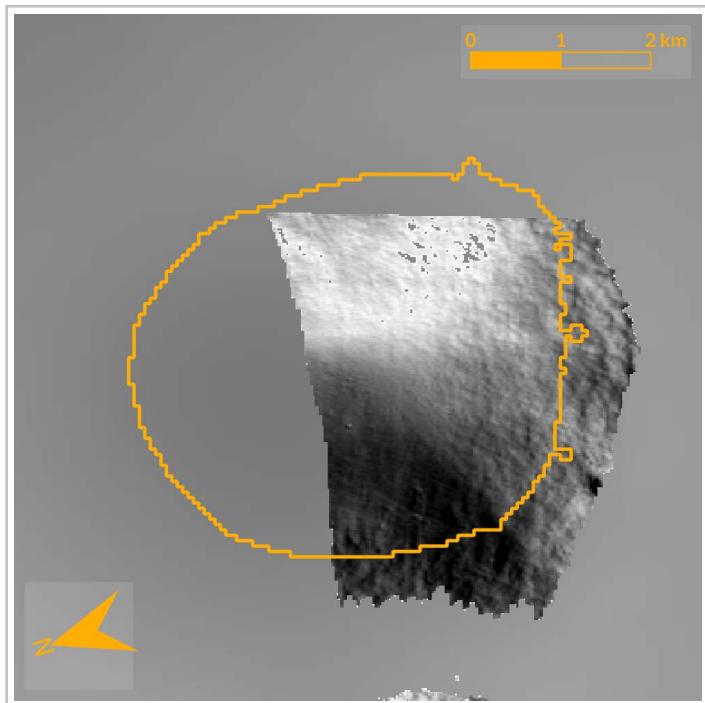
NP_823800_1076420_WAC_Color_Shade_context



NP_823800_1076420_2013-050



NP_823800_1076420_2013-078



NP_823800_1076420_2013-105

NP_824230_0343900

Lunar Features: Main N Satellite Feature, Byrd C Satellite Feature, De Sitter Crater

Centroid Latitude: 82.423

Centroid Longitude: 34.39

Area (km²): 11.00

Perimeter (km): 22.0

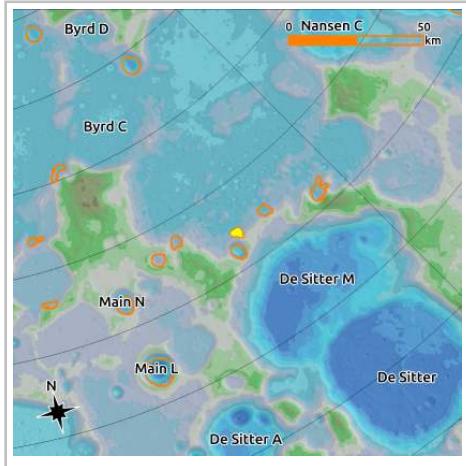
Pixel Scale Range (m): 7-20

Coverage (%): 75

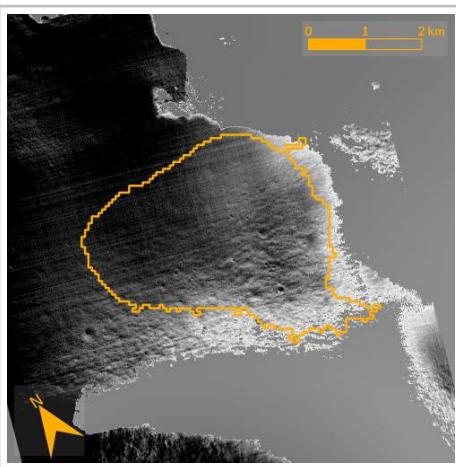
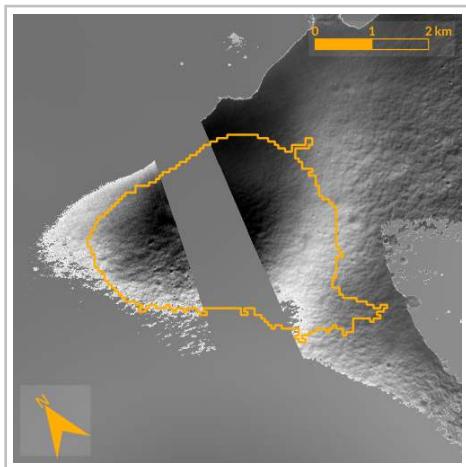
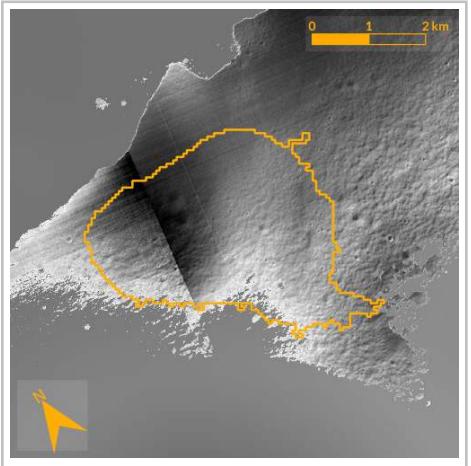
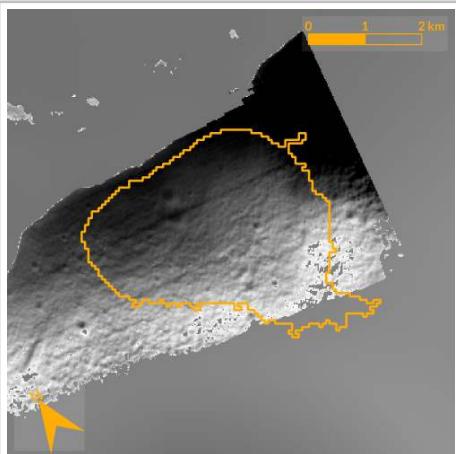
Features of Interest:

Notes:

Image Lists: lroc.sese.asu.edu/psr/NP_824230_0343900



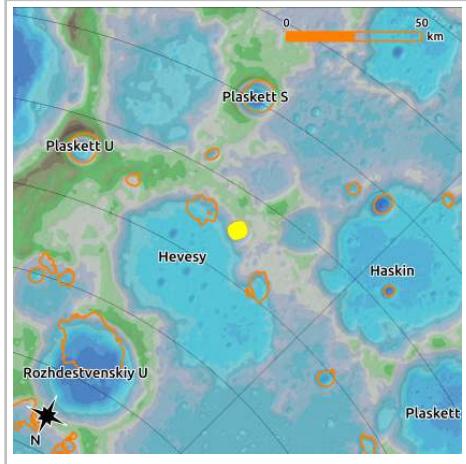
NP_824230_0343900_WAC_Color_Shade_context



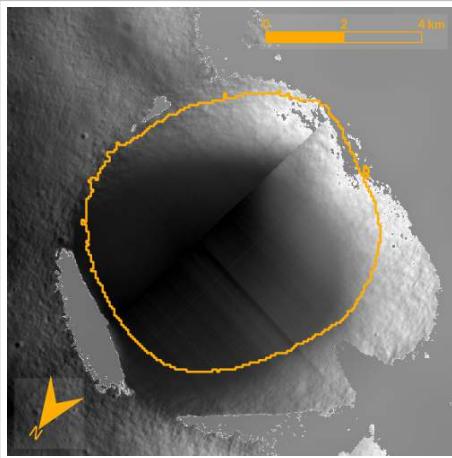
NP_824530_1459090

Lunar Features: Hevesy Crater
Centroid Latitude: 82.453
Centroid Longitude: 145.909
Area (km²): 41.71
Perimeter (km): 32.16
Pixel Scale Range (m): 5-20
Coverage (%): 60

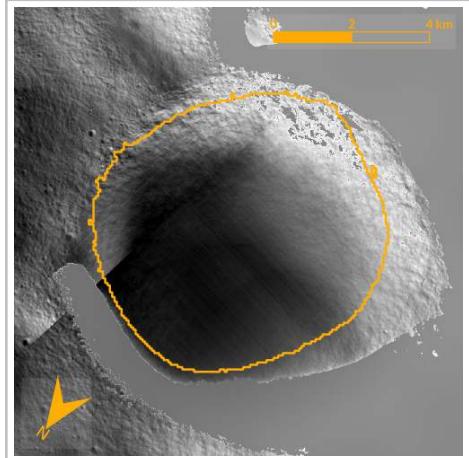
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_824530_1459090



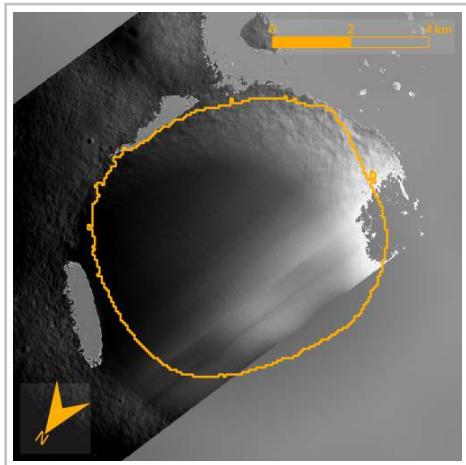
NP_824530_1459090_WAC_Color_Shade_context



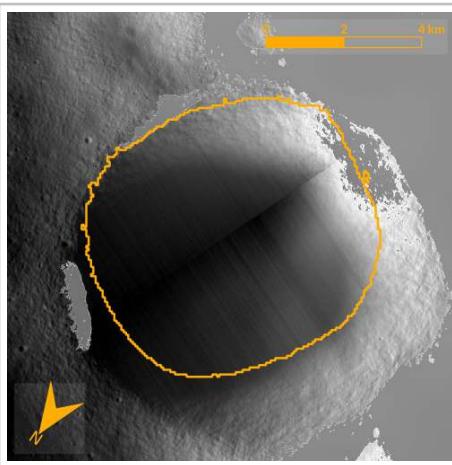
NP_824530_1459090_2013-047



NP_824530_1459090_2013-074



NP_824530_1459090_2014-037

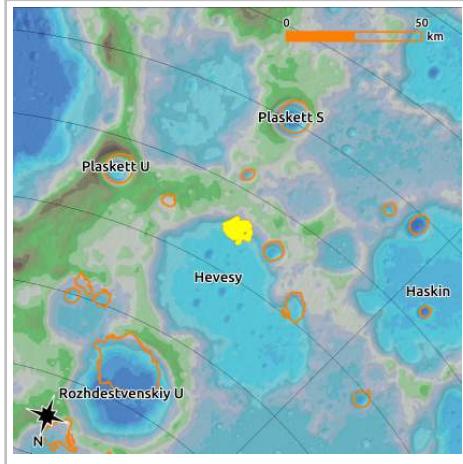


NP_824530_1459090_2015-026

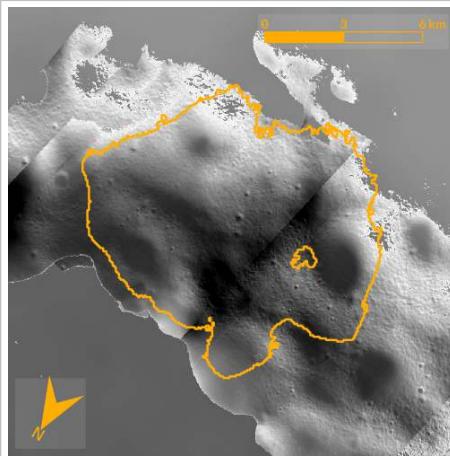
NP_824660_1497060

Lunar Features: Hevesy Crater
Centroid Latitude: 82.46°
Centroid Longitude: 149.706°
Area (km²): 80.95
Perimeter (km): 74.88
Pixel Scale Range (m): 5-20
Coverage (%): 100

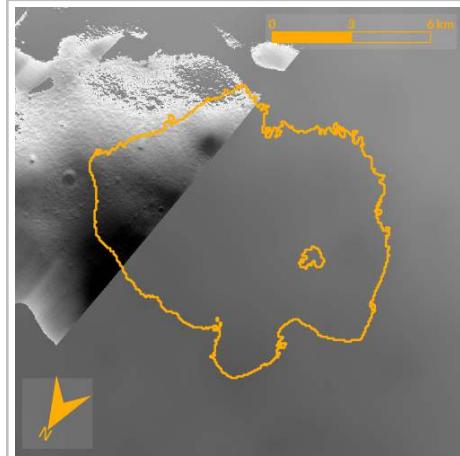
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_824660_1497060



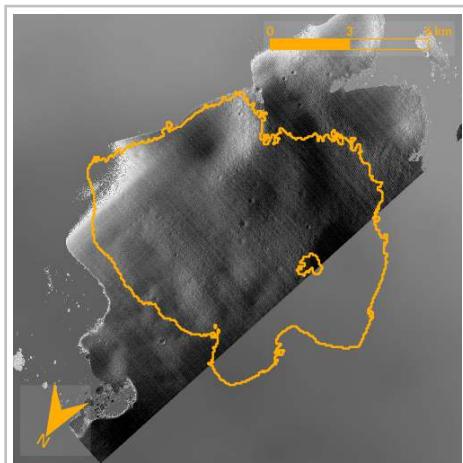
NP_824660_1497060_WAC_Color_Shade_context



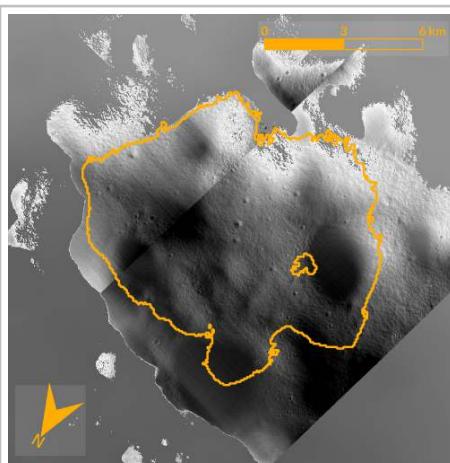
NP_824660_1497060_2013-074



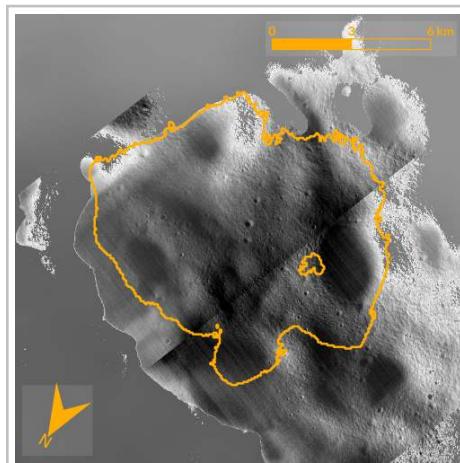
NP_824660_1497060_2013-101



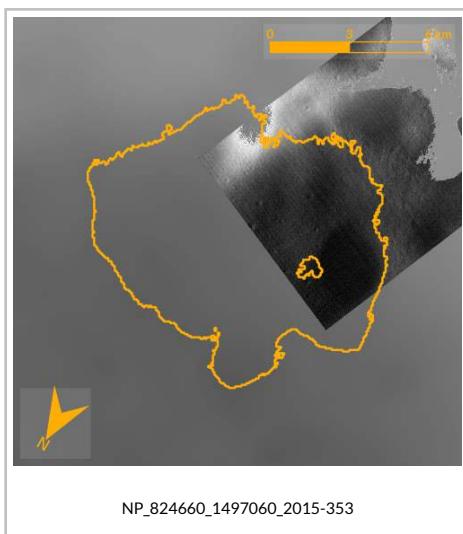
NP_824660_1497060_2014-009



NP_824660_1497060_2014-036



NP_824660_1497060_2015-026

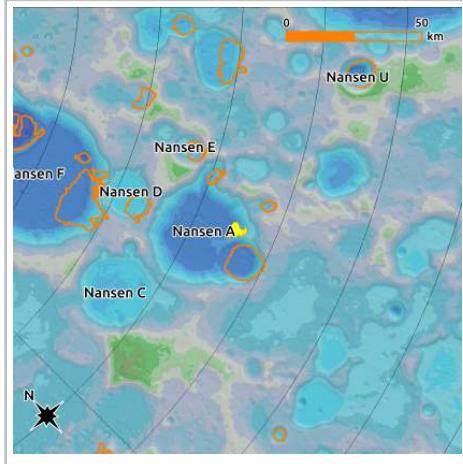


NP_824660_1497060_2015-353

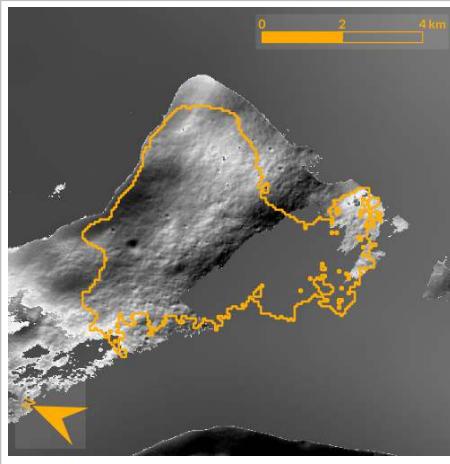
NP_824710_0666940

Lunar Features: Nansen A Crater
Centroid Latitude: 82.471
Centroid Longitude: 66.694
Area (km²): 24.54
Perimeter (km): 56.16
Pixel Scale Range (m): 8-20
Coverage (%): 100

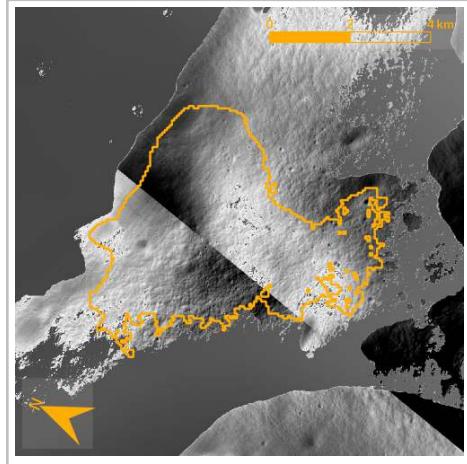
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_824710_0666940



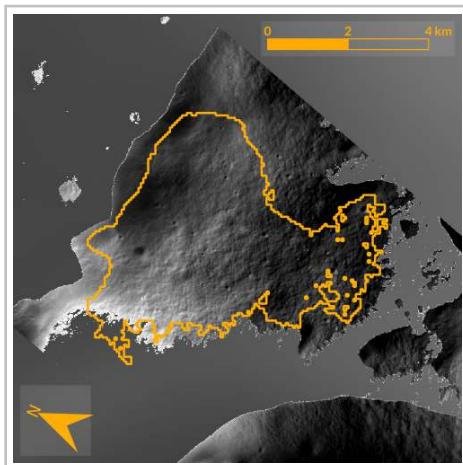
NP_824710_0666940_WAC_Color_Shade_context



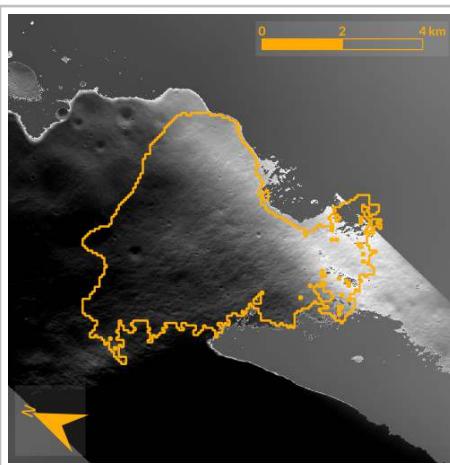
NP_824710_0666940_2013-053



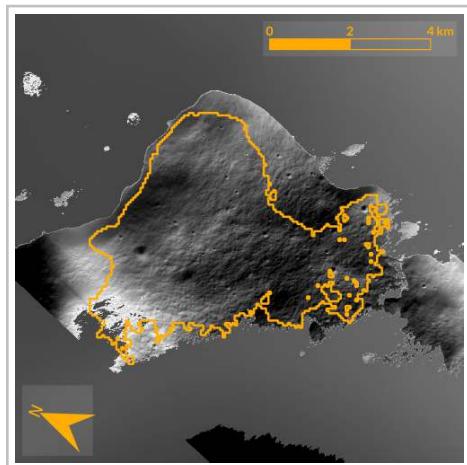
NP_824710_0666940_2013-080



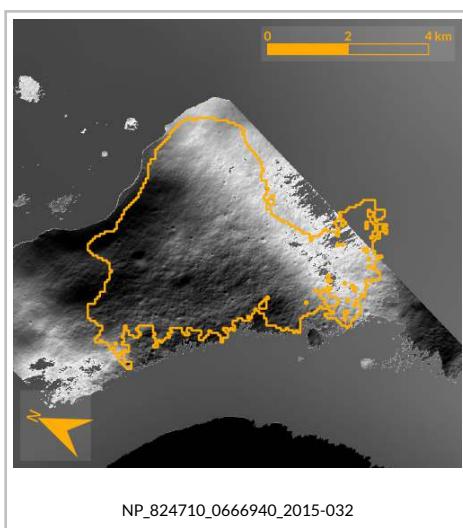
NP_824710_0666940_2013-081



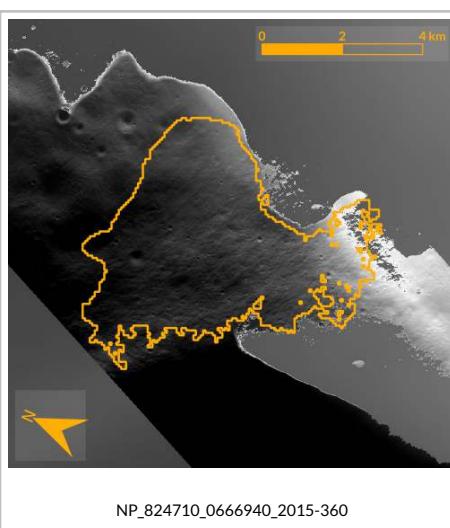
NP_824710_0666940_2014-016



NP_824710_0666940_2014-043



NP_824710_0666940_2015-032



NP_824710_0666940_2015-360

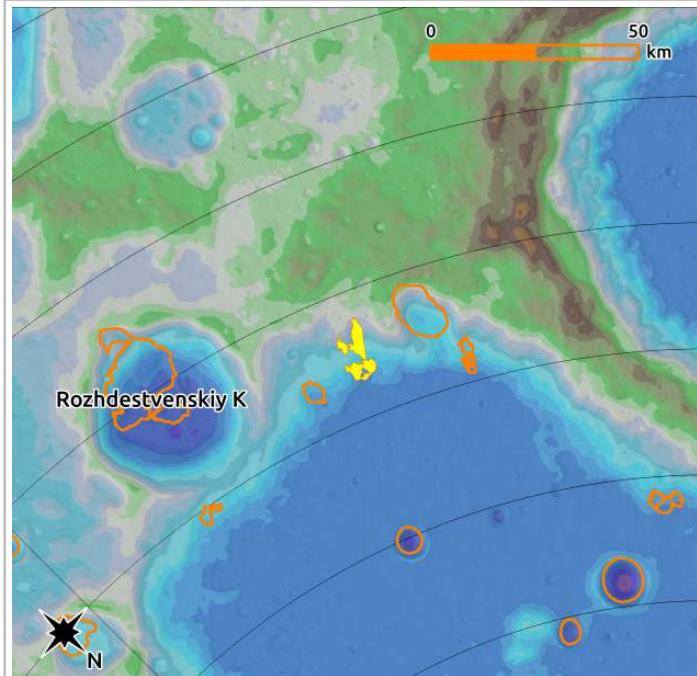
NP_824920_2019710

Lunar Features: Rozhdestvenskiy K Crater, Plaskett Crater
Centroid Latitude: 82.492
Centroid Longitude: 201.971
Area (km²): 49.75
Perimeter (km): 135.12
Pixel Scale Range (m): 8-13
Coverage (%): 90

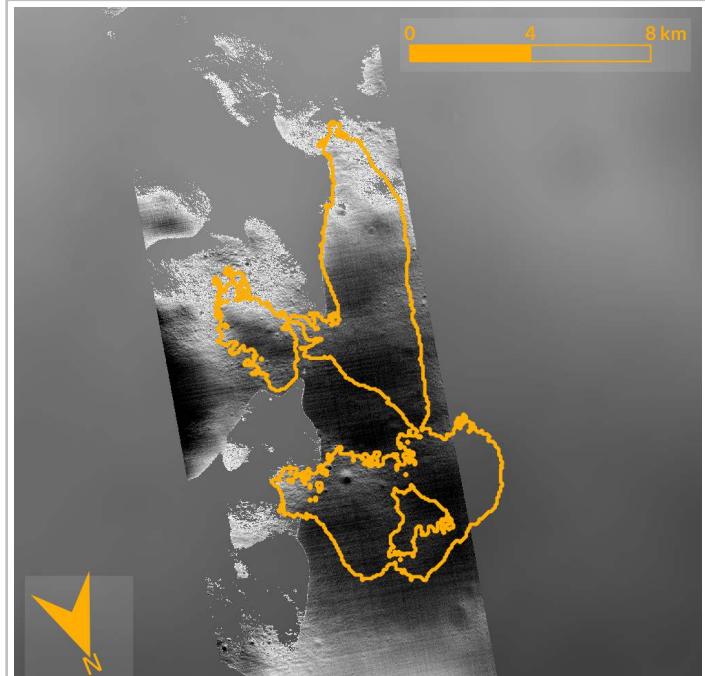
Features of Interest:

Notes:

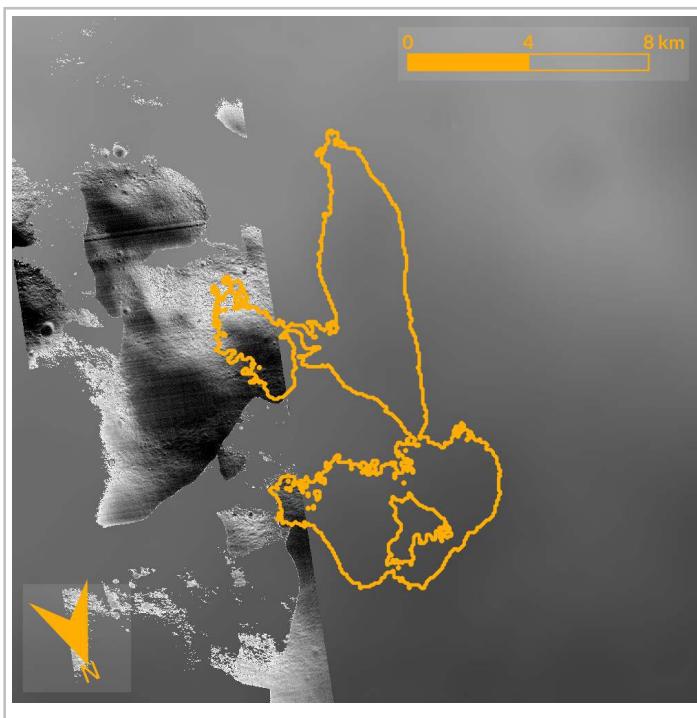
Image Lists: lroc.sese.asu.edu/psr/NP_824920_2019710



NP_824920_2019710_WAC_Color_Shade_context



NP_824920_2019710_2014-032

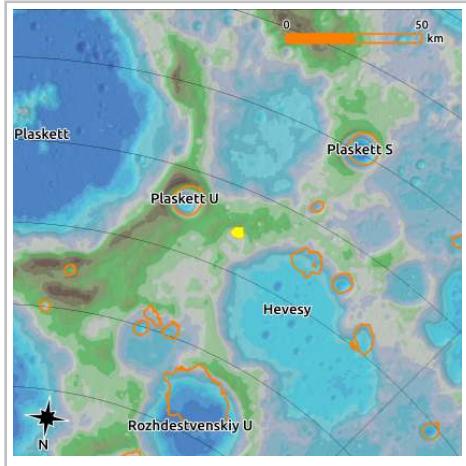


NP_824920_2019710_2015-022

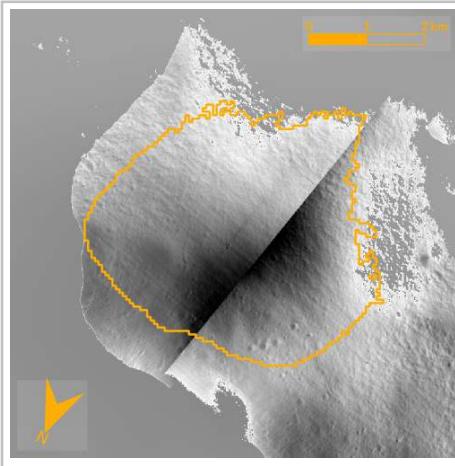
NP_825240_1566880

Lunar Features: Plaskett U Crater,, Hevesy Crater
Centroid Latitude: 82.524
Centroid Longitude: 156.688
Area (km²): 16.44
Perimeter (km): 27.36
Pixel Scale Range (m): 5-20
Coverage (%): 100

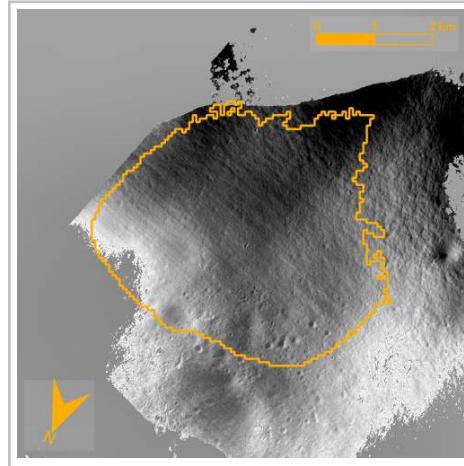
Features of Interest: 2014-363 (M1174502767L): 156.82, 82.54 (S5321 L1299) - interesting depressions in the southern area of the PSR
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_825240_1566880



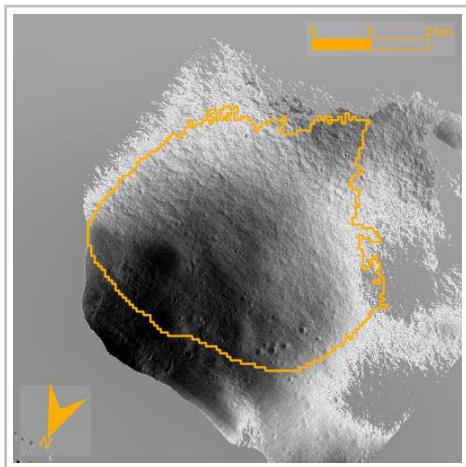
NP_825240_1566880_WAC_Color_Shade_context



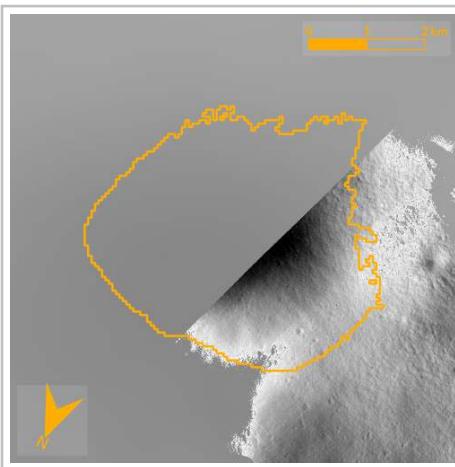
NP_825240_1566880_2014-036



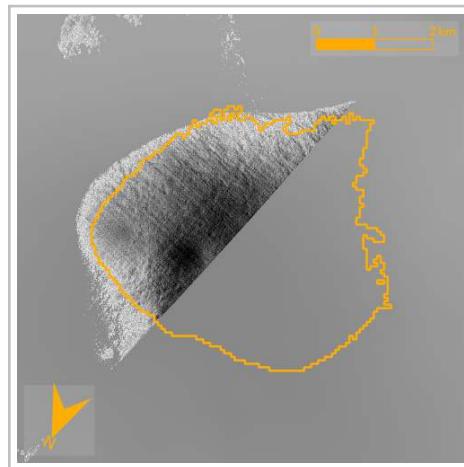
NP_825240_1566880_2014-363



NP_825240_1566880_2015-025



NP_825240_1566880_2015-026

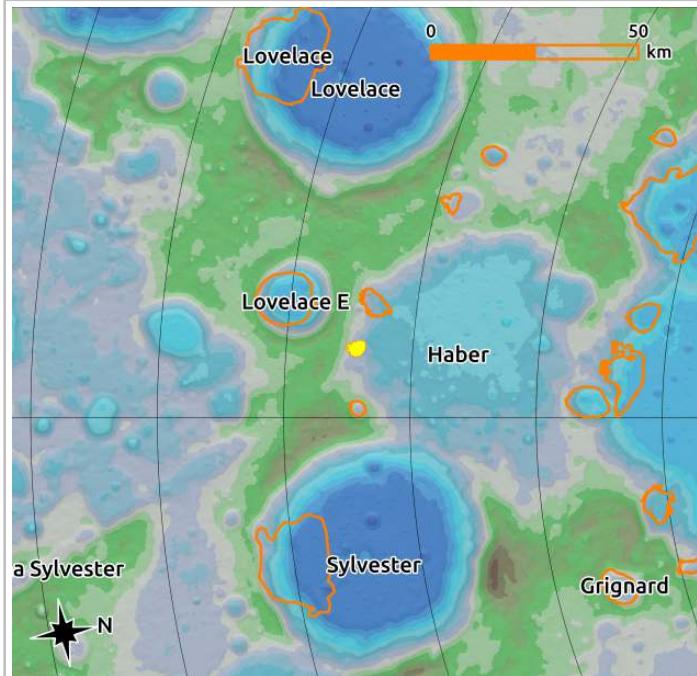


NP_825240_1566880_2015-352

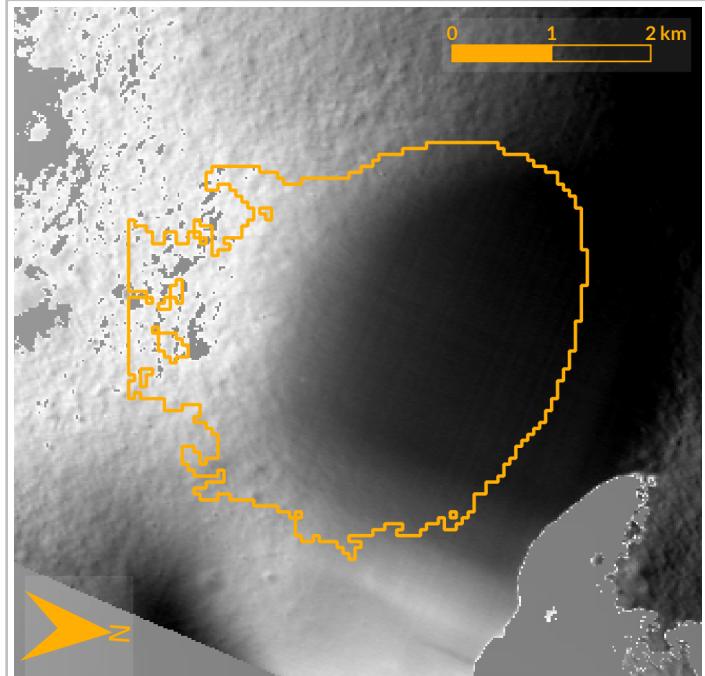
NP_825570_2657400

Lunar Features: Haber Crater, Lovelace E Crater
Centroid Latitude: 82.557
Centroid Longitude: 265.74
Area (km²): 13.70
Perimeter (km): 29.28
Pixel Scale Range (m): 5-20
Coverage (%): 30

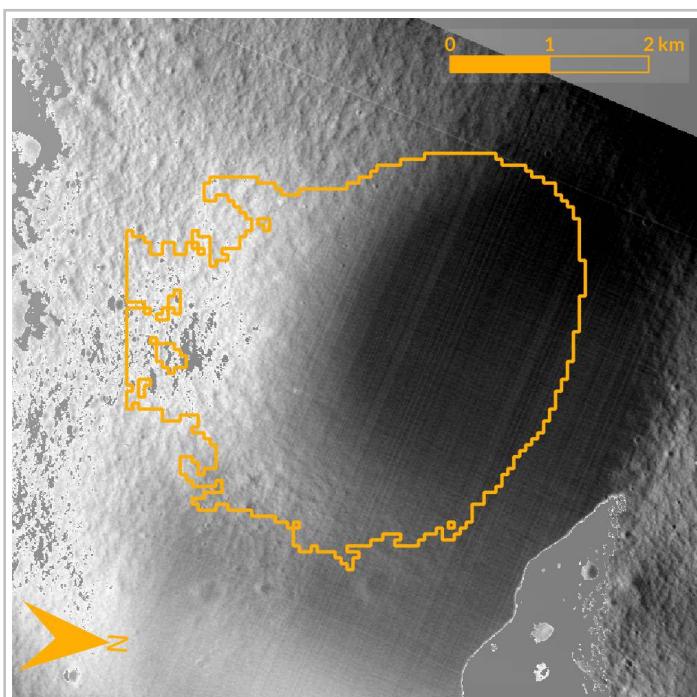
Features of Interest:
Notes: large shadow present in all images
Image Lists: lroc.sese.asu.edu/psr/NP_825570_2657400



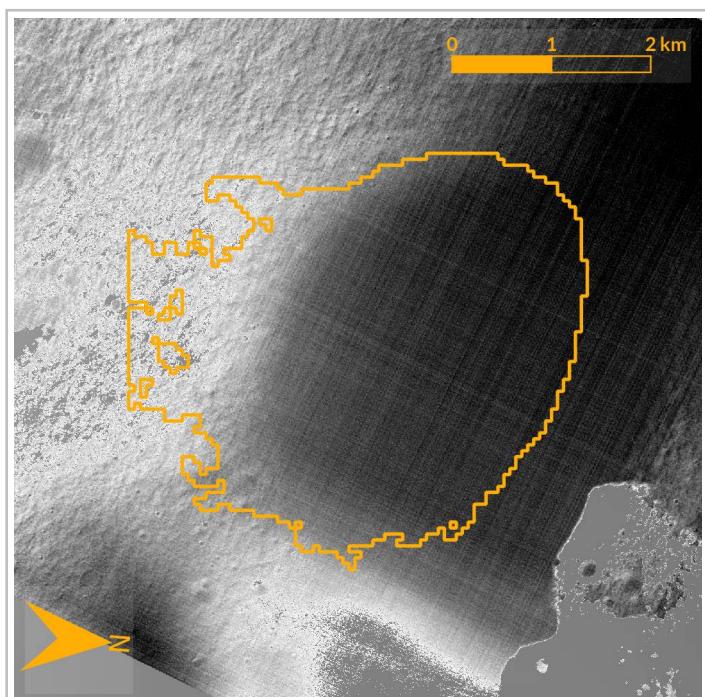
NP_825570_2657400_WAC_Color_Shade_context



NP_825570_2657400_2013-066



NP_825570_2657400_2013-093

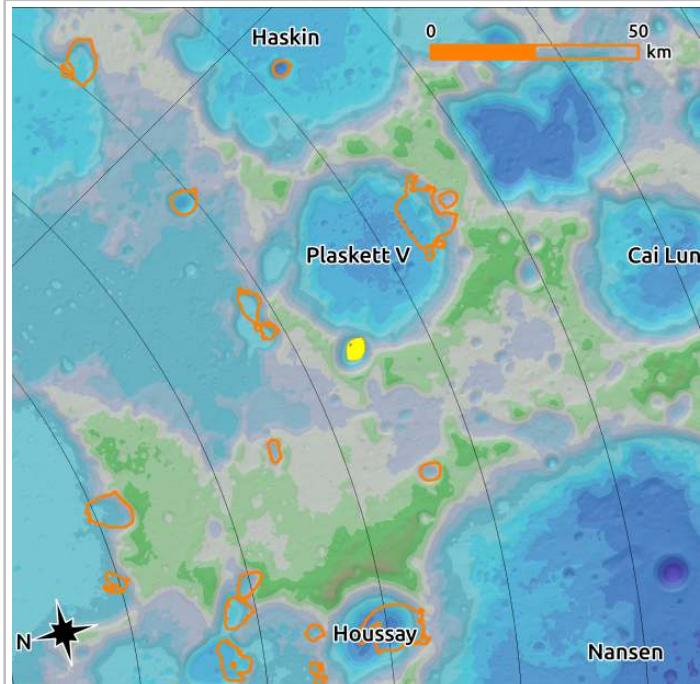


NP_825570_2657400_2014-028

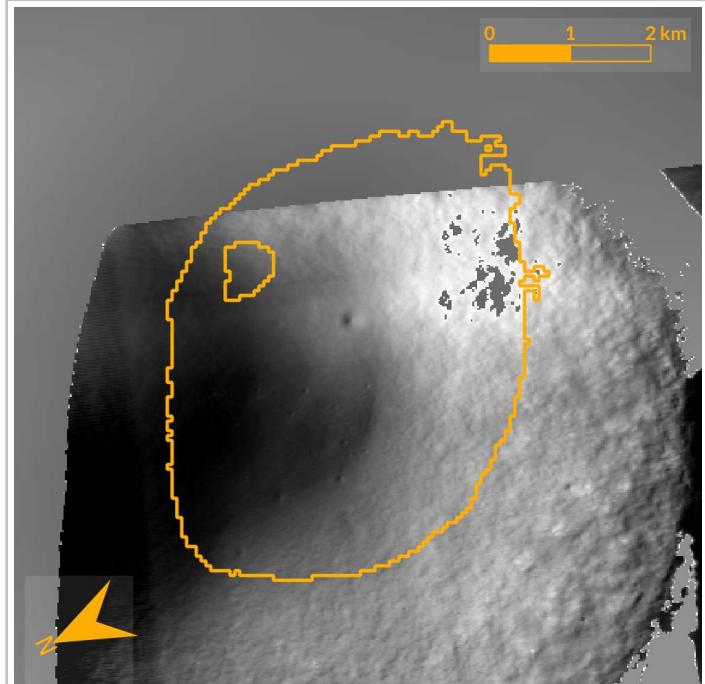
NP_825710_1162000

Lunar Features: Plaskett V Crater
Centroid Latitude: 82.571
Centroid Longitude: 116.2
Area (km²): 20.08
Perimeter (km): 27.24
Pixel Scale Range (m): 5-20
Coverage (%): 100

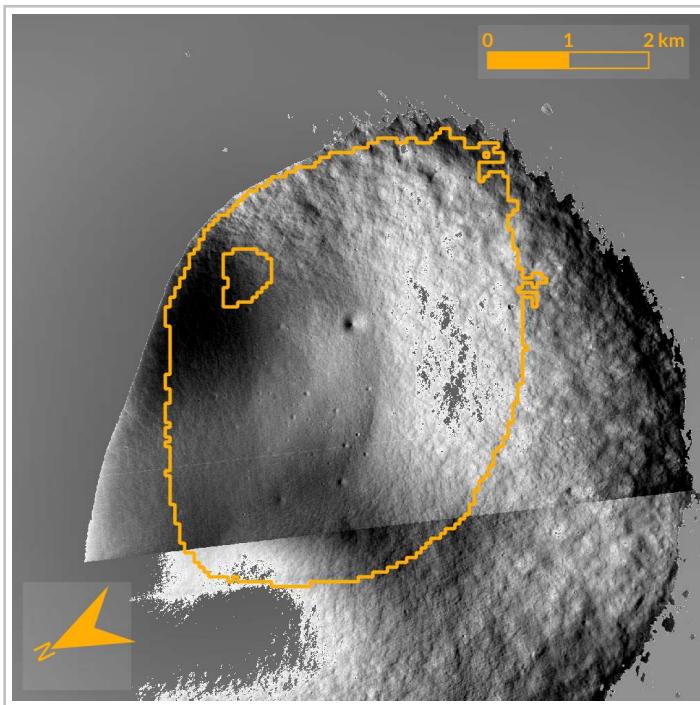
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_825710_1162000



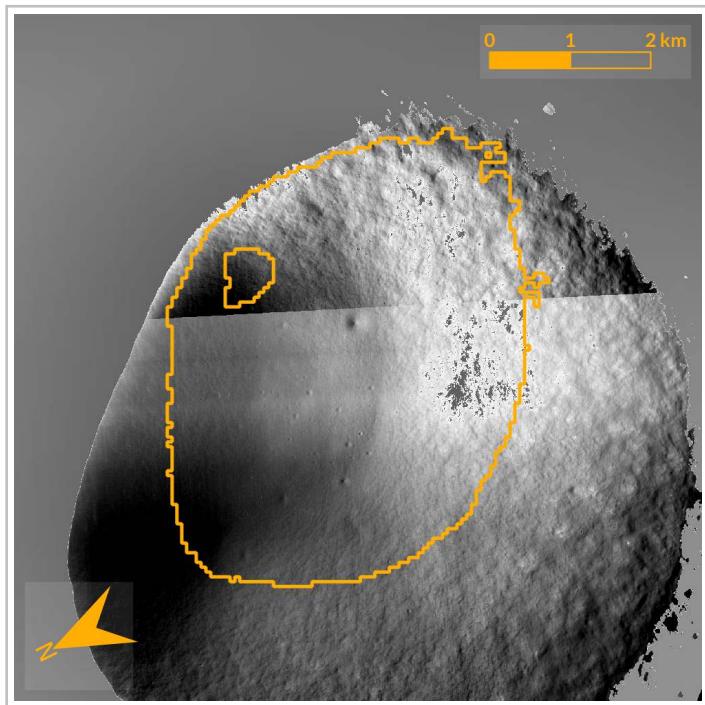
NP_825710_1162000_WAC_Color_Shade_context



NP_825710_1162000_2013-050



NP_825710_1162000_2013-077

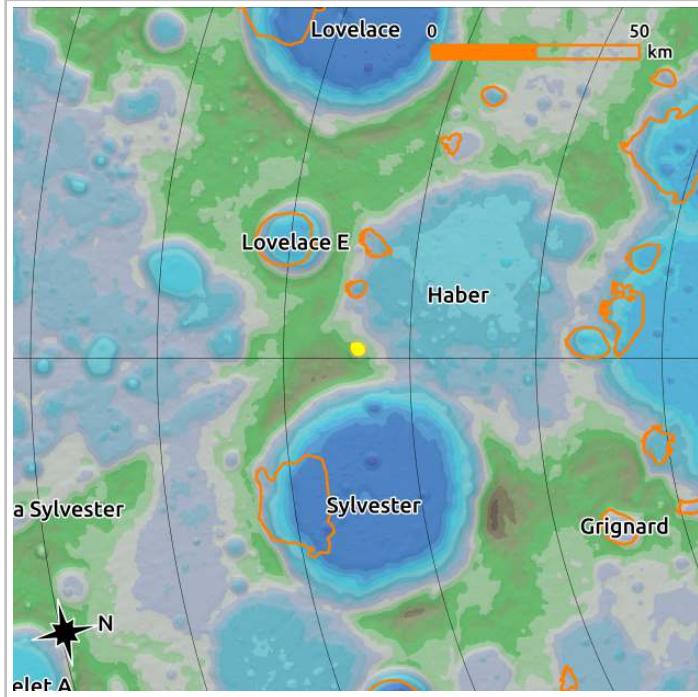


NP_825710_1162000_2014-067

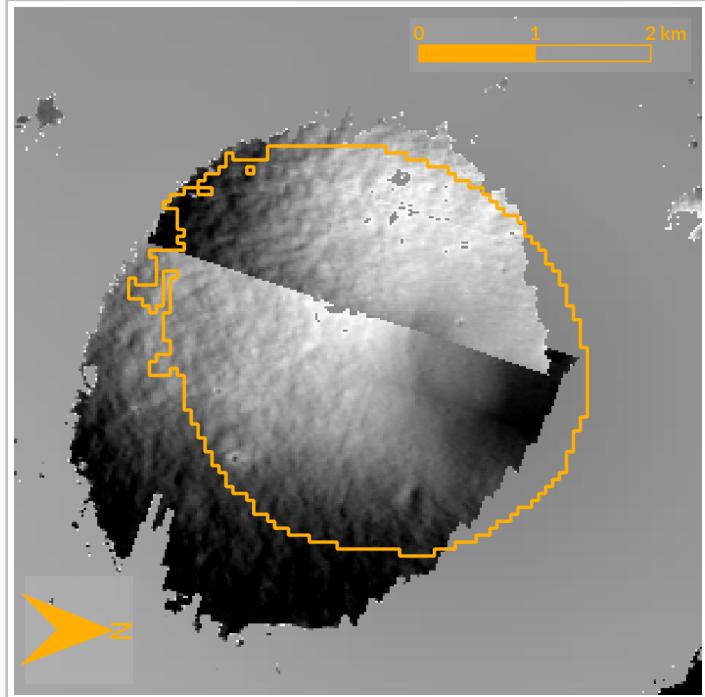
NP_825860_2694180

Lunar Features: Sylvester Crater, Lovelace E Crater
Centroid Latitude: 82.586
Centroid Longitude: 269.418
Area (km²): 10.26
Perimeter (km): 17.88
Pixel Scale Range (m): 20-20
Coverage (%): 95

Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_825860_2694180



NP_825860_2694180_WAC_Color_Shade_context

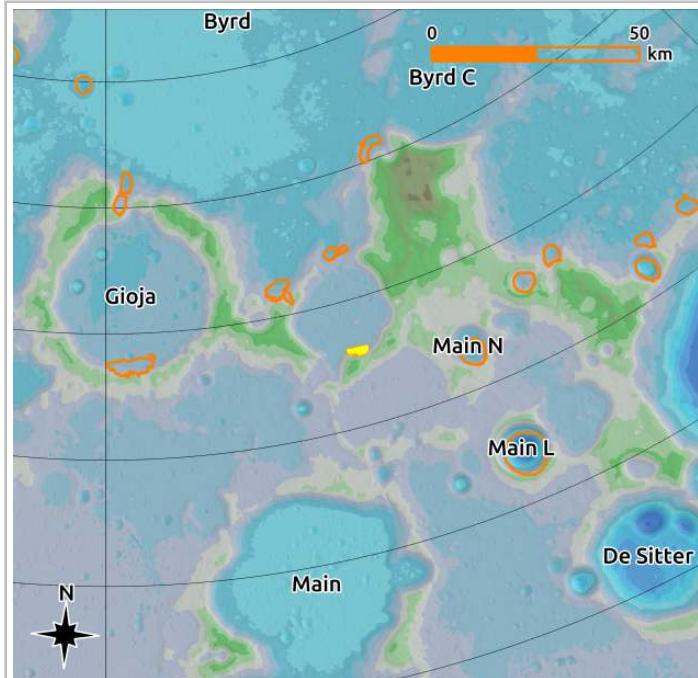


NP_825860_2694180_2013-065

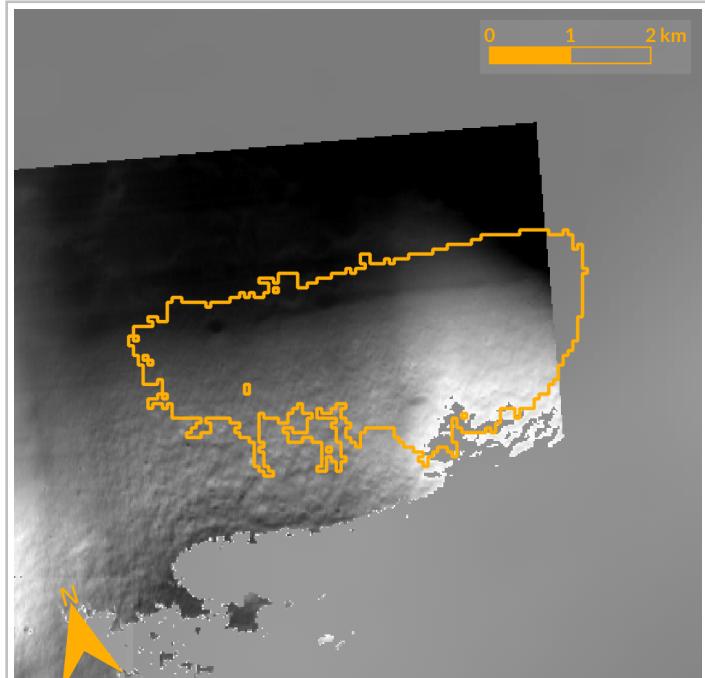
NP_825930_0156920

Lunar Features: Main N Crater,, Gioja Crater
Centroid Latitude: 82.593
Centroid Longitude: 15.692
Area (km²): 10.49
Perimeter (km): 31.92
Pixel Scale Range (m): 8-20
Coverage (%): 100

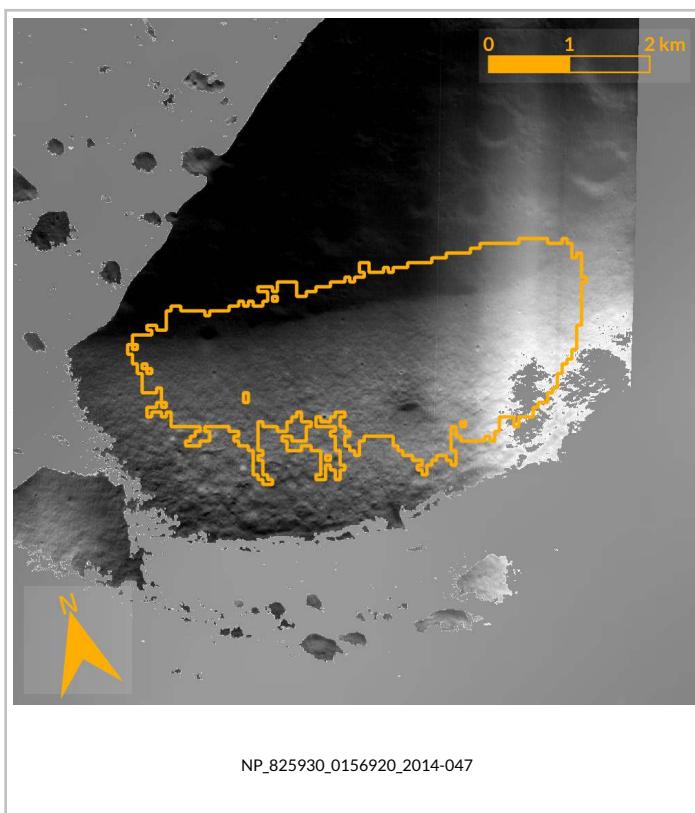
Features of Interest: 2013-111 (M1121211081L): 15.741, 82.613 (S320 L3177) - morphology change likely due to slope
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_825930_0156920



NP_825930_0156920_WAC_Color_Shade_context



NP_825930_0156920_2013-084

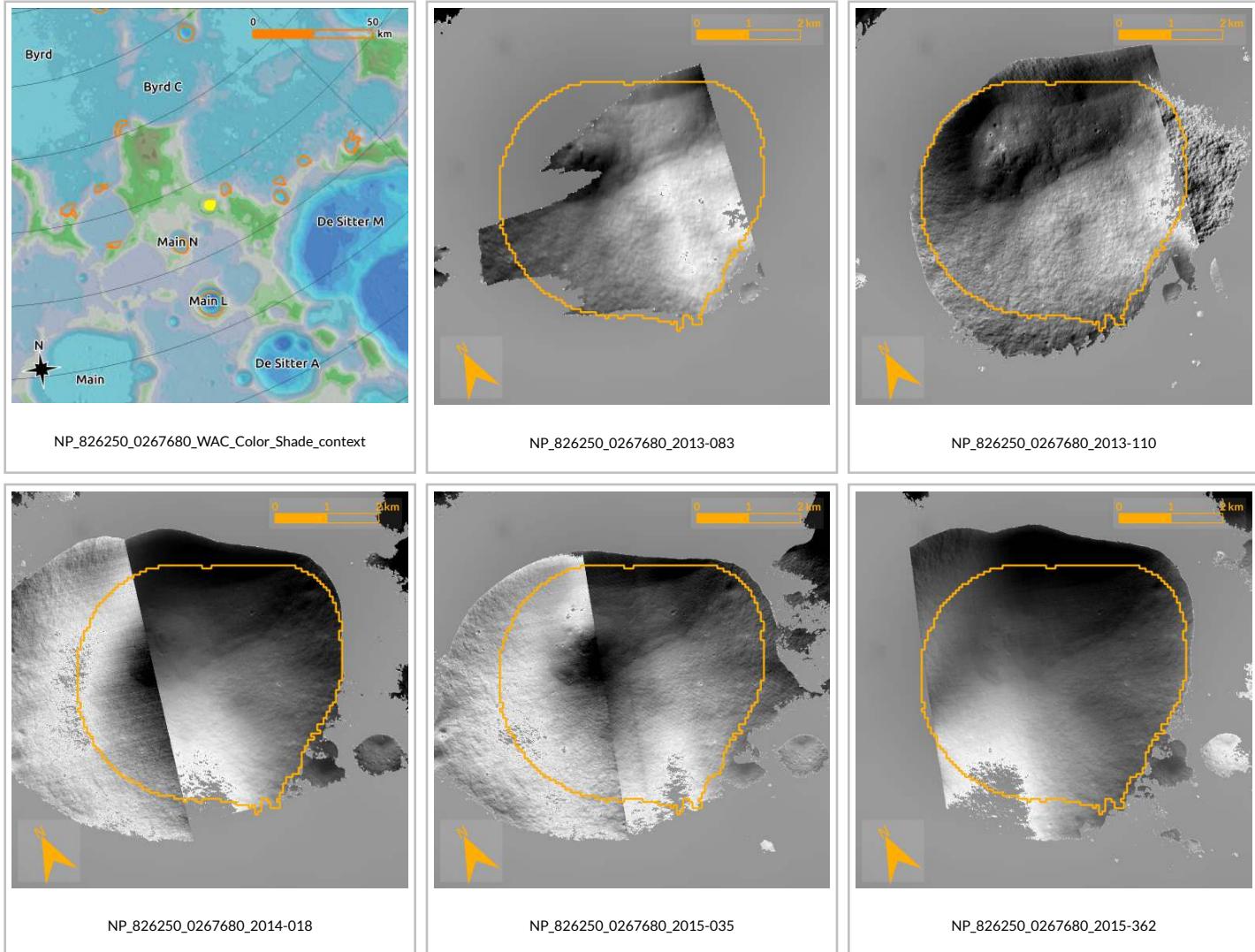


NP_825930_0156920_2014-047

NP_826250_0267680

Lunar Features: De Sitter M Crater, Main N Crater
Centroid Latitude: 82.625
Centroid Longitude: 26.768
Area (km²): 19.50
Perimeter (km): 21.24
Pixel Scale Range (m): 5-20
Coverage (%): 100

Features of Interest: 2013-110 (M1121125895R): 26.644, 82.666 (S807 L930) - high albedo crater
Notes: Melty crater floor
Image Lists: lroc.sese.asu.edu/psr/NP_826250_0267680



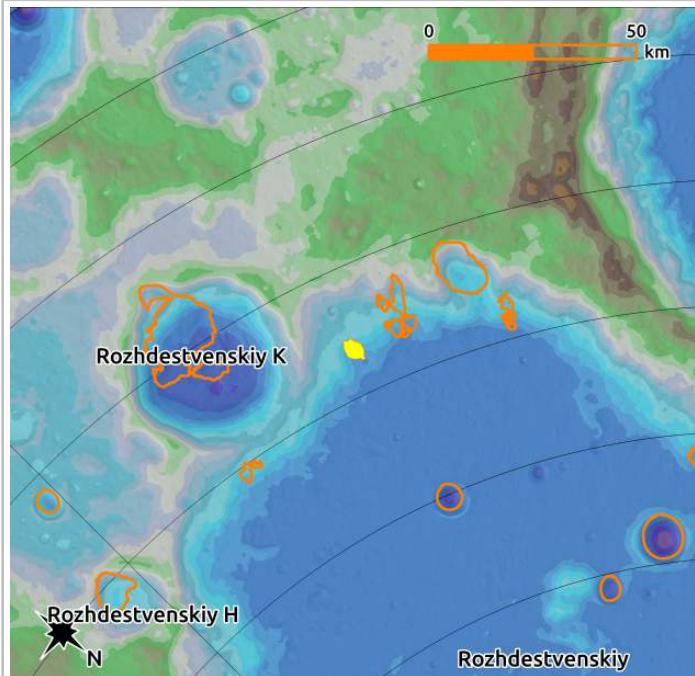
NP_826420_2054000

Lunar Features: Rozhdestvenskiy K Crater, Plaskett Crater
Centroid Latitude: 82.642
Centroid Longitude: 205.4
Area (km²): 18.55
Perimeter (km): 29.04
Pixel Scale Range (m): 8-10
Coverage (%): 100

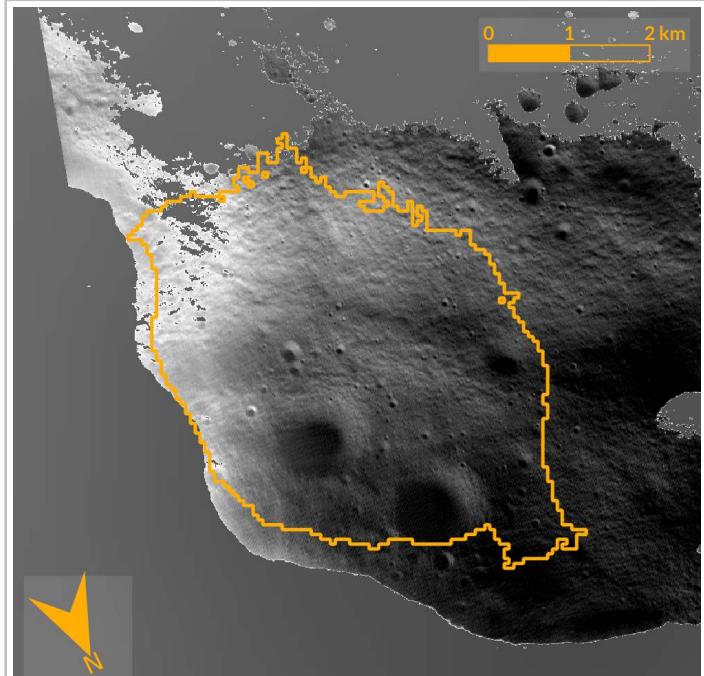
Features of Interest:

Notes:

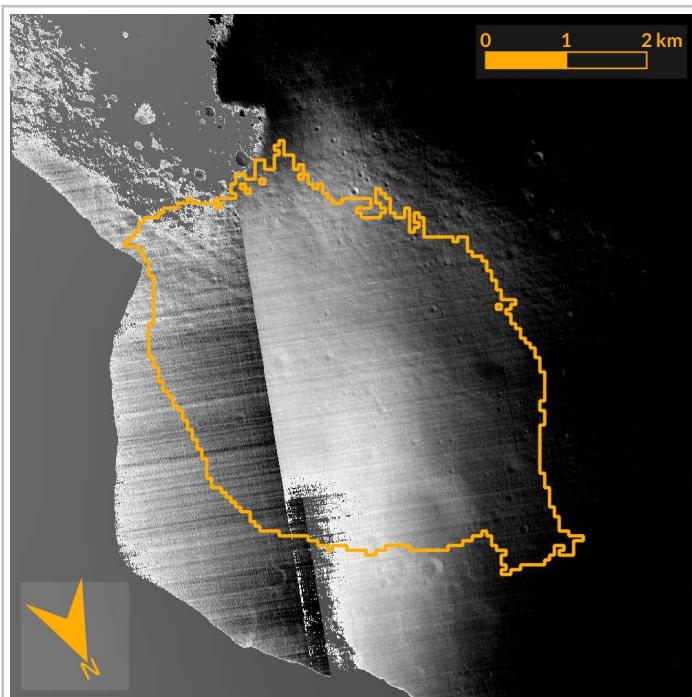
Image Lists: lroc.sese.asu.edu/psr/NP_826420_2054000



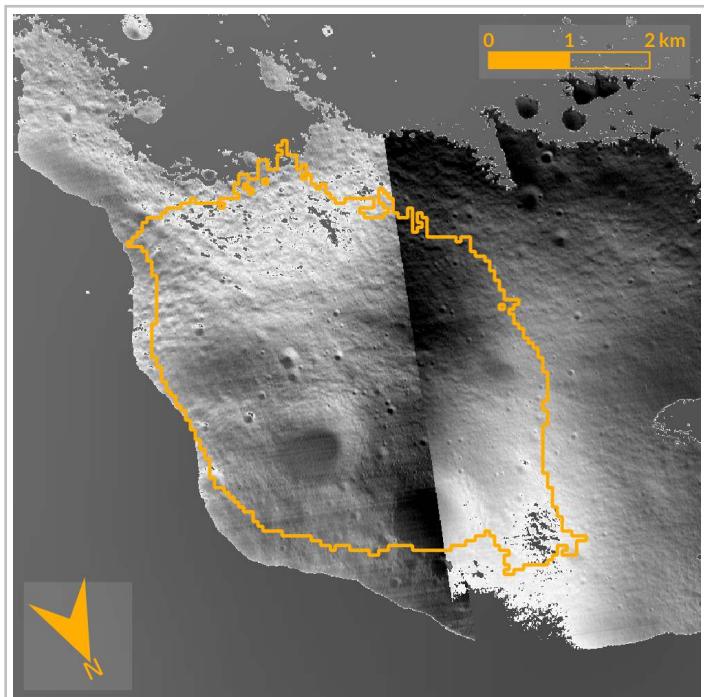
NP_826420_2054000_WAC_Color_Shade_context



NP_826420_2054000_2014-032



NP_826420_2054000_2014-359



NP_826420_2054000_2015-022

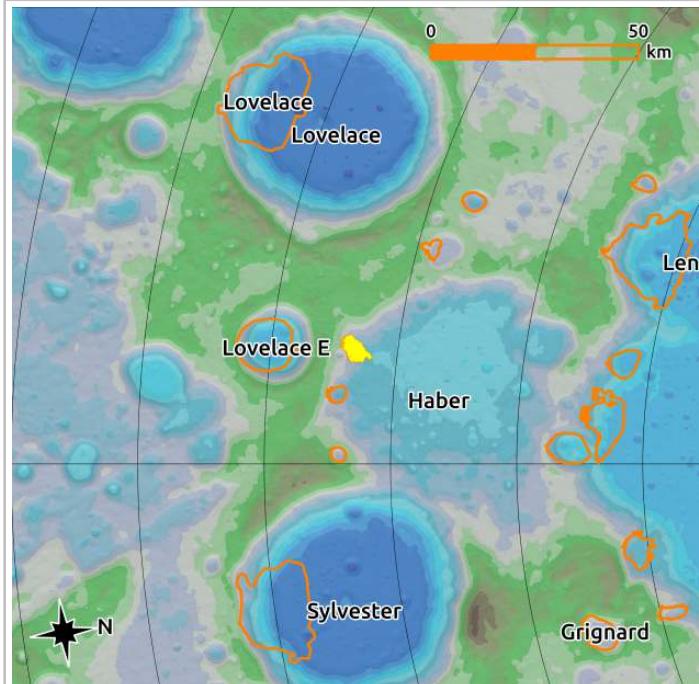
NP_826610_2628870

Lunar Features: Haber Crater, Lovelace E , Crater
Centroid Latitude: 82.661
Centroid Longitude: 262.887
Area (km²): 28.73
Perimeter (km): 57.0
Pixel Scale Range (m): 5-20
Coverage (%): 97

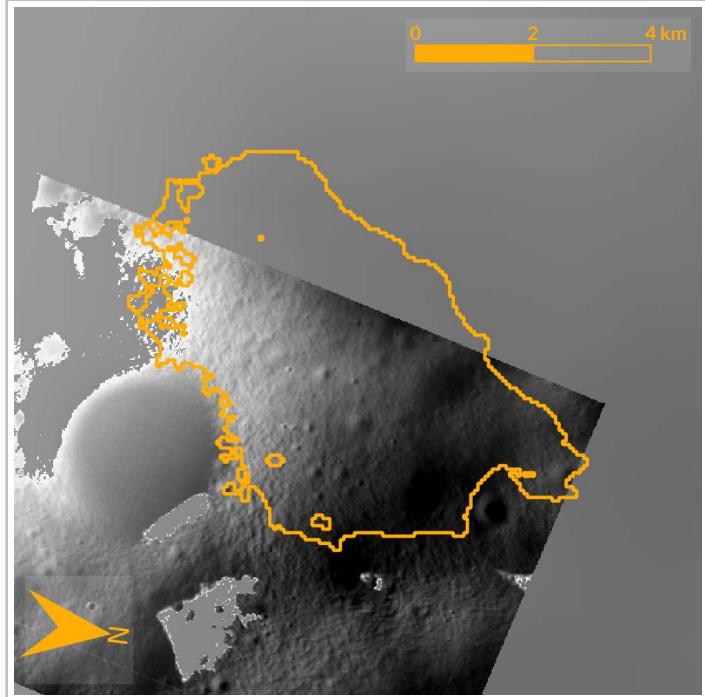
Features of Interest:

Notes:

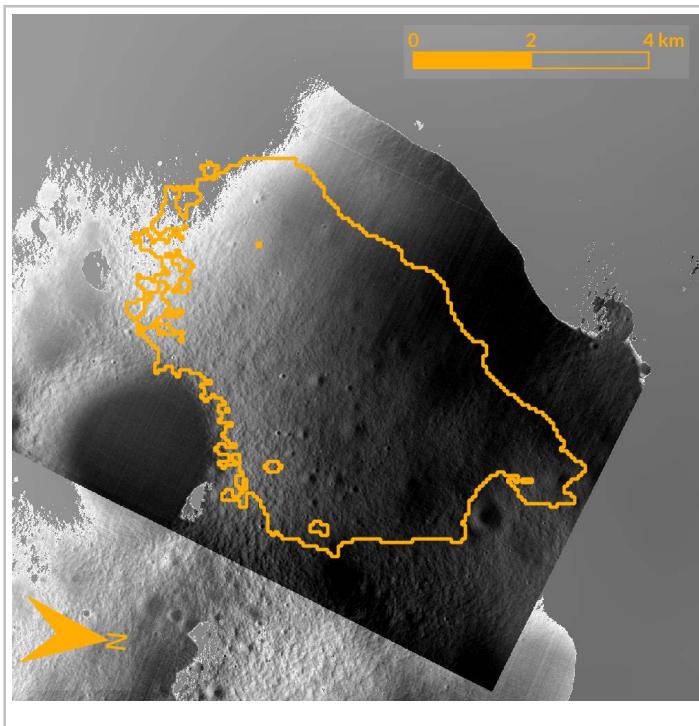
Image Lists: lroc.sese.asu.edu/psr/NP_826610_2628870



NP_826610_2628870_WAC_Color_Shade_context



NP_826610_2628870_2013-066



NP_826610_2628870_2013-093

NP_827150_0290420

Lunar Features: Main N Satellite Feature Byrd C Satellite Feature De Sitter

M Crater

Centroid Latitude: 82.715

Centroid Longitude: 29.042

Area (km²): 14.00

Perimeter (km): 25.0

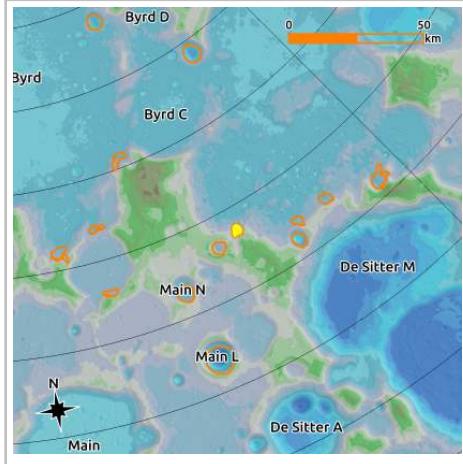
Pixel Scale Range (m): 5-20

Coverage (%): 85

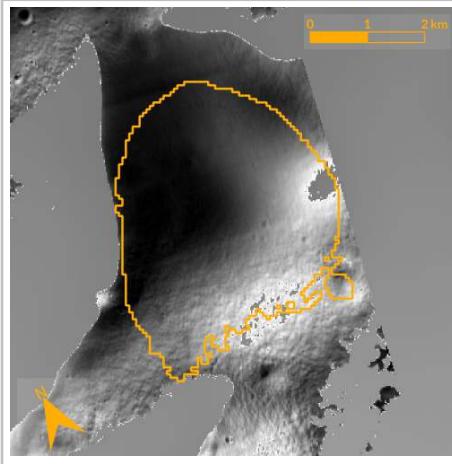
Features of Interest:

Notes:

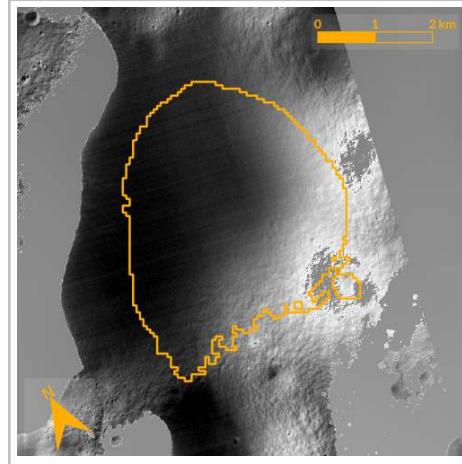
Image Lists: lroc.sese.asu.edu/psr/NP_827150_0290420



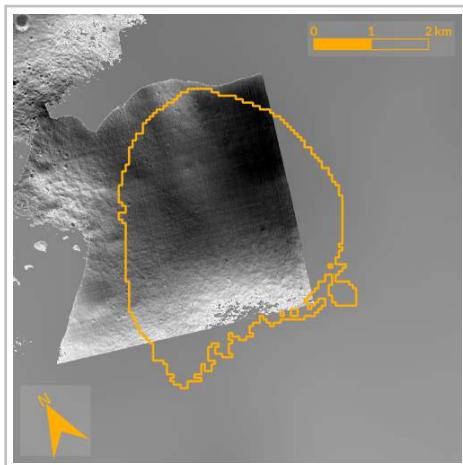
NP_827150_0290420_WAC_Color_Shade_context



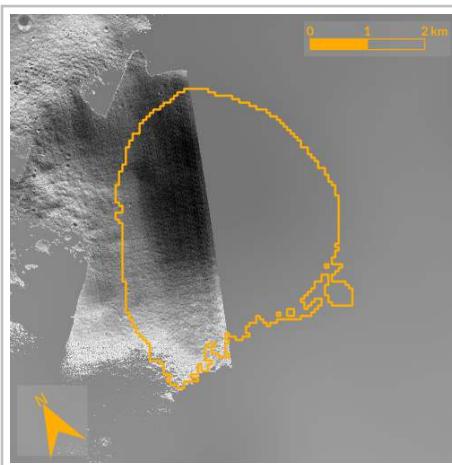
NP_827150_0290420_2013-083



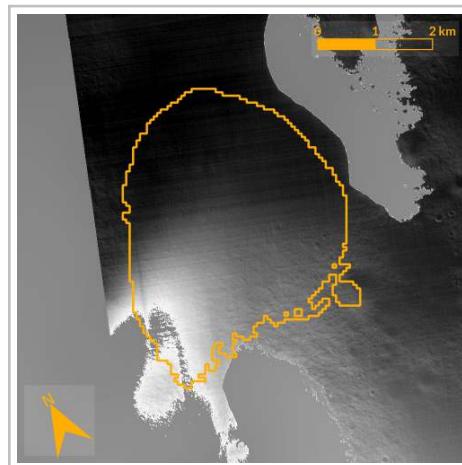
NP_827150_0290420_2013-110



NP_827150_0290420_2014-046



NP_827150_0290420_2015-035

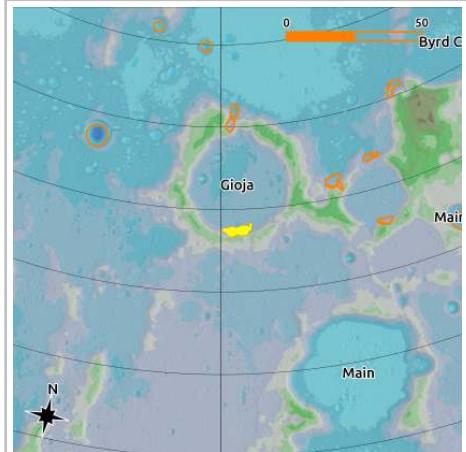


NP_827150_0290420_2015-362

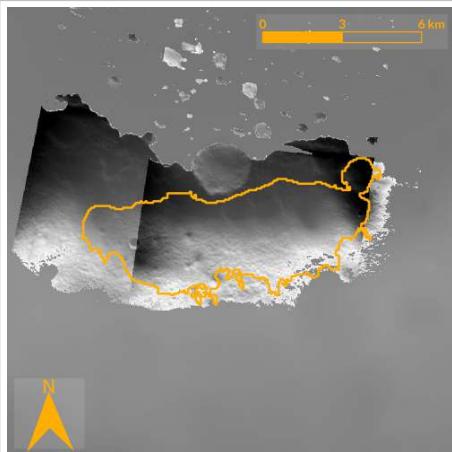
NP_827410_0016260

Lunar Features: Gioja Crater,
Centroid Latitude: 82.741
Centroid Longitude: 1.626
Area (km²): 32.65
Perimeter (km): 53.64
Pixel Scale Range (m): 10-20
Coverage (%): 100

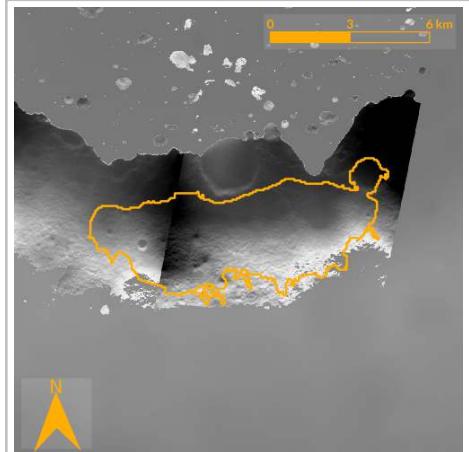
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_827410_0016260



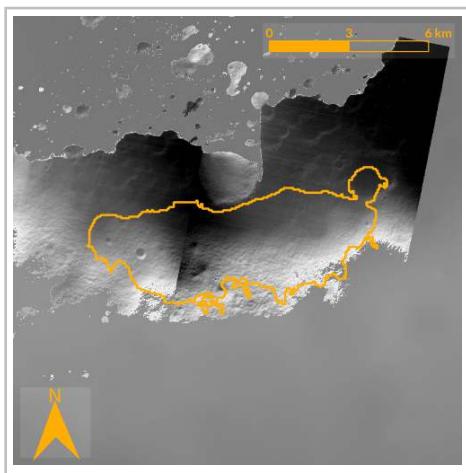
NP_827410_0016260_WAC_Color_Shade_context



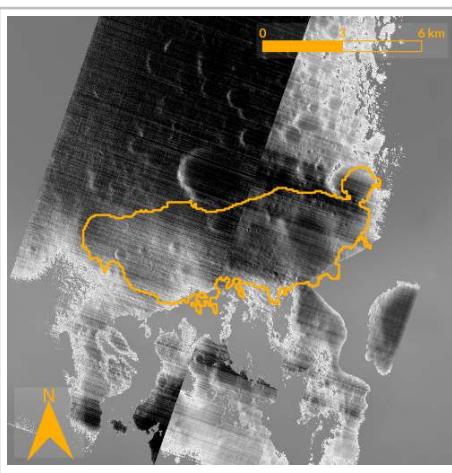
NP_827410_0016260_2013-058



NP_827410_0016260_2013-085



NP_827410_0016260_2013-112



NP_827410_0016260_2015-337

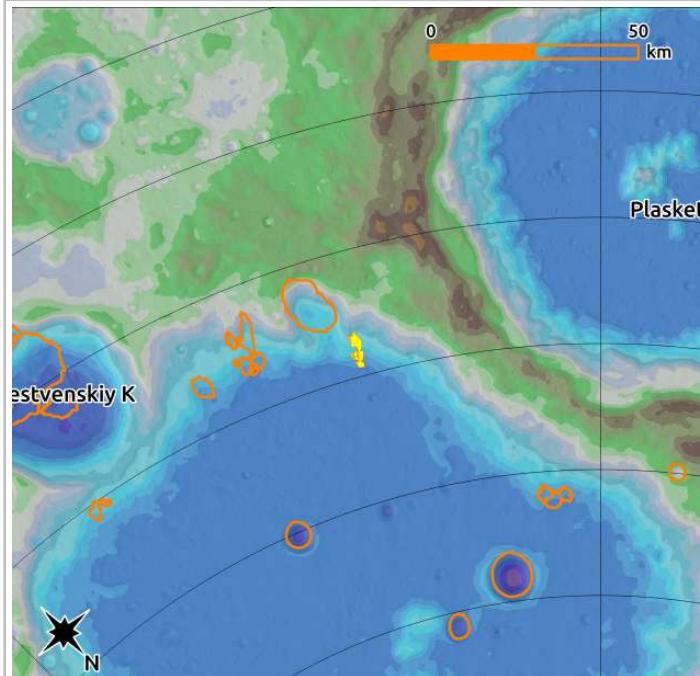
NP_827860_1955260

Lunar Features: Rozhdestvenskiy K Crater, Plaskett Crater
Centroid Latitude: 82.786
Centroid Longitude: 195.526
Area (km²): 15.63
Perimeter (km): 68.4
Pixel Scale Range (m): 20-20
Coverage (%): 50

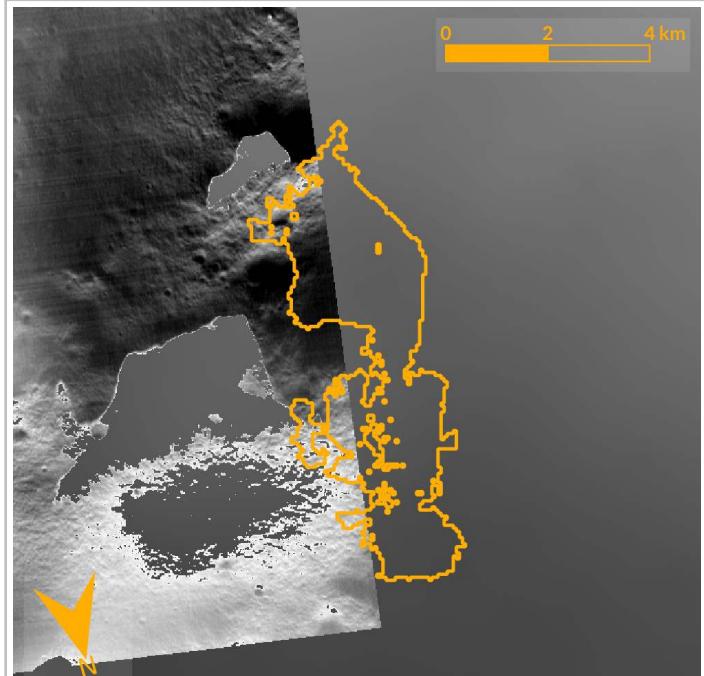
Features of Interest:

Notes:

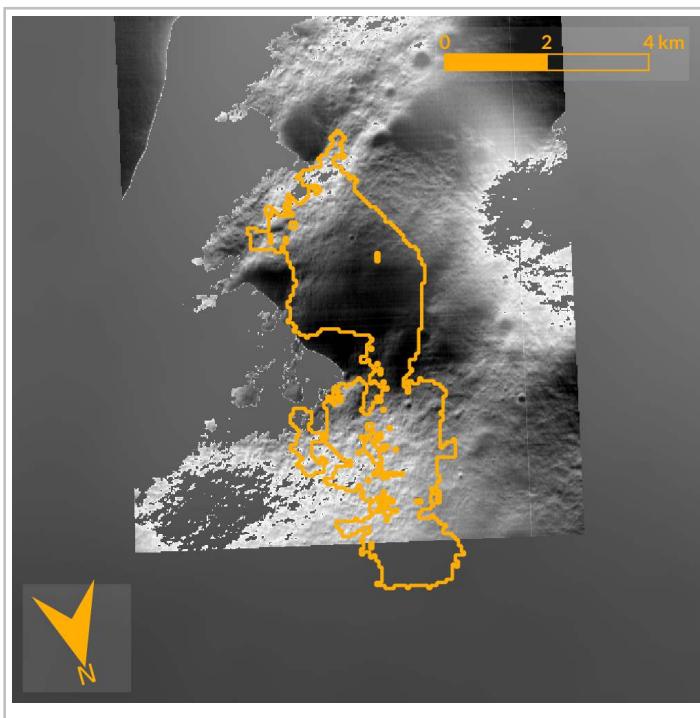
Image Lists: lroc.sese.asu.edu/psr/NP_827860_1955260



NP_827860_1955260_WAC_Color_Shade_context



NP_827860_1955260_2013-070

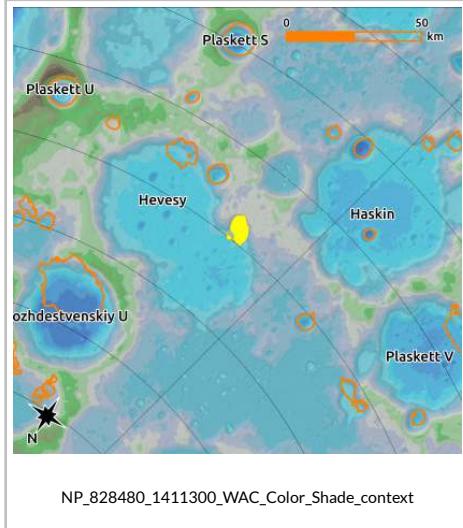


NP_827860_1955260_2013-098

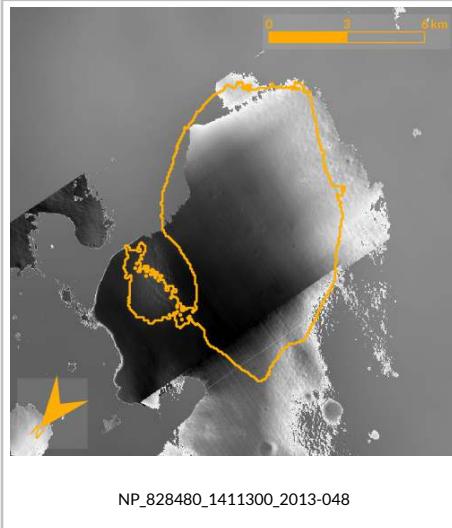
NP_828480_1411300

Lunar Features: Hevesy Crater, Haskin Crater
Centroid Latitude: 82.848
Centroid Longitude: 141.13
Area (km²): 60.12
Perimeter (km): 66.48
Pixel Scale Range (m): 10-20
Coverage (%): 100

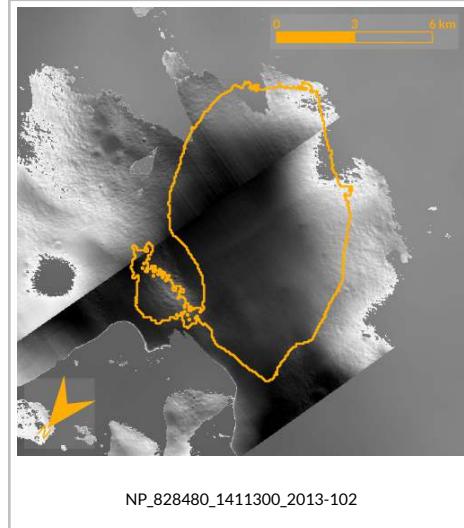
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_828480_1411300



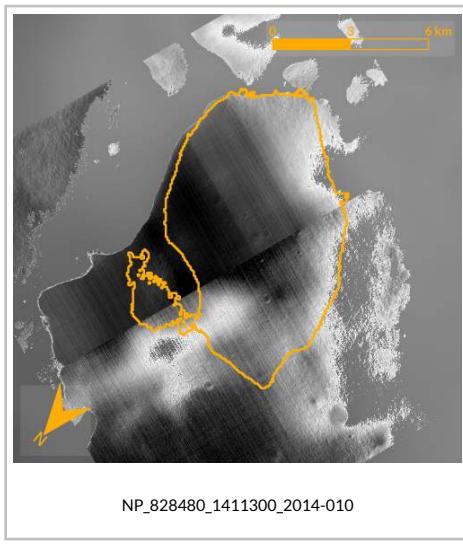
NP_828480_1411300_WAC_Color_Shade_context



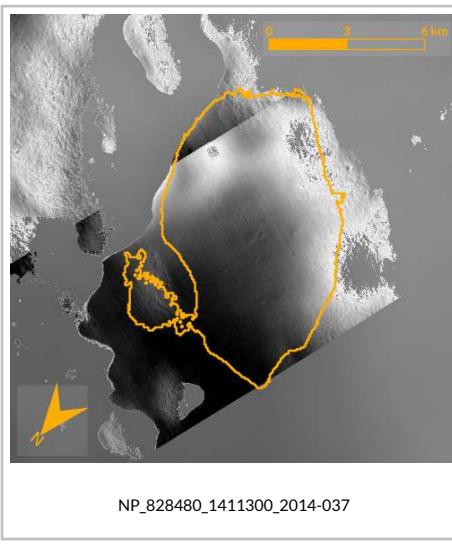
NP_828480_1411300_2013-048



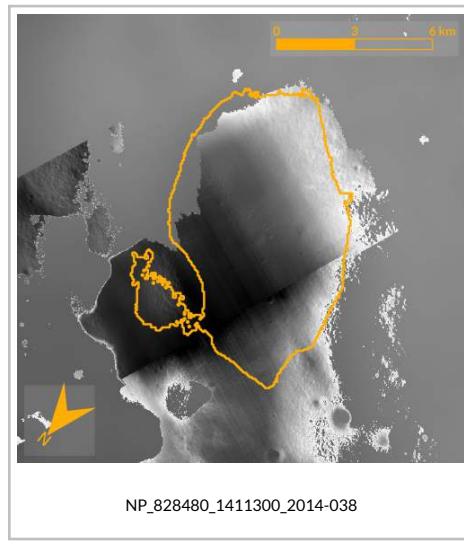
NP_828480_1411300_2013-102



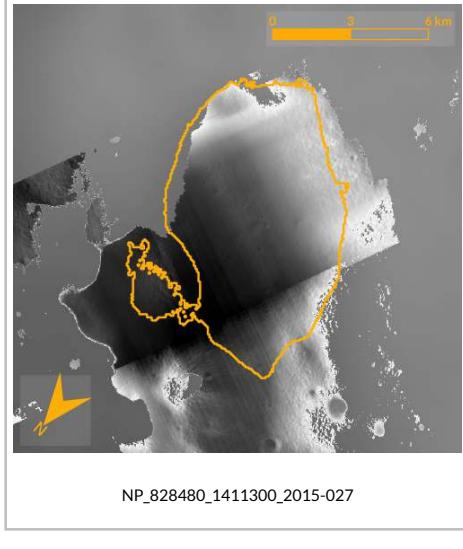
NP_828480_1411300_2014-010



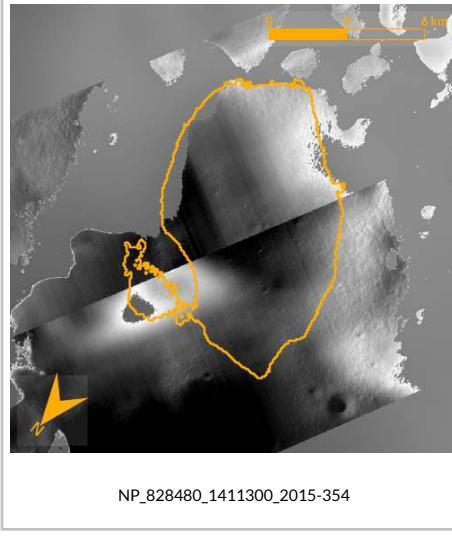
NP_828480_1411300_2014-037



NP_828480_1411300_2014-038



NP_828480_1411300_2015-027

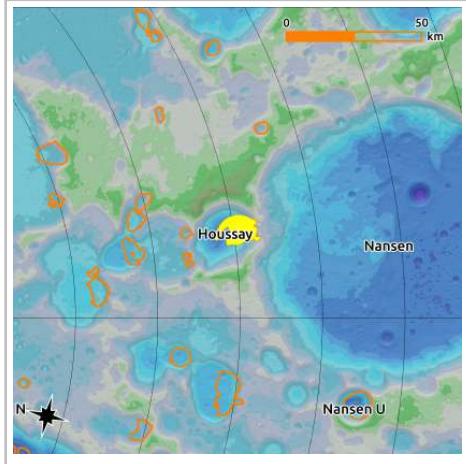


NP_828480_1411300_2015-354

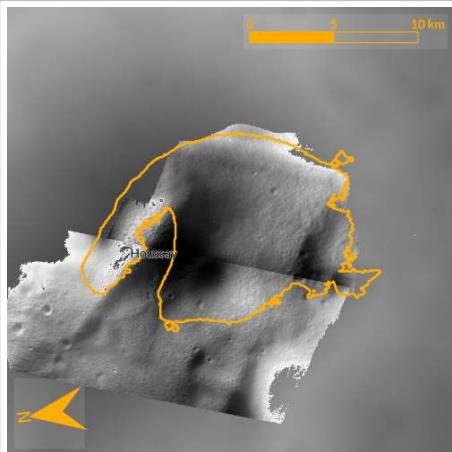
NP_829430_0987110

Lunar Features: Houssay Crater
Centroid Latitude: 82.943
Centroid Longitude: 98.711
Area (km²): 123.06
Perimeter (km): 113.04
Pixel Scale Range (m): 8-20
Coverage (%): 97

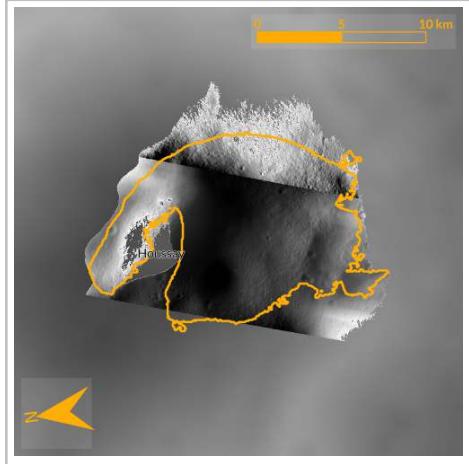
Features of Interest: 2013-051 (M1116012094R): 99.33, 83.08 (S977 L475) - a few small bright craters to the E
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_829430_0987110



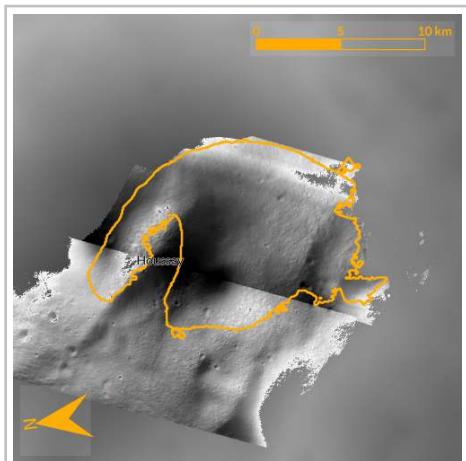
NP_829430_0987110_WAC_Color_Shade_context



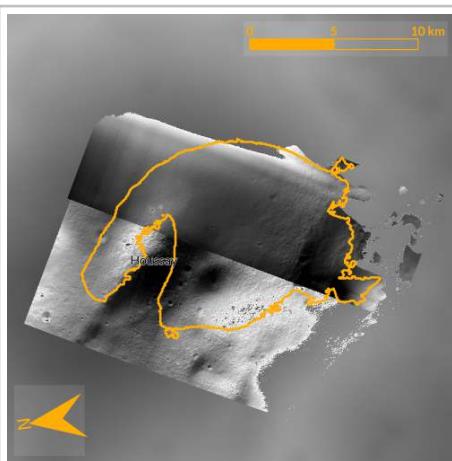
NP_829430_0987110_2013-051



NP_829430_0987110_2013-078



NP_829430_0987110_2014-041

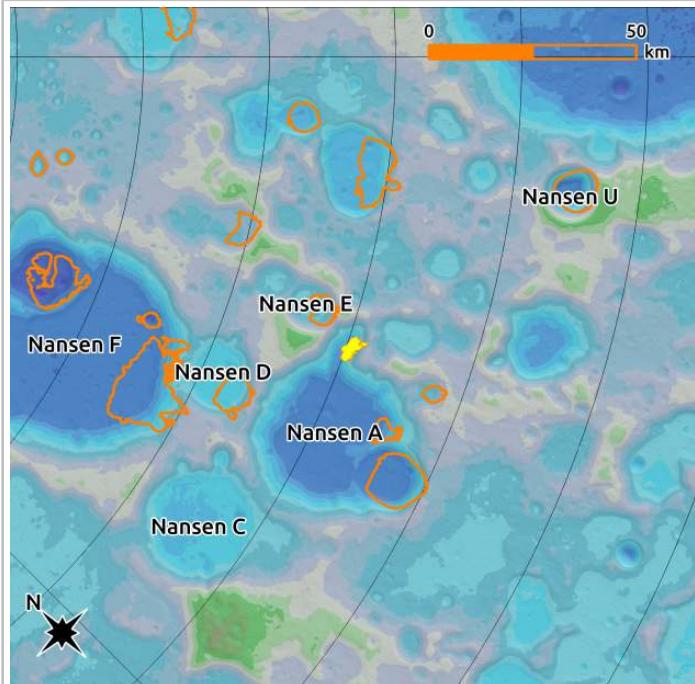


NP_829430_0987110_2015-357

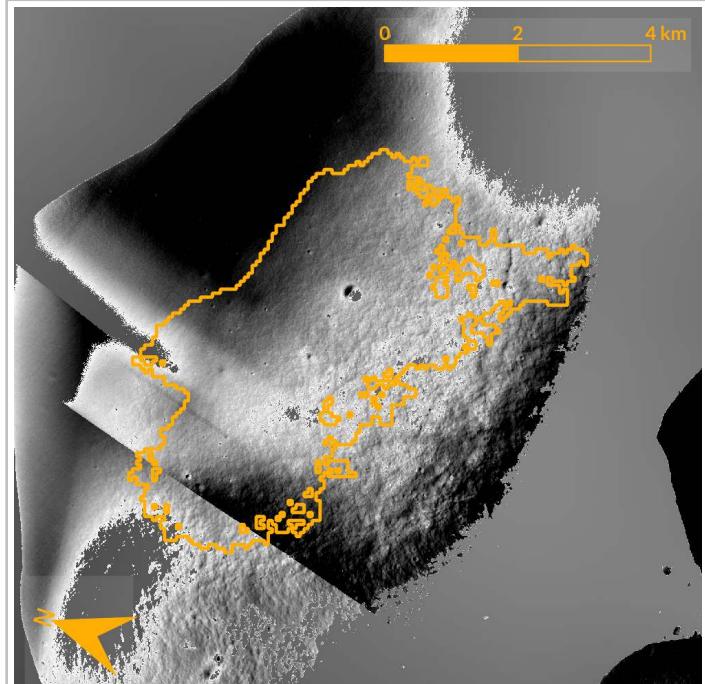
NP_829540_0707840

Lunar Features: Nansen A Crater
Centroid Latitude: 82.954
Centroid Longitude: 70.784
Area (km²): 18.78
Perimeter (km): 63.84
Pixel Scale Range (m): 5-10
Coverage (%): 100

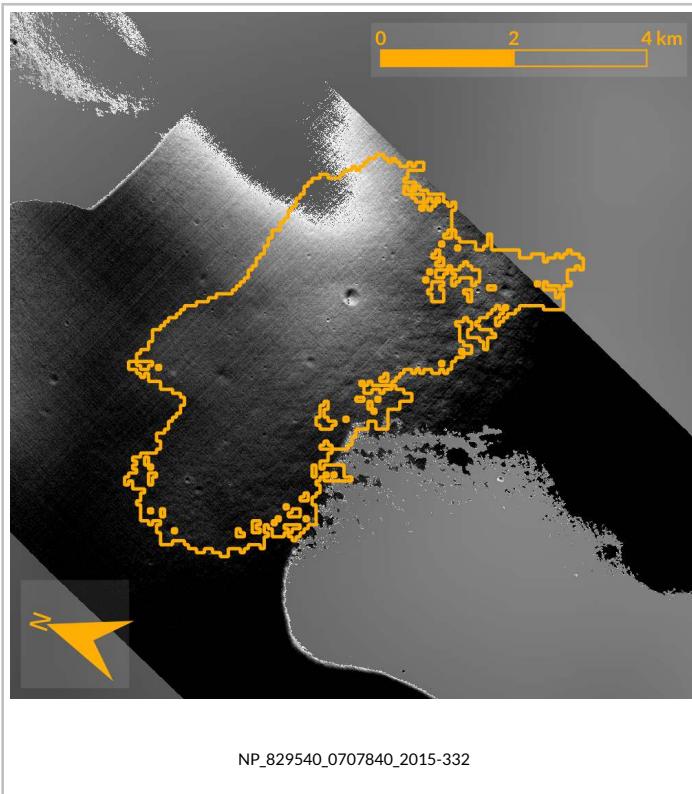
Features of Interest:
Notes: Few high albedo craters
Image Lists: lroc.sese.asu.edu/psr/NP_829540_0707840



NP_829540_0707840_WAC_Color_Shade_context



NP_829540_0707840_2013-080

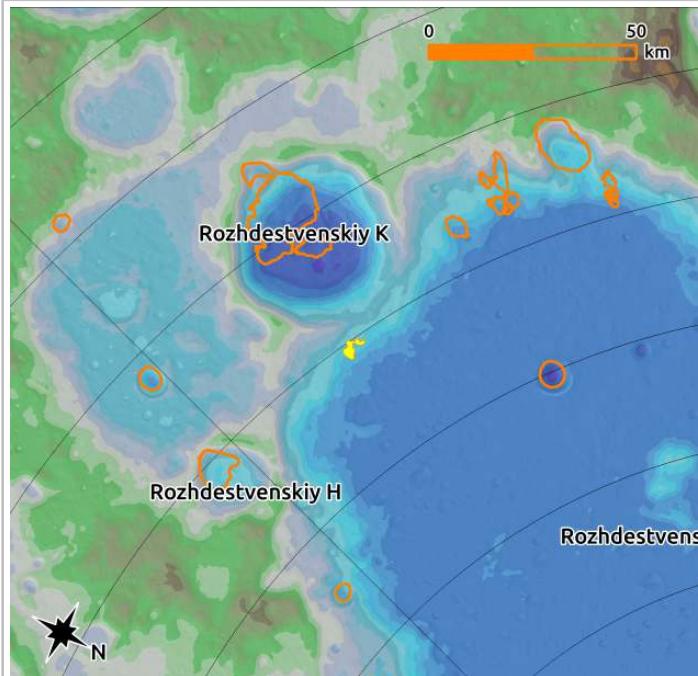


NP_829540_0707840_2015-332

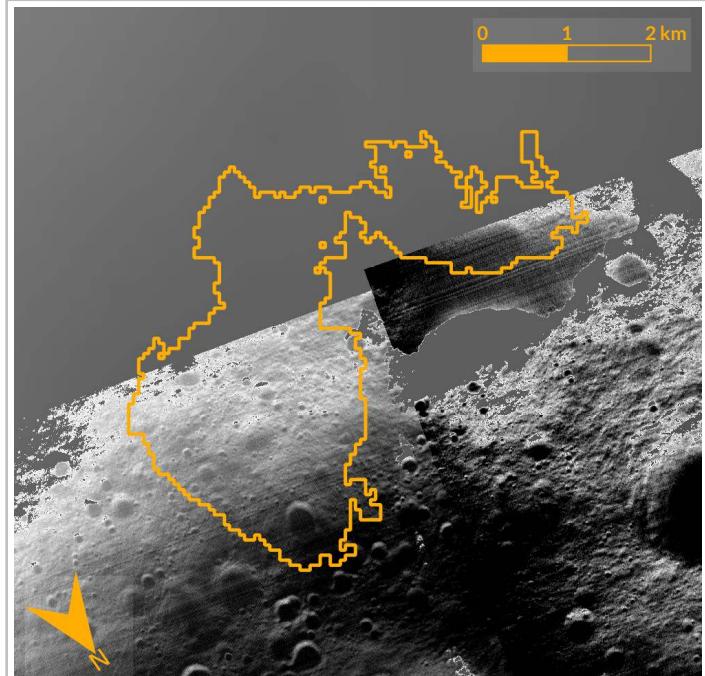
NP_830560_2150660

Lunar Features: Rozhdestvenskiy Crater
Centroid Latitude: 83.056
Centroid Longitude: 215.066
Area (km²): 11.30
Perimeter (km): 38.52
Pixel Scale Range (m): 8-8
Coverage (%): 99

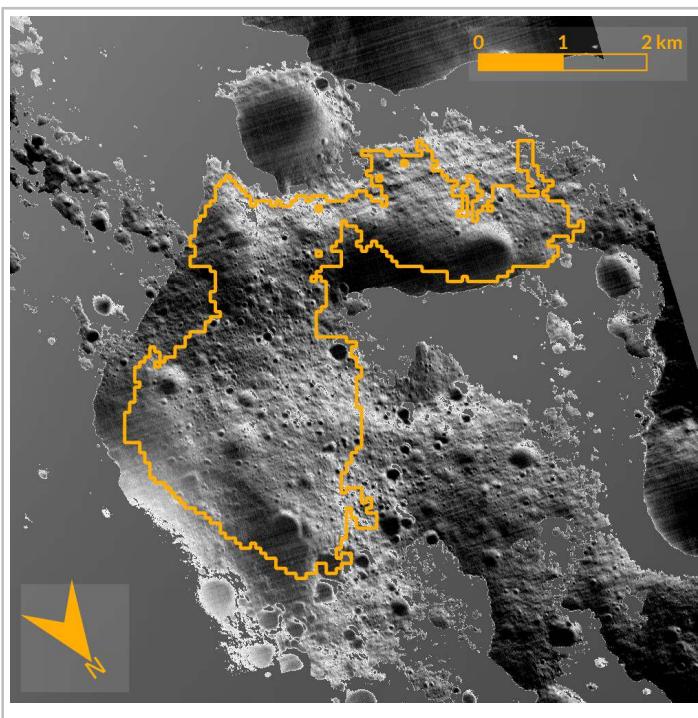
Features of Interest:
Notes: High density of craters
Image Lists: lroc.sese.asu.edu/psr/NP_830560_2150660



NP_830560_2150660_WAC_Color_Shade_context



NP_830560_2150660_2014-059

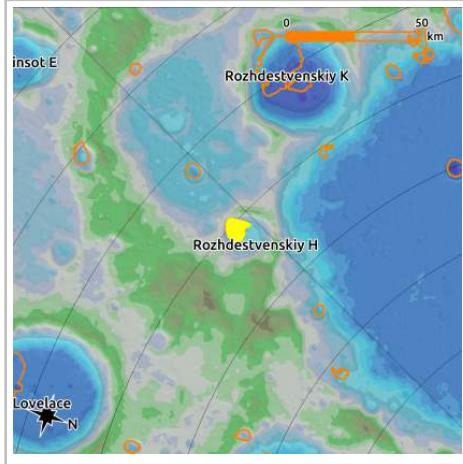


NP_830560_2150660_2014-359

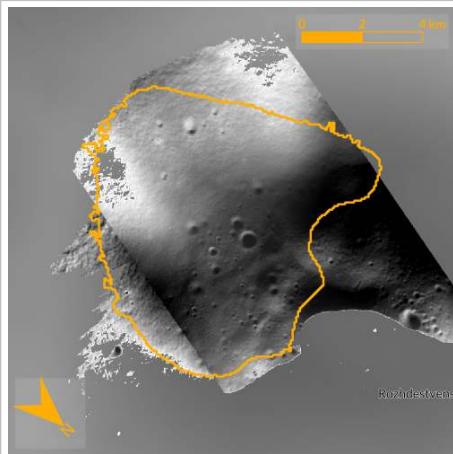
NP_830710_2269810

Lunar Features: Rozhdestvenskiy H Crater
Centroid Latitude: 83.071
Centroid Longitude: 226.981
Area (km²): 61.94
Perimeter (km): 51.48
Pixel Scale Range (m): 8-20
Coverage (%): 100

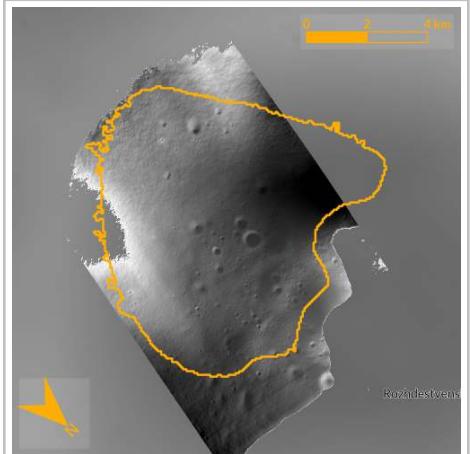
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_830710_2269810



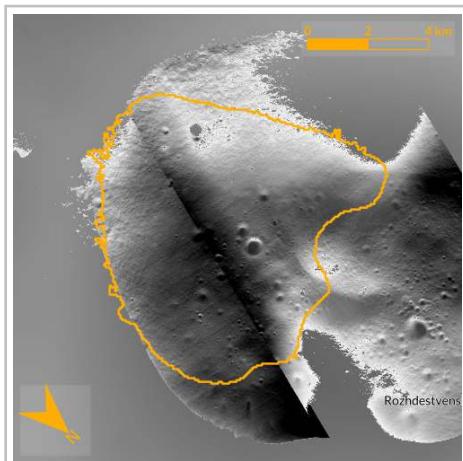
NP_830710_2269810_WAC_Color_Shade_context



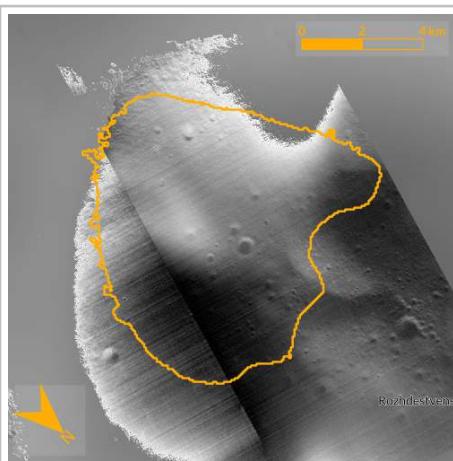
NP_830710_2269810_2013-068



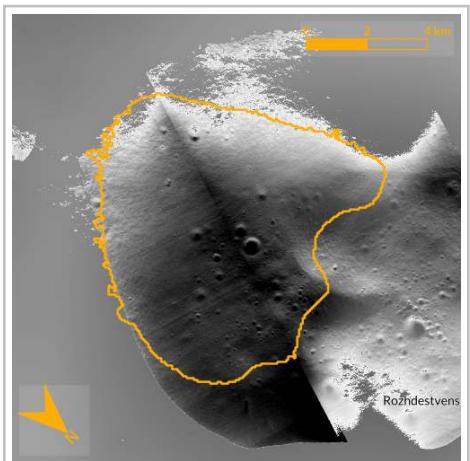
NP_830710_2269810_2013-095



NP_830710_2269810_2014-031



NP_830710_2269810_2014-358

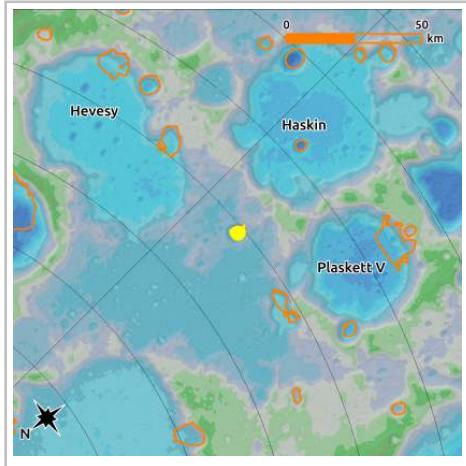


NP_830710_2269810_2015-020

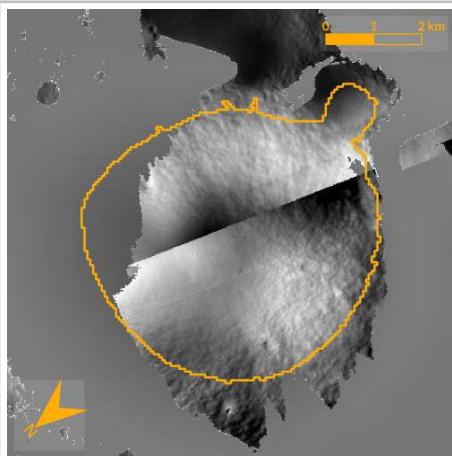
NP_830720_1299900

Lunar Features: Plaskett V Crater,, Hevesy Crater
Centroid Latitude: 83.072
Centroid Longitude: 129.99
Area (km²): 28.01
Perimeter (km): 28.8
Pixel Scale Range (m): 5-20
Coverage (%): 100

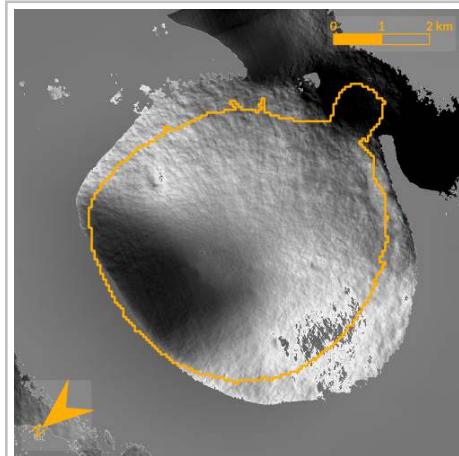
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_830720_1299900



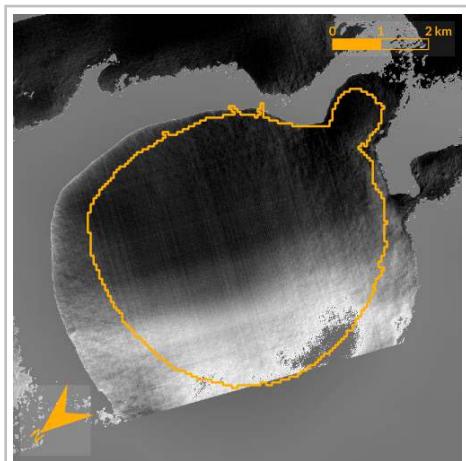
NP_830720_1299900_WAC_Color_Shade_context



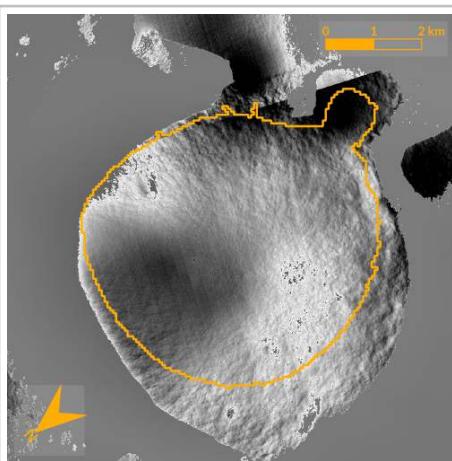
NP_830720_1299900_2013-049



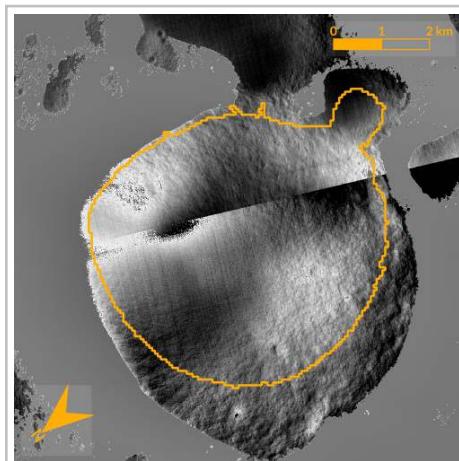
NP_830720_1299900_2013-076



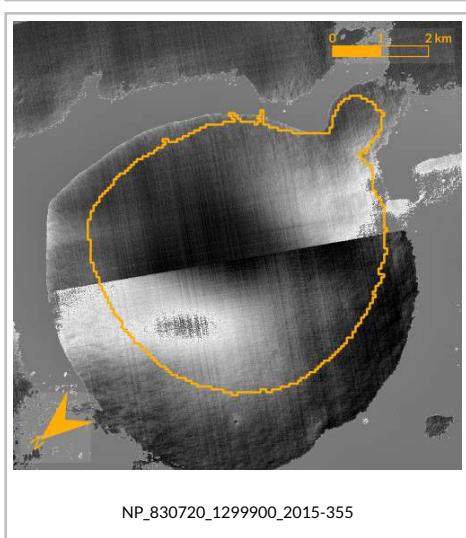
NP_830720_1299900_2014-011



NP_830720_1299900_2014-038



NP_830720_1299900_2015-028

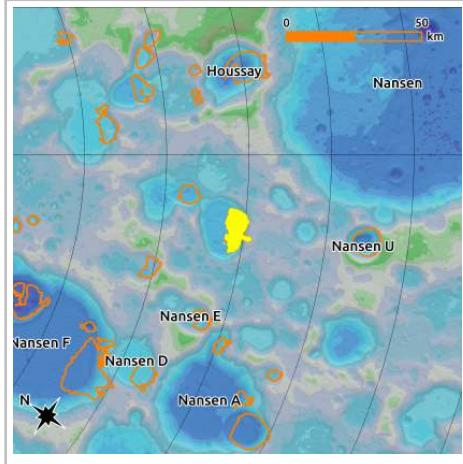


NP_830720_1299900_2015-355

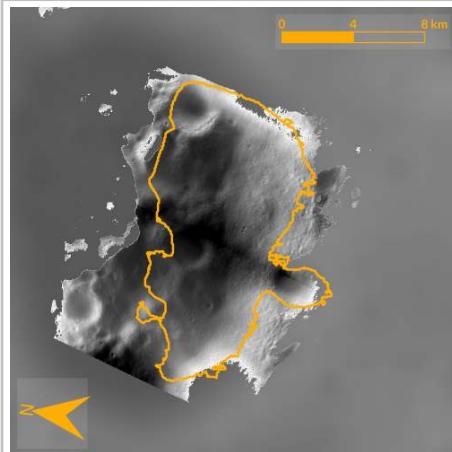
NP_830960_0824310

Lunar Features: Nansen Crater, Nansen F Crater
Centroid Latitude: 83.096
Centroid Longitude: 82.431
Area (km²): 108.05
Perimeter (km): 93.12
Pixel Scale Range (m): 5-20
Coverage (%): 99

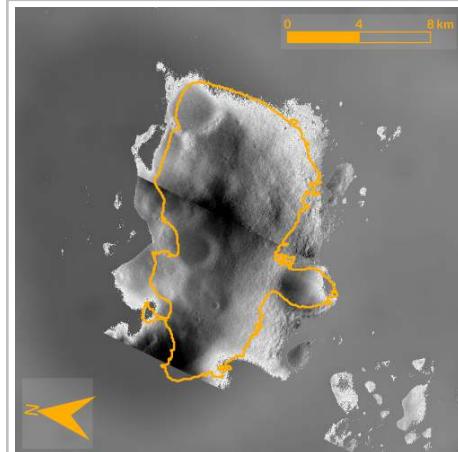
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_830960_0824310



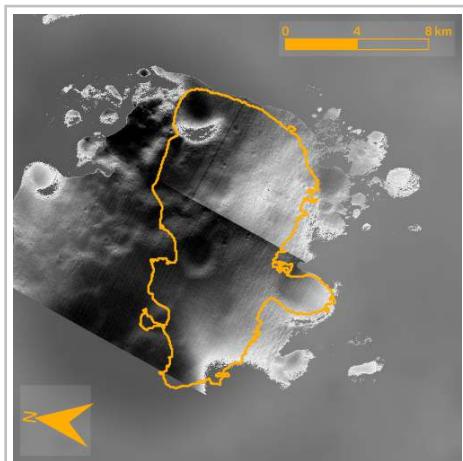
NP_830960_0824310_WAC_Color_Shade_context



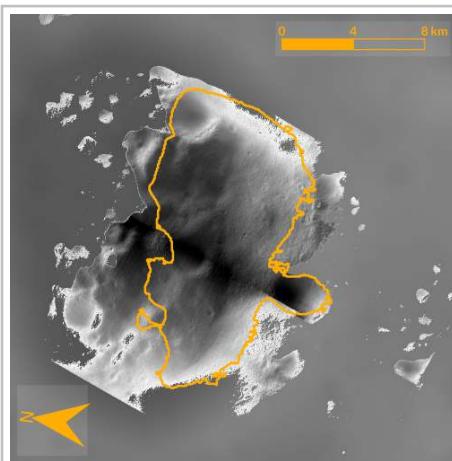
NP_830960_0824310_2013-052



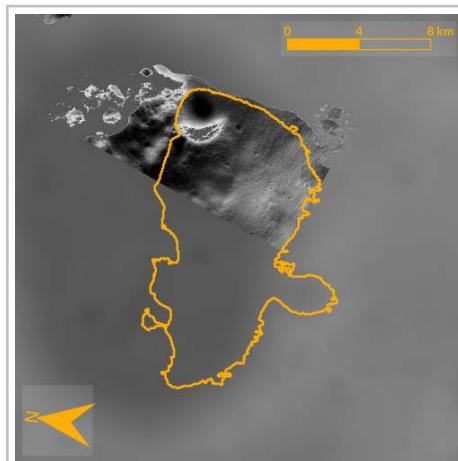
NP_830960_0824310_2013-079



NP_830960_0824310_2014-015



NP_830960_0824310_2014-042



NP_830960_0824310_2015-004

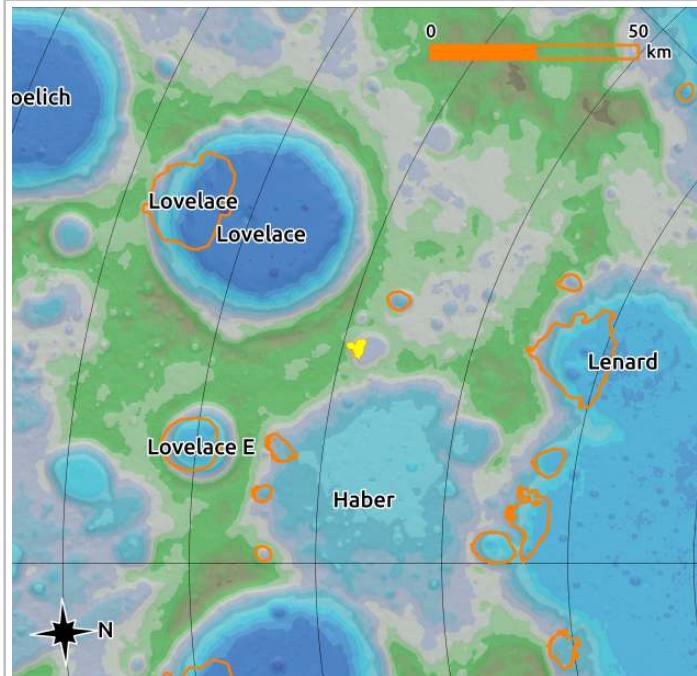
NP_831160_2556000

Lunar Features: Haber Crater, Lovelace E Crater
Centroid Latitude: 83.116
Centroid Longitude: 255.6
Area (km²): 13.17
Perimeter (km): 30.6
Pixel Scale Range (m): 8-20
Coverage (%): 95

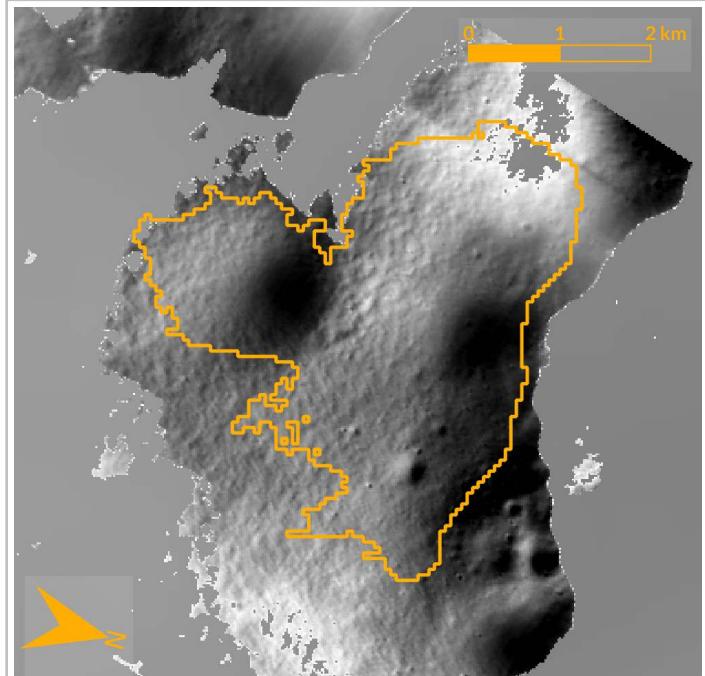
Features of Interest:

Notes:

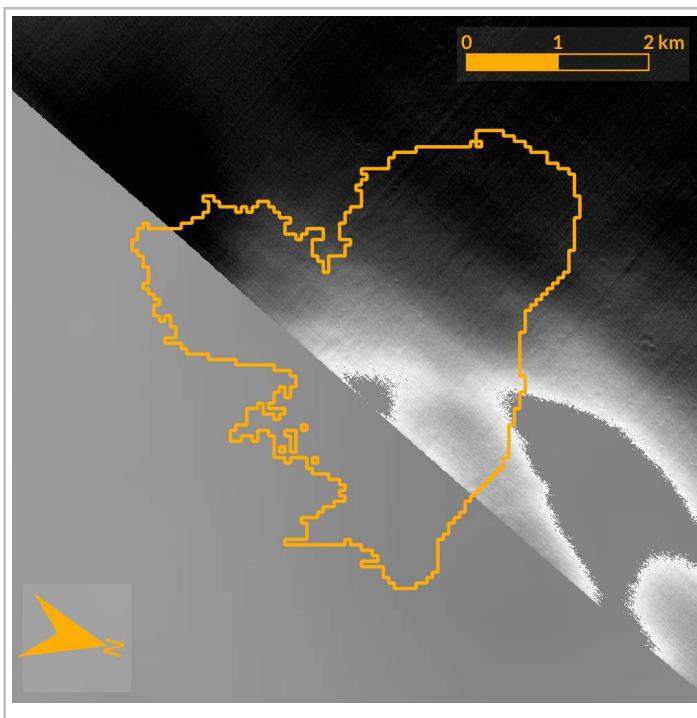
Image Lists: lroc.sese.asu.edu/psr/NP_831160_2556000



NP_831160_2556000_WAC_Color_Shade_context



NP_831160_2556000_2013-066



NP_831160_2556000_2014-356

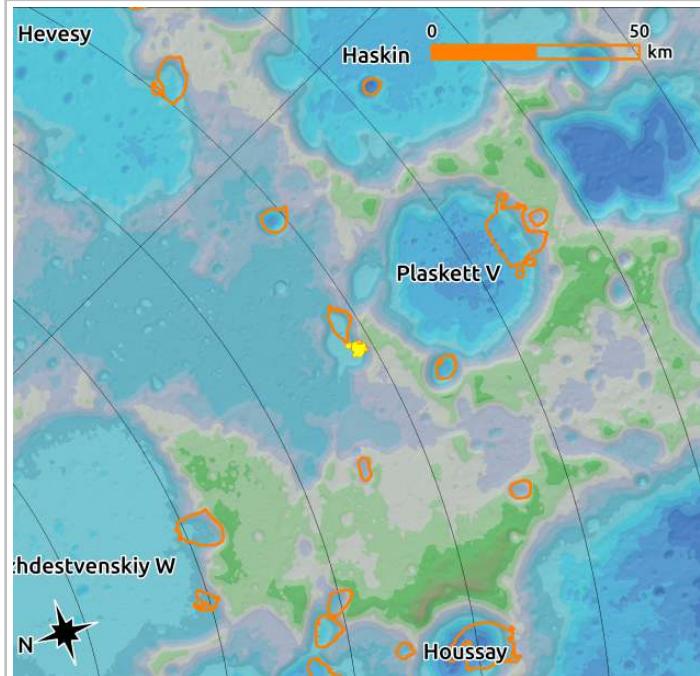
NP_831210_1199140

Lunar Features: Plaskett V Crater,, Rozhdestvenskiy W Crater
Centroid Latitude: 83.121
Centroid Longitude: 119.914
Area (km²): 12.96
Perimeter (km): 43.44
Pixel Scale Range (m): 6-20
Coverage (%): 100

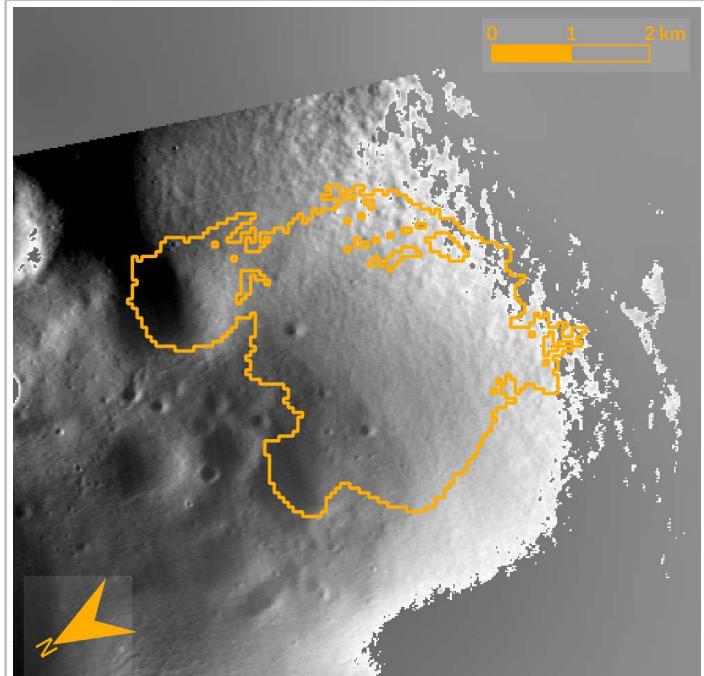
Features of Interest:

Notes:

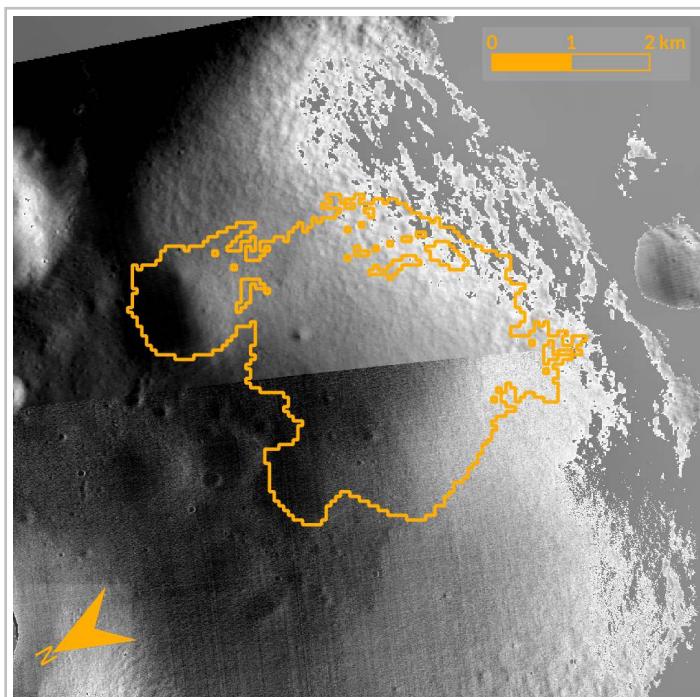
Image Lists: lroc.sese.asu.edu/psr/NP_831210_1199140



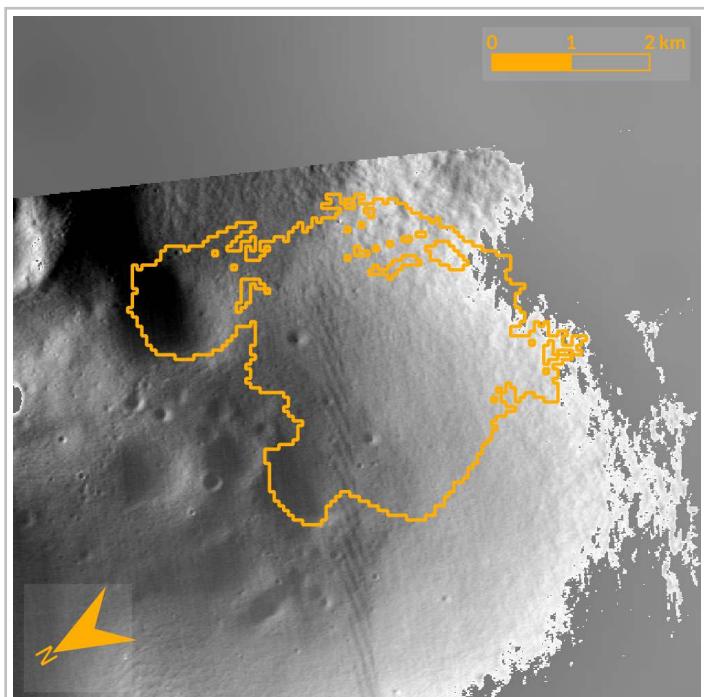
NP_831210_1199140_WAC_Color_Shade_context



NP_831210_1199140_2013-049



NP_831210_1199140_2013-077



NP_831210_1199140_2014-039

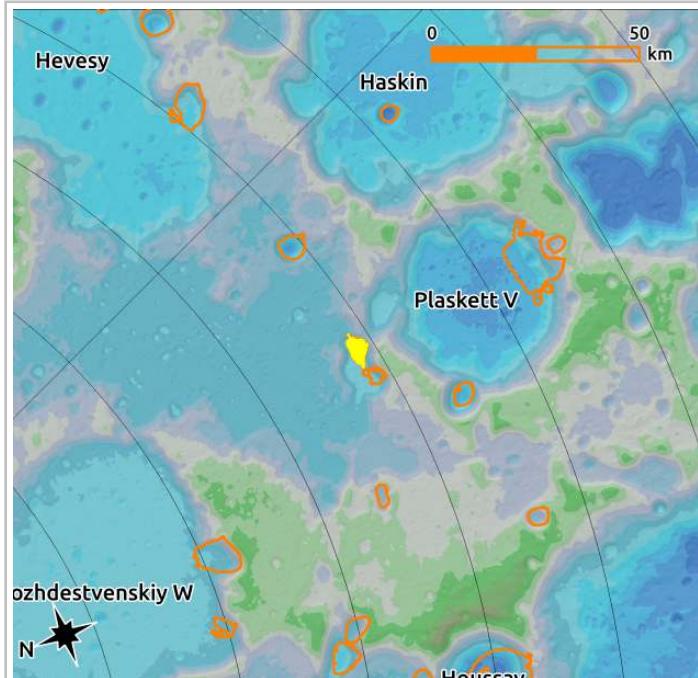
NP_831350_1219760

Lunar Features: Plaskett V Crater,, Rozhdestvenskiy W Crater
Centroid Latitude: 83.135
Centroid Longitude: 121.976
Area (km²): 28.02
Perimeter (km): 42.84
Pixel Scale Range (m): 8-20
Coverage (%): 100

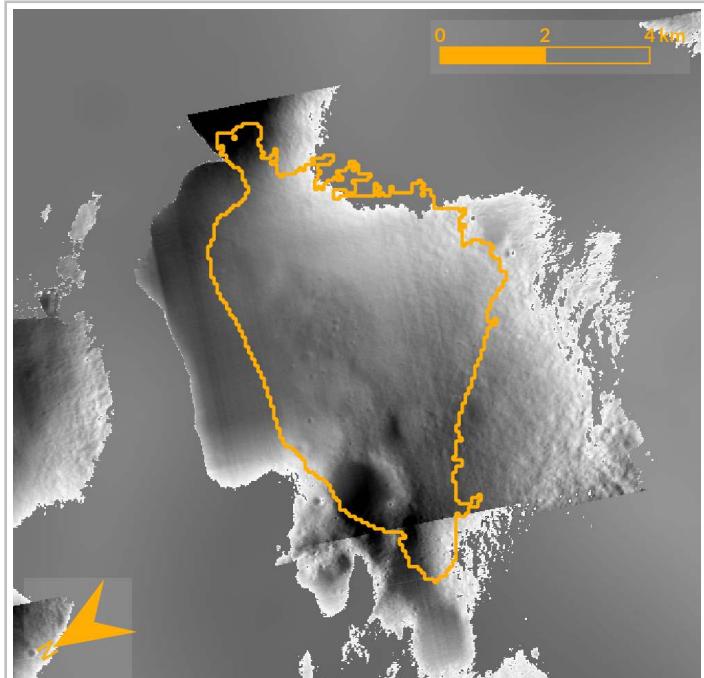
Features of Interest:

Notes:

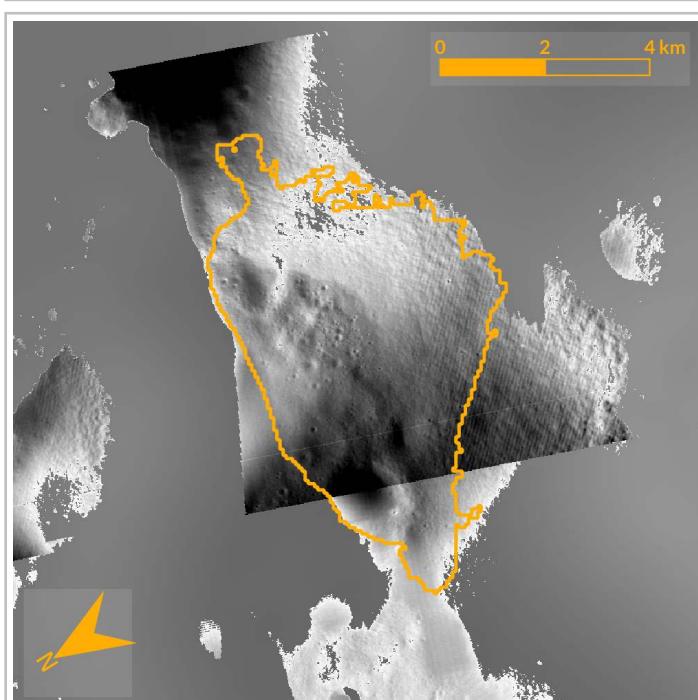
Image Lists: lroc.sese.asu.edu/psr/NP_831350_1219760



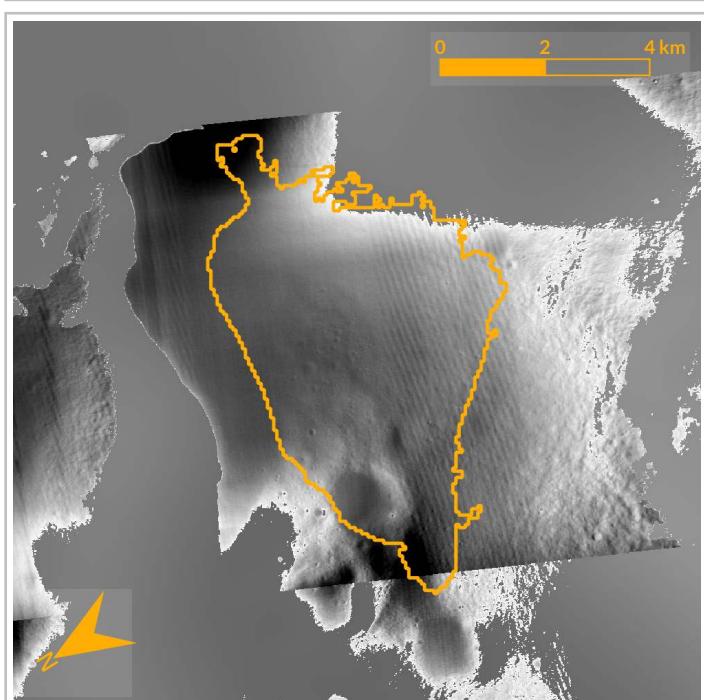
NP_831350_1219760_WAC_Color_Shade_context



NP_831350_1219760_2013-049



NP_831350_1219760_2013-077

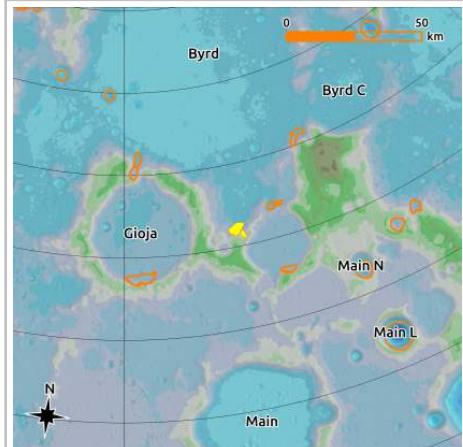


NP_831350_1219760_2014-039

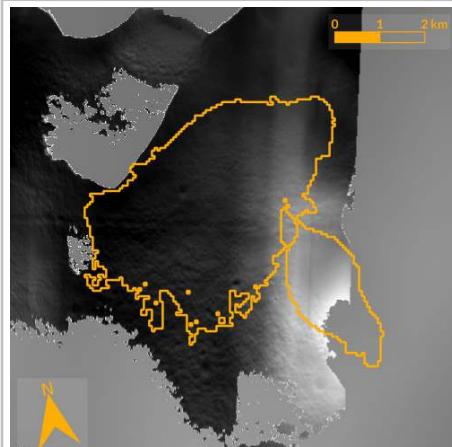
NP_831990_0116710

Lunar Features: Main N Crater,, Gioja Crater
Centroid Latitude: 83.199
Centroid Longitude: 11.671
Area (km²): 21.71
Perimeter (km): 48.6
Pixel Scale Range (m): 5-20
Coverage (%): 100

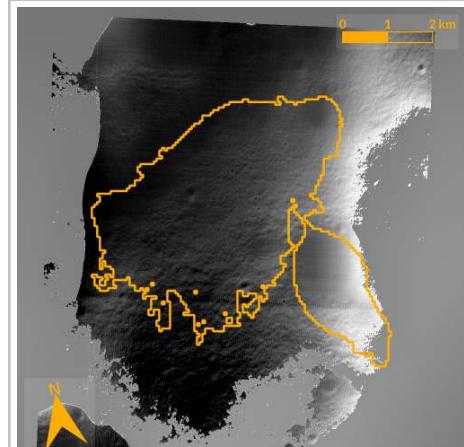
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_831990_0116710



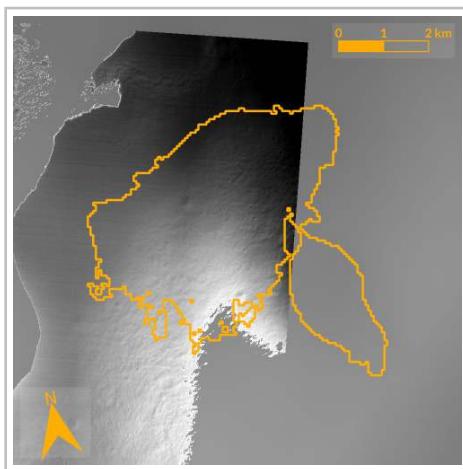
NP_831990_0116710_WAC_Color_Shade_context



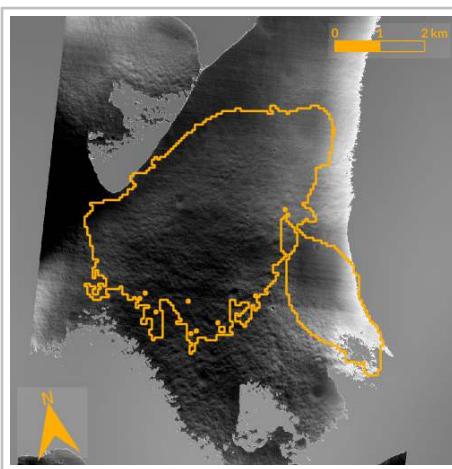
NP_831990_0116710_2013-057



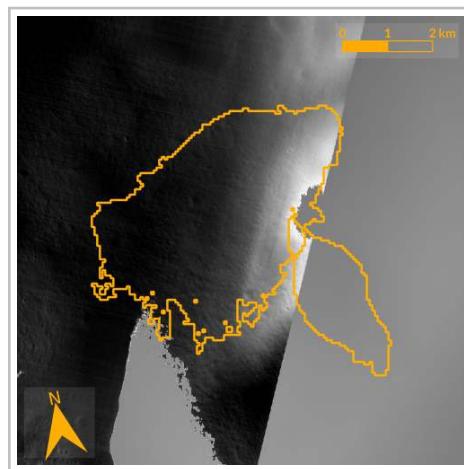
NP_831990_0116710_2013-085



NP_831990_0116710_2013-112



NP_831990_0116710_2014-047

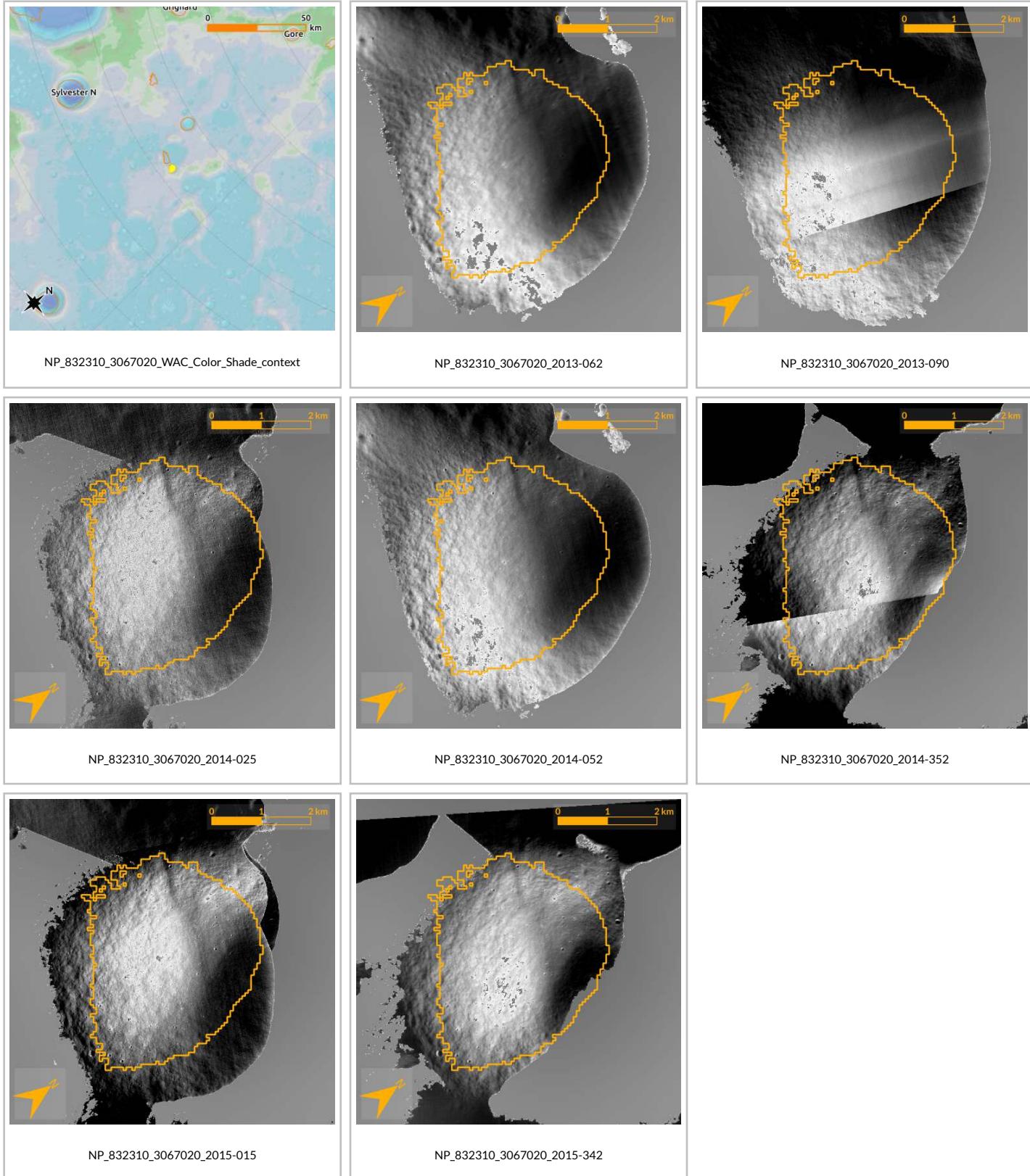


NP_831990_0116710_2015-364

NP_832310_3067020

Lunar Features: Sylvester N Crater, Florey Crater
Centroid Latitude: 83.231
Centroid Longitude: 306.702
Area (km²): 11.37
Perimeter (km): 22.8
Pixel Scale Range (m): 2-20
Coverage (%): 100

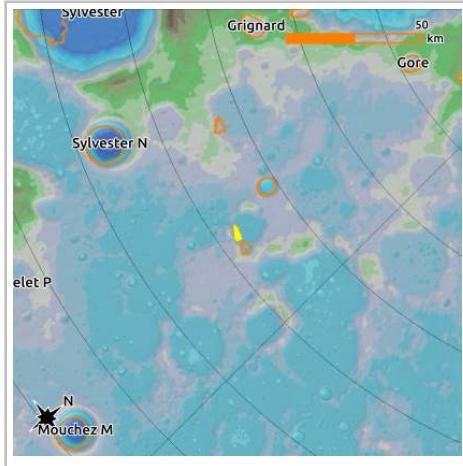
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_832310_3067020



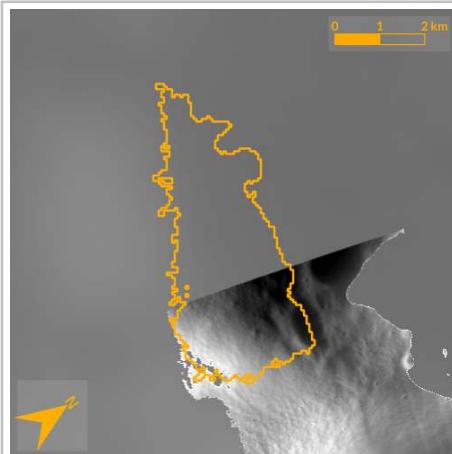
NP_832510_3050000

Lunar Features: Sylvester N Crater, Florey Crater
Centroid Latitude: 83.251
Centroid Longitude: 305.0
Area (km²): 13.01
Perimeter (km): 34.56
Pixel Scale Range (m): 2-20
Coverage (%): 100

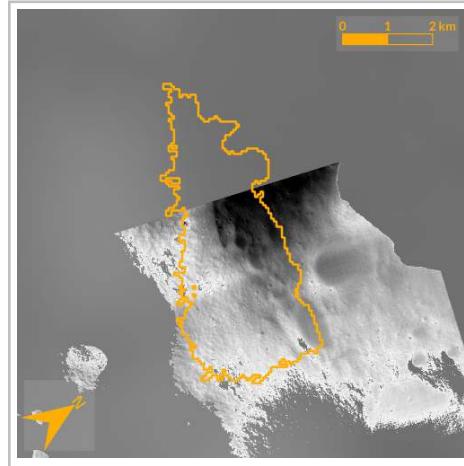
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_832510_3050000



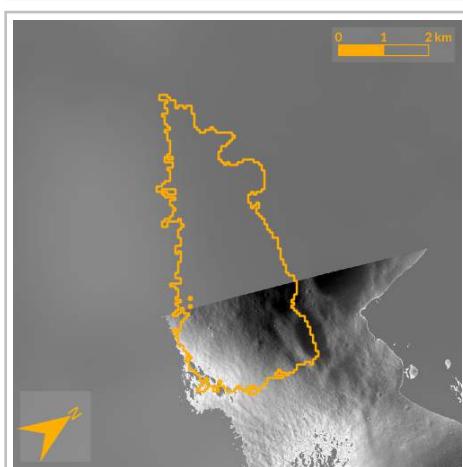
NP_832510_3050000_WAC_Color_Shade_context



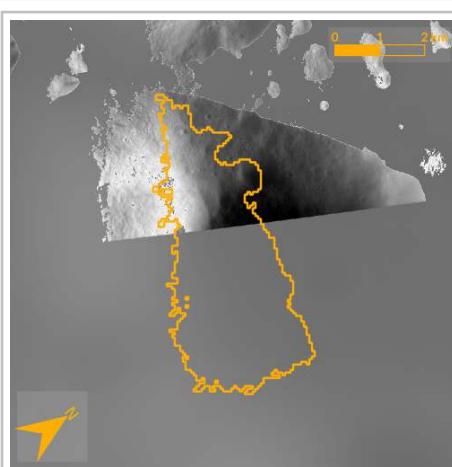
NP_832510_3050000_2013-062



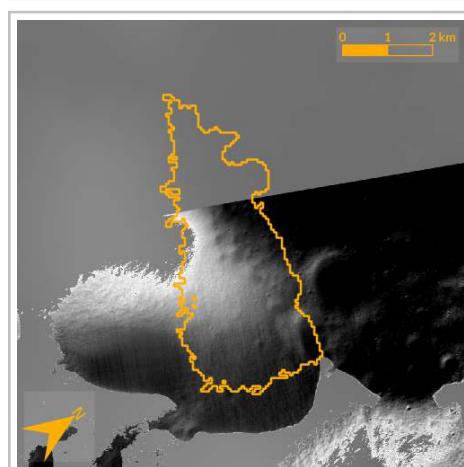
NP_832510_3050000_2013-090



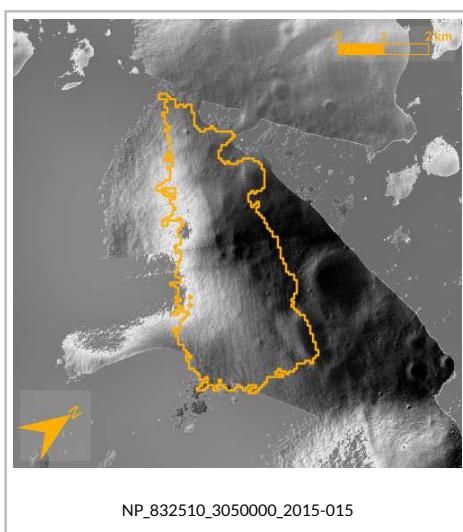
NP_832510_3050000_2014-052



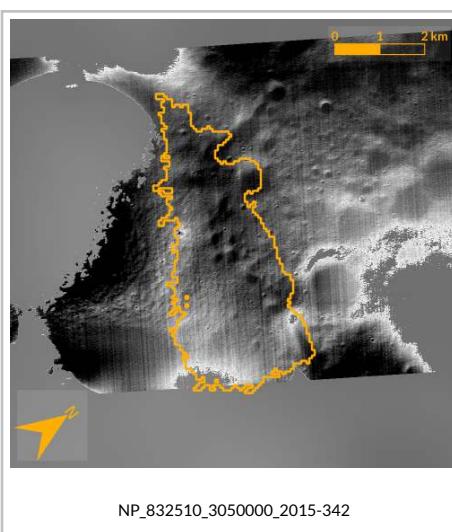
NP_832510_3050000_2014-053



NP_832510_3050000_2014-352



NP_832510_3050000_2015-015

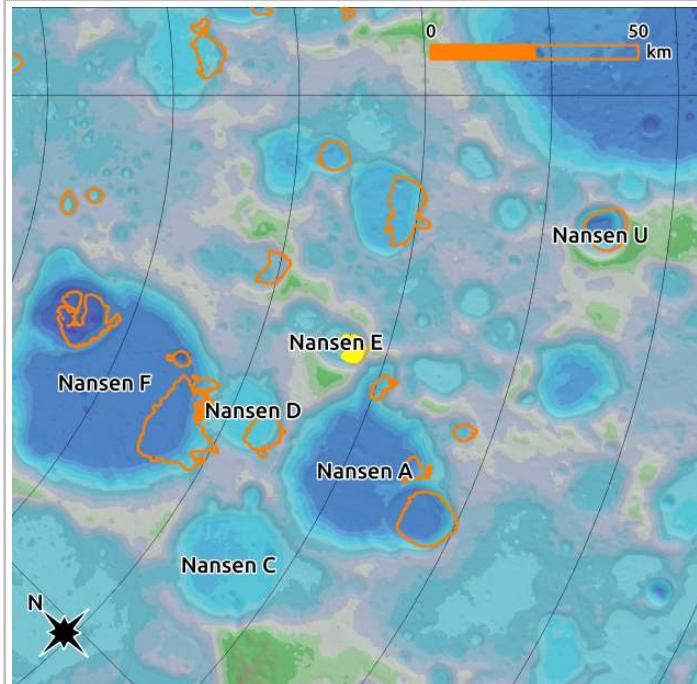


NP_832510_3050000_2015-342

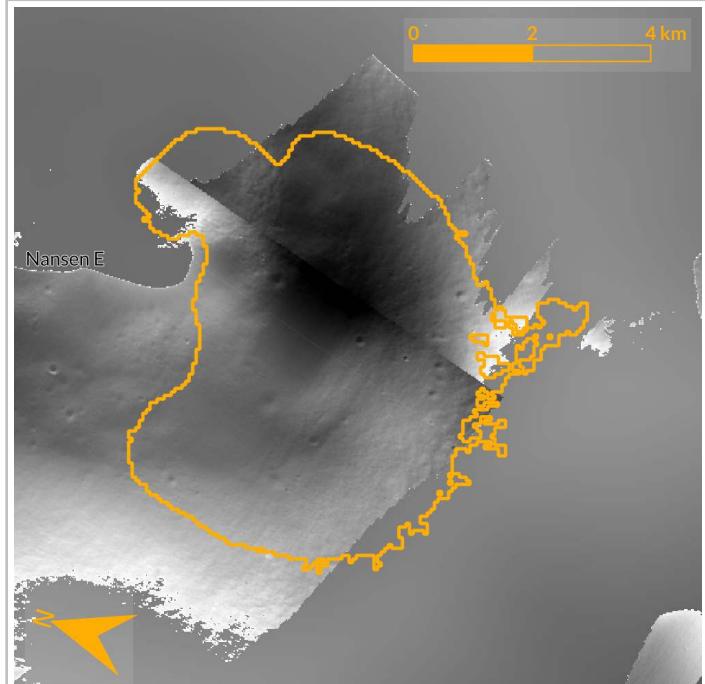
NP_832630_0726160

Lunar Features: Nansen E Crater
Centroid Latitude: 83.263
Centroid Longitude: 72.616
Area (km²): 34.63
Perimeter (km): 54.96
Pixel Scale Range (m): 5-20
Coverage (%): 100

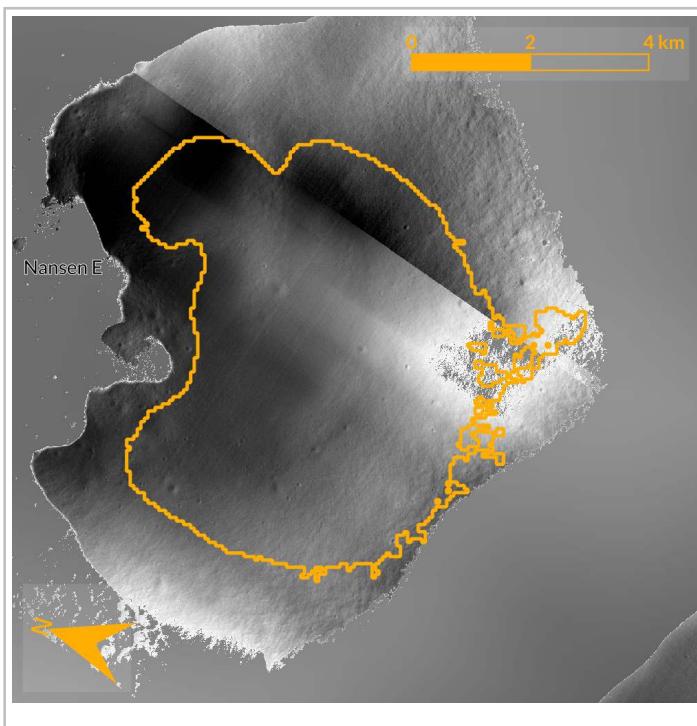
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_832630_0726160



NP_832630_0726160_WAC_Color_Shade_context



NP_832630_0726160_2013-053

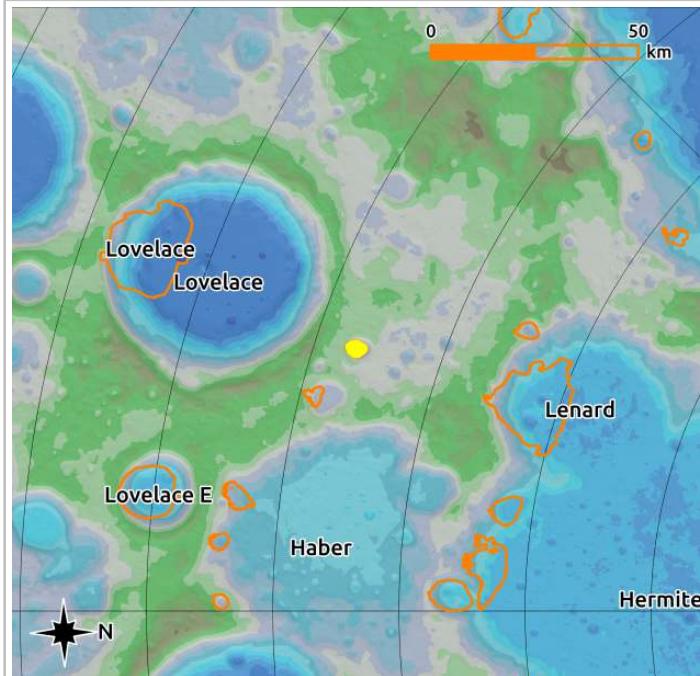


NP_832630_0726160_2013-080

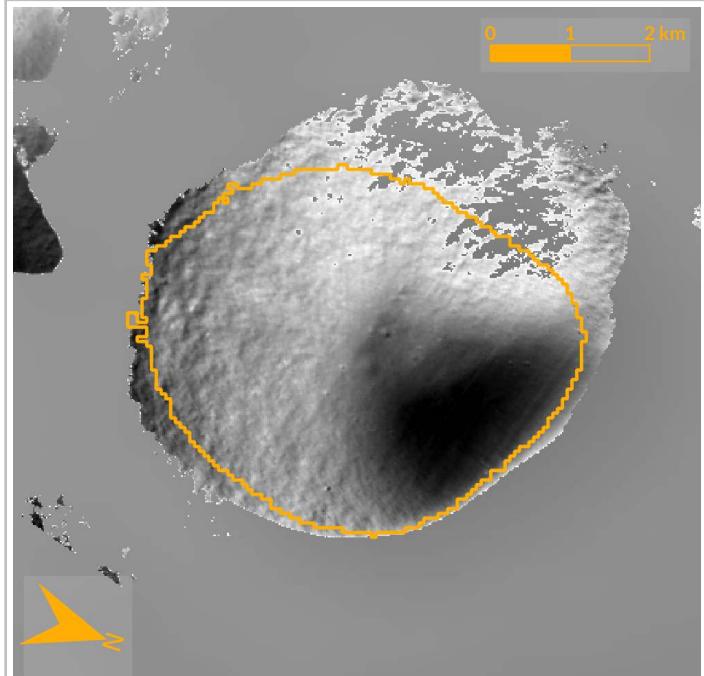
NP_833270_2517900

Lunar Features: Lenard Crater, Lovelace E Crater
Centroid Latitude: 83.327
Centroid Longitude: 251.79
Area (km²): 18.69
Perimeter (km): 22.32
Pixel Scale Range (m): 5-20
Coverage (%): 95

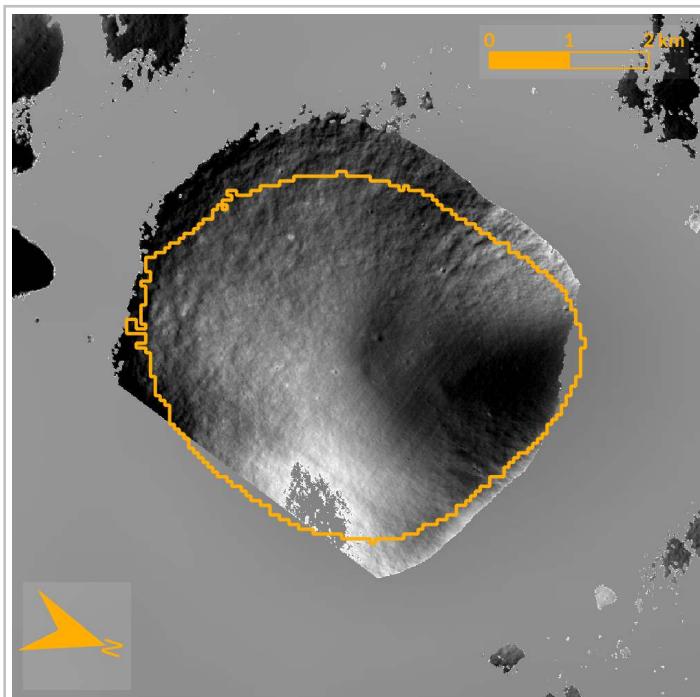
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_833270_2517900



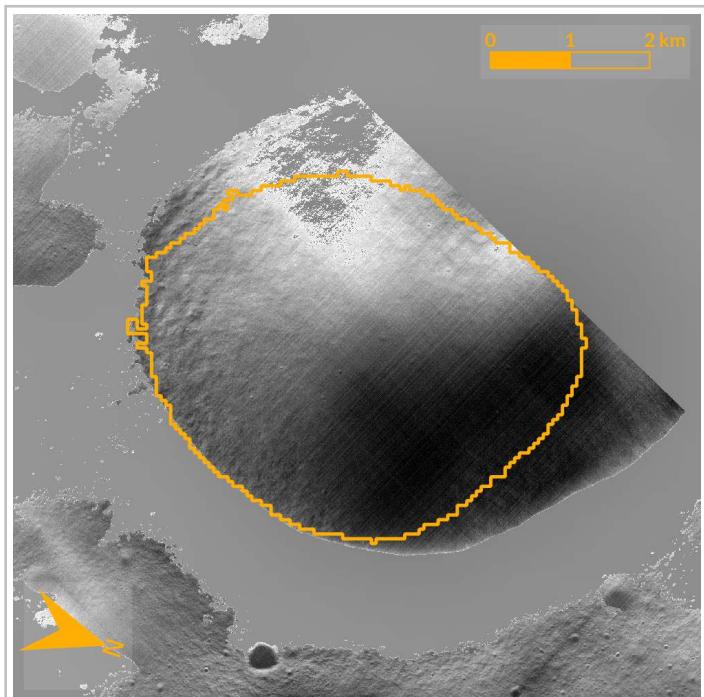
NP_833270_2517900_WAC_Color_Shade_context



NP_833270_2517900_2013-067



NP_833270_2517900_2013-094

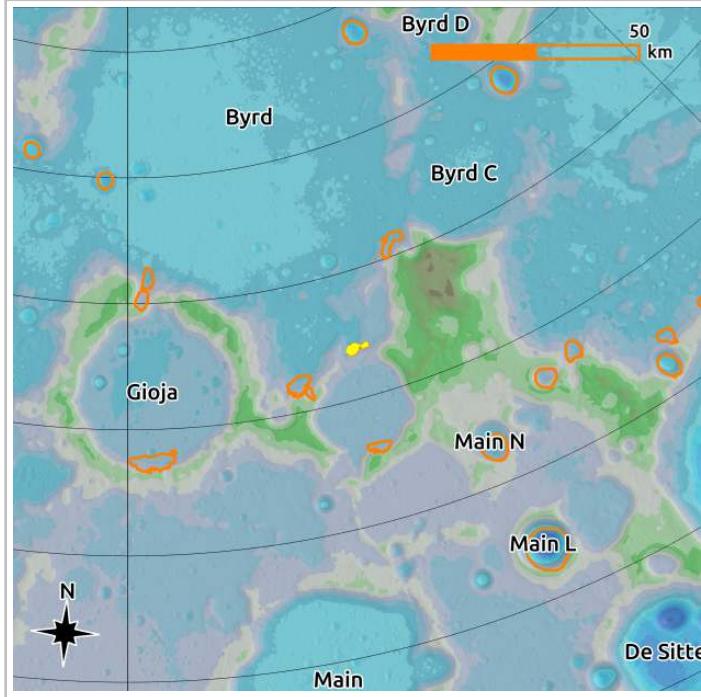


NP_833270_2517900_2015-019

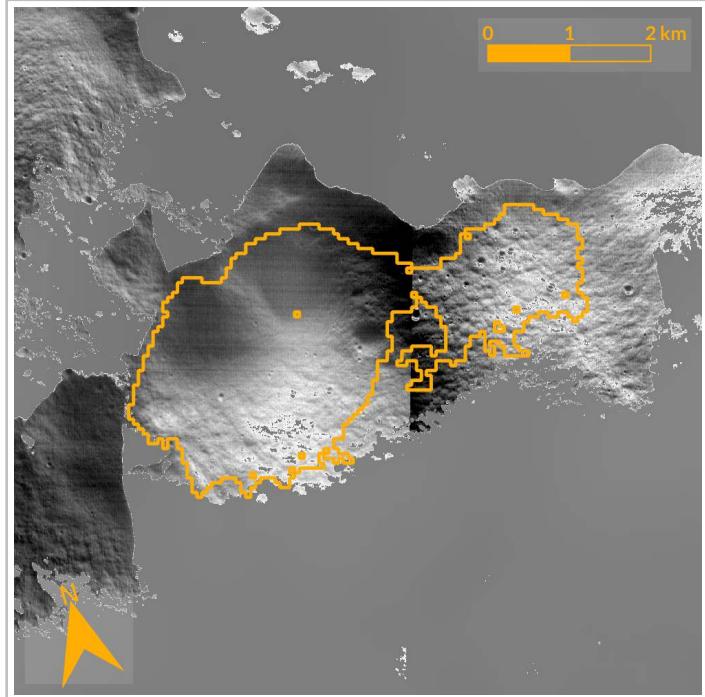
NP_833940_0159140

Lunar Features: Main N Crater, Gioja Crater
Centroid Latitude: 83.394
Centroid Longitude: 15.914
Area (km²): 10.25
Perimeter (km): 31.44
Pixel Scale Range (m): 5-8
Coverage (%): 97

Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_833940_0159140



NP_833940_0159140_WAC_Color_Shade_context



NP_833940_0159140_2014-047

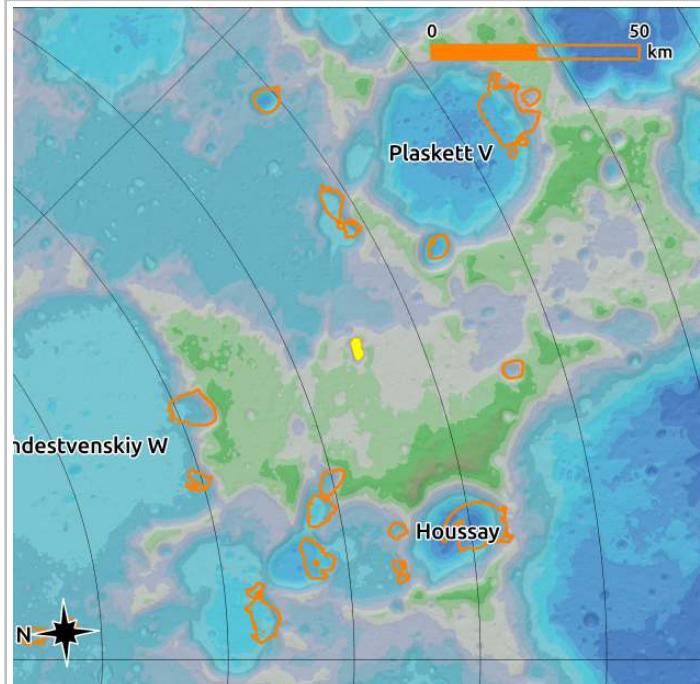
NP_834890_1123290

Lunar Features: Plaskett V Crater, Rozhdestvenskiy W Crater
Centroid Latitude: 83.489
Centroid Longitude: 112.329
Area (km²): 11.79
Perimeter (km): 21.36
Pixel Scale Range (m): 8-20
Coverage (%): 60

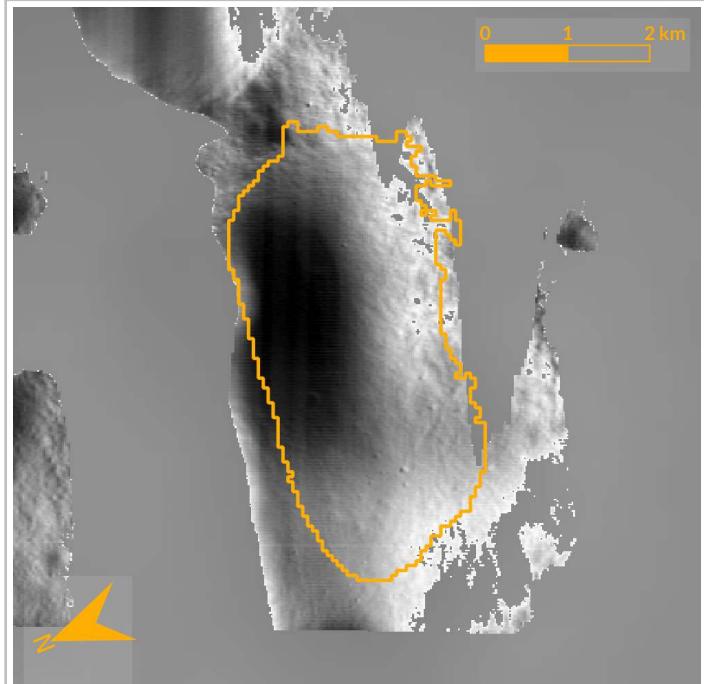
Features of Interest:

Notes:

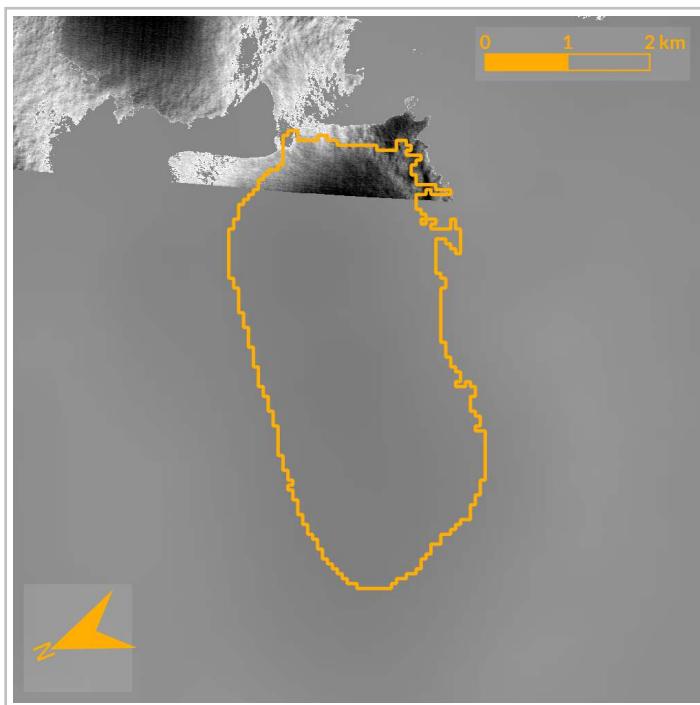
Image Lists: lroc.sese.asu.edu/psr/NP_834890_1123290



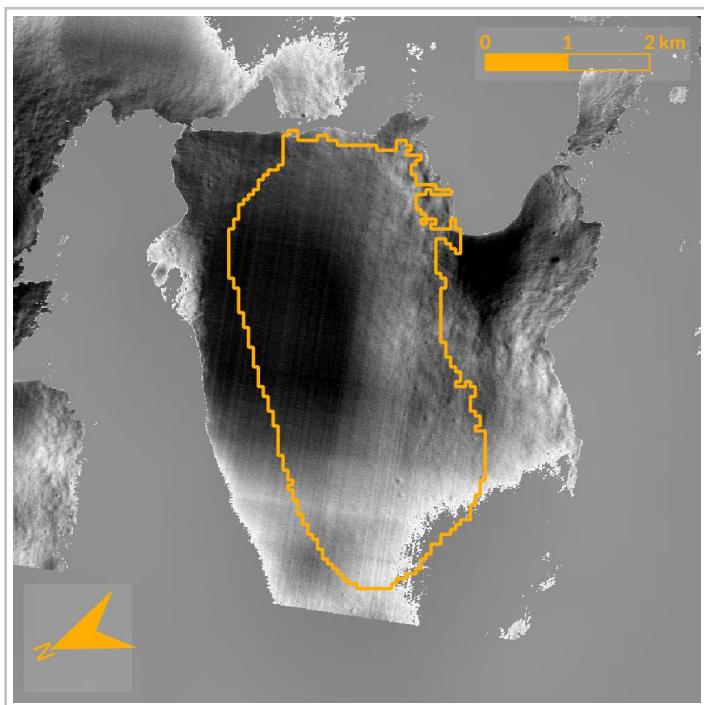
NP_834890_1123290_WAC_Color_Shade_context



NP_834890_1123290_2013-078



NP_834890_1123290_2015-029

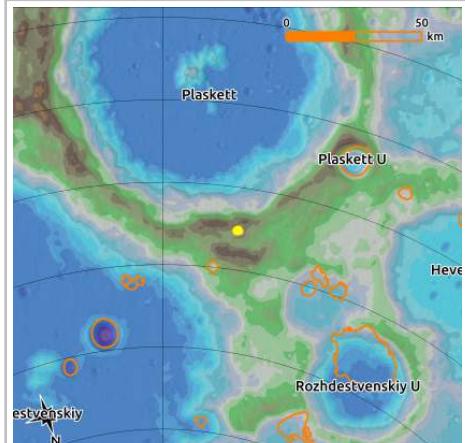


NP_834890_1123290_2015-030

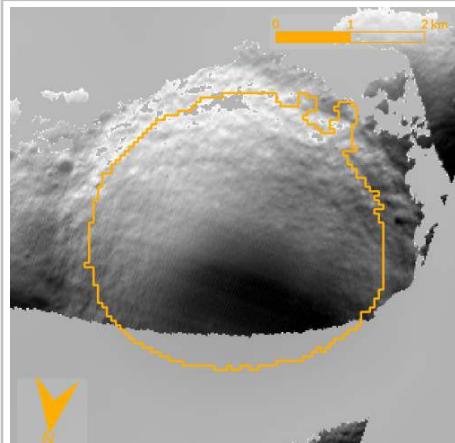
NP_835220_1718690

Lunar Features: Plaskett Crater, Rozhdestvenskiy Crater
Centroid Latitude: 83.522
Centroid Longitude: 171.869
Area (km²): 11.71
Perimeter (km): 18.48
Pixel Scale Range (m): 5-20
Coverage (%): 100

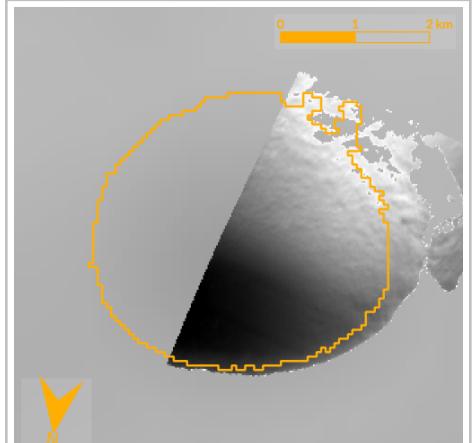
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_835220_1718690



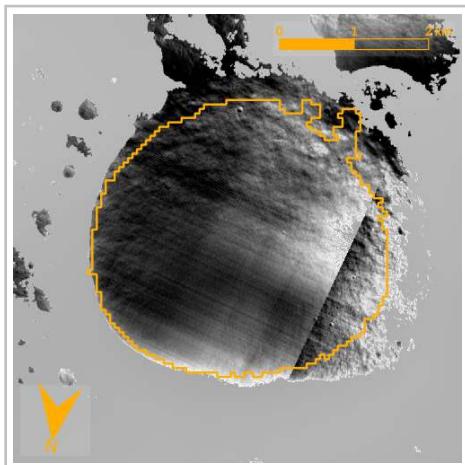
NP_835220_1718690_WAC_Color_Shade_context



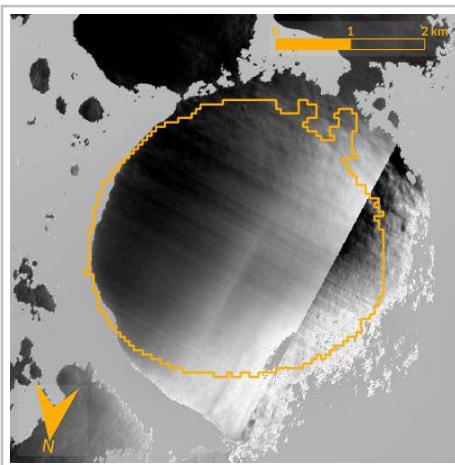
NP_835220_1718690_2013-099



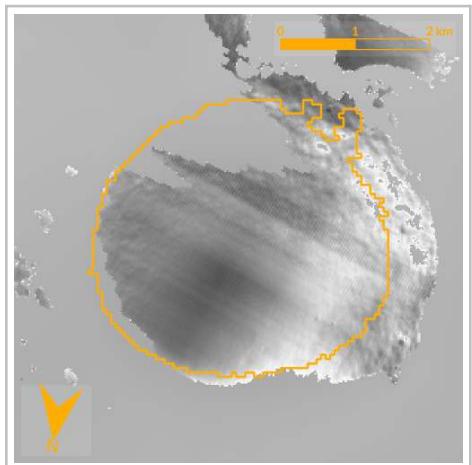
NP_835220_1718690_2013-100



NP_835220_1718690_2014-035



NP_835220_1718690_2014-362

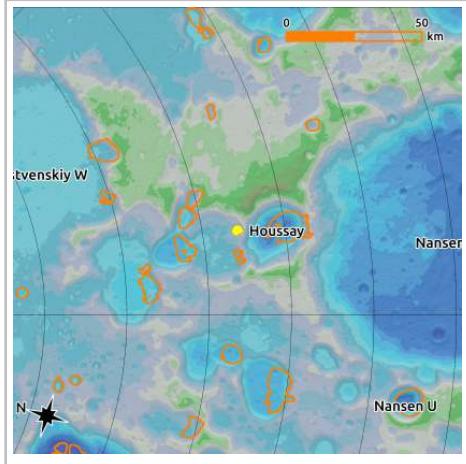


NP_835220_1718690_2015-024

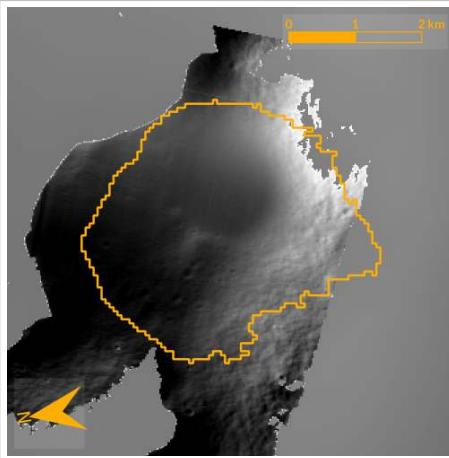
NP_835750_0992020

Lunar Features: Houssay Crater, Rozhdestvenskiy W Crater
Centroid Latitude: 83.575
Centroid Longitude: 99.202
Area (km²): 11.53
Perimeter (km): 18.96
Pixel Scale Range (m): 8-20
Coverage (%): 90

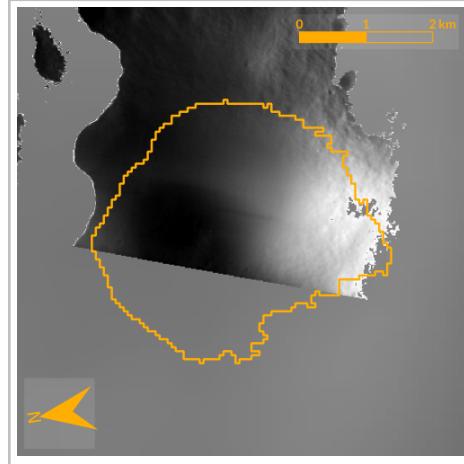
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_835750_0992020



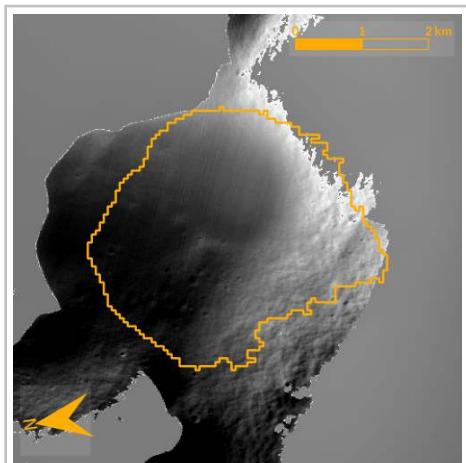
NP_835750_0992020_WAC_Color_Shade_context



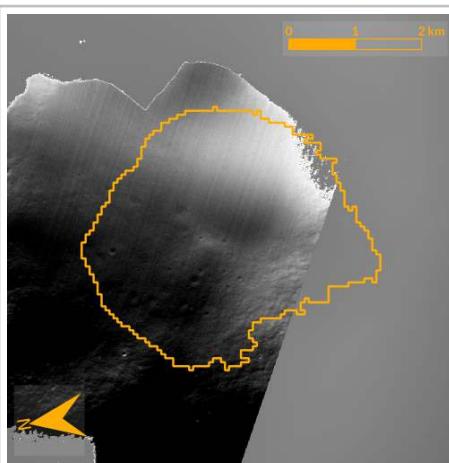
NP_835750_0992020_2013-051



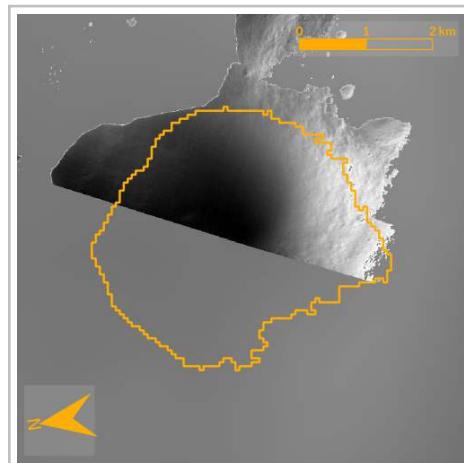
NP_835750_0992020_2013-078



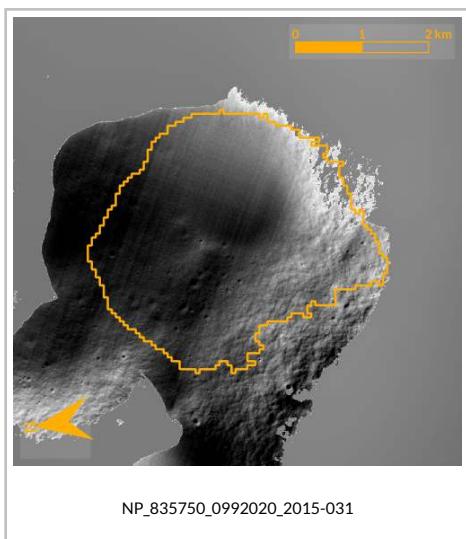
NP_835750_0992020_2014-041



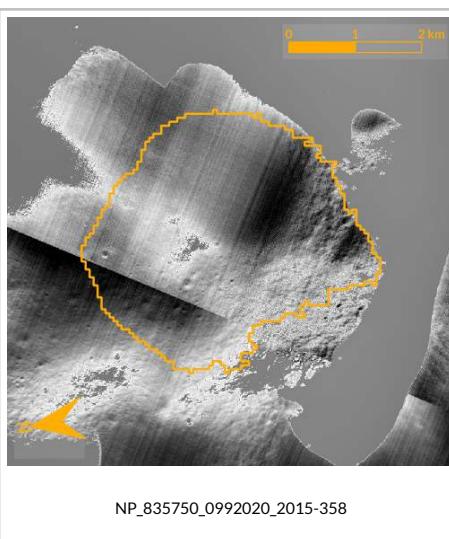
NP_835750_0992020_2015-003



NP_835750_0992020_2015-030



NP_835750_0992020_2015-031



NP_835750_0992020_2015-358

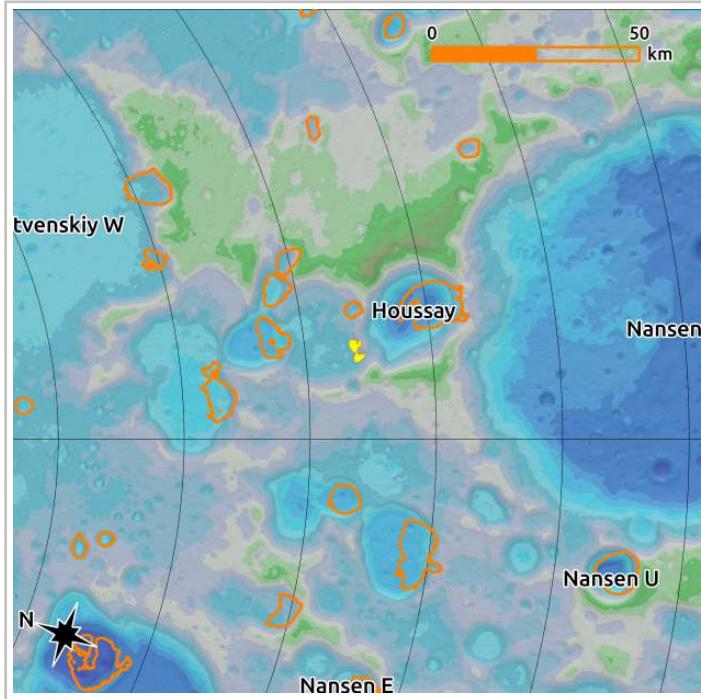
NP_835940_0963280

Lunar Features: Houssay Crater, Rozhdestvenskiy W Crater
Centroid Latitude: 83.594
Centroid Longitude: 96.328
Area (km²): 10.49
Perimeter (km): 37.44
Pixel Scale Range (m): 8-20
Coverage (%): 60

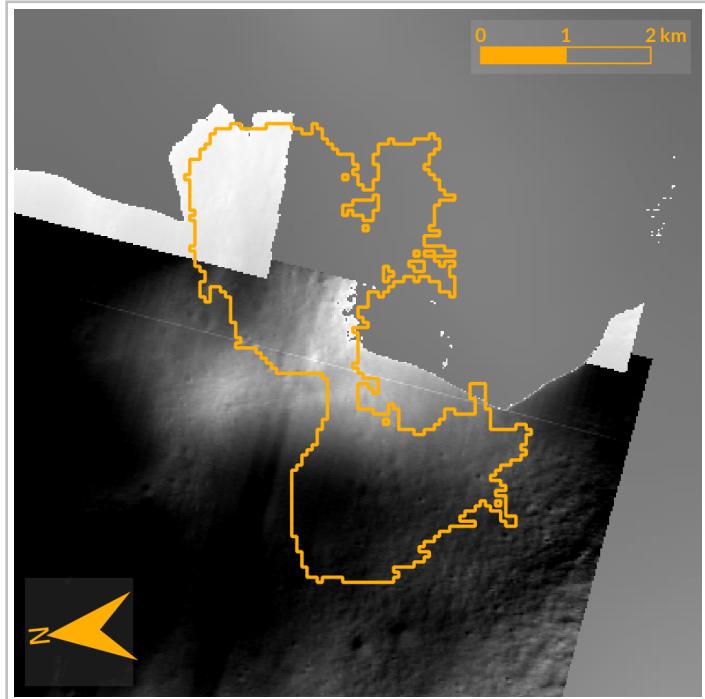
Features of Interest:

Notes:

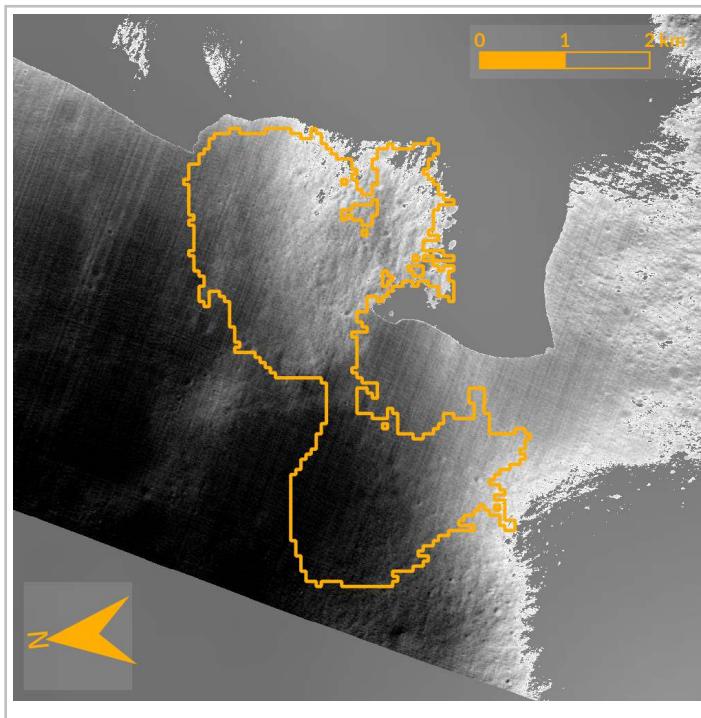
Image Lists: lroc.sese.asu.edu/psr/NP_835940_0963280



NP_835940_0963280_WAC_Color_Shade_context



NP_835940_0963280_2013-051



NP_835940_0963280_2015-031

NP_836850_0649500

Lunar Features: Nansen D Crater

Centroid Latitude: 83.685

Centroid Longitude: 64.95

Area (km²): 63.33

Perimeter (km): 66.48

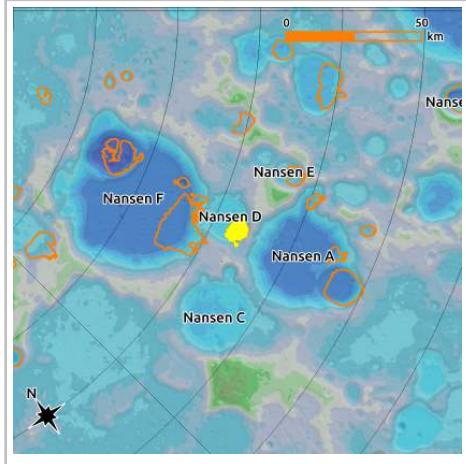
Pixel Scale Range (m): 2-20

Coverage (%): 100

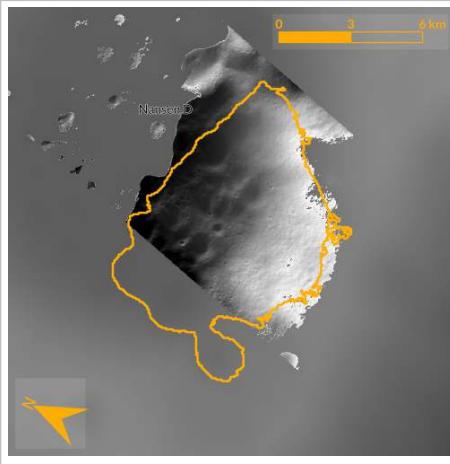
Features of Interest:

Notes:

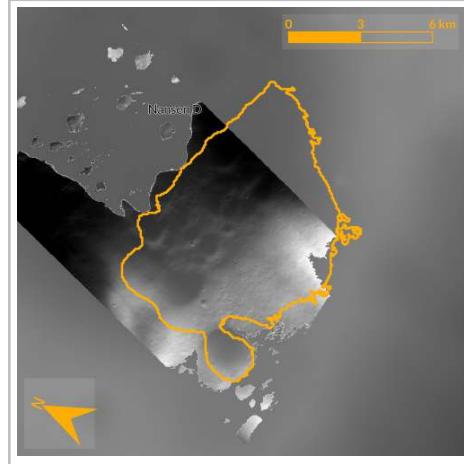
Image Lists: lroc.sese.asu.edu/psr/NP_836850_0649500



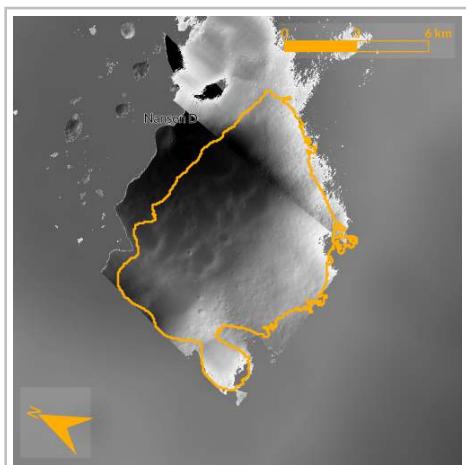
NP_836850_0649500_WAC_Color_Shade_context



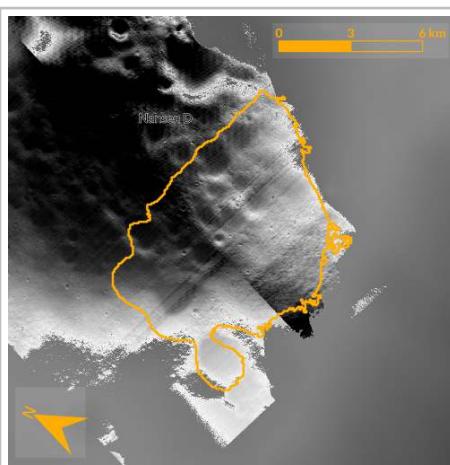
NP_836850_0649500_2013-053



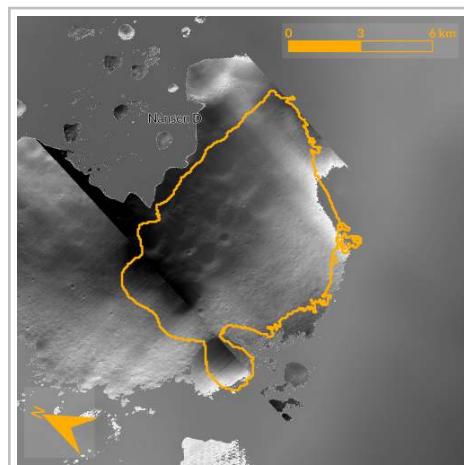
NP_836850_0649500_2013-054



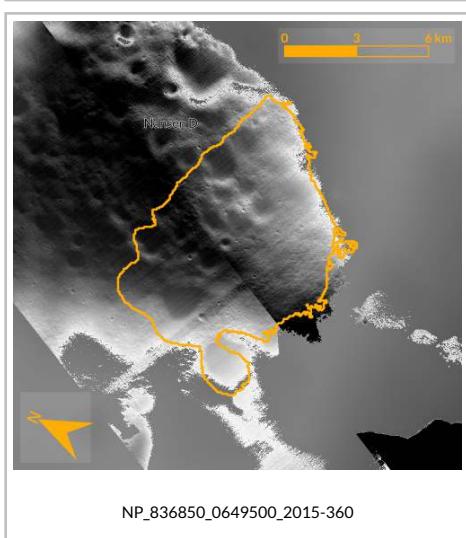
NP_836850_0649500_2013-081



NP_836850_0649500_2014-016



NP_836850_0649500_2014-043



NP_836850_0649500_2015-360

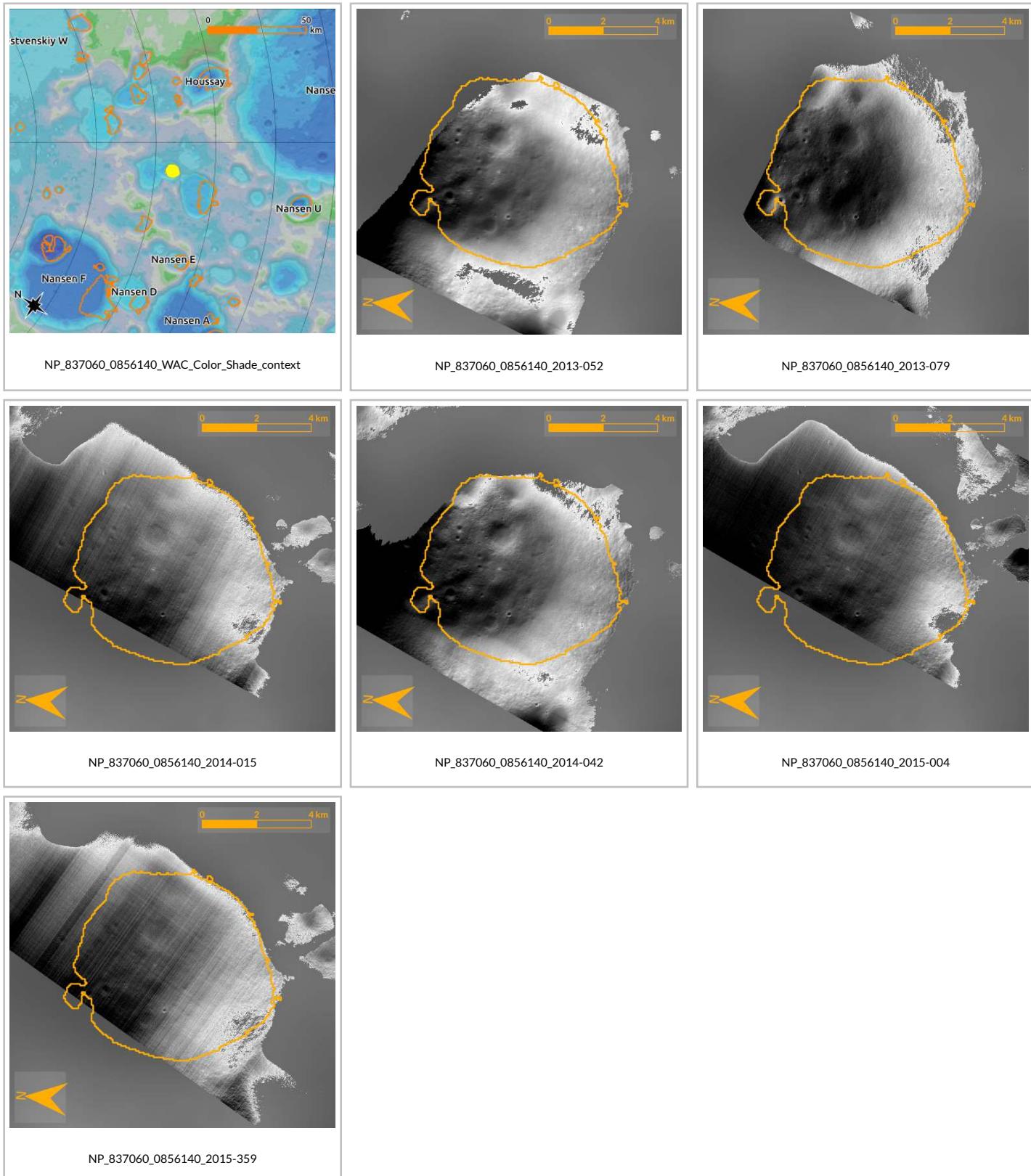
NP_837060_0856140

Lunar Features: Nansen F Crater, Houssay Crater
Centroid Latitude: 83.706
Centroid Longitude: 85.614
Area (km²): 39.23
Perimeter (km): 35.4
Pixel Scale Range (m): 7-20
Coverage (%): 100

Features of Interest:

Notes:

Image Lists: lroc.sese.asu.edu/psr/NP_837060_0856140



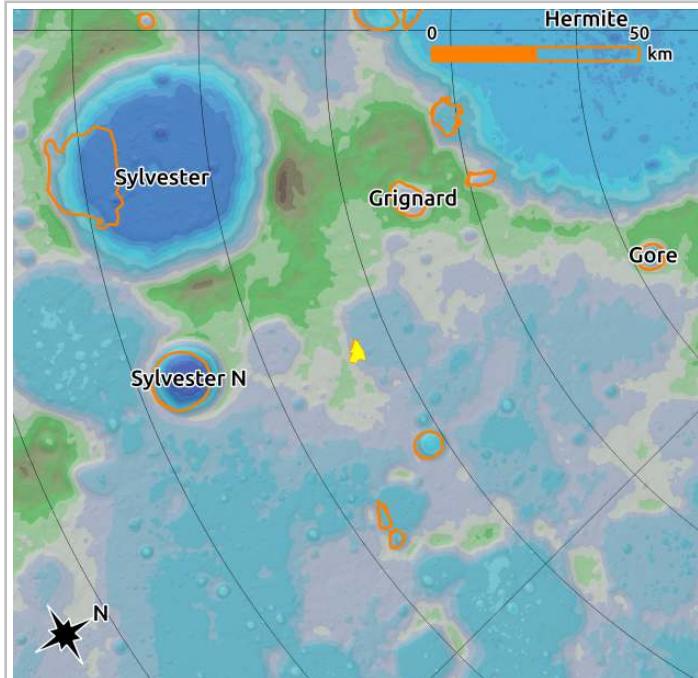
NP_837100_2940600

Lunar Features: Hermite Crater, Sylvester N Crater
Centroid Latitude: 83.71
Centroid Longitude: 294.06
Area (km²): 13.56
Perimeter (km): 40.32
Pixel Scale Range (m): 5-20
Coverage (%): 90

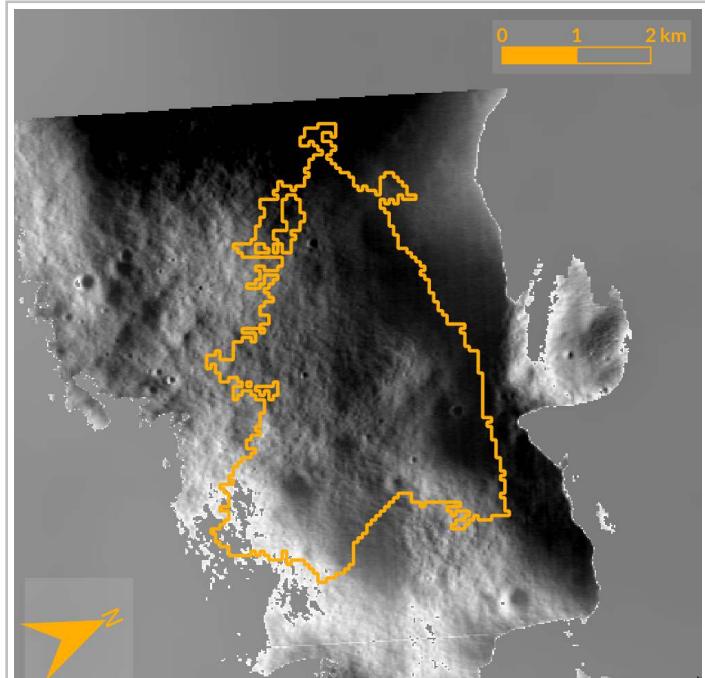
Features of Interest:

Notes:

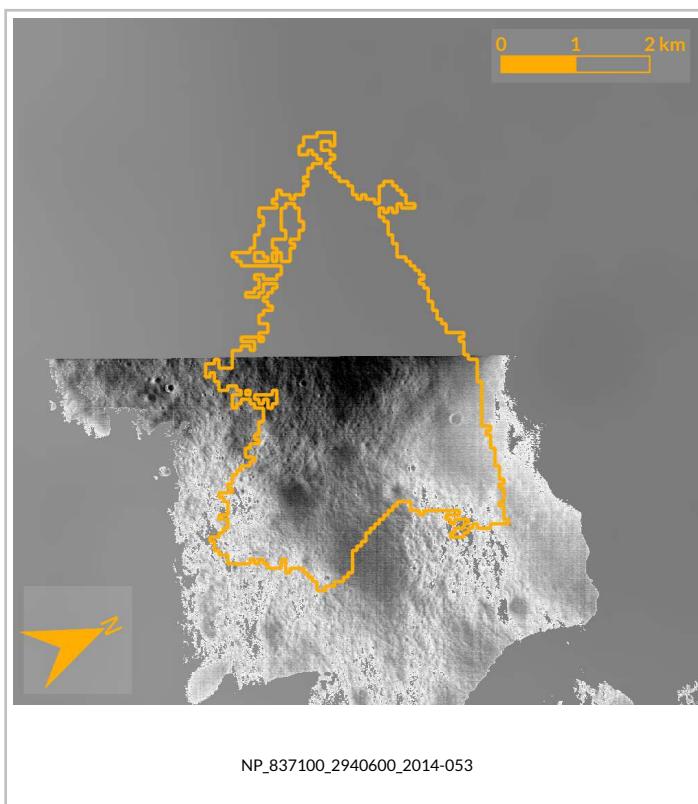
Image Lists: lroc.sese.asu.edu/psr/NP_837100_2940600



NP_837100_2940600_WAC_Color_Shade_context



NP_837100_2940600_2013-064

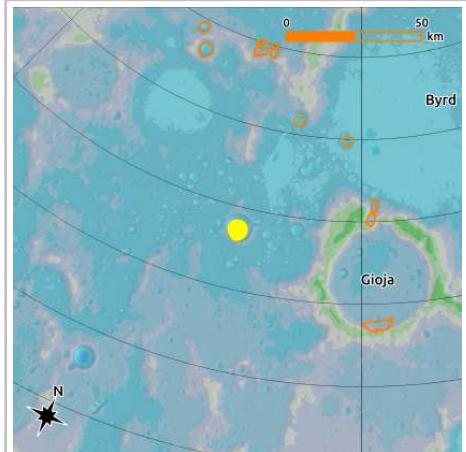


NP_837100_2940600_2014-053

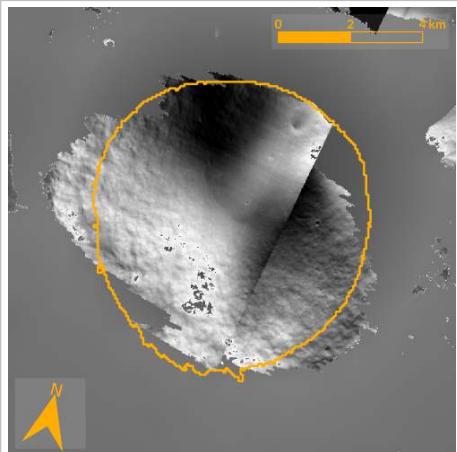
NP_837190_3460760

Lunar Features: Gioja Crater,
Centroid Latitude: 83.719
Centroid Longitude: 346.076
Area (km²): 48.95
Perimeter (km): 35.4
Pixel Scale Range (m): 2-20
Coverage (%): 100

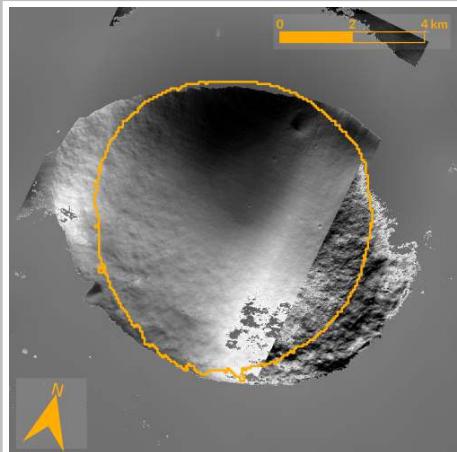
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_837190_3460760



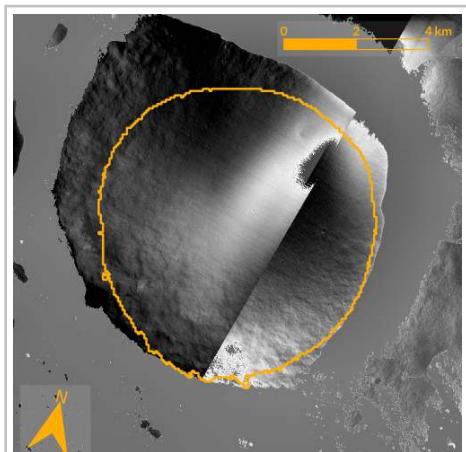
NP_837190_3460760_WAC_Color_Shade_context



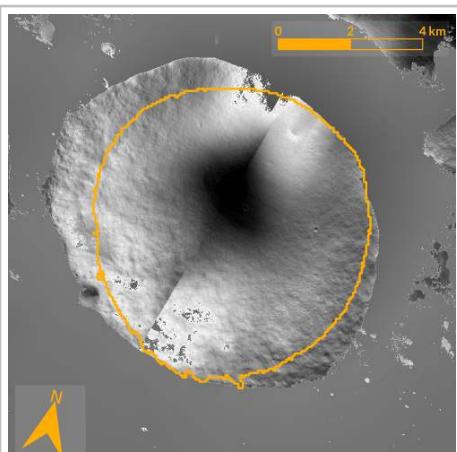
NP_837190_3460760_2013-059



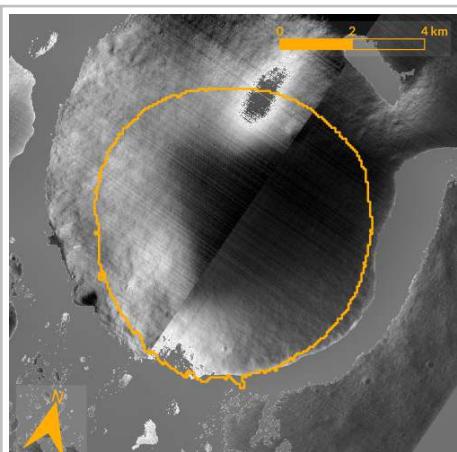
NP_837190_3460760_2013-086



NP_837190_3460760_2014-022



NP_837190_3460760_2014-049



NP_837190_3460760_2014-349

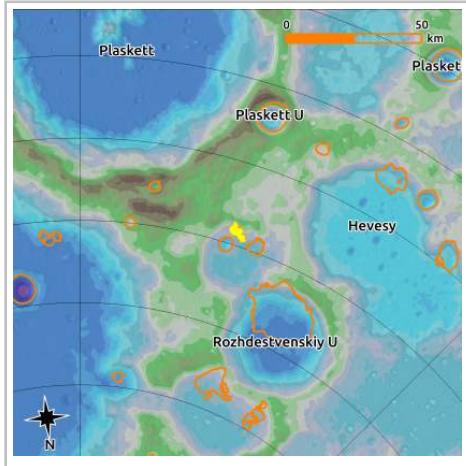
NP_838400_1618290

Lunar Features: Plaskett U Crater,, Rozhdestvenskiy U Crater
Centroid Latitude: 83.84
Centroid Longitude: 161.829
Area (km²): 24.30
Perimeter (km): 51.48
Pixel Scale Range (m): 5-20
Coverage (%): 100

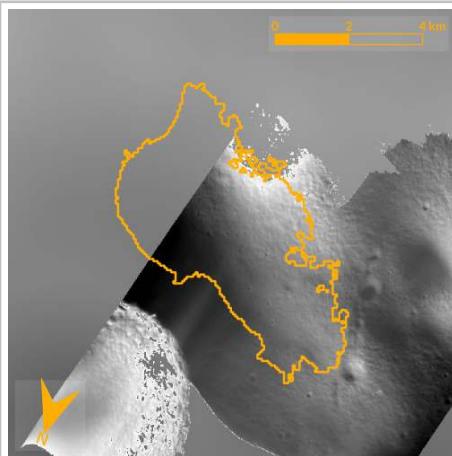
Features of Interest:

Notes:

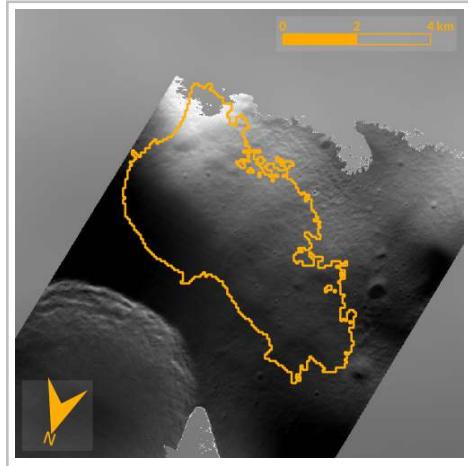
Image Lists: lroc.sese.asu.edu/psr/NP_838400_1618290



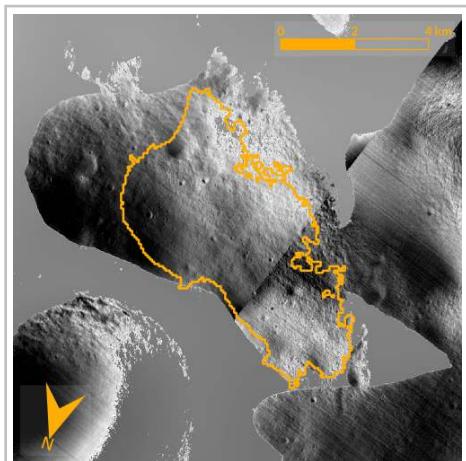
NP_838400_1618290_WAC_Color_Shade_context



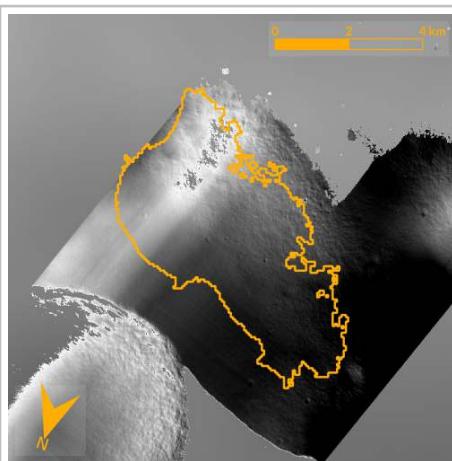
NP_838400_1618290_2013-046



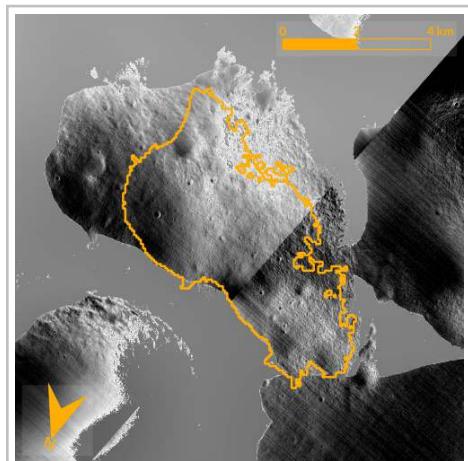
NP_838400_1618290_2013-100



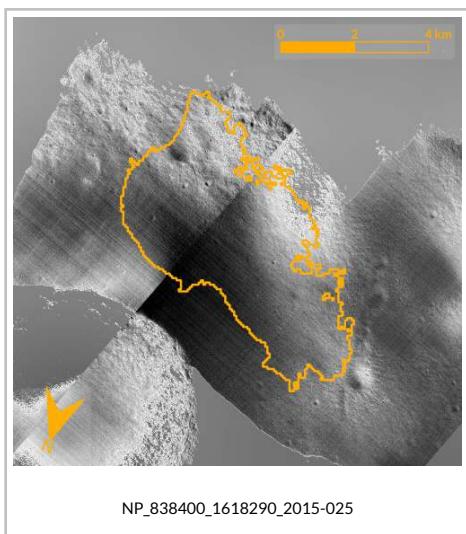
NP_838400_1618290_2014-008



NP_838400_1618290_2014-036



NP_838400_1618290_2014-363

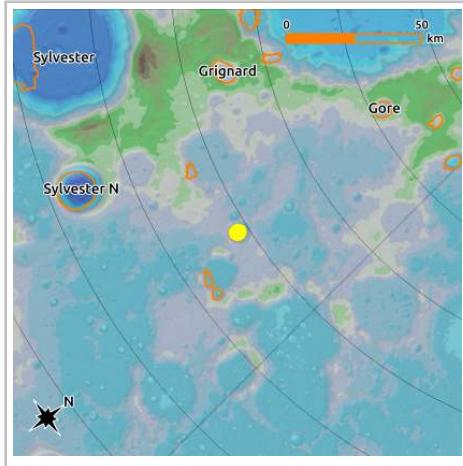


NP_838400_1618290_2015-025

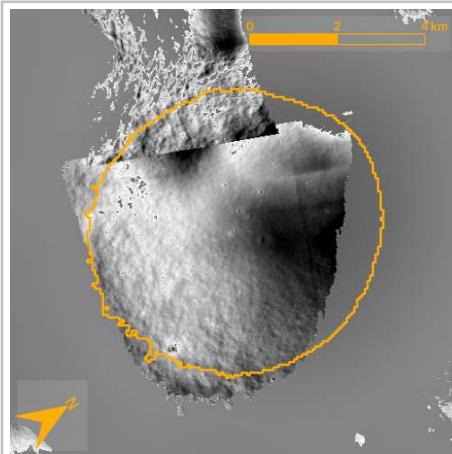
NP_838640_3025320

Lunar Features: Sylvester N Crater, Florey Crater
Centroid Latitude: 83.864
Centroid Longitude: 302.532
Area (km²): 34.22
Perimeter (km): 30.6
Pixel Scale Range (m): 2-20
Coverage (%): 100

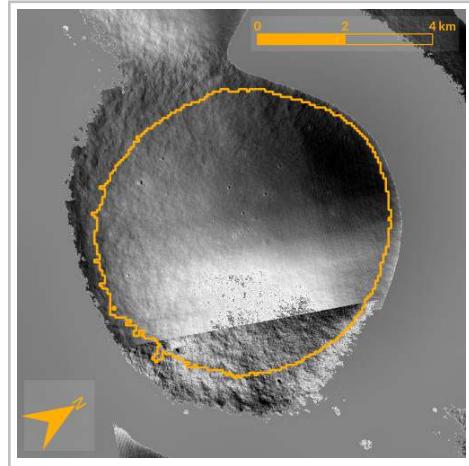
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_838640_3025320



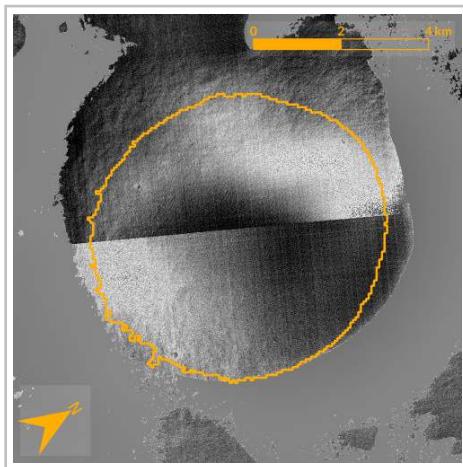
NP_838640_3025320_WAC_Color_Shade_context



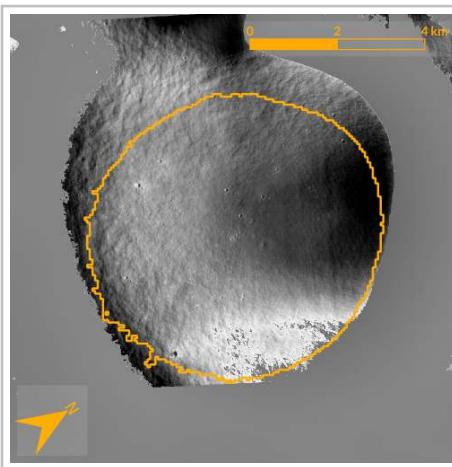
NP_838640_3025320_2013-063



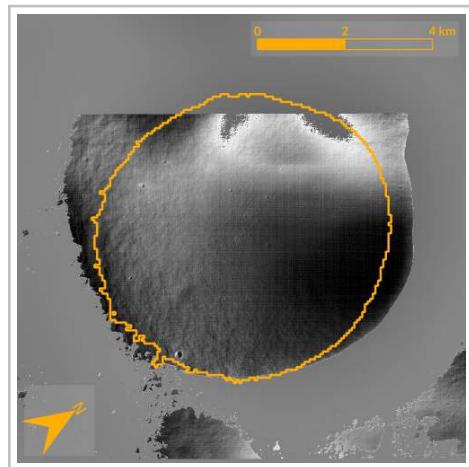
NP_838640_3025320_2013-090



NP_838640_3025320_2014-026



NP_838640_3025320_2014-053



NP_838640_3025320_2015-015

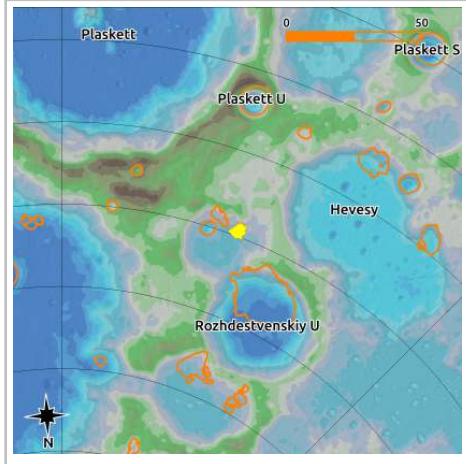
NP_839350_1592620

Lunar Features: Plaskett U Crater,, Rozhdestvenskiy U Crater
Centroid Latitude: 83.935
Centroid Longitude: 159.262
Area (km²): 25.09
Perimeter (km): 47.16
Pixel Scale Range (m): 5-20
Coverage (%): 100

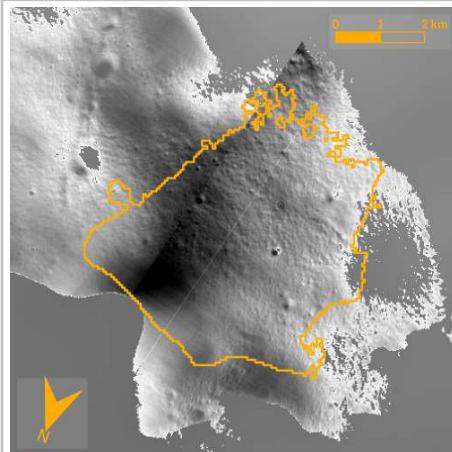
Features of Interest:

Notes:

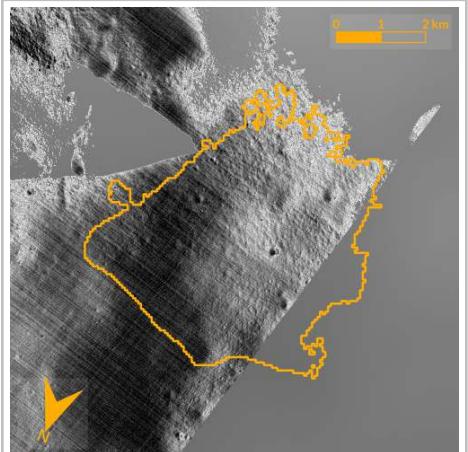
Image Lists: lroc.sese.asu.edu/psr/NP_839350_1592620



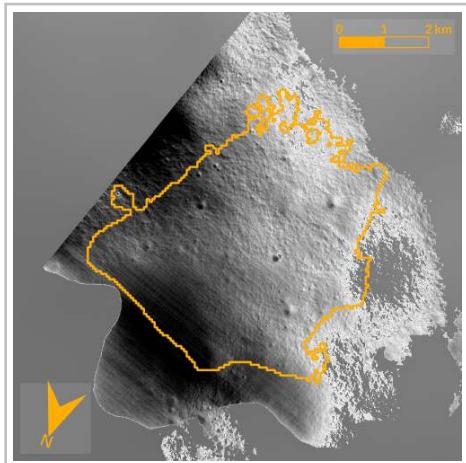
NP_839350_1592620_WAC_Color_Shade_context



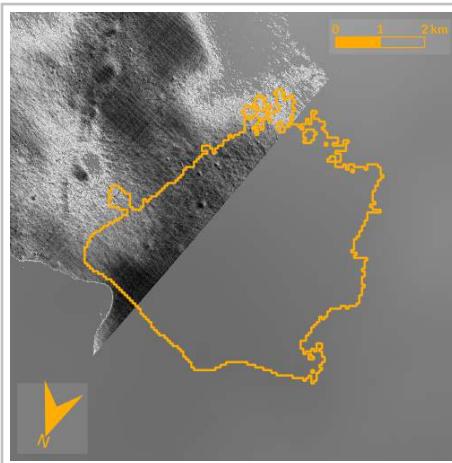
NP_839350_1592620_2013-046



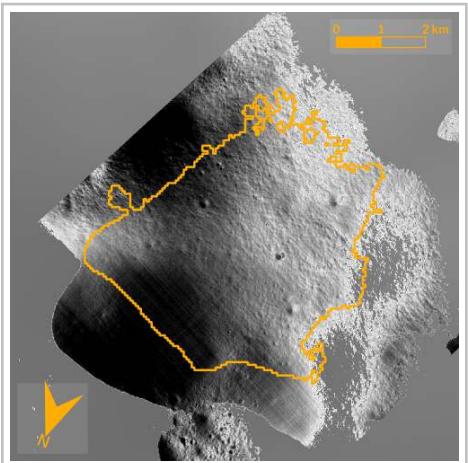
NP_839350_1592620_2014-008



NP_839350_1592620_2014-036



NP_839350_1592620_2015-025

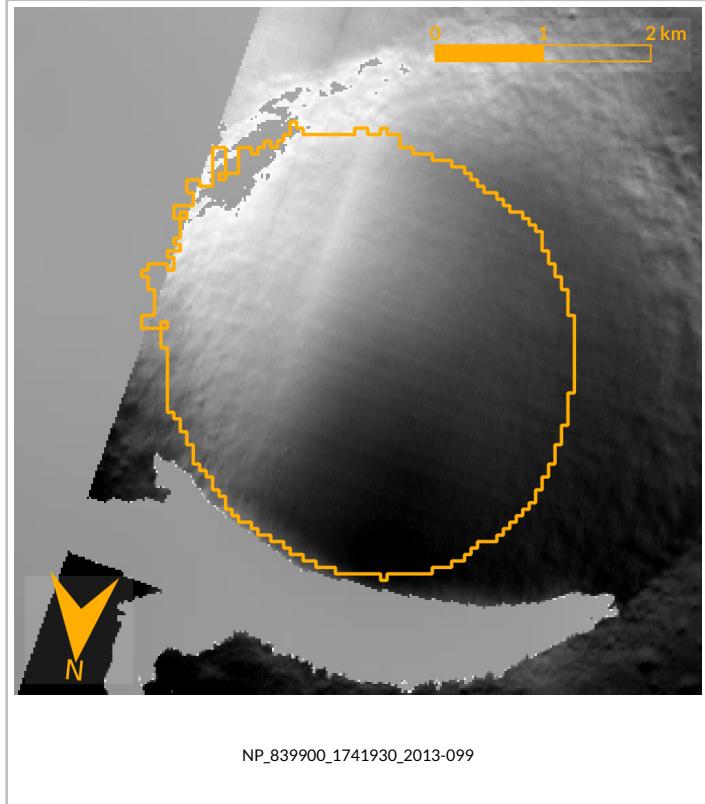
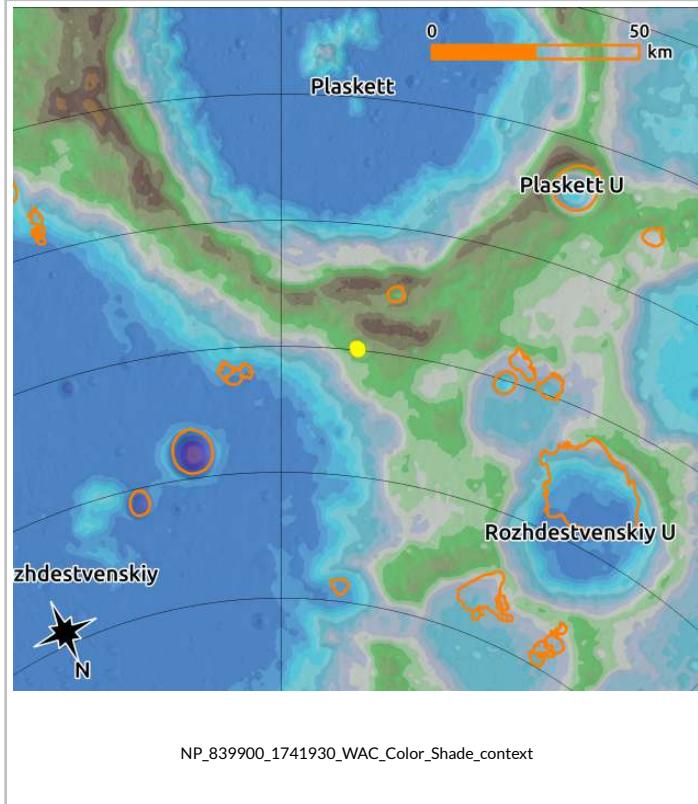


NP_839350_1592620_2015-026

NP_839900_1741930

Lunar Features: Plaskett Crater, Rozhdestvenskiy Crater
Centroid Latitude: 83.99
Centroid Longitude: 174.193
Area (km²): 12.60
Perimeter (km): 19.2
Pixel Scale Range (m): 5-20
Coverage (%): 10

Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_839900_1741930



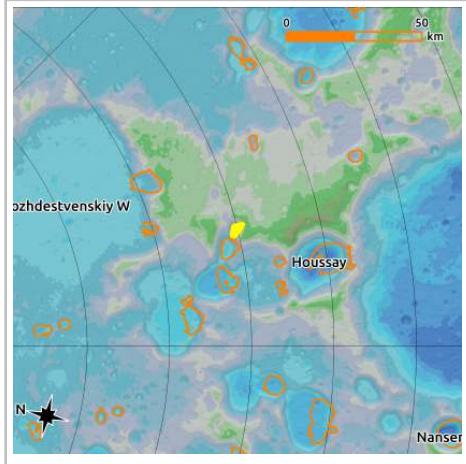
NP_840120_1036770

Lunar Features: Houssay Crater, Rozhdestvenskiy W Crater
Centroid Latitude: 84.012
Centroid Longitude: 103.677
Area (km²): 24.20
Perimeter (km): 29.52
Pixel Scale Range (m): 8-14
Coverage (%): 100

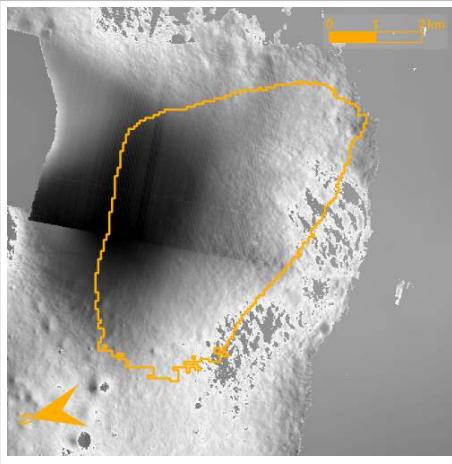
Features of Interest:

Notes:

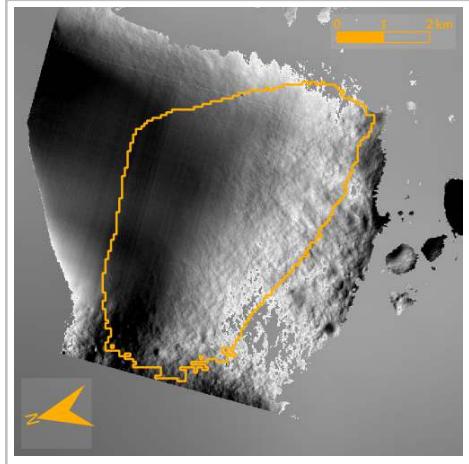
Image Lists: lroc.sese.asu.edu/psr/NP_840120_1036770



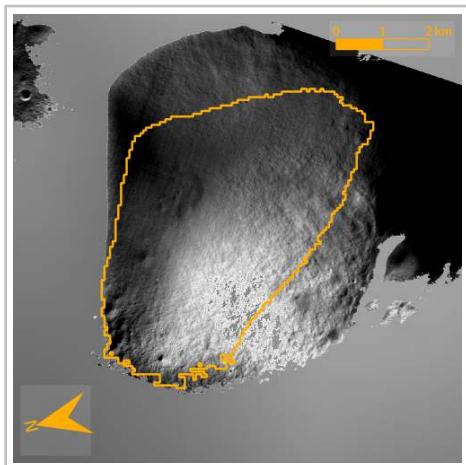
NP_840120_1036770_WAC_Color_Shade_context



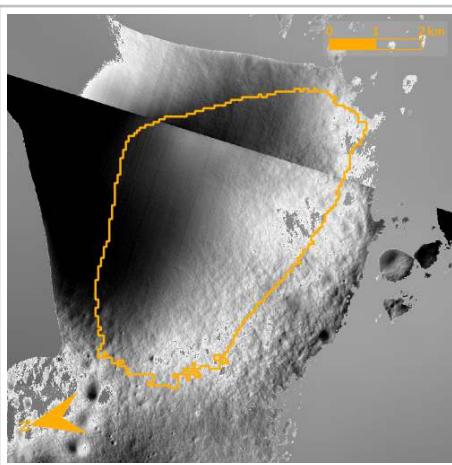
NP_840120_1036770_2013-078



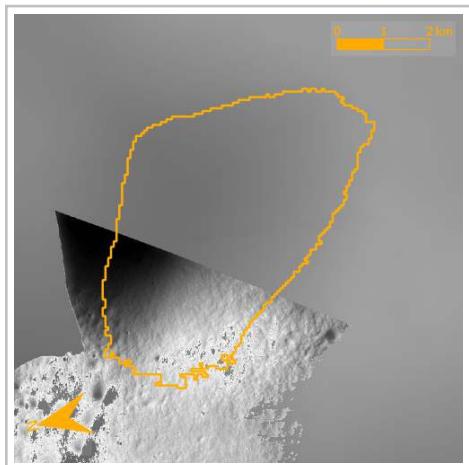
NP_840120_1036770_2014-041



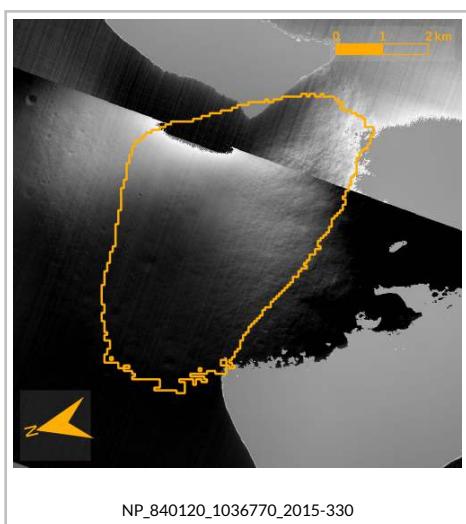
NP_840120_1036770_2015-003



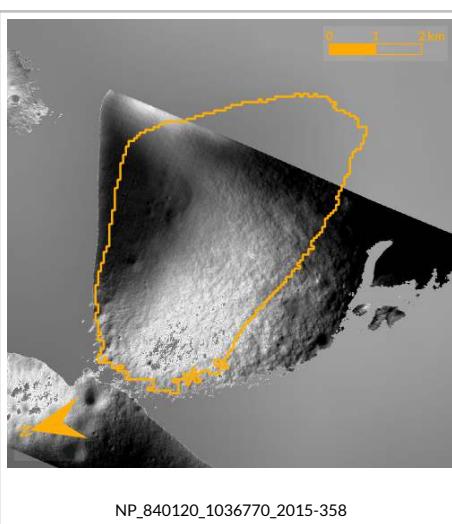
NP_840120_1036770_2015-030



NP_840120_1036770_2015-031



NP_840120_1036770_2015-330



NP_840120_1036770_2015-358

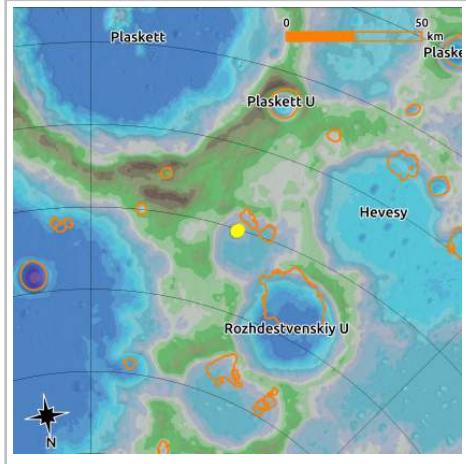
NP_840170_1626650

Lunar Features: Plaskett U Crater,, Rozhdestvenskiy U Crater
Centroid Latitude: 84.017
Centroid Longitude: 162.665
Area (km²): 21.83
Perimeter (km): 24.36
Pixel Scale Range (m): 5-20
Coverage (%): 100

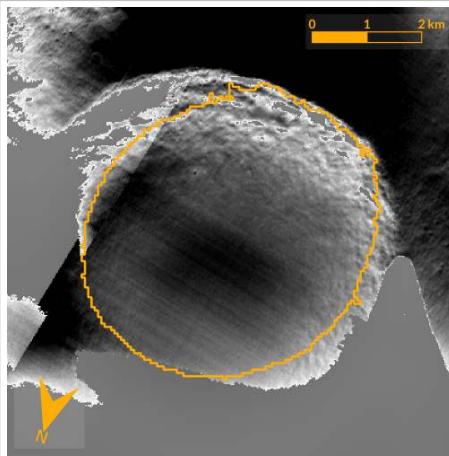
Features of Interest:

Notes:

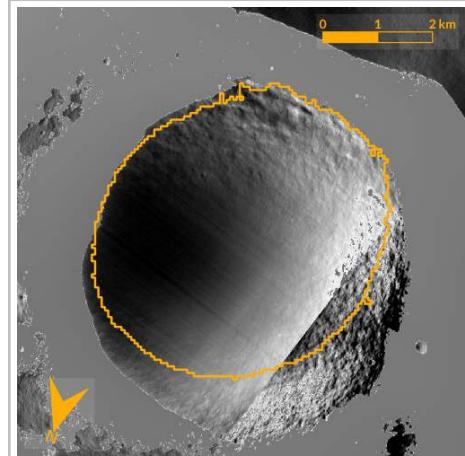
Image Lists: lroc.sese.asu.edu/psr/NP_840170_1626650



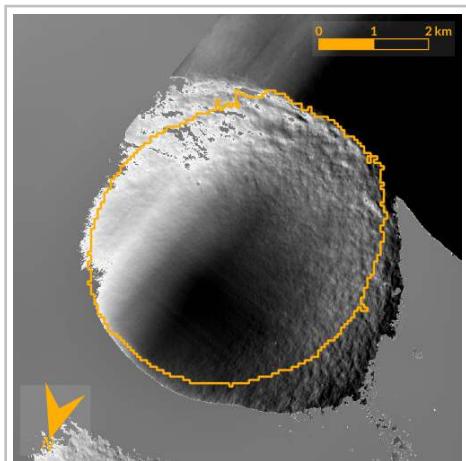
NP_840170_1626650_WAC_Color_Shade_context



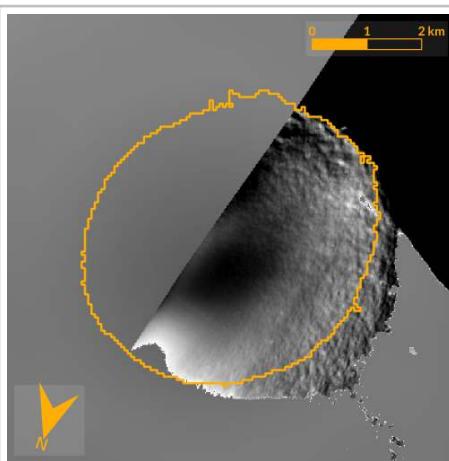
NP_840170_1626650_2013-100



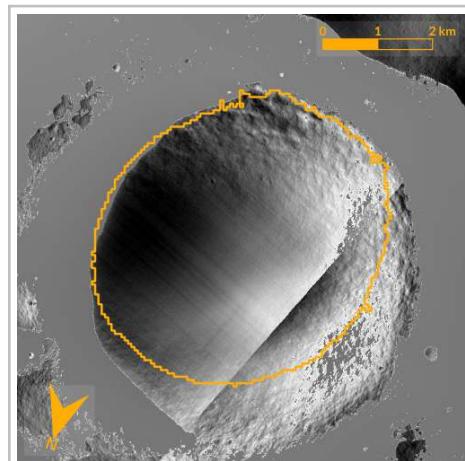
NP_840170_1626650_2014-008



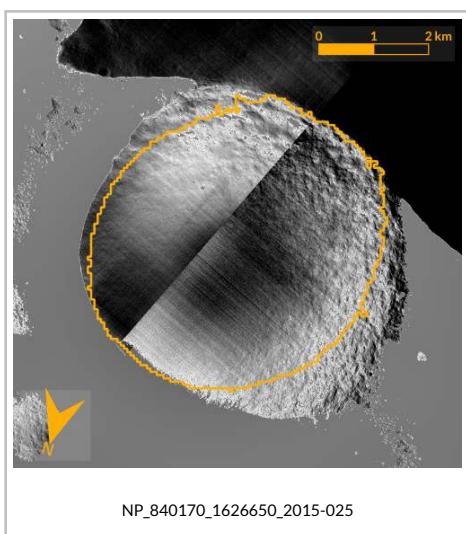
NP_840170_1626650_2014-036



NP_840170_1626650_2014-046



NP_840170_1626650_2014-363

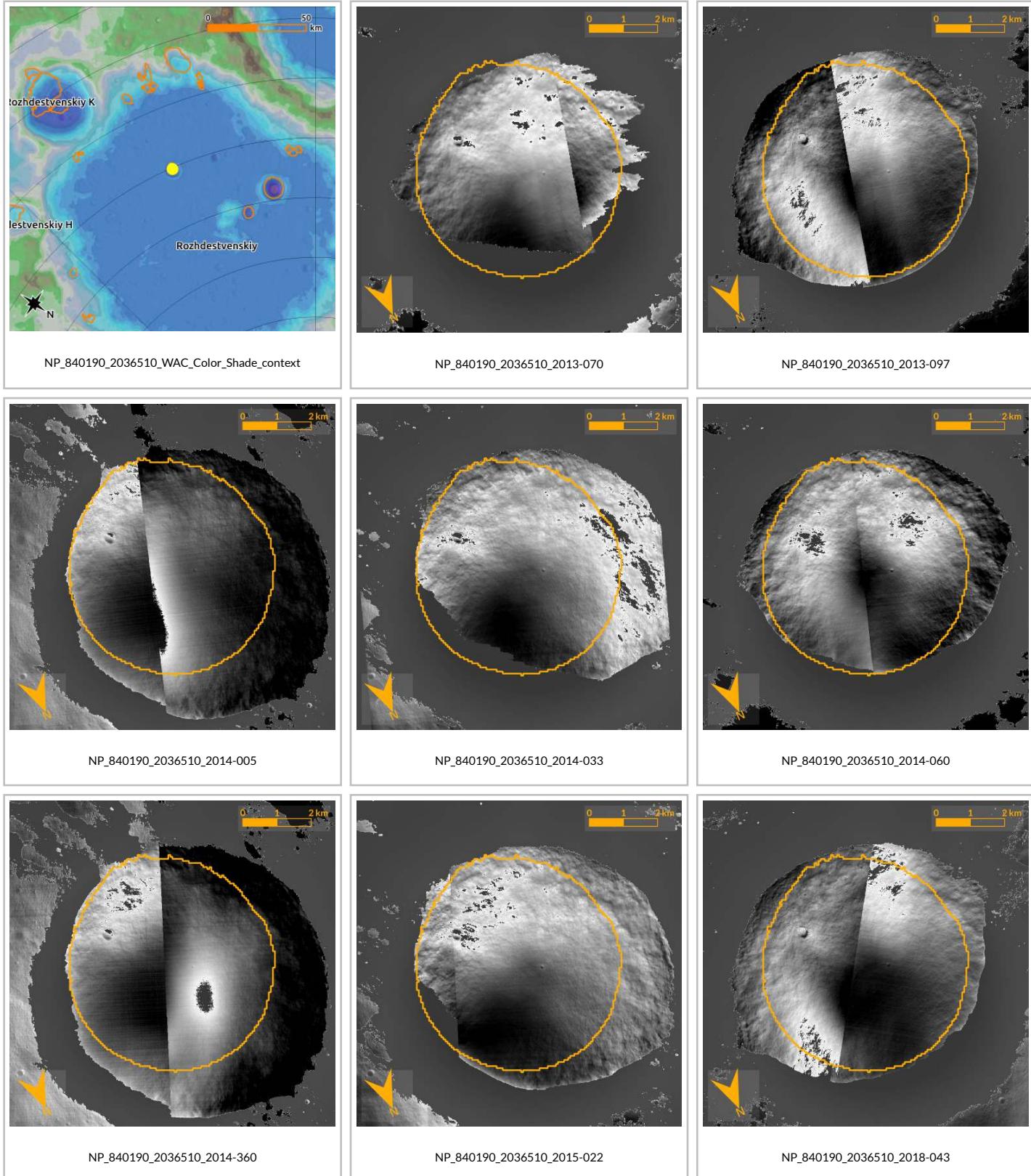


NP_840170_1626650_2015-025

NP_840190_2036510

Lunar Features: Rozhdestvenskiy Crater
Centroid Latitude: 84.019
Centroid Longitude: 203.651
Area (km²): 29.38
Perimeter (km): 25.92
Pixel Scale Range (m): 6-20
Coverage (%): 100

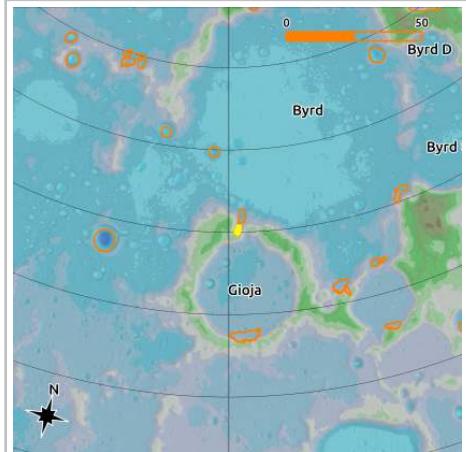
Features of Interest: 2013-097 (M1119996962L): 204.04, 83.969 (S1523 L1479) - fresh crater with bright ejecta
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_840190_2036510



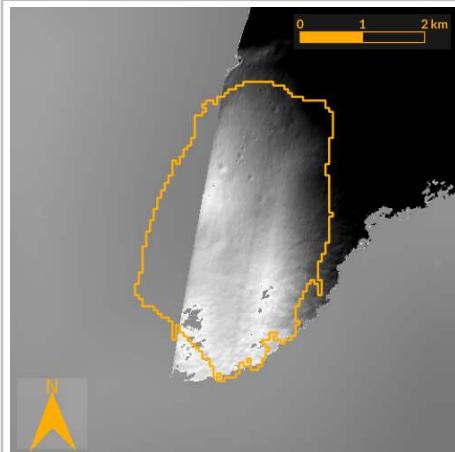
NP_840250_0010750

Lunar Features: Byrd Crater
Centroid Latitude: 84.025
Centroid Longitude: 1.075
Area (km²): 10.43
Perimeter (km): 19.2
Pixel Scale Range (m): 2-14
Coverage (%): 100

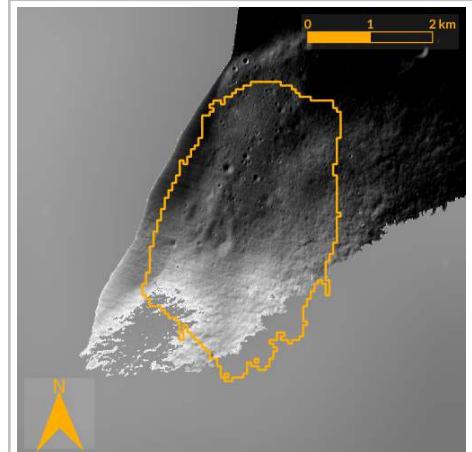
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_840250_0010750



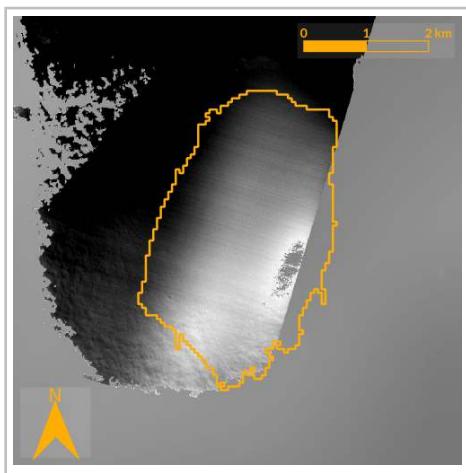
NP_840250_0010750_WAC_Color_Shade_context



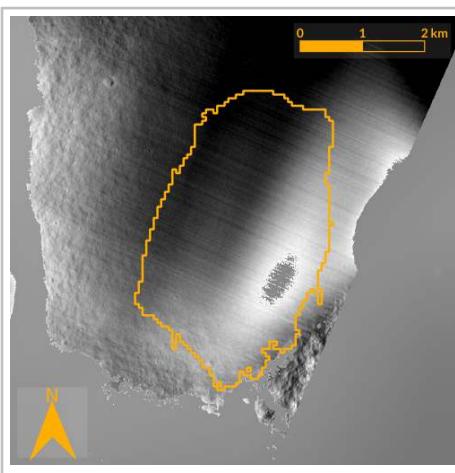
NP_840250_0010750_2013-085



NP_840250_0010750_2013-113



NP_840250_0010750_2014-048



NP_840250_0010750_2015-365

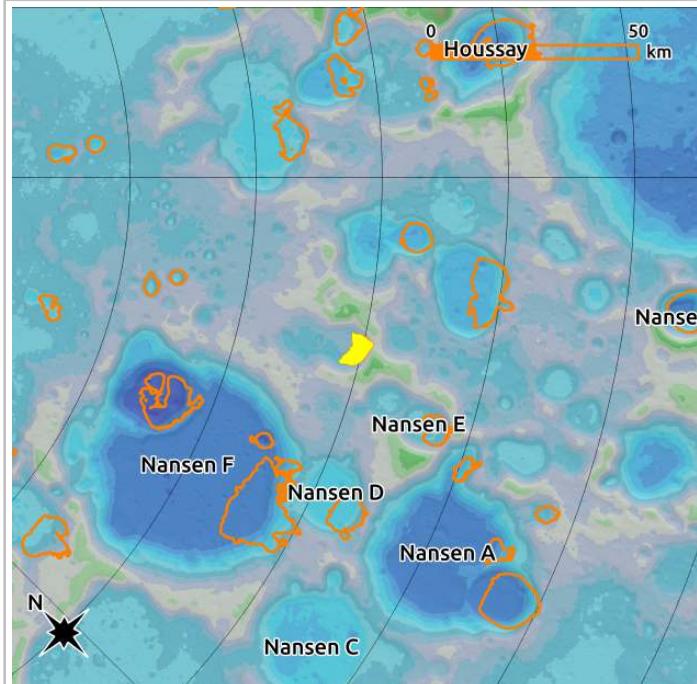
NP_840360_0766570

Lunar Features: Nansen Crater, , Nansen F Crater
Centroid Latitude: 84.036
Centroid Longitude: 76.657
Area (km²): 35.74
Perimeter (km): 39.84
Pixel Scale Range (m): 5-20
Coverage (%): 80

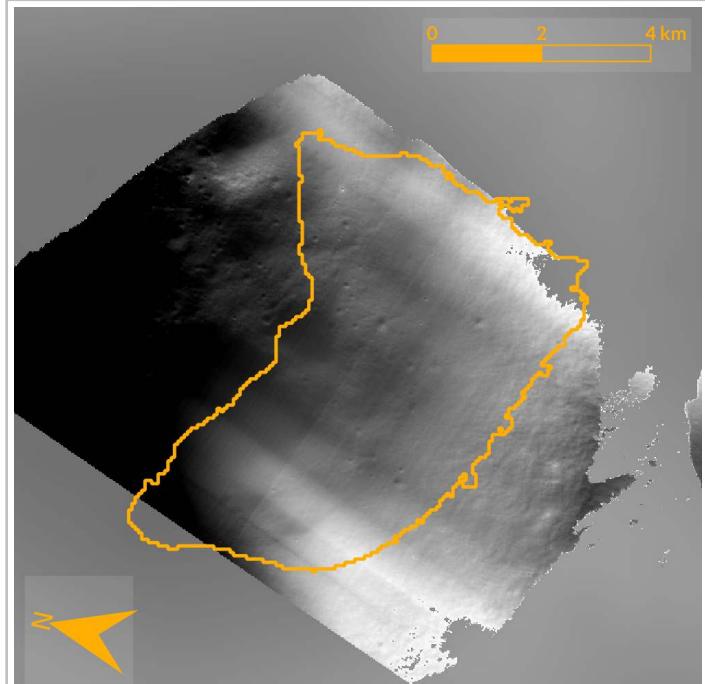
Features of Interest:

Notes:

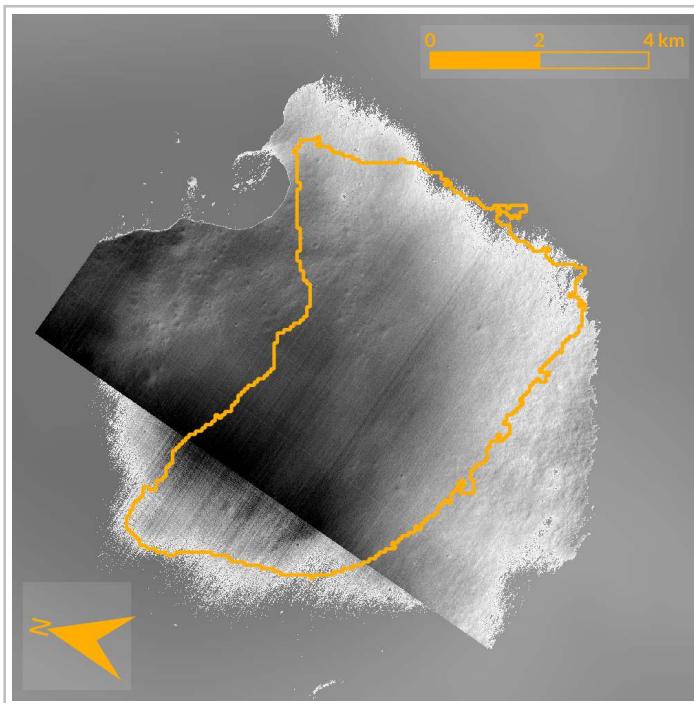
Image Lists: lroc.sese.asu.edu/psr/NP_840360_0766570



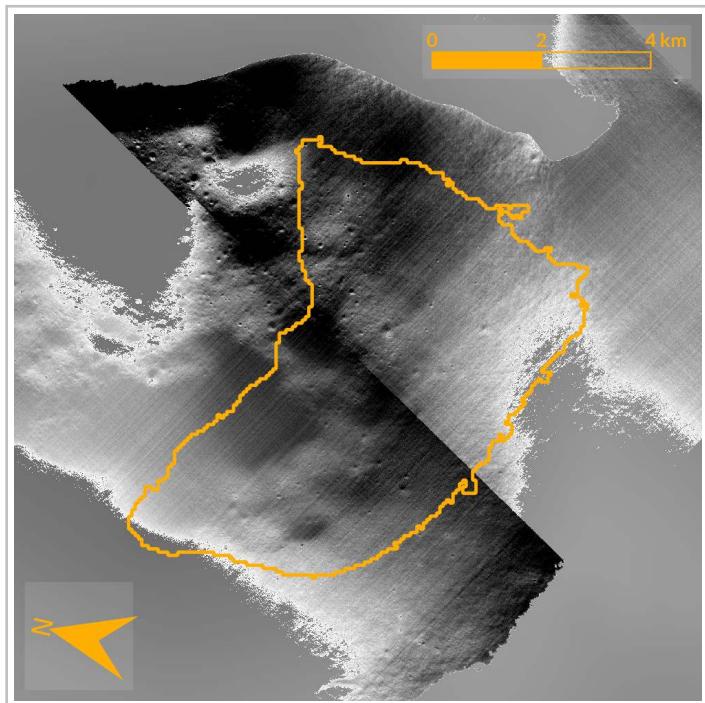
NP_840360_0766570_WAC_Color_Shade_context



NP_840360_0766570_2013-053



NP_840360_0766570_2013-080

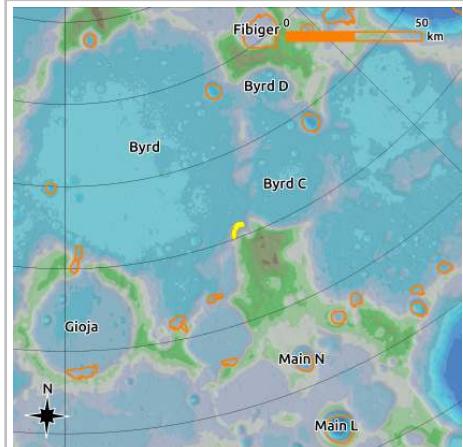


NP_840360_0766570_2015-359

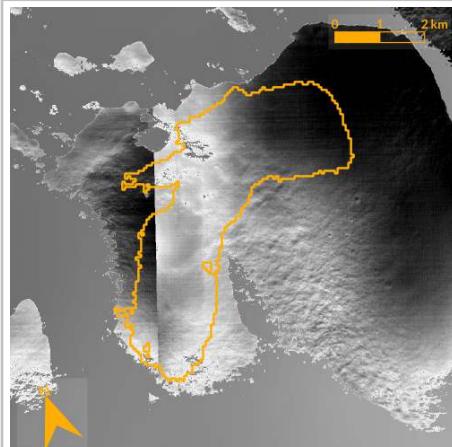
NP_841040_0207250

Lunar Features: Byrd Crater
Centroid Latitude: 84.104
Centroid Longitude: 20.725
Area (km²): 14.72
Perimeter (km): 34.08
Pixel Scale Range (m): 2-20
Coverage (%): 100

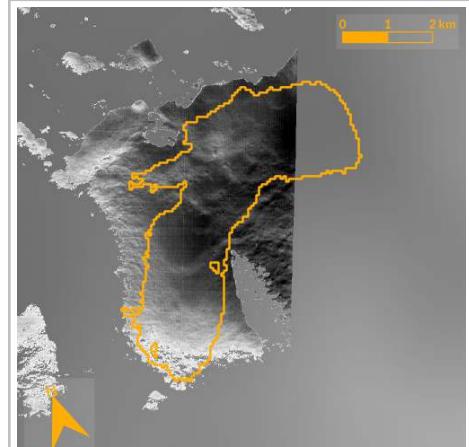
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_841040_0207250



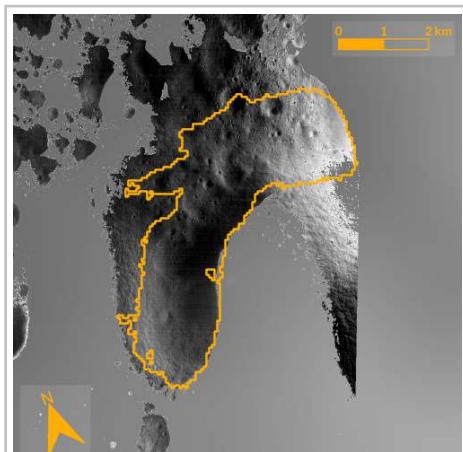
NP_841040_0207250_WAC_Color_Shade_context



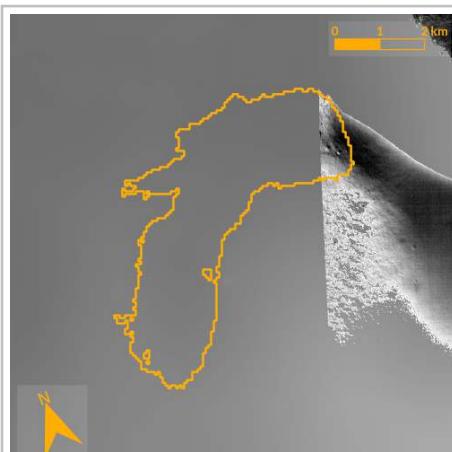
NP_841040_0207250_2014-046



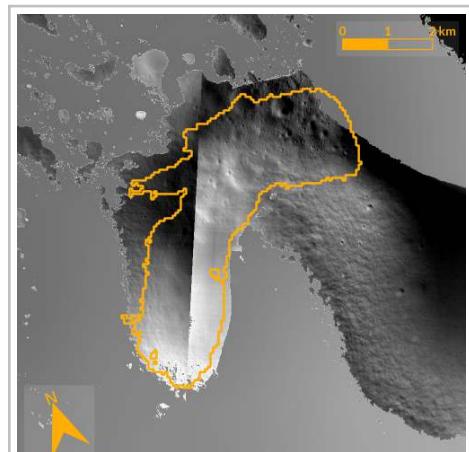
NP_841040_0207250_2014-047



NP_841040_0207250_2014-346



NP_841040_0207250_2015-008



NP_841040_0207250_2015-009

NP_841540_1016660

Lunar Features: Houssay Crater, Rozhdestvenskiy W Satellite Feature,

Nansen Crater

Centroid Latitude: 84.154

Centroid Longitude: 101.666

Area (km²): 35.00

Perimeter (km): 39.0

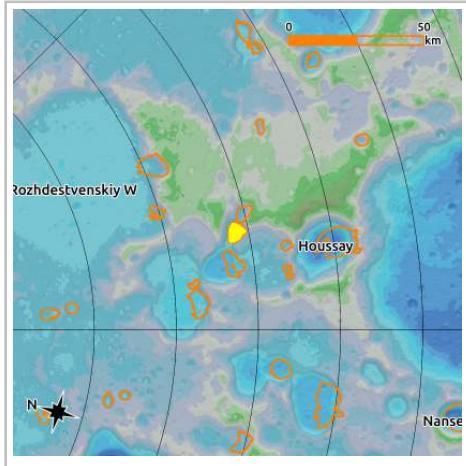
Pixel Scale Range (m): 5-20

Coverage (%): 100

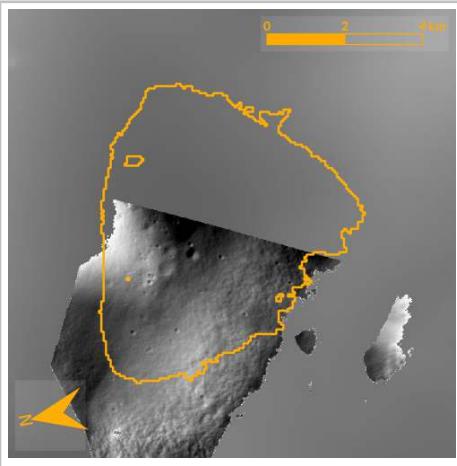
Features of Interest:

Notes:

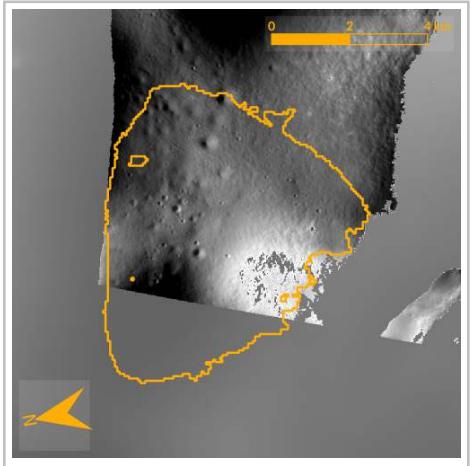
Image Lists: lroc.sese.asu.edu/psr/NP_841540_1016660



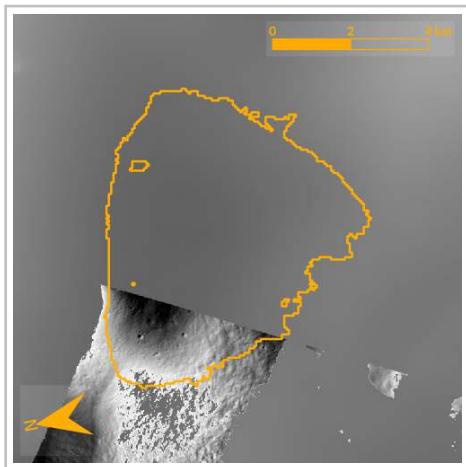
NP_841540_1016660_WAC_Color_Shade_context



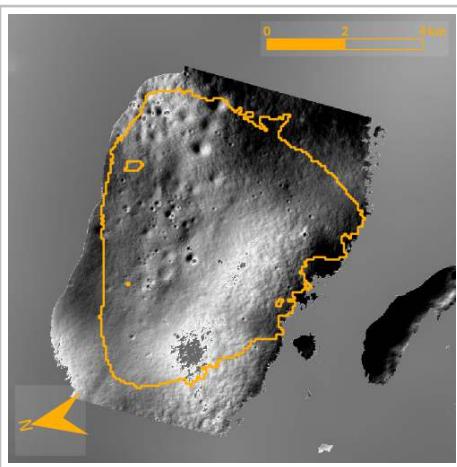
NP_841540_1016660_2013-051



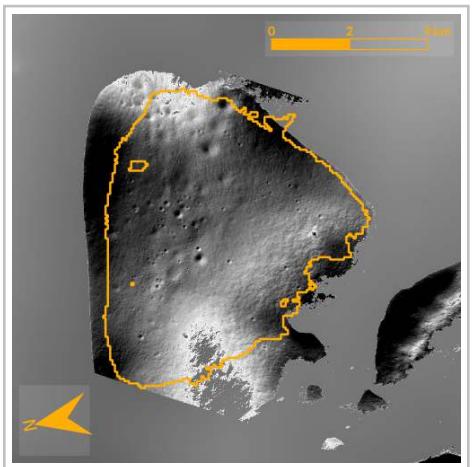
NP_841540_1016660_2013-078



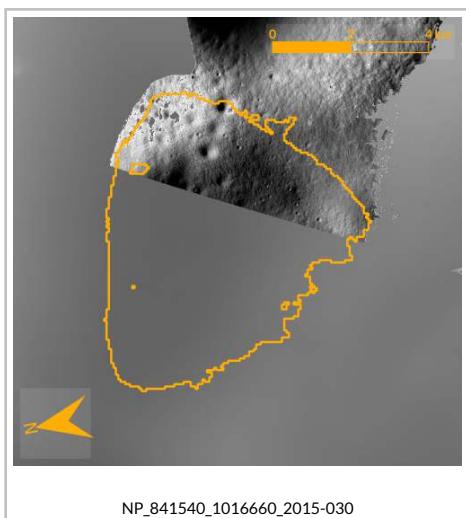
NP_841540_1016660_2013-079



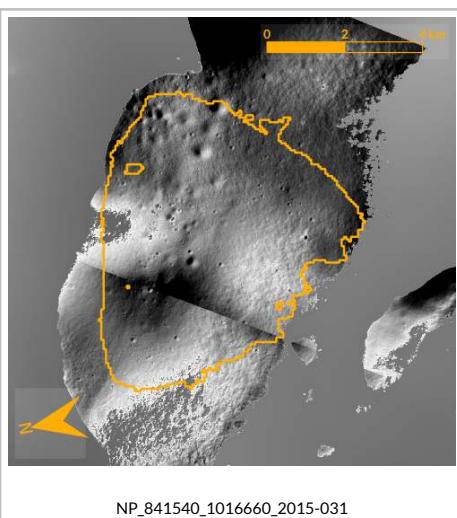
NP_841540_1016660_2014-041



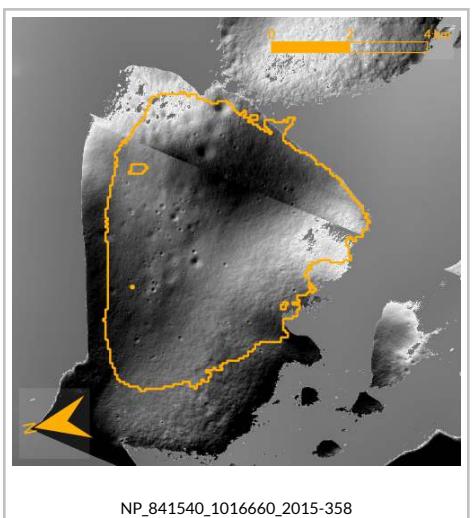
NP_841540_1016660_2015-003



NP_841540_1016660_2015-030



NP_841540_1016660_2015-031

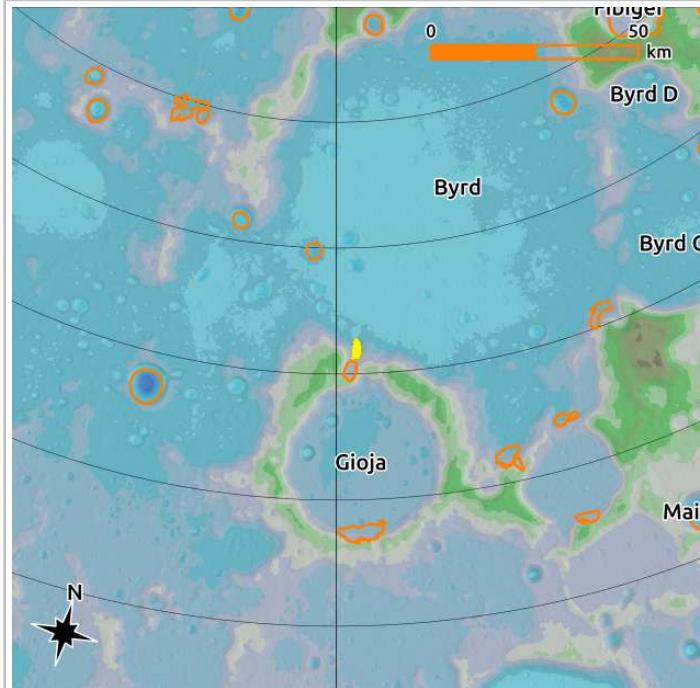


NP_841540_1016660_2015-358

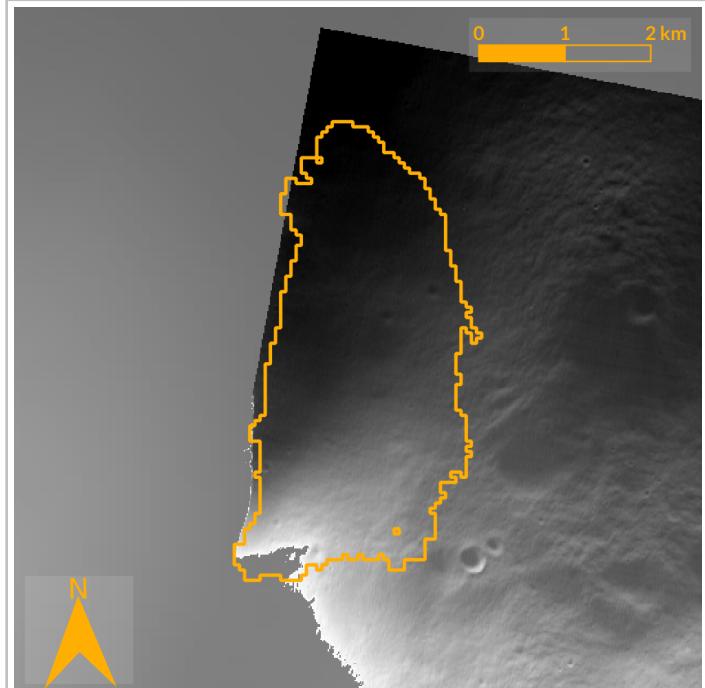
NP_841900_0015660

Lunar Features: Byrd Crater
Centroid Latitude: 84.19
Centroid Longitude: 1.566
Area (km²): 10.13
Perimeter (km): 20.52
Pixel Scale Range (m): 2-20
Coverage (%): 99

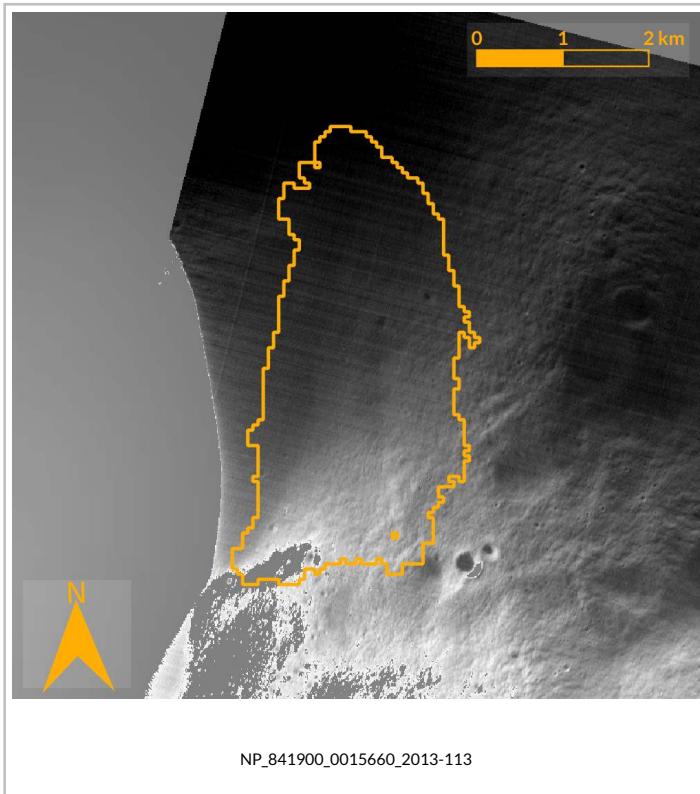
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_841900_0015660



NP_841900_0015660_WAC_Color_Shade_context



NP_841900_0015660_2013-085

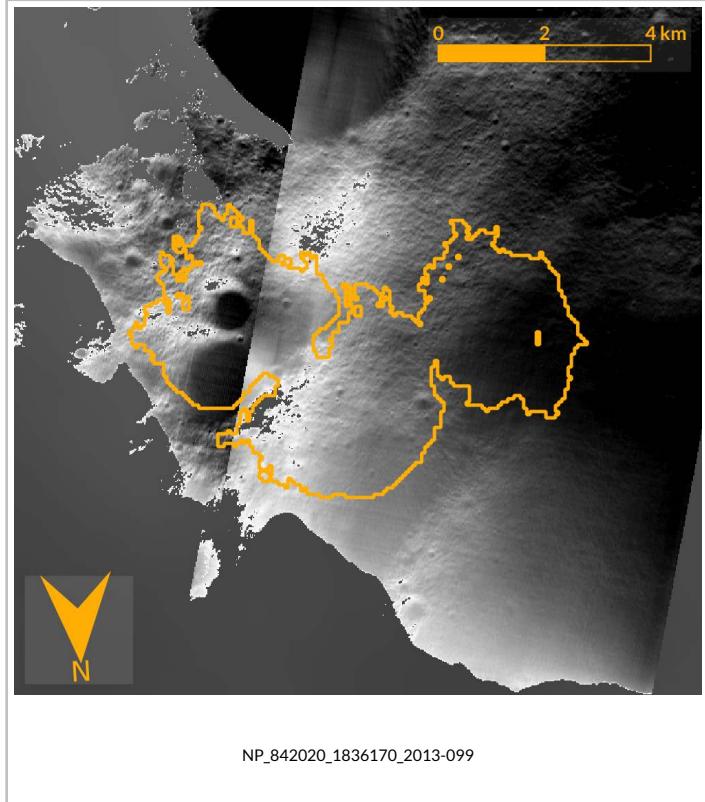
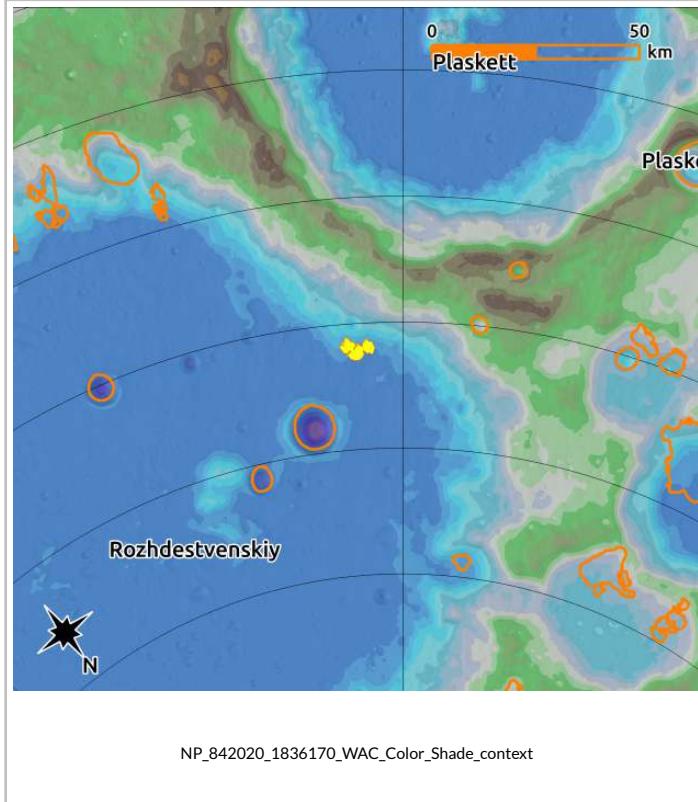


NP_841900_0015660_2013-113

NP_842020_1836170

Lunar Features: Rozhdestvenskiy Crater
Centroid Latitude: 84.202
Centroid Longitude: 183.617
Area (km²): 25.71
Perimeter (km): 64.2
Pixel Scale Range (m): 20-20
Coverage (%): 100

Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_842020_1836170



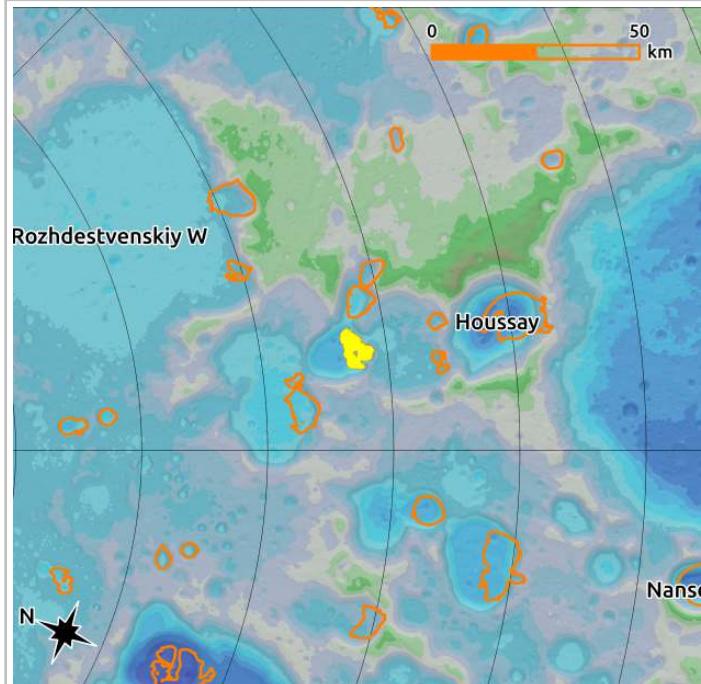
NP_842490_0979860

Lunar Features: Houssay Crater, Rozhdestvenskiy W Crater
Centroid Latitude: 84.249
Centroid Longitude: 97.986
Area (km²): 48.20
Perimeter (km): 65.52
Pixel Scale Range (m): 5-20
Coverage (%): 100

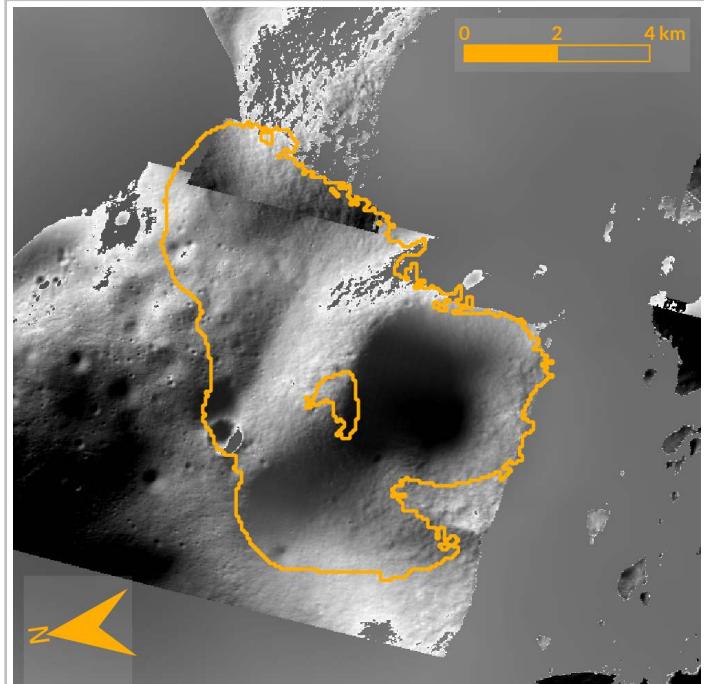
Features of Interest:

Notes:

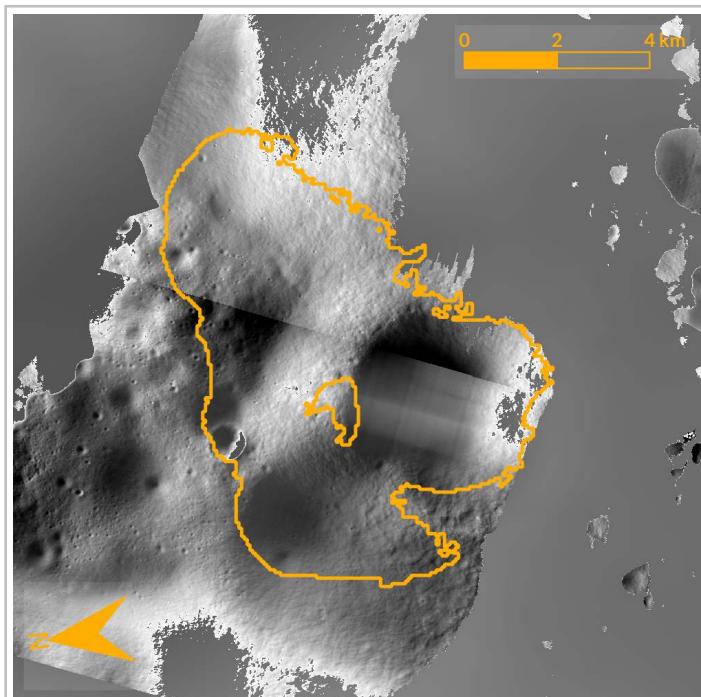
Image Lists: lroc.sese.asu.edu/psr/NP_842490_0979860



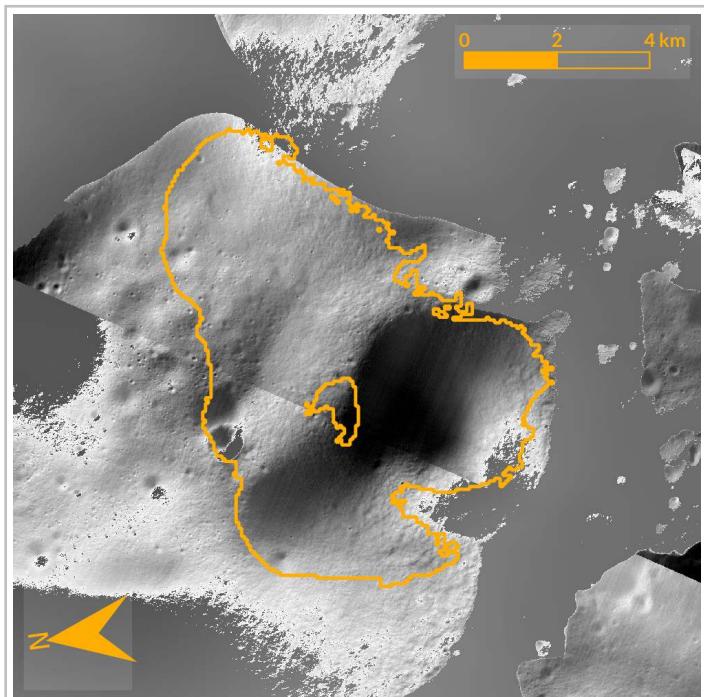
NP_842490_0979860_WAC_Color_Shade_context



NP_842490_0979860_2013-051



NP_842490_0979860_2013-079

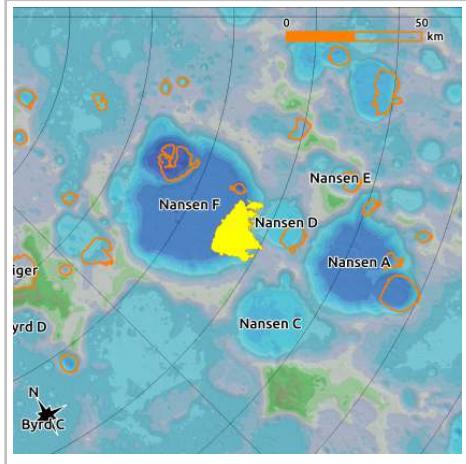


NP_842490_0979860_2015-031

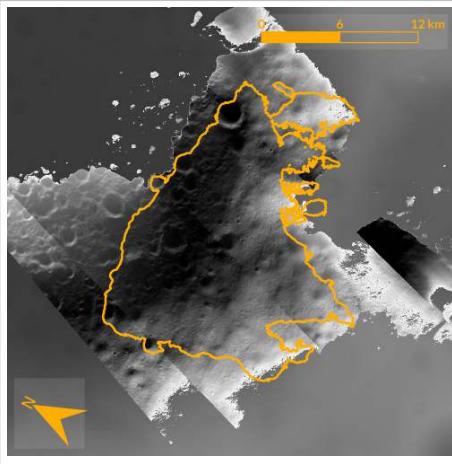
NP_843190_0624730

Lunar Features: Nansen F Crater
Centroid Latitude: 84.319
Centroid Longitude: 62.473
Area (km²): 253.03
Perimeter (km): 238.8
Pixel Scale Range (m): 2-20
Coverage (%): 100

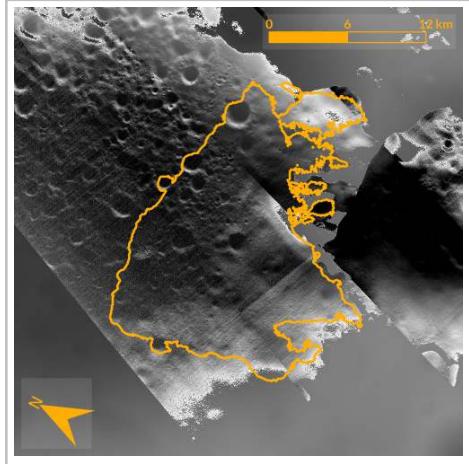
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_843190_0624730



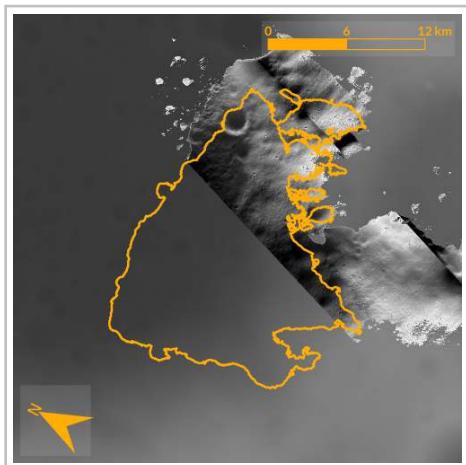
NP_843190_0624730_WAC_Color_Shade_context



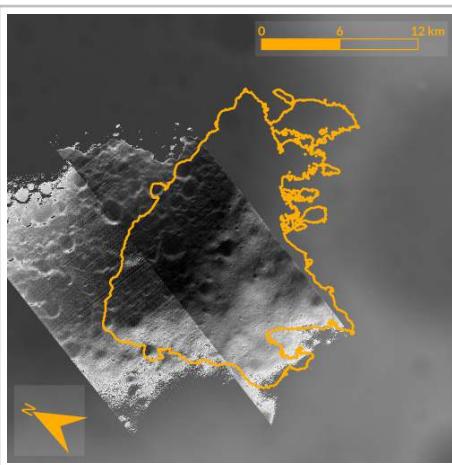
NP_843190_0624730_2013-054



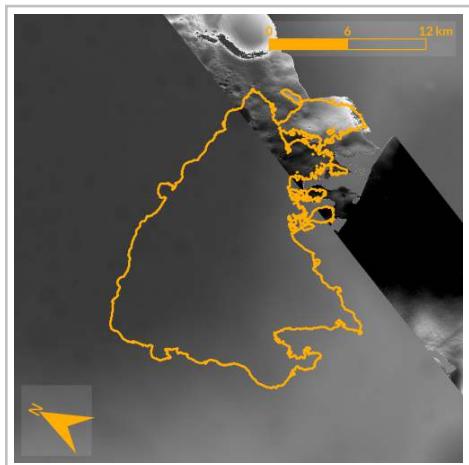
NP_843190_0624730_2014-016



NP_843190_0624730_2014-043



NP_843190_0624730_2014-044

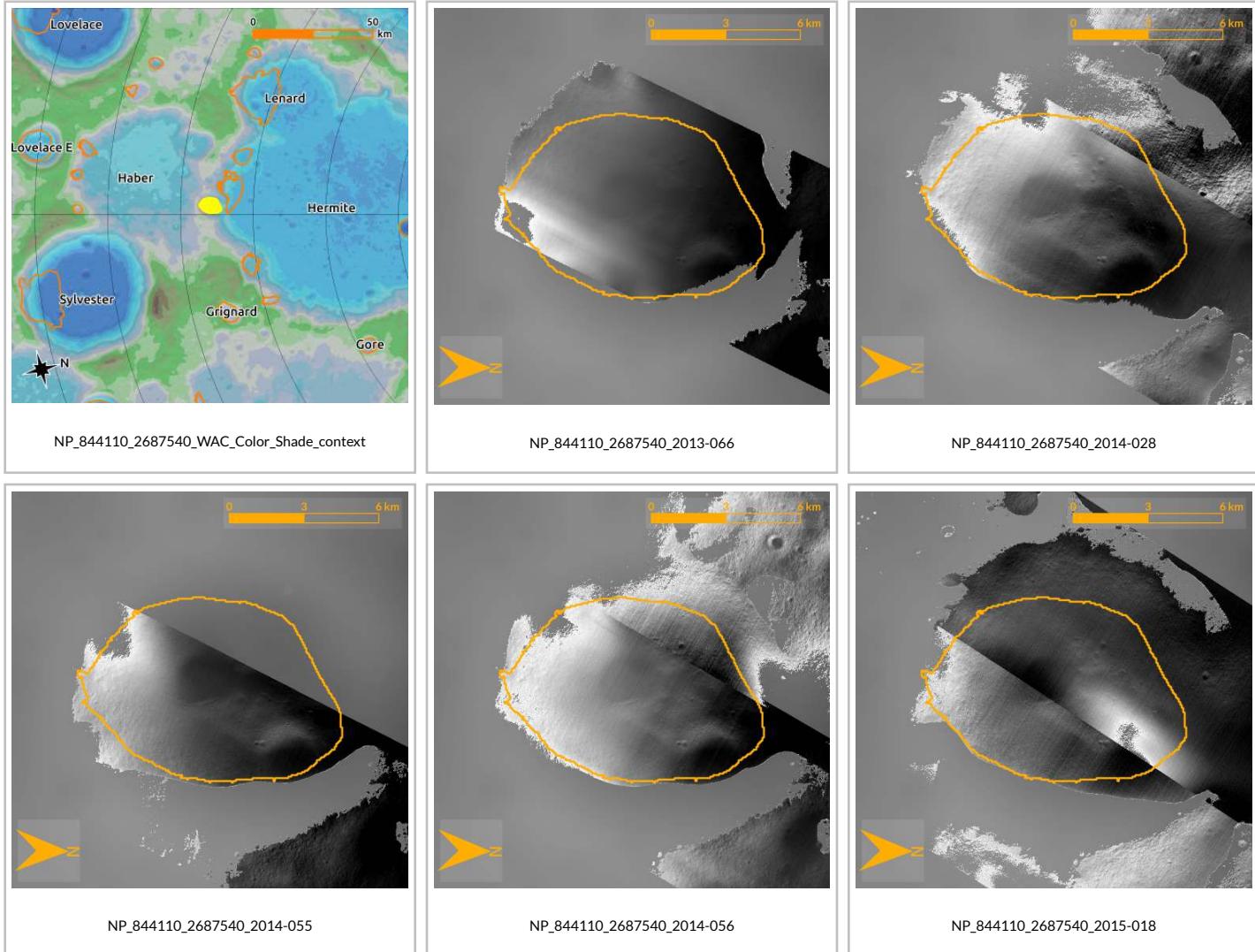


NP_843190_0624730_2015-360

NP_844110_2687540

Lunar Features: Hermite Crater, Haber Crater
Centroid Latitude: 84.411
Centroid Longitude: 268.754
Area (km²): 57.59
Perimeter (km): 38.64
Pixel Scale Range (m): 5-20
Coverage (%): 95

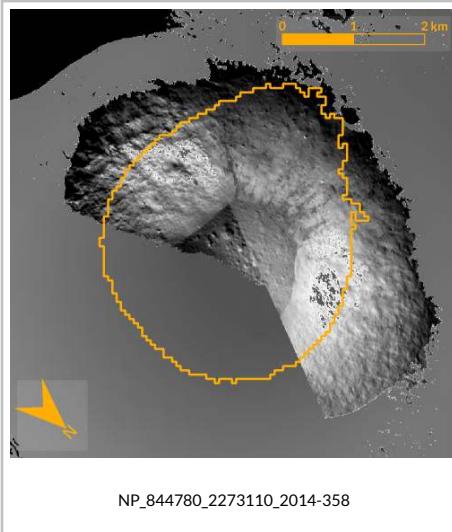
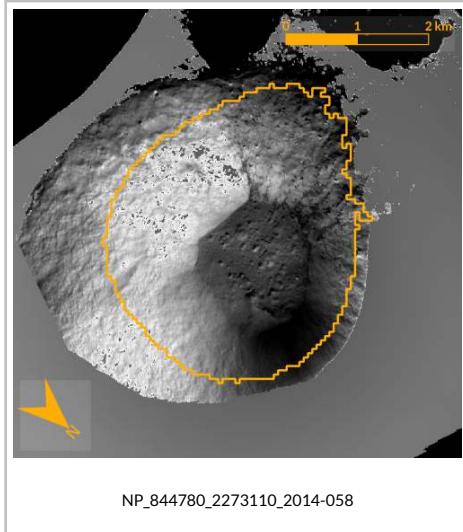
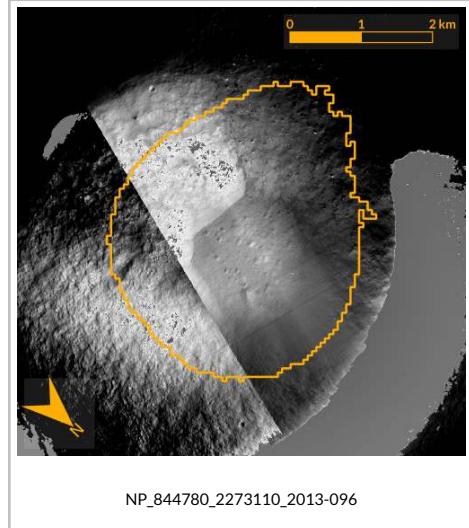
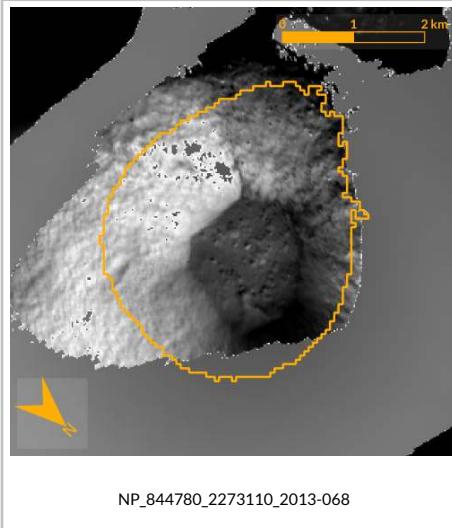
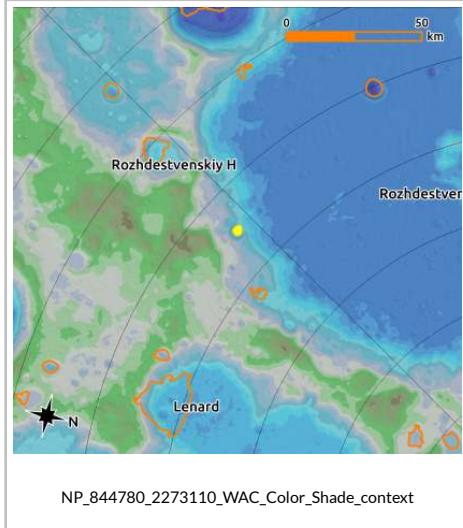
Features of Interest:
Notes: 5
Image Lists: lroc.sese.asu.edu/psr/NP_844110_2687540



NP_844780_2273110

Lunar Features: Rozhdestvenskiy Crater
Centroid Latitude: 84.478
Centroid Longitude: 227.311
Area (km²): 11.24
Perimeter (km): 17.76
Pixel Scale Range (m): 6-20
Coverage (%): 100

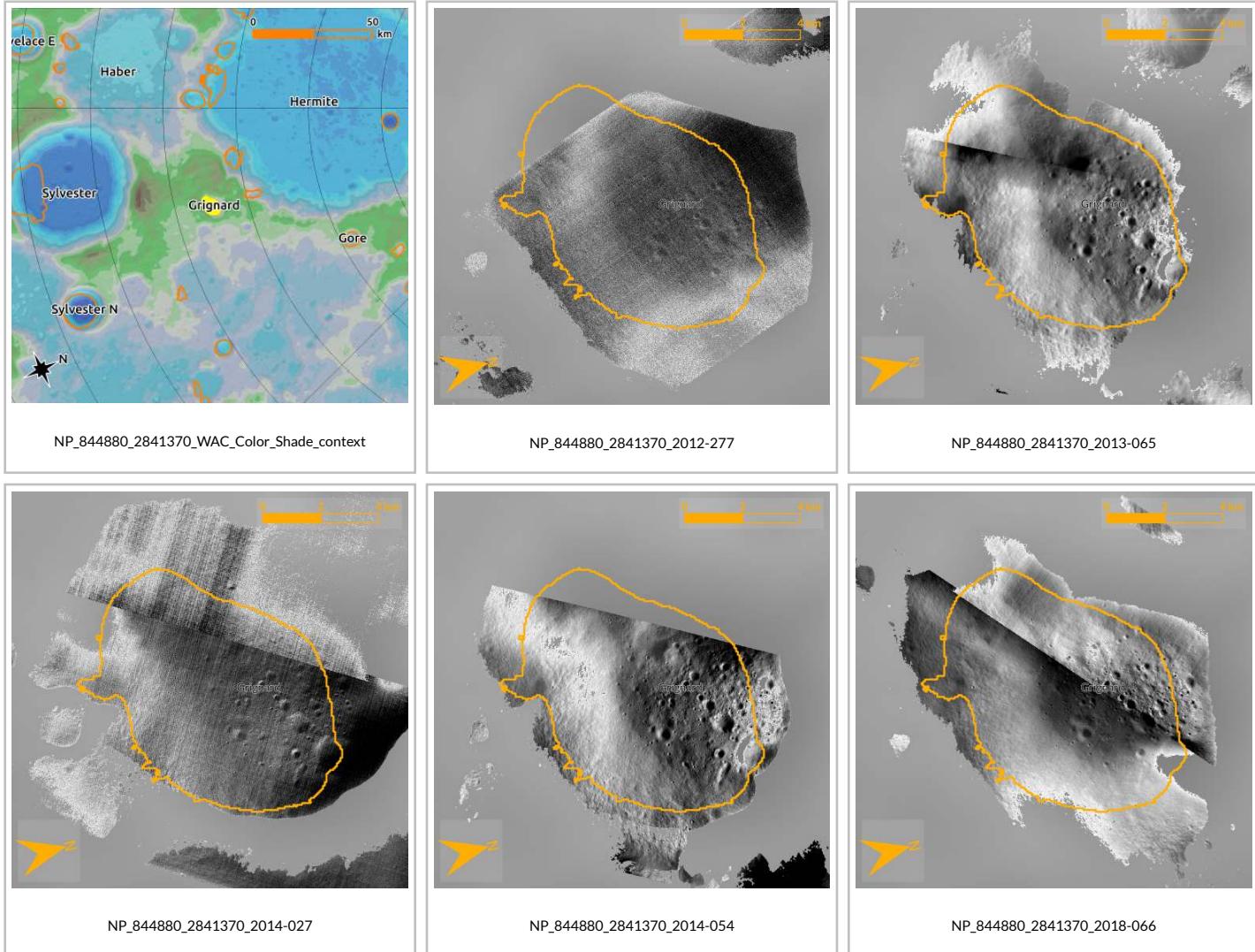
Features of Interest: 2014-058 (M1148166042R): 227.063, 84.459 (S1815 L3298) - dark albedo streaks on crater walls; 227.147, 84.437 (S1732 L3263) - light albedo streaks on crater wall; 226.699, 84.474 (S1947 L3239) - high albedo boulders
Notes: Albedo streaks on crater walls
Image Lists: lroc.sese.asu.edu/psr/NP_844780_2273110



NP_844880_2841370

Lunar Features: Grignard Crater
Centroid Latitude: 84.488
Centroid Longitude: 284.137
Area (km²): 49.32
Perimeter (km): 39.12
Pixel Scale Range (m): 2-20
Coverage (%): 100

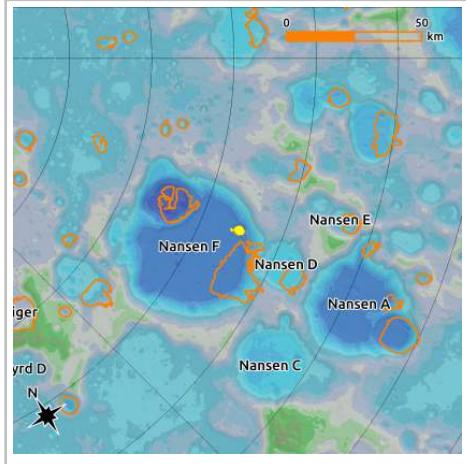
Features of Interest: 2014-054 (M1147831526L): 284.382, 84.565 (S11591 L3117) - floor is heavily cratered
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_844880_2841370



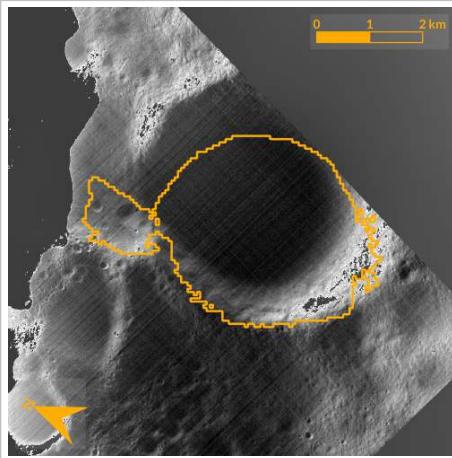
NP_845280_0675040

Lunar Features: Nansen F Crater
Centroid Latitude: 84.528
Centroid Longitude: 67.504
Area (km²): 12.46
Perimeter (km): 27.72
Pixel Scale Range (m): 2-20
Coverage (%): 100

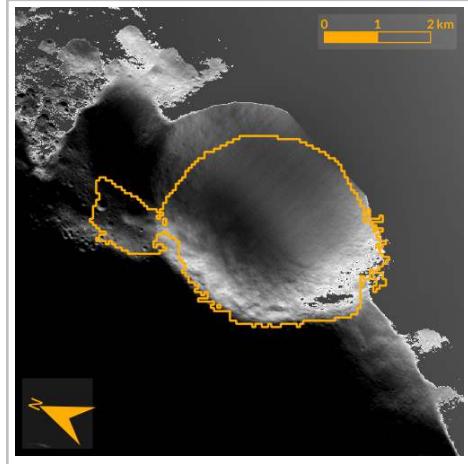
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_845280_0675040



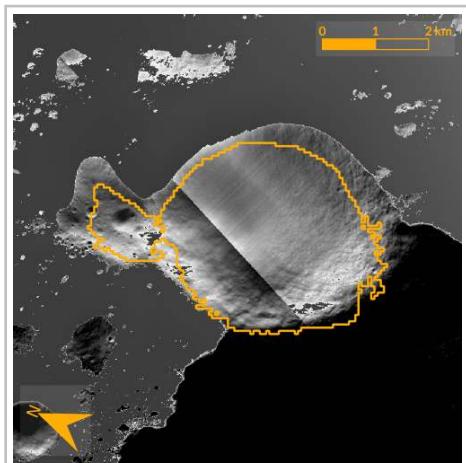
NP_845280_0675040_WAC_Color_Shade_context



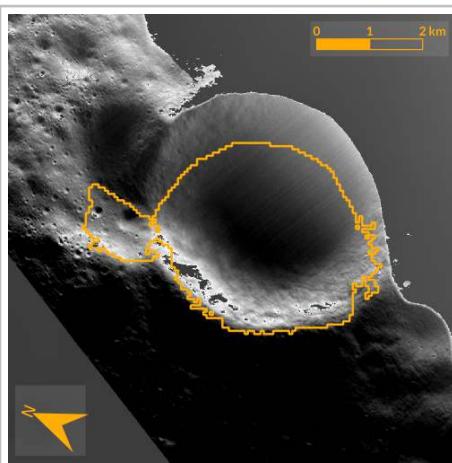
NP_845280_0675040_2013-081



NP_845280_0675040_2014-016



NP_845280_0675040_2014-043

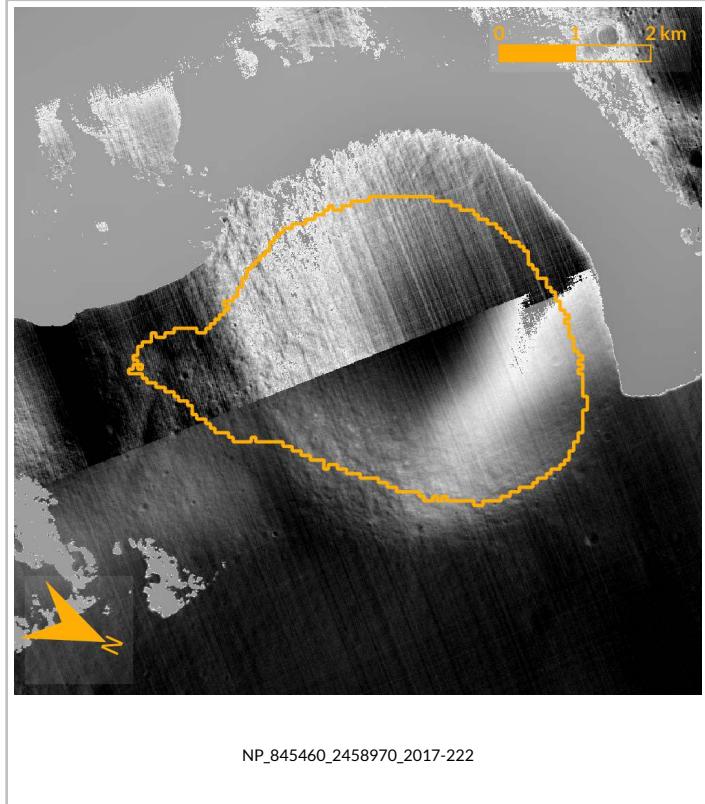
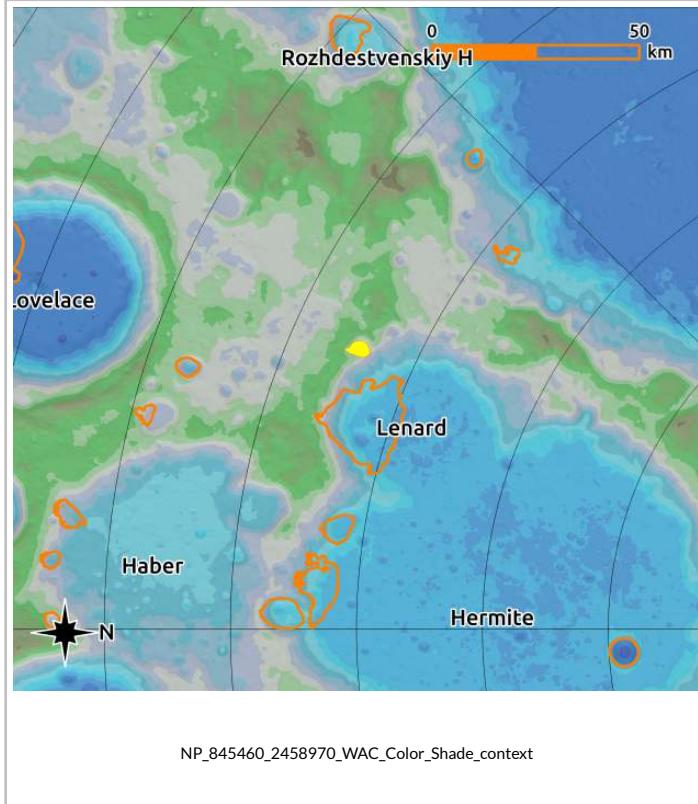


NP_845280_0675040_2015-360

NP_845460_2458970

Lunar Features: Lenard Crater
Centroid Latitude: 84.546
Centroid Longitude: 245.897
Area (km²): 16.05
Perimeter (km): 21.96
Pixel Scale Range (m): 8-20
Coverage (%): 30

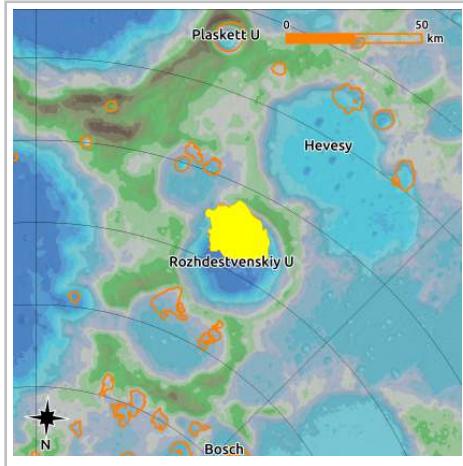
Features of Interest:
Notes: Added new image 2017-08-16
Image Lists: lroc.sese.asu.edu/psr/NP_845460_2458970



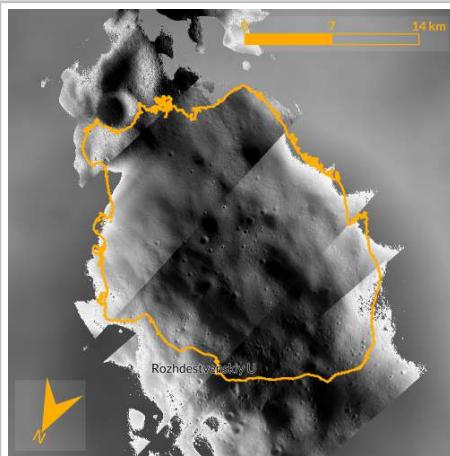
NP_845580_1531340

Lunar Features: Rozhdestvenskiy U Crater, Rozhdestvenskiy Crater
Centroid Latitude: 84.558
Centroid Longitude: 153.134
Area (km²): 397.21
Perimeter (km): 191.76
Pixel Scale Range (m): 8-20
Coverage (%): 100

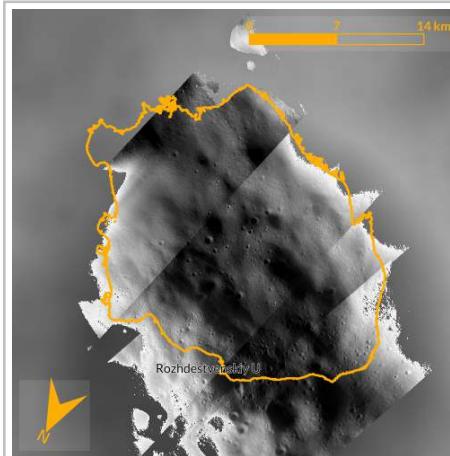
Features of Interest:
Notes: Hummocky terrain
Image Lists: lroc.sese.asu.edu/psr/NP_845580_1531340



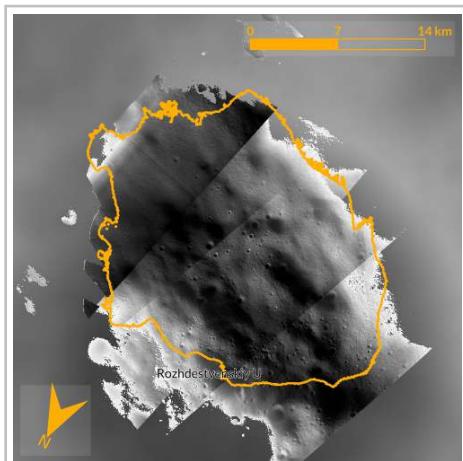
NP_845580_1531340_WAC_Color_Shade_context



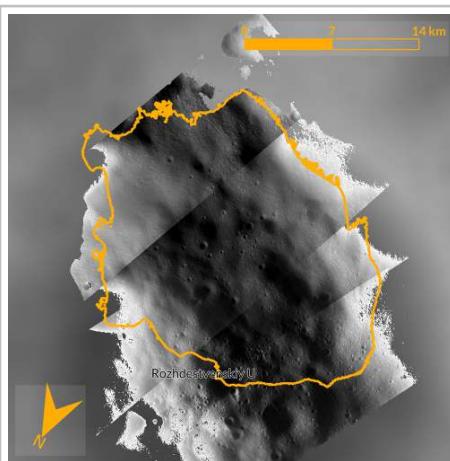
NP_845580_1531340_full



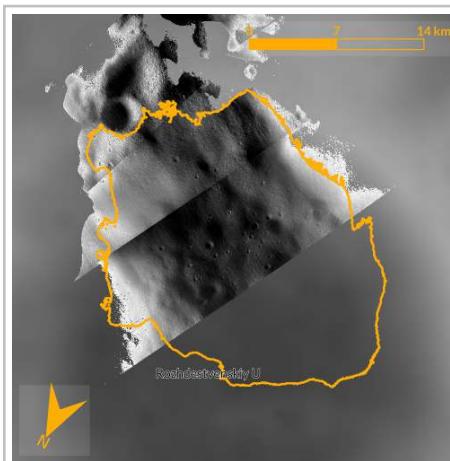
NP_845580_1531340_2013-047



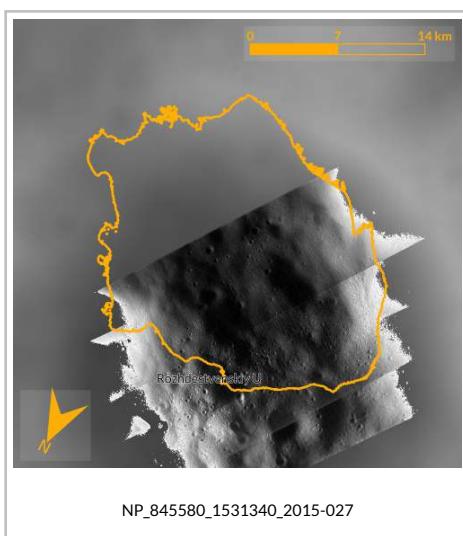
NP_845580_1531340_2013-074



NP_845580_1531340_2014-037



NP_845580_1531340_2015-026

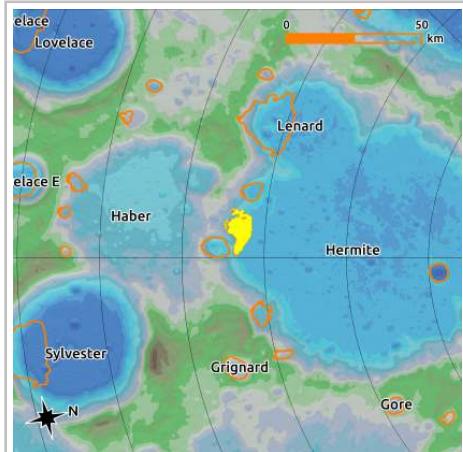


NP_845580_1531340_2015-027

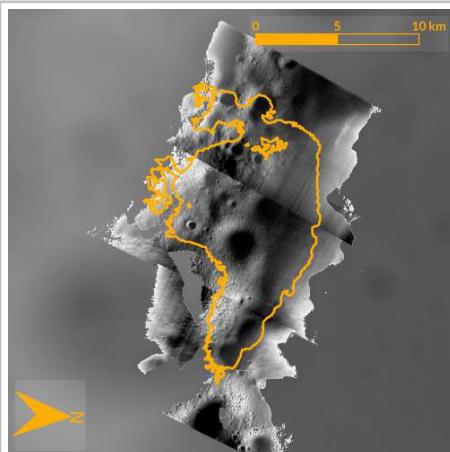
NP_846950_2663500

Lunar Features: Hermite Crater
Centroid Latitude: 84.695
Centroid Longitude: 266.35
Area (km²): 96.60
Perimeter (km): 157.56
Pixel Scale Range (m): 5-20
Coverage (%): 98

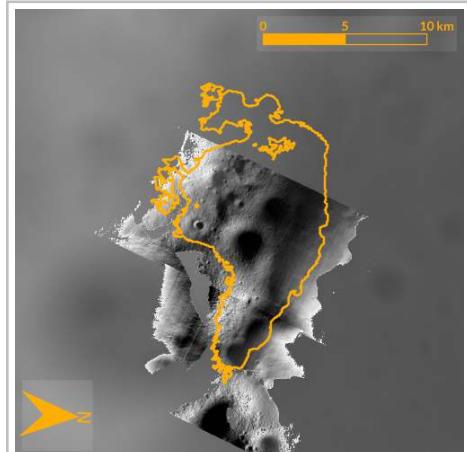
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_846950_2663500



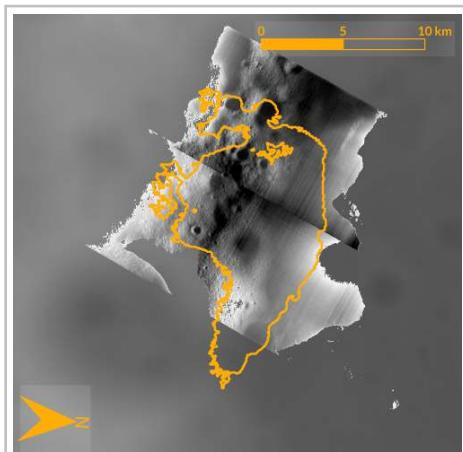
NP_846950_2663500_WAC_Color_Shade_context



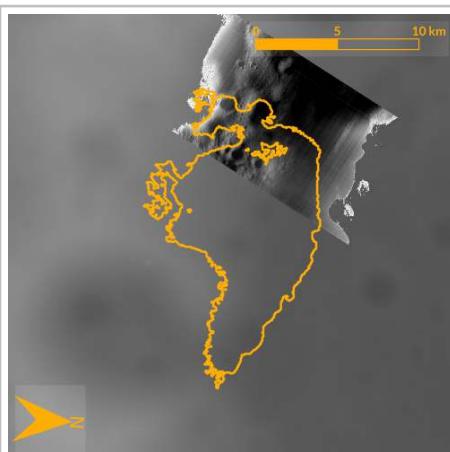
NP_846950_2663500_full



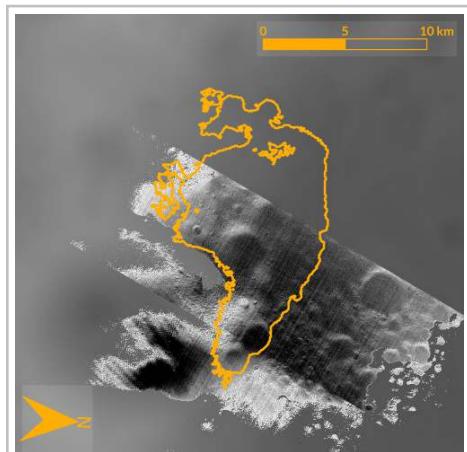
NP_846950_2663500_2013-066



NP_846950_2663500_2013-093



NP_846950_2663500_2013-094



NP_846950_2663500_2014-028



NP_846950_2663500_2014-056

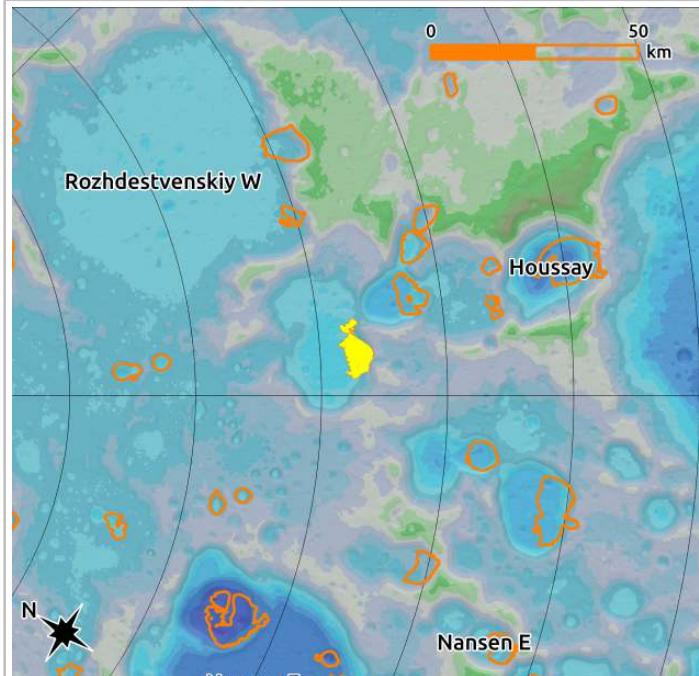
NP_847140_0937770

Lunar Features: Rozhdestvenskiy W Crater
Centroid Latitude: 84.714
Centroid Longitude: 93.777
Area (km²): 60.84
Perimeter (km): 93.0
Pixel Scale Range (m): 10-20
Coverage (%): 90

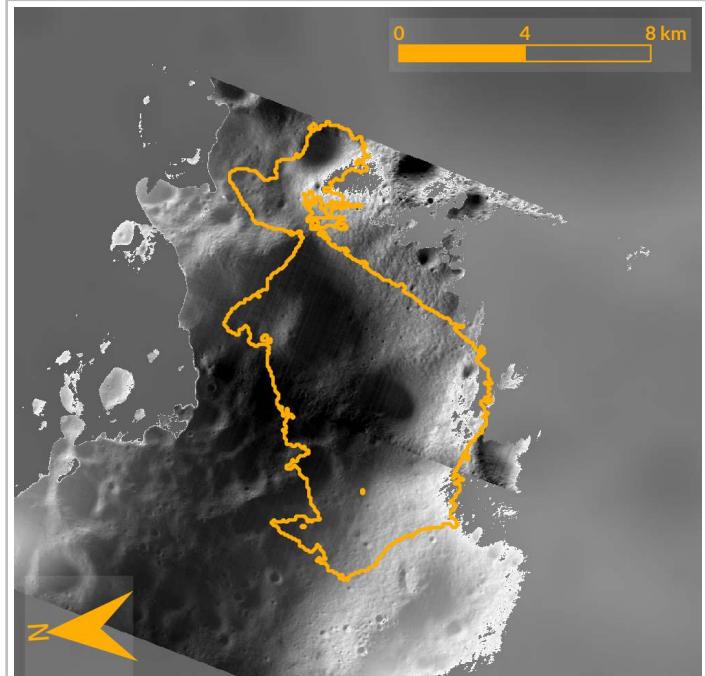
Features of Interest:

Notes:

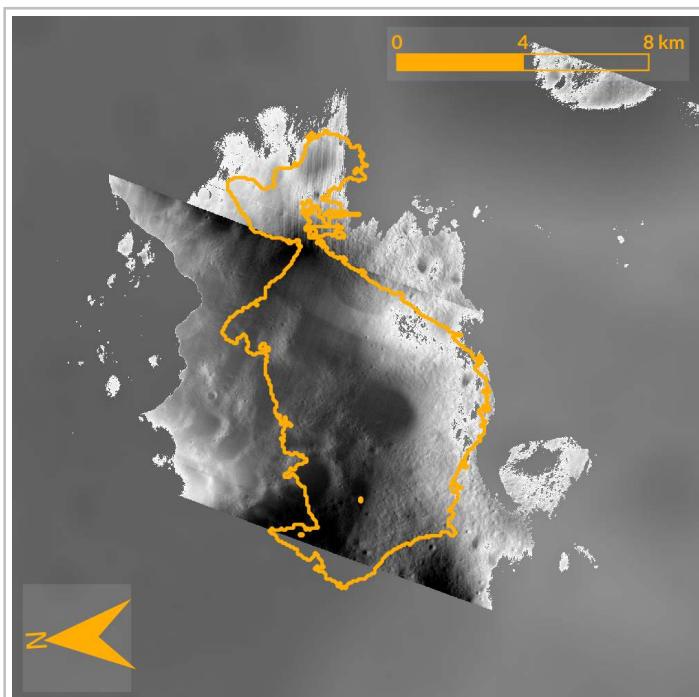
Image Lists: lroc.sese.asu.edu/psr/NP_847140_0937770



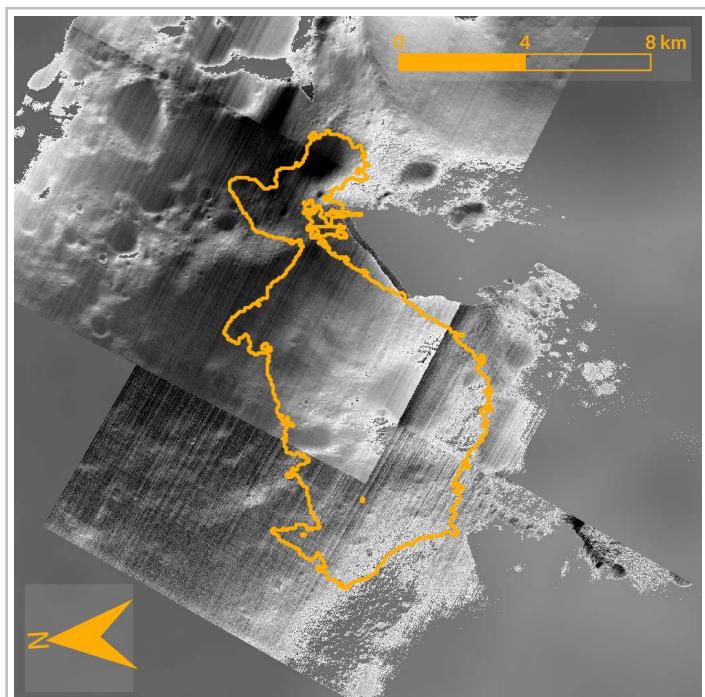
NP_847140_0937770_WAC_Color_Shade_context



NP_847140_0937770_2013-052



NP_847140_0937770_2013-079

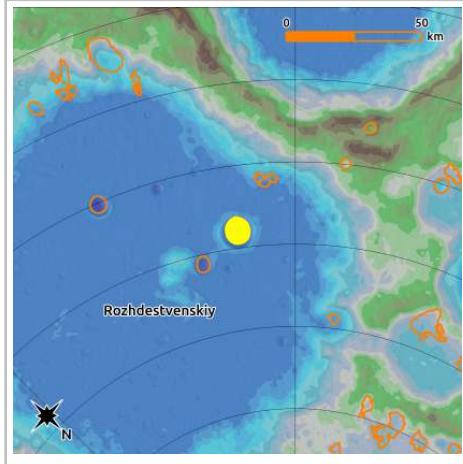


NP_847140_0937770_2015-004

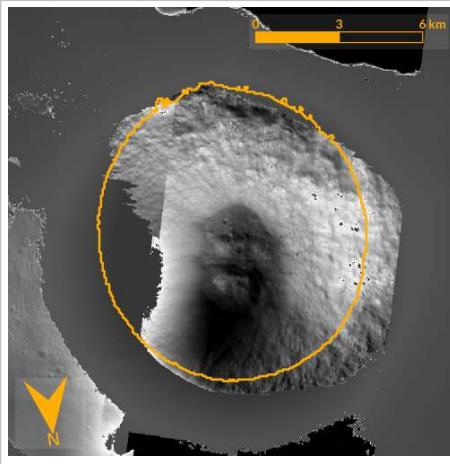
NP_847900_1877490

Lunar Features: Rozhdestvenskiy Crater
Centroid Latitude: 84.79
Centroid Longitude: 187.749
Area (km²): 79.94
Perimeter (km): 45.84
Pixel Scale Range (m): 6-20
Coverage (%): 97

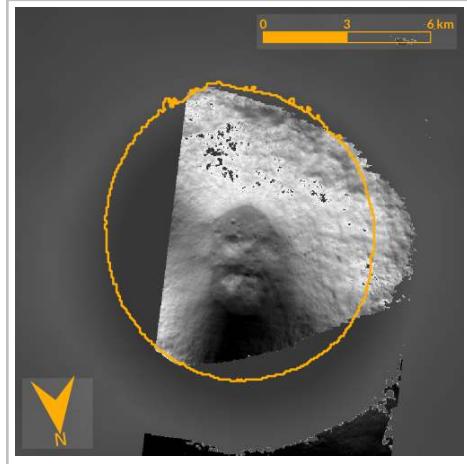
Features of Interest: 2013-072 (M1117773776R): 187.143, 84.863
(S1367 L2326) - boulder albedo streaks
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_847900_1877490



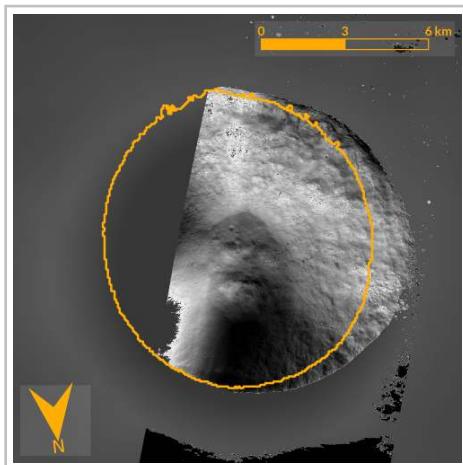
NP_847900_1877490_WAC_Color_Shade_context



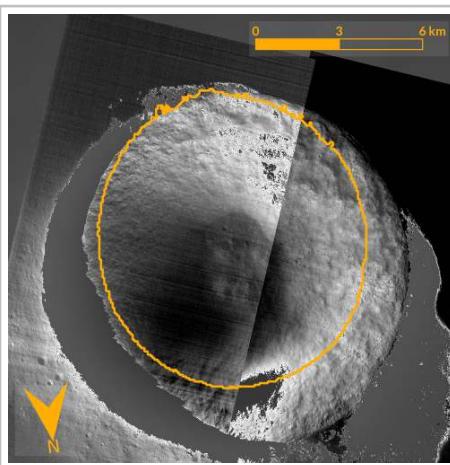
NP_847900_1877490_2013-044



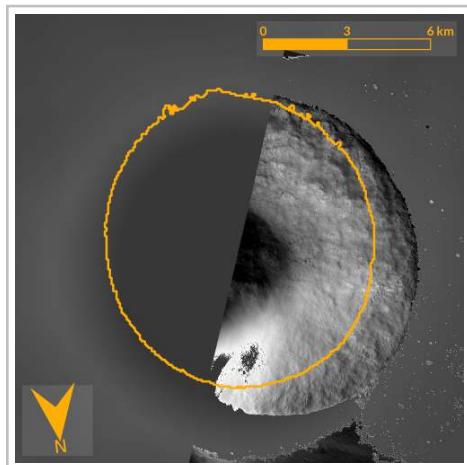
NP_847900_1877490_2013-071



NP_847900_1877490_2013-072



NP_847900_1877490_2014-007

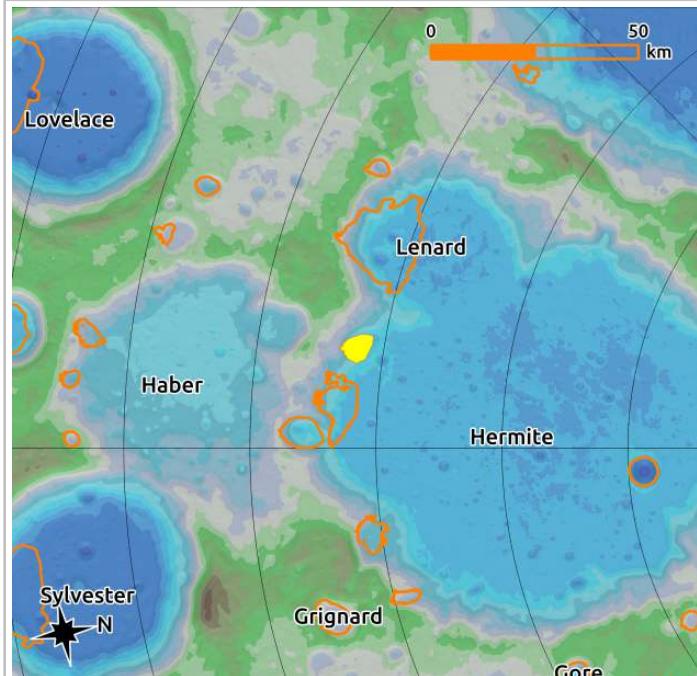


NP_847900_1877490_2014-034

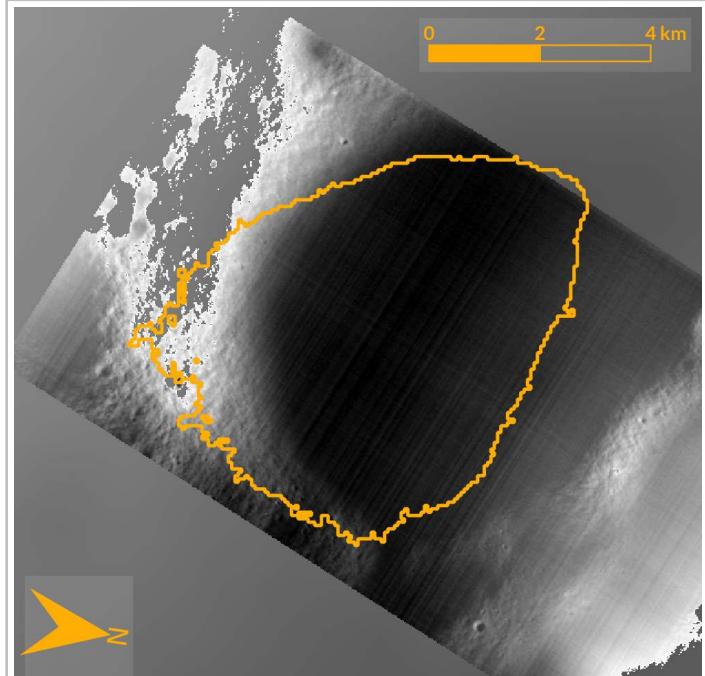
NP_847930_2611590

Lunar Features: Hermite Crater
Centroid Latitude: 84.793
Centroid Longitude: 261.159
Area (km²): 36.63
Perimeter (km): 43.2
Pixel Scale Range (m): 5-20
Coverage (%): 30

Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_847930_2611590



NP_847930_2611590_WAC_Color_Shade_context



NP_847930_2611590_2013-094

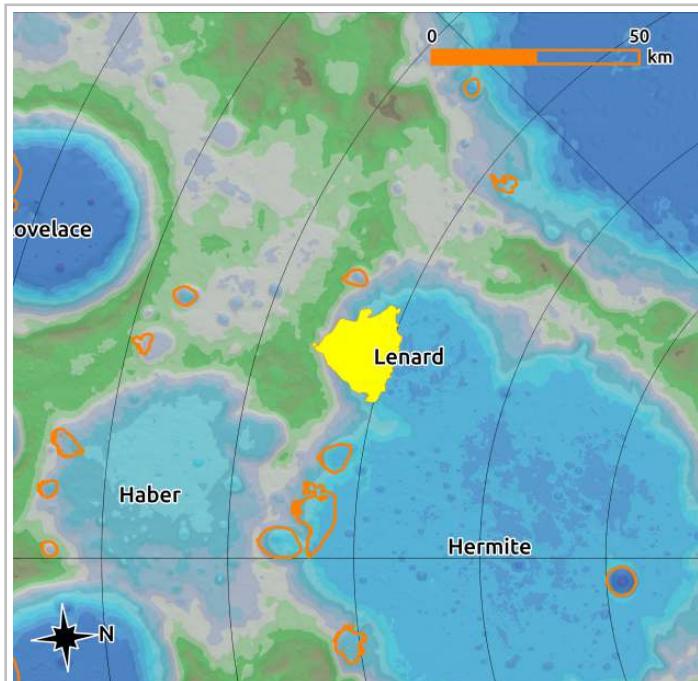
NP_848130_2514750

Lunar Features: Lenard Crater
Centroid Latitude: 84.813
Centroid Longitude: 251.475
Area (km²): 292.03
Perimeter (km): 135.84
Pixel Scale Range (m): 5-20
Coverage (%): 90

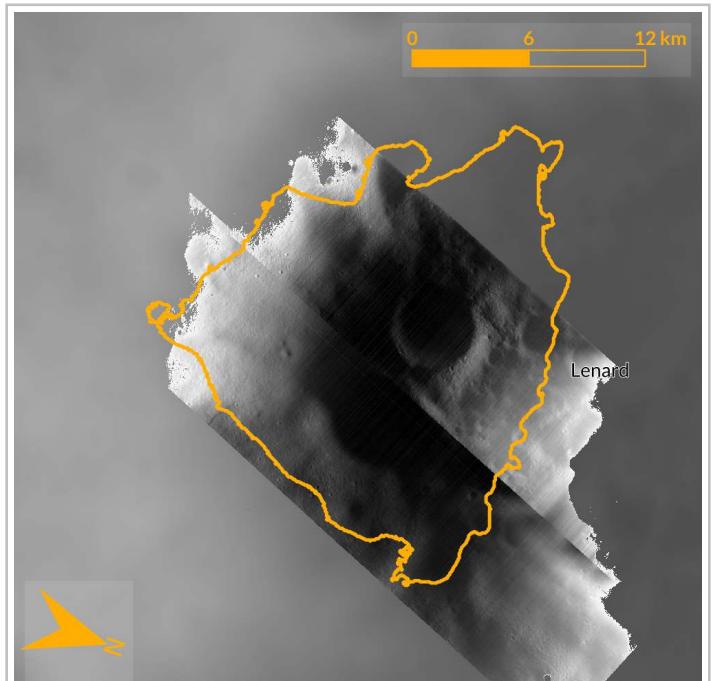
Features of Interest: 2013-094 (M1119748384R): 250.998, 84.877 (S767 L770) & (M1119748384L): 250.227, 84.937 (S887 L702) - two large craters at center of PSR

Notes:

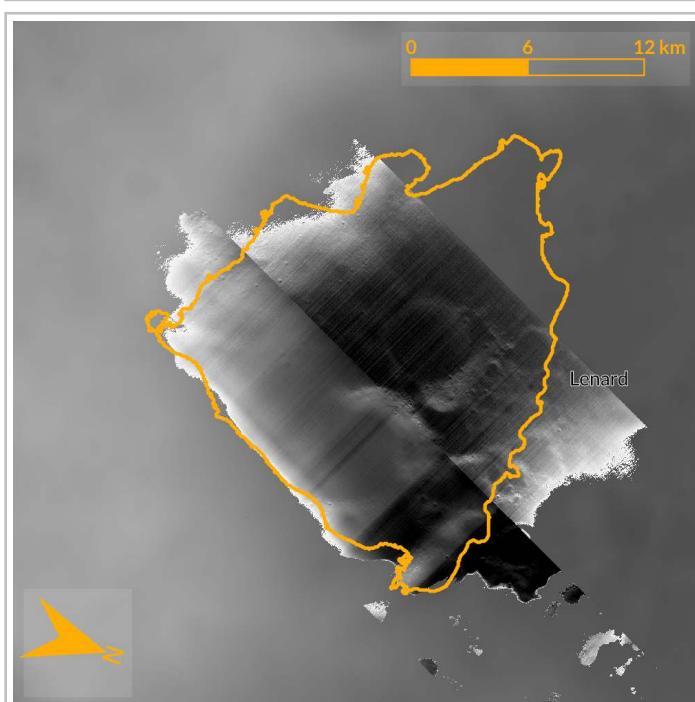
Image Lists: lroc.sese.asu.edu/psr/NP_848130_2514750



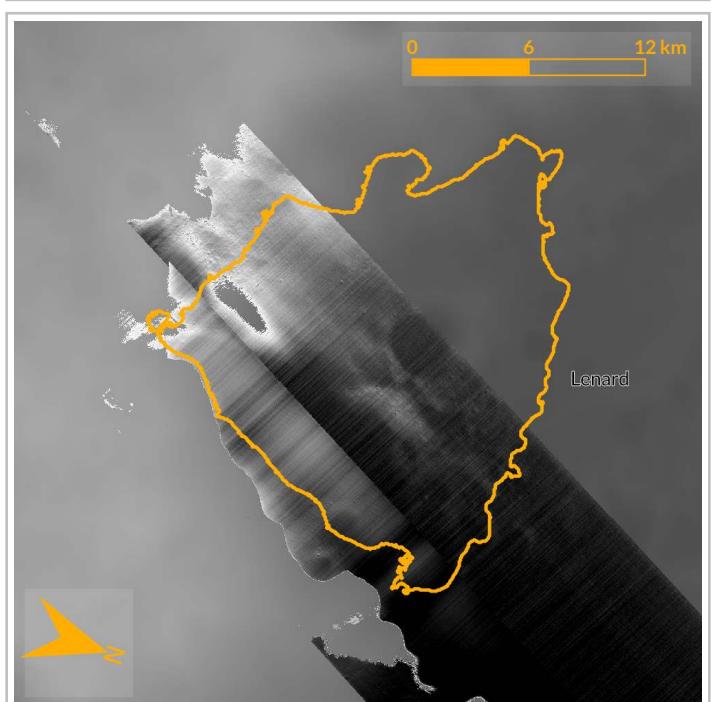
NP_848130_2514750_WAC_Color_Shade_context



NP_848130_2514750_2013-094



NP_848130_2514750_2014-030



NP_848130_2514750_2014-357

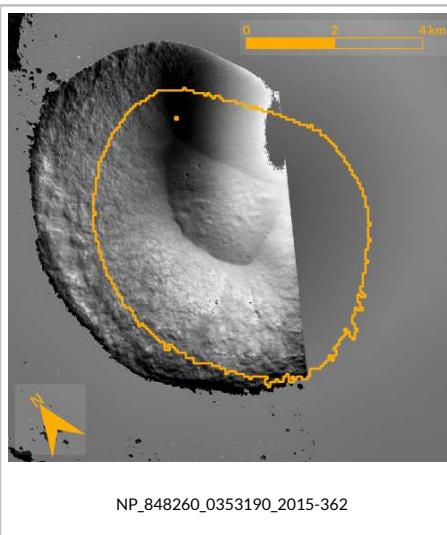
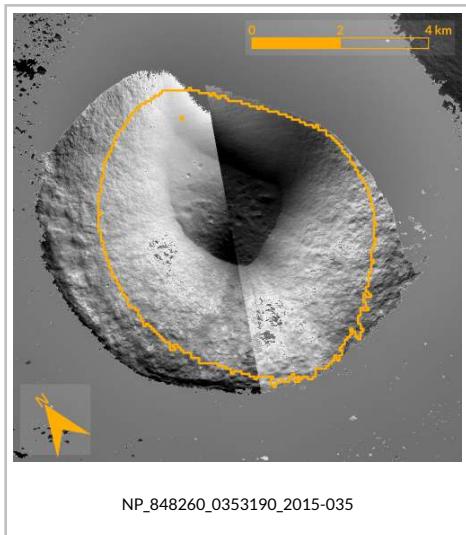
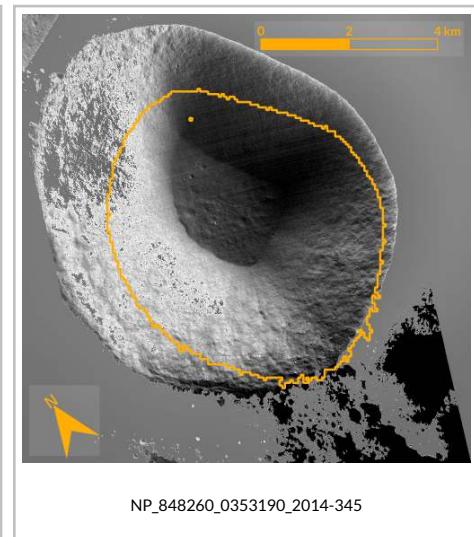
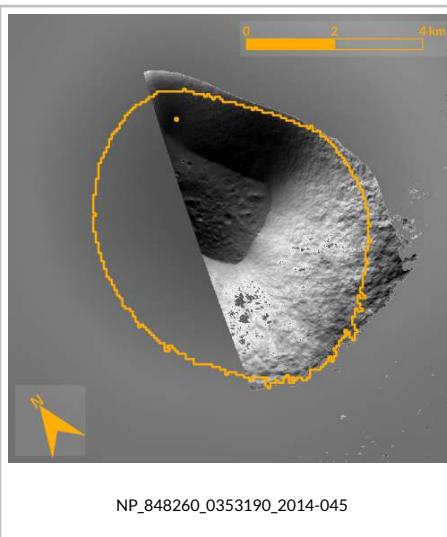
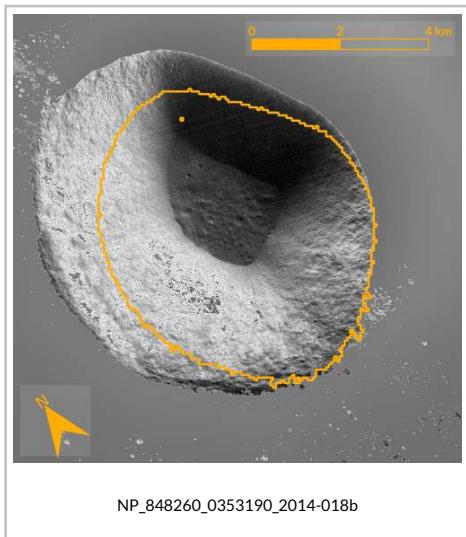
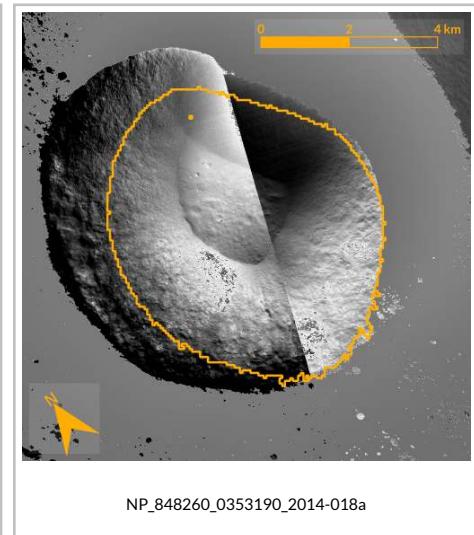
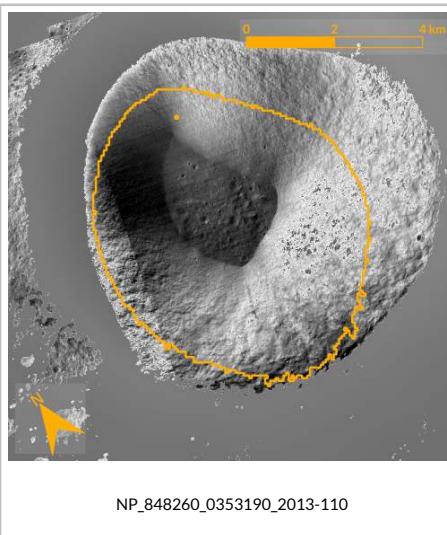
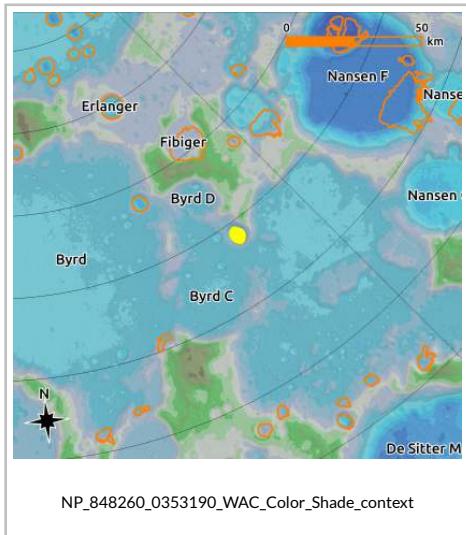
NP_848260_0353190

Lunar Features: Byrd D Crater, Byrd C Crater
Centroid Latitude: 84.826
Centroid Longitude: 35.319
Area (km²): 31.91
Perimeter (km): 30.84
Pixel Scale Range (m): 2-20
Coverage (%): 100

Features of Interest: 2014-045 (M1147027654L): 35.041, 84.772 (S314 L1076) - high albedo streaking on northward facing crater wall due to boulders & 35.231, 84.863 (S170 L758) - mound structures and hummocky, melty crater floor

Notes:

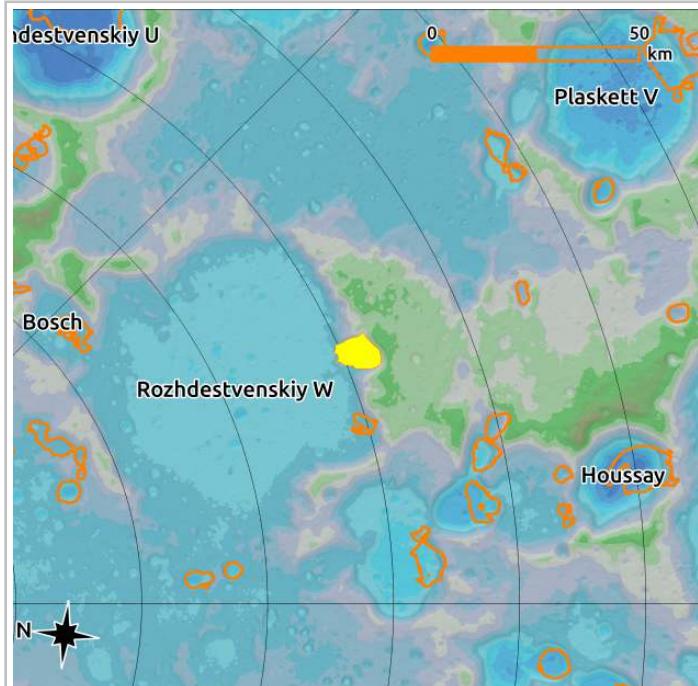
Image Lists: lroc.sese.asu.edu/psr/NP_848260_0353190



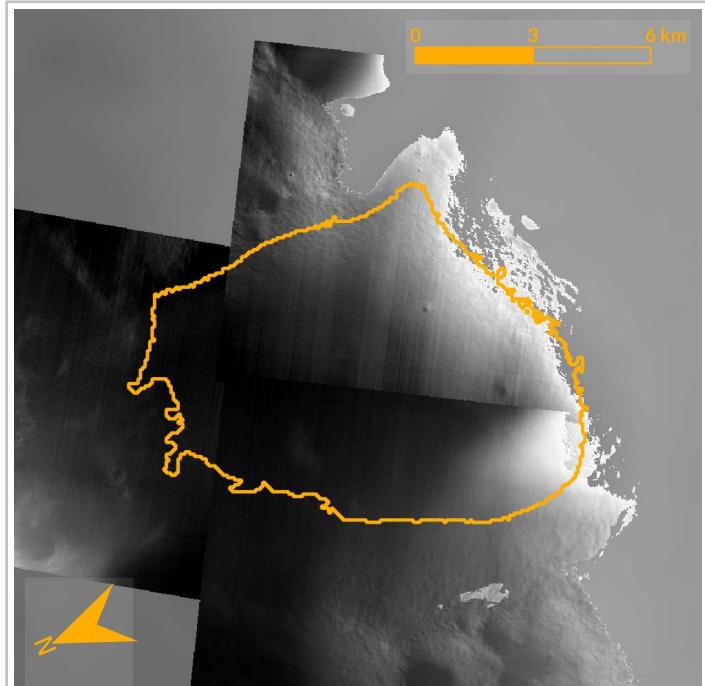
NP_848750_1128620

Lunar Features: Rozhdestvenskiy W Crater
Centroid Latitude: 84.875
Centroid Longitude: 112.862
Area (km²): 67.09
Perimeter (km): 56.64
Pixel Scale Range (m): 8-20
Coverage (%): 80

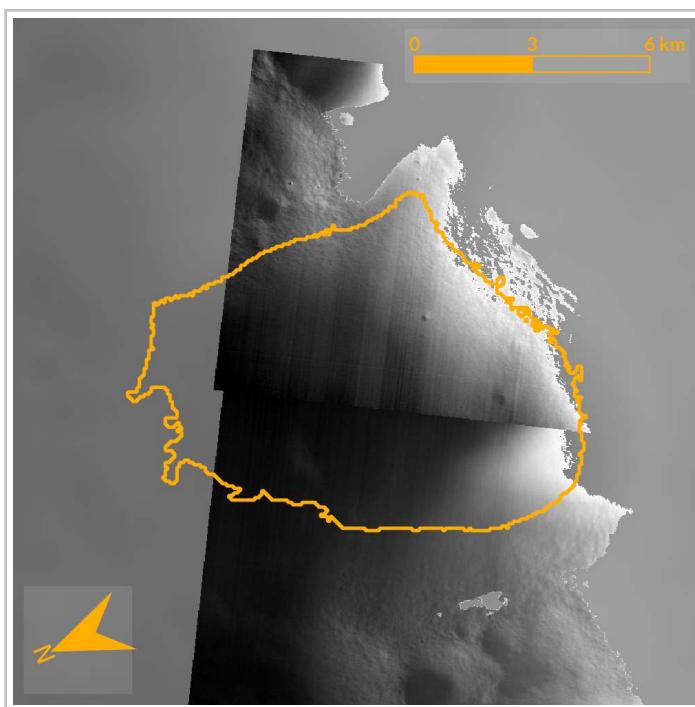
Features of Interest:
Notes: No good images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/NP_848750_1128620



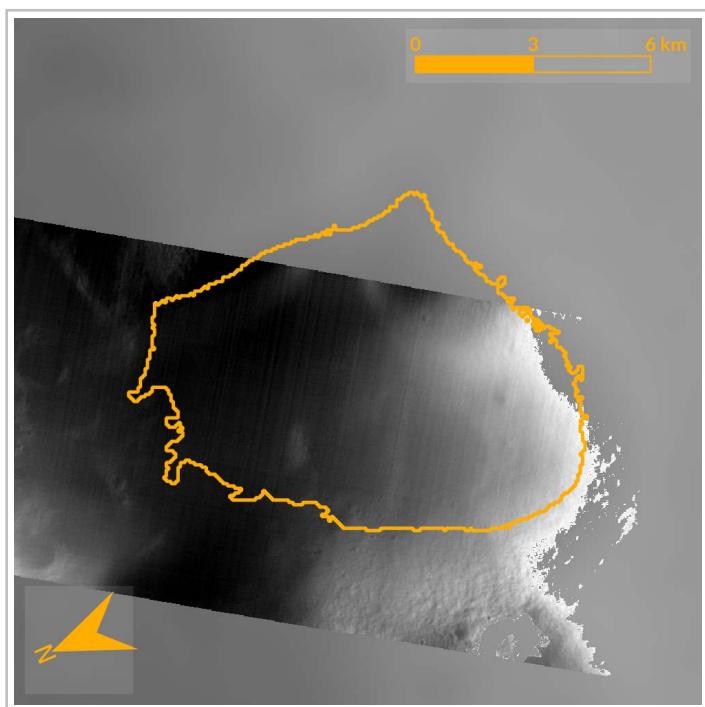
NP_848750_1128620_WAC_Color_Shade_context



NP_848750_1128620_full



NP_848750_1128620_2013-105

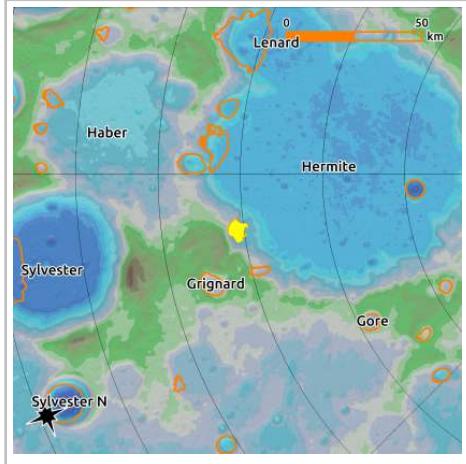


NP_848750_1128620_2014-040

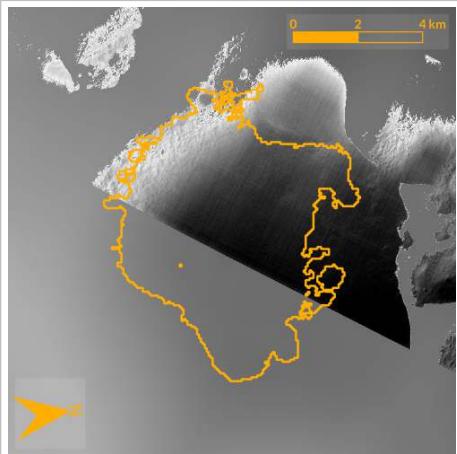
NP_849190_2777710

Lunar Features: Hermite Crater
Centroid Latitude: 84.919
Centroid Longitude: 277.771
Area (km²): 40.64
Perimeter (km): 73.32
Pixel Scale Range (m): 3-20
Coverage (%): 99

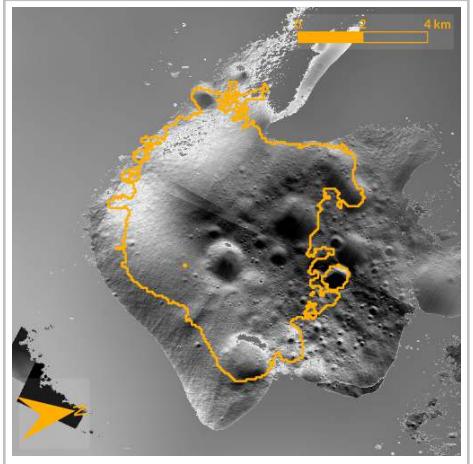
Features of Interest: 2014-355 (M1173806411L): 278.702, 84.979 (S1112 L502) - heavy cratering on right side of PSR
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_849190_2777710



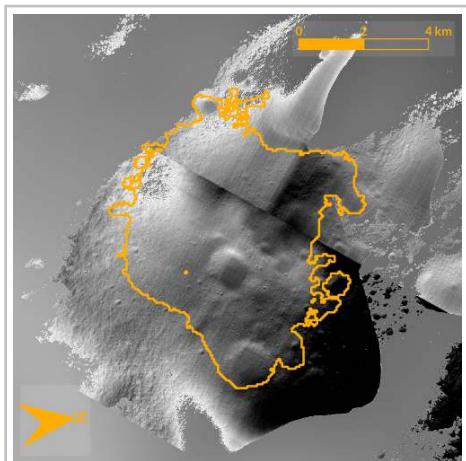
NP_849190_2777710_WAC_Color_Shade_context



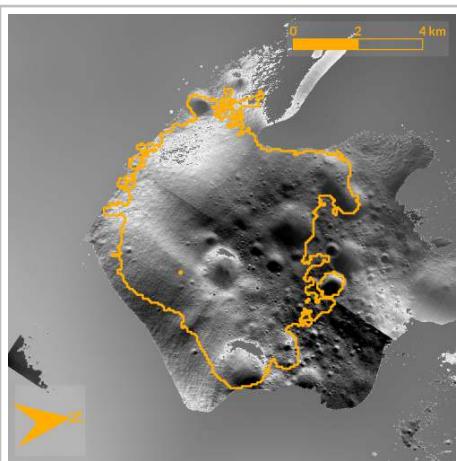
NP_849190_2777710_2014-055



NP_849190_2777710_2014-355



NP_849190_2777710_2015-018

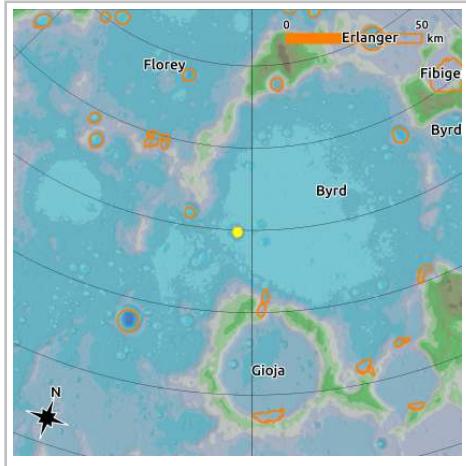


NP_849190_2777710_2015-345

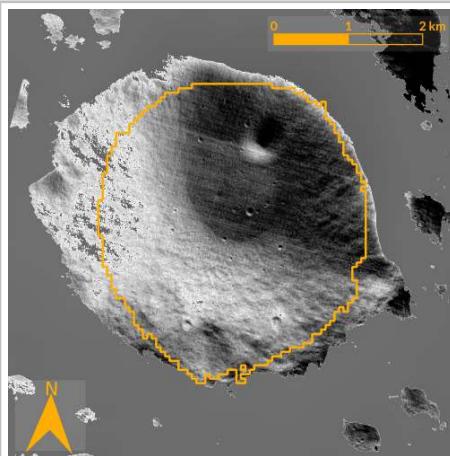
NP_849750_3579740

Lunar Features: Byrd Crater
Centroid Latitude: 84.975
Centroid Longitude: 357.974
Area (km²): 11.19
Perimeter (km): 16.68
Pixel Scale Range (m): 5-20
Coverage (%): 100

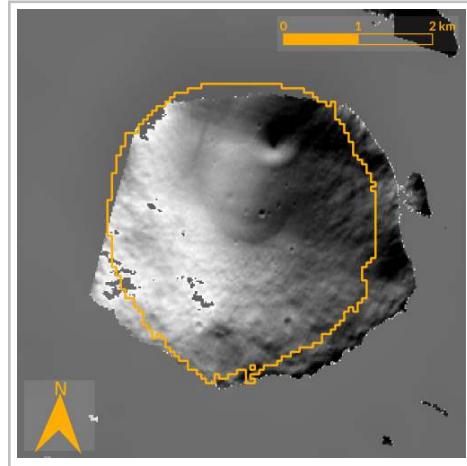
Features of Interest: 2013-058 (M1116630123L): 358.217, 84.933 (S1520 L8764) - degraded crater
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_849750_3579740



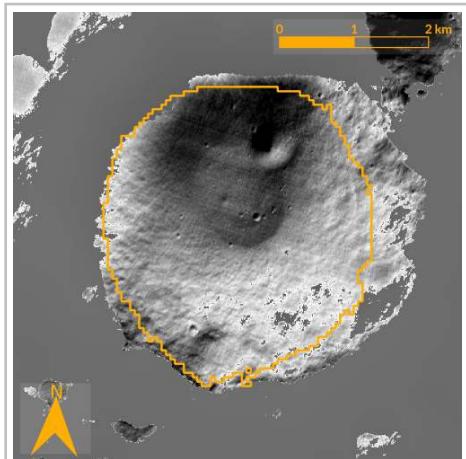
NP_849750_3579740_WAC_Color_Shade_context



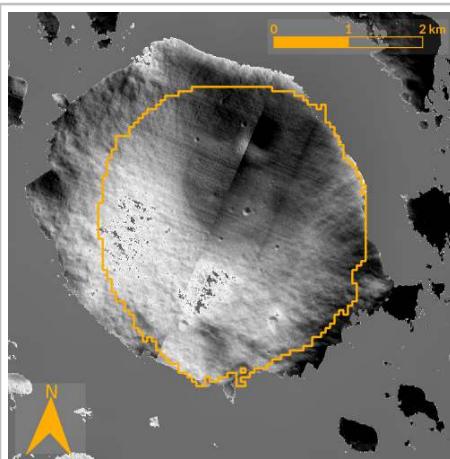
NP_849750_3579740_2013-058



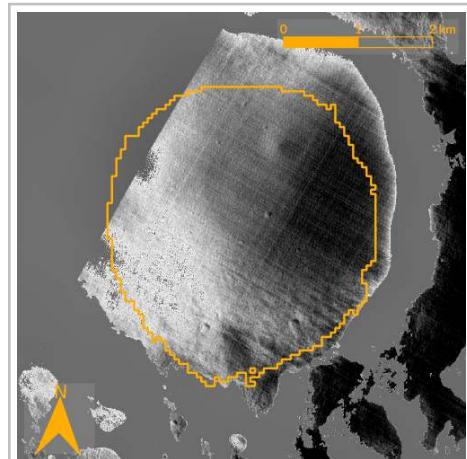
NP_849750_3579740_2013-086



NP_849750_3579740_2013-113



NP_849750_3579740_2014-048

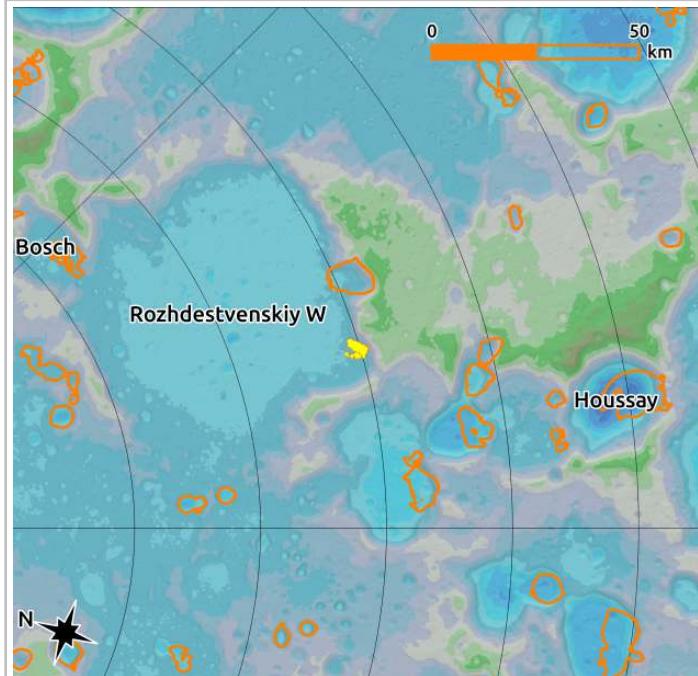


NP_849750_3579740_2015-365

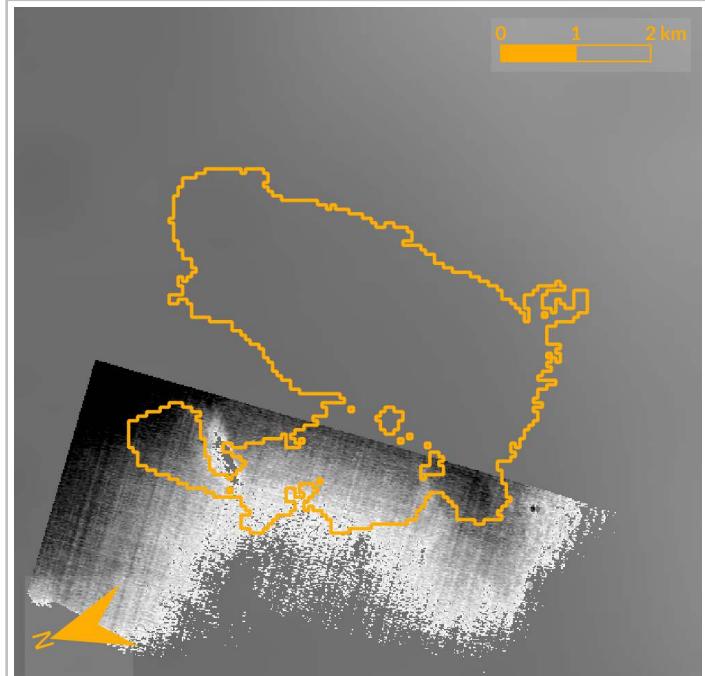
NP_850260_1066260

Lunar Features: Rozhdestvenskiy W Crater
Centroid Latitude: 85.026
Centroid Longitude: 106.626
Area (km²): 16.19
Perimeter (km): 45.6
Pixel Scale Range (m): 5-14
Coverage (%): 100

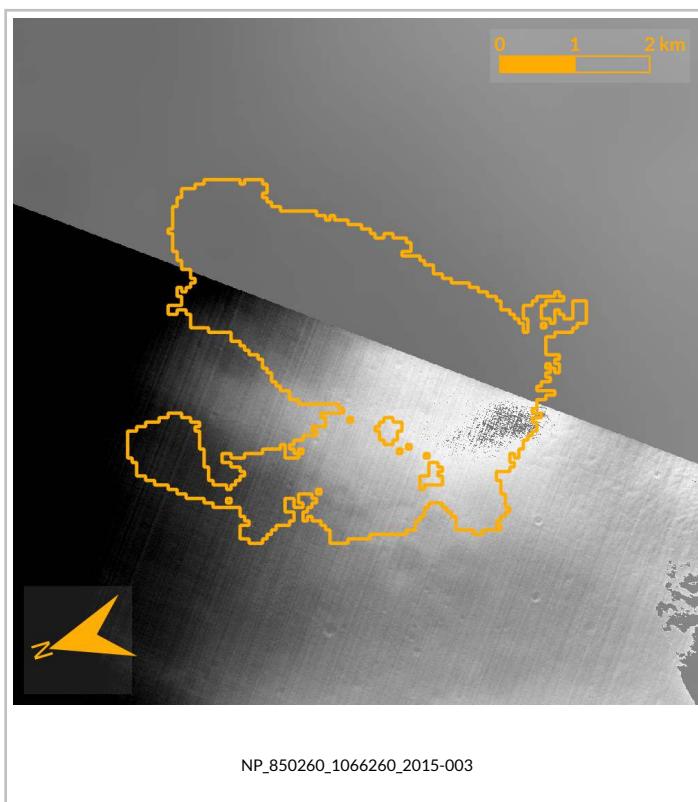
Features of Interest:
Notes: No good images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/NP_850260_1066260



NP_850260_1066260_WAC_Color_Shade_context



NP_850260_1066260_2013-079

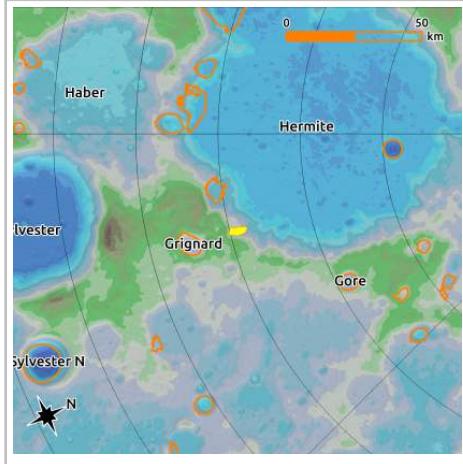


NP_850260_1066260_2015-003

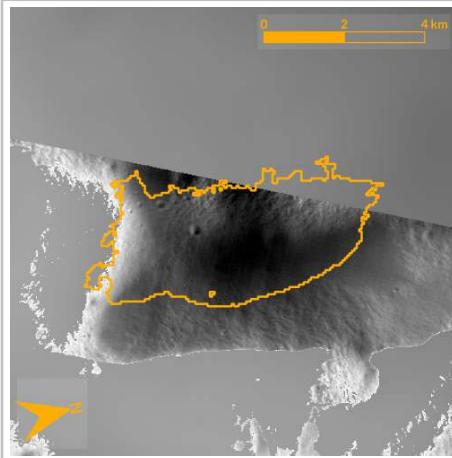
NP_850930_2839380

Lunar Features: Hermite Crater, Grignard Crater
Centroid Latitude: 85.093
Centroid Longitude: 283.938
Area (km²): 17.09
Perimeter (km): 36.12
Pixel Scale Range (m): 2-20
Coverage (%): 90

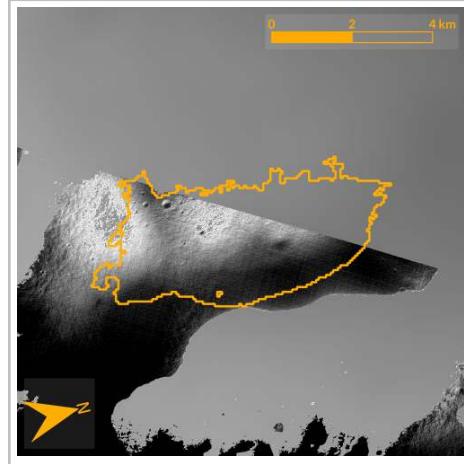
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_850930_2839380



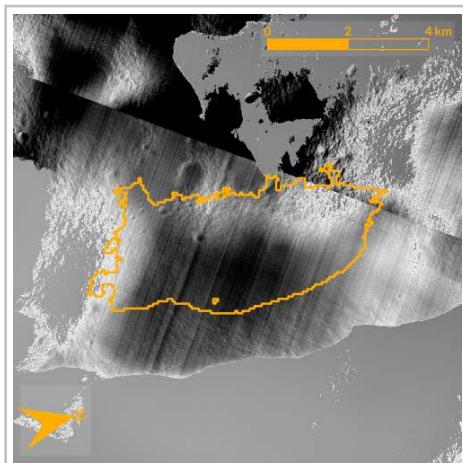
NP_850930_2839380_WAC_Color_Shade_context



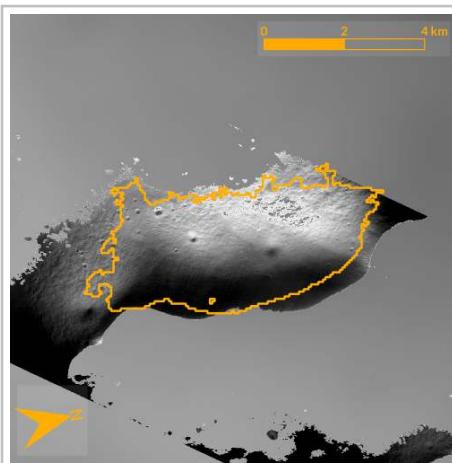
NP_850930_2839380_2013-065



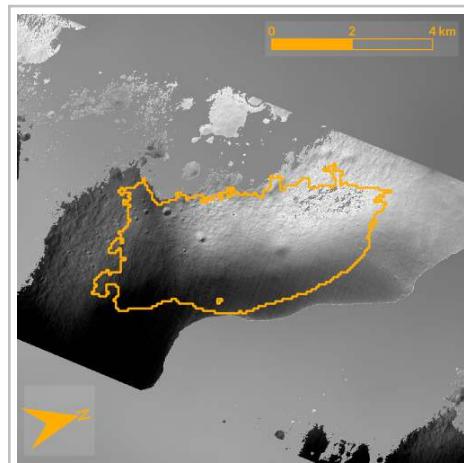
NP_850930_2839380_2014-027



NP_850930_2839380_2014-055



NP_850930_2839380_2014-355



NP_850930_2839380_2015-017

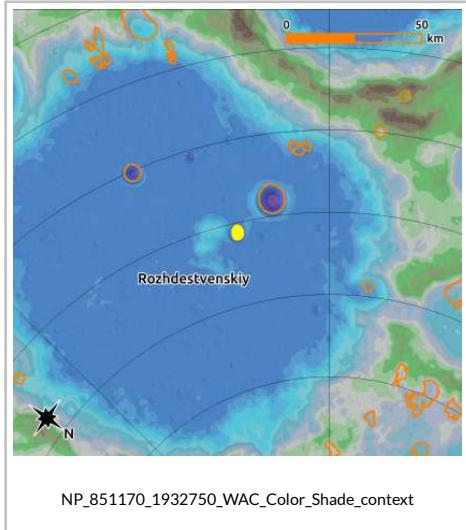


NP_850930_2839380_2015-345

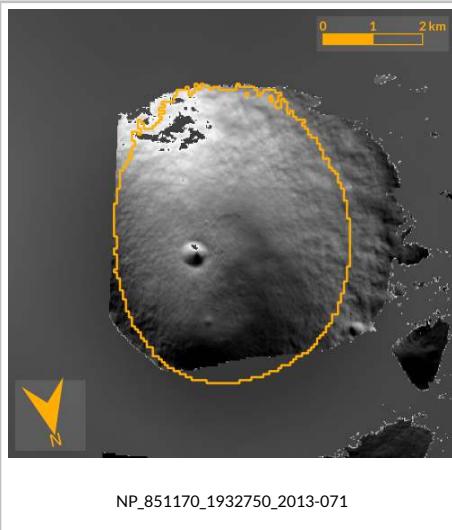
NP_851170_1932750

Lunar Features: Rozhdestvenskiy Crater
Centroid Latitude: 85.117
Centroid Longitude: 193.275
Area (km²): 22.42
Perimeter (km): 25.68
Pixel Scale Range (m): 5-20
Coverage (%): 100

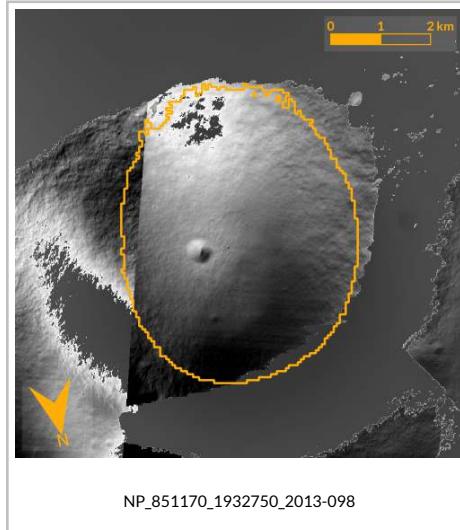
Features of Interest: 2015-023 (M1176677428RE): 193.586, 85.124 (S1751L877) - bright crater
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_851170_1932750



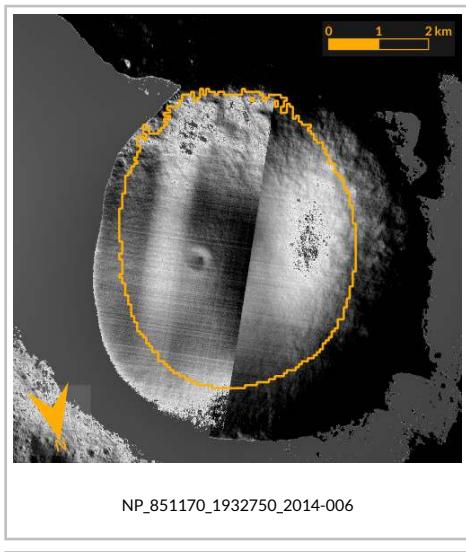
NP_851170_1932750_WAC_Color_Shade_context



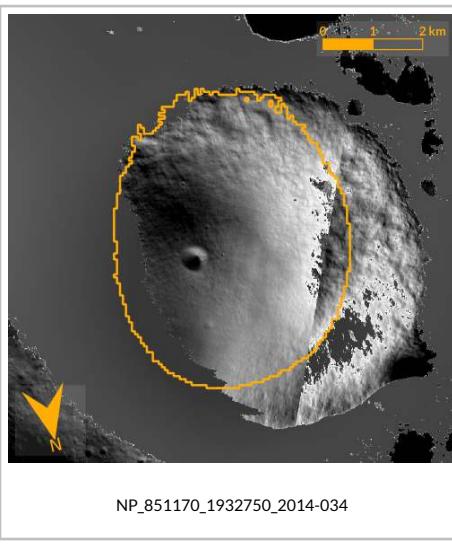
NP_851170_1932750_2013-071



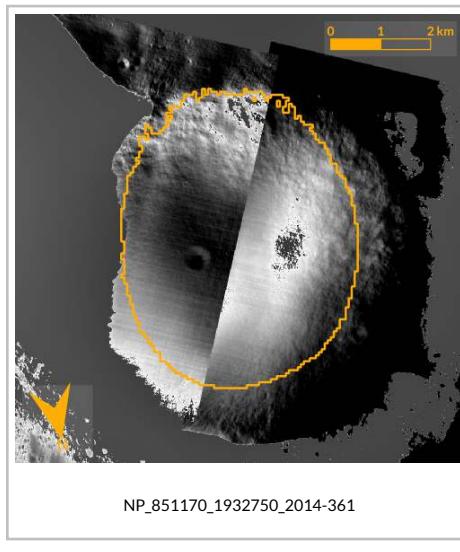
NP_851170_1932750_2013-098



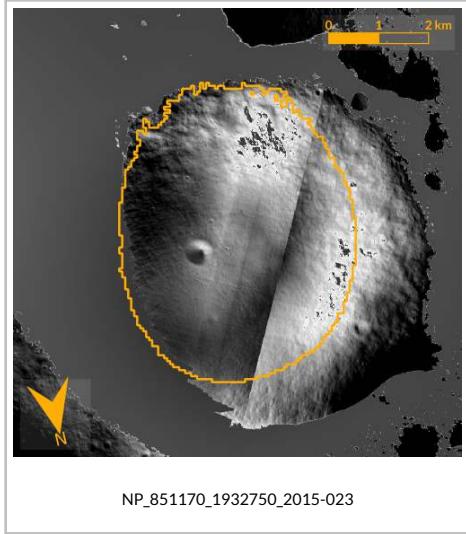
NP_851170_1932750_2014-006



NP_851170_1932750_2014-034



NP_851170_1932750_2014-361

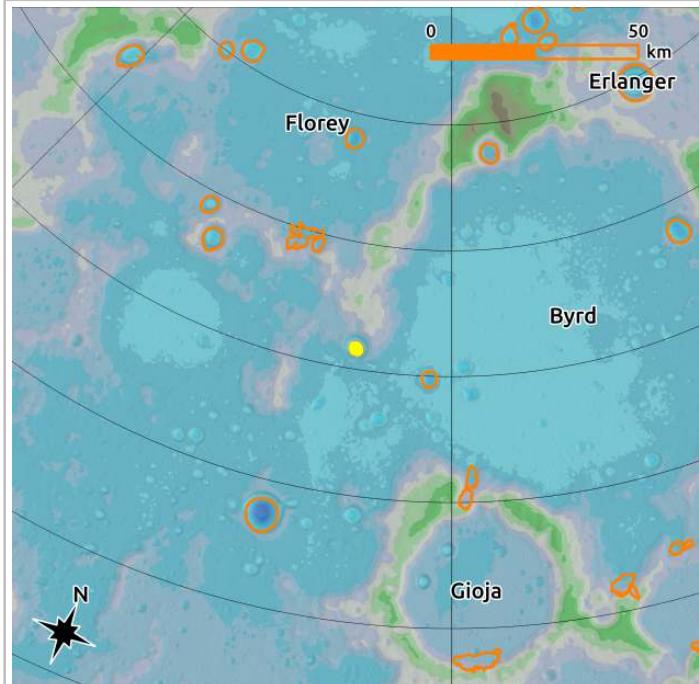


NP_851170_1932750_2015-023

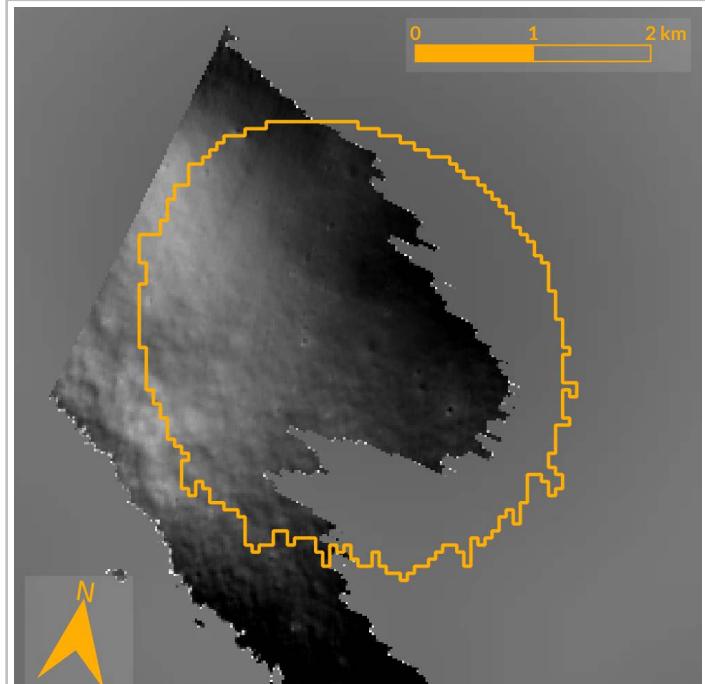
NP_851610_3509540

Lunar Features: Byrd Crater
Centroid Latitude: 85.161
Centroid Longitude: 350.954
Area (km²): 10.82
Perimeter (km): 18.6
Pixel Scale Range (m): 2-20
Coverage (%): 100

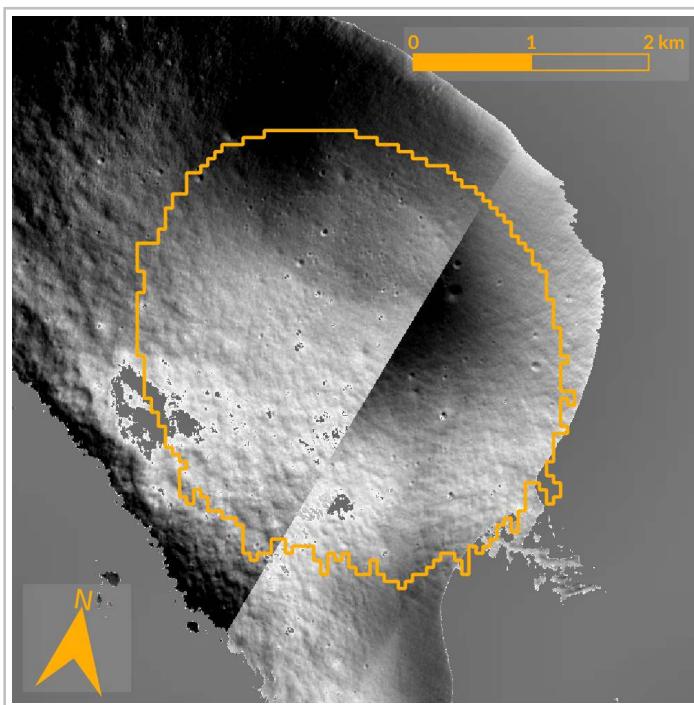
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_851610_3509540



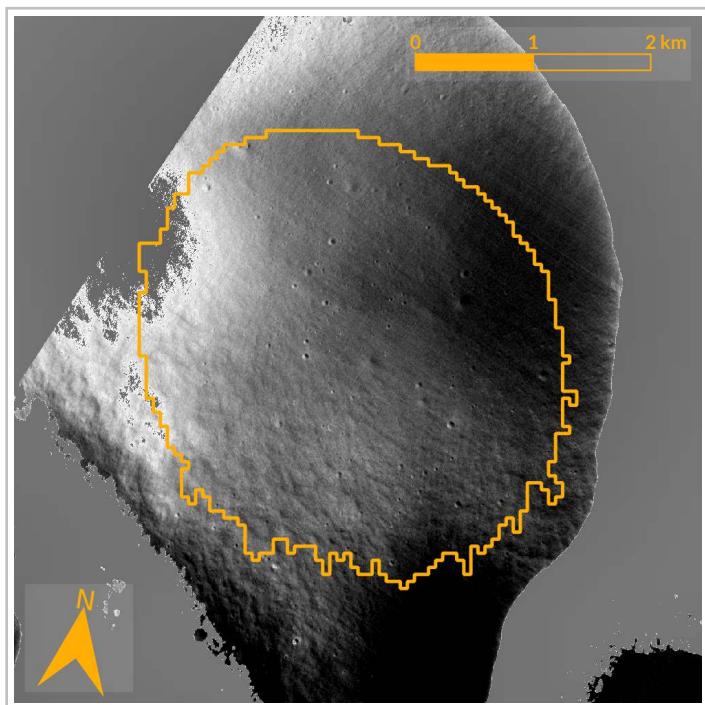
NP_851610_3509540_WAC_Color_Shade_context



NP_851610_3509540_2013-059



NP_851610_3509540_2014-049



NP_851610_3509540_2015-011

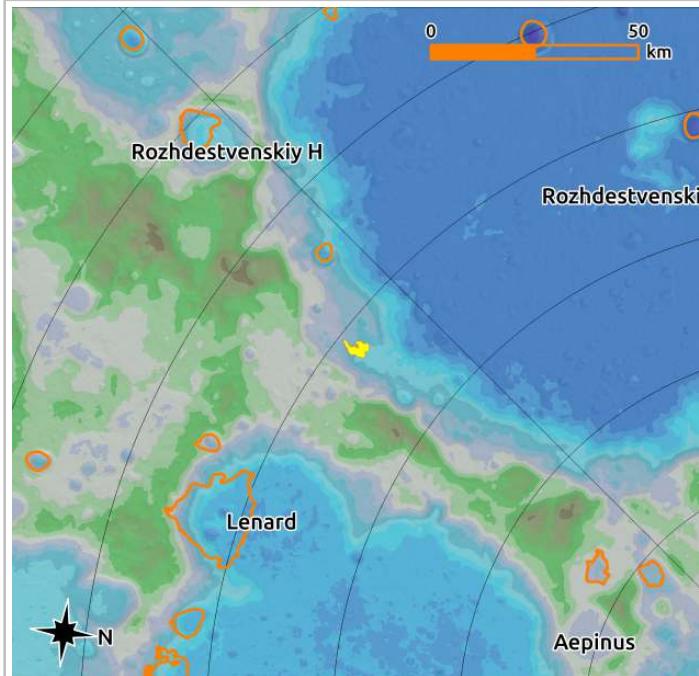
NP_851760_2319030

Lunar Features: Rozhdestvenskiy Crater,, Lenard Crater
Centroid Latitude: 85.176
Centroid Longitude: 231.903
Area (km²): 14.35
Perimeter (km): 38.28
Pixel Scale Range (m): 8-8
Coverage (%): 100

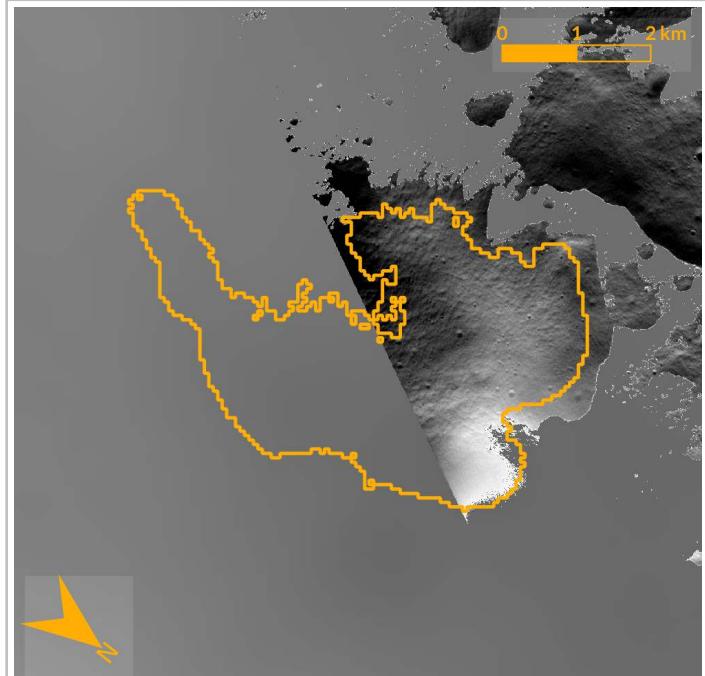
Features of Interest:

Notes:

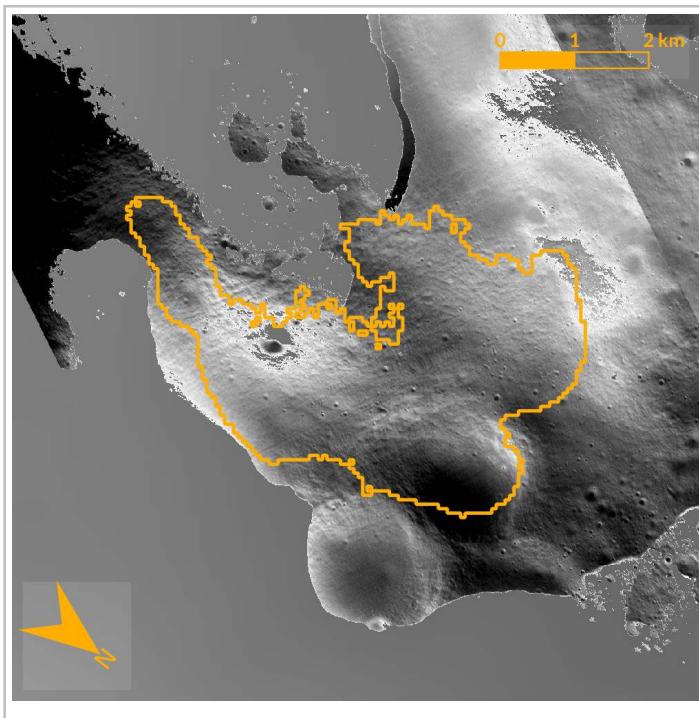
Image Lists: lroc.sese.asu.edu/psr/NP_851760_2319030



NP_851760_2319030_WAC_Color_Shade_context



NP_851760_2319030_2014-058

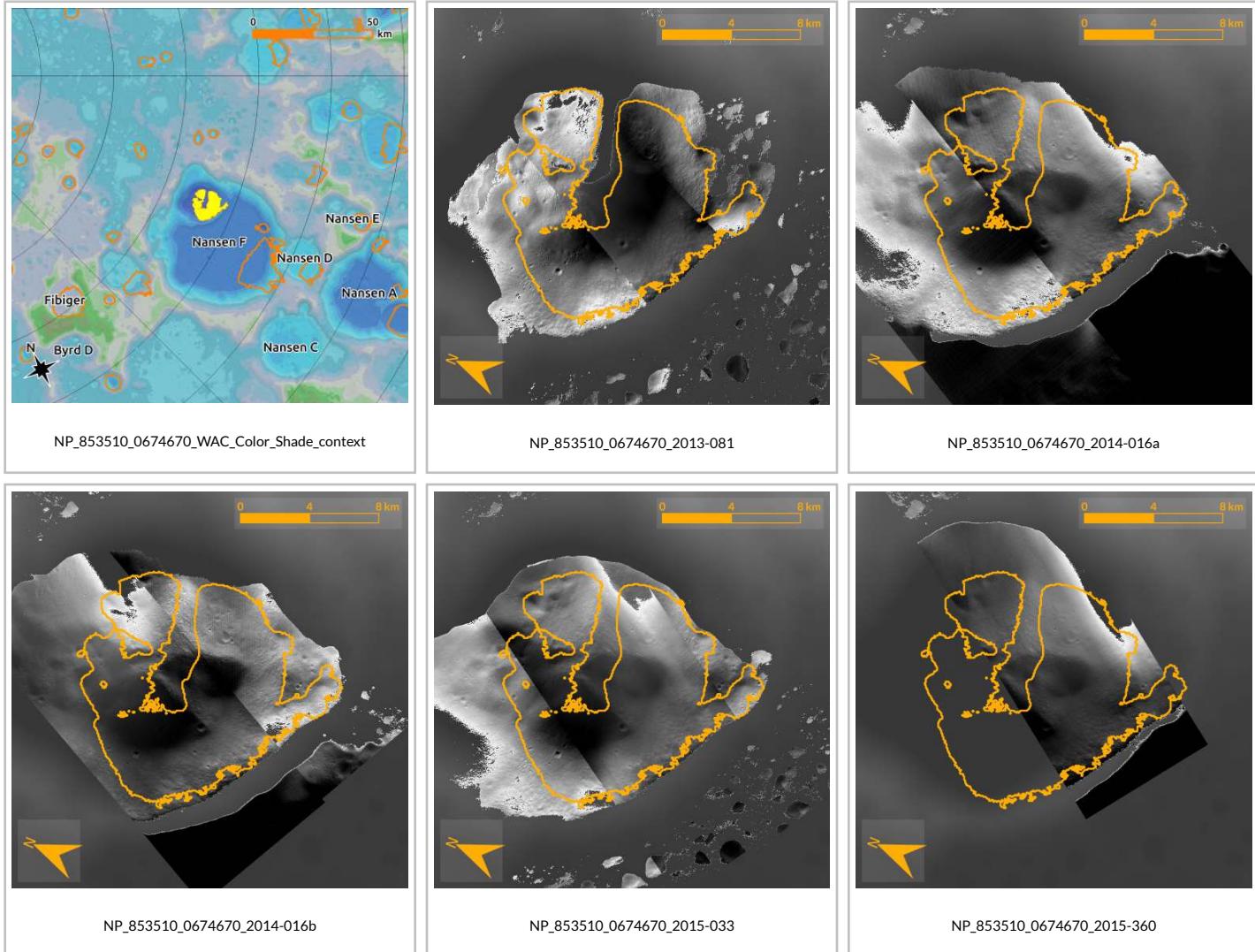


NP_851760_2319030_2014-358

NP_853510_0674670

Lunar Features: Nansen F Crater
Centroid Latitude: 85.351
Centroid Longitude: 67.467
Area (km²): 109.91
Perimeter (km): 157.08
Pixel Scale Range (m): 8-20
Coverage (%): 100

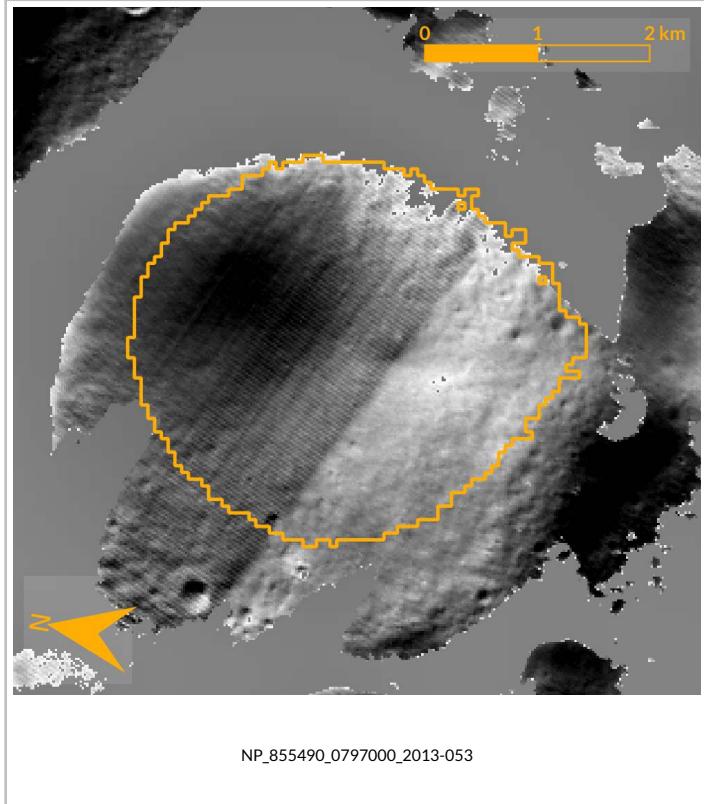
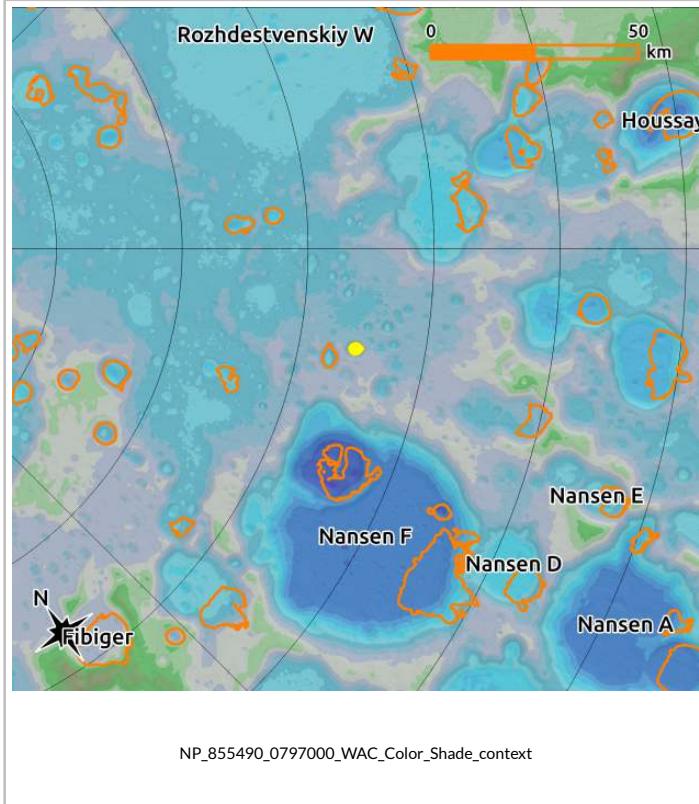
Features of Interest: 2013-081 (M1118619084L): 65.737, 85.434 (S4469 L4919) and 66.055, 85.385 (S4655 L4908) - cluster of craters
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_853510_0674670



NP_855490_0797000

Lunar Features: Nansen F Crater, Rozhdestvenskiy W Crater
Centroid Latitude: 85.549
Centroid Longitude: 79.7
Area (km²): 10.03
Perimeter (km): 16.92
Pixel Scale Range (m): 7-20
Coverage (%): 100

Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_855490_0797000



NP_855990_0492910

Lunar Features: Fibiger Crater, Byrd D Satellite Feature, Byrd C Satellite

Feature

Centroid Latitude: 85.599

Centroid Longitude: 49.291

Area (km²): 78.12

Perimeter (km): 78.36

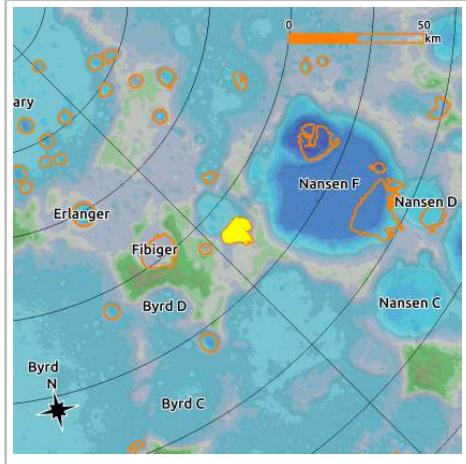
Pixel Scale Range (m): 8-20

Coverage (%): 100

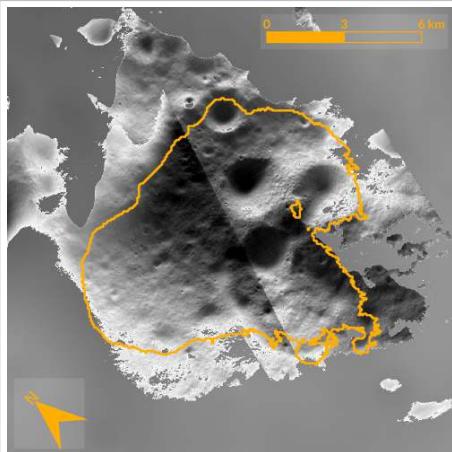
Features of Interest:

Notes:

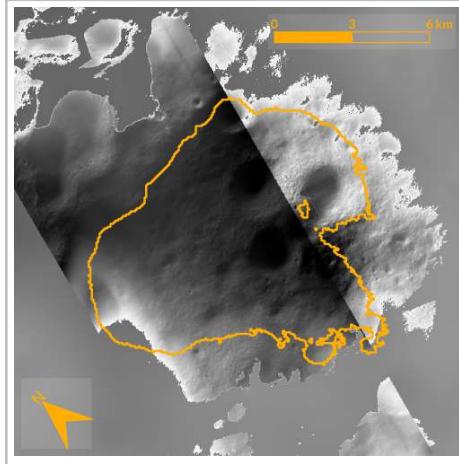
Image Lists: lroc.sese.asu.edu/psr/NP_855990_0492910



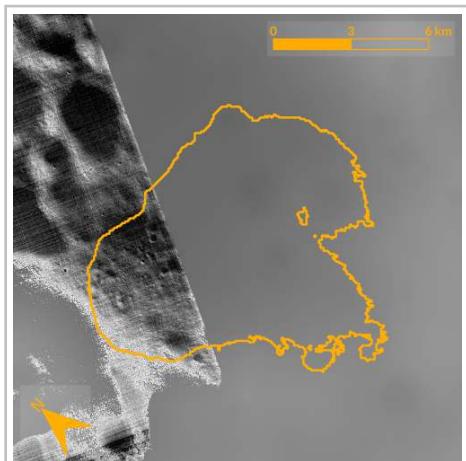
NP_855990_0492910_WAC_Color_Shade_context



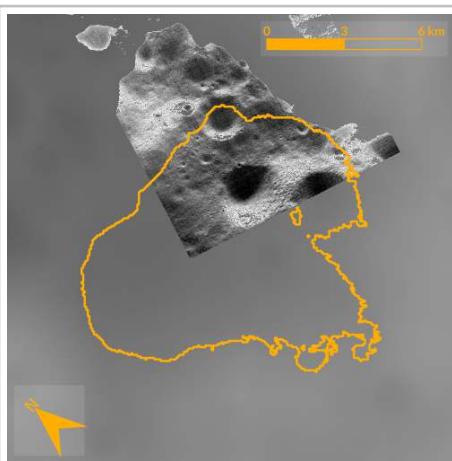
NP_855990_0492910_2013-055



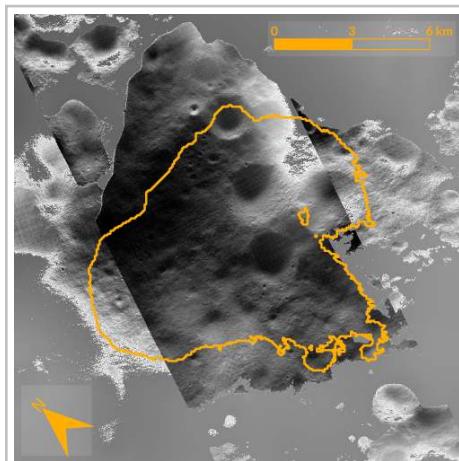
NP_855990_0492910_2013-082



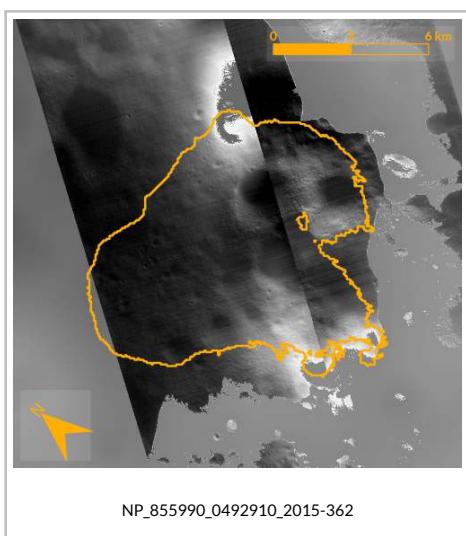
NP_855990_0492910_2014-018



NP_855990_0492910_2014-044



NP_855990_0492910_2014-045

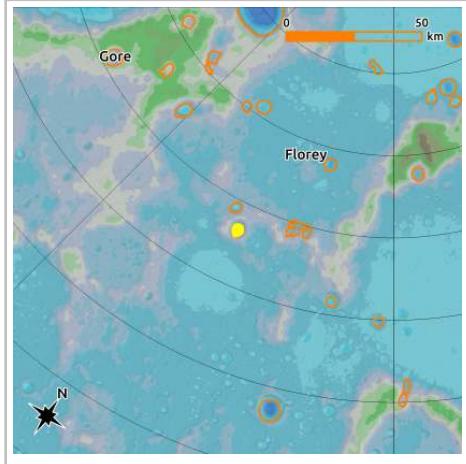


NP_855990_0492910_2015-362

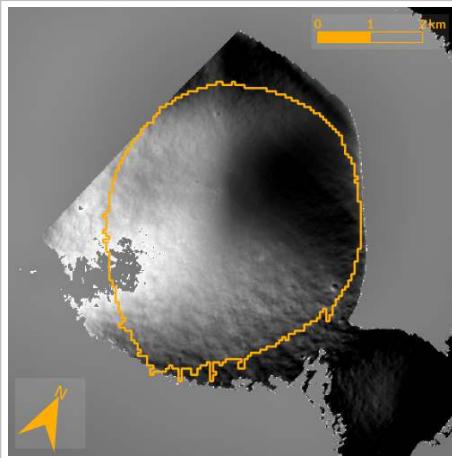
NP_856560_3340420

Lunar Features: Florey Crater,
Centroid Latitude: 85.656
Centroid Longitude: 334.042
Area (km²): 20.94
Perimeter (km): 24.96
Pixel Scale Range (m): 8-20
Coverage (%): 100

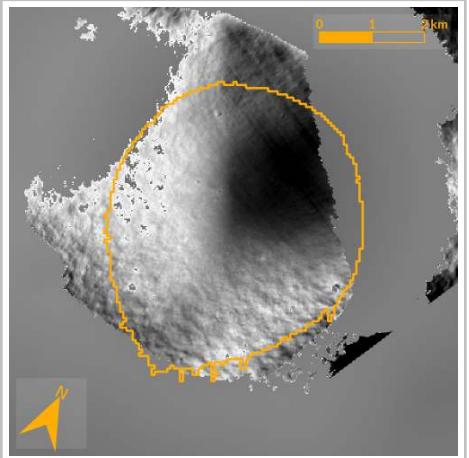
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_856560_3340420



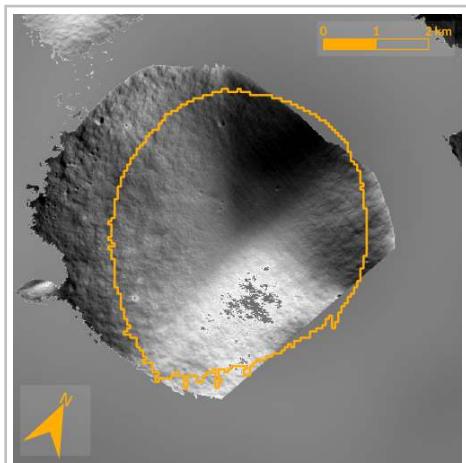
NP_856560_3340420_WAC_Color_Shade_context



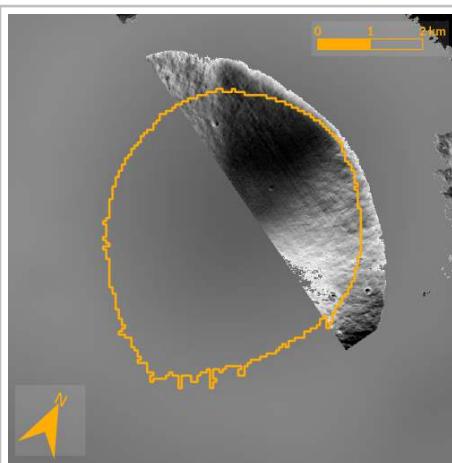
NP_856560_3340420_2013-060



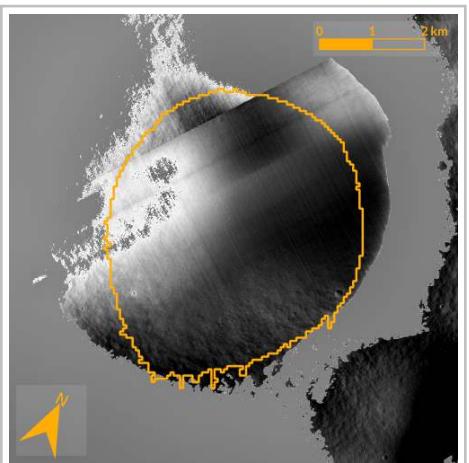
NP_856560_3340420_2013-061



NP_856560_3340420_2013-088



NP_856560_3340420_2013-089

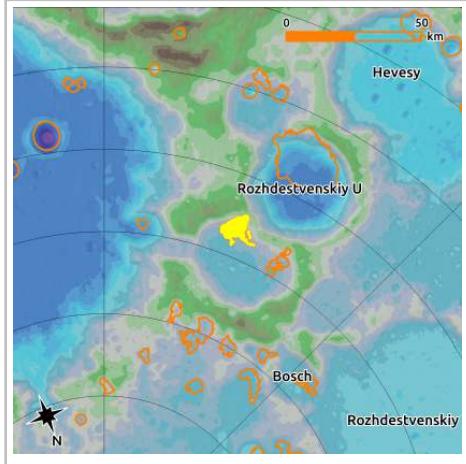


NP_856560_3340420_2014-051

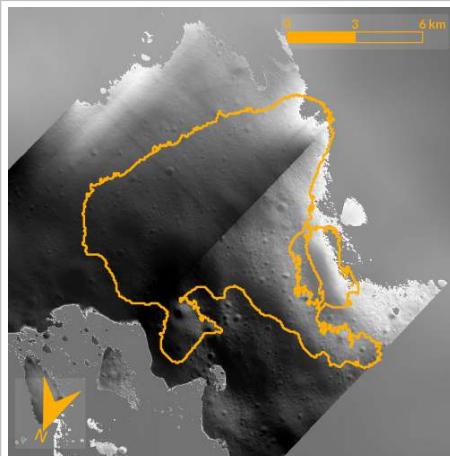
NP_856680_1580550

Lunar Features: Rozhdestvenskiy U Crater,, Rozhdestvenskiy Crater
Centroid Latitude: 85.668
Centroid Longitude: 158.055
Area (km²): 87.10
Perimeter (km): 113.88
Pixel Scale Range (m): 10-20
Coverage (%): 100

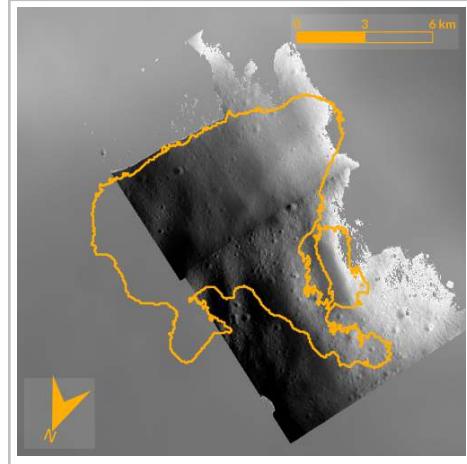
Features of Interest:
Notes: Heavily cratered
Image Lists: lroc.sese.asu.edu/psr/NP_856680_1580550



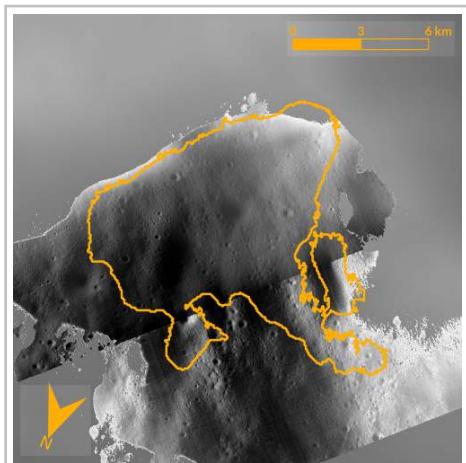
NP_856680_1580550_WAC_Color_Shade_context



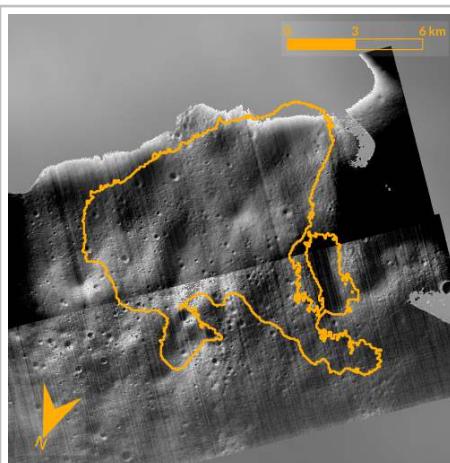
NP_856680_1580550_2013-074



NP_856680_1580550_2014-037



NP_856680_1580550_2015-027



NP_856680_1580550_2015-355

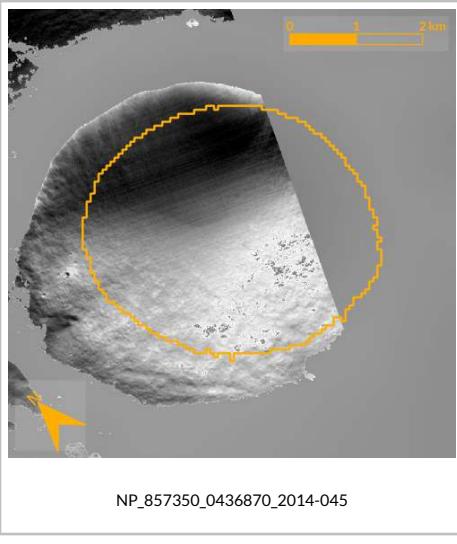
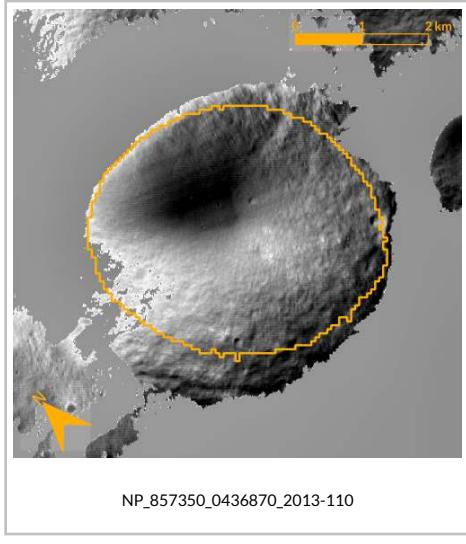
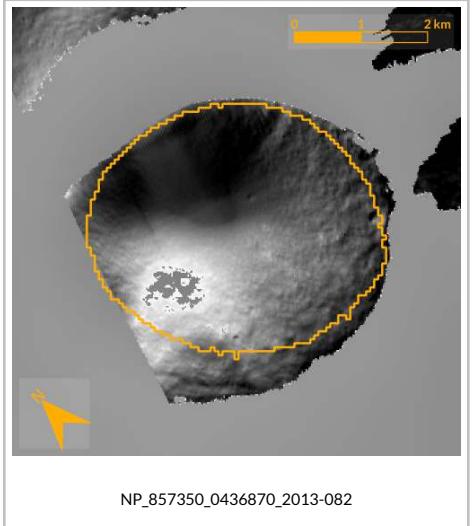
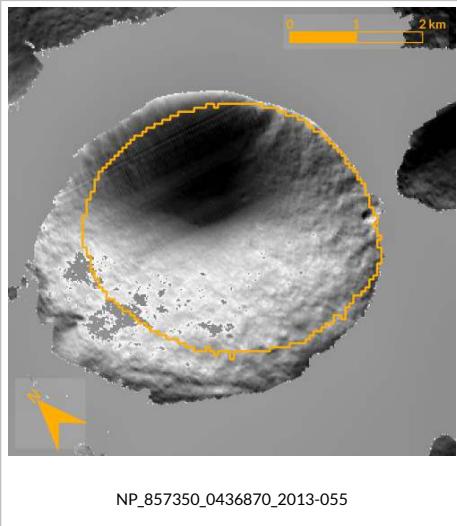
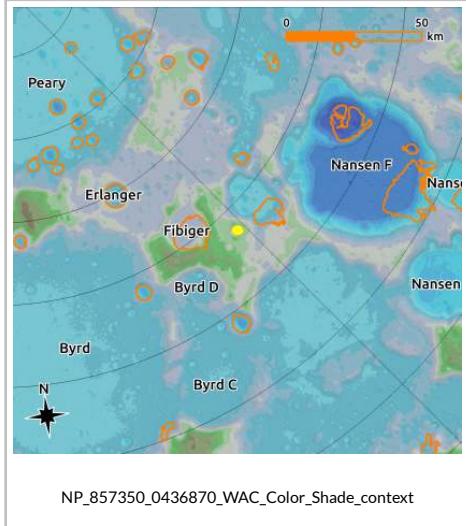
NP_857350_0436870

Lunar Features: Nansen F Crater, Fibiger Crater
Centroid Latitude: 85.735
Centroid Longitude: 43.687
Area (km²): 12.90
Perimeter (km): 17.4
Pixel Scale Range (m): 2-20
Coverage (%): 100

Features of Interest:

Notes:

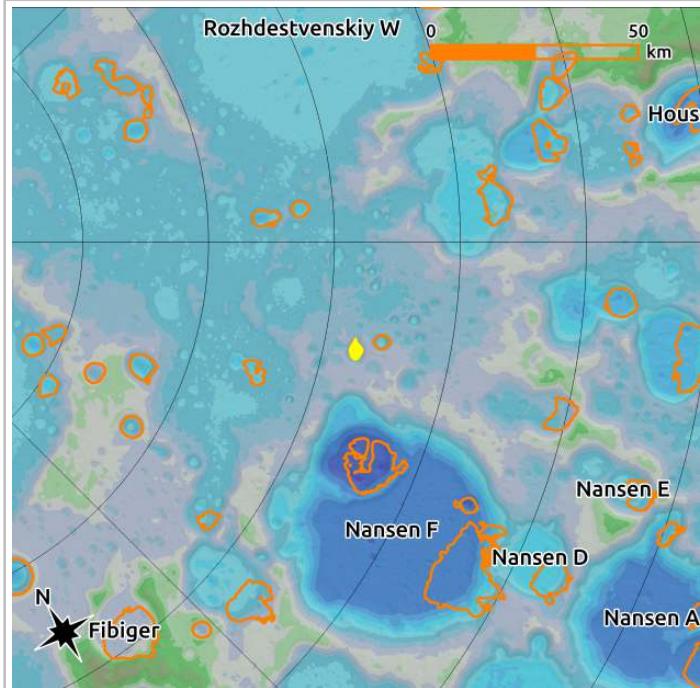
Image Lists: lroc.sese.asu.edu/psr/NP_857350_0436870



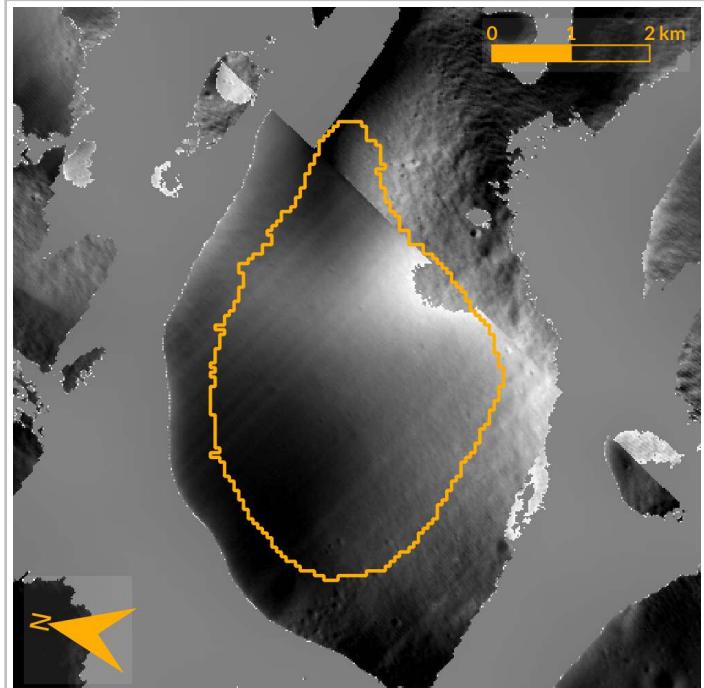
NP_857430_0783580

Lunar Features: Nansen F Crater, Rozhdestvenskiy W Crater
Centroid Latitude: 85.743
Centroid Longitude: 78.358
Area (km²): 13.65
Perimeter (km): 20.28
Pixel Scale Range (m): 7-20
Coverage (%): 50

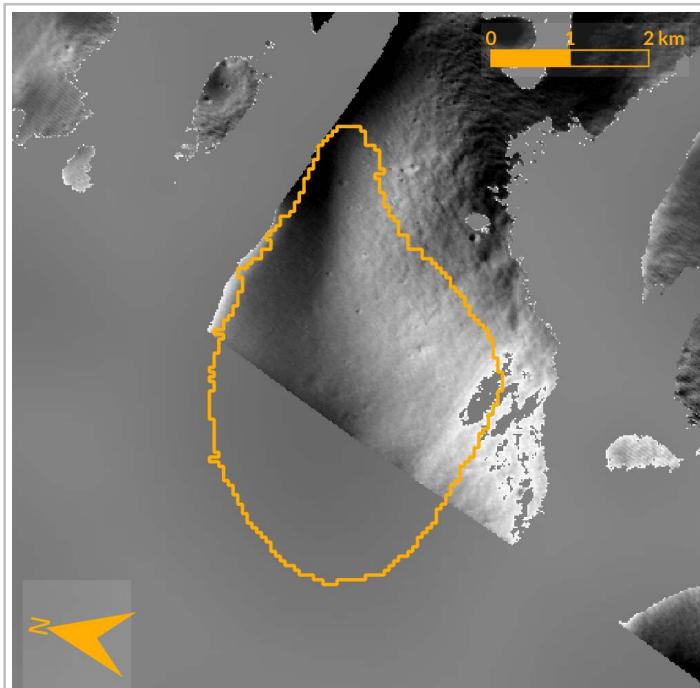
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_857430_0783580



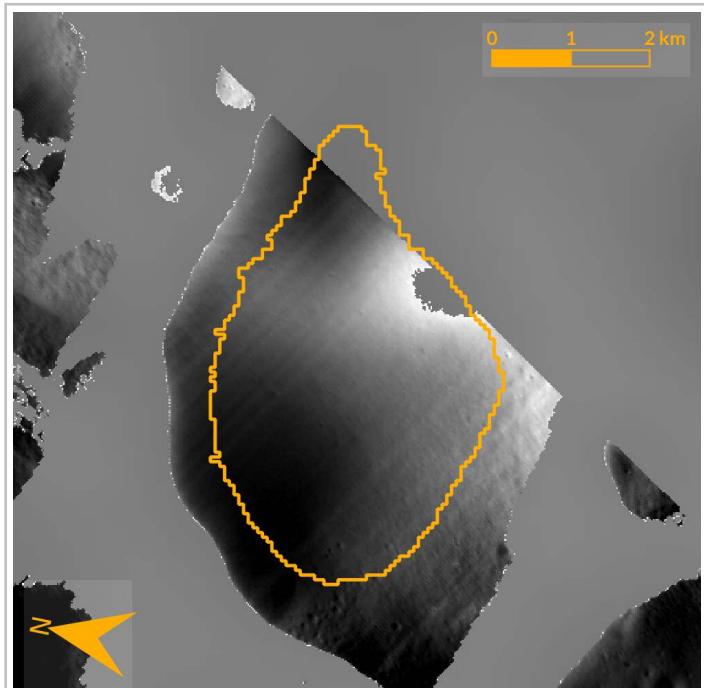
NP_857430_0783580_WAC_Color_Shade_context



NP_857430_0783580_full



NP_857430_0783580_2013-053

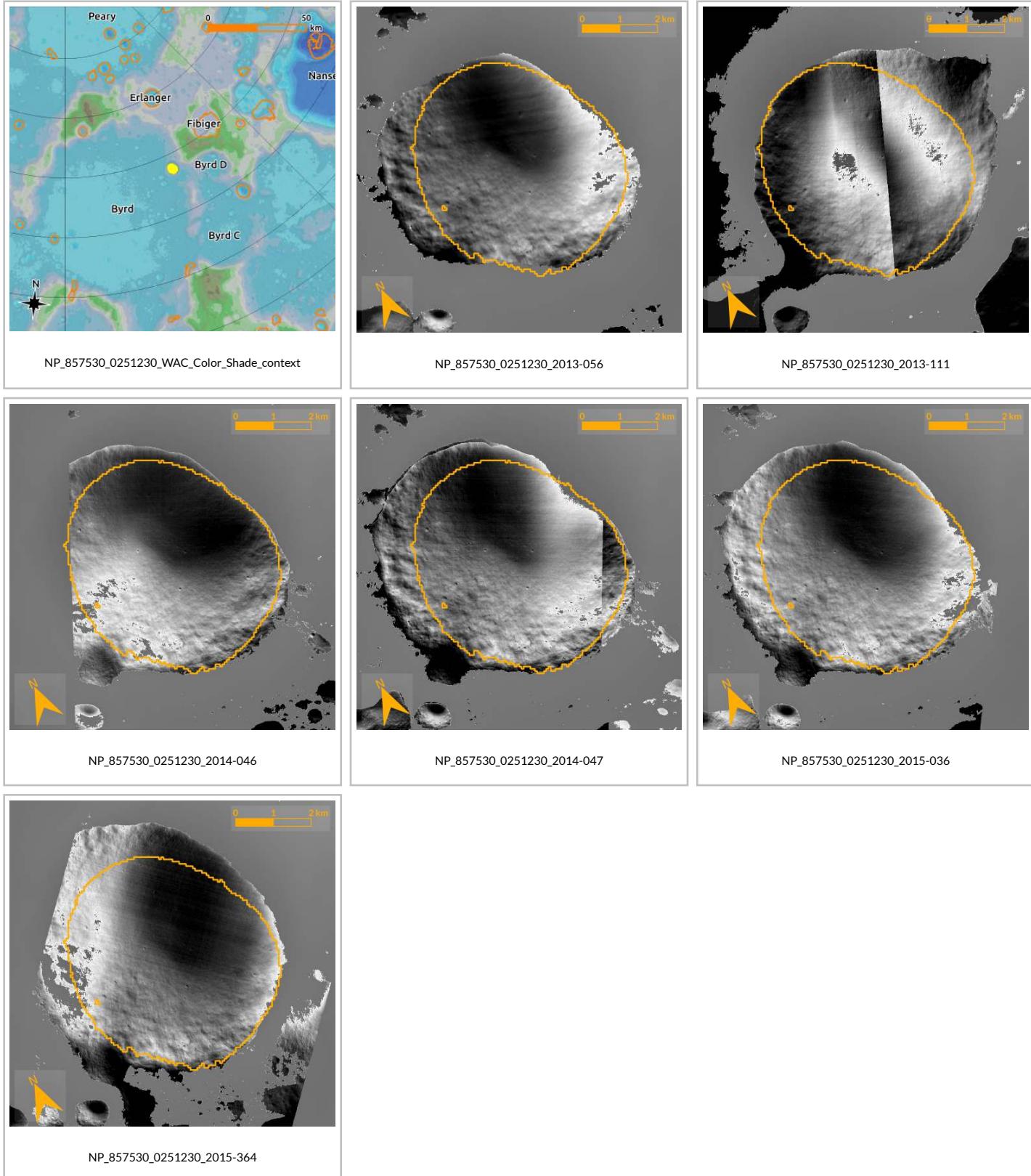


NP_857430_0783580_2013-108

NP_857530_0251230

Lunar Features: Byrd Crater
Centroid Latitude: 85.753
Centroid Longitude: 25.123
Area (km²): 23.84
Perimeter (km): 24.96
Pixel Scale Range (m): 2-20
Coverage (%): 100

Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_857530_0251230



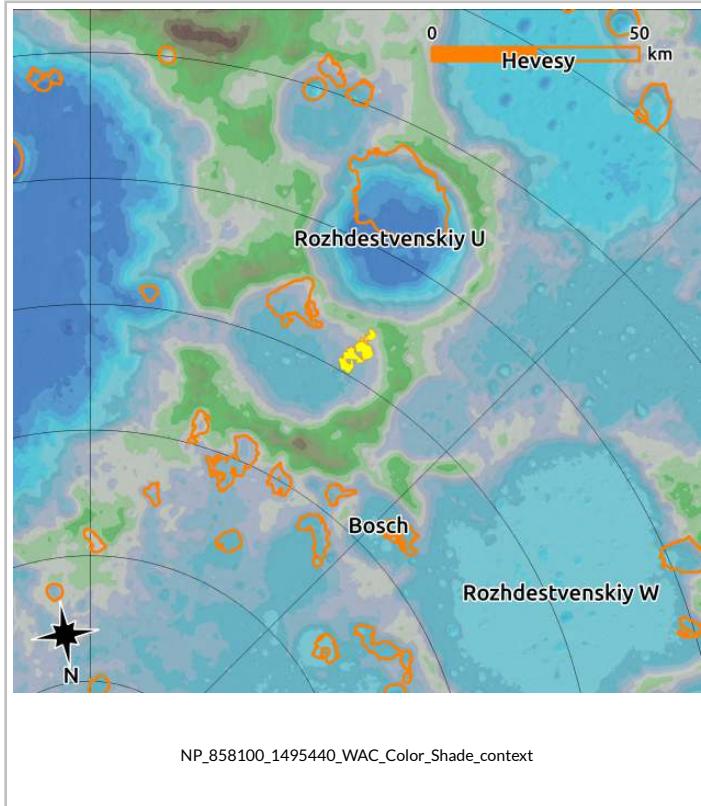
NP_858100_1495440

Lunar Features: Rozhdestvenskiy U Crater, Bosch Crater
Centroid Latitude: 85.81
Centroid Longitude: 149.544
Area (km²): 35.01
Perimeter (km): 105.96
Pixel Scale Range (m): 20-20
Coverage (%): 80

Features of Interest:

Notes:

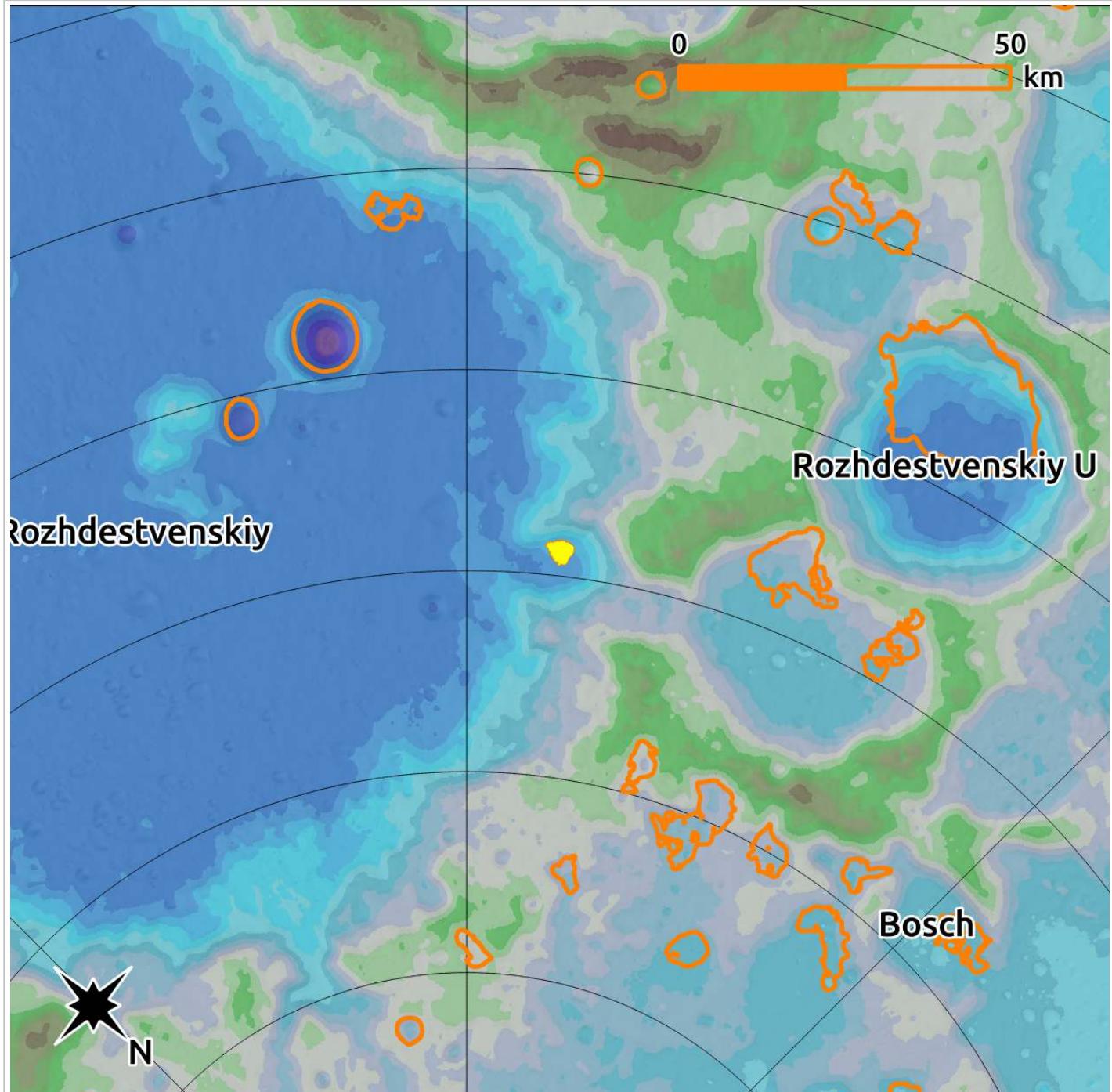
Image Lists: lroc.sese.asu.edu/psr/NP_858100_1495440



NP_858780_1734850

Lunar Features: Rozhdestvenskiy Crater
Centroid Latitude: 85.878
Centroid Longitude: 173.485
Area (km²): 10.77
Perimeter (km): 26.28
Pixel Scale Range (m): -
Coverage (%): 0

Features of Interest:
Notes: No images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/NP_858780_1734850

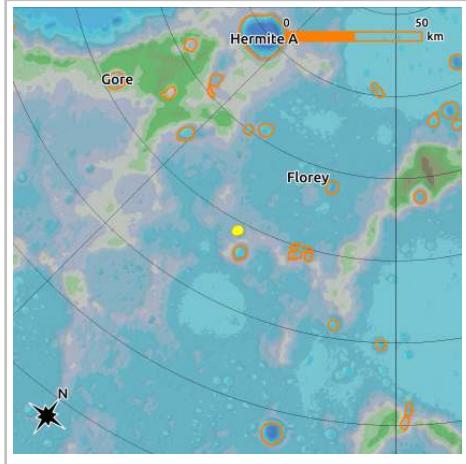


NP_858780_1734850_WAC_Color_Shade_context

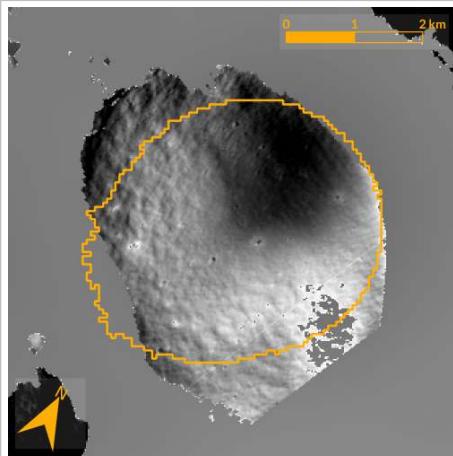
NP_858910_3320900

Lunar Features: Florey Crater,
Centroid Latitude: 85.891
Centroid Longitude: 332.09
Area (km²): 12.94
Perimeter (km): 18.48
Pixel Scale Range (m): 3-20
Coverage (%): 100

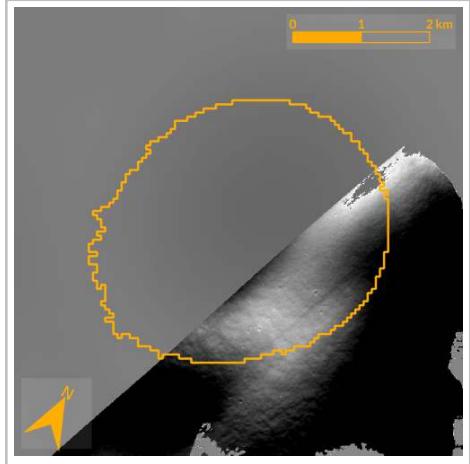
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_858910_3320900



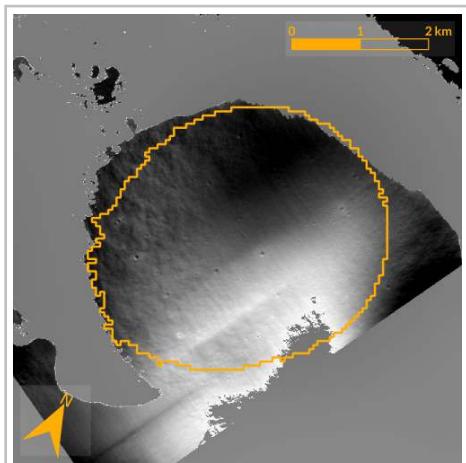
NP_858910_3320900_WAC_Color_Shade_context



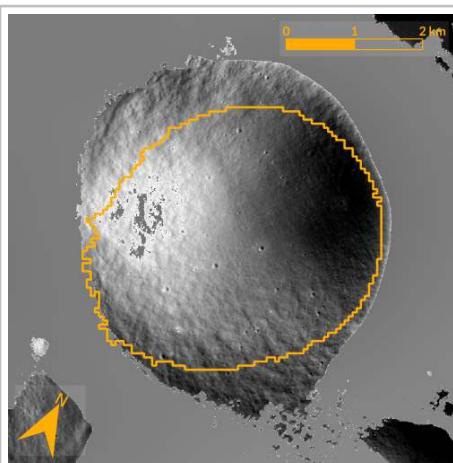
NP_858910_3320900_2013-061



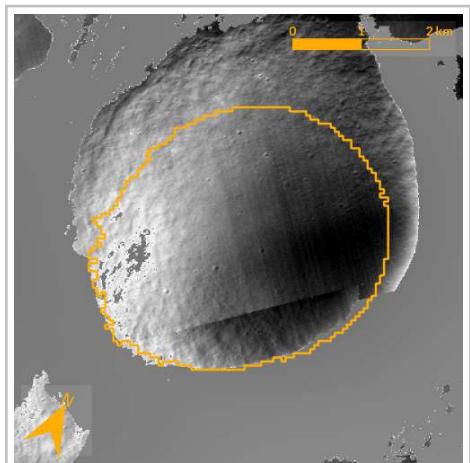
NP_858910_3320900_2013-088



NP_858910_3320900_2013-089



NP_858910_3320900_2014-051

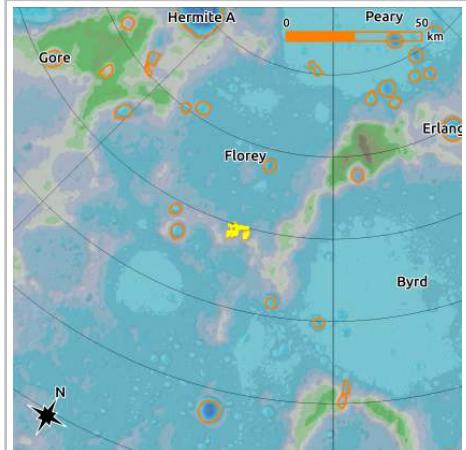


NP_858910_3320900_2015-014

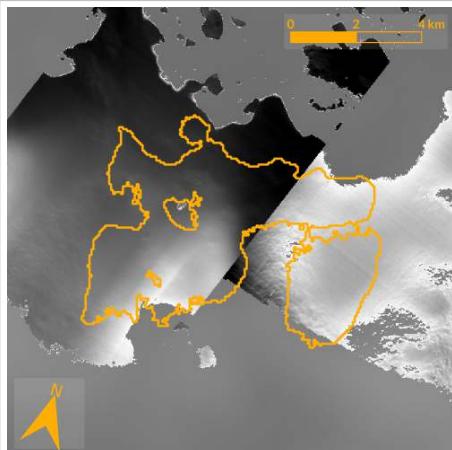
NP_859310_3434010

Lunar Features: Florey Crater,
Centroid Latitude: 85.931
Centroid Longitude: 343.401
Area (km²): 33.69
Perimeter (km): 80.52
Pixel Scale Range (m): 2-20
Coverage (%): 80

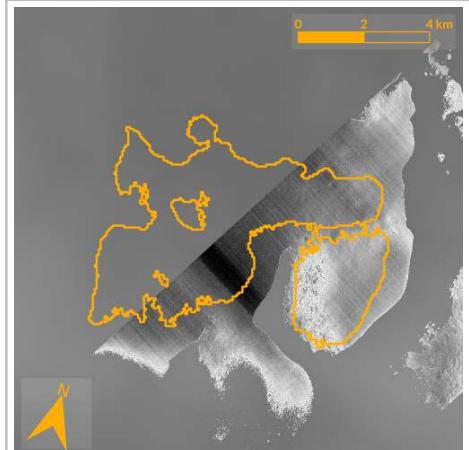
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_859310_3434010



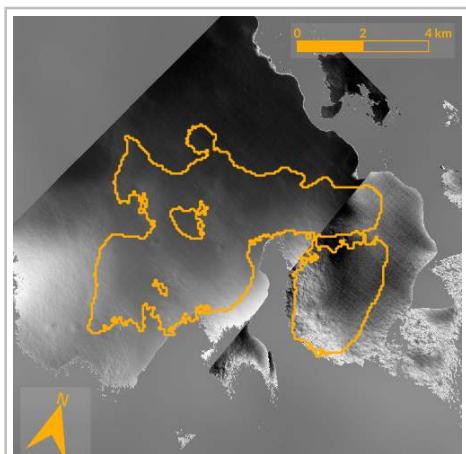
NP_859310_3434010_WAC_Color_Shade_context



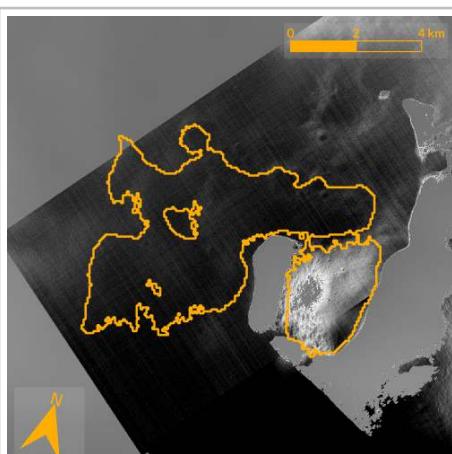
NP_859310_3434010_2013-087



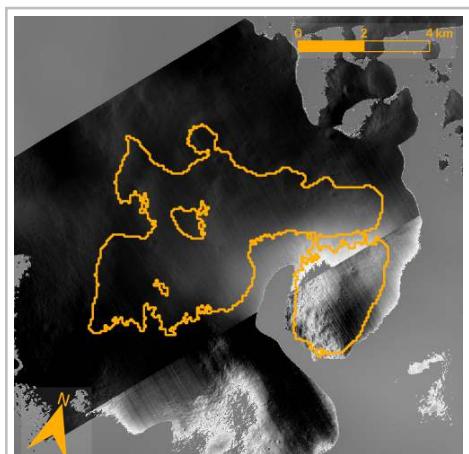
NP_859310_3434010_2014-023



NP_859310_3434010_2014-050



NP_859310_3434010_2014-351

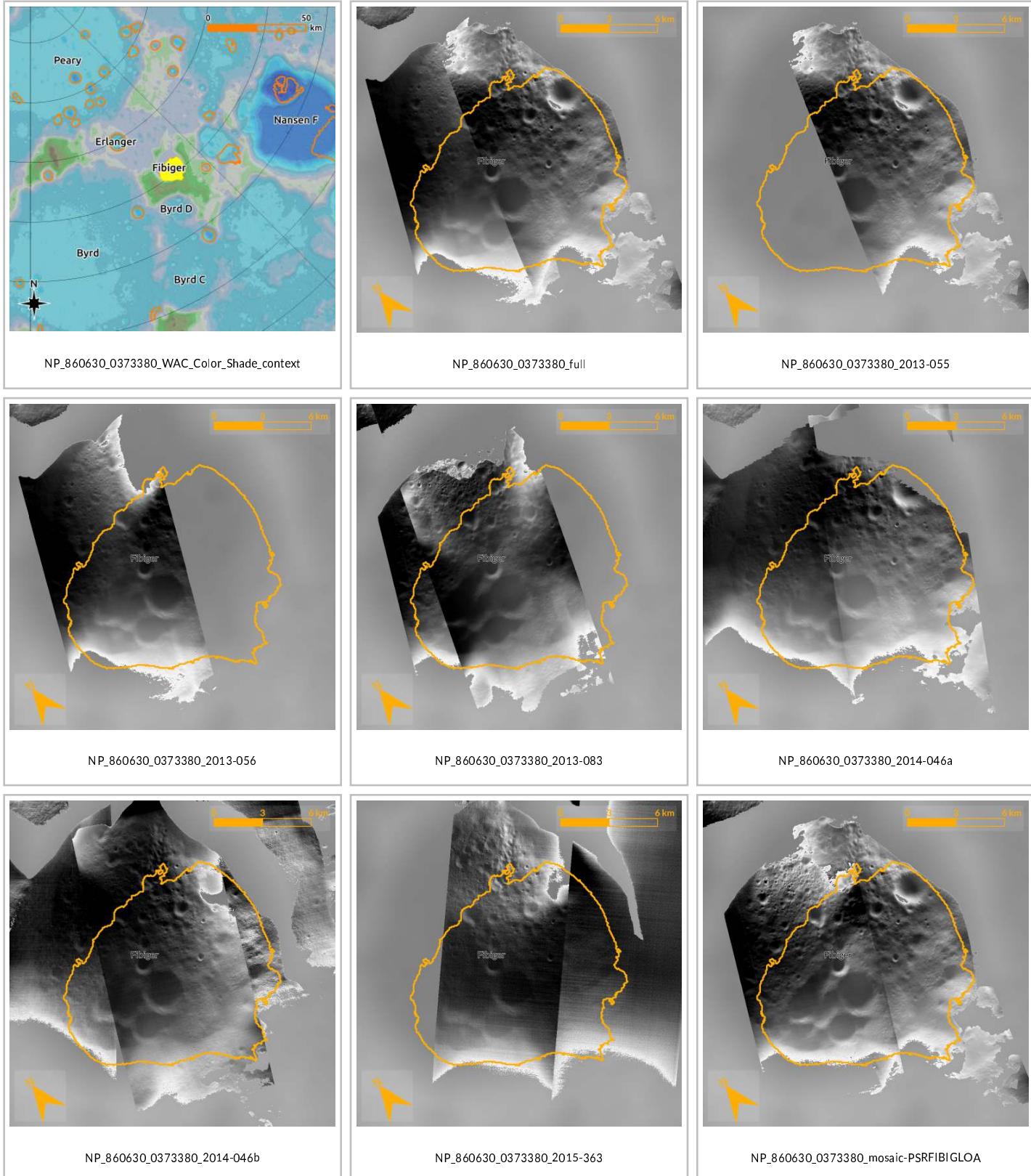


NP_859310_3434010_2015-013

NP_860630_0373380

Lunar Features: Fibiger Crater
Centroid Latitude: 86.063
Centroid Longitude: 37.338
Area (km²): 120.17
Perimeter (km): 71.88
Pixel Scale Range (m): 2-20
Coverage (%): 100

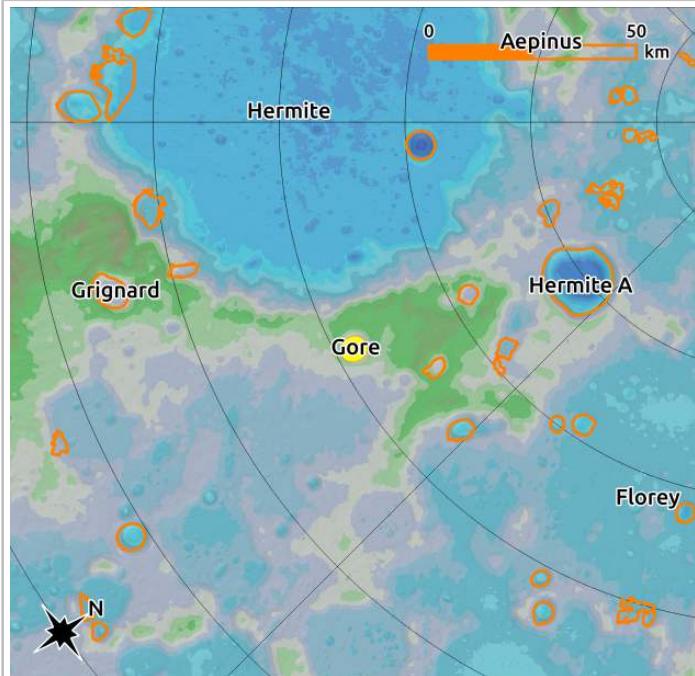
Features of Interest:
Notes: Heavily cratered
Image Lists: lroc.sese.asu.edu/psr/NP_860630_0373380



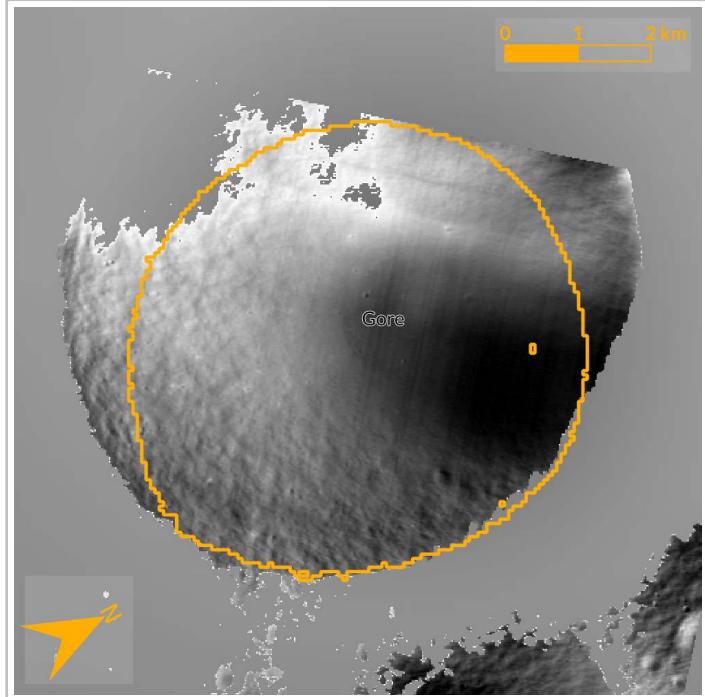
NP_861470_2979420

Lunar Features: Gore Crater,
Centroid Latitude: 86.147
Centroid Longitude: 297.942
Area (km²): 30.96
Perimeter (km): 27.6
Pixel Scale Range (m): 2-20
Coverage (%): 80

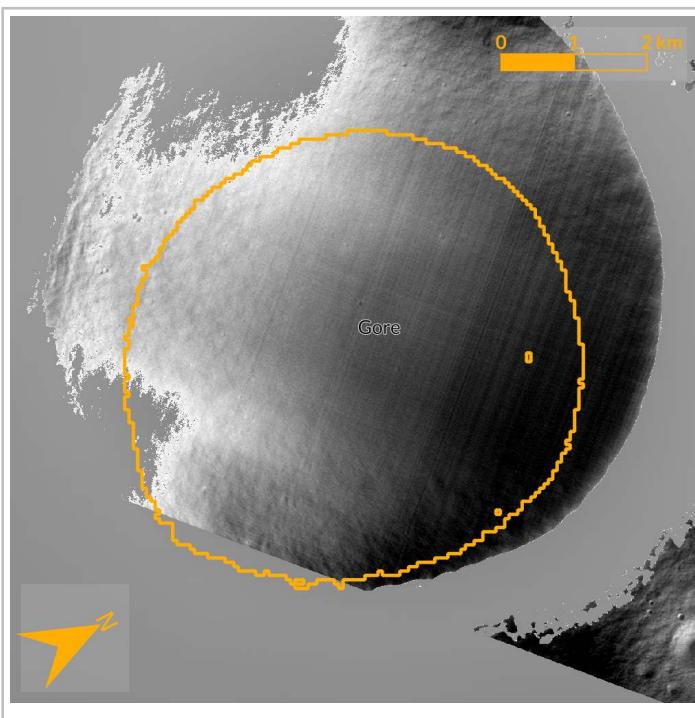
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_861470_2979420



NP_861470_2979420_WAC_Color_Shade_context



NP_861470_2979420_2013-065



NP_861470_2979420_2014-055

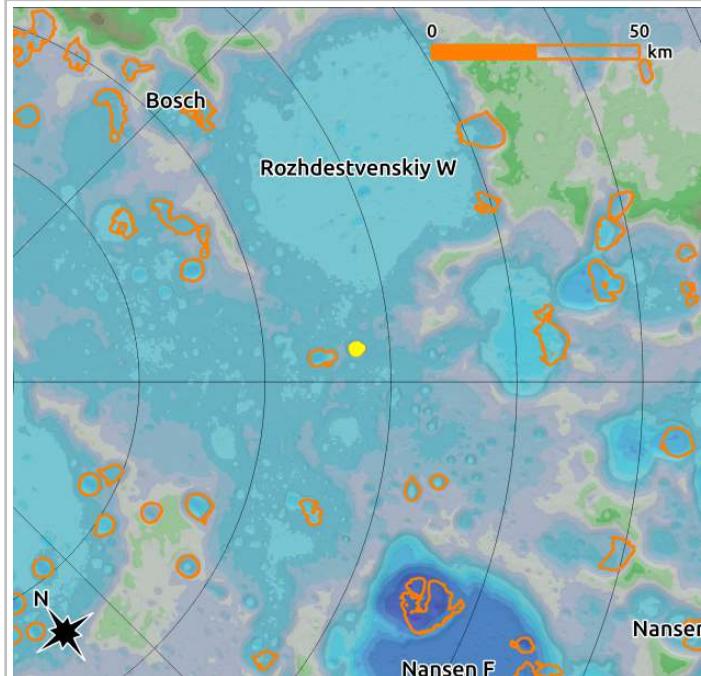
NP_862620_0940380

Lunar Features: Rozhdestvenskiy W Crater
Centroid Latitude: 86.262
Centroid Longitude: 94.038
Area (km²): 11.83
Perimeter (km): 16.92
Pixel Scale Range (m): 8-20
Coverage (%): 60

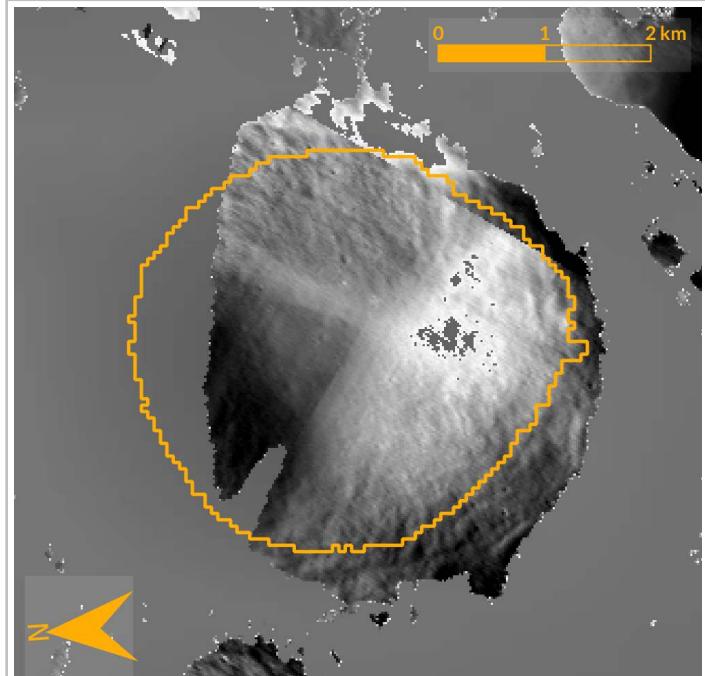
Features of Interest:

Notes:

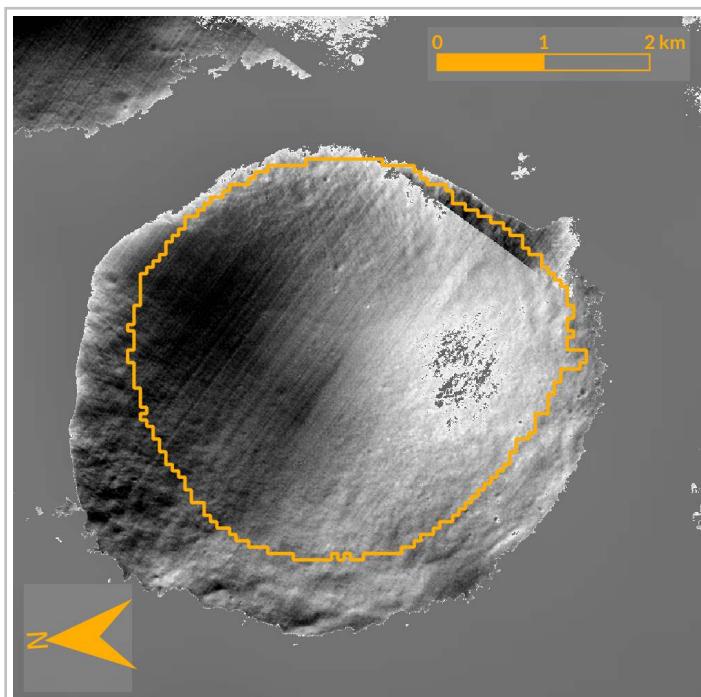
Image Lists: lroc.sese.asu.edu/psr/NP_862620_0940380



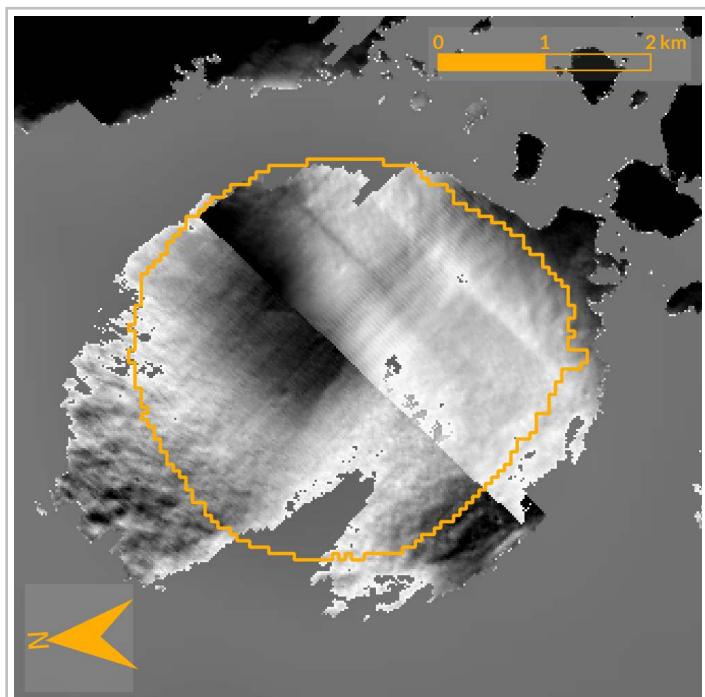
NP_862620_0940380_WAC_Color_Shade_context



NP_862620_0940380_2013-107



NP_862620_0940380_2014-042

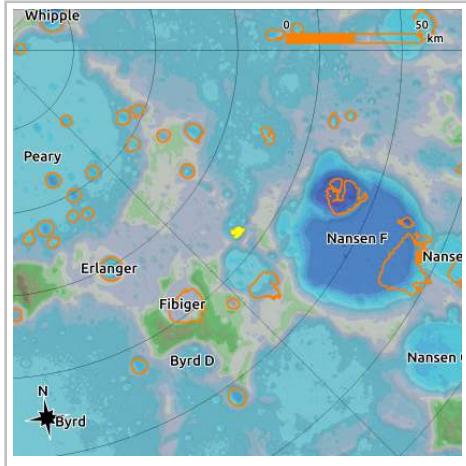


NP_862620_0940380_2015-032

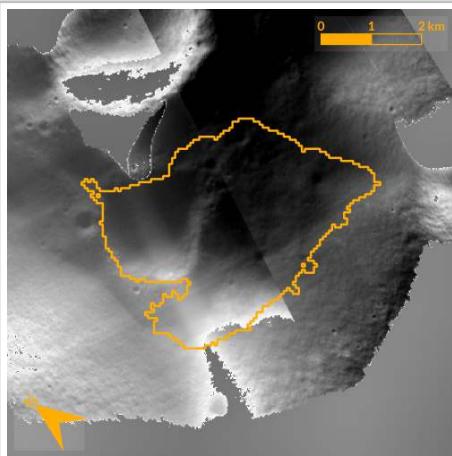
NP_862750_0536000

Lunar Features: Nansen F Crater, Peary Crater
Centroid Latitude: 86.275
Centroid Longitude: 53.6
Area (km²): 14.38
Perimeter (km): 27.12
Pixel Scale Range (m): 2-20
Coverage (%): 100

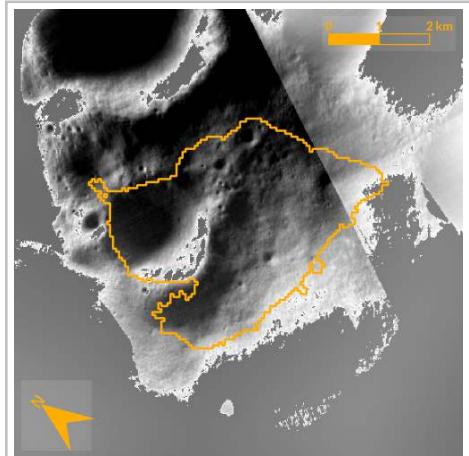
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_862750_0536000



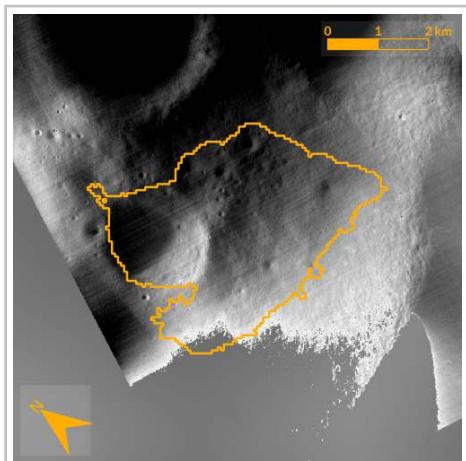
NP_862750_0536000_WAC_Color_Shade_context



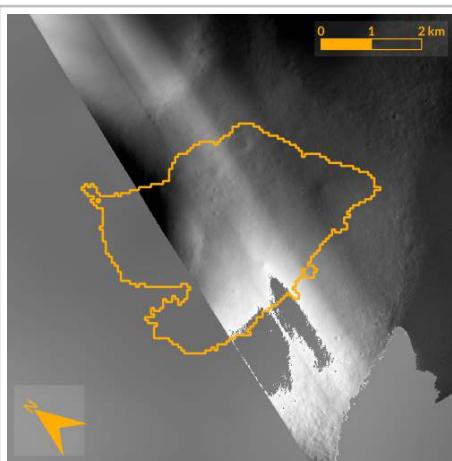
NP_862750_0536000_2013-055



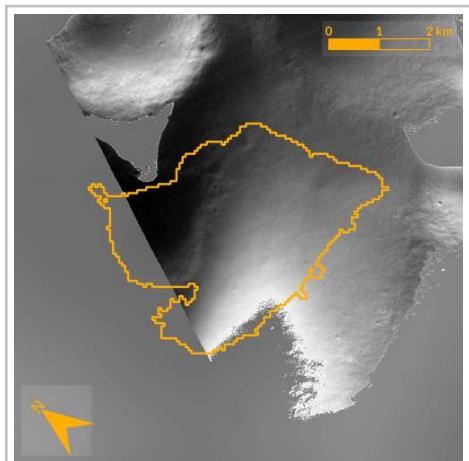
NP_862750_0536000_2013-082



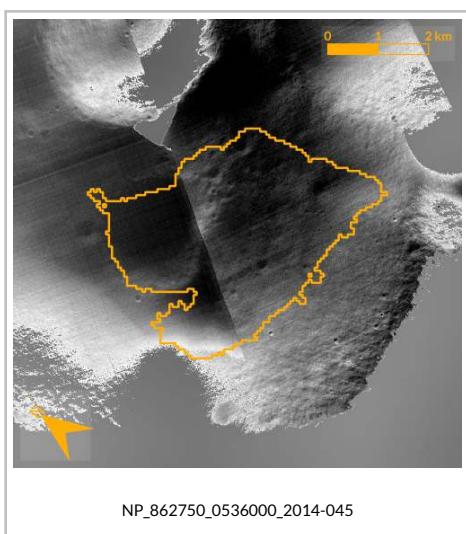
NP_862750_0536000_2013-109a



NP_862750_0536000_2013-109b



NP_862750_0536000_2014-044

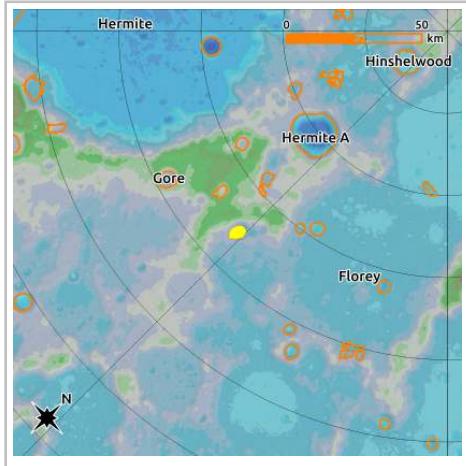


NP_862750_0536000_2014-045

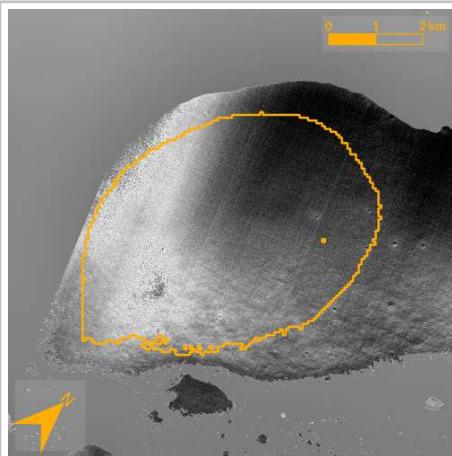
NP_864580_3138090

Lunar Features: Gore Crater, Hermite A Satellite Feature, Florey Crater
Centroid Latitude: 86.458
Centroid Longitude: 313.809
Area (km²): 24.75
Perimeter (km): 28.08
Pixel Scale Range (m): 2-20
Coverage (%): 80

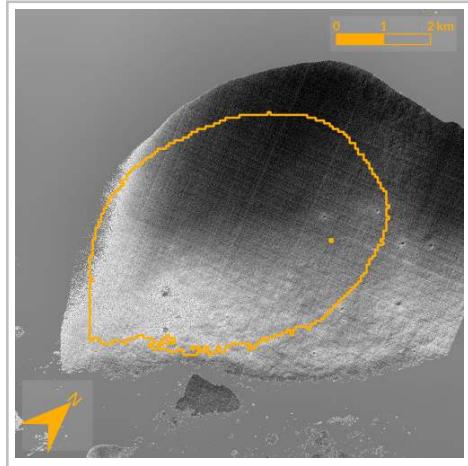
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_864580_3138090



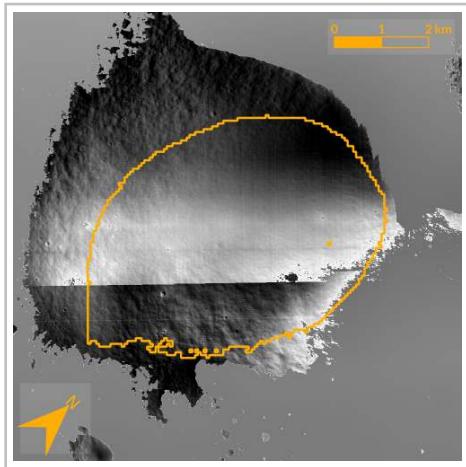
NP_864580_3138090_WAC_Color_Shade_context



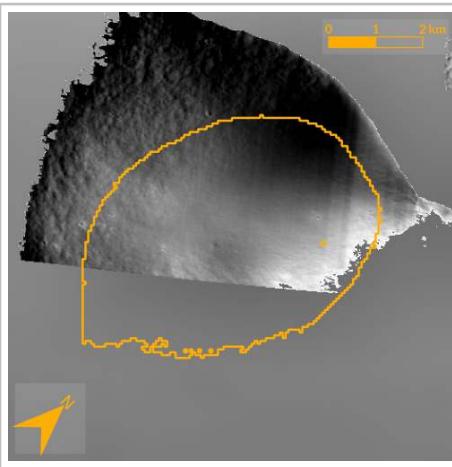
NP_864580_3138090_2012-075



NP_864580_3138090_2012-302



NP_864580_3138090_2013-091

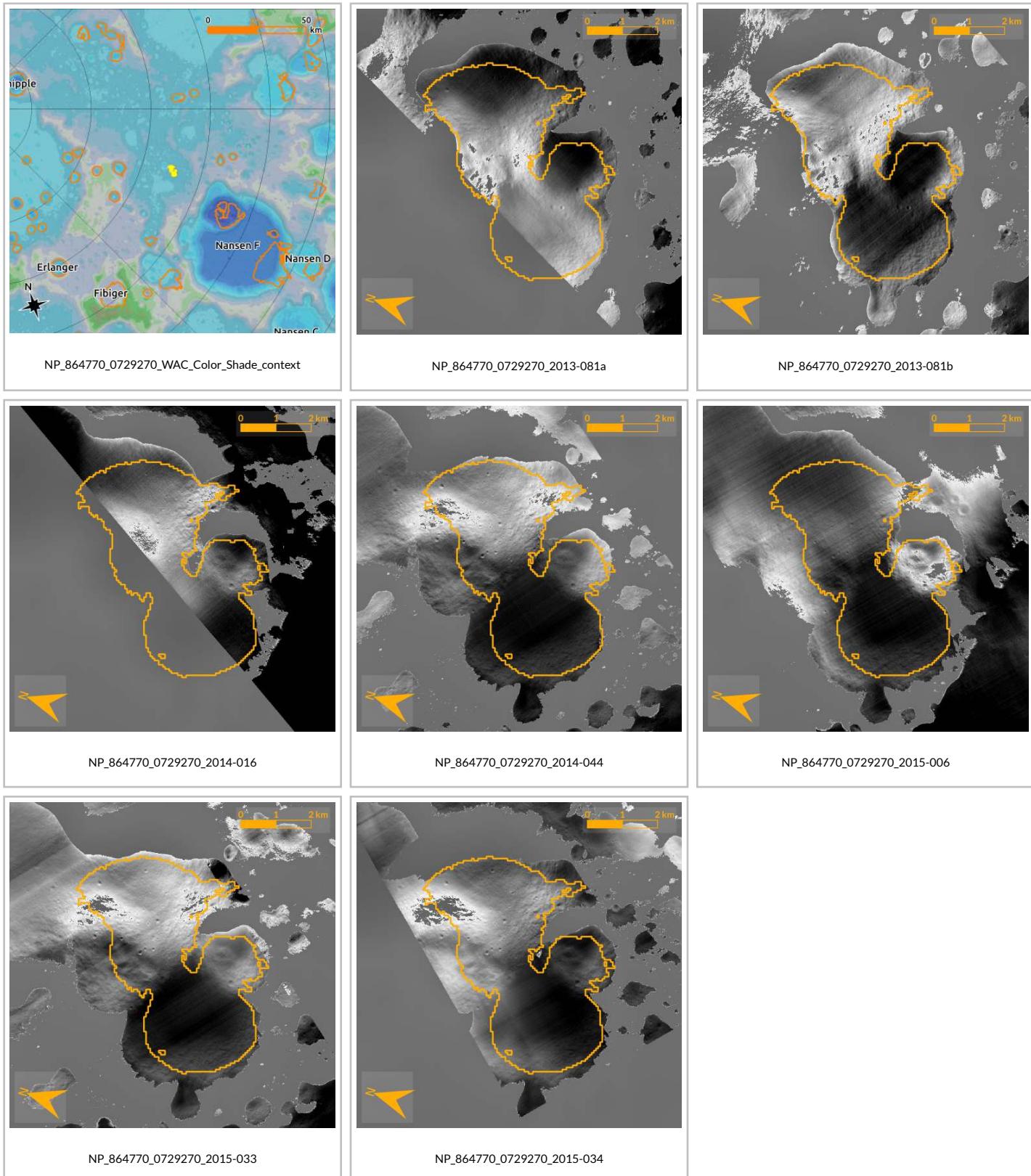


NP_864580_3138090_2013-092

NP_864770_0729270

Lunar Features: Nansen F Crater, Peary Crater
Centroid Latitude: 86.477
Centroid Longitude: 72.927
Area (km²): 18.65
Perimeter (km): 36.36
Pixel Scale Range (m): 7-11
Coverage (%): 100

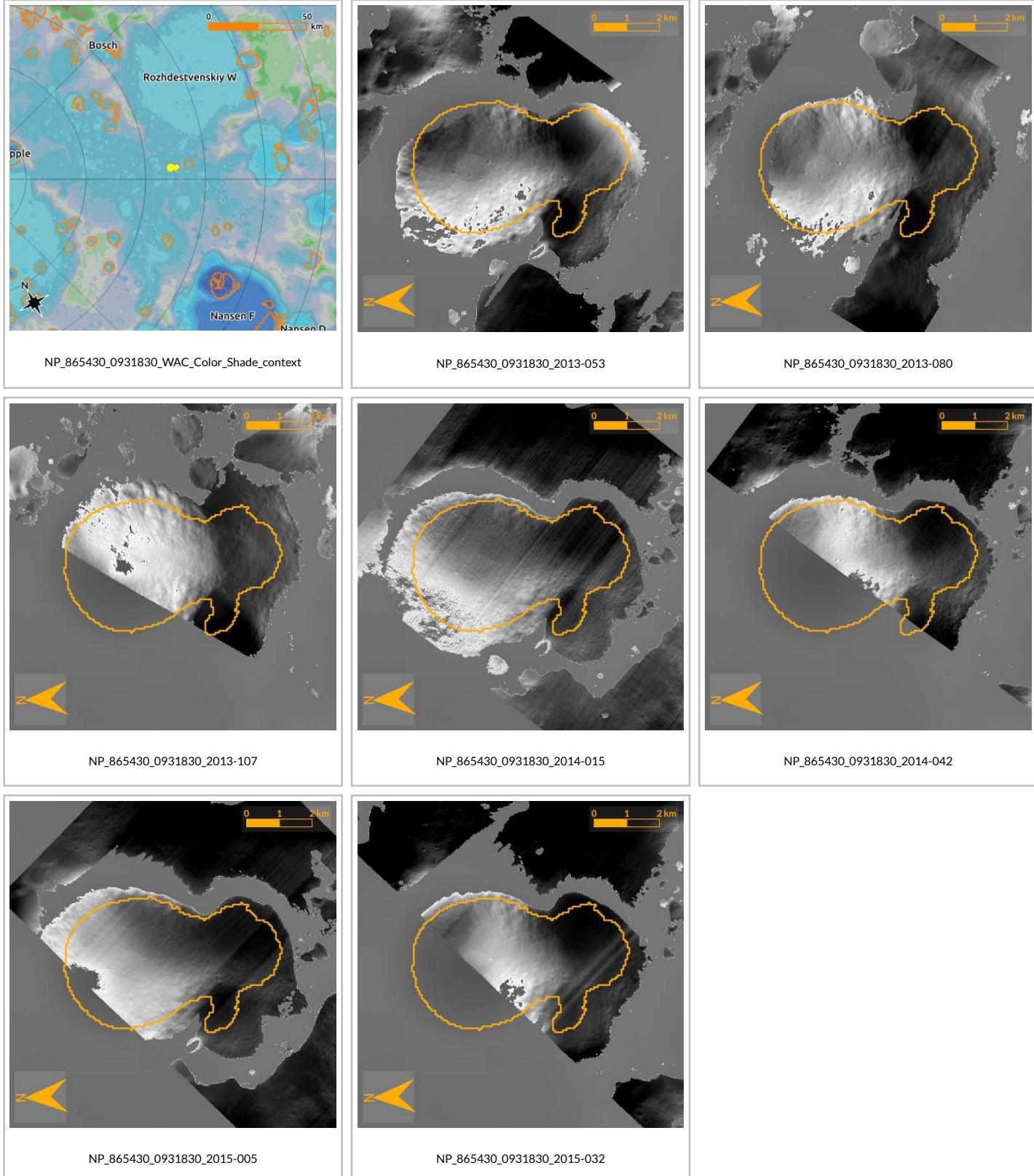
Features of Interest: 2015-033 (M1177551563L): 71.57, 86.418 (S1215 L1443), 72.308, 86.518 (S993 L1229), & 73.007, 86.406 (S1325 L1208) - high albedo crater walls
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_864770_0729270



NP_865430_0931830

Lunar Features: Rozhdestvenskiy W Crater
Centroid Latitude: 86.543
Centroid Longitude: 93.183
Area (km²): 19.70
Perimeter (km): 25.8
Pixel Scale Range (m): 8-20
Coverage (%): 100

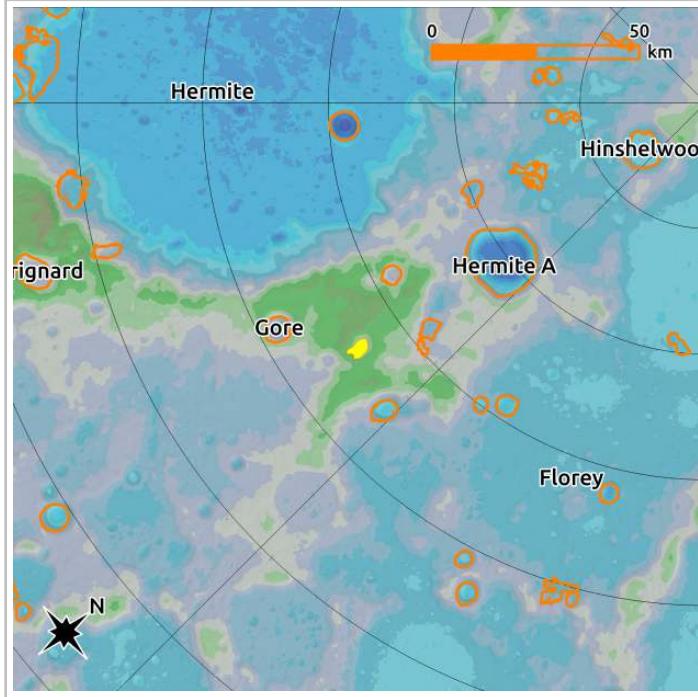
Features of Interest: 2013-053 (M1116168422R): 92.234, 86.561 (S894 L794) - high albedo crater wall & 93.192, 86.584 (S855 L717) - smooth crater floor
Notes:
[Image Lists: lroc.sese.asu.edu/psr/NP_865430_0931830](http://lroc.sese.asu.edu/psr/NP_865430_0931830)



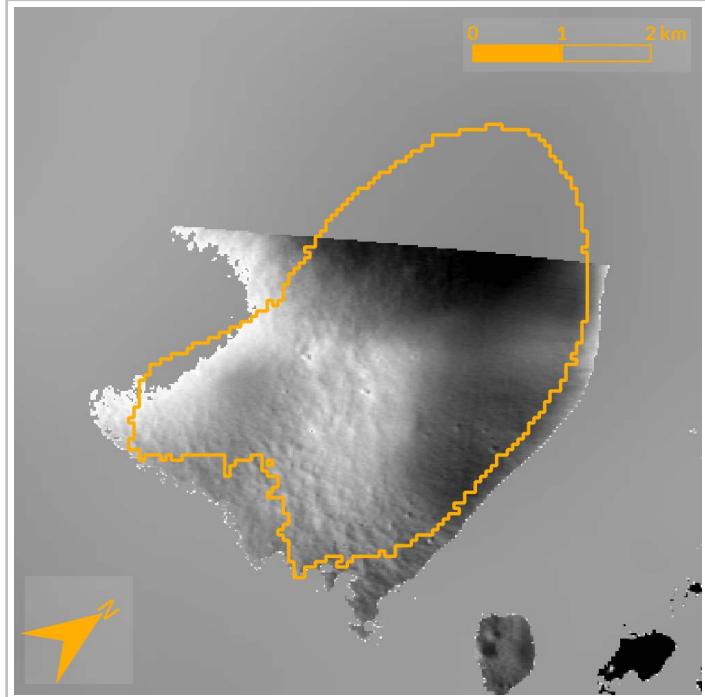
NP_866180_3053800

Lunar Features: Gore Crater, Florey Crater
Centroid Latitude: 86.618
Centroid Longitude: 305.38
Area (km²): 14.84
Perimeter (km): 23.28
Pixel Scale Range (m): 2-20
Coverage (%): 70

Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_866180_3053800



NP_866180_3053800_WAC_Color_Shade_context

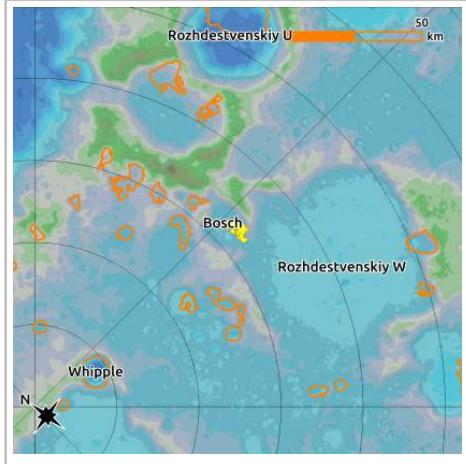


NP_866180_3053800_2013-092

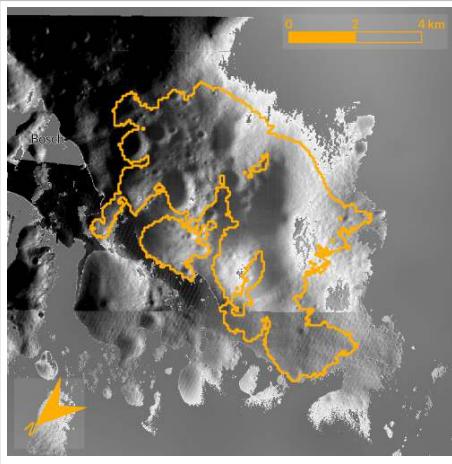
NP_867100_1311160

Lunar Features: Bosch Crater
Centroid Latitude: 86.71
Centroid Longitude: 131.116
Area (km²): 33.99
Perimeter (km): 96.6
Pixel Scale Range (m): 3-20
Coverage (%): 80

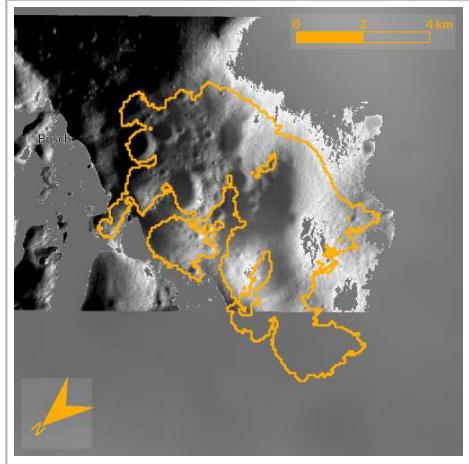
Features of Interest:
Notes: Re-image
Image Lists: lroc.sese.asu.edu/psr/NP_867100_1311160



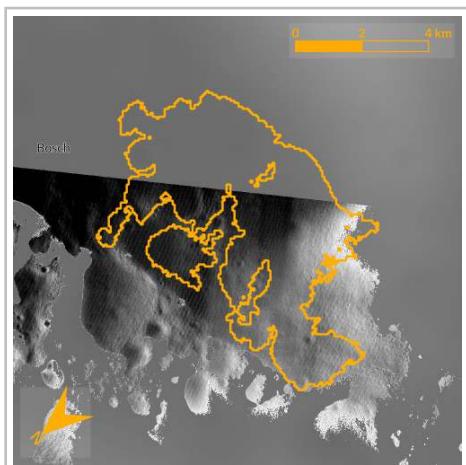
NP_867100_1311160_WAC_Color_Shade_context



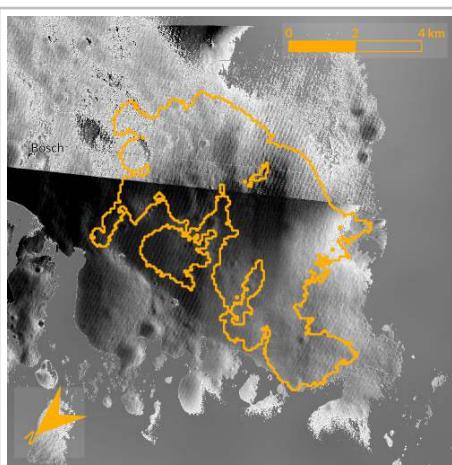
NP_867100_1311160_full



NP_867100_1311160_2013-050



NP_867100_1311160_2013-078

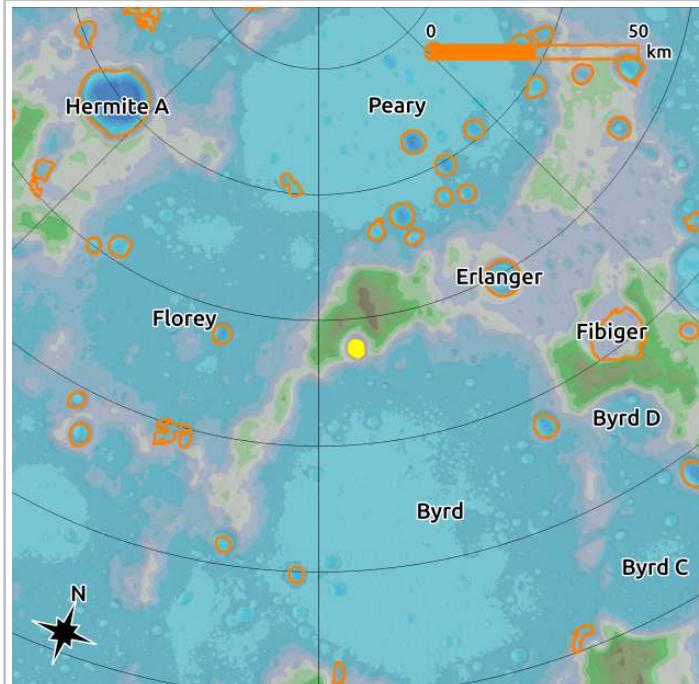


NP_867100_1311160_mosaic-PSRBOSCHLOA

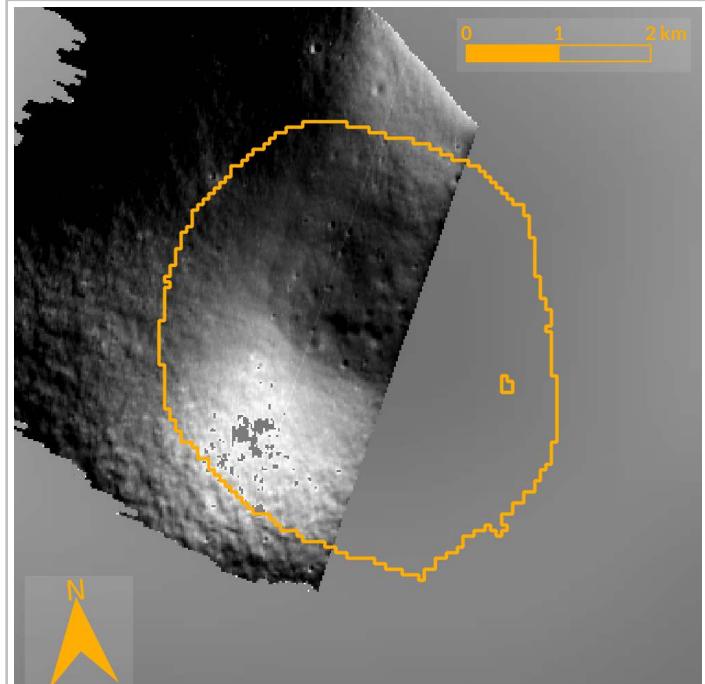
NP_867610_0052920

Lunar Features: Byrd Crater
Centroid Latitude: 86.761
Centroid Longitude: 5.292
Area (km²): 16.17
Perimeter (km): 19.8
Pixel Scale Range (m): 2-20
Coverage (%): 100

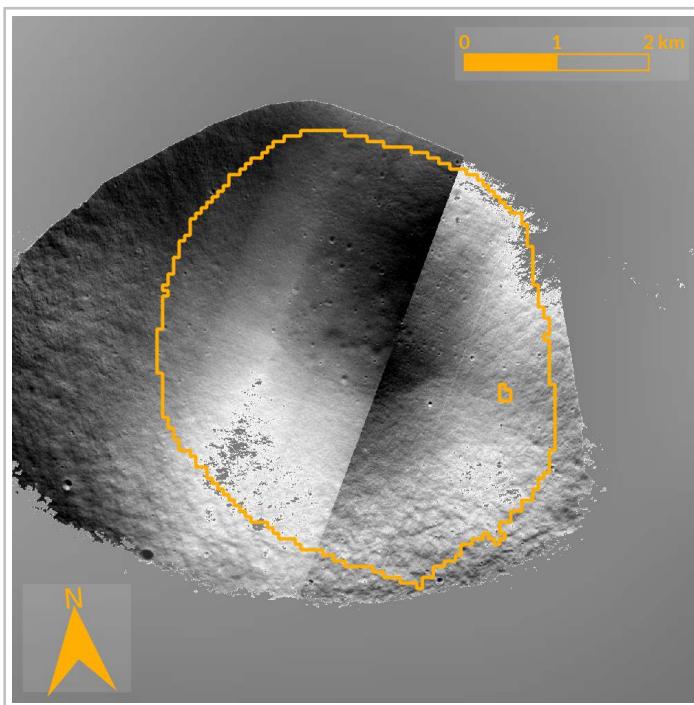
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_867610_0052920



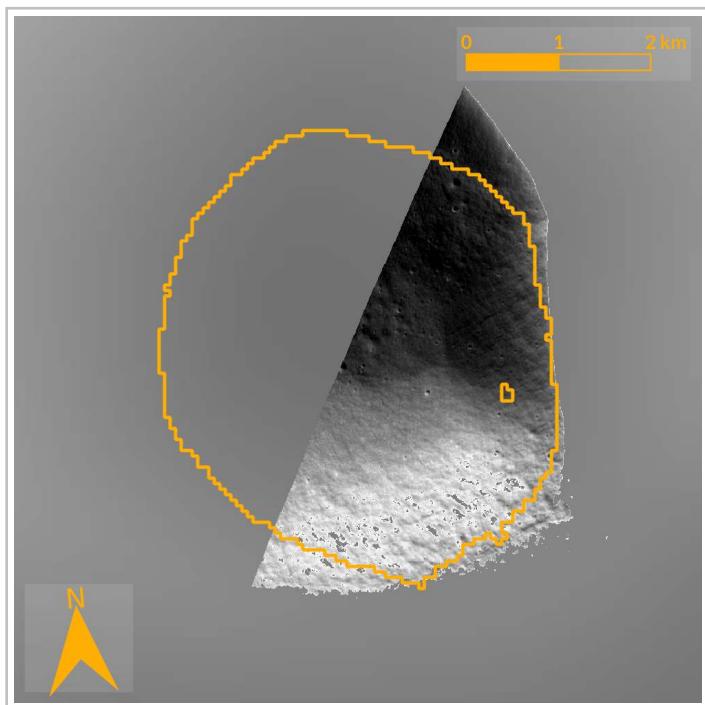
NP_867610_0052920_WAC_Color_Shade_context



NP_867610_0052920_2013-059



NP_867610_0052920_2013-086

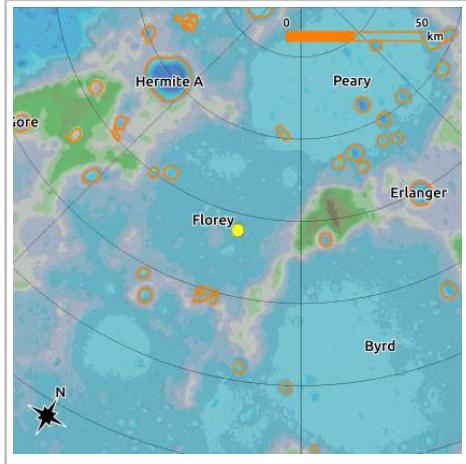


NP_867610_0052920_2014-048

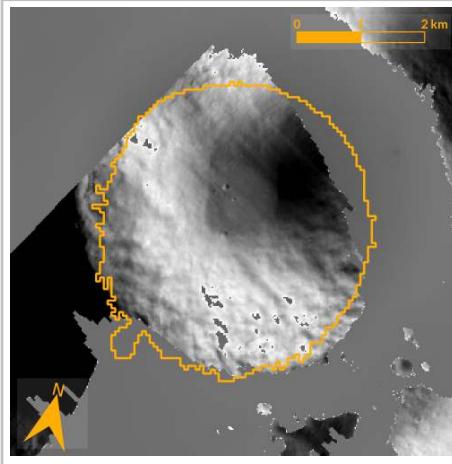
NP_867950_3460680

Lunar Features: Florey Crater
Centroid Latitude: 86.795
Centroid Longitude: 346.068
Area (km²): 15.49
Perimeter (km): 23.16
Pixel Scale Range (m): 2-20
Coverage (%): 100

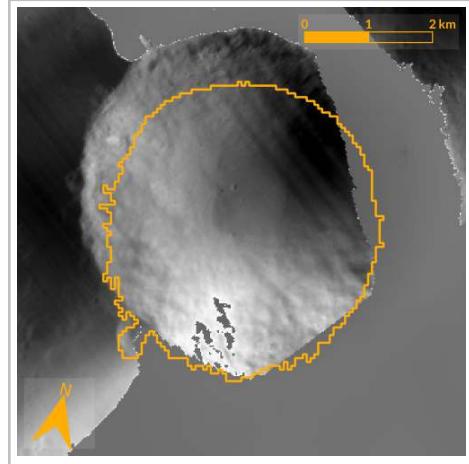
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_867950_3460680



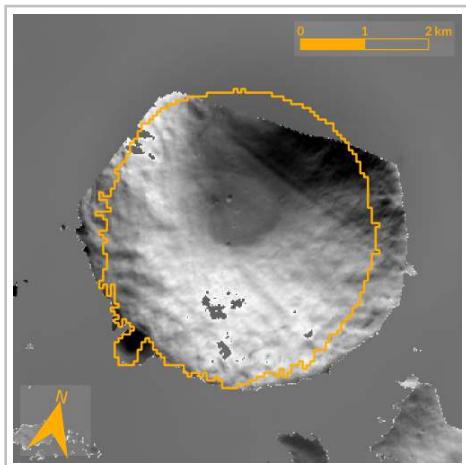
NP_867950_3460680_WAC_Color_Shade_context



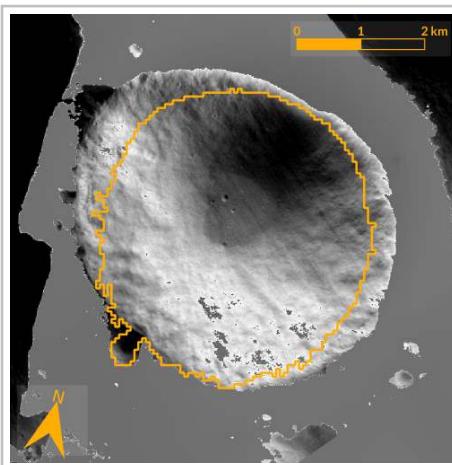
NP_867950_3460680_2013-060



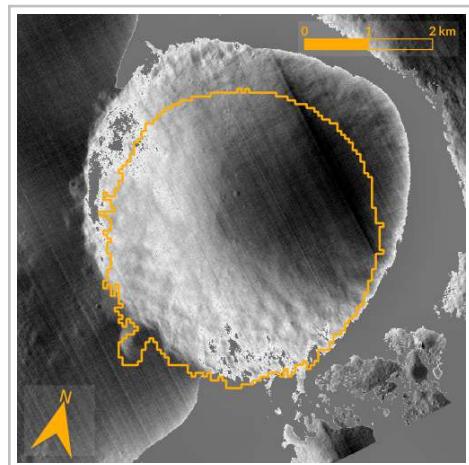
NP_867950_3460680_2013-061



NP_867950_3460680_2013-087



NP_867950_3460680_2013-089

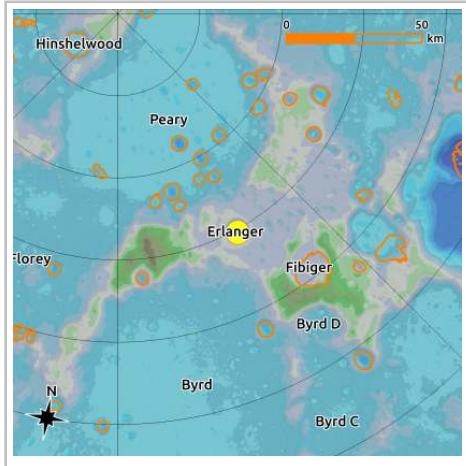


NP_867950_3460680_2014-051

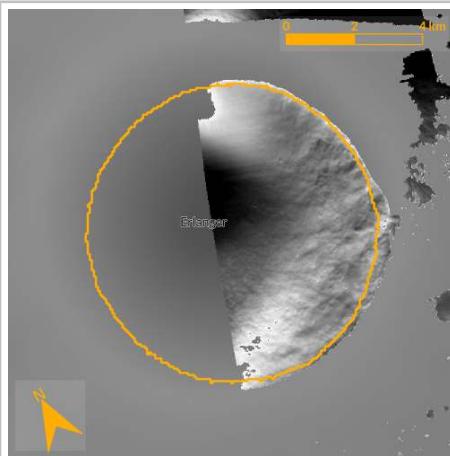
NP_869610_0287570

Lunar Features: Erlanger Crater
Centroid Latitude: 86.961
Centroid Longitude: 28.757
Area (km²): 57.81
Perimeter (km): 35.88
Pixel Scale Range (m): 2-20
Coverage (%): 100

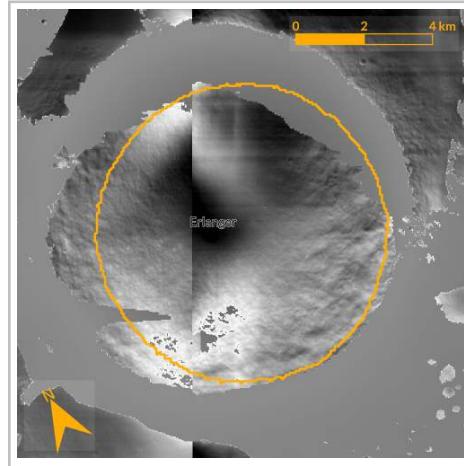
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_869610_0287570



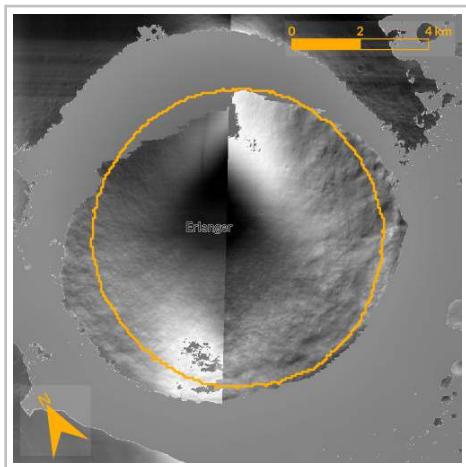
NP_869610_0287570_WAC_Color_Shade_context



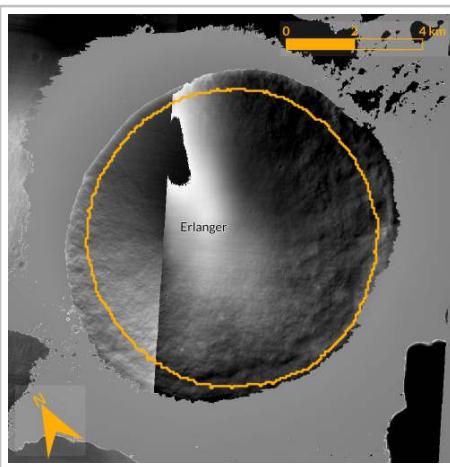
NP_869610_0287570_2013-056



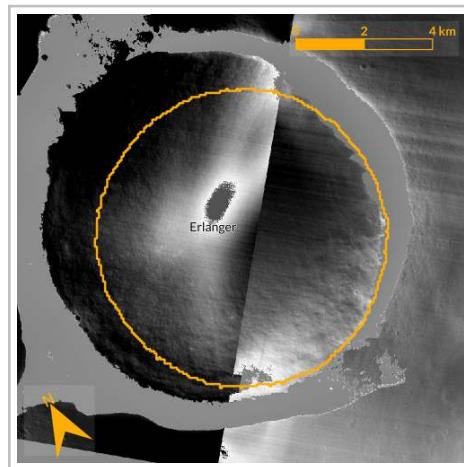
NP_869610_0287570_2013-057



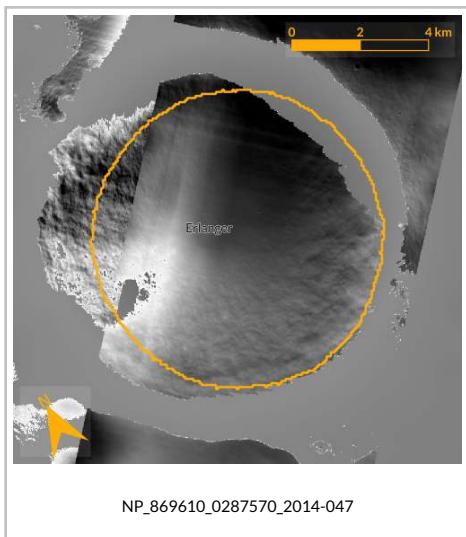
NP_869610_0287570_2013-084



NP_869610_0287570_2013-112



NP_869610_0287570_2014-020

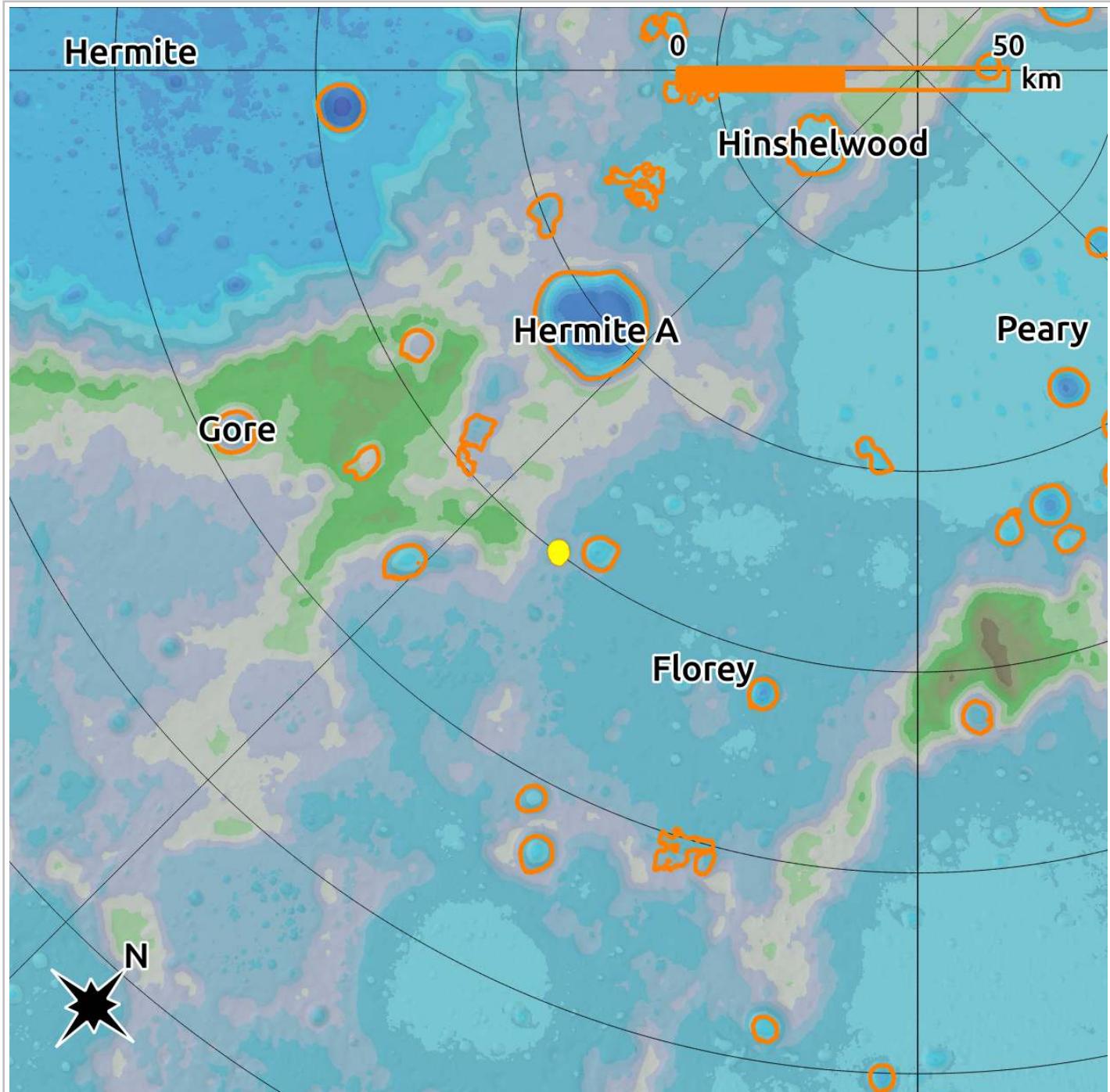


NP_869610_0287570_2014-047

NP_870040_3233300

Lunar Features: Florey Crater
Centroid Latitude: 87.004
Centroid Longitude: 323.33
Area (km²): 10.18
Perimeter (km): 15.48
Pixel Scale Range (m): 10-20
Coverage (%): 0

Features of Interest:
Notes: No images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/NP_870040_3233300

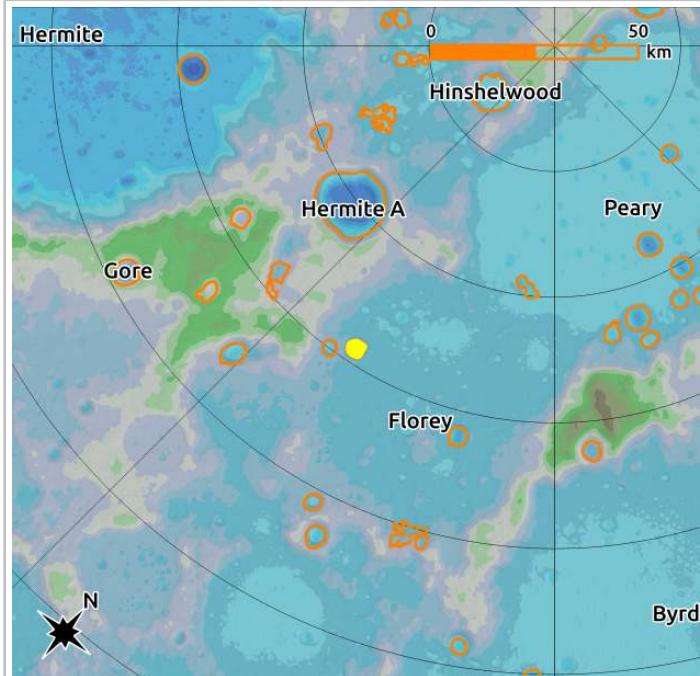


NP_870040_3233300_WAC_Color_Shade_context

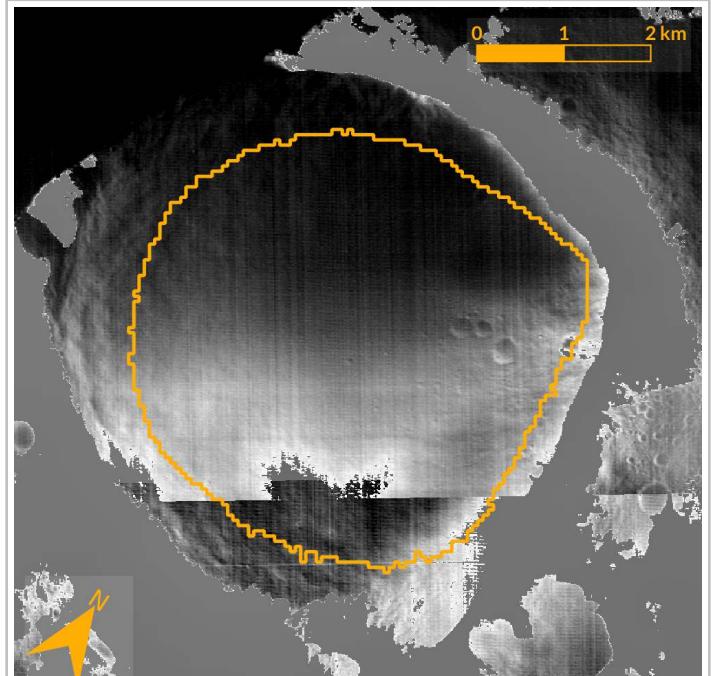
NP_871180_3267320

Lunar Features: Florey Crater,
Centroid Latitude: 87.118
Centroid Longitude: 326.732
Area (km²): 19.56
Perimeter (km): 22.44
Pixel Scale Range (m): 10-20
Coverage (%): 80

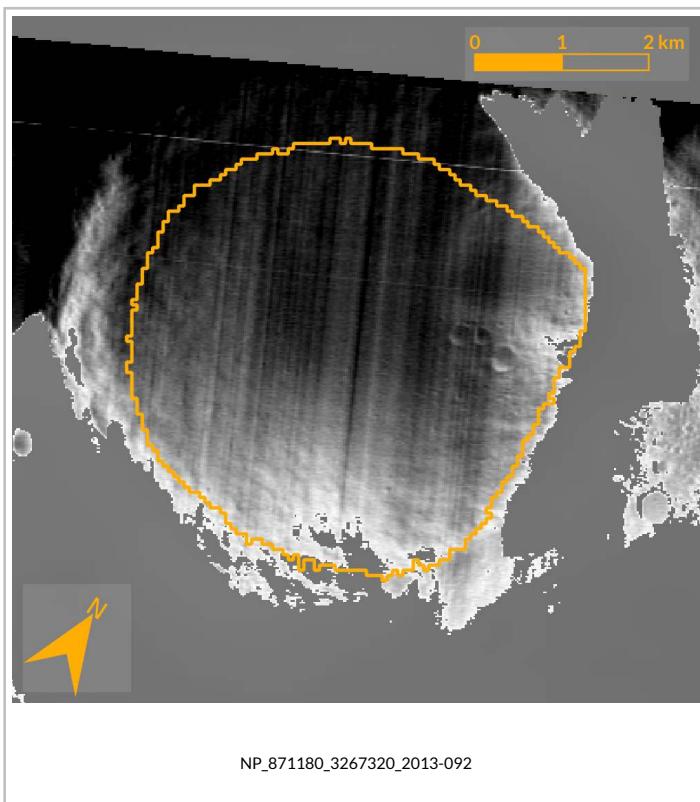
Features of Interest: 2013-091 (M1119464312R): 327.528, 87.149
(S3678 L675) - interesting grouping of craters
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_871180_3267320



NP_871180_3267320_WAC_Color_Shade_context



NP_871180_3267320_2013-091

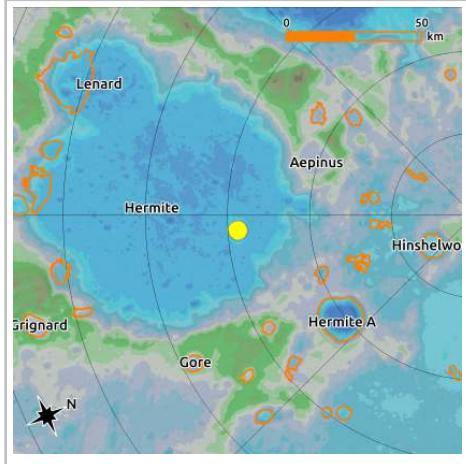


NP_871180_3267320_2013-092

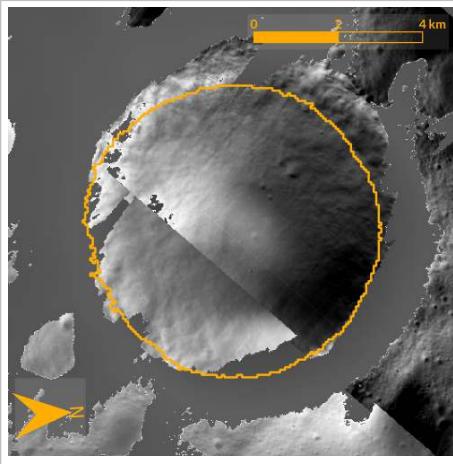
NP_871200_2736580

Lunar Features: Hermite Crater
Centroid Latitude: 87.12
Centroid Longitude: 273.658
Area (km²): 37.27
Perimeter (km): 30.96
Pixel Scale Range (m): 5-20
Coverage (%): 97

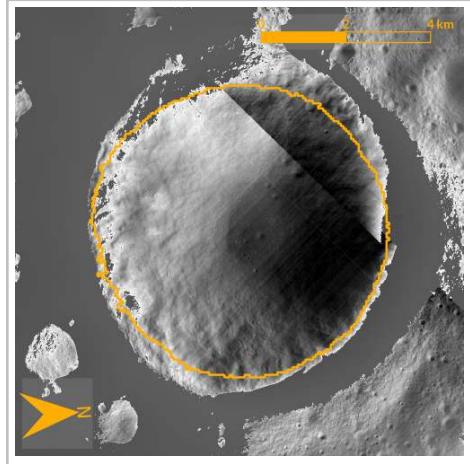
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_871200_2736580



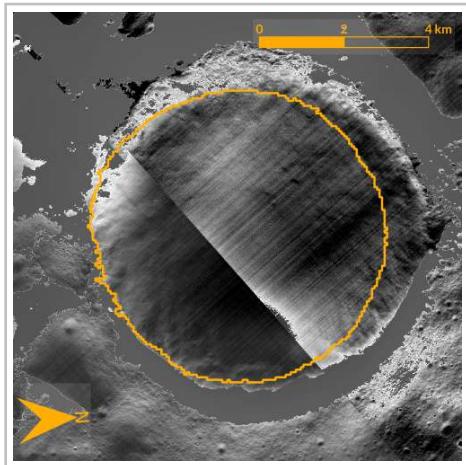
NP_871200_2736580_WAC_Color_Shade_context



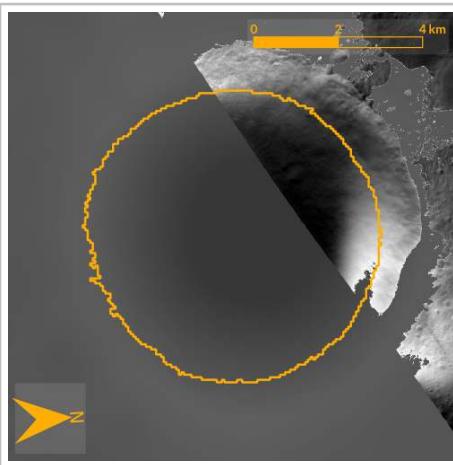
NP_871200_2736580_2013-067



NP_871200_2736580_2013-095



NP_871200_2736580_2014-030

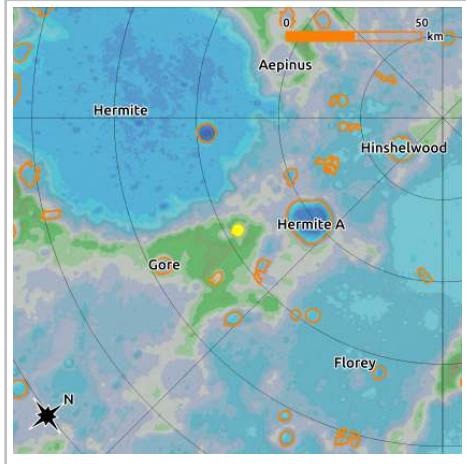


NP_871200_2736580_2014-058

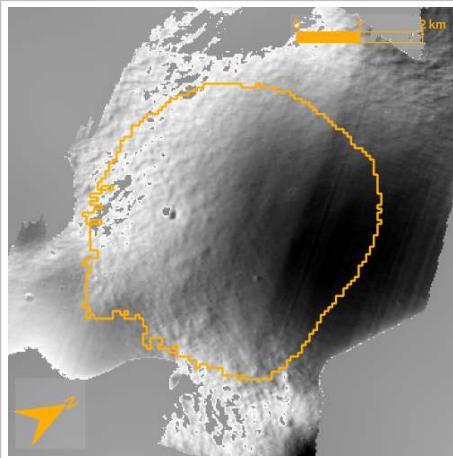
NP_871510_2987540

Lunar Features: Hermite Crater
Centroid Latitude: 87.151
Centroid Longitude: 298.754
Area (km²): 16.08
Perimeter (km): 23.52
Pixel Scale Range (m): 8-20
Coverage (%): 75

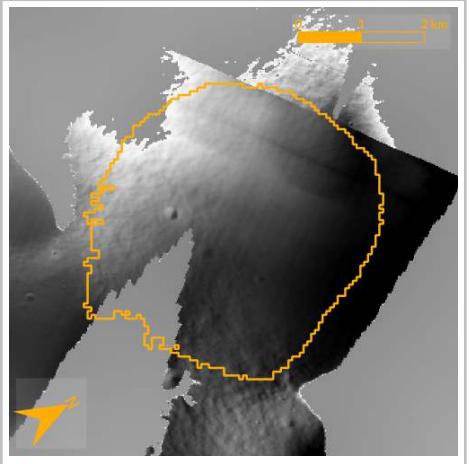
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_871510_2987540



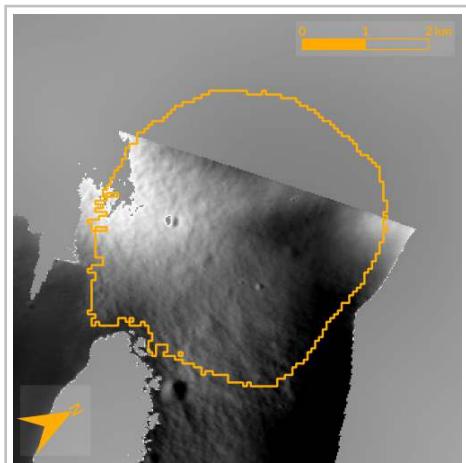
NP_871510_2987540_WAC_Color_Shade_context



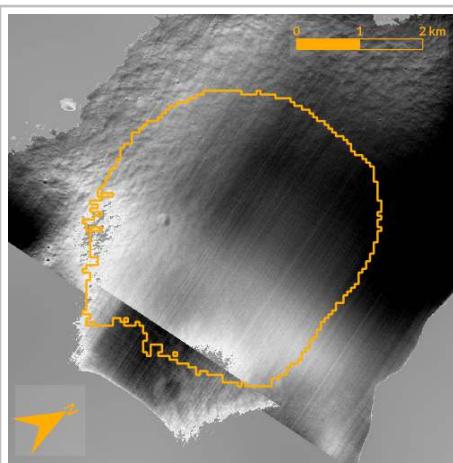
NP_871510_2987540_2013-065



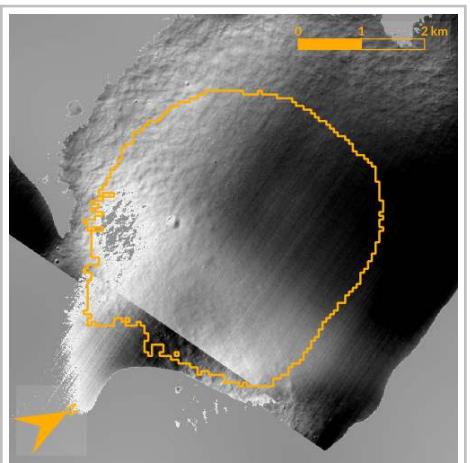
NP_871510_2987540_2013-066



NP_871510_2987540_2013-093



NP_871510_2987540_2014-029



NP_871510_2987540_2014-056

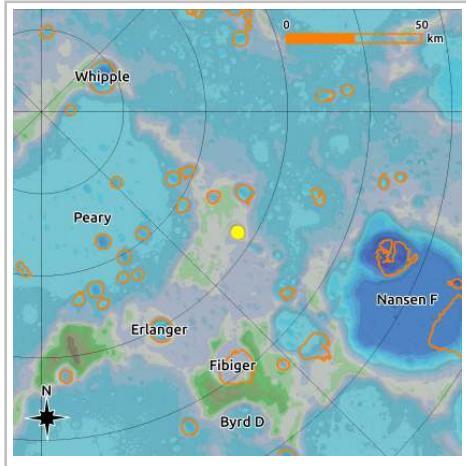
NP_871930_0584030

Lunar Features: Nansen F Crater, Peary Crater
Centroid Latitude: 87.193
Centroid Longitude: 58.403
Area (km²): 20.89
Perimeter (km): 22.2
Pixel Scale Range (m): 8-20
Coverage (%): 100

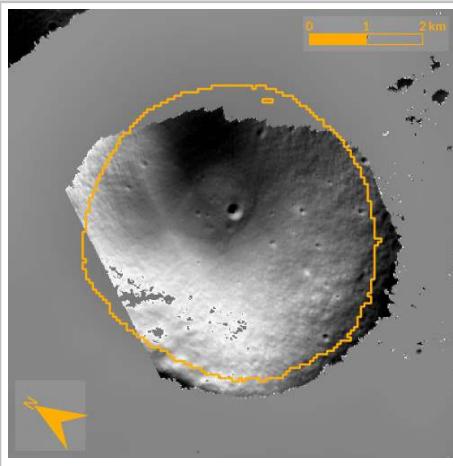
Features of Interest:

Notes:

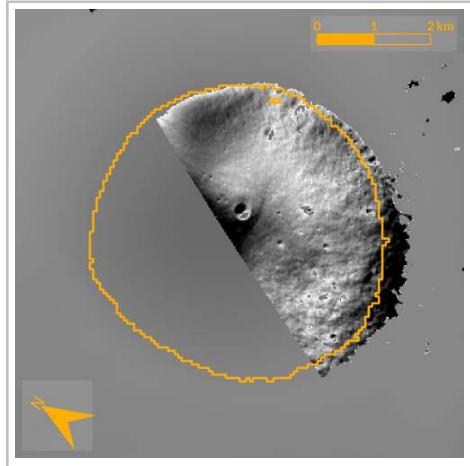
Image Lists: lroc.sese.asu.edu/psr/NP_871930_0584030



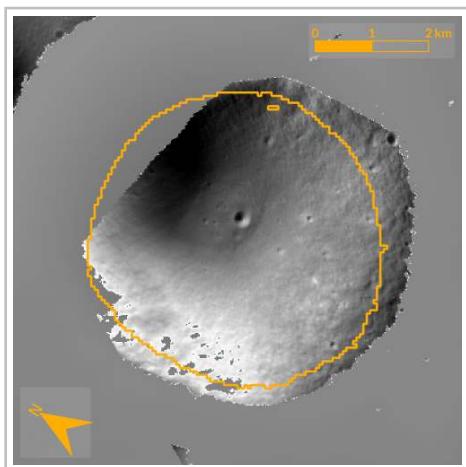
NP_871930_0584030_WAC_Color_Shade_context



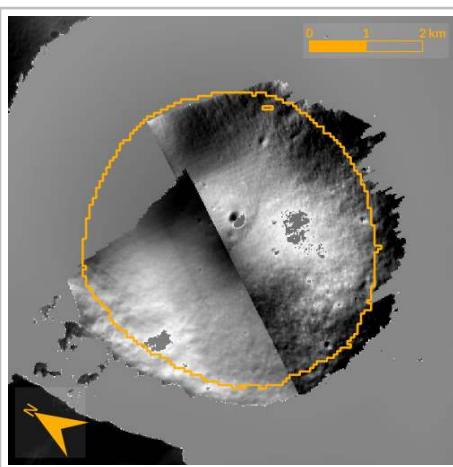
NP_871930_0584030_2013-055a



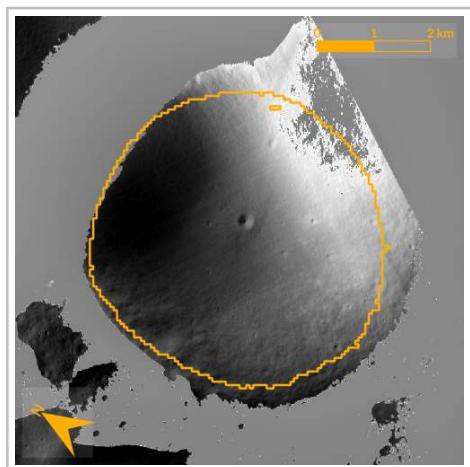
NP_871930_0584030_2013-055b



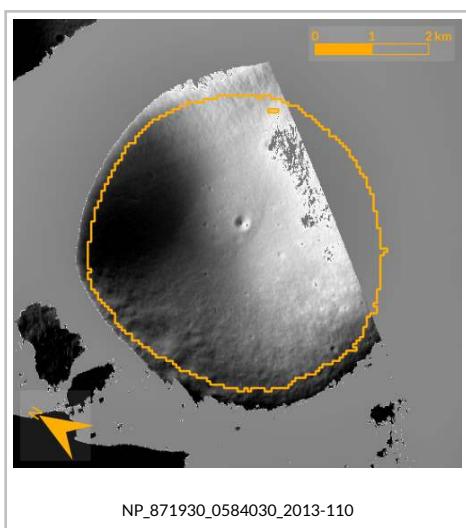
NP_871930_0584030_2013-082a



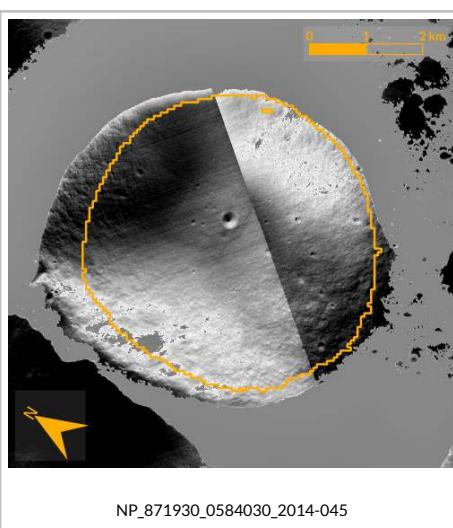
NP_871930_0584030_2013-082b



NP_871930_0584030_2013-109



NP_871930_0584030_2013-110

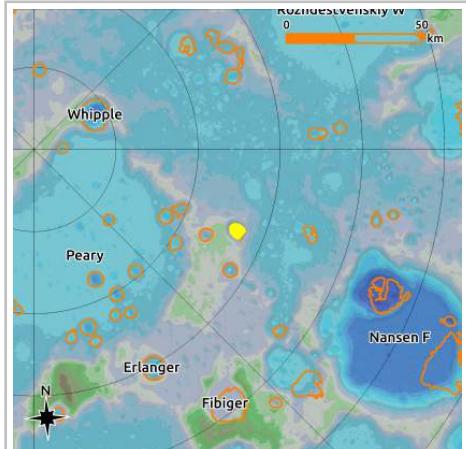


NP_871930_0584030_2014-045

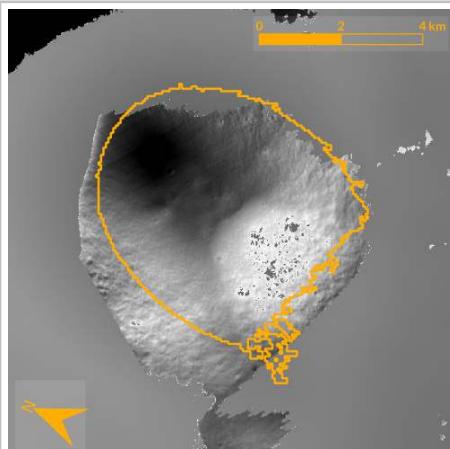
NP_873330_0681560

Lunar Features: Nansen F Crater, Peary Crater
Centroid Latitude: 87.333
Centroid Longitude: 68.156
Area (km²): 29.21
Perimeter (km): 46.32
Pixel Scale Range (m): 2-20
Coverage (%): 100

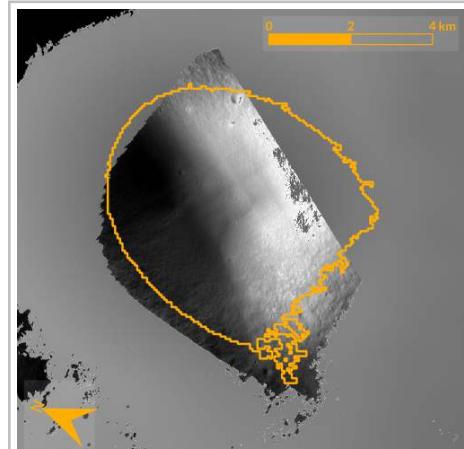
Features of Interest: 2013-082 (M1118683001L): 68.01, 87.352 (S964 L1572) - hummocky crater floor
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_873330_0681560



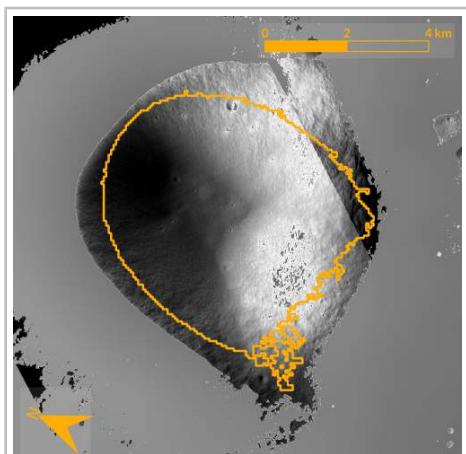
NP_873330_0681560_WAC_Color_Shade_context



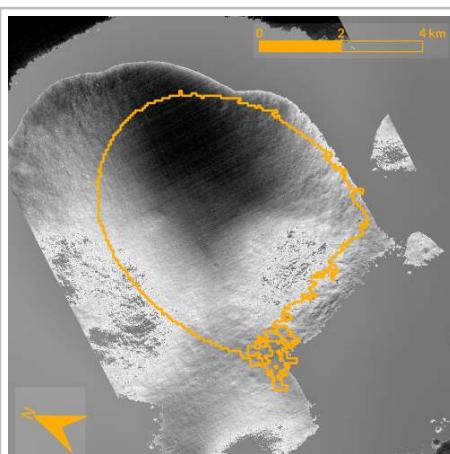
NP_873330_0681560_2013-082



NP_873330_0681560_2013-109a



NP_873330_0681560_2013-109b

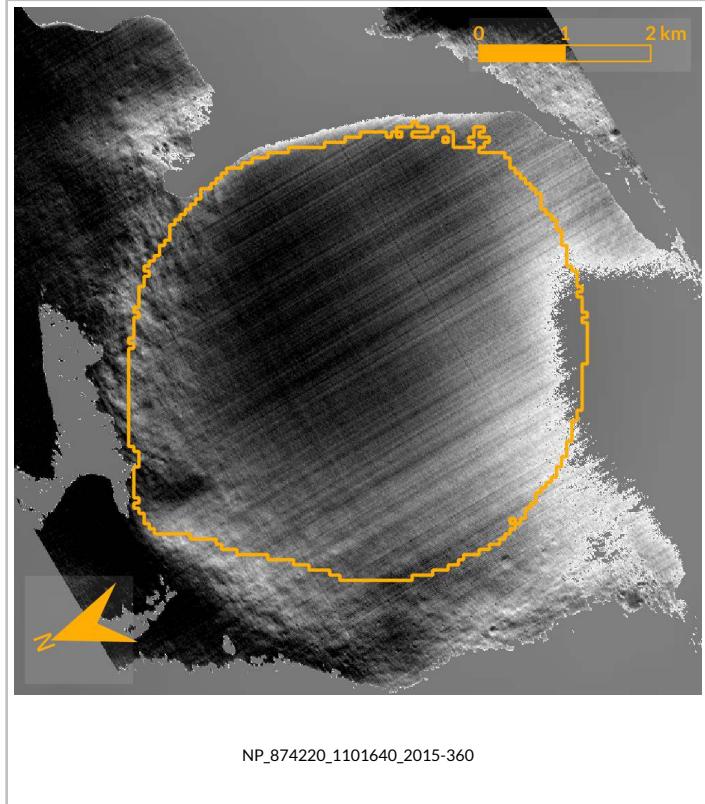
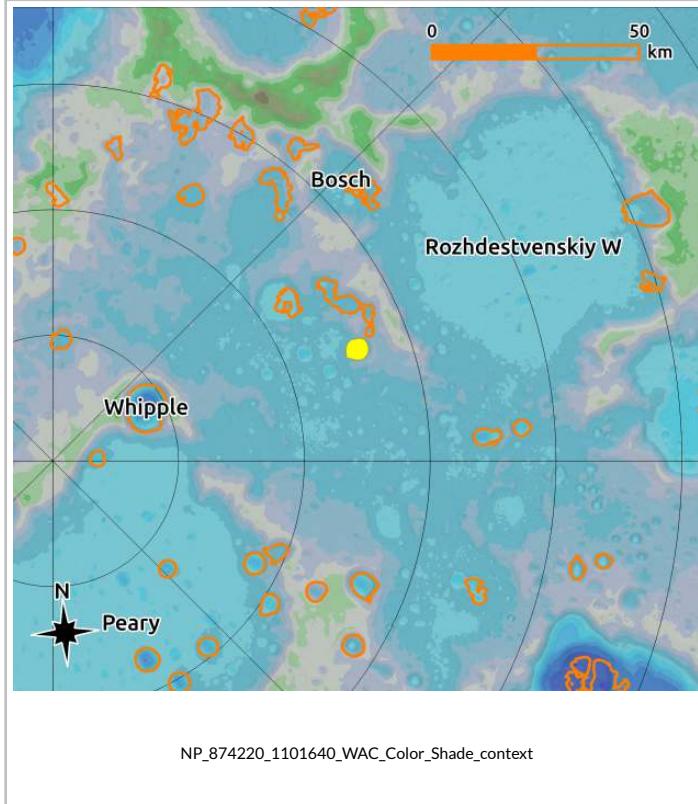


NP_873330_0681560_2014-044

NP_874220_1101640

Lunar Features: Rozhdestvenskiy W Crater, Whipple Crater
Centroid Latitude: 87.422
Centroid Longitude: 110.164
Area (km²): 22.74
Perimeter (km): 24.6
Pixel Scale Range (m): 7-20
Coverage (%): 50

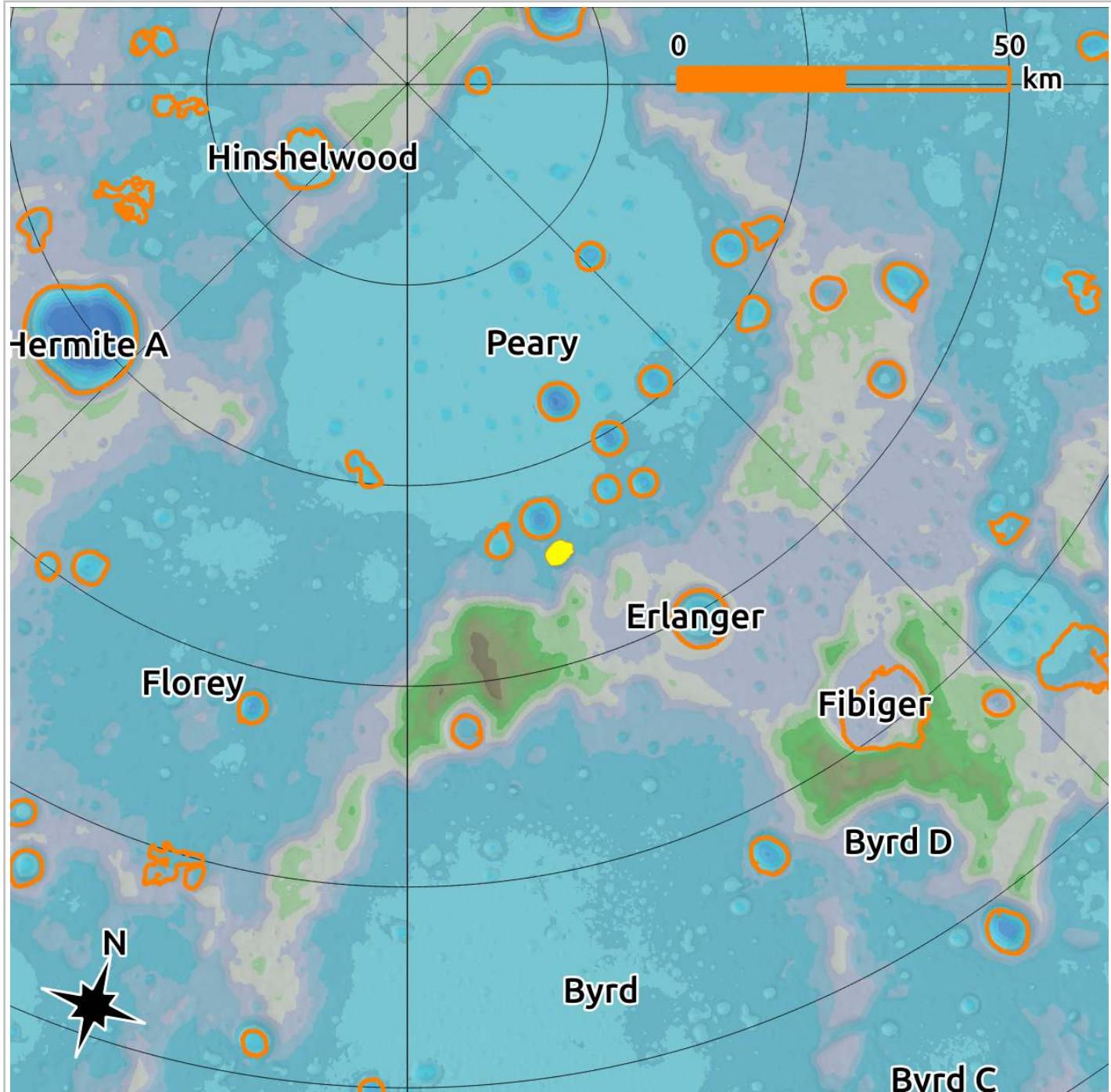
Features of Interest:
Notes: No good images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/NP_874220_1101640



NP_875450_0179490

Lunar Features: Peary Crater
Centroid Latitude: 87.545
Centroid Longitude: 17.949
Area (km²): 11.85
Perimeter (km): 17.52
Pixel Scale Range (m): 2-20
Coverage (%): 0

Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_875450_0179490

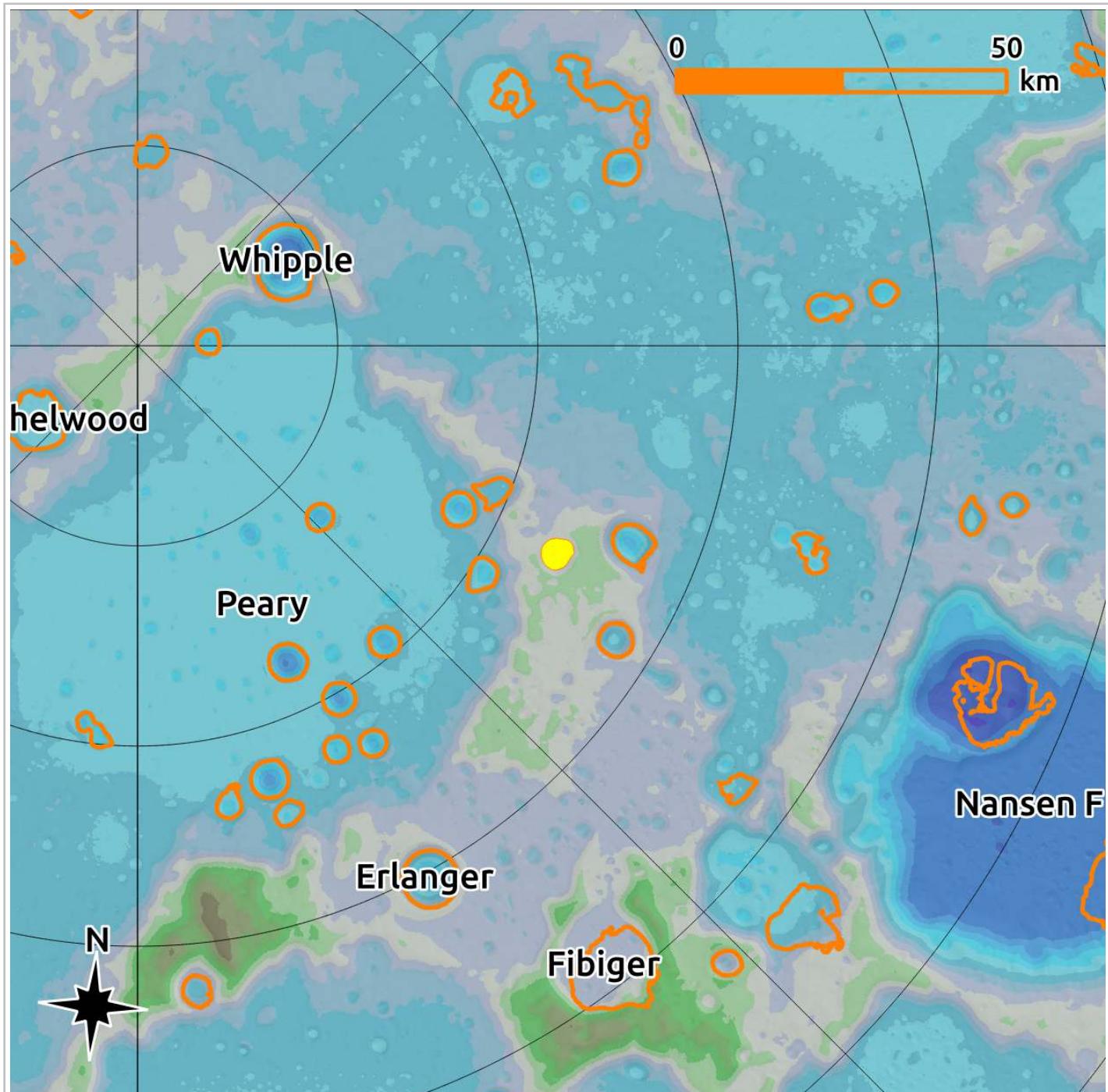


NP_875450_0179490_WAC_Color_Shade_context

NP_876610_0636630

Lunar Features: Peary Crater
Centroid Latitude: 87.661
Centroid Longitude: 63.663
Area (km²): 18.18
Perimeter (km): 20.4
Pixel Scale Range (m): 2-20
Coverage (%): 0

Features of Interest:
Notes: No good images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/NP_876610_0636630

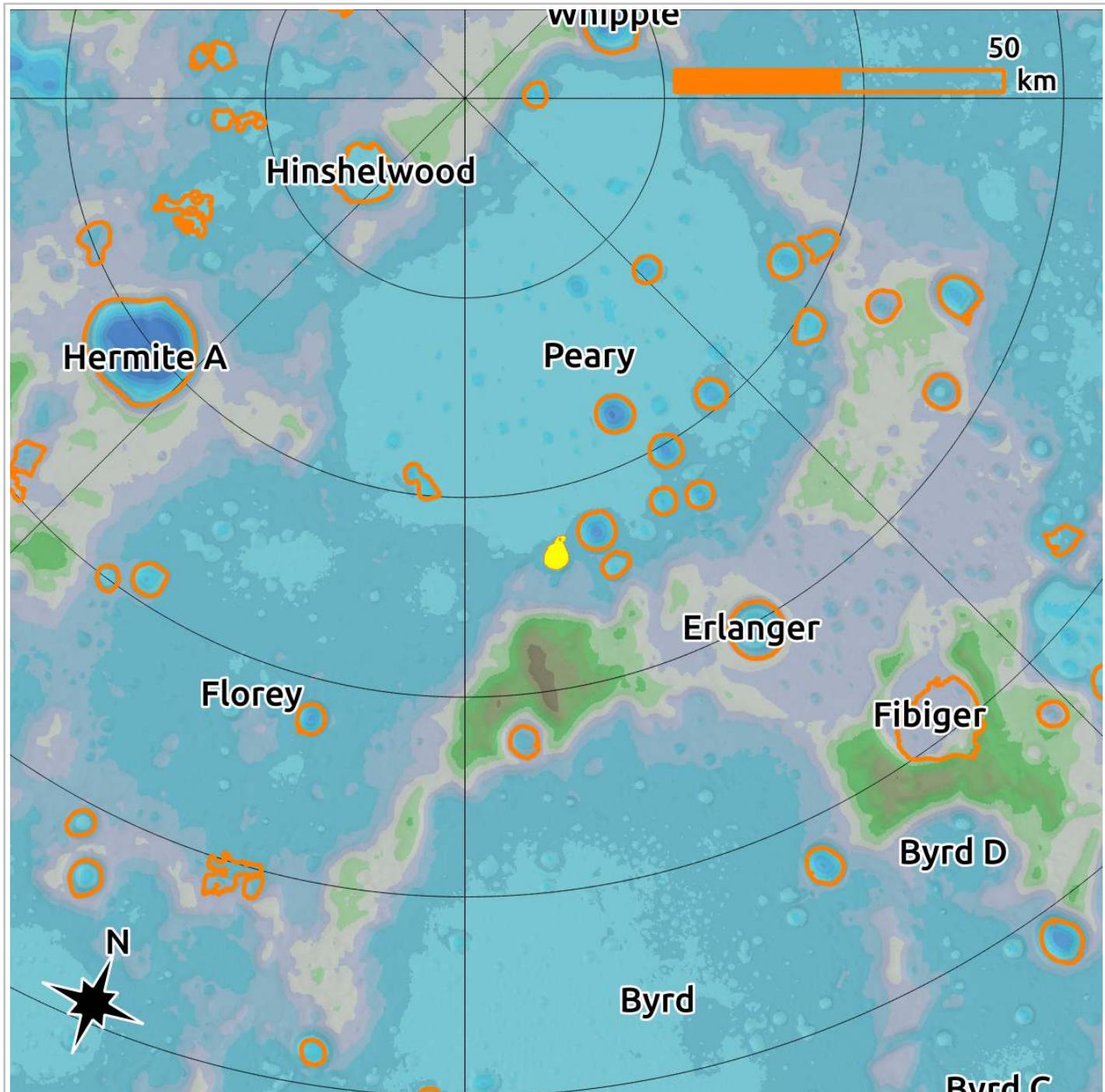


NP_876610_0636630_WAC_Color_Shade_context

NP_876680_0113950

Lunar Features: Peary Crater
Centroid Latitude: 87.668
Centroid Longitude: 11.395
Area (km²): 13.28
Perimeter (km): 22.44
Pixel Scale Range (m): 2-20
Coverage (%): 0

Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_876680_0113950

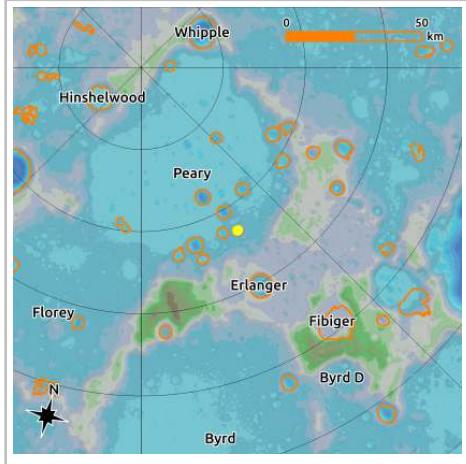


NP_876680_0113950_WAC_Color_Shade_context

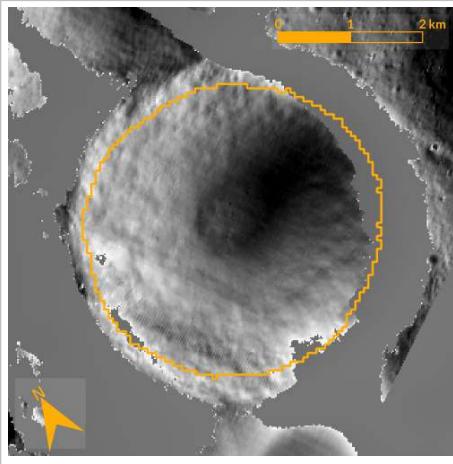
NP_876920_0306650

Lunar Features: Peary Crater
Centroid Latitude: 87.692
Centroid Longitude: 30.665
Area (km²): 13.05
Perimeter (km): 16.92
Pixel Scale Range (m): 2-20
Coverage (%): 70

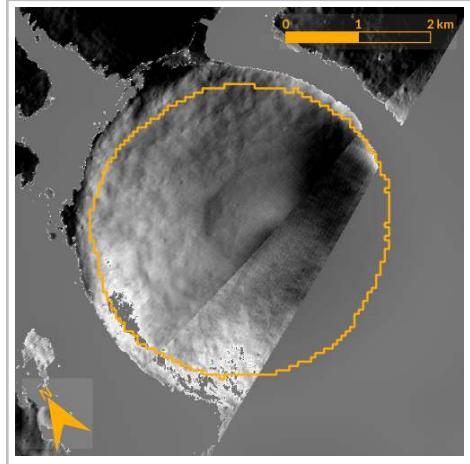
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_876920_0306650



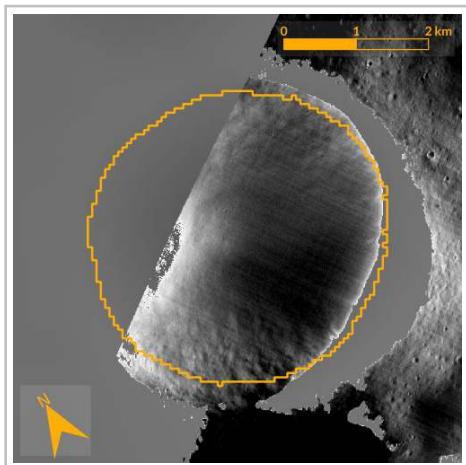
NP_876920_0306650_WAC_Color_Shade_context



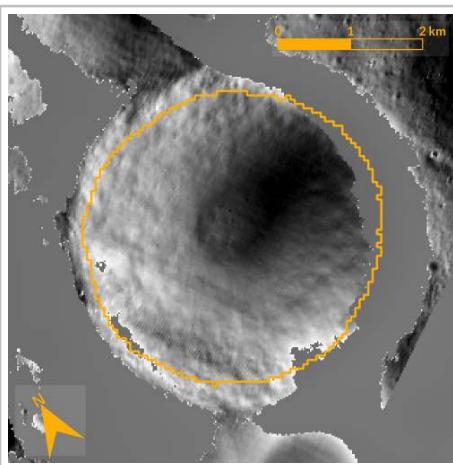
NP_876920_0306650_2014-021



NP_876920_0306650_2014-022



NP_876920_0306650_2014-348



NP_876920_0306650_mosaic-PSRPEARYLOA

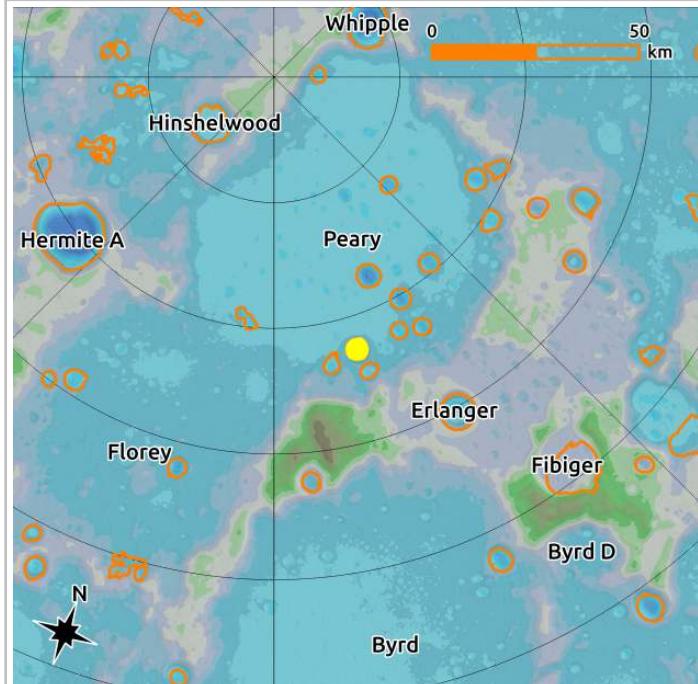
NP_877350_0169810

Lunar Features: Peary Crater
Centroid Latitude: 87.735
Centroid Longitude: 16.981
Area (km²): 26.00
Perimeter (km): 24.0
Pixel Scale Range (m): 2-20
Coverage (%): 30

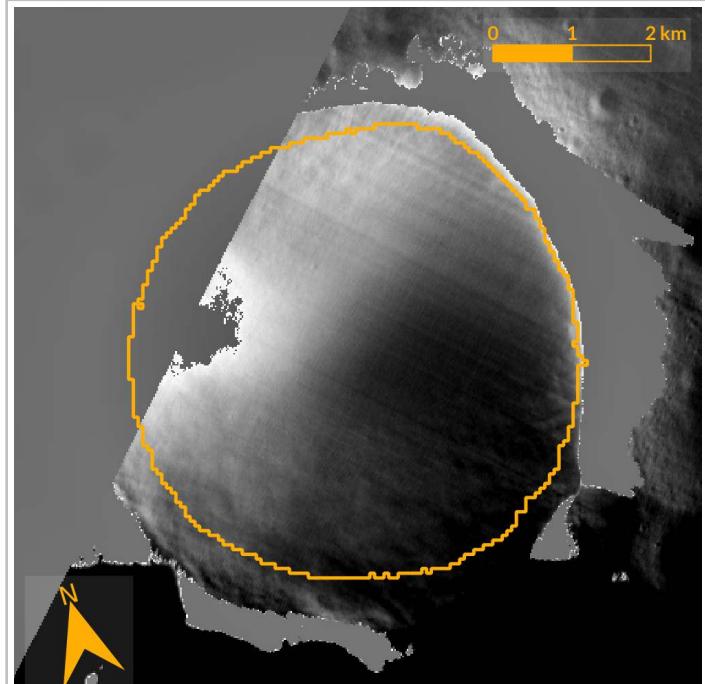
Features of Interest:

Notes:

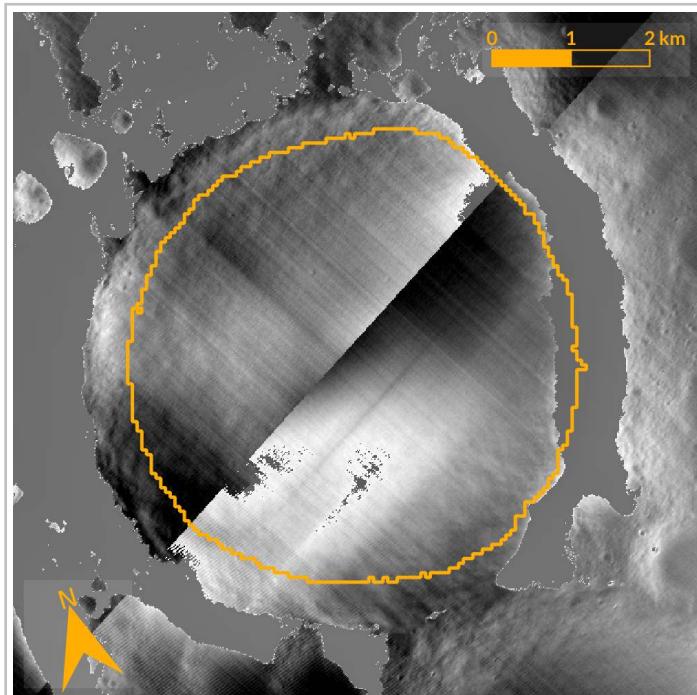
Image Lists: lroc.sese.asu.edu/psr/NP_877350_0169810



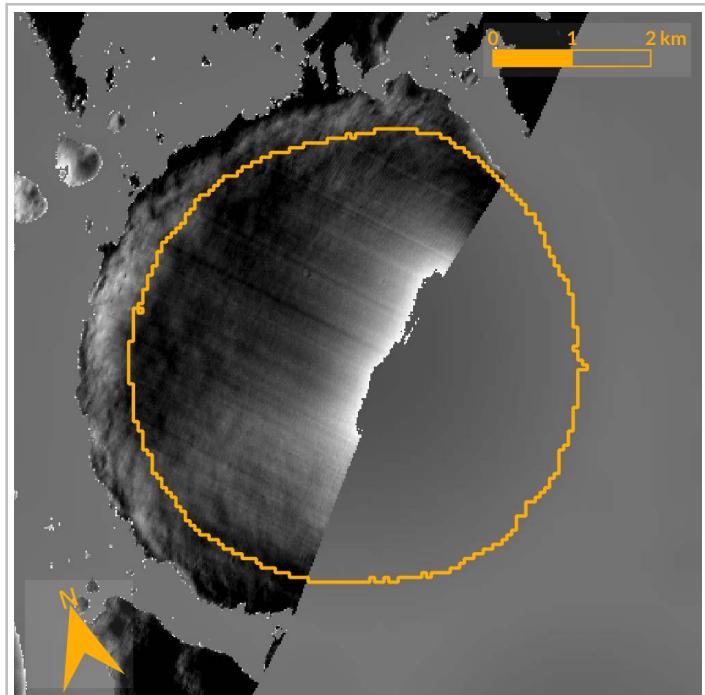
NP_877350_0169810_WAC_Color_Shade_context



NP_877350_0169810_2014-021



NP_877350_0169810_2014-022

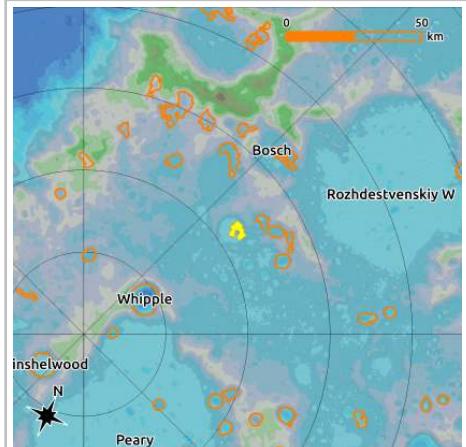


NP_877350_0169810_2015-338

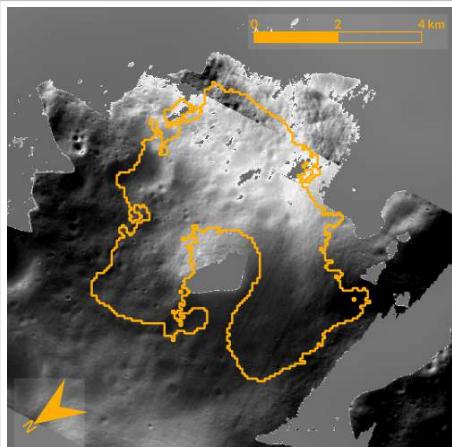
NP_877400_1239570

Lunar Features: Bosch Crater, Whipple Crater
Centroid Latitude: 87.74
Centroid Longitude: 123.957
Area (km²): 23.69
Perimeter (km): 59.04
Pixel Scale Range (m): 2-20
Coverage (%): 100

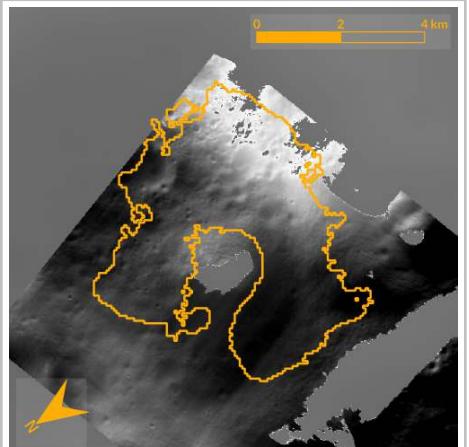
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_877400_1239570



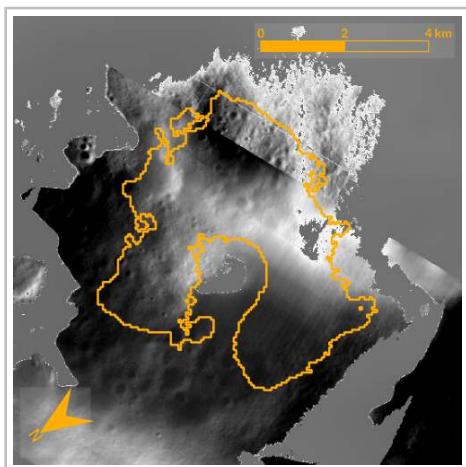
NP_877400_1239570_WAC_Color_Shade_context



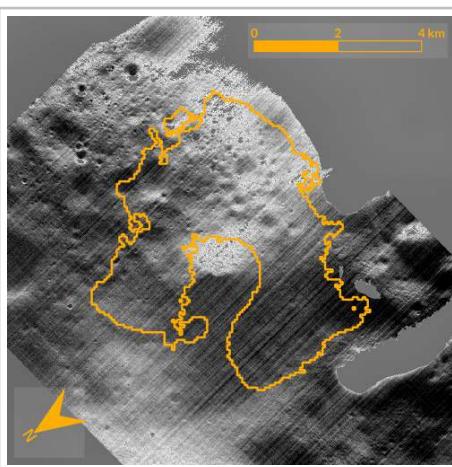
NP_877400_1239570_2013-052



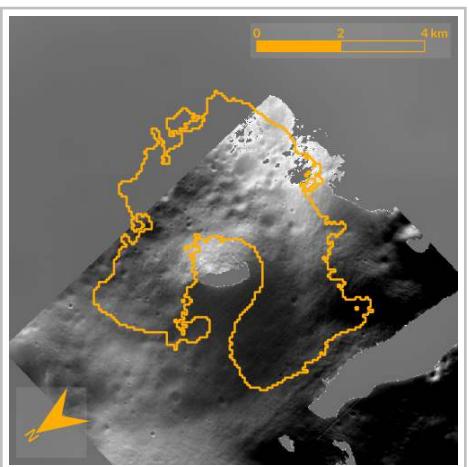
NP_877400_1239570_2013-053



NP_877400_1239570_2013-080



NP_877400_1239570_2014-016

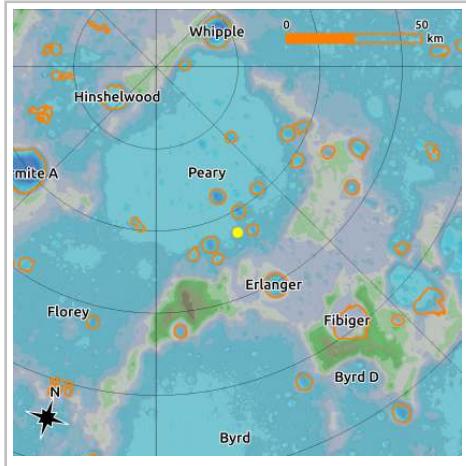


NP_877400_1239570_2014-043

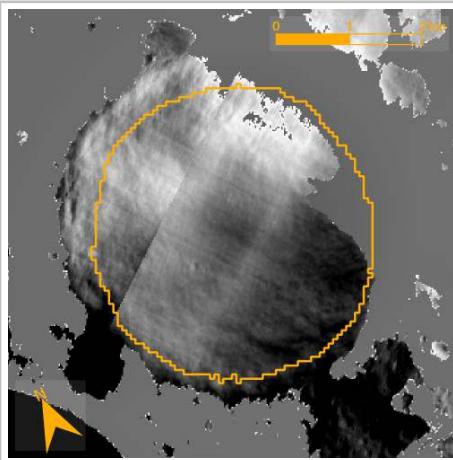
NP_877500_0262720

Lunar Features: Peary Crater
Centroid Latitude: 87.75
Centroid Longitude: 26.272
Area (km²): 12.11
Perimeter (km): 16.32
Pixel Scale Range (m): 2-20
Coverage (%): 75

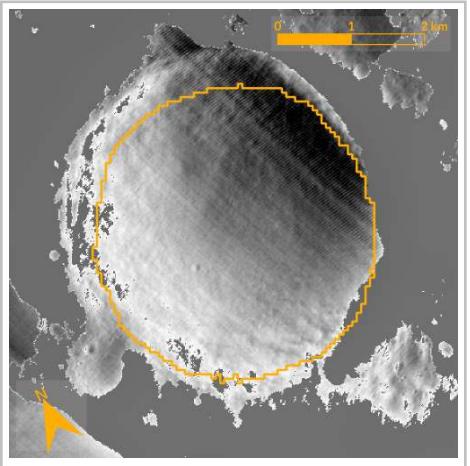
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_877500_0262720



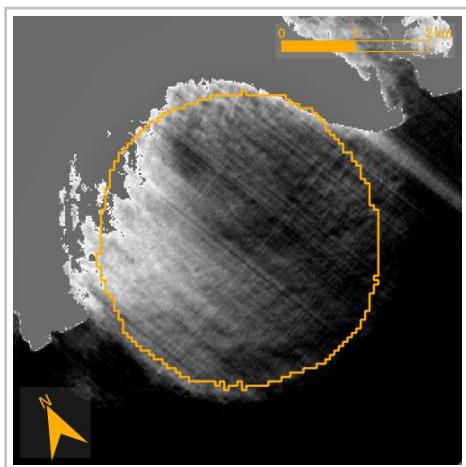
NP_877500_0262720_WAC_Color_Shade_context



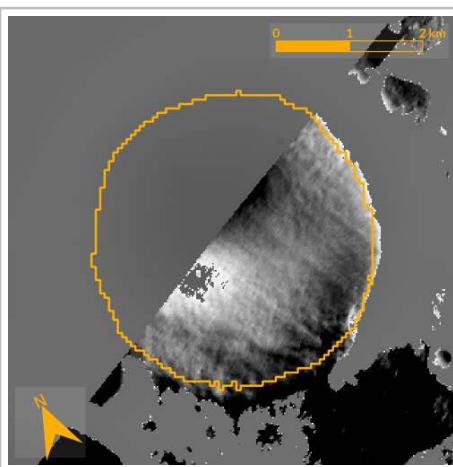
NP_877500_0262720_2014-021



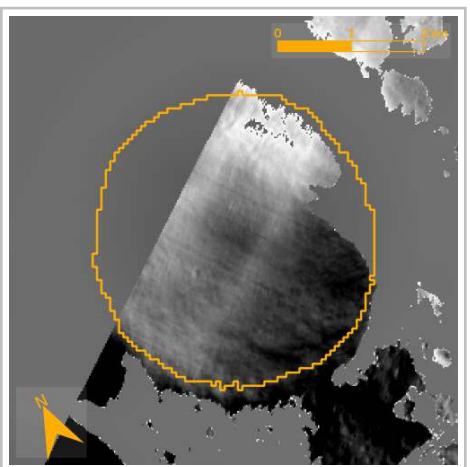
NP_877500_0262720_2014-022



NP_877500_0262720_2014-049



NP_877500_0262720_2015-012

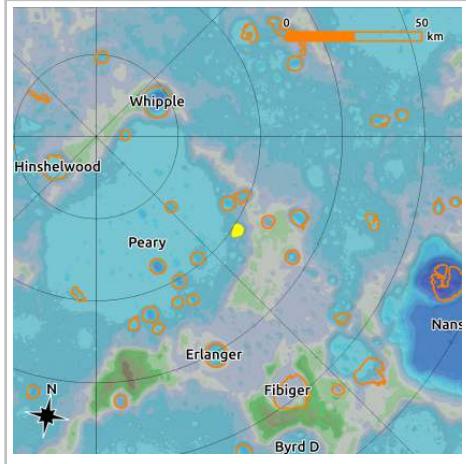


NP_877500_0262720_mosaic-PSRPEARYLOA

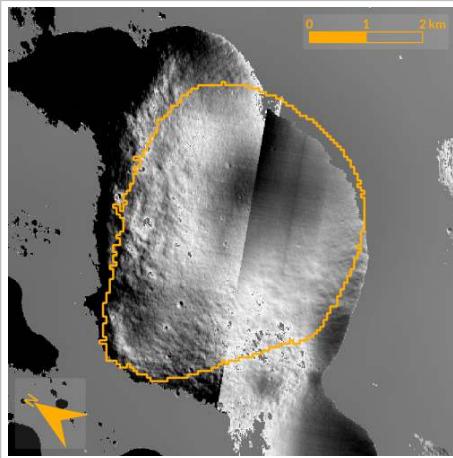
NP_879310_0563700

Lunar Features: Peary Crater
Centroid Latitude: 87.931
Centroid Longitude: 56.37
Area (km²): 17.92
Perimeter (km): 22.44
Pixel Scale Range (m): 2-20
Coverage (%): 100

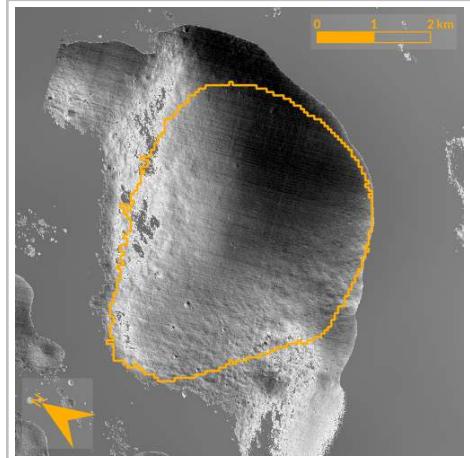
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_879310_0563700



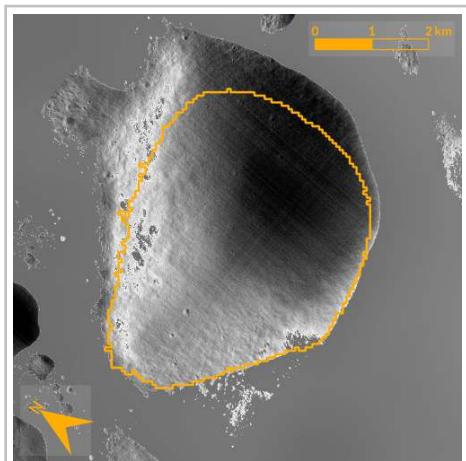
NP_879310_0563700_WAC_Color_Shade_context



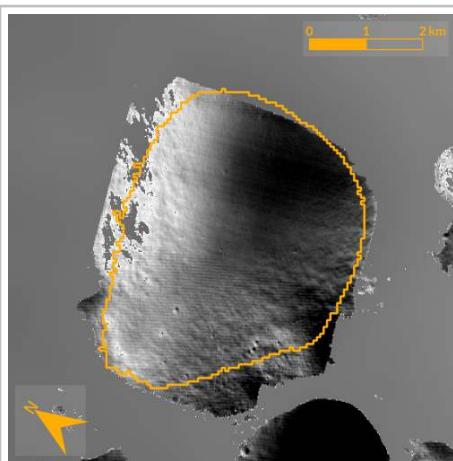
NP_879310_0563700_2014-020



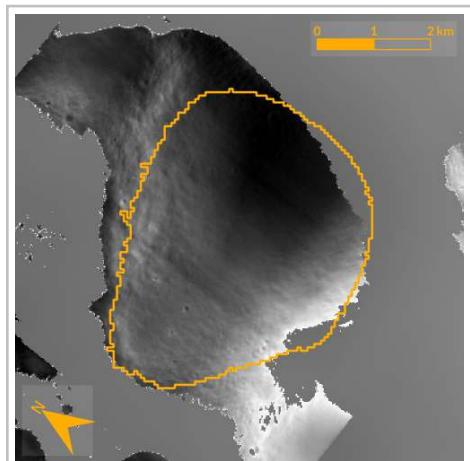
NP_879310_0563700_2014-021



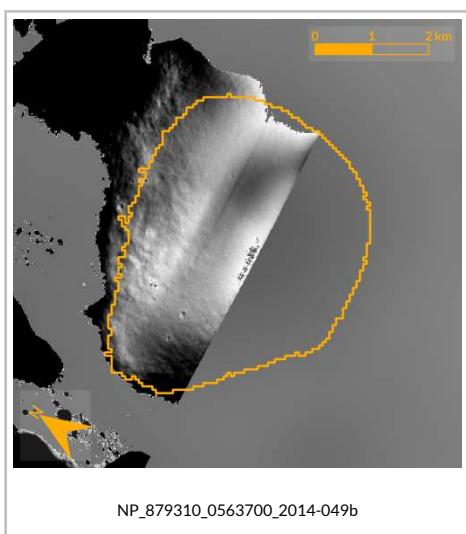
NP_879310_0563700_2014-022



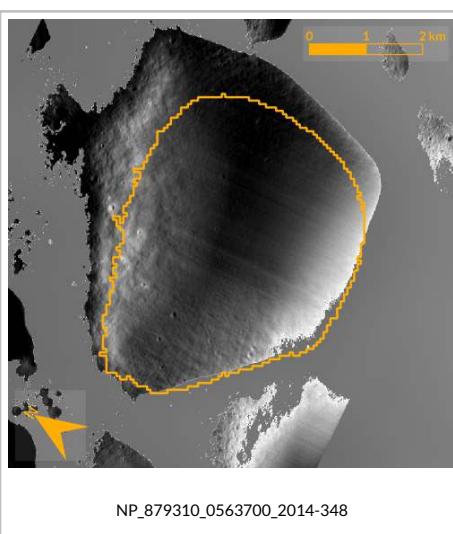
NP_879310_0563700_2014-048



NP_879310_0563700_2014-049a



NP_879310_0563700_2014-049b

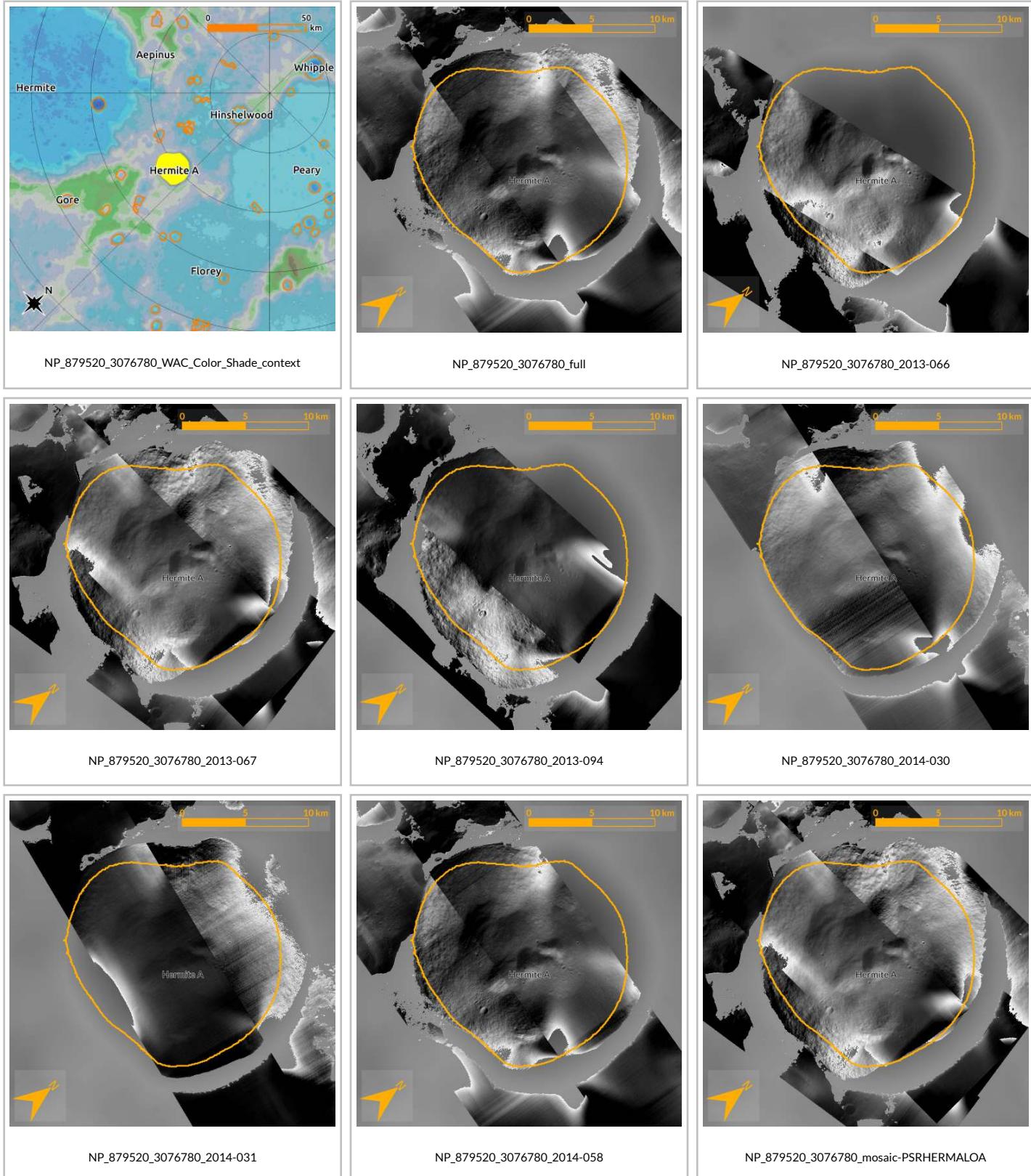


NP_879310_0563700_2014-348

NP_879520_3076780

Lunar Features: Hermite A Crater
Centroid Latitude: 87.952
Centroid Longitude: 307.678
Area (km²): 211.69
Perimeter (km): 71.4
Pixel Scale Range (m): 2-20
Coverage (%): 100

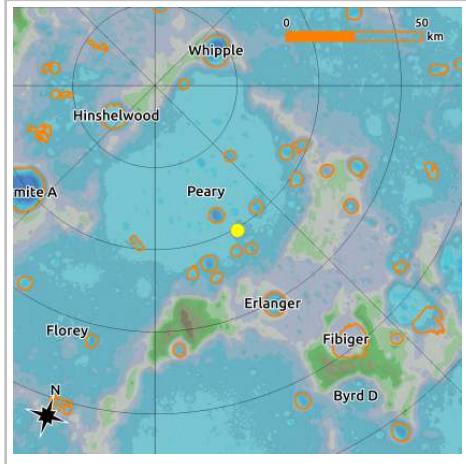
Features of Interest: 2014-058 (M1148102072R): 308.211, 87.783 (S3595 L4630) - interesting grouping of craters
Notes: Central peak structures
Image Lists: lroc.sese.asu.edu/psr/NP_879520_3076780



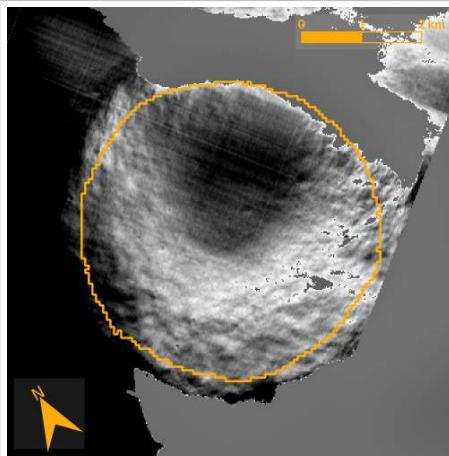
NP_879680_0297220

Lunar Features: Peary Crater
Centroid Latitude: 87.968
Centroid Longitude: 29.722
Area (km²): 19.26
Perimeter (km): 20.52
Pixel Scale Range (m): 2-20
Coverage (%): 100

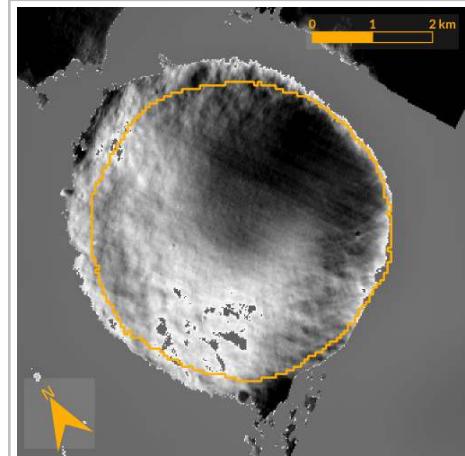
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_879680_0297220



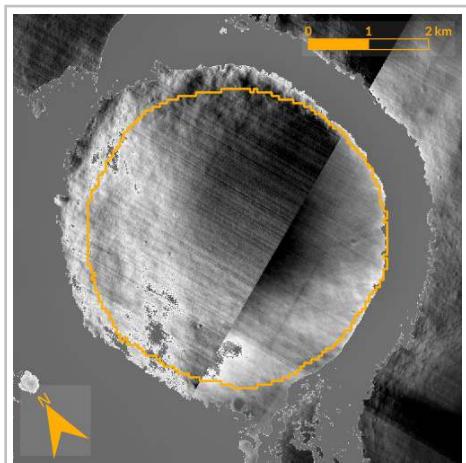
NP_879680_0297220_WAC_Color_Shade_context



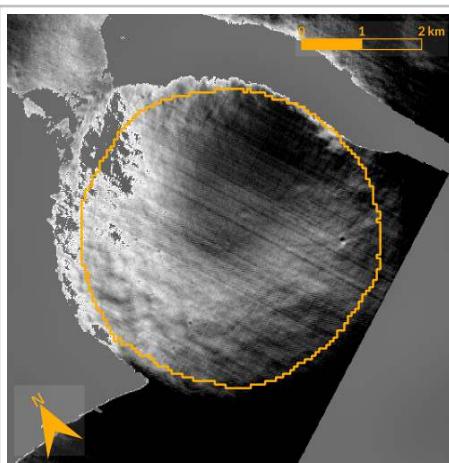
NP_879680_0297220_2013-086



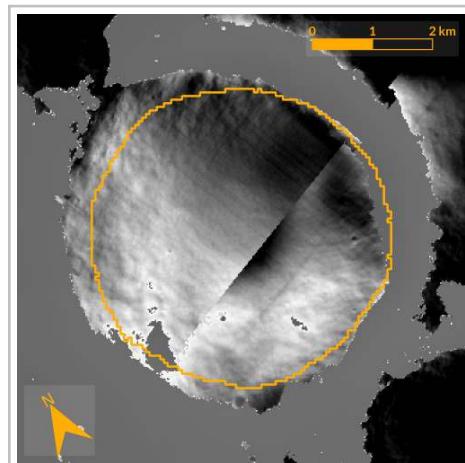
NP_879680_0297220_2014-021



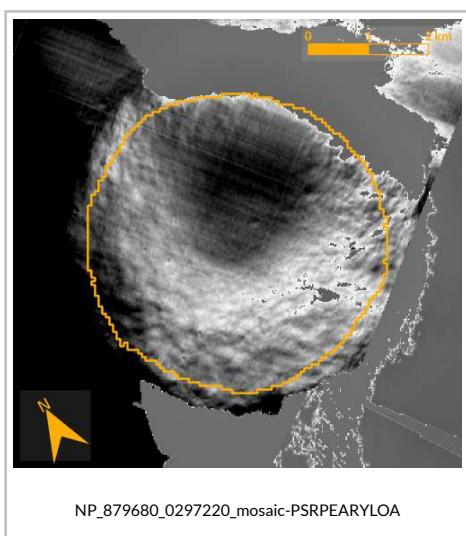
NP_879680_0297220_2014-022



NP_879680_0297220_2014-049a



NP_879680_0297220_2014-049b

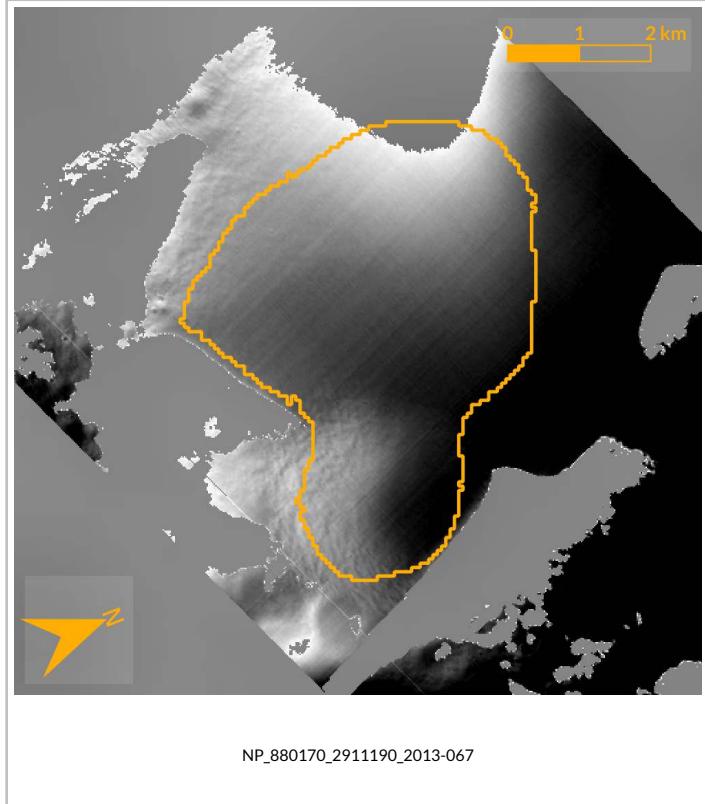
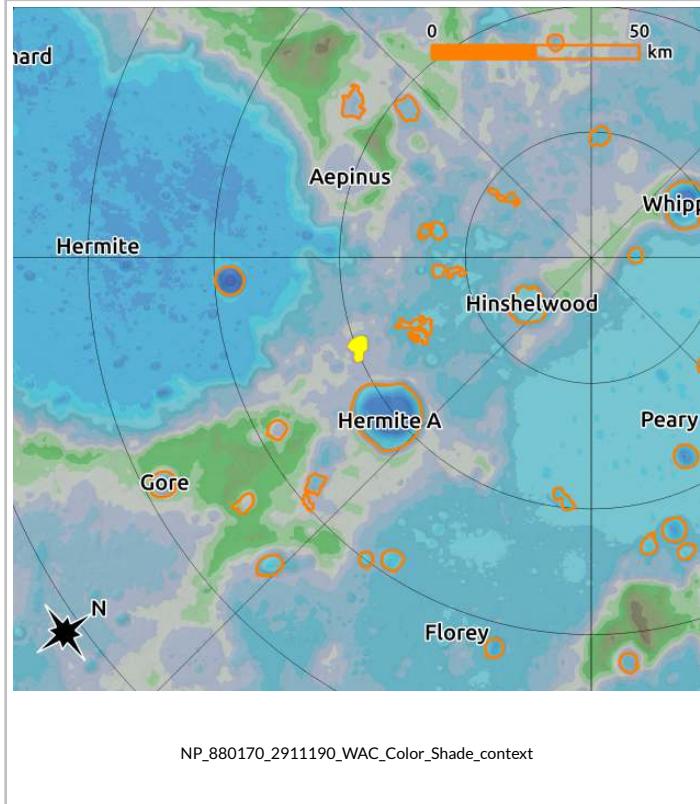


NP_879680_0297220_mosaic-PSRPEARYLOA

NP_880170_2911190

Lunar Features: Hermite A Crater, Hermite Crater
Centroid Latitude: 88.017
Centroid Longitude: 291.119
Area (km²): 20.03
Perimeter (km): 24.24
Pixel Scale Range (m): 2-20
Coverage (%): 10

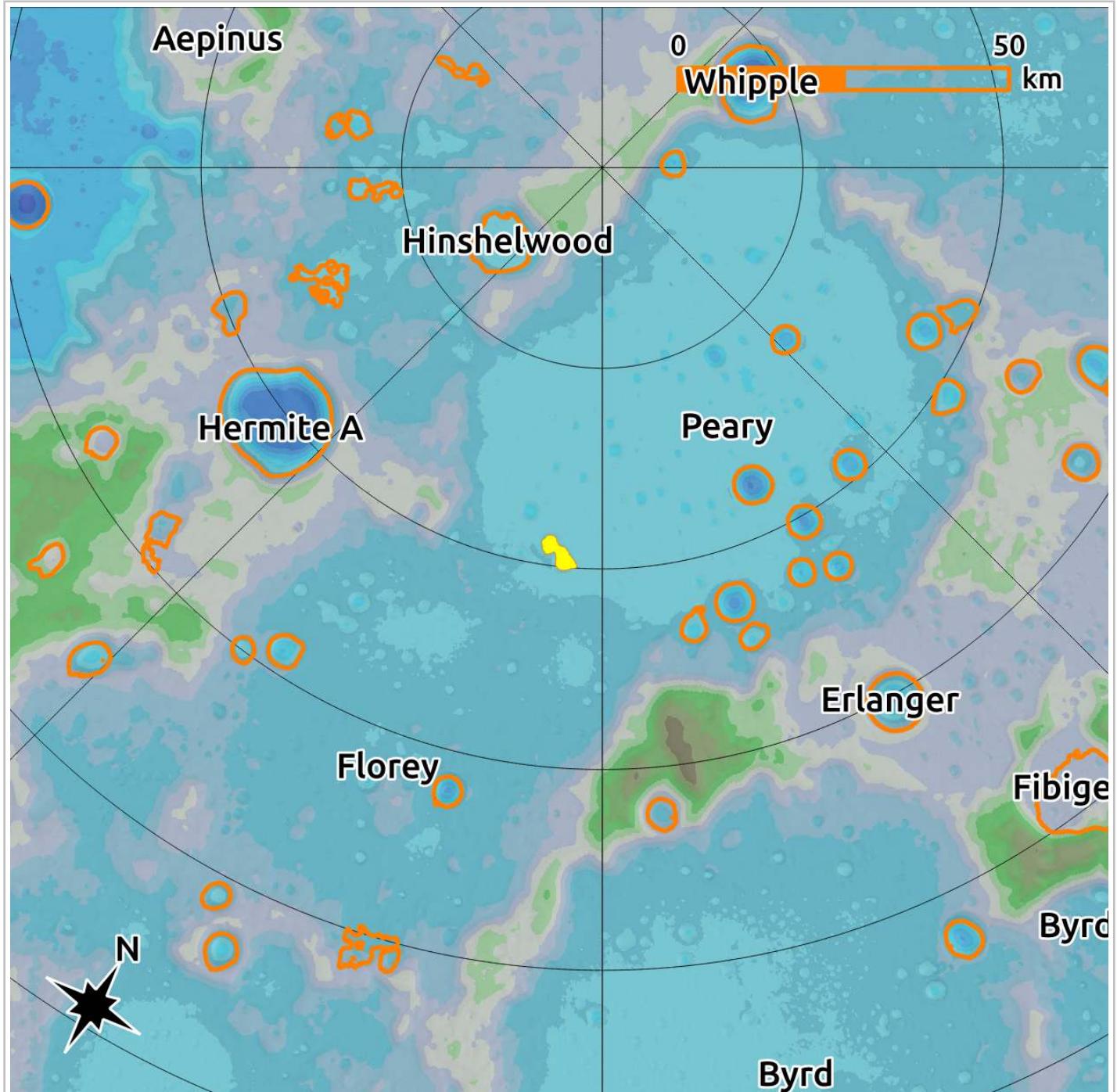
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_880170_2911190



NP_880640_3535280

Lunar Features: Peary Crater
Centroid Latitude: 88.064
Centroid Longitude: 353.528
Area (km²): 13.64
Perimeter (km): 24.12
Pixel Scale Range (m): 2-
Coverage (%): 0

Features of Interest:
Notes: No images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/NP_880640_3535280

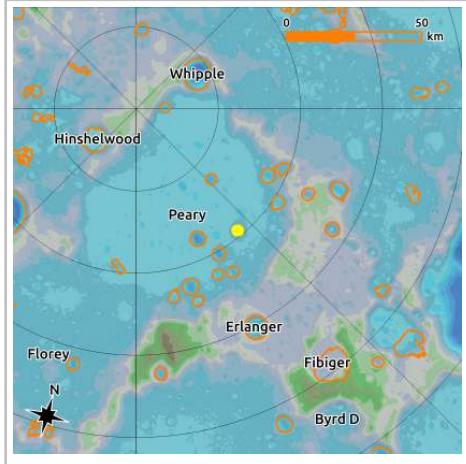


NP_880640_3535280_WAC_Color_Shade_context

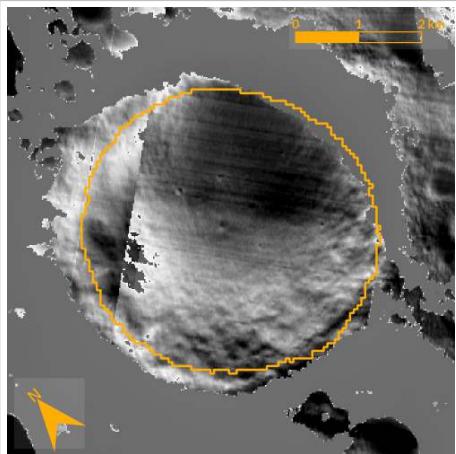
NP_880720_0398340

Lunar Features: Peary Crater
Centroid Latitude: 88.072
Centroid Longitude: 39.834
Area (km²): 16.62
Perimeter (km): 19.08
Pixel Scale Range (m): 2-20
Coverage (%): 80

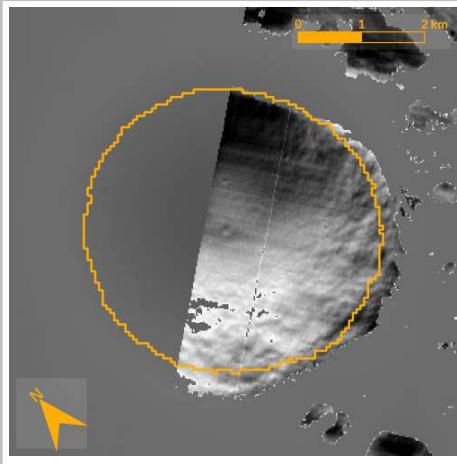
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_880720_0398340



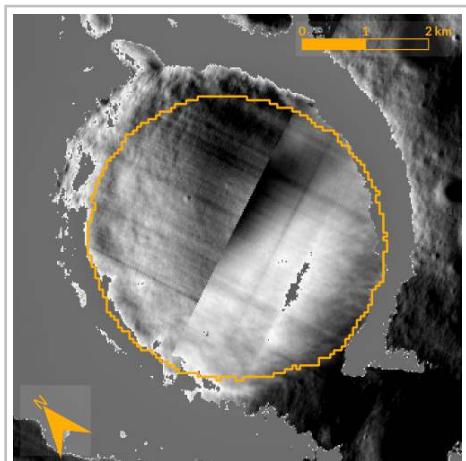
NP_880720_0398340_WAC_Color_Shade_context



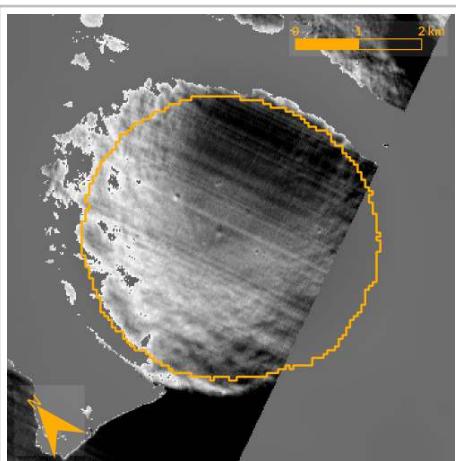
NP_880720_0398340_2013-058



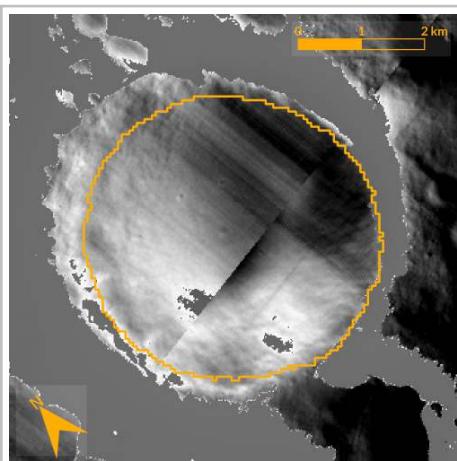
NP_880720_0398340_2013-085



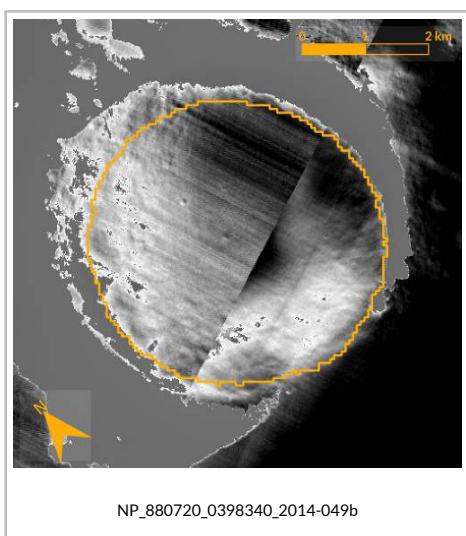
NP_880720_0398340_2014-021



NP_880720_0398340_2014-048



NP_880720_0398340_2014-049a

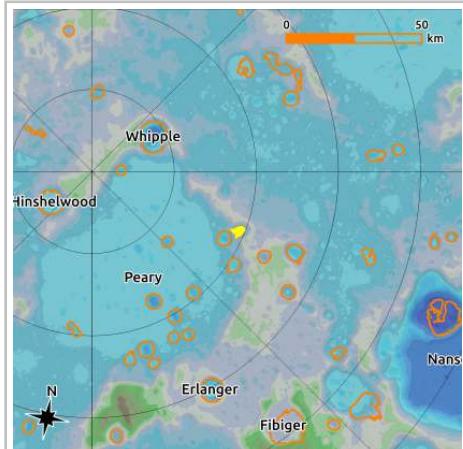


NP_880720_0398340_2014-049b

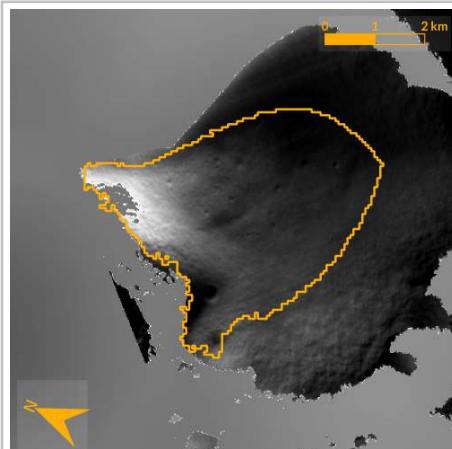
NP_880750_0677420

Lunar Features: Peary Crater
Centroid Latitude: 88.075
Centroid Longitude: 67.742
Area (km²): 16.18
Perimeter (km): 26.16
Pixel Scale Range (m): 2-20
Coverage (%): 100

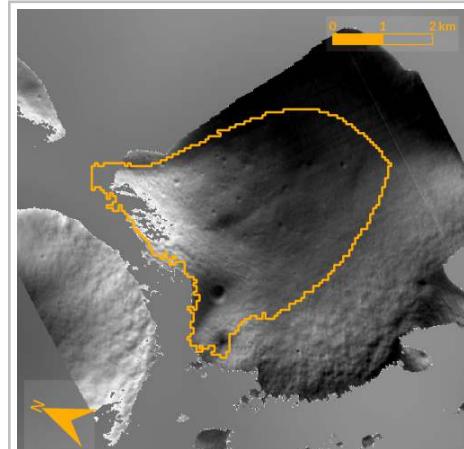
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_880750_0677420



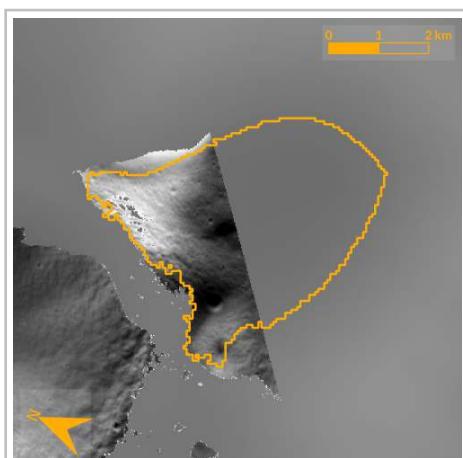
NP_880750_0677420_WAC_Color_Shade_context



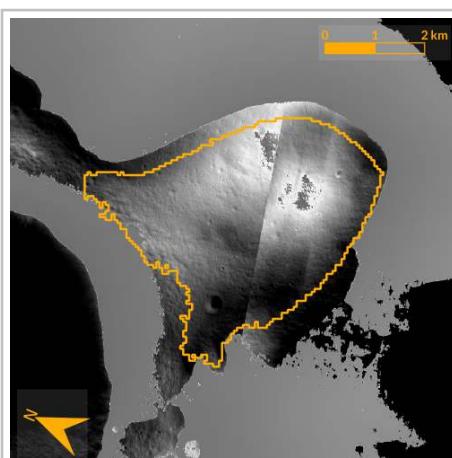
NP_880750_0677420_2013-055a



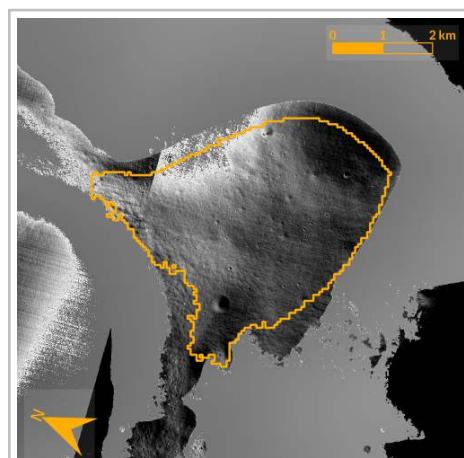
NP_880750_0677420_2013-055b



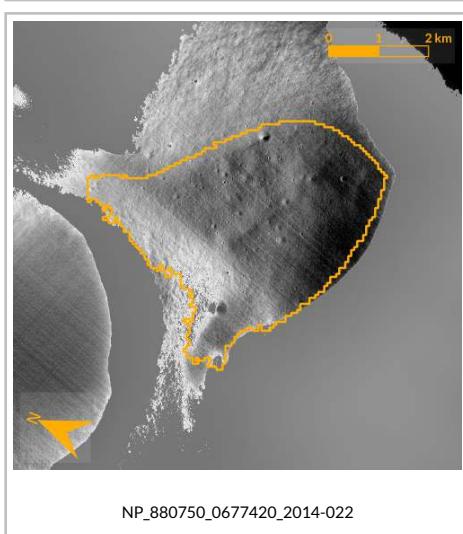
NP_880750_0677420_2013-056



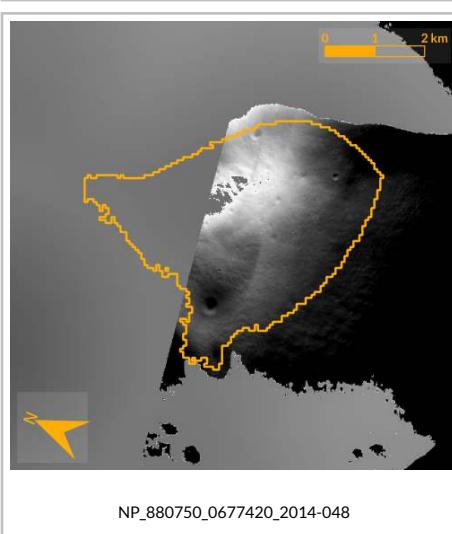
NP_880750_0677420_2014-020



NP_880750_0677420_2014-021



NP_880750_0677420_2014-022

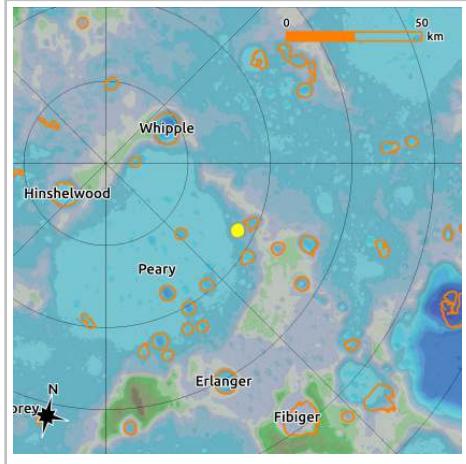


NP_880750_0677420_2014-048

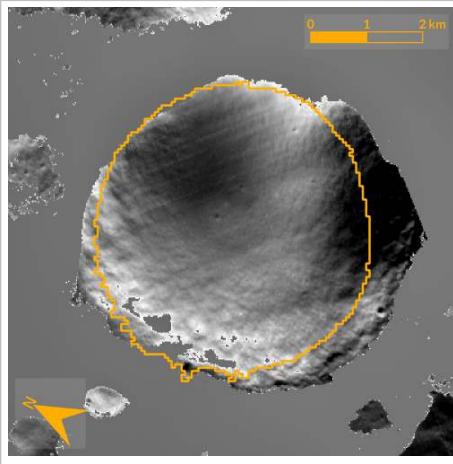
NP_881980_0630100

Lunar Features: Peary Crater
Centroid Latitude: 88.198
Centroid Longitude: 63.01
Area (km²): 20.16
Perimeter (km): 22.92
Pixel Scale Range (m): 2-20
Coverage (%): 100

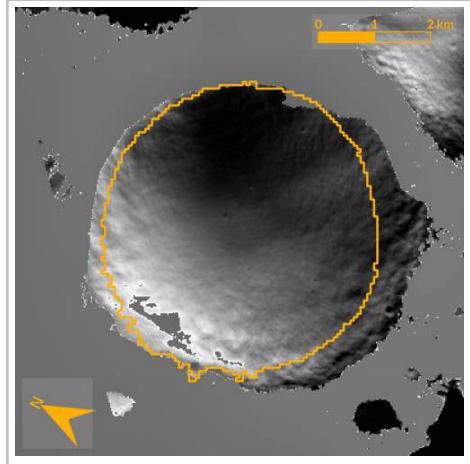
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_881980_0630100



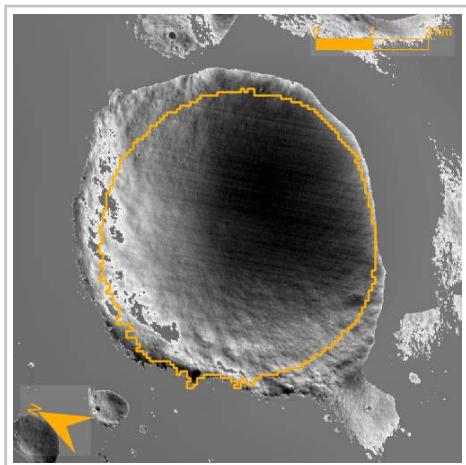
NP_881980_0630100_WAC_Color_Shade_context



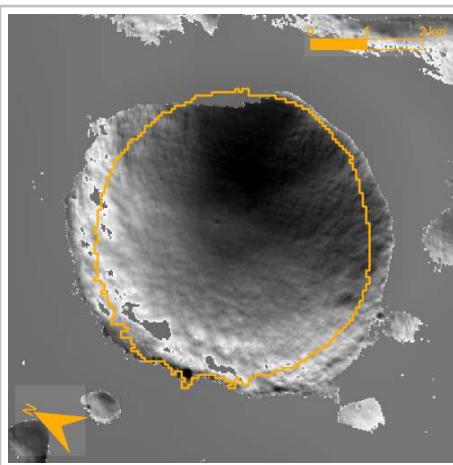
NP_881980_0630100_2013-055



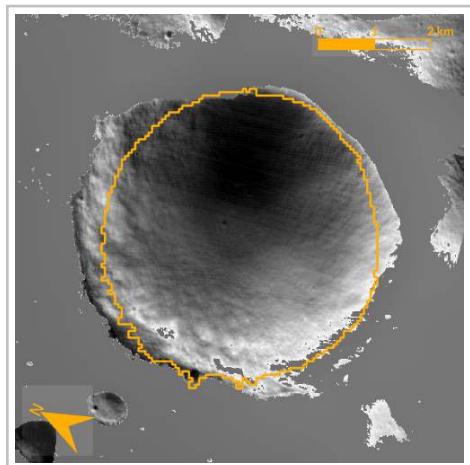
NP_881980_0630100_2013-056



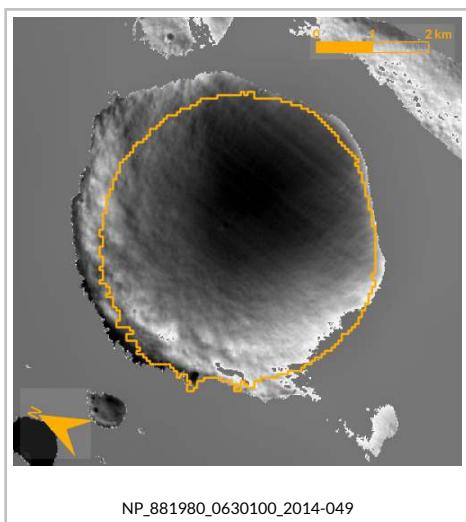
NP_881980_0630100_2014-020



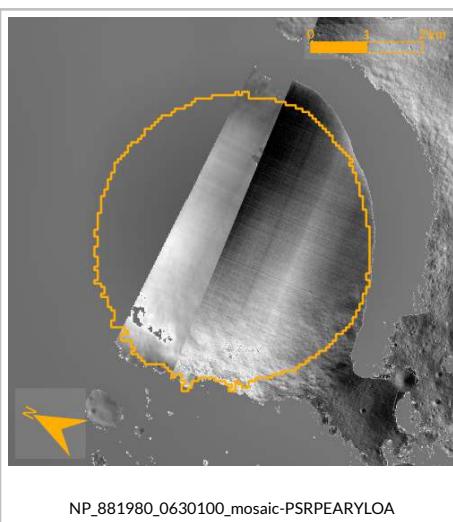
NP_881980_0630100_2014-047



NP_881980_0630100_2014-048



NP_881980_0630100_2014-049

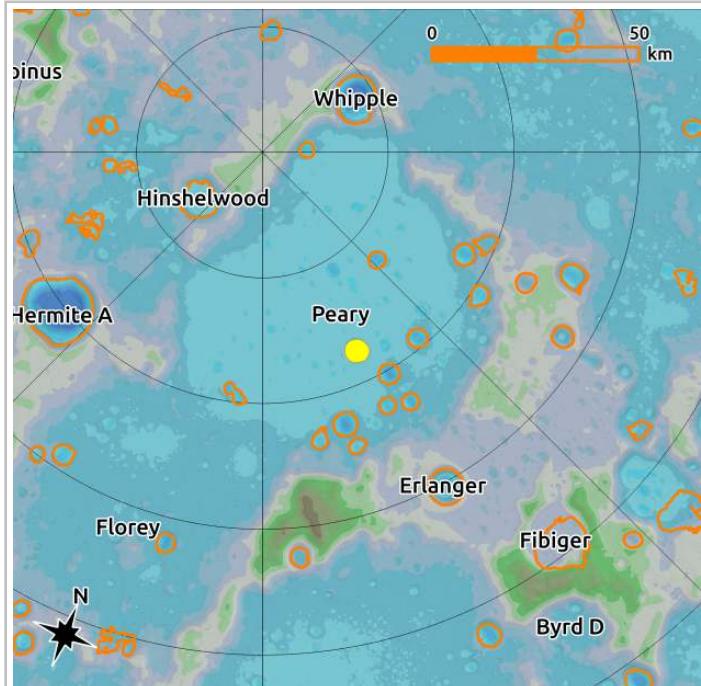


NP_881980_0630100_mosaic-PSRPEARLYLOA

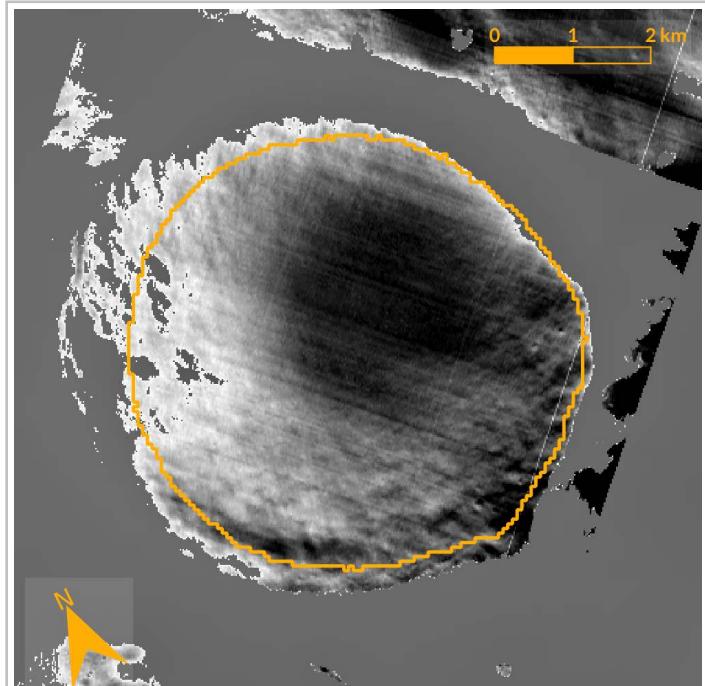
NP_882480_0254150

Lunar Features: Peary Crater
Centroid Latitude: 88.248
Centroid Longitude: 25.415
Area (km²): 25.43
Perimeter (km): 23.52
Pixel Scale Range (m): 2-20
Coverage (%): 100

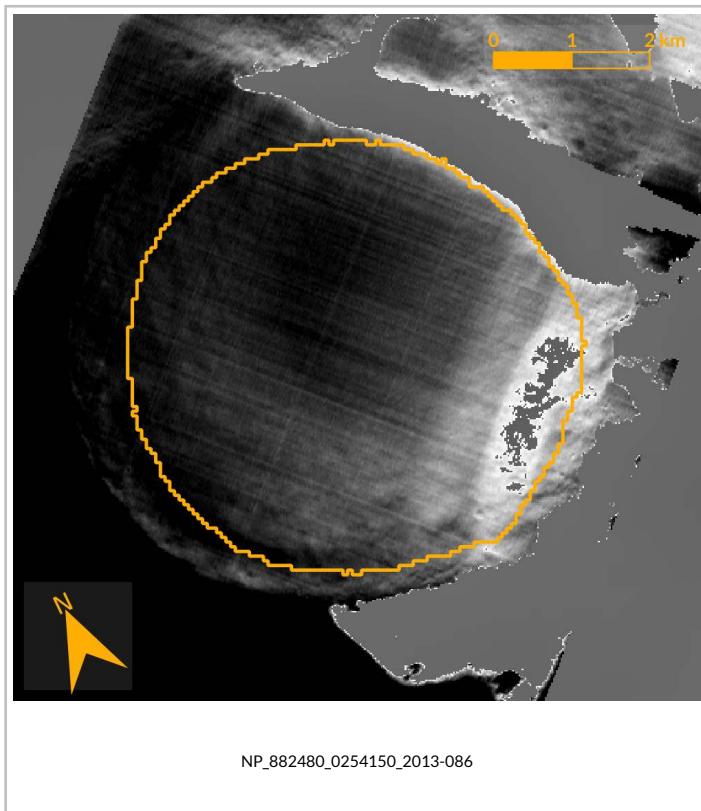
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/NP_882480_0254150



NP_882480_0254150_WAC_Color_Shade_context



NP_882480_0254150_2013-059

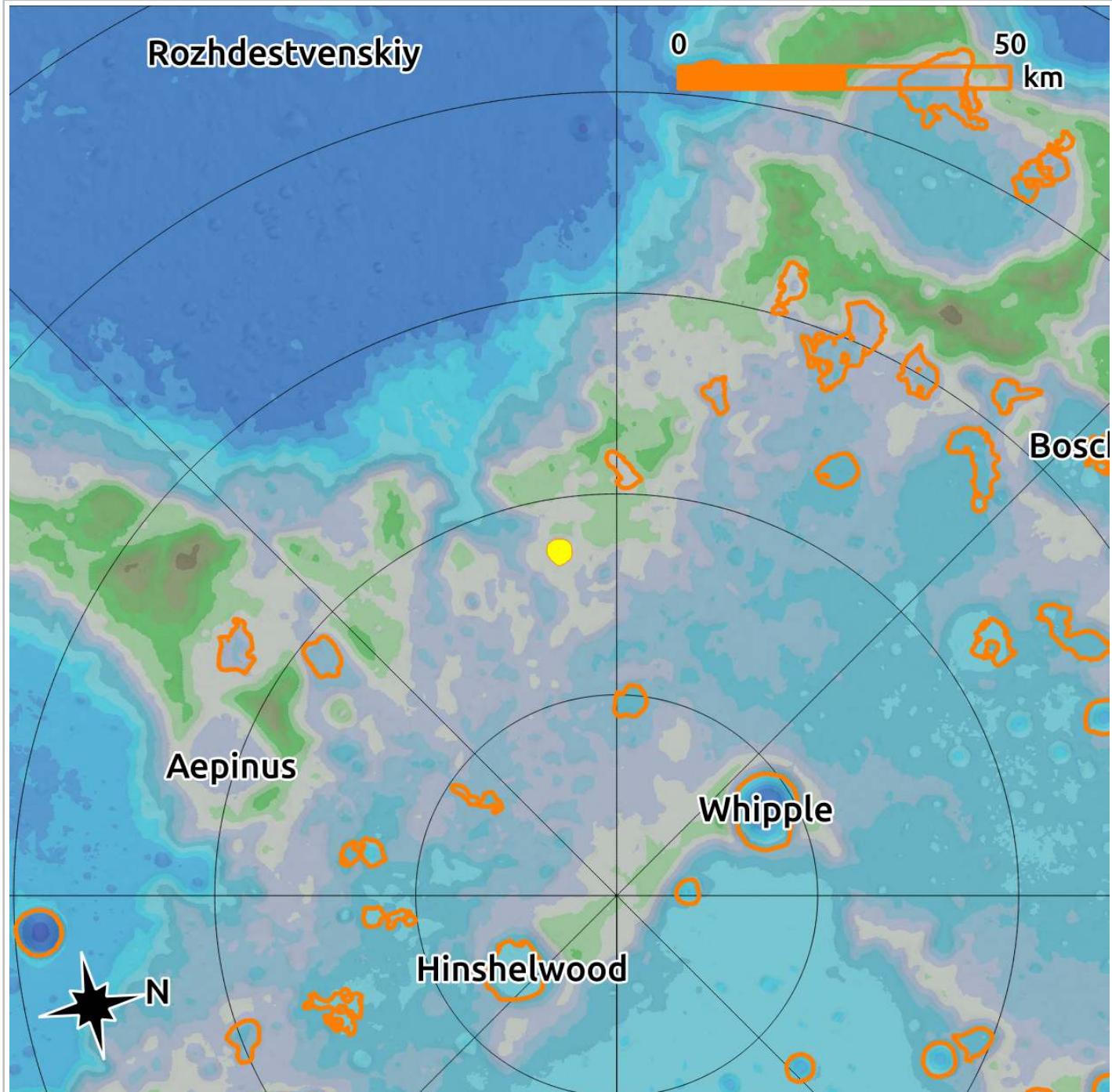


NP_882480_0254150_2013-086

NP_882640_1894050

Lunar Features: Whipple Crater, Rozhdestvenskiy Crater
Centroid Latitude: 88.264
Centroid Longitude: 189.405
Area (km²): 11.78
Perimeter (km): 15.96
Pixel Scale Range (m): 2-
Coverage (%): 0

Features of Interest:
Notes: All PSR images are of poor quality as of 2012-285
Image Lists: lroc.sese.asu.edu/psr/NP_882640_1894050

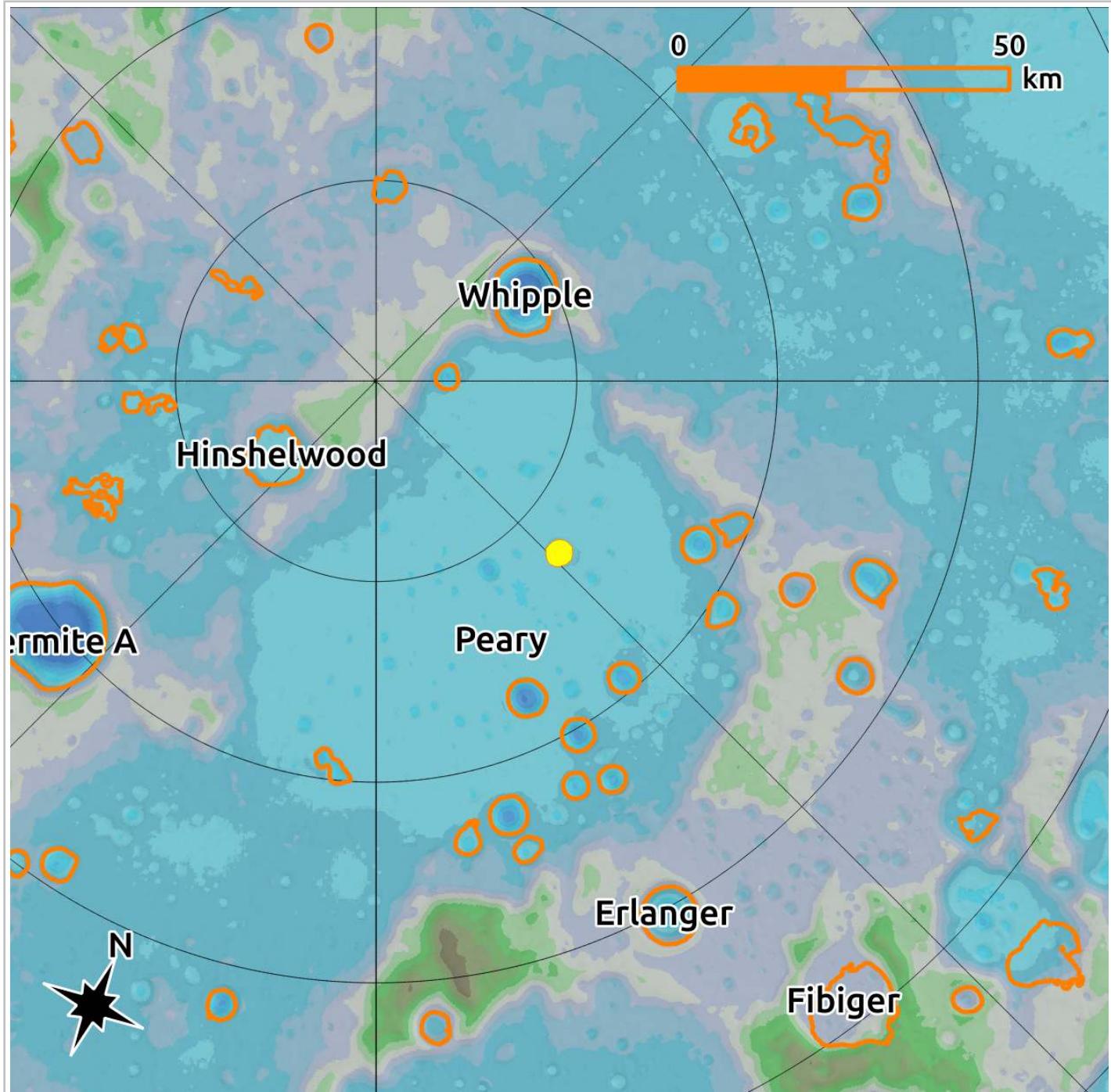


NP_882640_1894050_WAC_Color_Shade_context

NP_887480_0467480

Lunar Features: Peary Crater
Centroid Latitude: 88.748
Centroid Longitude: 46.748
Area (km²): 13.24
Perimeter (km): 17.16
Pixel Scale Range (m): 2-20
Coverage (%): 0

Features of Interest:
Notes: No good images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/NP_887480_0467480

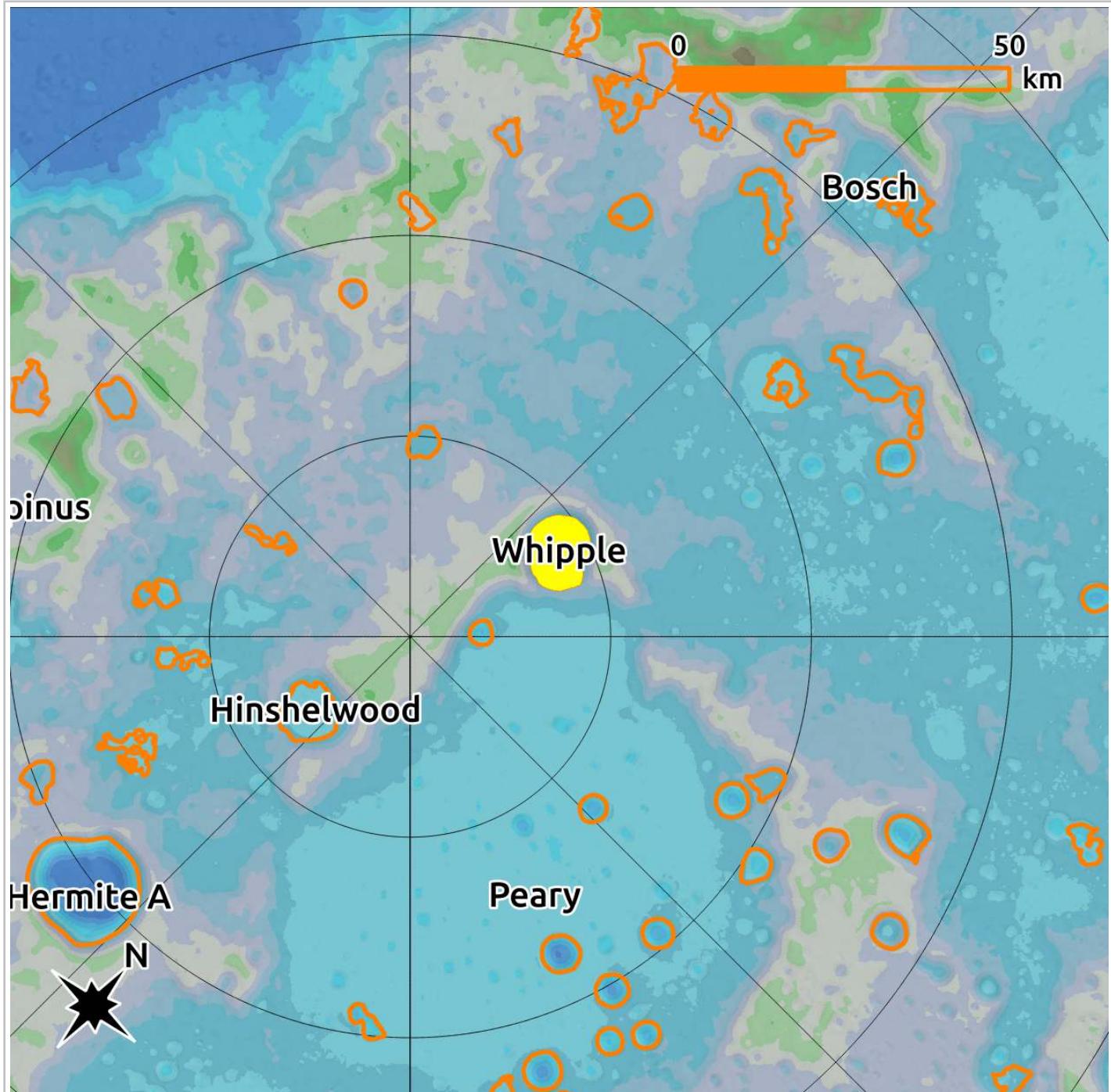


NP_887480_0467480_WAC_Color_Shade_context

NP_891470_1195350

Lunar Features: Whipple Crater
Centroid Latitude: 89.147
Centroid Longitude: 119.535
Area (km²): 86.86
Perimeter (km): 45.12
Pixel Scale Range (m): 2-11
Coverage (%): 95

Features of Interest:
Notes: No good images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/NP_891470_1195350

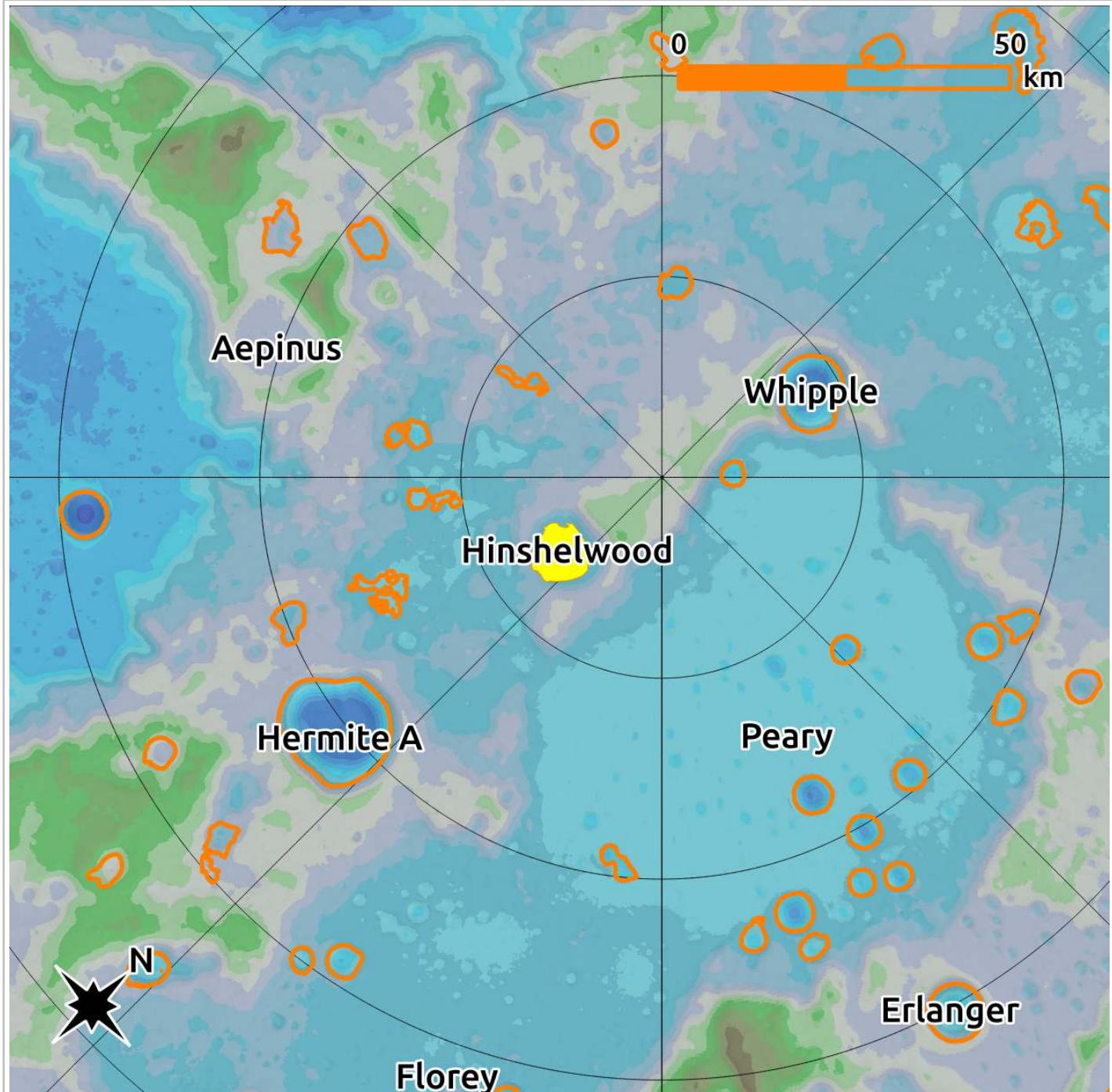


NP_891470_1195350_WAC_Color_Shade_context

NP_893680_3071360

Lunar Features: Hinshelwood Crater,
Centroid Latitude: 89.368
Centroid Longitude: 307.136
Area (km²): 60.07
Perimeter (km): 45.36
Pixel Scale Range (m): 2-
Coverage (%): 0

Features of Interest:
Notes: No good images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/NP_893680_3071360

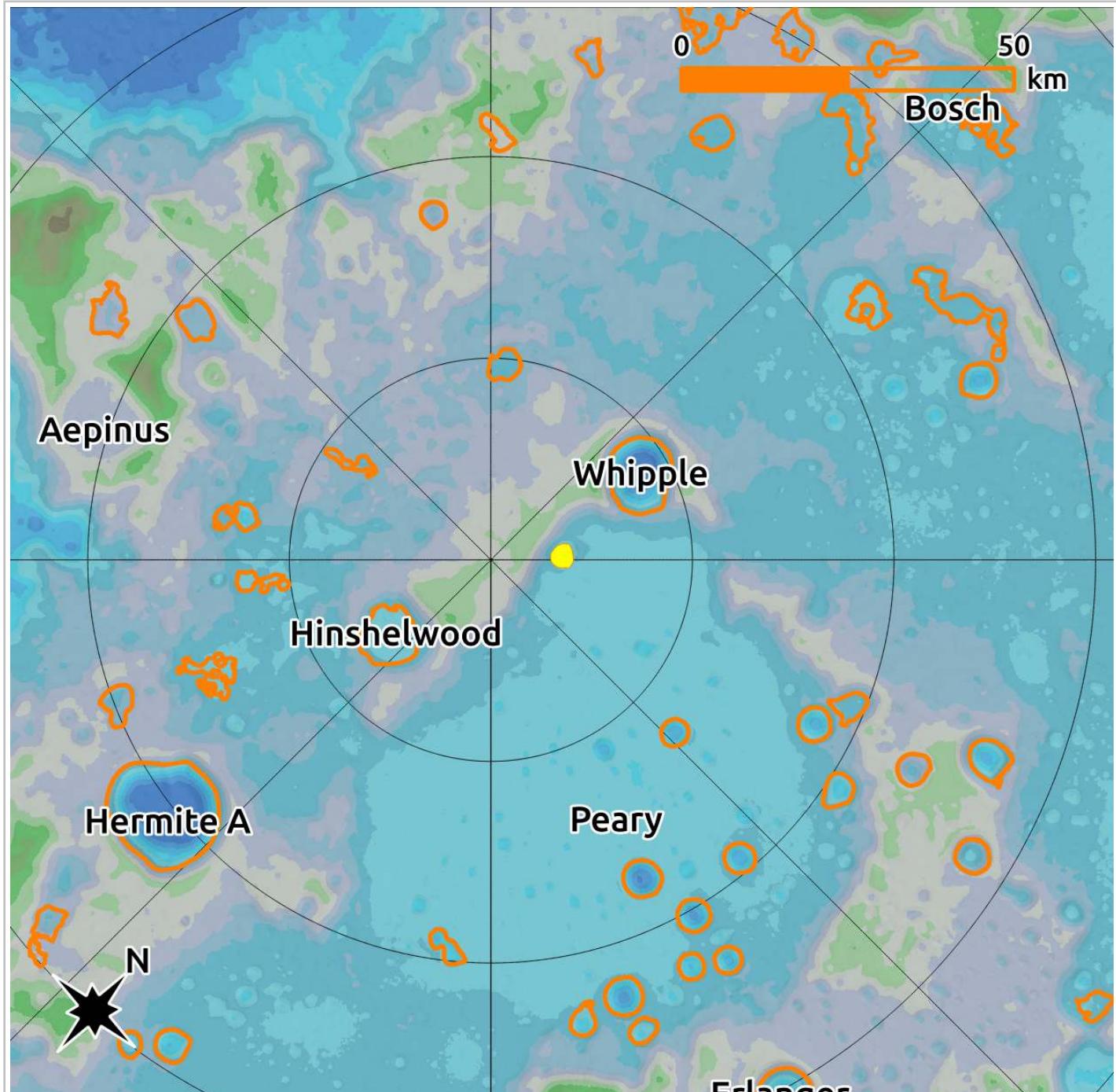


NP_893680_3071360_WAC_Color_Shade_context

NP_896440_0928340

Lunar Features: Whipple Crater, Peary Crater
Centroid Latitude: 89.644
Centroid Longitude: 92.834
Area (km²): 10.08
Perimeter (km): 15.0
Pixel Scale Range (m): 2-2
Coverage (%): 0

Features of Interest:
Notes: No images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/NP_896440_0928340

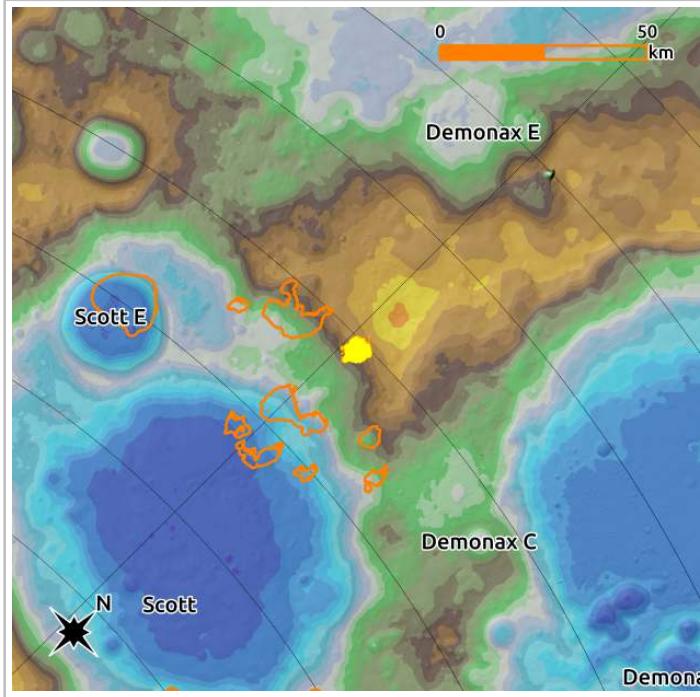


NP_896440_0928340_WAC_Color_Shade_context

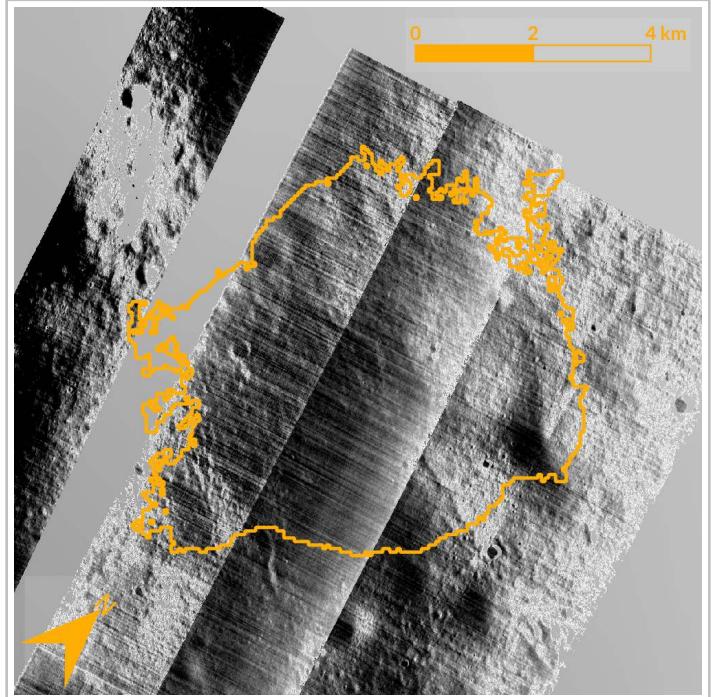
SP_800780_0456630

Lunar Features: Scott Crater
Centroid Latitude: -80.078
Centroid Longitude: 45.663
Area (km²): 37.08
Perimeter (km): 77.52
Pixel Scale Range (m): 10-
Coverage (%): 75

Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_800780_0456630



SP_800780_0456630_WAC_Color_Shade_context

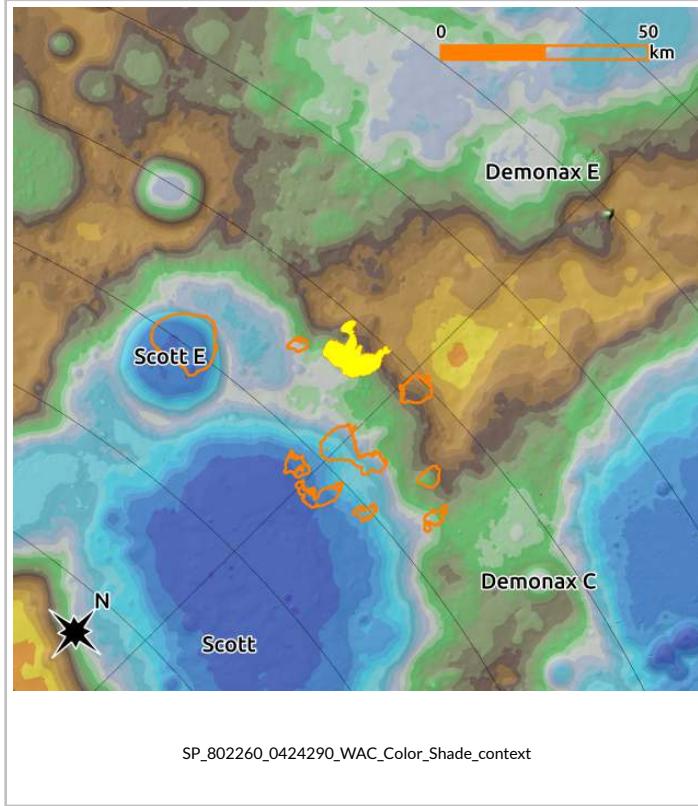


SP_800780_0456630_2016-282

SP_802260_0424290

Lunar Features: Scott E, Scott
Centroid Latitude: -80.226
Centroid Longitude: 42.429
Area (km²): 99.56
Perimeter (km): 121.08
Pixel Scale Range (m): 10-10
Coverage (%): 50

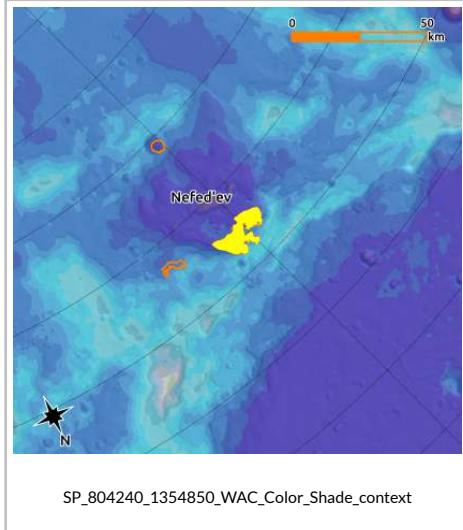
Features of Interest: 2017-188 (M1254088352R): 42.801, -80.291 (S486 L1140) - ridges or fractures on sides of mound
Notes: Images added 17-07-11
Image Lists: lroc.sese.asu.edu/psr/SP_802260_0424290



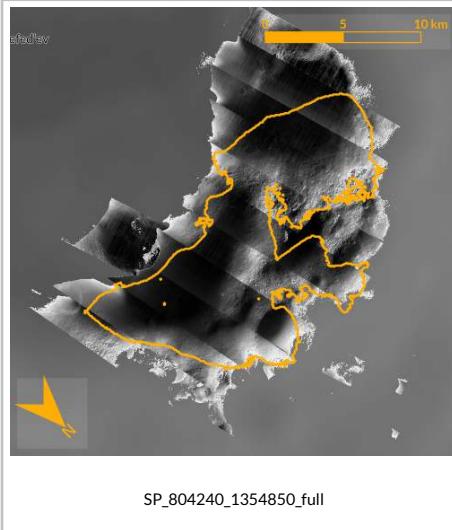
SP_804240_1354850

Lunar Features: Nefed'ev Crater,
Centroid Latitude: -80.424
Centroid Longitude: 135.485
Area (km²): 155.07
Perimeter (km): 171.84
Pixel Scale Range (m): 8-12
Coverage (%): 100

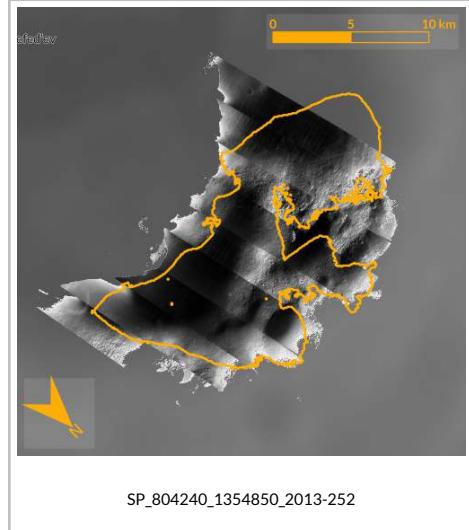
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_804240_1354850



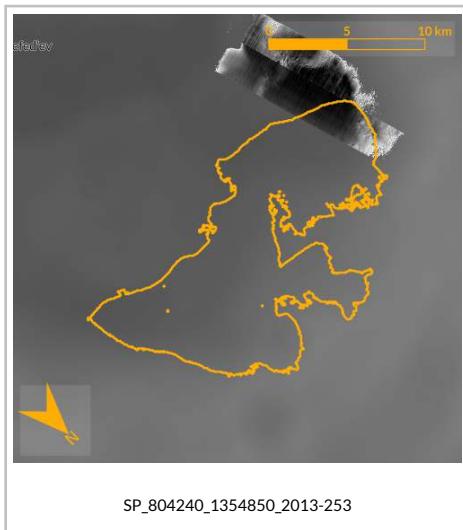
SP_804240_1354850_WAC_Color_Shade_context



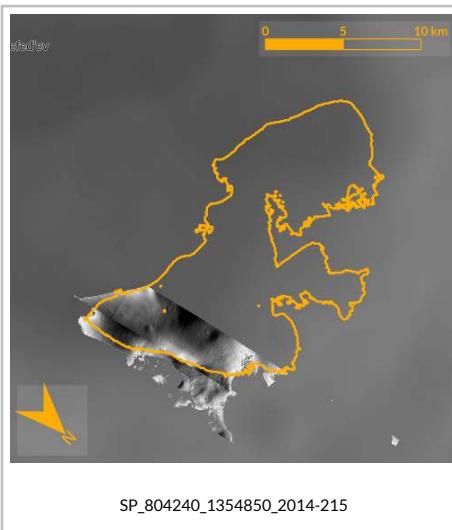
SP_804240_1354850_full



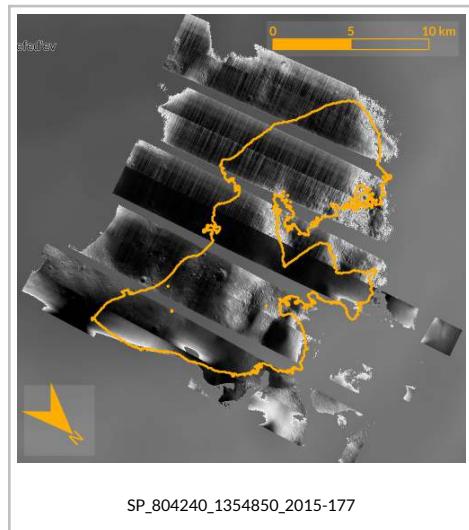
SP_804240_1354850_2013-252



SP_804240_1354850_2013-253



SP_804240_1354850_2014-215

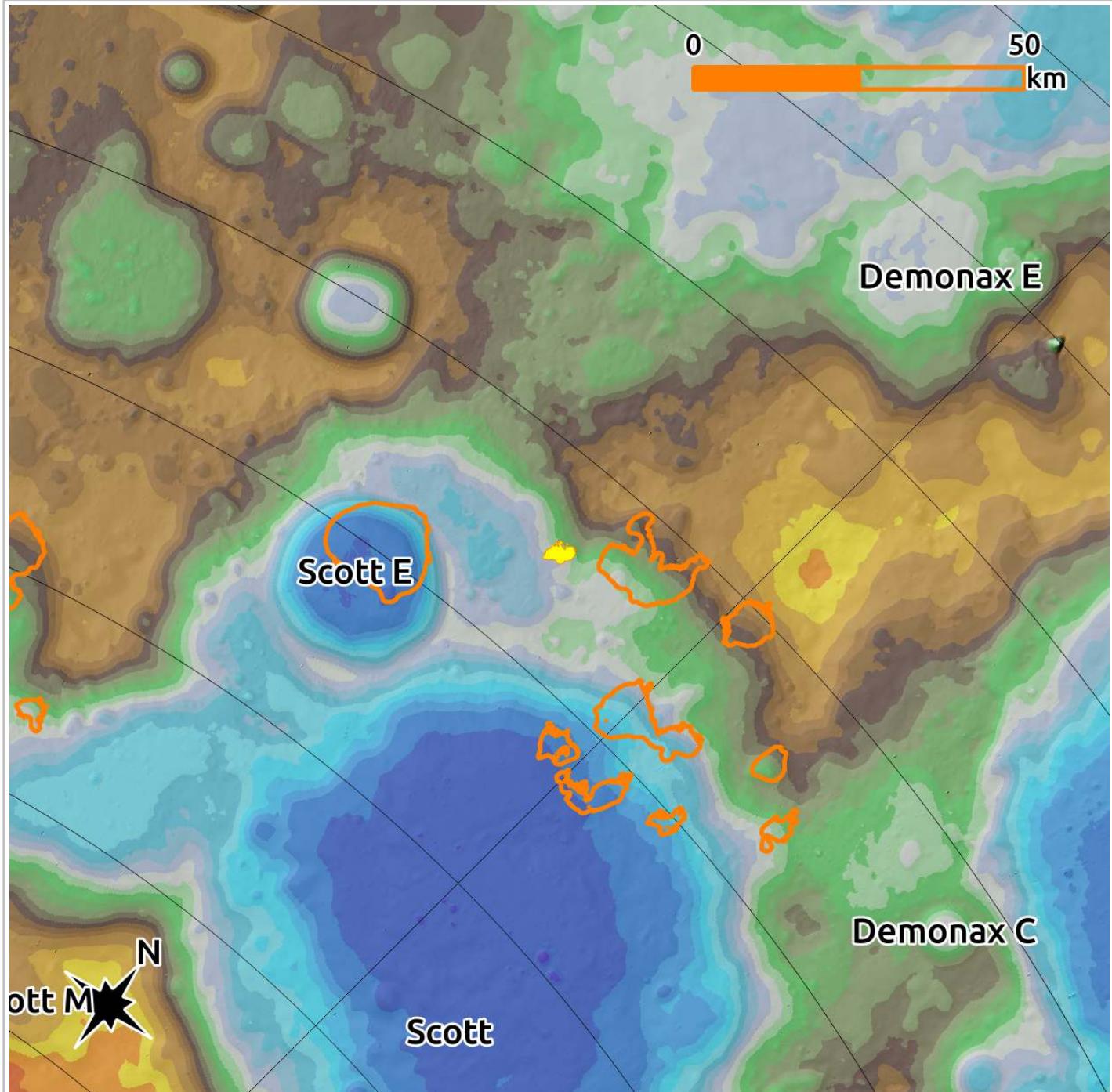


SP_804240_1354850_2015-177

SP_804520_0401760

Lunar Features: Scott E
Centroid Latitude: -80.452
Centroid Longitude: 40.176
Area (km²): 10.00
Perimeter (km): 31.56
Pixel Scale Range (m): -
Coverage (%): 0

Features of Interest:
Notes: No images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/SP_804520_0401760

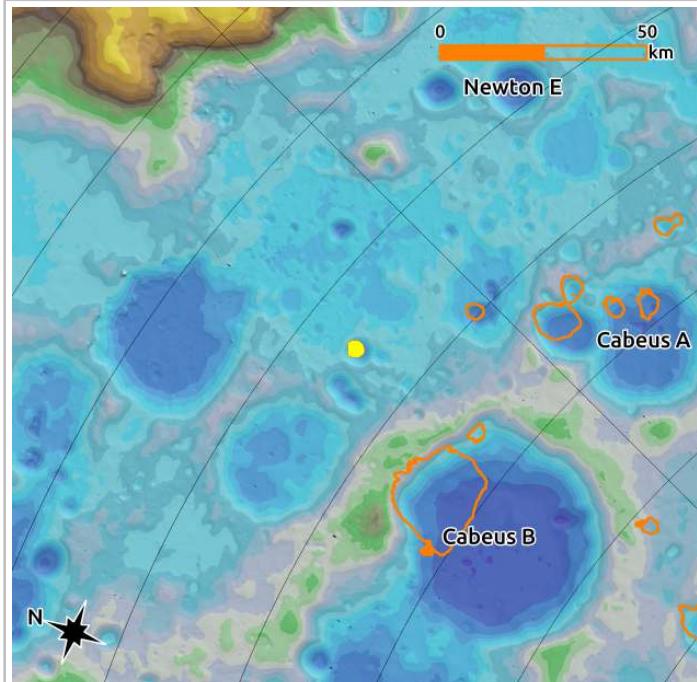


SP_804520_0401760_WAC_Color_Shade_context

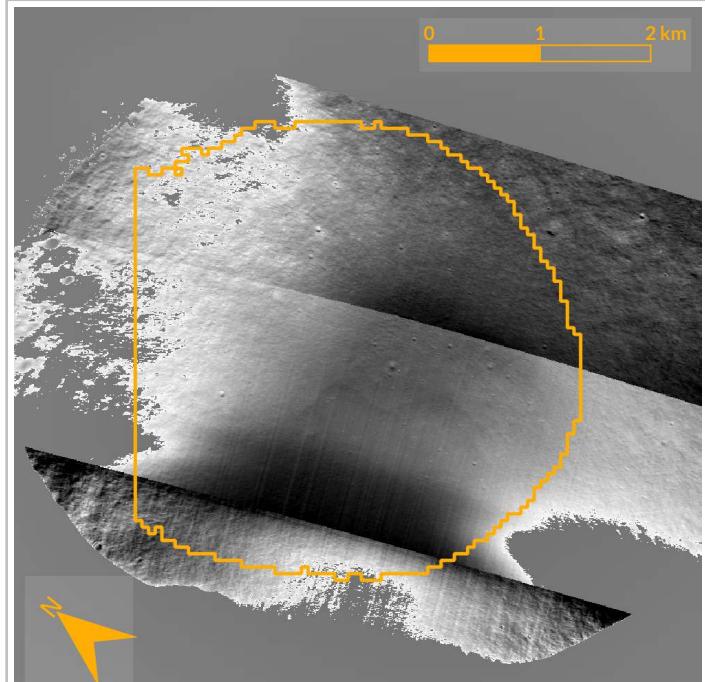
SP_804590_3088780

Lunar Features: Cabeus A , Cabeus B
Centroid Latitude: -80.459
Centroid Longitude: 308.878
Area (km²): 15.01
Perimeter (km): 24.2345
Pixel Scale Range (m): 7-10
Coverage (%): 100

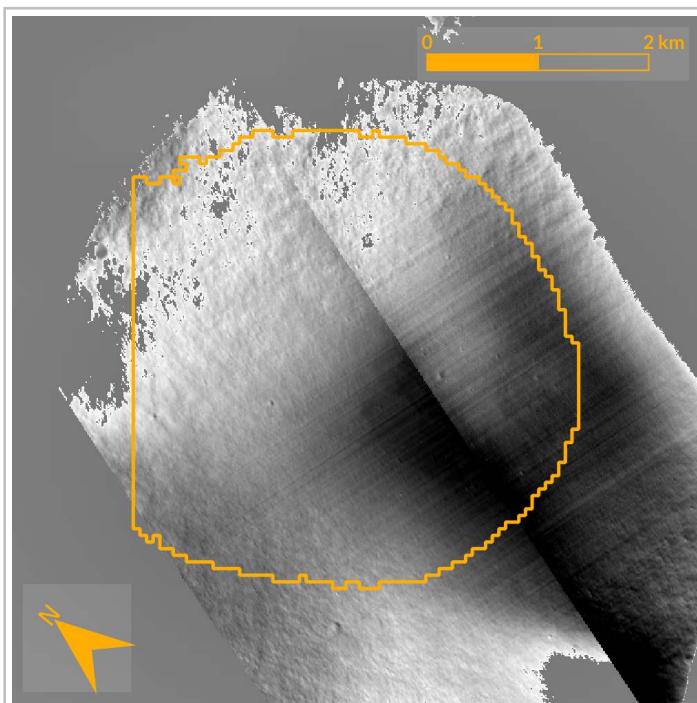
Features of Interest: 2016-289 (M1231202918R): 309.405, -80.559 (S1013 L325) - bright crater. 2016-289 (M1231209953L): 308.431, -80.401 (S324 L326) - bright portion of crater wall
Notes:
[Image Lists: lroc.sese.asu.edu/psr/SP_804590_3088780](http://lroc.sese.asu.edu/psr/SP_804590_3088780)



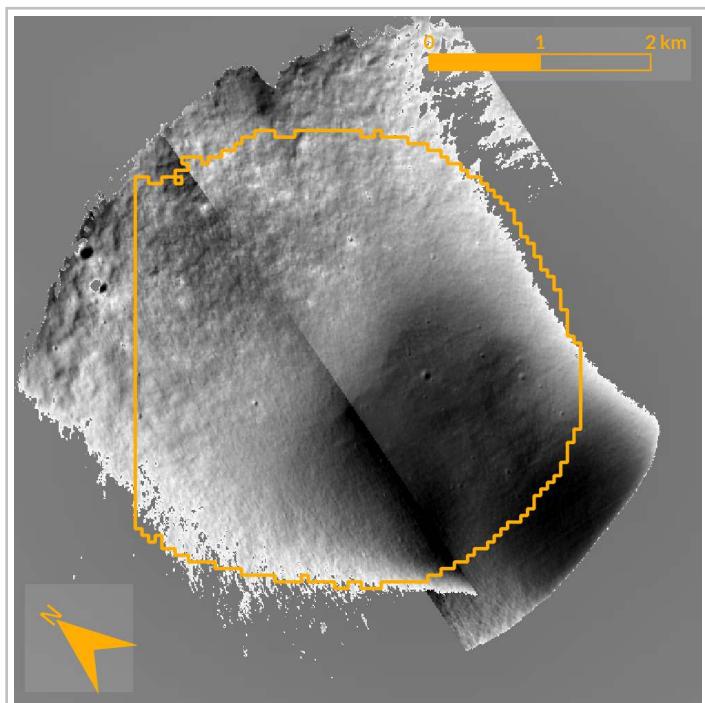
SP_804590_3088780_WAC_Color_Shade_context



SP_804590_3088780_2016-289



SP_804590_3088780_2016-327

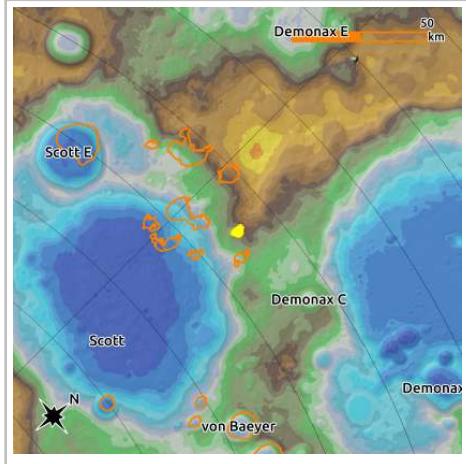


SP_804590_3088780_2016-354

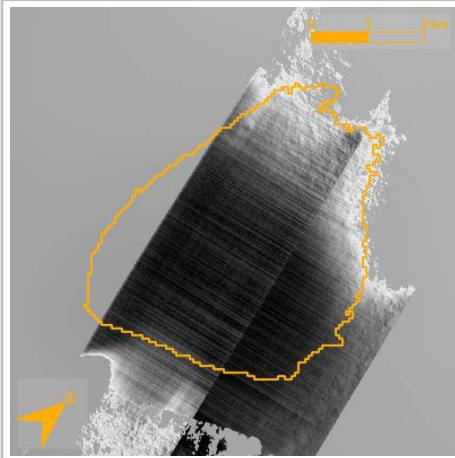
SP_804650_0491050

Lunar Features: Demonax C , Scott Crater,
Centroid Latitude: -80.465
Centroid Longitude: 49.105
Area (km²): 17.99
Perimeter (km): 24.84
Pixel Scale Range (m): 7-9
Coverage (%): 75

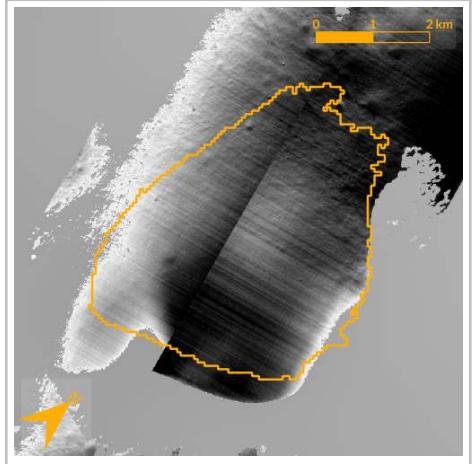
Features of Interest:
Notes: New images added 2017-05 and 2017-07
Image Lists: lroc.sese.asu.edu/psr/SP_804650_0491050



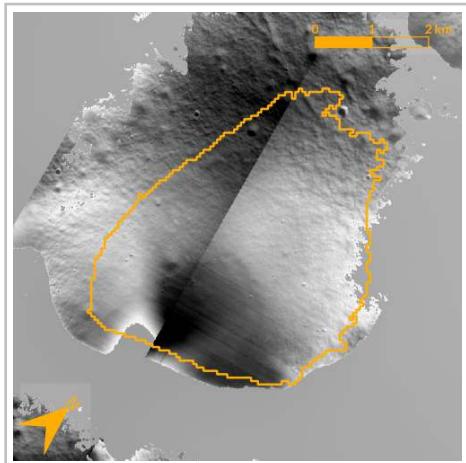
SP_804650_0491050_WAC_Color_Shade_context



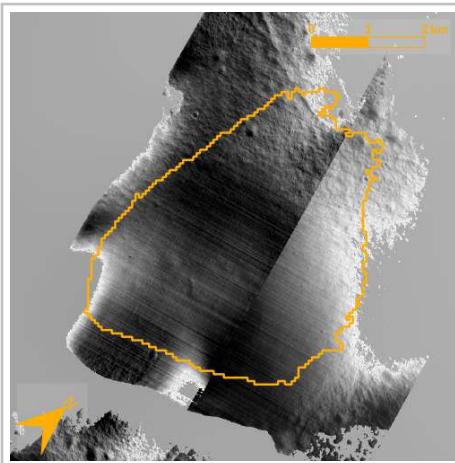
SP_804650_0491050_2016-281



SP_804650_0491050_2017-133



SP_804650_0491050_2017-188

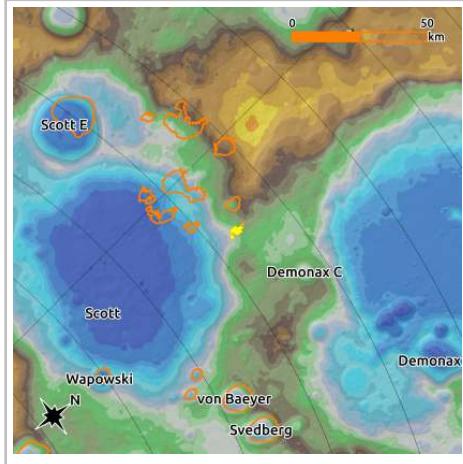


SP_804650_0491050_2017-242

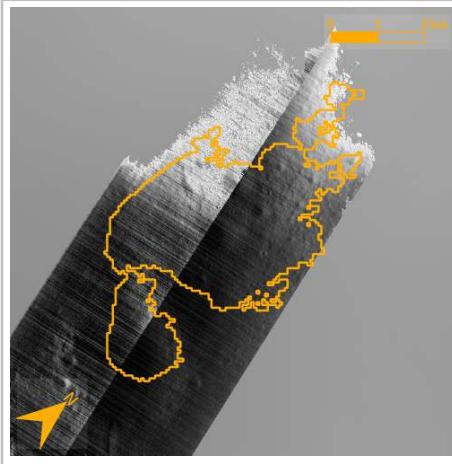
SP_806510_0507610

Lunar Features: Demonax C , Scott Crater,
Centroid Latitude: -80.651
Centroid Longitude: 50.761
Area (km²): 14.95
Perimeter (km): 52.8
Pixel Scale Range (m): 7-12
Coverage (%): 100

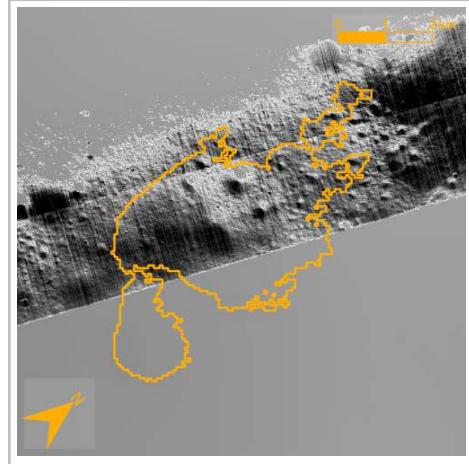
Features of Interest:
Notes: Images added 2017-05 and 2017-07
Image Lists: lroc.sese.asu.edu/psr/SP_806510_0507610



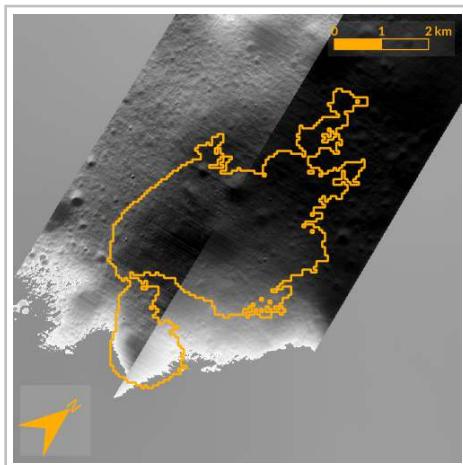
SP_806510_0507610_WAC_Color_Shade_context



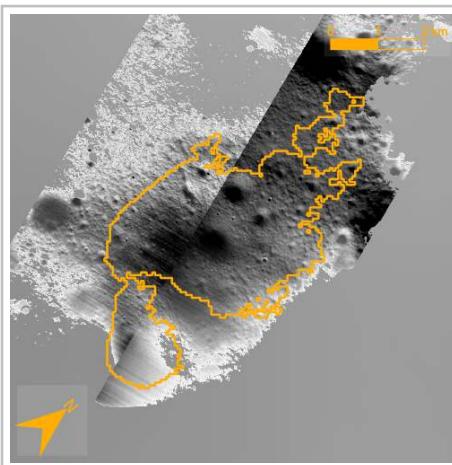
SP_806510_0507610_2016-281



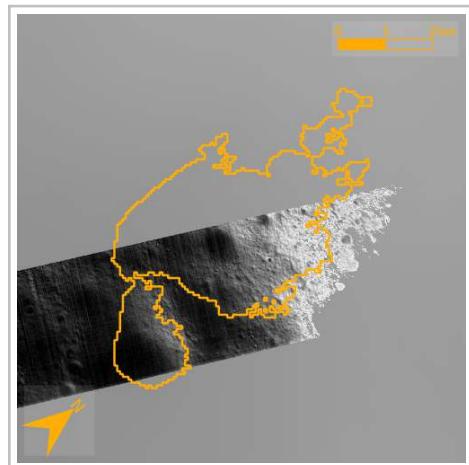
SP_806510_0507610_2016-319



SP_806510_0507610_2017-133



SP_806510_0507610_2017-188



SP_806510_0507610_2017-334

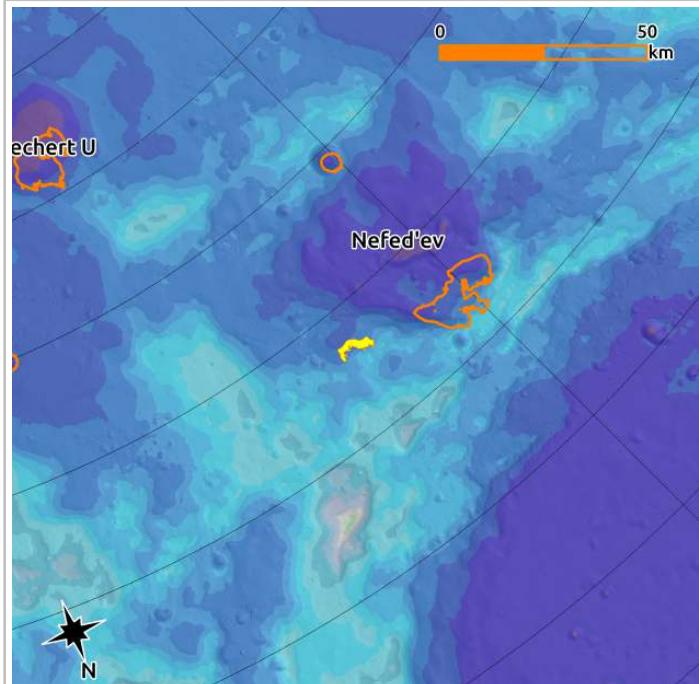
SP_806710_1408660

Lunar Features: Nefed'ev Crater, Schrödinger Crater
Centroid Latitude: -80.671
Centroid Longitude: 140.866
Area (km²): 18.67
Perimeter (km): 60.72
Pixel Scale Range (m): -
Coverage (%): 90

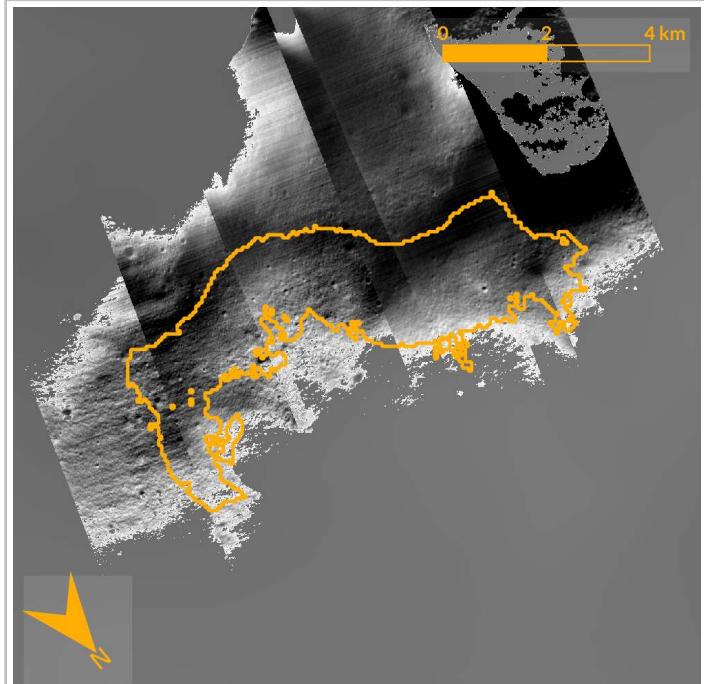
Features of Interest:

Notes:

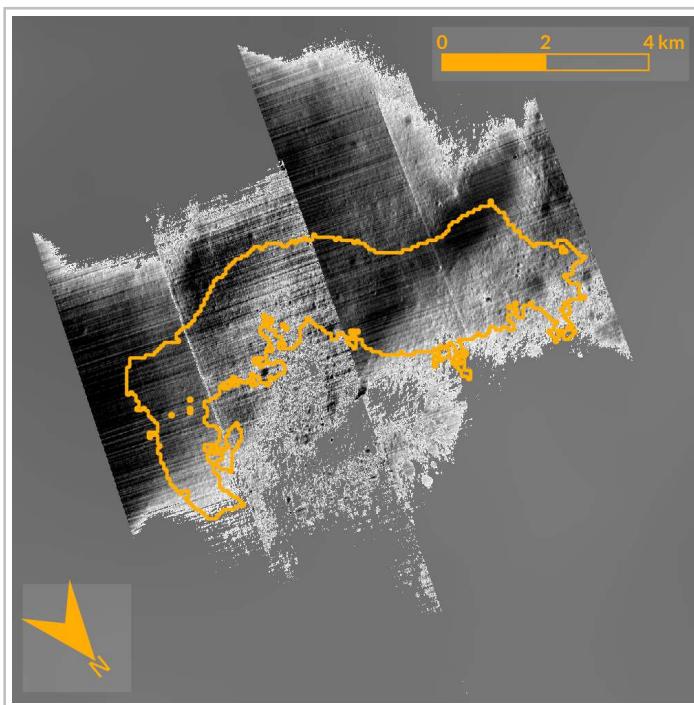
Image Lists: lroc.sese.asu.edu/psr/SP_806710_1408660



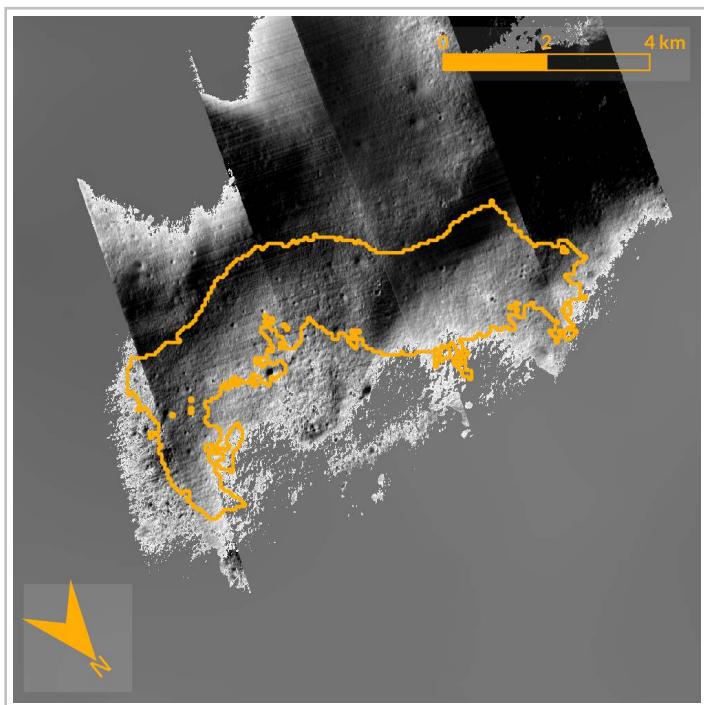
SP_806710_1408660_WAC_Color_Shade_context



SP_806710_1408660_2017-028



SP_806710_1408660_2017-300

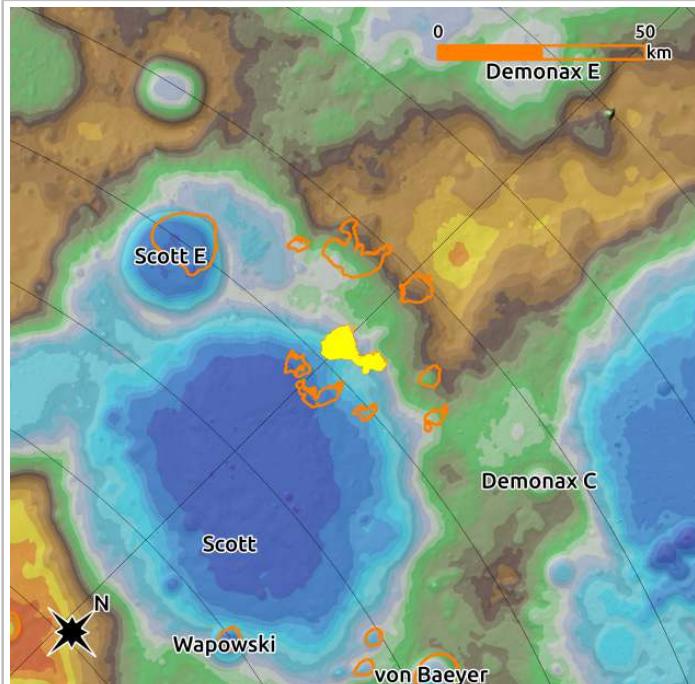


SP_806710_1408660_2017-328

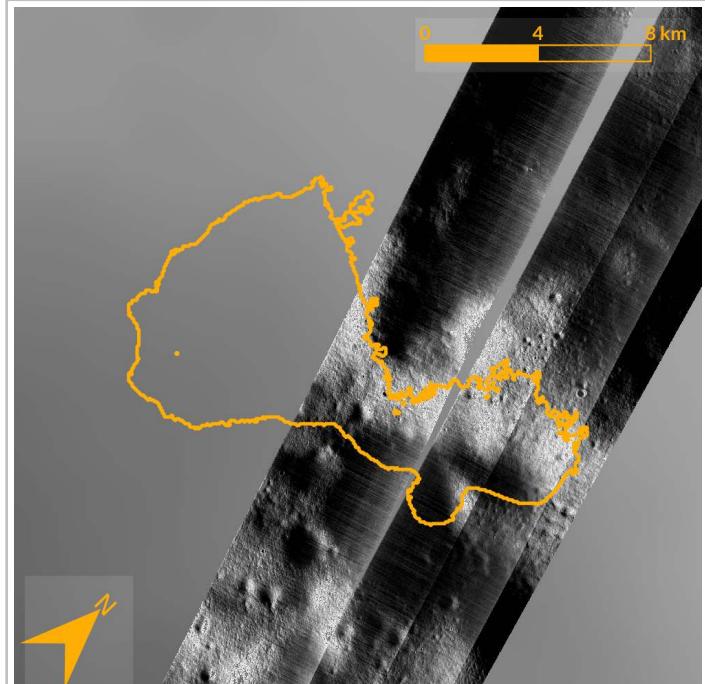
SP_807910_0455060

Lunar Features: Scott Crater,
Centroid Latitude: -80.791
Centroid Longitude: 45.506
Area (km²): 85.18
Perimeter (km): 109.08
Pixel Scale Range (m): 10-
Coverage (%): 60

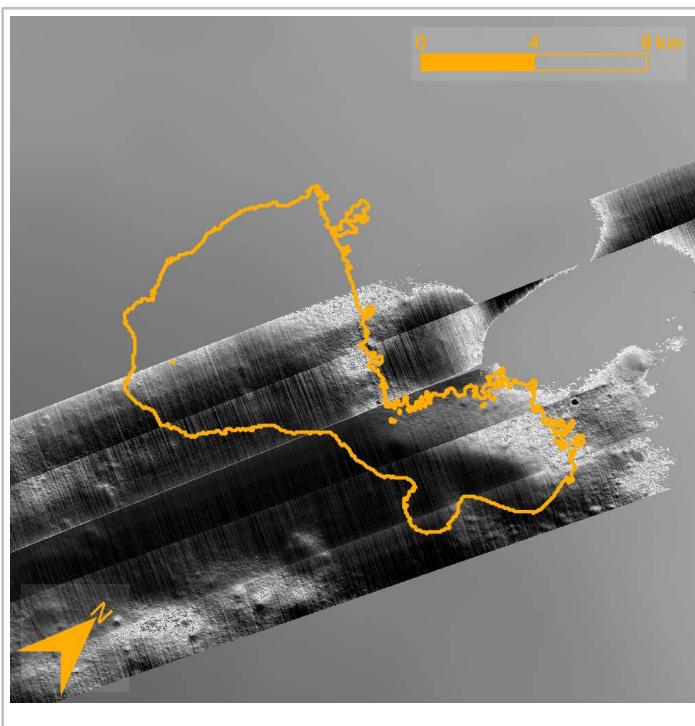
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_807910_0455060



SP_807910_0455060_WAC_Color_Shade_context



SP_807910_0455060_2016-282

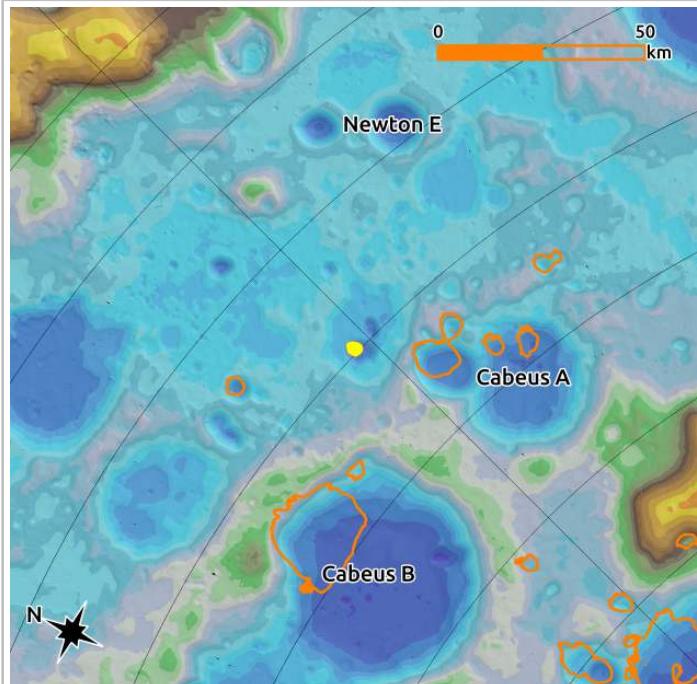


SP_807910_0455060_2016-319

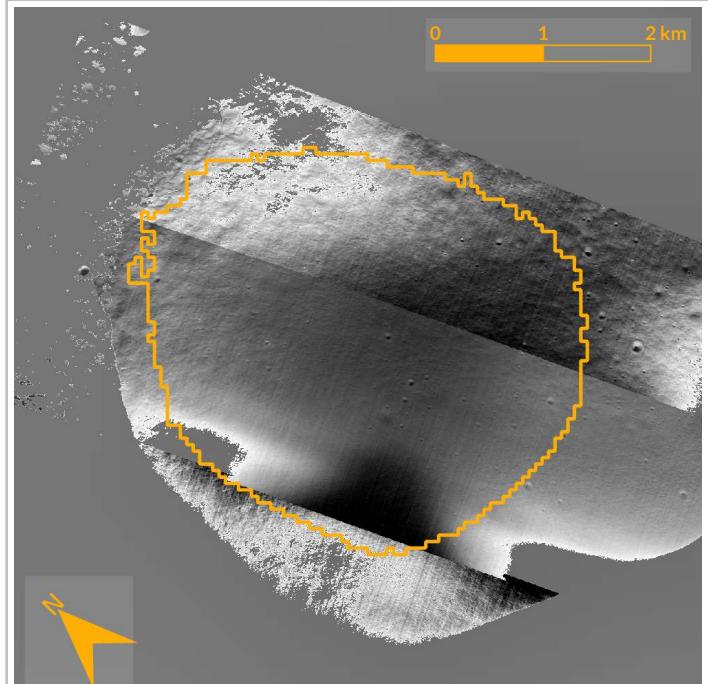
SP_809640_3141160

Lunar Features: Cabeus A,
Centroid Latitude: -80.964
Centroid Longitude: 314.116
Area (km²): 11.82
Perimeter (km): 18.12
Pixel Scale Range (m): 5-10
Coverage (%): 90

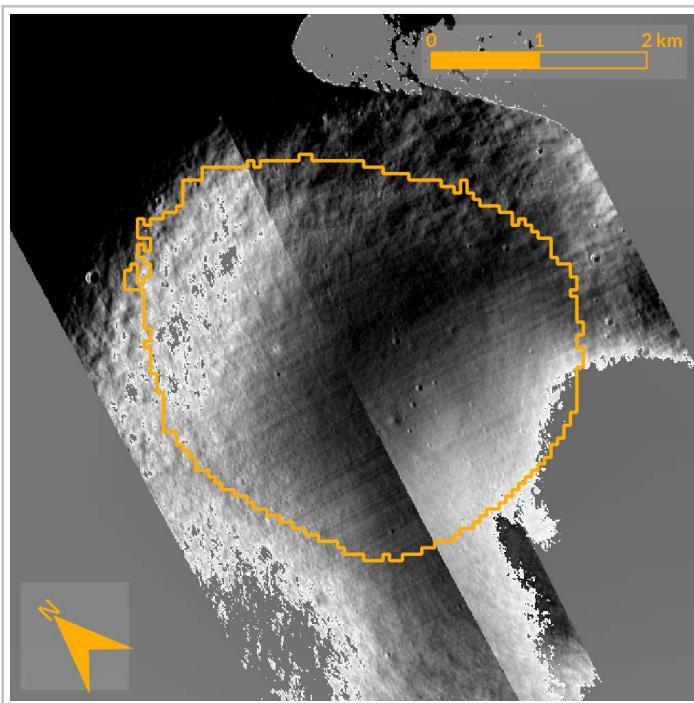
Features of Interest: 2016-289 (M1231174793R): 314.284, -80.914 (S542 L290) - brighter crater wall relative to other parts of the image
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_809640_3141160



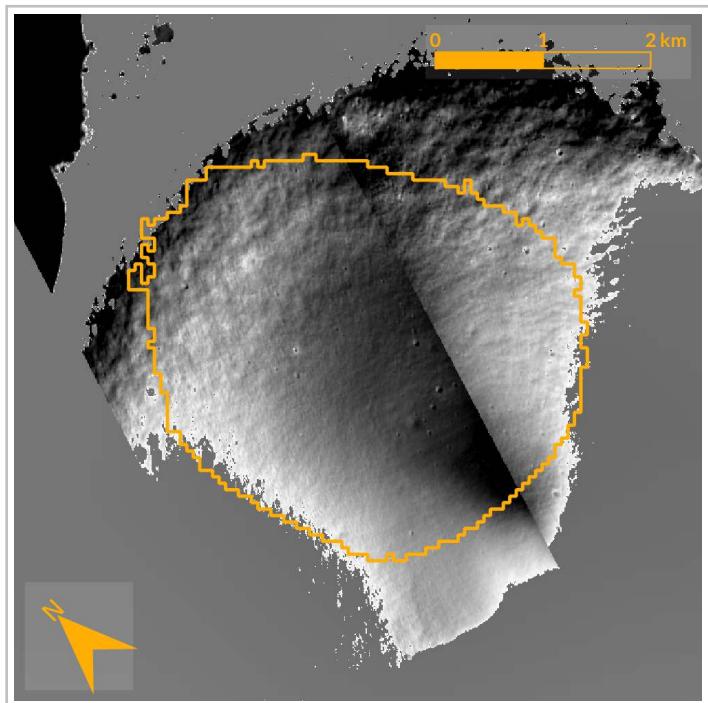
SP_809640_3141160_WAC_Color_Shade_context



SP_809640_3141160_2016-289



SP_809640_3141160_2016-327

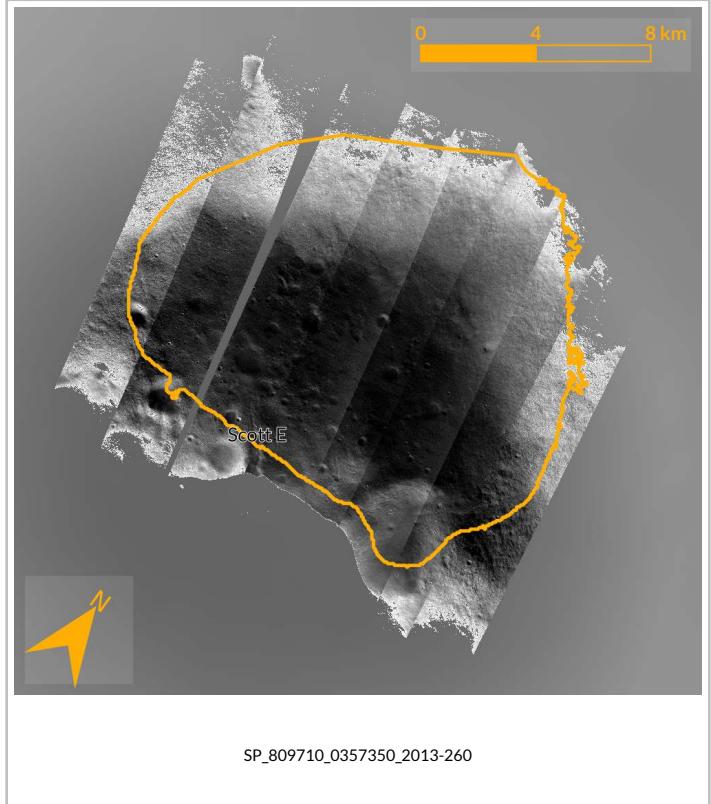
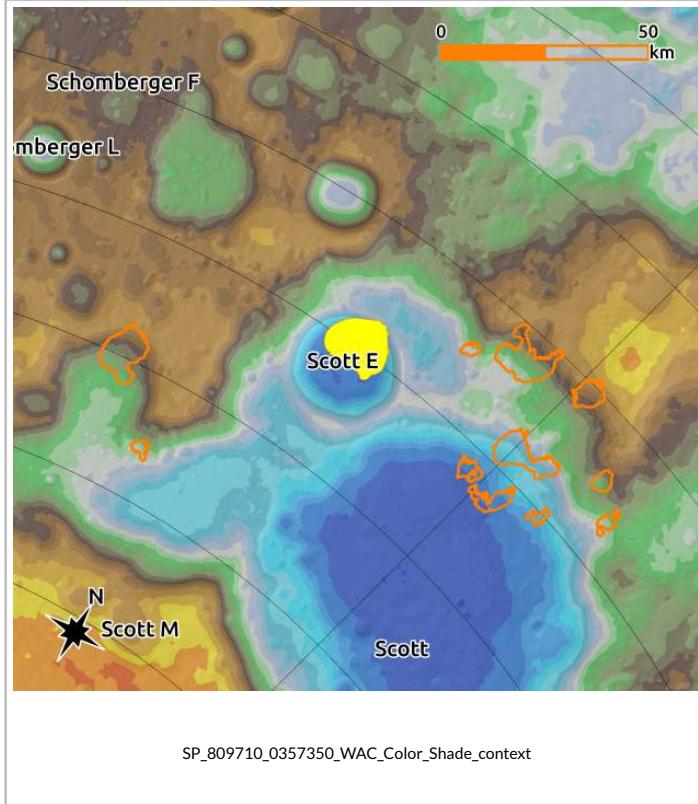


SP_809640_3141160_2016-354

SP_809710_0357350

Lunar Features: Scott E
Centroid Latitude: -80.971
Centroid Longitude: 35.735
Area (km²): 166.37
Perimeter (km): 98.615319
Pixel Scale Range (m): 5-5
Coverage (%): 95

Features of Interest: 2013-260 (M1134062452R): 30.41, -79.985 (S1113 L1628) - crater floor and wall interesting morphology
Notes: High density of craters
Image Lists: lroc.sese.asu.edu/psr/SP_809710_0357350



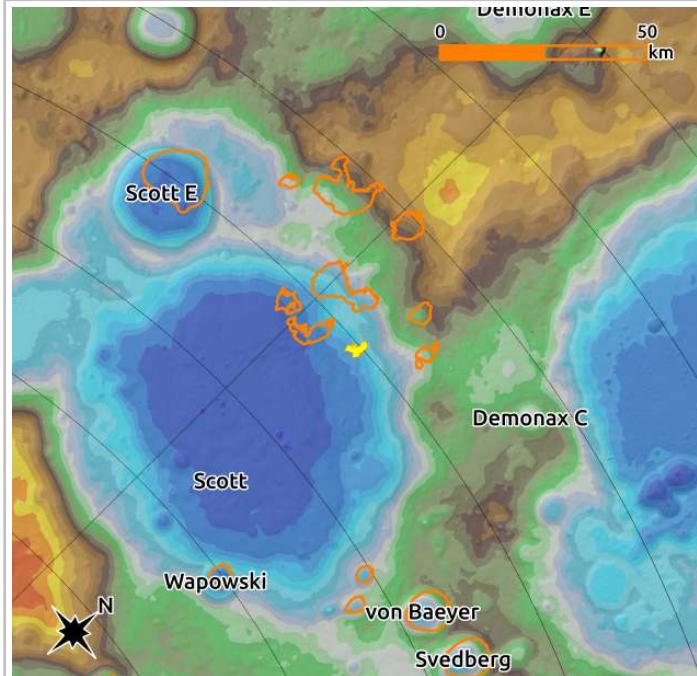
SP_810340_0483070

Lunar Features: Scott Crater
Centroid Latitude: -81.034
Centroid Longitude: 48.307
Area (km²): 11.53
Perimeter (km): 46.44
Pixel Scale Range (m): 10-10
Coverage (%): 100

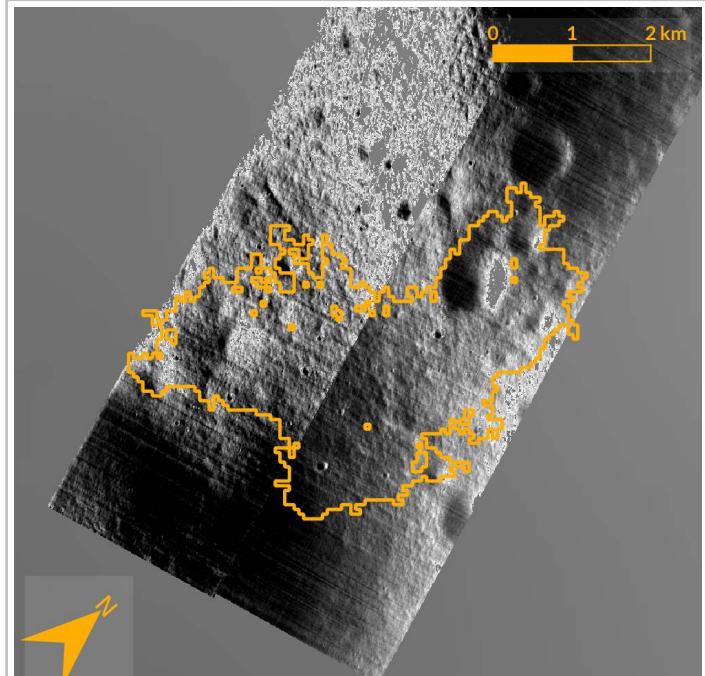
Features of Interest:

Notes:

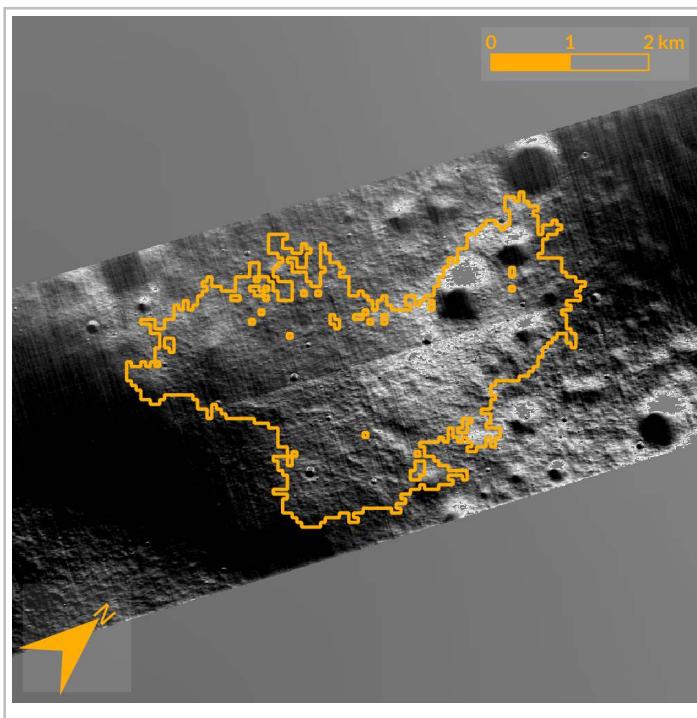
Image Lists: lroc.sese.asu.edu/psr/SP_810340_0483070



SP_810340_0483070_WAC_Color_Shade_context



SP_810340_0483070_2016-282

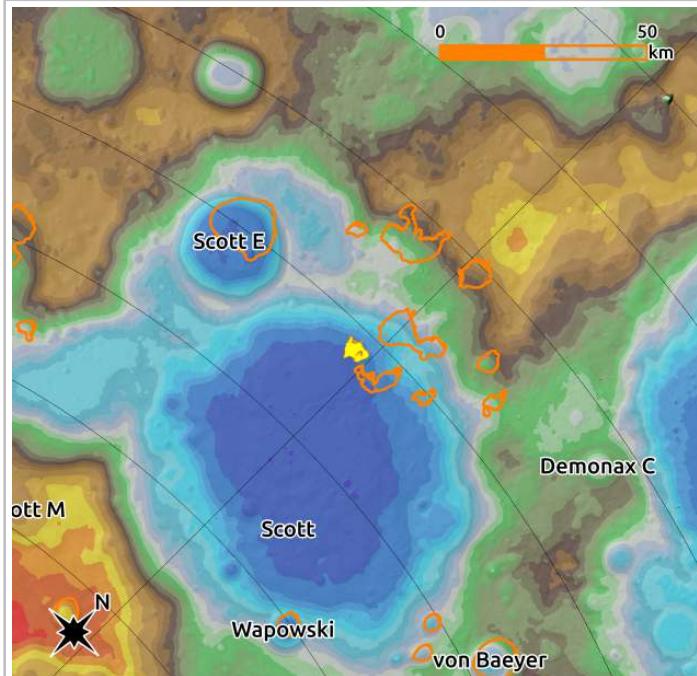


SP_810340_0483070_2016-319

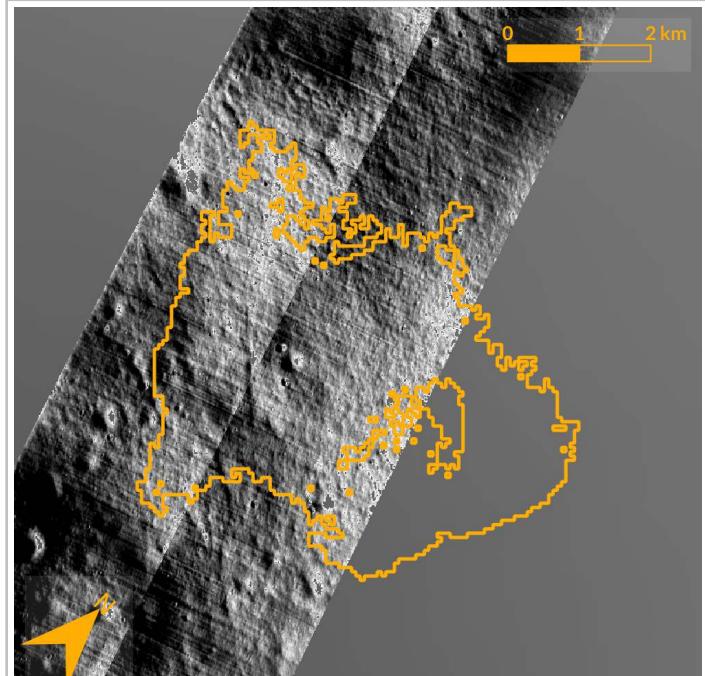
SP_811730_0441340

Lunar Features: Scott,
Centroid Latitude: -81.173
Centroid Longitude: 44.134
Area (km²): 20.42
Perimeter (km): 71.52
Pixel Scale Range (m): 10-12
Coverage (%): 60

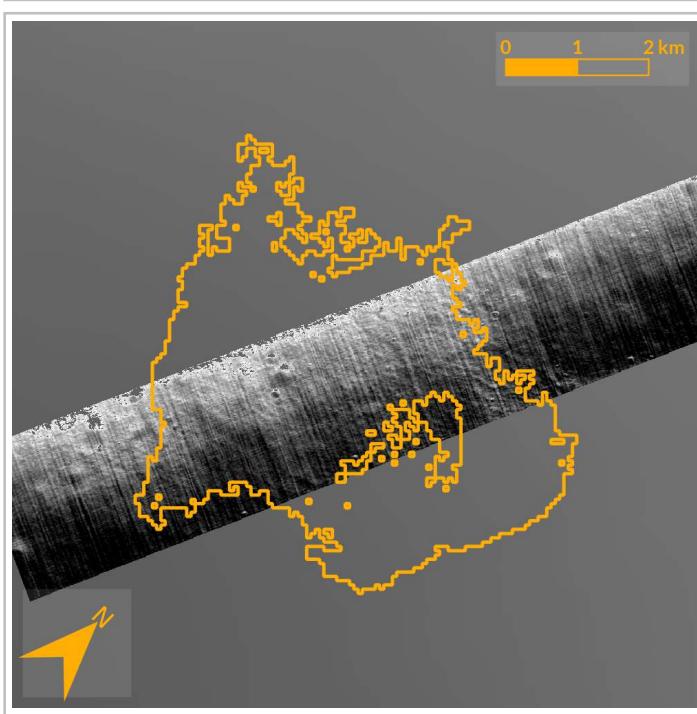
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_811730_0441340



SP_811730_0441340_WAC_Color_Shade_context



SP_811730_0441340_2016-282

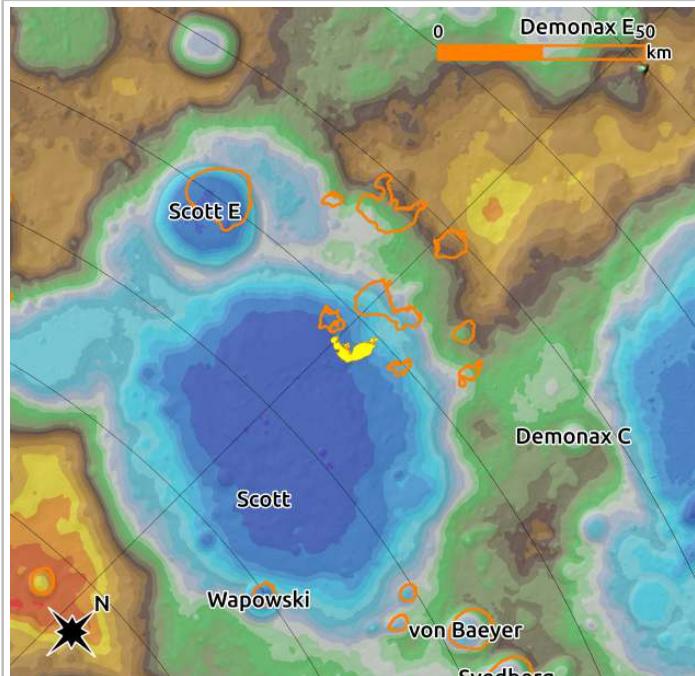


SP_811730_0441340_2016-319

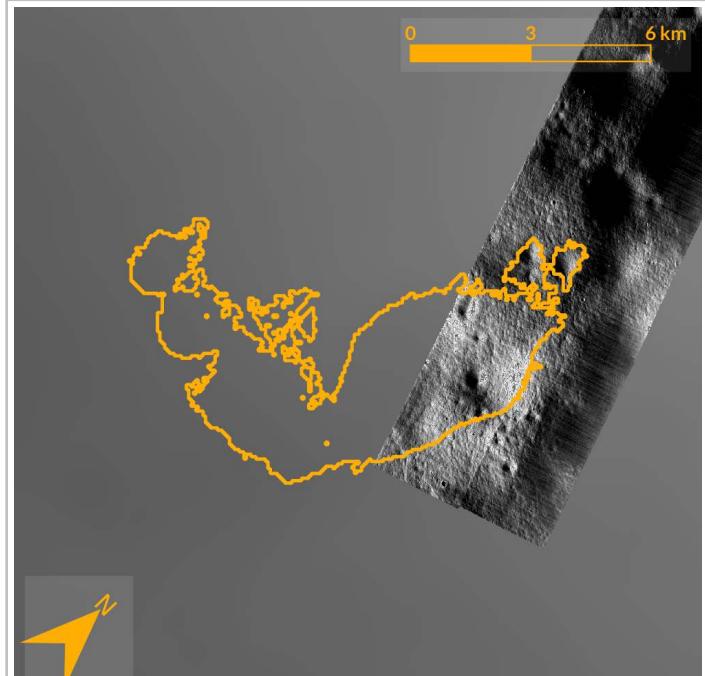
SP_812090_0460390

Lunar Features: Scott Crater
Centroid Latitude: -81.209
Centroid Longitude: 46.039
Area (km²): 32.99
Perimeter (km): 102.36
Pixel Scale Range (m): 10-10
Coverage (%): 80

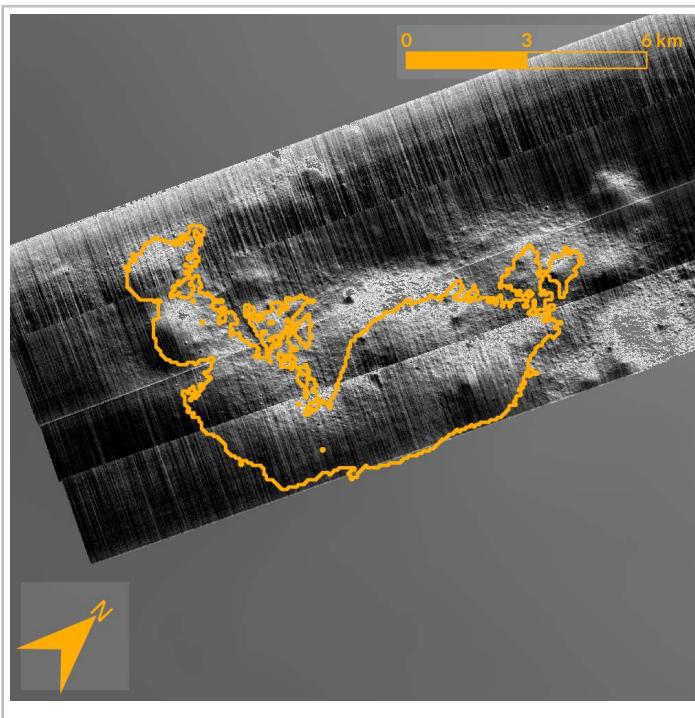
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_812090_0460390



SP_812090_0460390_WAC_Color_Shade_context



SP_812090_0460390_2016-282

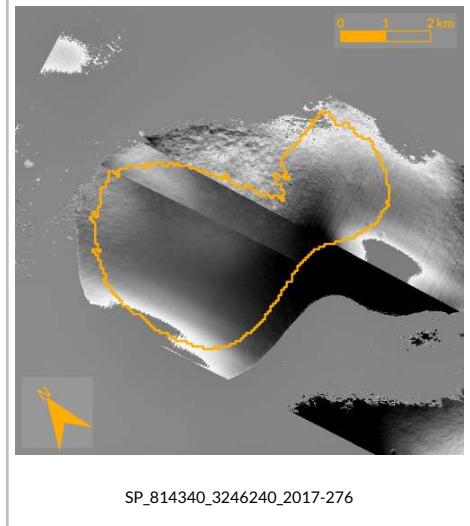
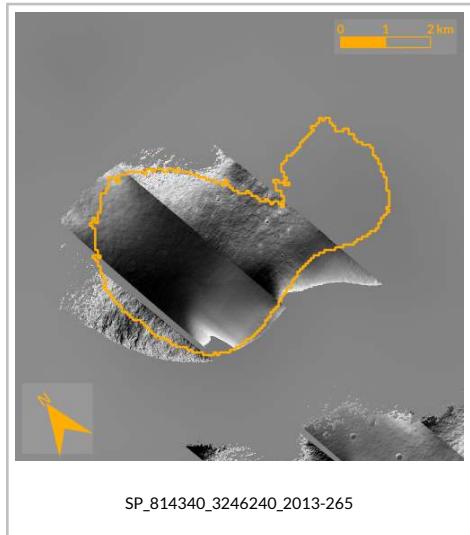
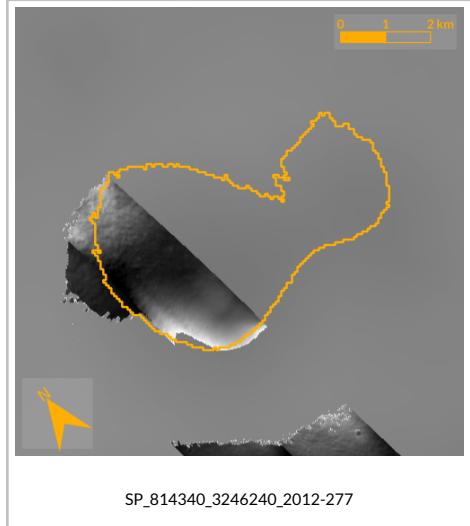
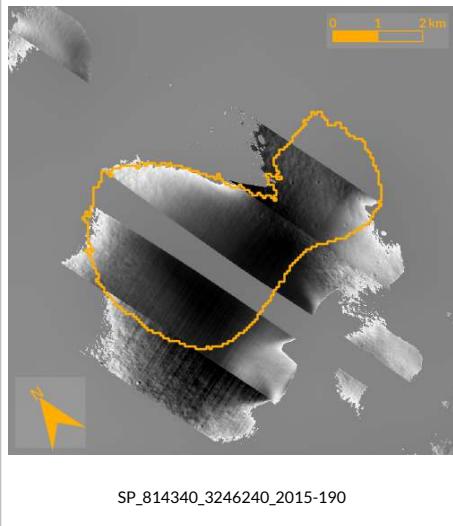
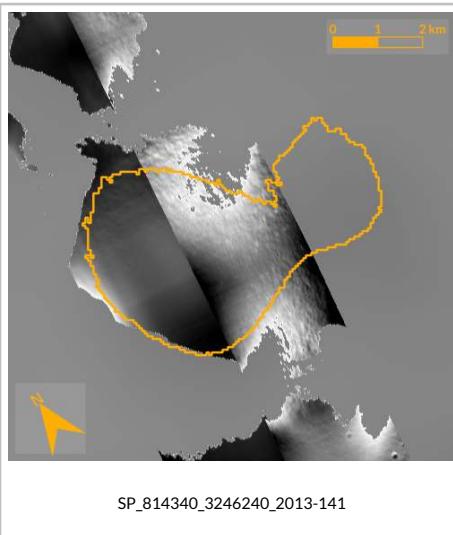
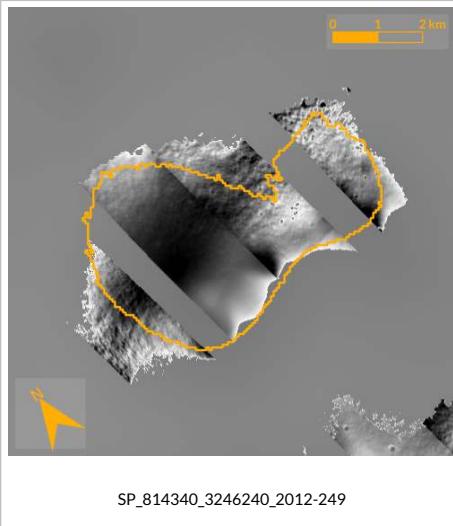
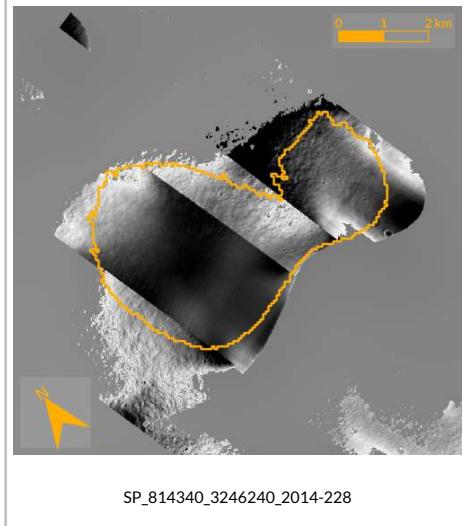
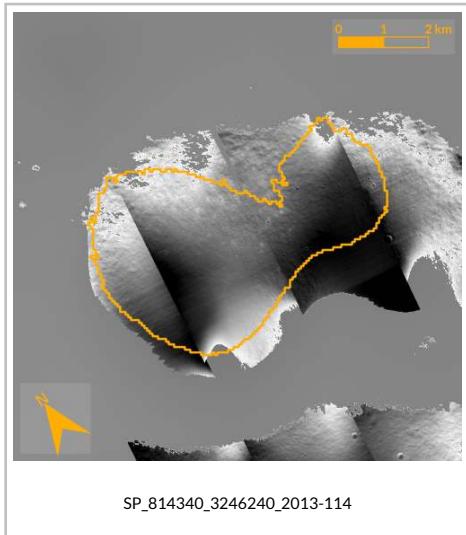
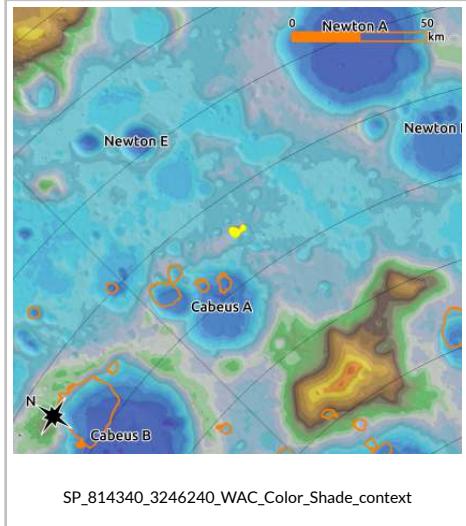


SP_812090_0460390_2016-319

SP_814340_3246240

Lunar Features: Cabeus A
Centroid Latitude: -81.434
Centroid Longitude: 324.624
Area (km²): 19.37
Perimeter (km): 29.76
Pixel Scale Range (m): 5-20
Coverage (%): 90

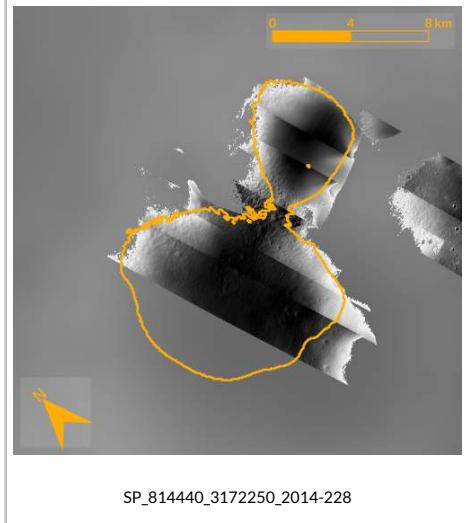
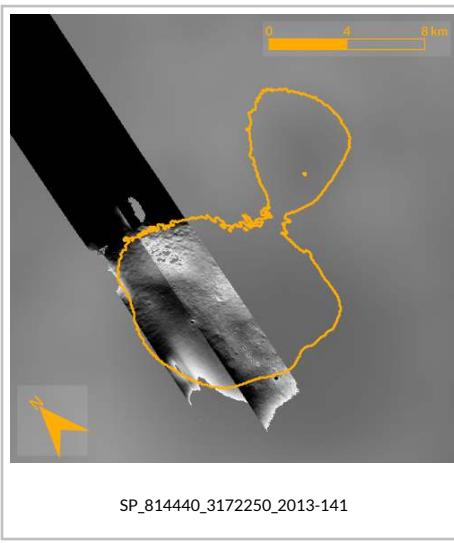
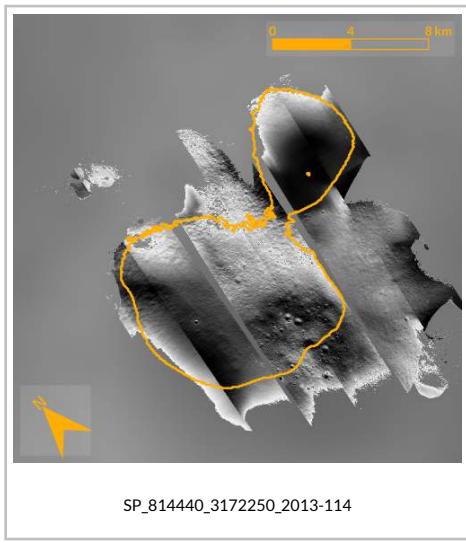
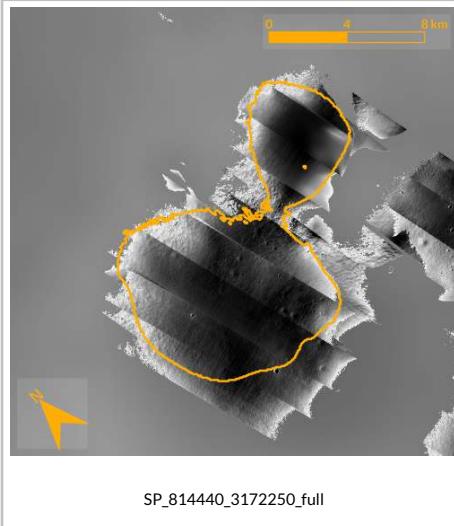
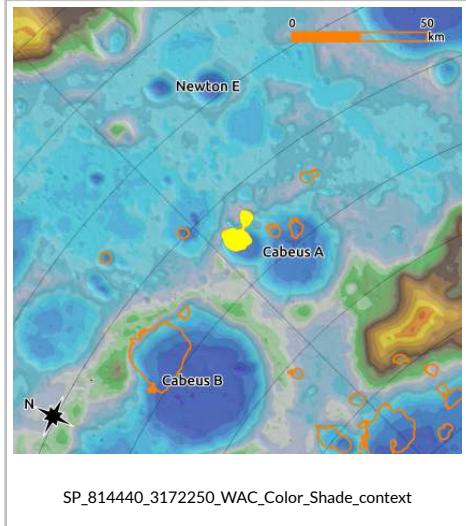
Features of Interest: 2013-265 (M1134524440L): 324.813, -81.439
(S1602 L1312) - high albedo craters
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_814340_3246240



SP_814440_3172250

Lunar Features: Cabeus A,
Centroid Latitude: -81.444
Centroid Longitude: 317.225
Area (km²): 98.23
Perimeter (km): 85.56
Pixel Scale Range (m): 7-20
Coverage (%): 100

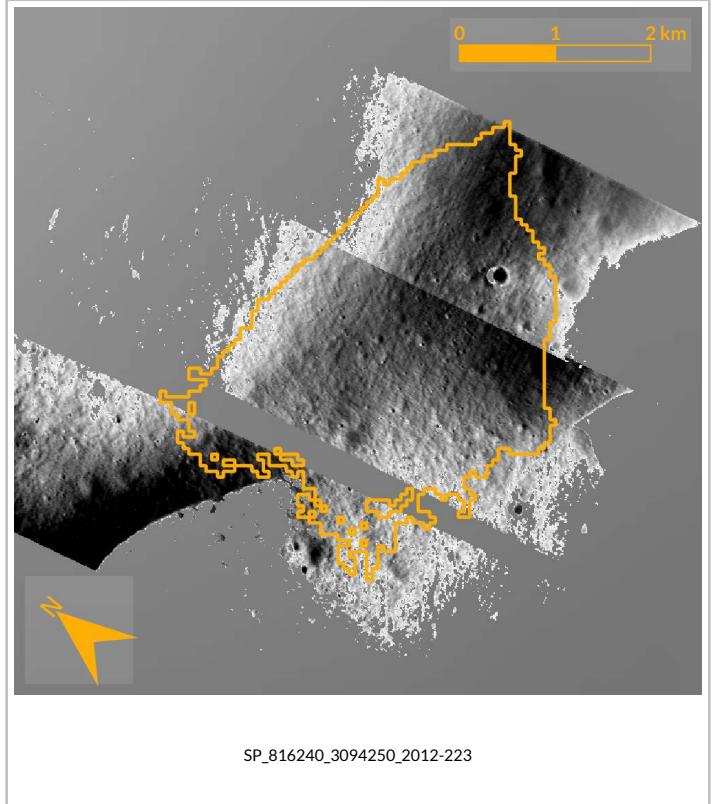
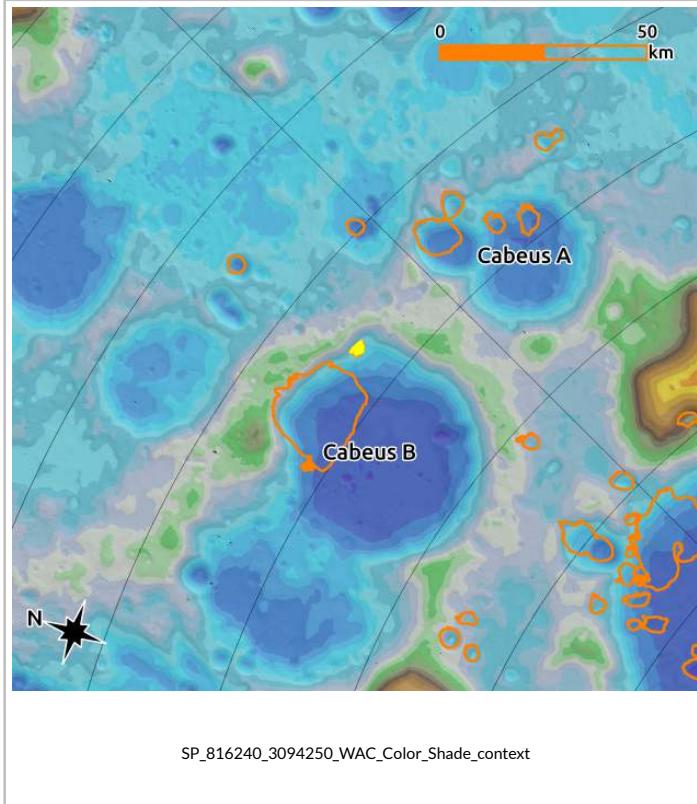
Features of Interest: 2013-114 (M1121456319R): 317.12, -81.564 (S841 L1067) - high albedo craters
Notes: Textured terrain
Image Lists: lroc.sese.asu.edu/psr/SP_814440_3172250



SP_816240_3094250

Lunar Features: Cabeus B
Centroid Latitude: -81.624
Centroid Longitude: 309.425
Area (km²): 10.29
Perimeter (km): 29.52
Pixel Scale Range (m): 10-10
Coverage (%): 90

Features of Interest:
Notes: One DOY
Image Lists: lroc.sese.asu.edu/psr/SP_816240_3094250



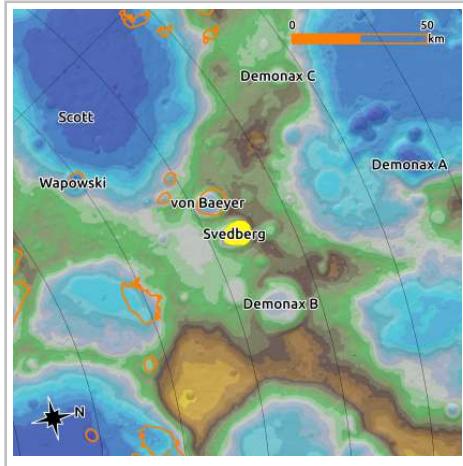
SP_816480_0652210

Lunar Features: Svedberg Crater,
Centroid Latitude: -81.648
Centroid Longitude: 65.221
Area (km²): 79.79
Perimeter (km): 35.855084
Pixel Scale Range (m): 5-20
Coverage (%): 70

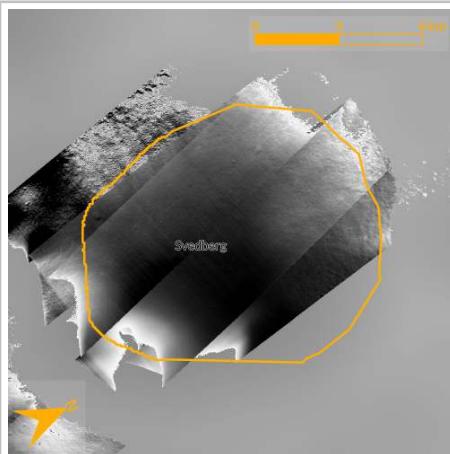
Features of Interest:

Notes:

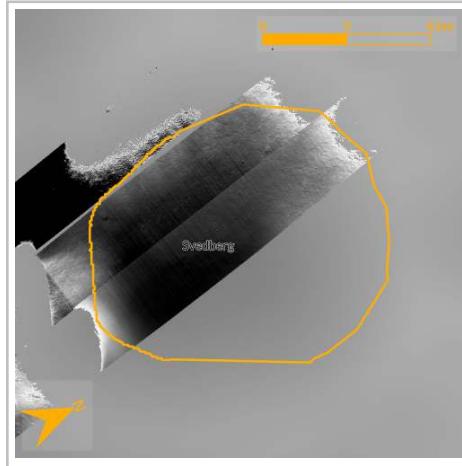
Image Lists: lroc.sese.asu.edu/psr/SP_816480_0652210



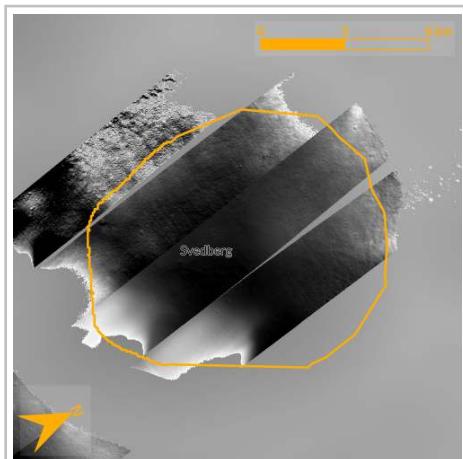
SP_816480_0652210_WAC_Color_Shade_context



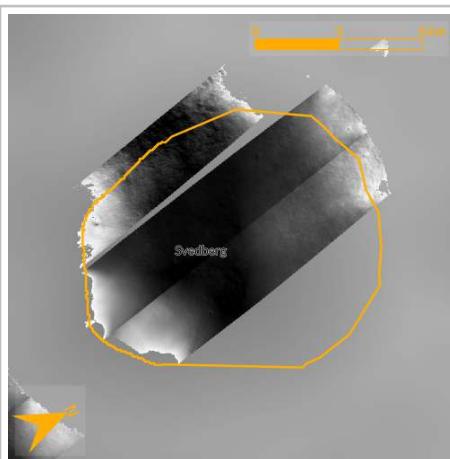
SP_816480_0652210_full



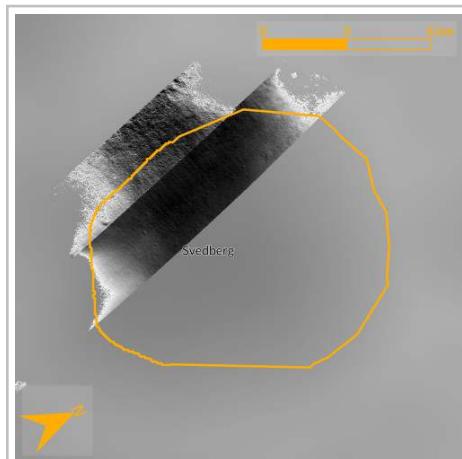
SP_816480_0652210_2012-215



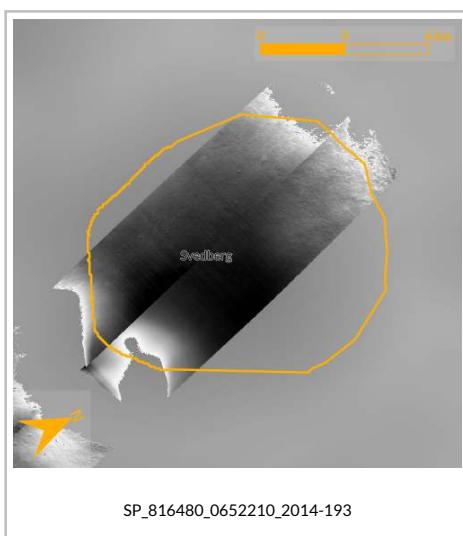
SP_816480_0652210_2012-242



SP_816480_0652210_2012-269



SP_816480_0652210_2013-258

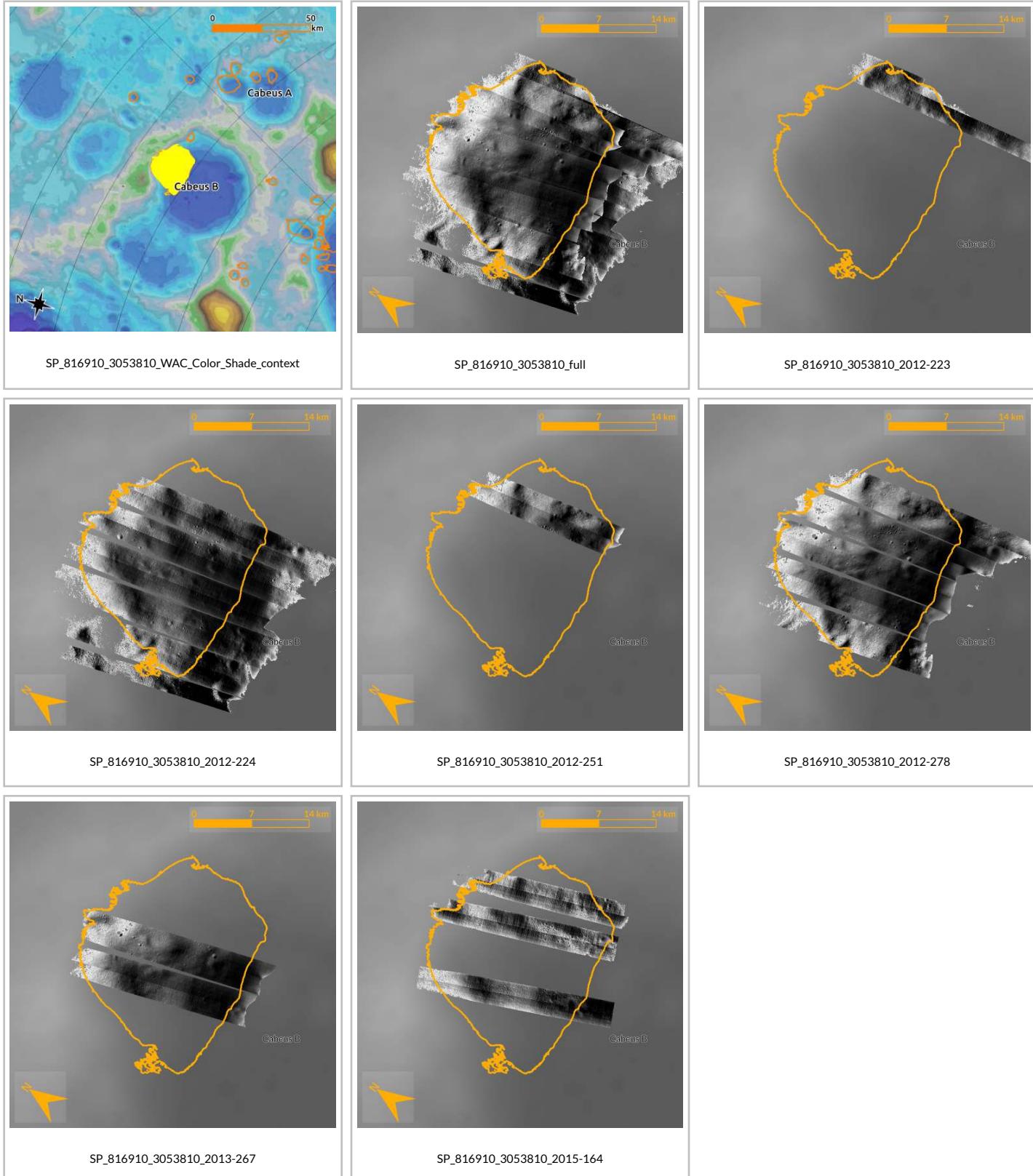


SP_816480_0652210_2014-193

SP_816910_3053810

Lunar Features: Cabeus B
Centroid Latitude: -81.691
Centroid Longitude: 305.381
Area (km²): 376.92
Perimeter (km): 197.4
Pixel Scale Range (m): 10-20
Coverage (%): 100

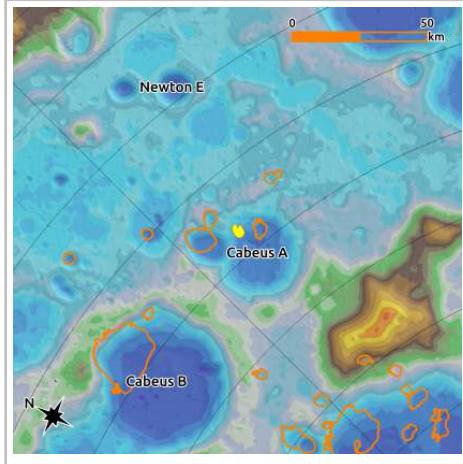
Features of Interest: 2012-278 (M1104011401L): 306.519, -81.71 (S706 L318) - Cluster of craters
Notes: Relatively smooth terrain
Image Lists: lroc.sese.asu.edu/psr/SP_816910_3053810



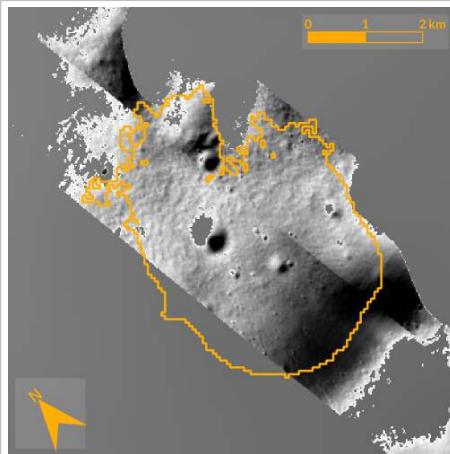
SP_816970_3196200

Lunar Features: Cabeus A
Centroid Latitude: -81.697
Centroid Longitude: 319.62
Area (km²): 15.34
Perimeter (km): 36.12
Pixel Scale Range (m): 7-20
Coverage (%): 100

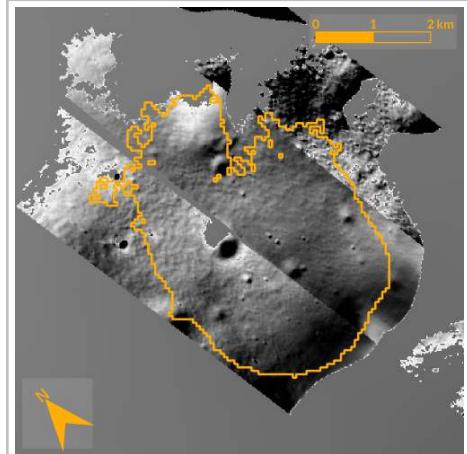
Features of Interest:
Notes: Textured terrain
Image Lists: lroc.sese.asu.edu/psr/SP_816970_3196200



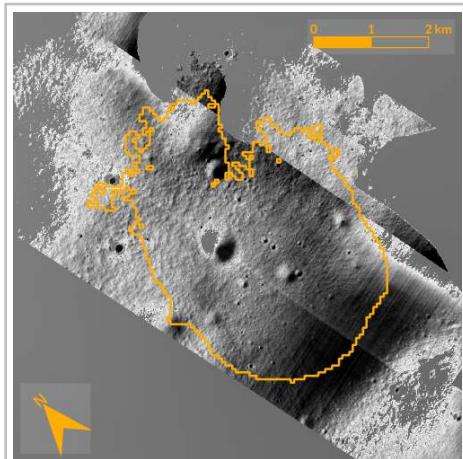
SP_816970_3196200_WAC_Color_Shade_context



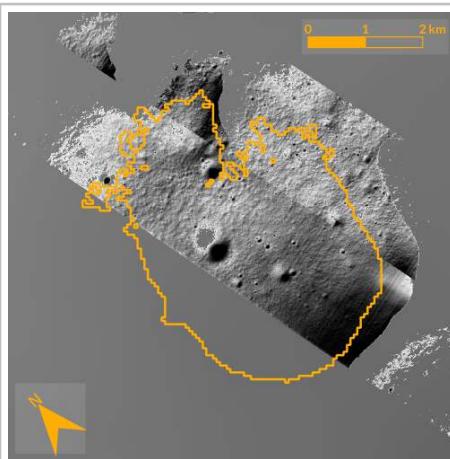
SP_816970_3196200_2012-250



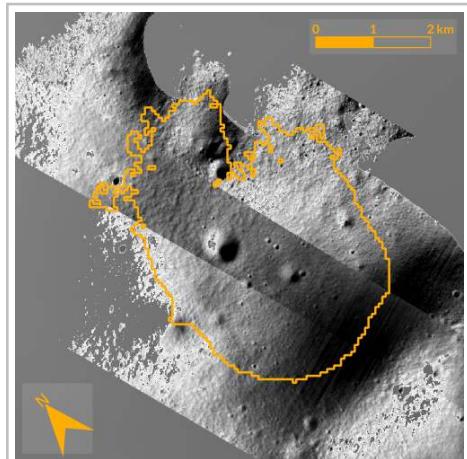
SP_816970_3196200_2012-277



SP_816970_3196200_2013-239



SP_816970_3196200_2013-266

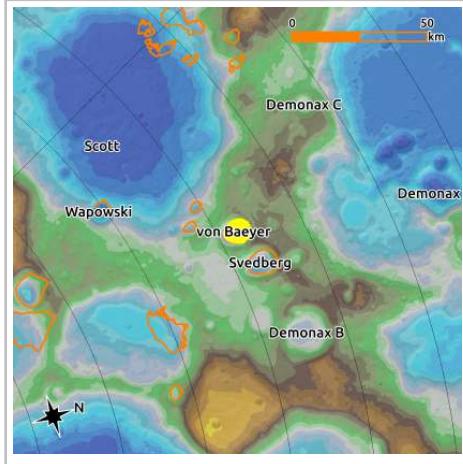


SP_816970_3196200_2014-228

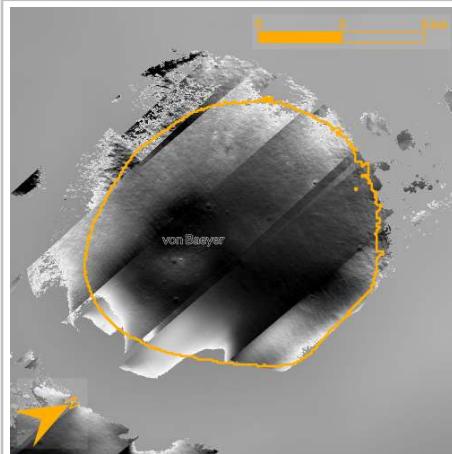
SP_817610_0619190

Lunar Features: von Baeyer Crater
Centroid Latitude: -81.761
Centroid Longitude: 61.919
Area (km²): 79.14
Perimeter (km): 46.92
Pixel Scale Range (m): 10-20
Coverage (%): 100

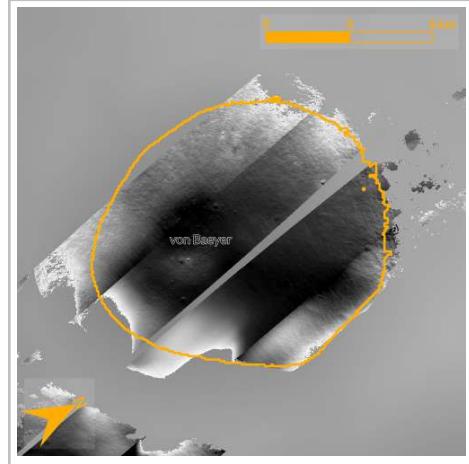
Features of Interest: 2012-242 (M1100889983R): 61.869, -81.831 (S3937 L620) - crater with high reflectance & 61.87, -81.831 (S4396 L257) - slight reflectance streaks on crater wall
Notes:
[Image Lists: lroc.sese.asu.edu/psr/SP_817610_0619190](http://lroc.sese.asu.edu/psr/SP_817610_0619190)



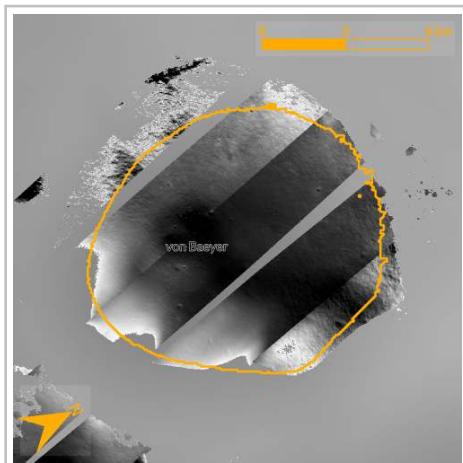
SP_817610_0619190_WAC_Color_Shade_context



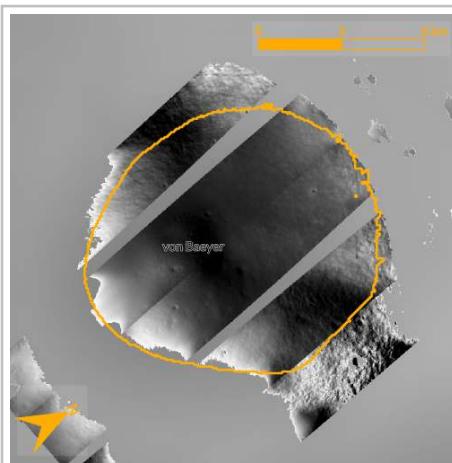
SP_817610_0619190_full



SP_817610_0619190_2012-215



SP_817610_0619190_2012-242

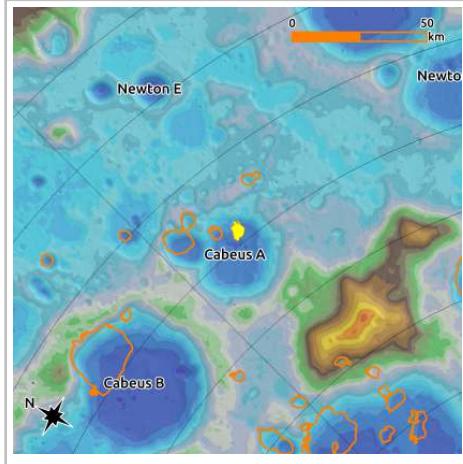


SP_817610_0619190_2012-269

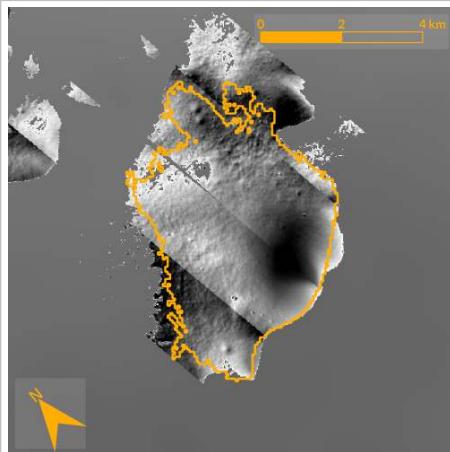
SP_818450_3211710

Lunar Features: Cabeus A,
Centroid Latitude: -81.845
Centroid Longitude: 321.171
Area (km²): 22.67
Perimeter (km): 47.52
Pixel Scale Range (m): 7-20
Coverage (%): 100

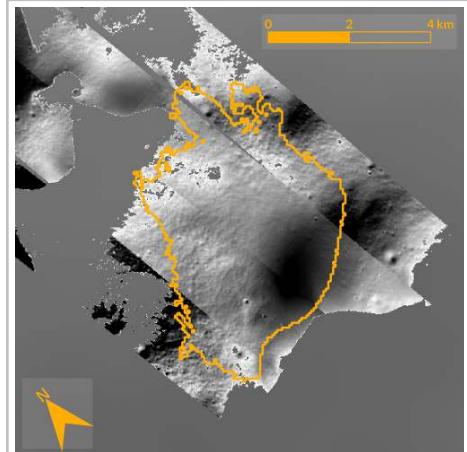
Features of Interest: 2014-228 (M1162840884L): 321.25, -81.793 (S1183 L764) - High reflectance crater
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_818450_3211710



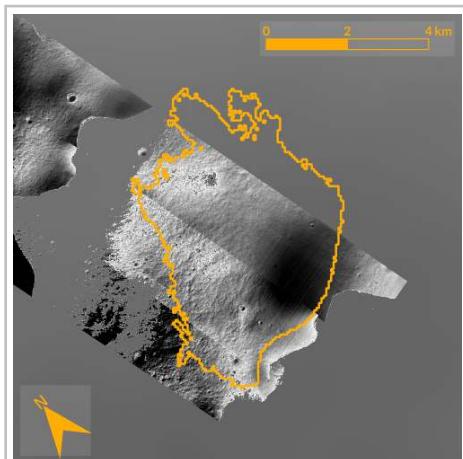
SP_818450_3211710_WAC_Color_Shade_context



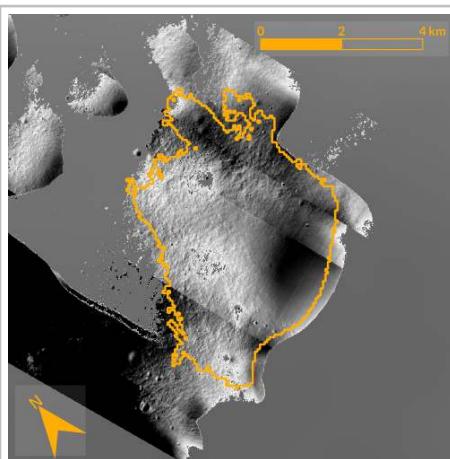
SP_818450_3211710_2012-250



SP_818450_3211710_2012-277



SP_818450_3211710_2013-266

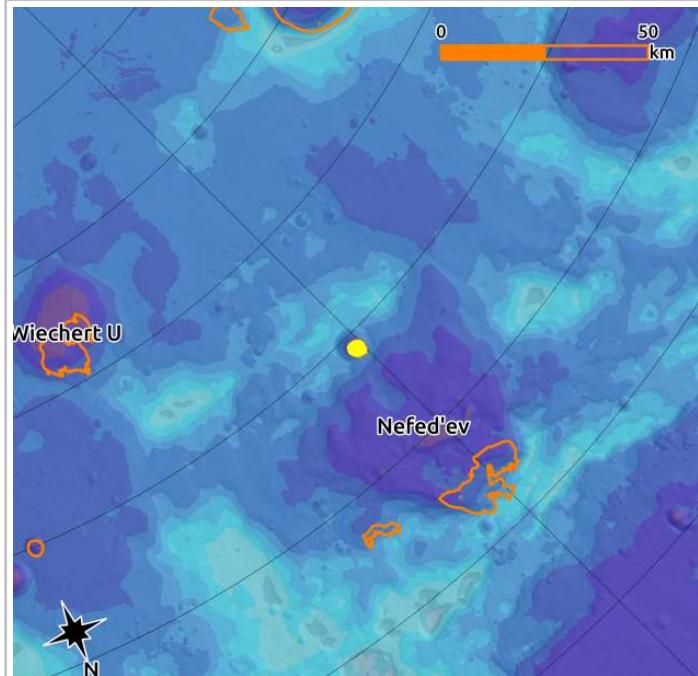


SP_818450_3211710_2014-228

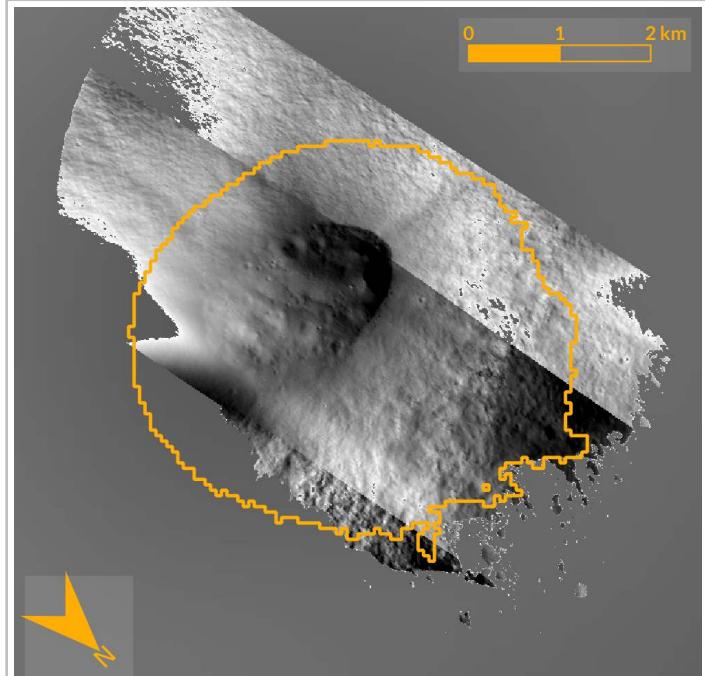
SP_818790_1353780

Lunar Features: Nefed'ev Crater
Centroid Latitude: -81.879
Centroid Longitude: 135.378
Area (km²): 16.27
Perimeter (km): 23.28
Pixel Scale Range (m): 10-20
Coverage (%): 80

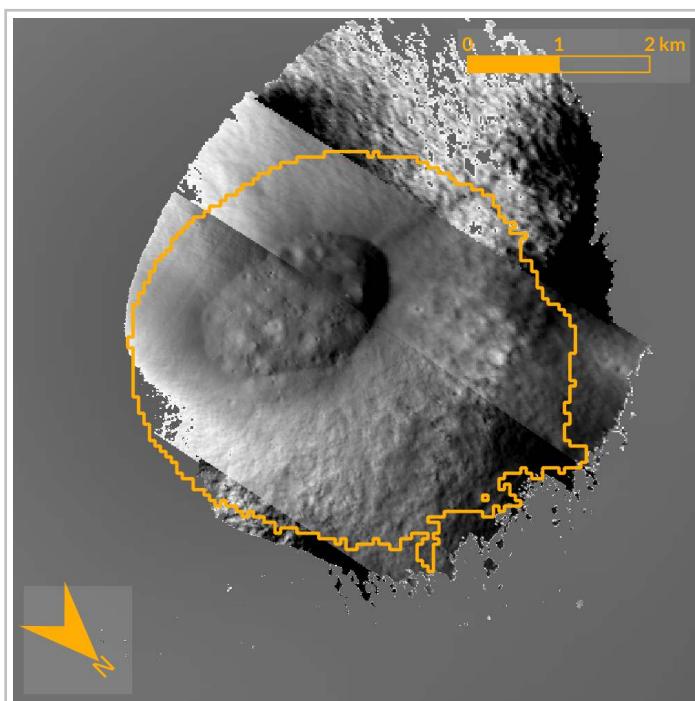
Features of Interest:
Notes: Melty crater floor
Image Lists: lroc.sese.asu.edu/psr/SP_818790_1353780



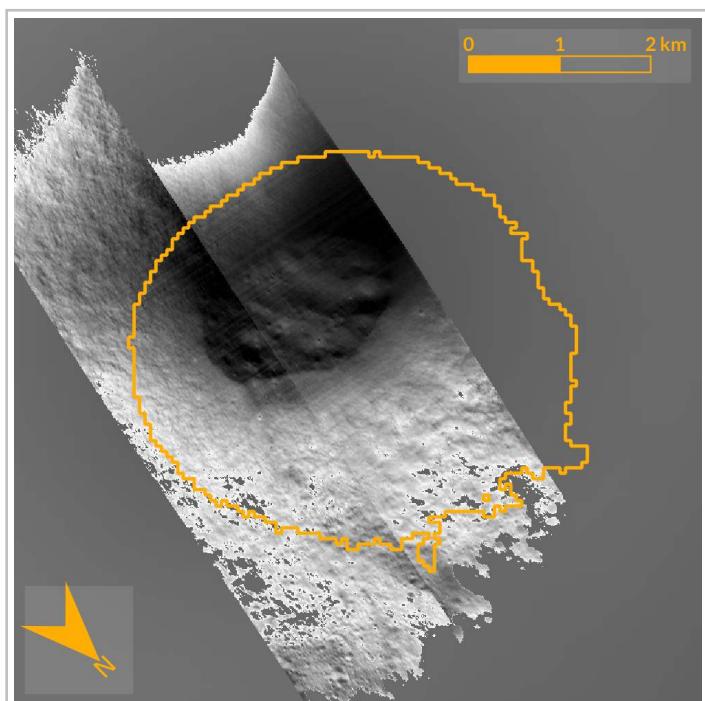
SP_818790_1353780_WAC_Color_Shade_context



SP_818790_1353780_2012-209



SP_818790_1353780_2012-236

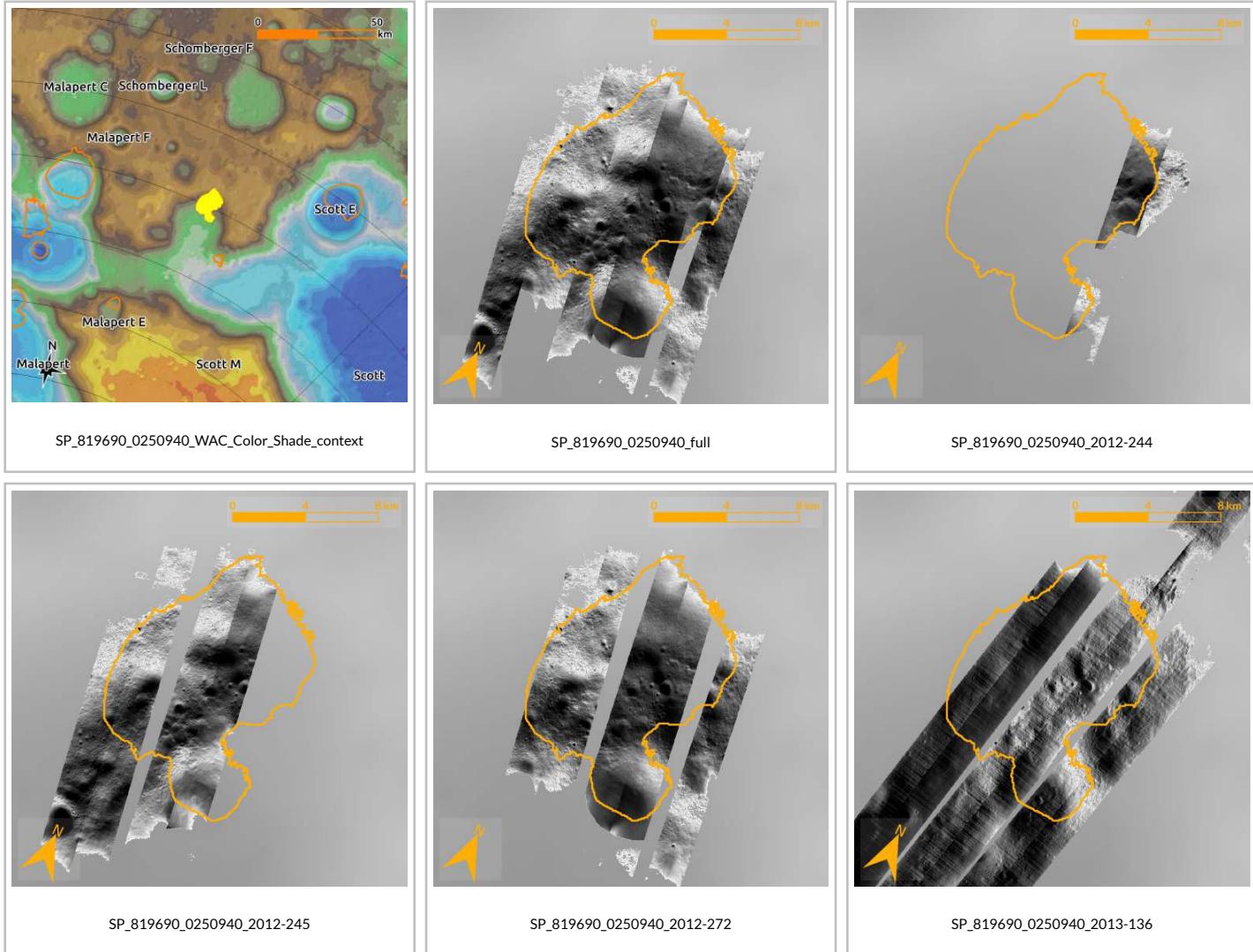


SP_818790_1353780_2013-128

SP_819690_0250940

Lunar Features: Scott E, Malapert E
Centroid Latitude: -81.969
Centroid Longitude: 25.094
Area (km²): 95.08
Perimeter (km): 80.04
Pixel Scale Range (m): 20-20
Coverage (%): 100

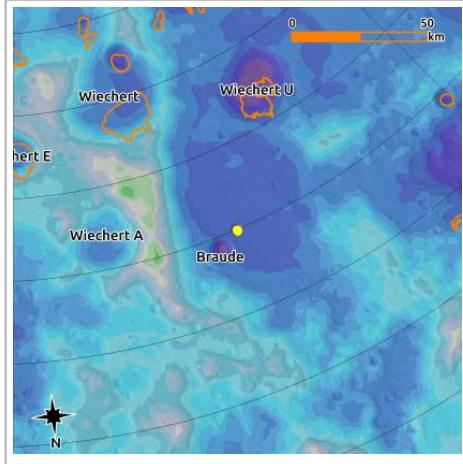
Features of Interest: 2012-245 (M1101097097R): 25.503, -82.098 (S306 L1169) - reflectance streaking on crater wall
Notes: Hummocky terrain
Image Lists: lroc.sese.asu.edu/psr/SP_819690_0250940



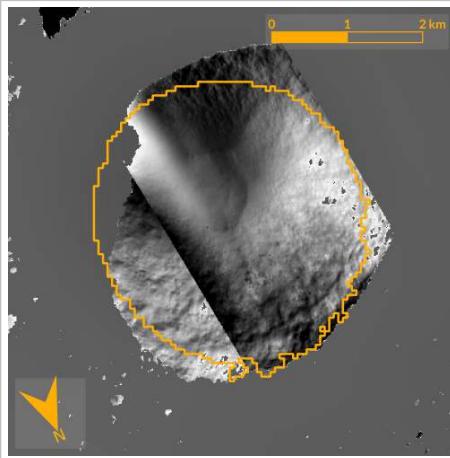
SP_819860_1568660

Lunar Features: Braude Crater,
Centroid Latitude: -81.986
Centroid Longitude: 156.866
Area (km²): 10.73
Perimeter (km): 17.64
Pixel Scale Range (m): 9-20
Coverage (%): 100

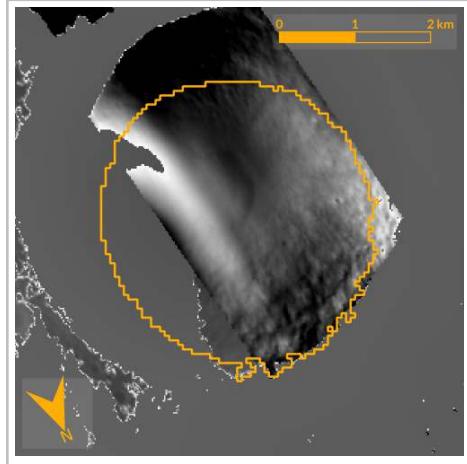
Features of Interest: 2012-234 (M1100232580L): 156.876, -81.960 (S7724 L12859) - dark reflectance streaks on south facing crater wall
Notes: smooth terrain
Image Lists: lroc.sese.asu.edu/psr/SP_819860_1568660



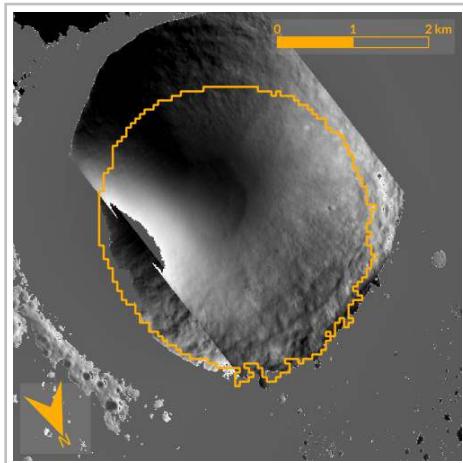
SP_819860_1568660_WAC_Color_Shade_context



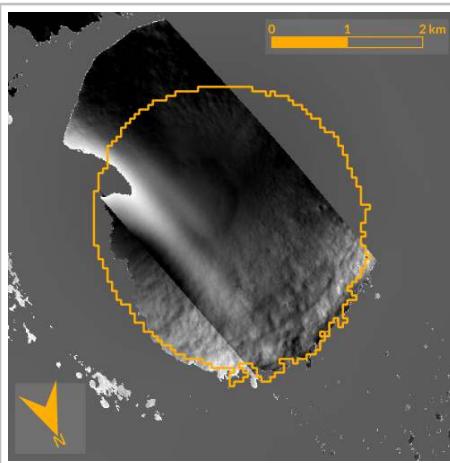
SP_819860_1568660_2012-234



SP_819860_1568660_2013-196



SP_819860_1568660_2014-186

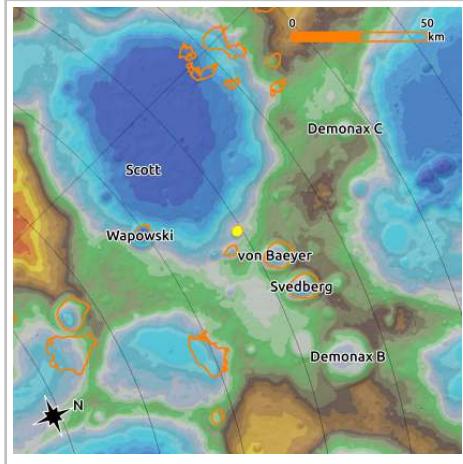


SP_819860_1568660_2015-175

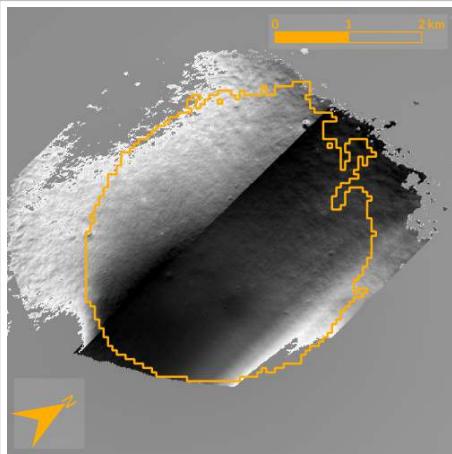
SP_820540_0583270

Lunar Features: von Baeyer Crater
Centroid Latitude: -82.054
Centroid Longitude: 58.327
Area (km²): 12.10
Perimeter (km): 22.2
Pixel Scale Range (m): 10-20
Coverage (%): 90

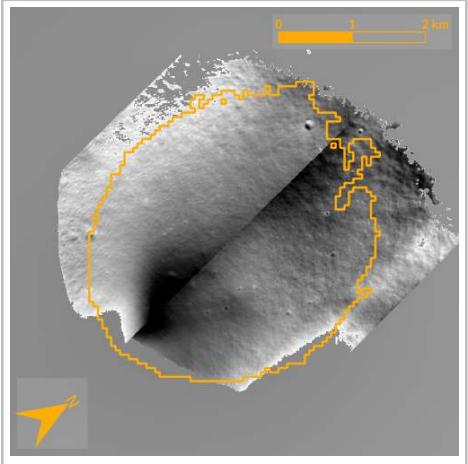
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_820540_0583270



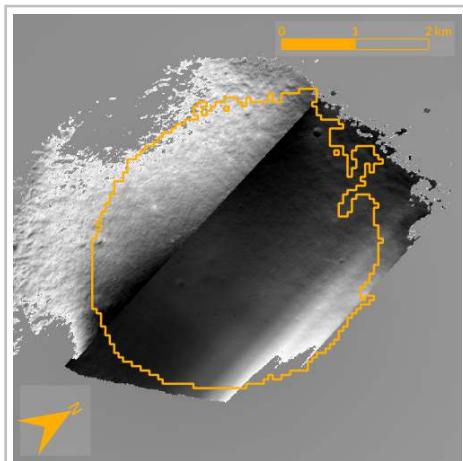
SP_820540_0583270_WAC_Color_Shade_context



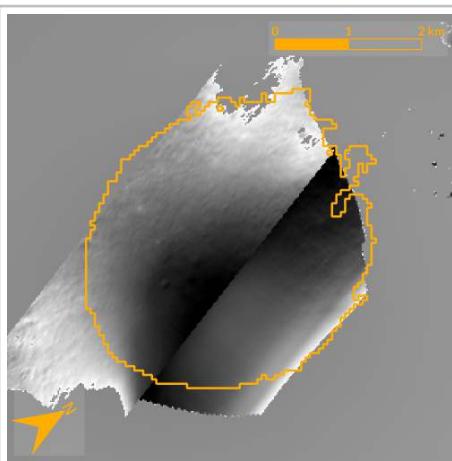
SP_820540_0583270_2012-215



SP_820540_0583270_2012-242



SP_820540_0583270_2013-204

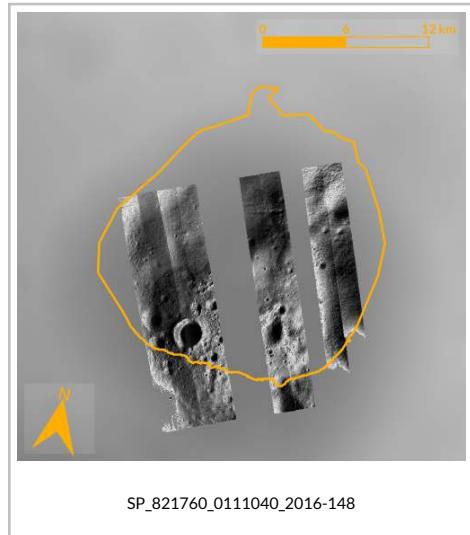
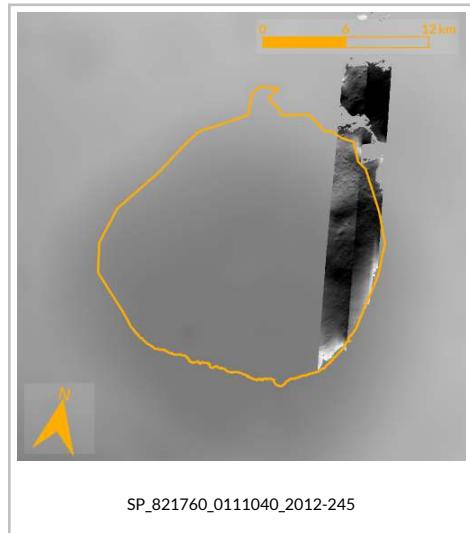
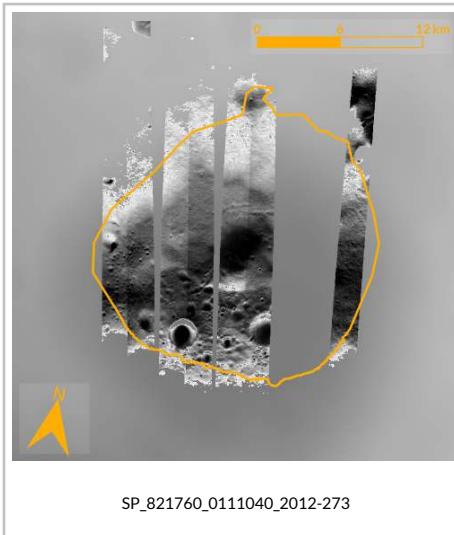
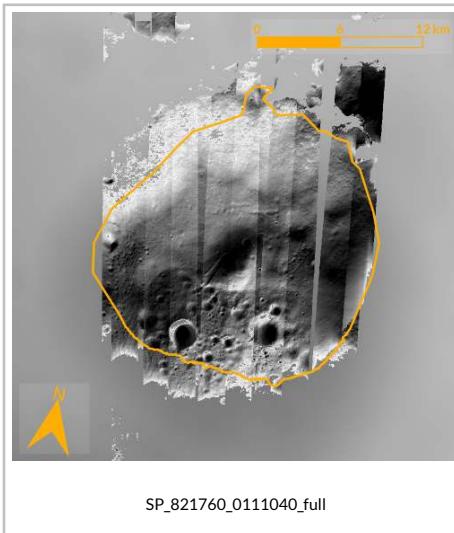
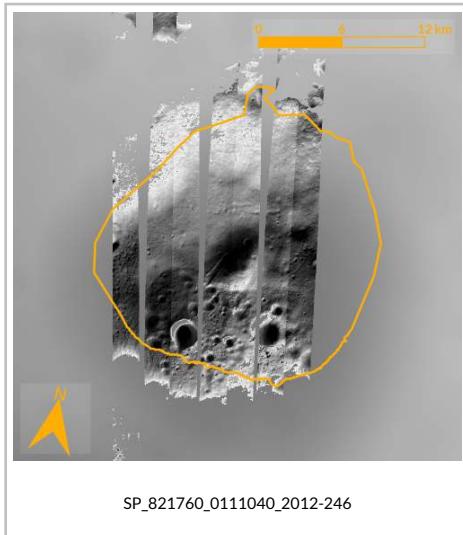
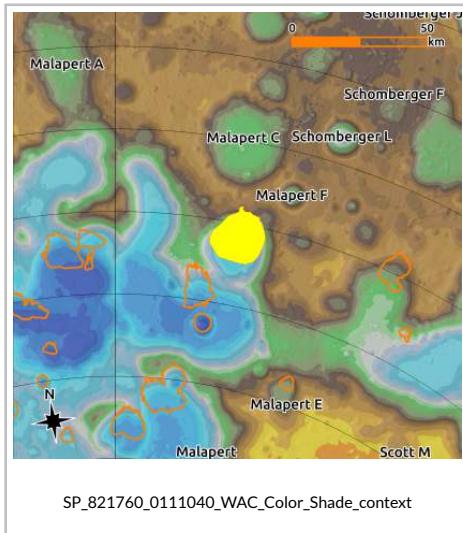


SP_820540_0583270_2015-156

SP_821760_0111040

Lunar Features: Malapert F, Malapert E
Centroid Latitude: -82.176
Centroid Longitude: 11.104
Area (km²): 300.59
Perimeter (km): 109.002951
Pixel Scale Range (m): 20-20
Coverage (%): 90

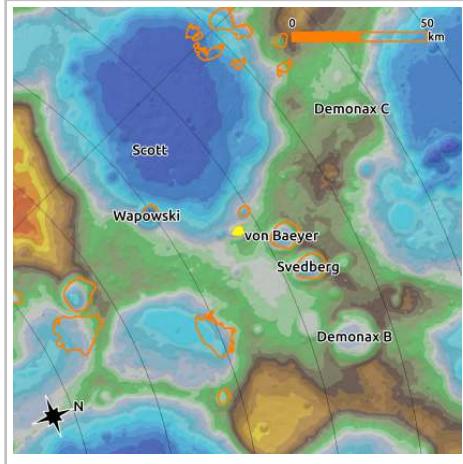
Features of Interest: 2012-246 (M1101197093L): 10.699, -82.23 (S98 L814) & 10.694, -82.23 (S100 L619) - ridges near slump of crater wall.
2012-246 (M1101189947R): 11.942, -81.903 (S267 L638) - high reflectance streaks on crater wall
Notes: Hummocky and heavily cratered floor
Image Lists: lroc.sese.asu.edu/psr/SP_821760_0111040



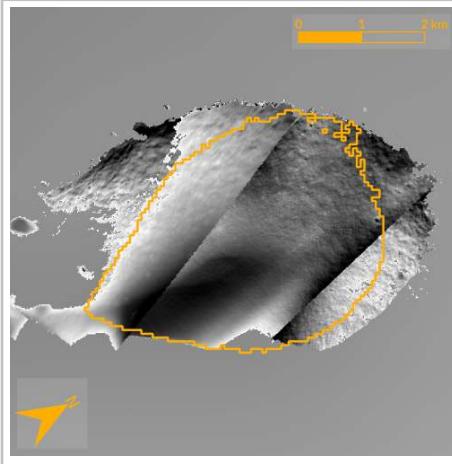
SP_822410_0595740

Lunar Features: von Baeyer Crater,
Centroid Latitude: -82.241
Centroid Longitude: 59.574
Area (km²): 12.41
Perimeter (km): 20.88
Pixel Scale Range (m): 10-20
Coverage (%): 100

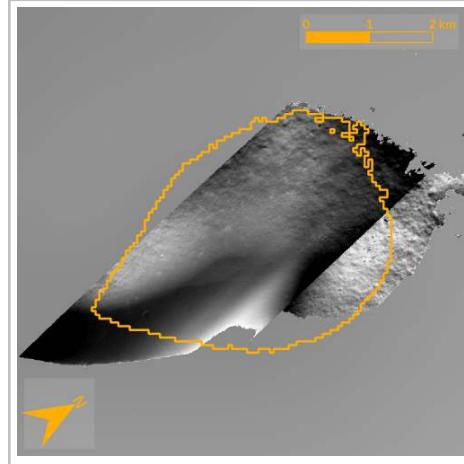
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_822410_0595740



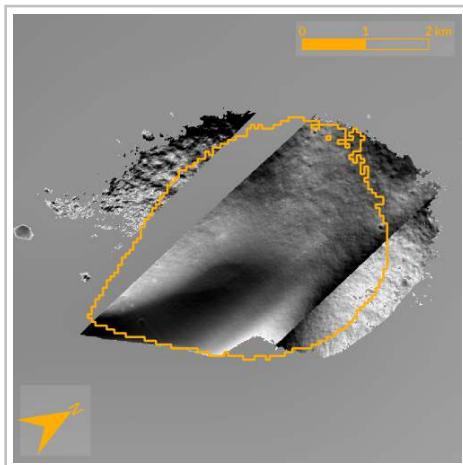
SP_822410_0595740_WAC_Color_Shade_context



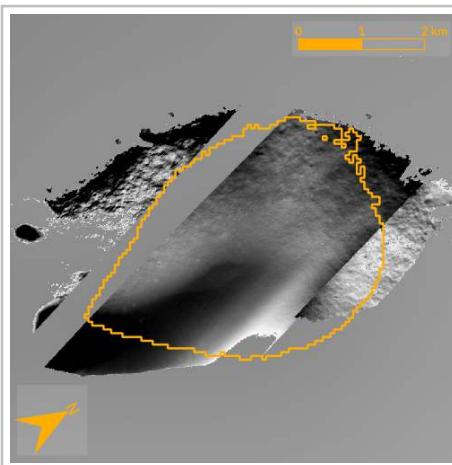
SP_822410_0595740_full



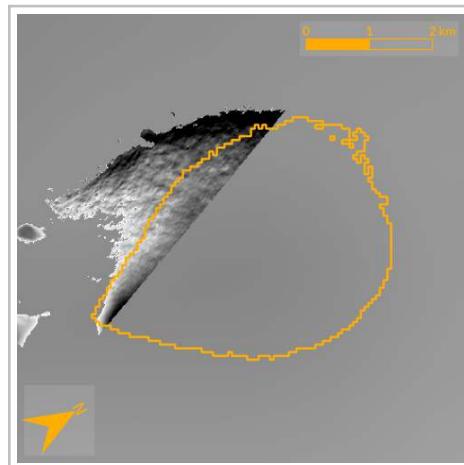
SP_822410_0595740_2012-215



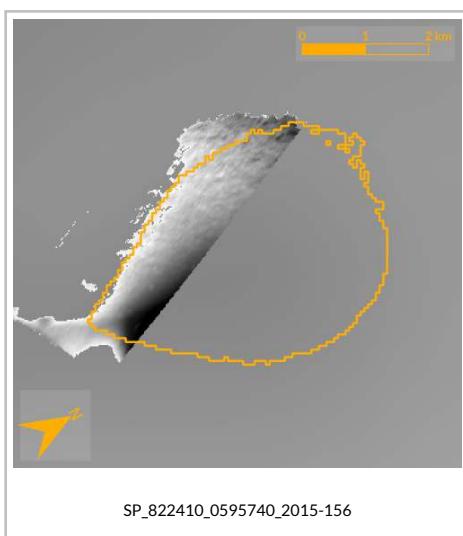
SP_822410_0595740_2012-242



SP_822410_0595740_2013-204



SP_822410_0595740_2014-193

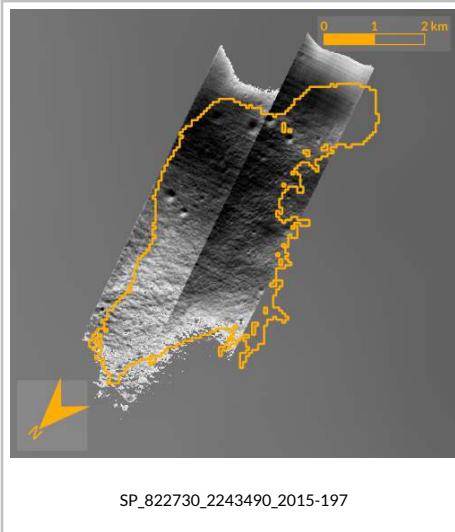
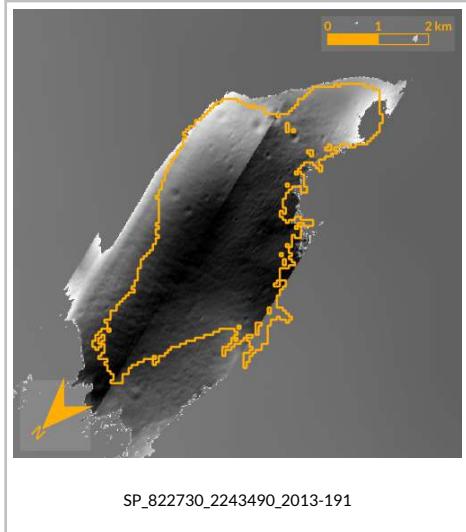
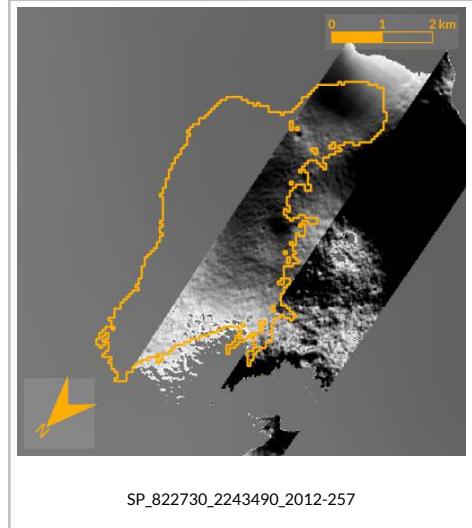
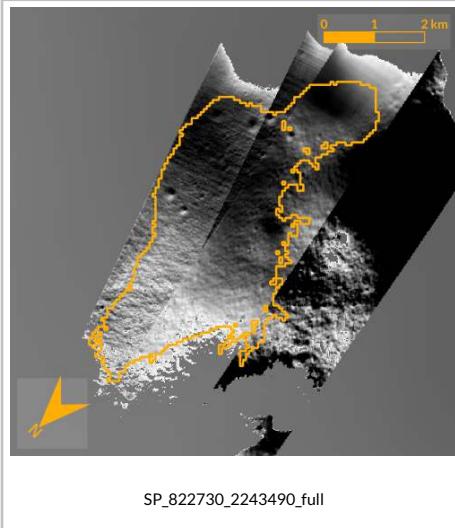
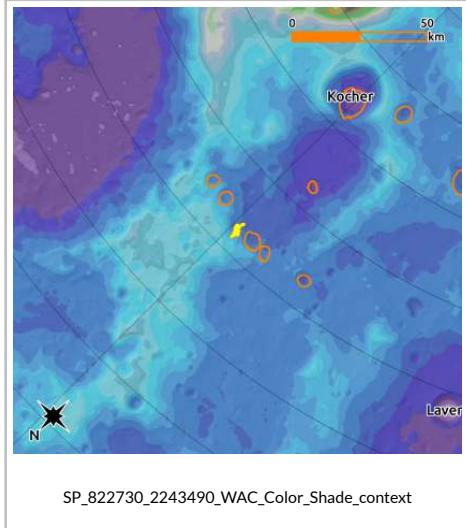


SP_822410_0595740_2015-156

SP_822730_2243490

Lunar Features: Kocher Crater Laveran Crater
Centroid Latitude: -82.273
Centroid Longitude: 224.349
Area (km²): 15.29
Perimeter (km): 40.92
Pixel Scale Range (m): 10-20
Coverage (%): 100

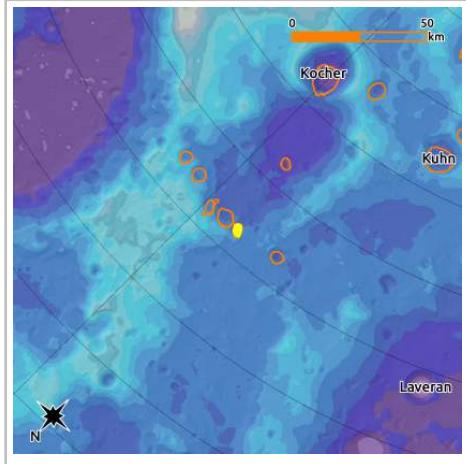
Features of Interest:
Notes: Blurry images
Image Lists: lroc.sese.asu.edu/psr/SP_822730_2243490



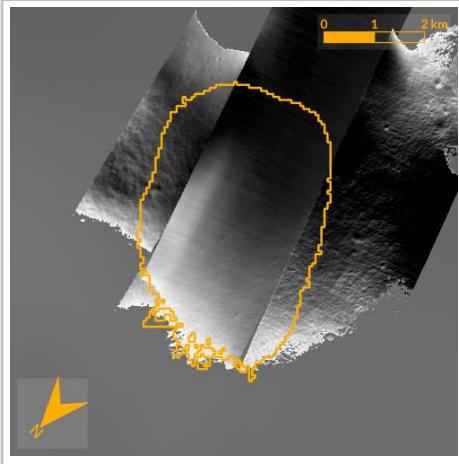
SP_822920_2211100

Lunar Features: Kocher Crater Laveran Crater
Centroid Latitude: -82.292
Centroid Longitude: 221.11
Area (km²): 16.52
Perimeter (km): 29.64
Pixel Scale Range (m): 9-20
Coverage (%): 95

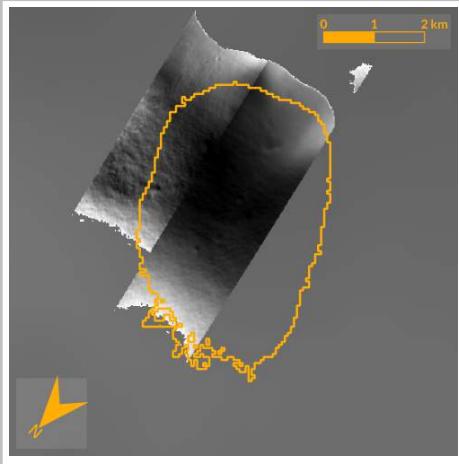
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_822920_2211100



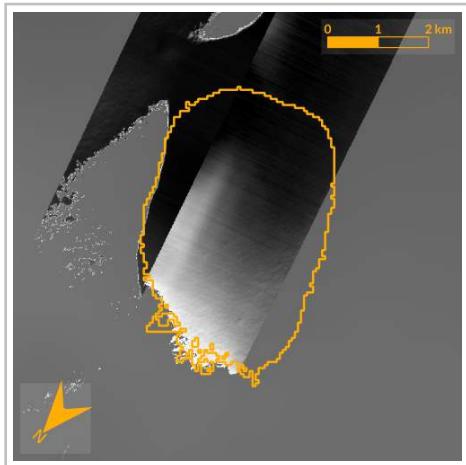
SP_822920_2211100_WAC_Color_Shade_context



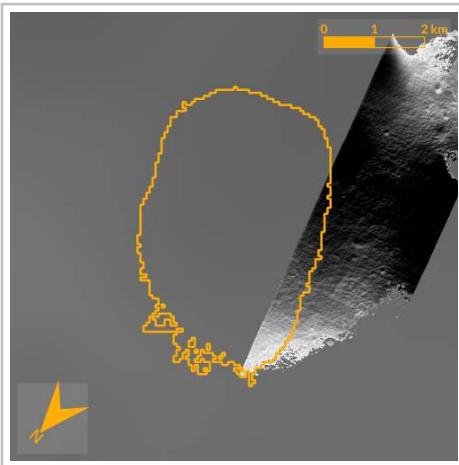
SP_822920_2211100_full



SP_822920_2211100_2012-257



SP_822920_2211100_2014-181

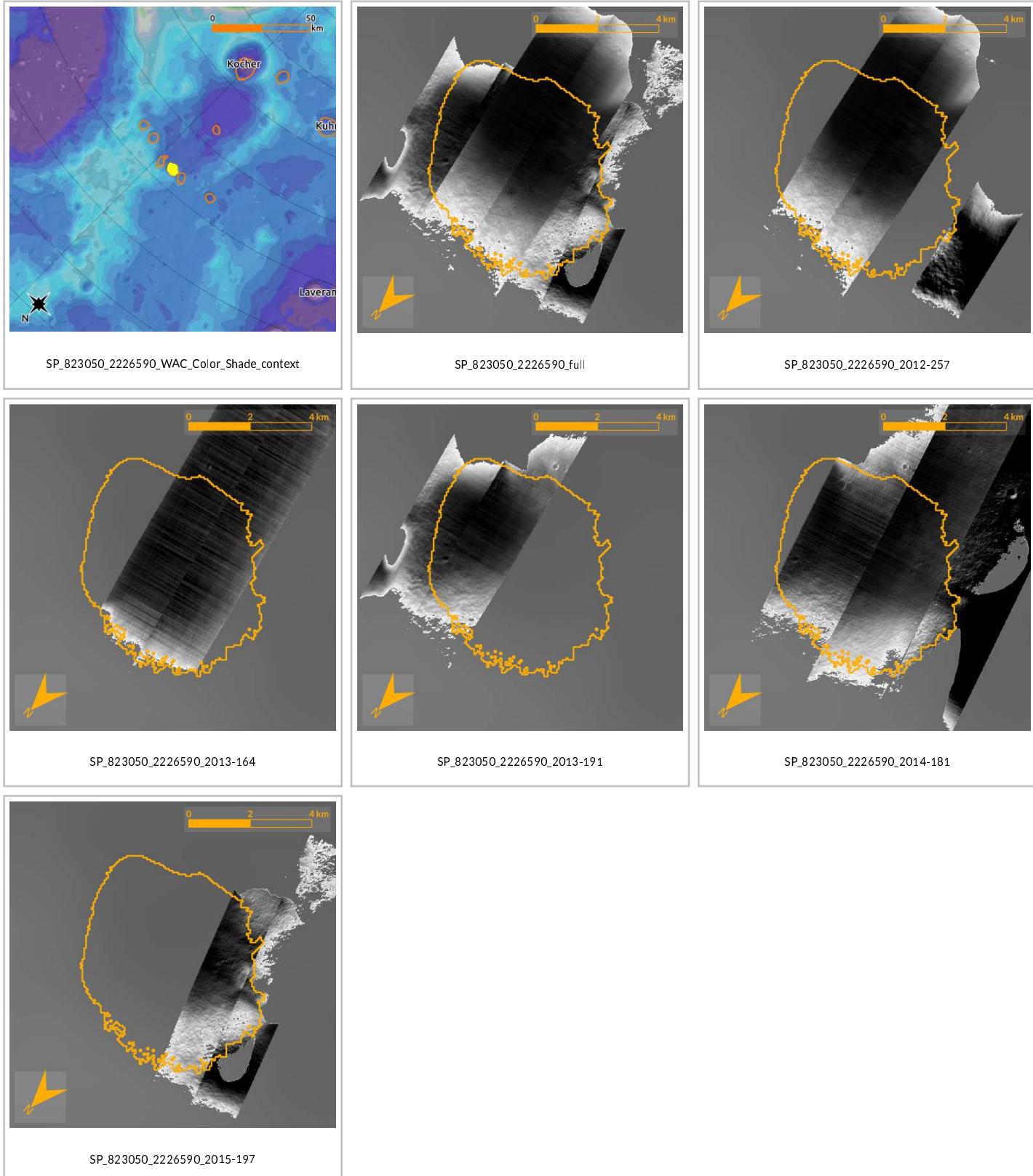


SP_822920_2211100_2014-208

SP_823050_2226590

Lunar Features: Kocher Crater Laveran Crater
Centroid Latitude: -82.305
Centroid Longitude: 222.659
Area (km²): 30.33
Perimeter (km): 42.84
Pixel Scale Range (m): 10-20
Coverage (%): 100

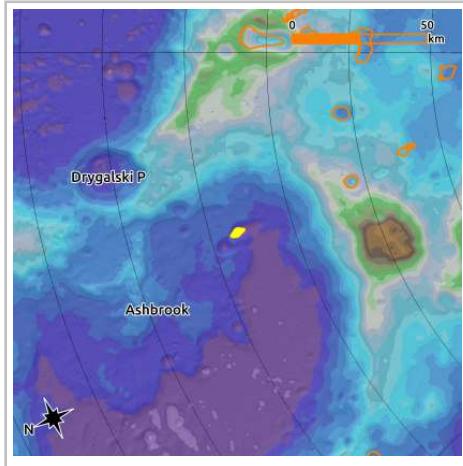
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_823050_2226590



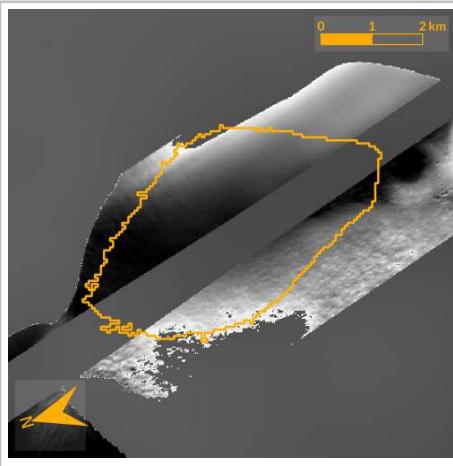
SP_823280_2534270

Lunar Features: Ashbrook Crater
Centroid Latitude: -82.328
Centroid Longitude: 253.427
Area (km²): 15.59
Perimeter (km): 24.96
Pixel Scale Range (m): 9-20
Coverage (%): 95

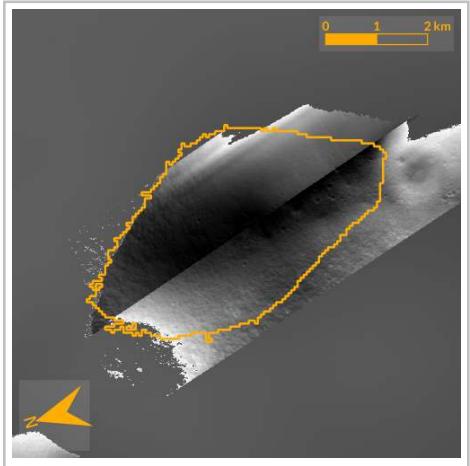
Features of Interest:
Notes: Blurry images
Image Lists: lroc.sese.asu.edu/psr/SP_823280_2534270



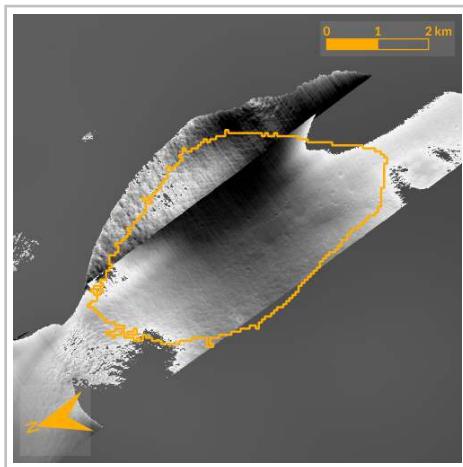
SP_823280_2534270_WAC_Color_Shade_context



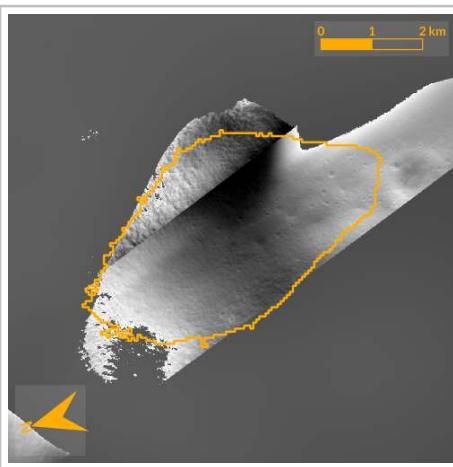
SP_823280_2534270_2013-189



SP_823280_2534270_2013-216



SP_823280_2534270_2014-179

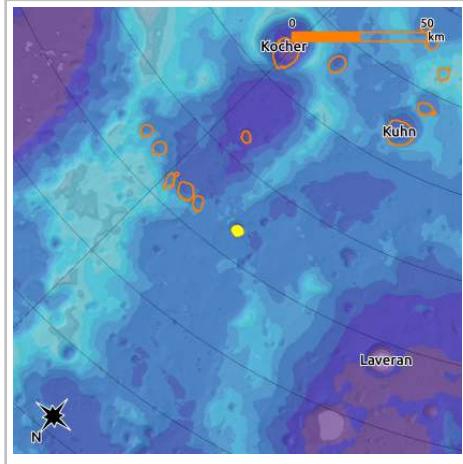


SP_823280_2534270_2014-206

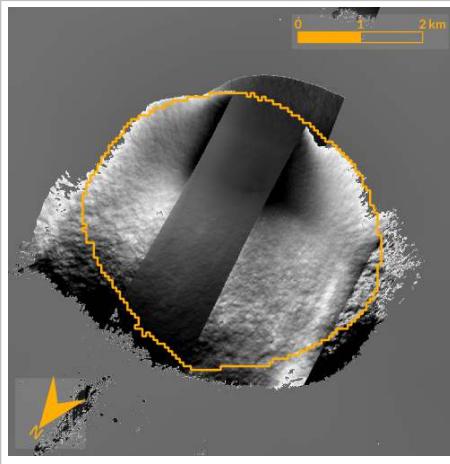
SP_823350_2167510

Lunar Features: Kocher Crater Laveran Crater
Centroid Latitude: -82.335
Centroid Longitude: 216.751
Area (km²): 16.09
Perimeter (km): 19.08
Pixel Scale Range (m): 5-20
Coverage (%): 100

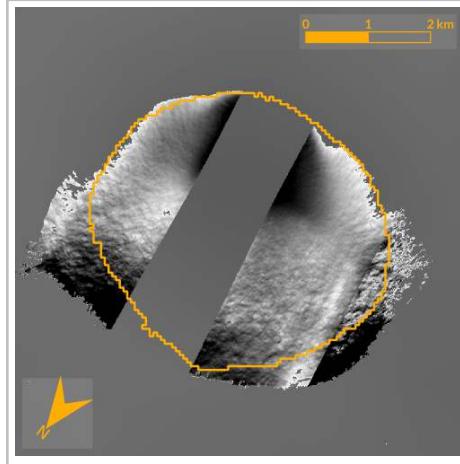
Features of Interest:
Notes: Blurry images
Image Lists: lroc.sese.asu.edu/psr/SP_823350_2167510



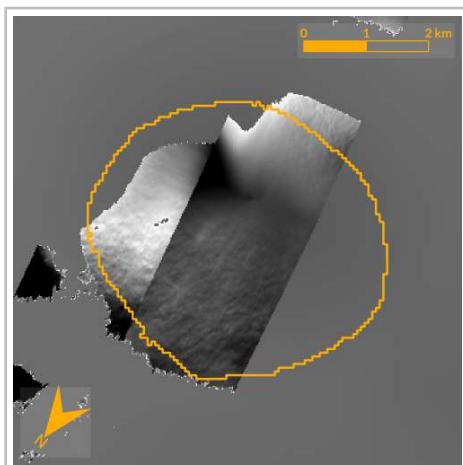
SP_823350_2167510_WAC_Color_Shade_context



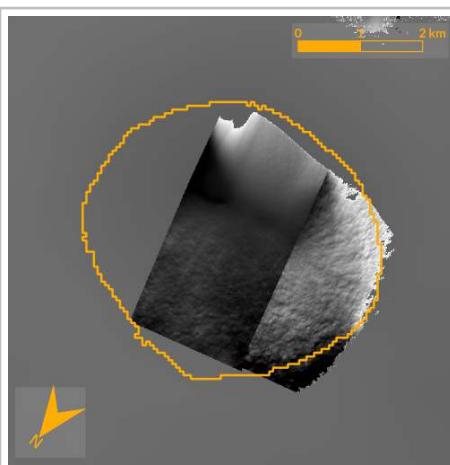
SP_823350_2167510_full



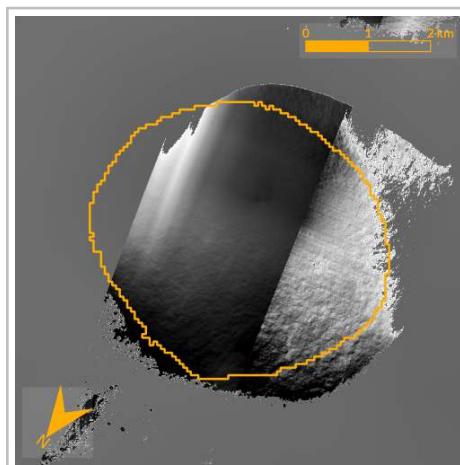
SP_823350_2167510_2012-230



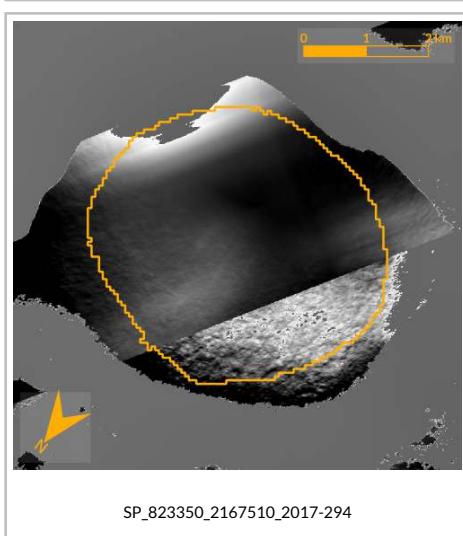
SP_823350_2167510_2013-191



SP_823350_2167510_2013-219



SP_823350_2167510_2014-181



SP_823350_2167510_2017-294

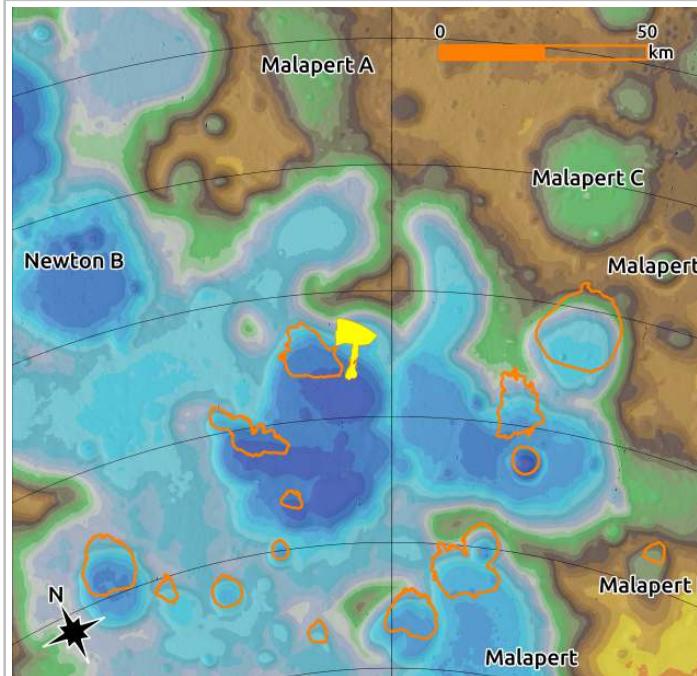
SP_823950_3576610

Lunar Features: Newton B, Malapert C
Centroid Latitude: -82.395
Centroid Longitude: 357.661
Area (km²): 61.24
Perimeter (km): 73.145573
Pixel Scale Range (m): 12-20
Coverage (%): 70

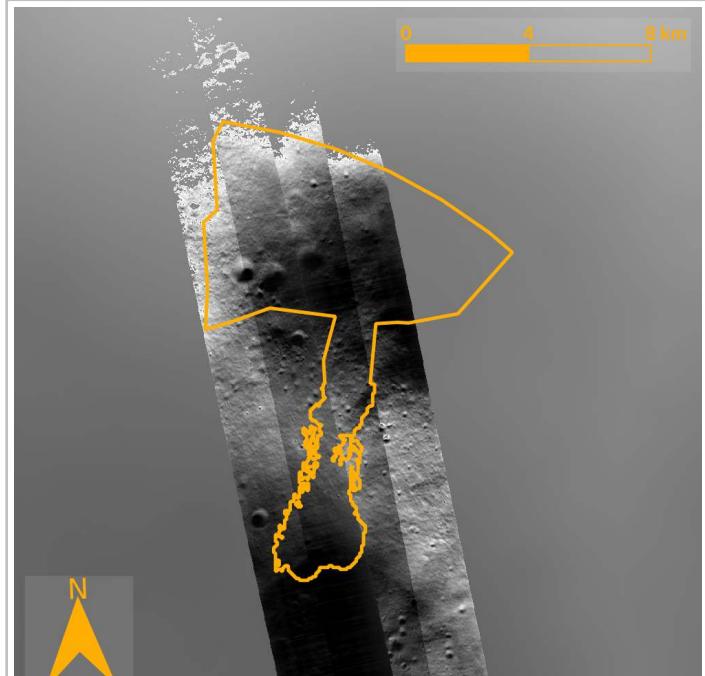
Features of Interest:

Notes:

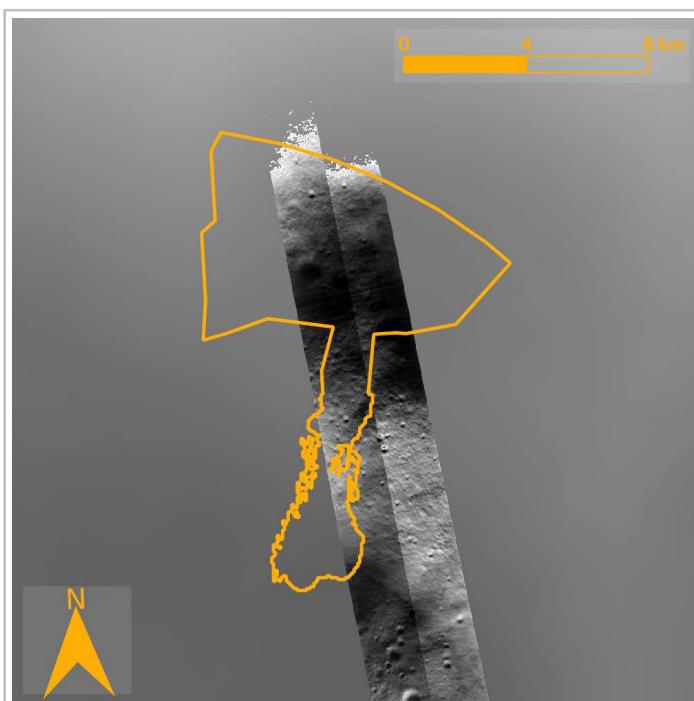
Image Lists: lroc.sese.asu.edu/psr/SP_823950_3576610



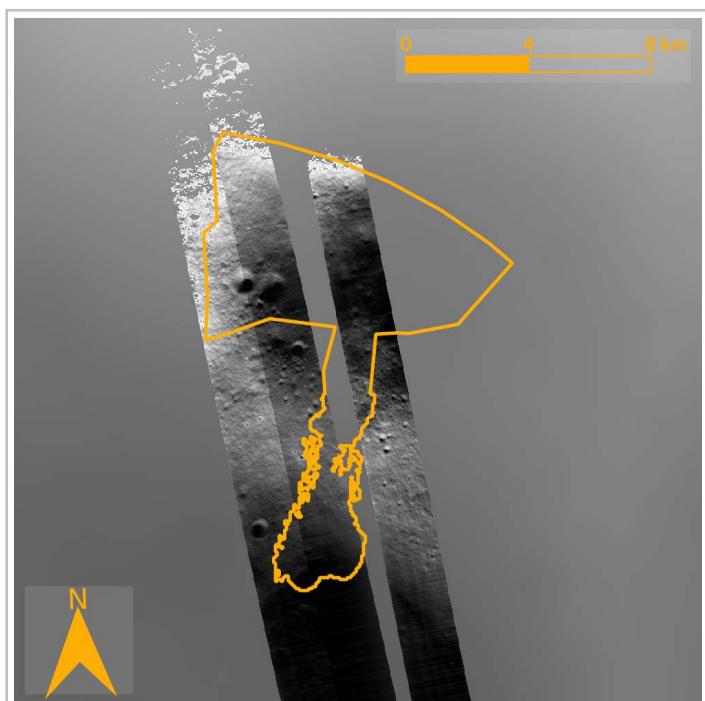
SP_823950_3576610_WAC_Color_Shade_context



SP_823950_3576610_full



SP_823950_3576610_2012-247

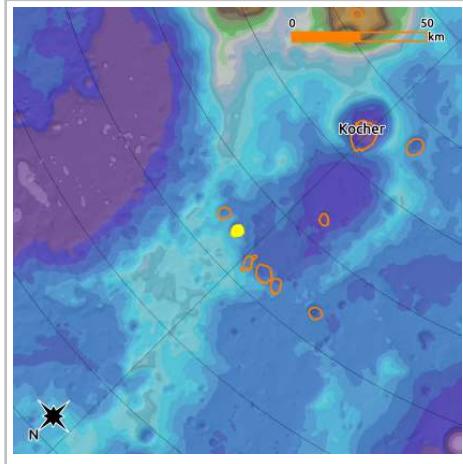


SP_823950_3576610_2012-274

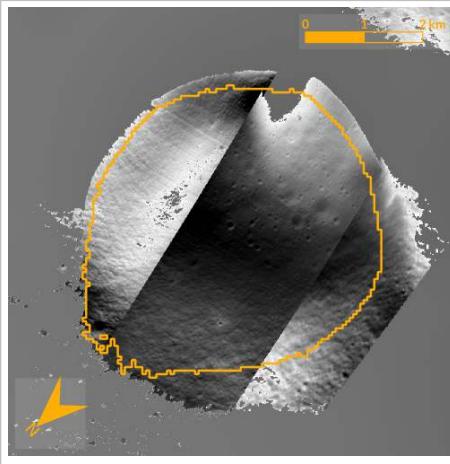
SP_824450_2271370

Lunar Features: Ashbrook Crater, Kocher Crater
Centroid Latitude: -82.445
Centroid Longitude: 227.137
Area (km²): 19.99
Perimeter (km): 23.4
Pixel Scale Range (m): 9-20
Coverage (%): 75

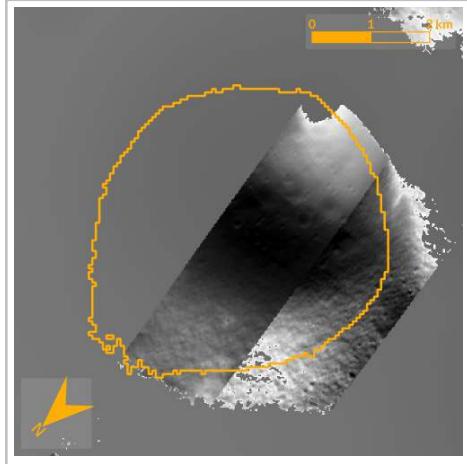
Features of Interest: 2014-208 (M1161075606L): 226.885, -82.408 (S565 L1009) - crater with high reflectance
Notes: Dark crater floor
Image Lists: lroc.sese.asu.edu/psr/SP_824450_2271370



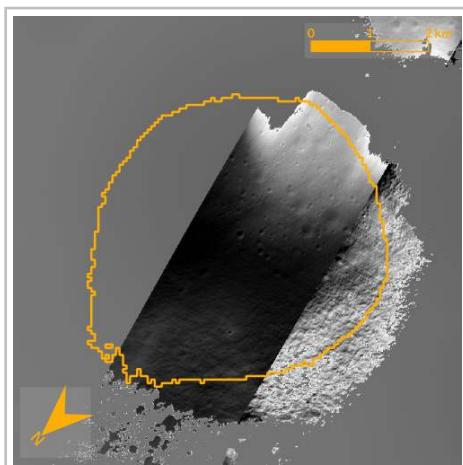
SP_824450_2271370_WAC_Color_Shade_context



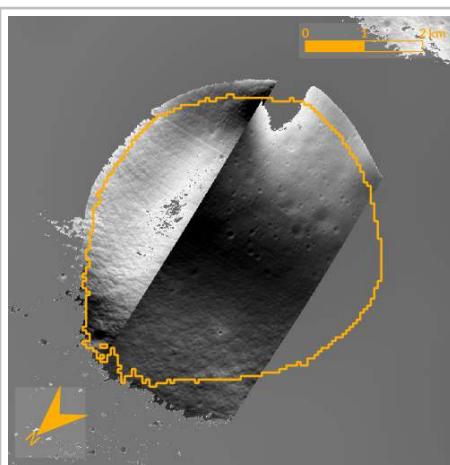
SP_824450_2271370_full



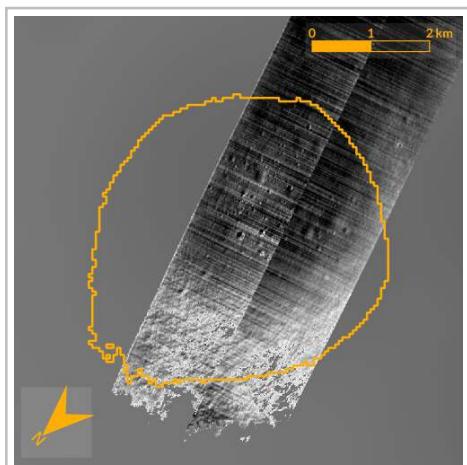
SP_824450_2271370_2012-257



SP_824450_2271370_2014-181



SP_824450_2271370_2014-208

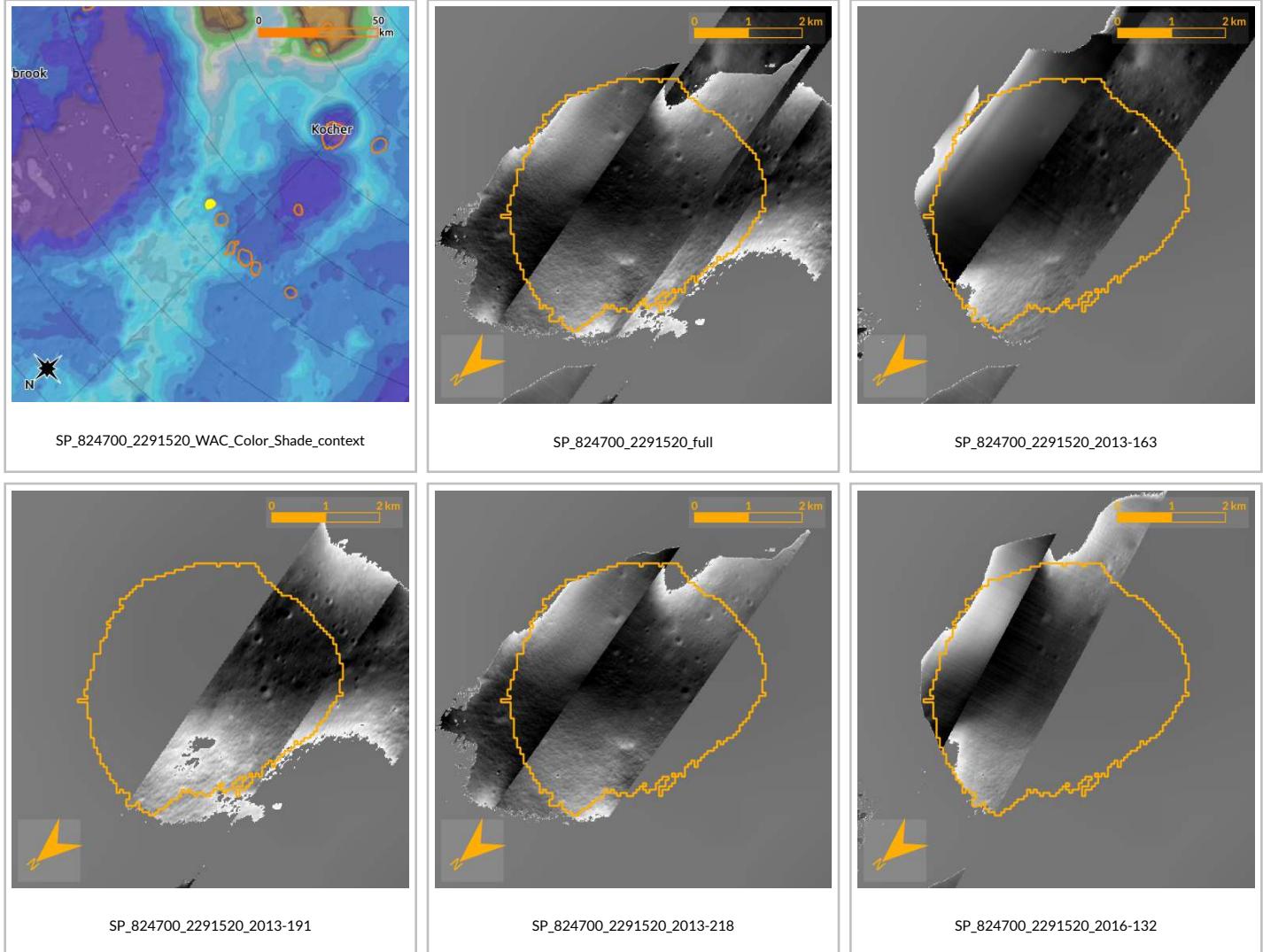


SP_824450_2271370_2016-132

SP_824700_2291520

Lunar Features: Ashbrook Crater, Kocher Crater
Centroid Latitude: -82.47
Centroid Longitude: 229.152
Area (km²): 15.80
Perimeter (km): 23.04
Pixel Scale Range (m): 10-20
Coverage (%): 75

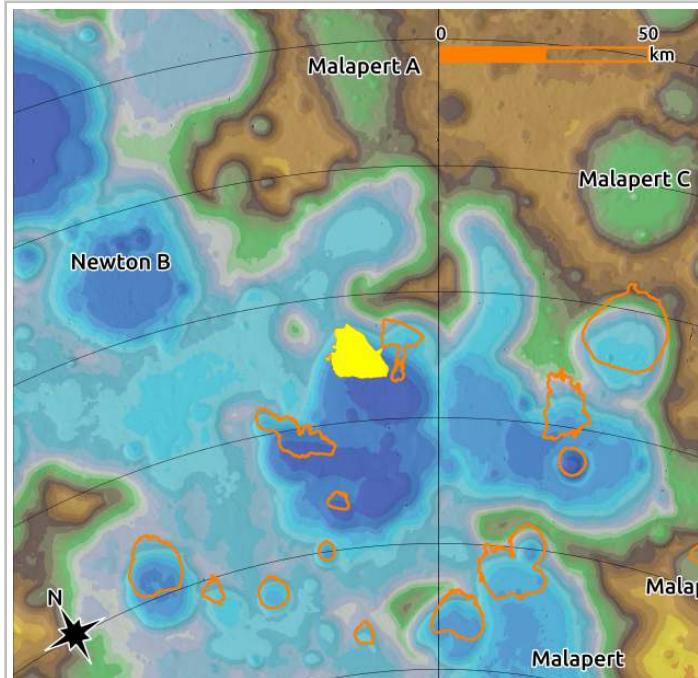
Features of Interest: 2013-218 (M1130429835L): 228.933, -82.443 (S733 L858) - high reflectance on crater wall
Notes: Dark crater floor
Image Lists: lroc.sese.asu.edu/psr/SP_824700_2291520



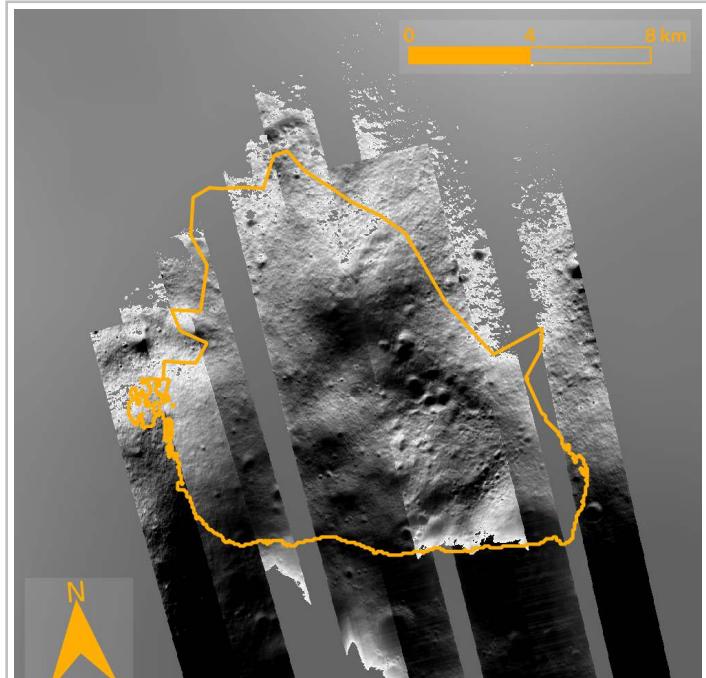
SP_824820_3550120

Lunar Features: Newton B
Centroid Latitude: -82.482
Centroid Longitude: 355.012
Area (km²): 124.33
Perimeter (km): 100.26679
Pixel Scale Range (m): 20-20
Coverage (%): 80

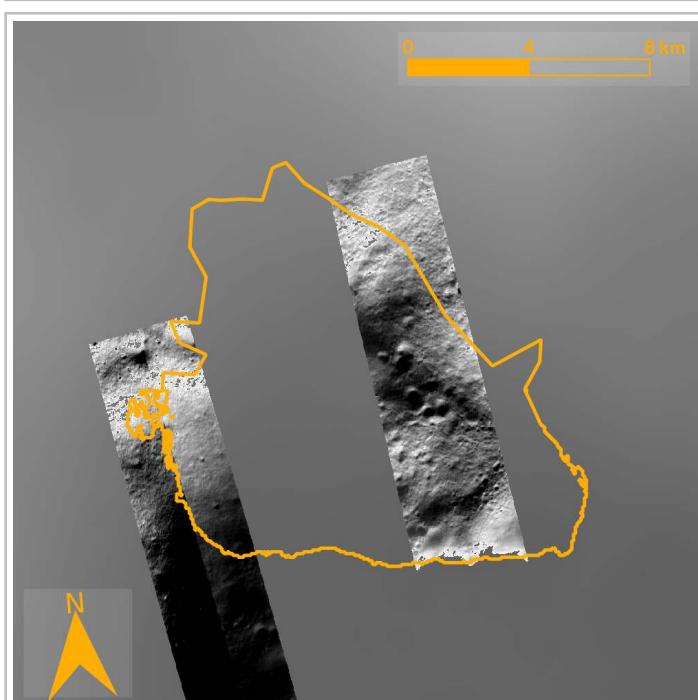
Features of Interest: 2012-247 (M1101297099R): 355.803, -82.48 (S115 L394) - oblong shaped crater
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_824820_3550120



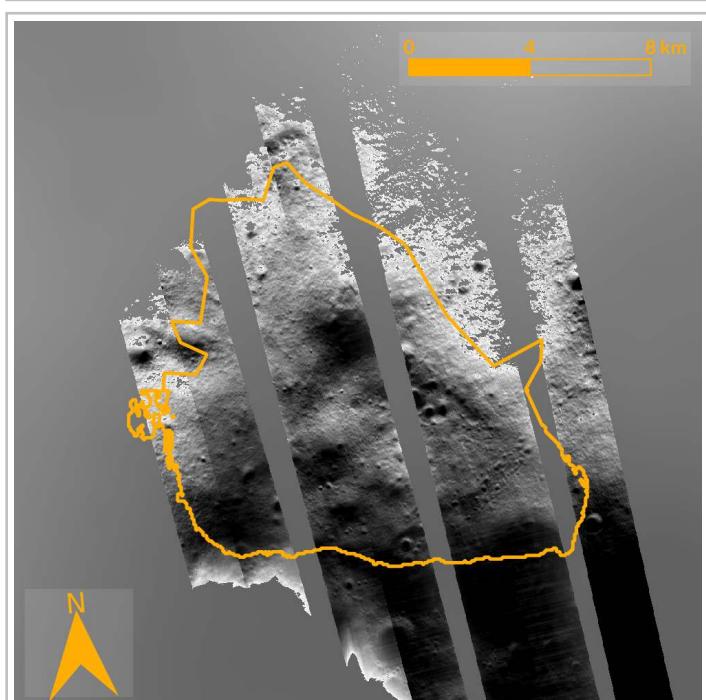
SP_824820_3550120_WAC_Color_Shade_context



SP_824820_3550120_full



SP_824820_3550120_2012-247

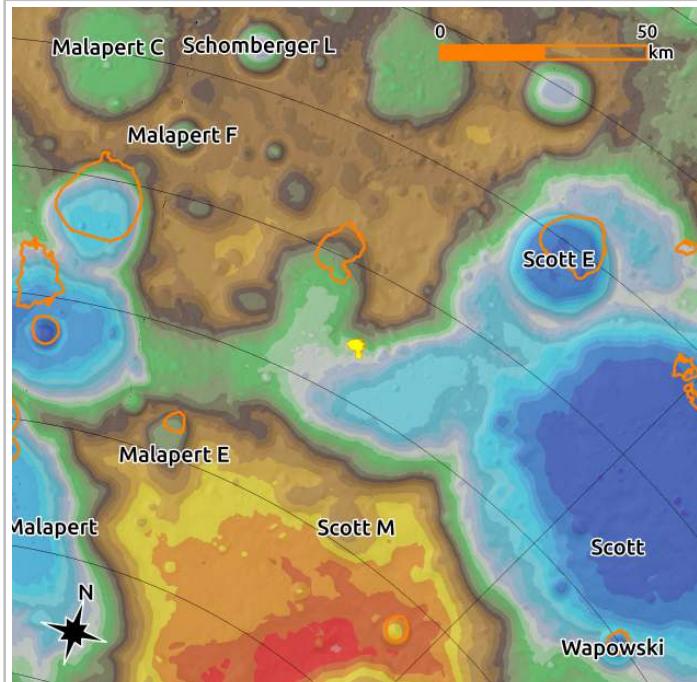


SP_824820_3550120_2012-274

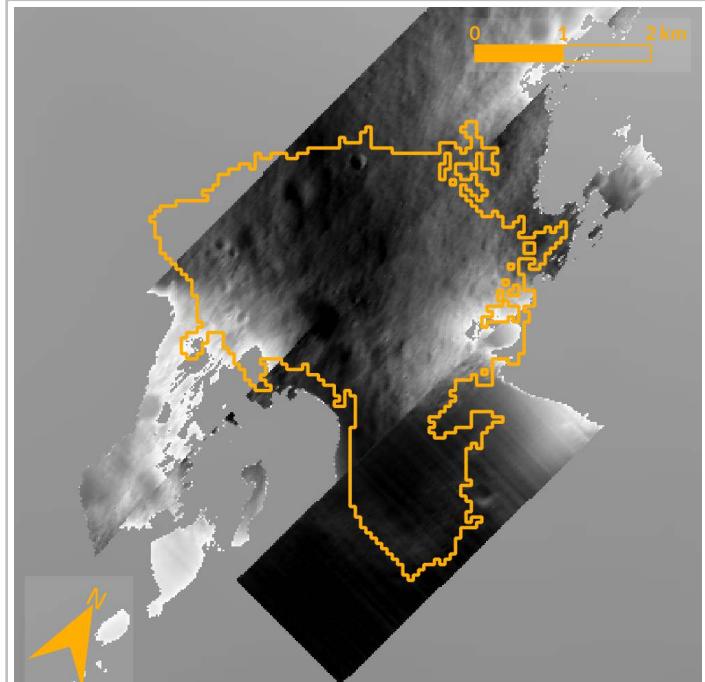
SP_825890_0285130

Lunar Features: Scott Crater, Malapert E
Centroid Latitude: -82.589
Centroid Longitude: 28.513
Area (km²): 11.78
Perimeter (km): 37.8
Pixel Scale Range (m): 20-20
Coverage (%): 80

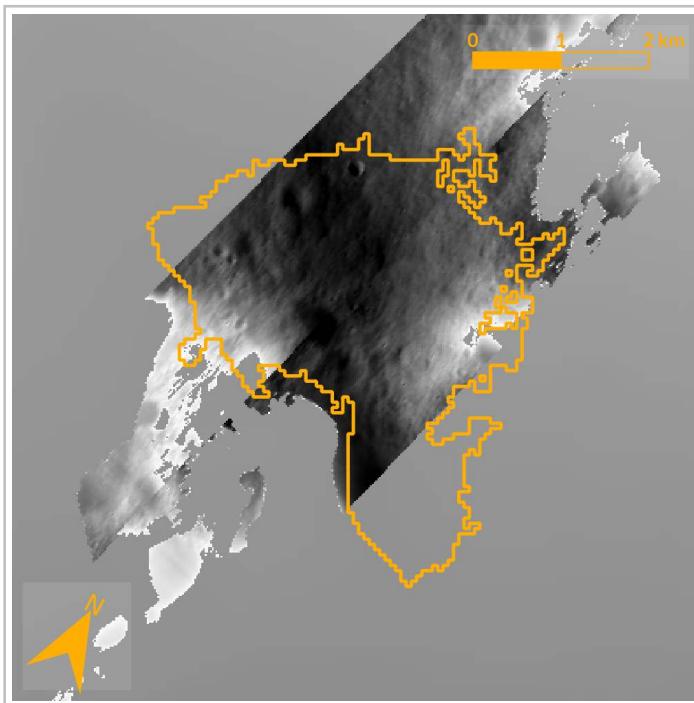
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_825890_0285130



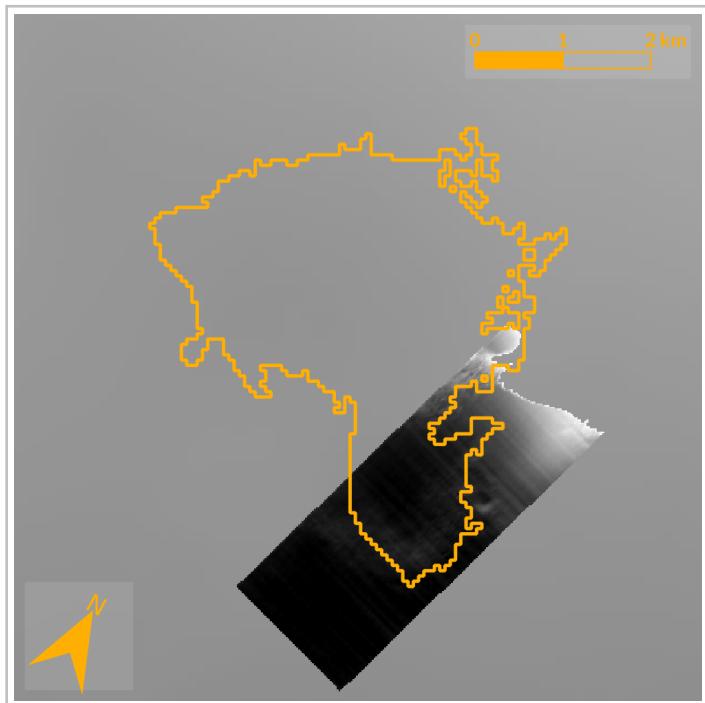
SP_825890_0285130_WAC_Color_Shade_context



SP_825890_0285130_full



SP_825890_0285130_2013-136

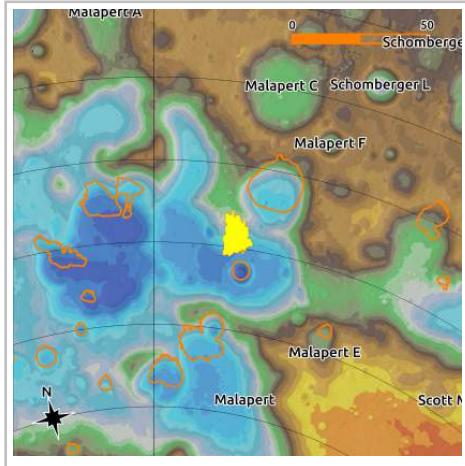


SP_825890_0285130_2013-163

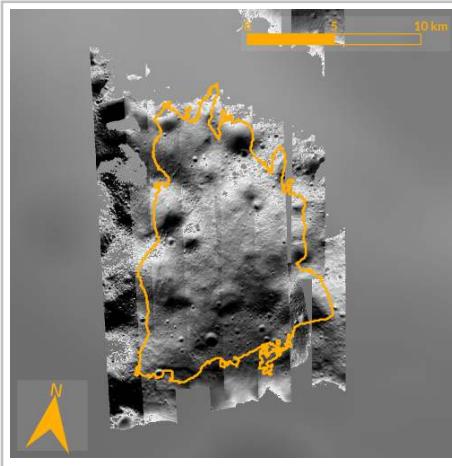
SP_828530_0080500

Lunar Features: Malapert F , Malapert E,
Centroid Latitude: -82.853
Centroid Longitude: 8.05
Area (km²): 119.17
Perimeter (km): 115.32
Pixel Scale Range (m): 1-20
Coverage (%): 90

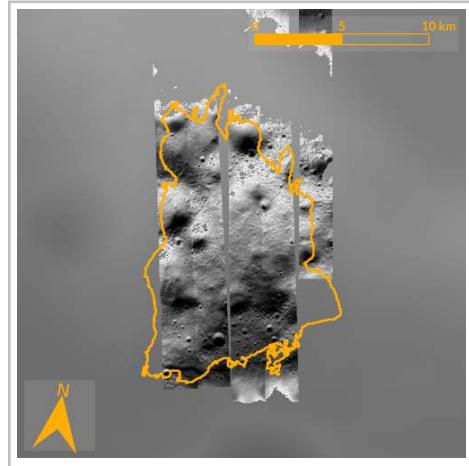
Features of Interest: 2012-273 (M1103582829L): 7.95, -82.744 (S131 L1541) - craters with high reflectance
Notes: Smooth terrain and dark crater floors
Image Lists: lroc.sese.asu.edu/psr/SP_828530_0080500



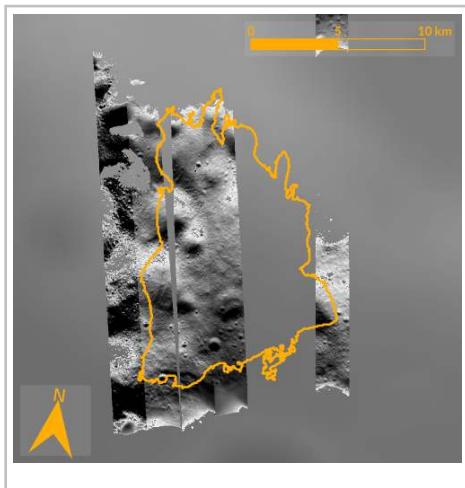
SP_828530_0080500_WAC_Color_Shade_context



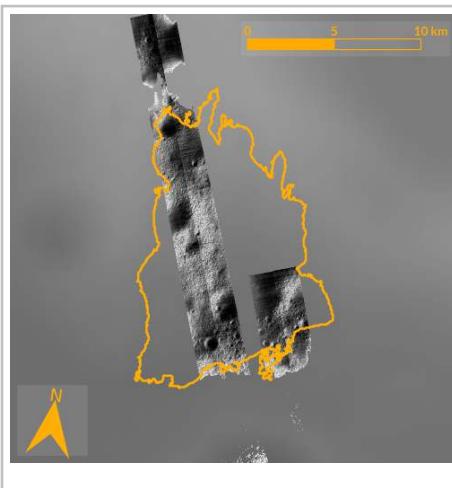
SP_828530_0080500_full



SP_828530_0080500_2012-246



SP_828530_0080500_2012-273

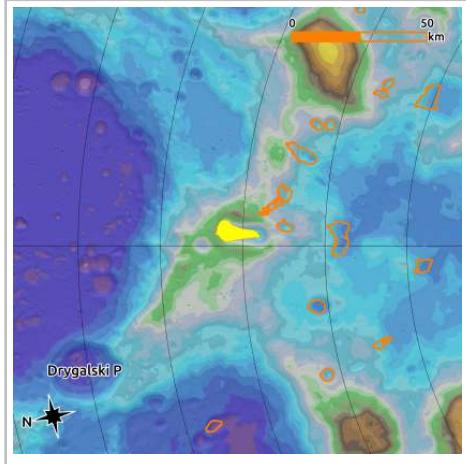


SP_828530_0080500_2015-159

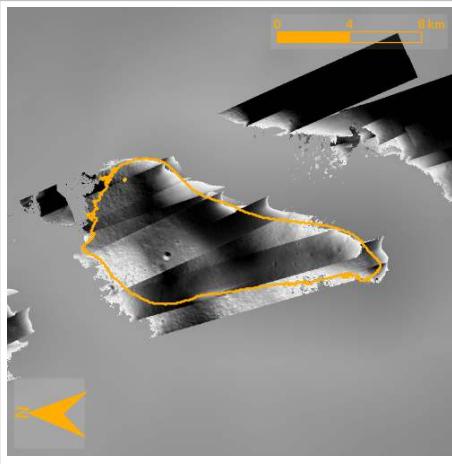
SP_828910_2713550

Lunar Features: Drygalski Crater, Drygalski P
Centroid Latitude: -82.891
Centroid Longitude: 271.355
Area (km²): 73.75
Perimeter (km): 62.64
Pixel Scale Range (m): 7-20
Coverage (%): 100

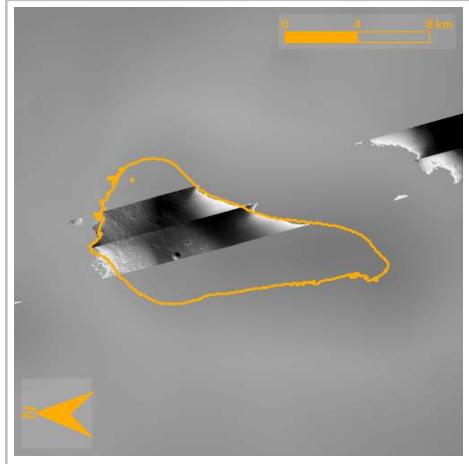
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_828910_2713550



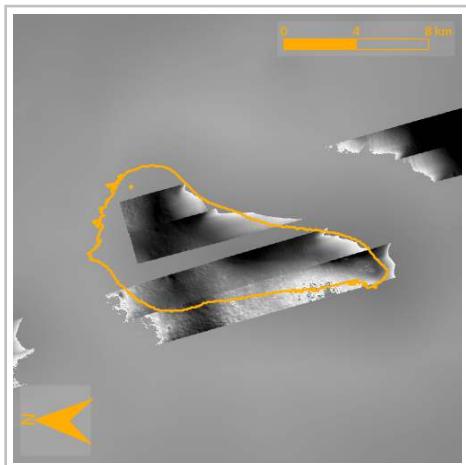
SP_828910_2713550_WAC_Color_Shade_context



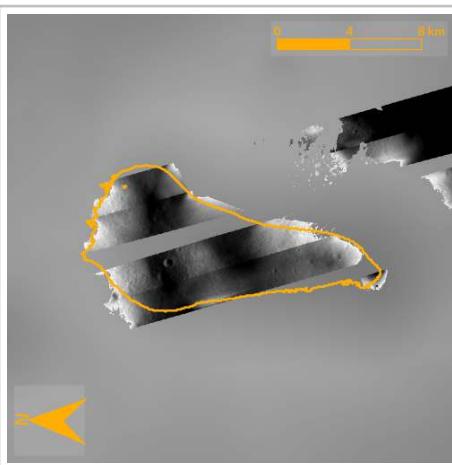
SP_828910_2713550_full



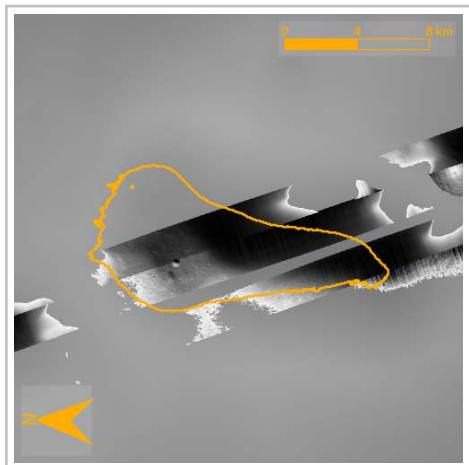
SP_828910_2713550_2012-226



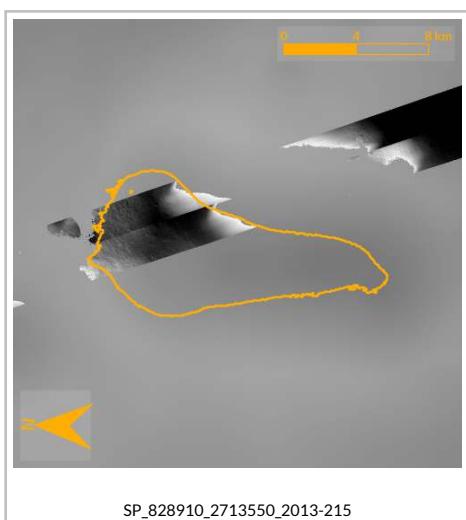
SP_828910_2713550_2012-254



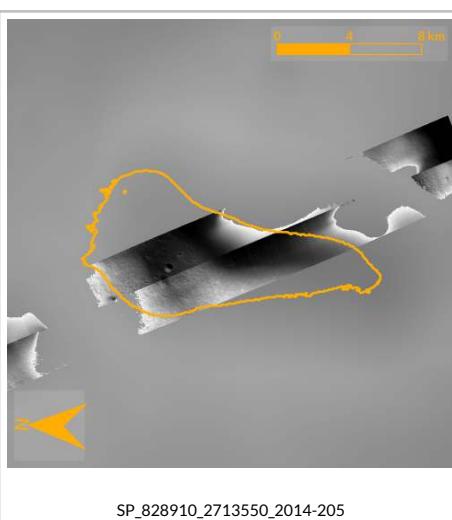
SP_828910_2713550_2012-281



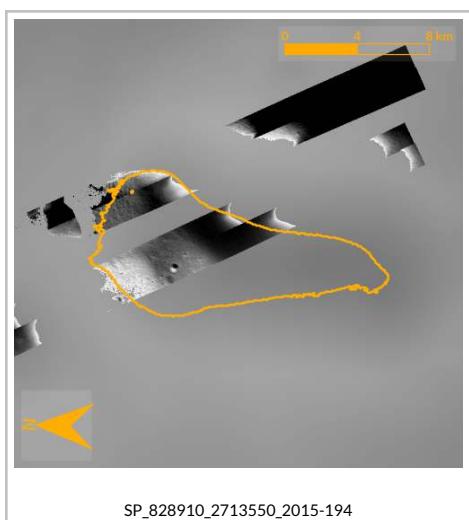
SP_828910_2713550_2013-188



SP_828910_2713550_2013-215



SP_828910_2713550_2014-205



SP_828910_2713550_2015-194

SP_830080_0535120

Lunar Features: Wapowski Crater

Centroid Latitude: -83.008

Centroid Longitude: 53.512

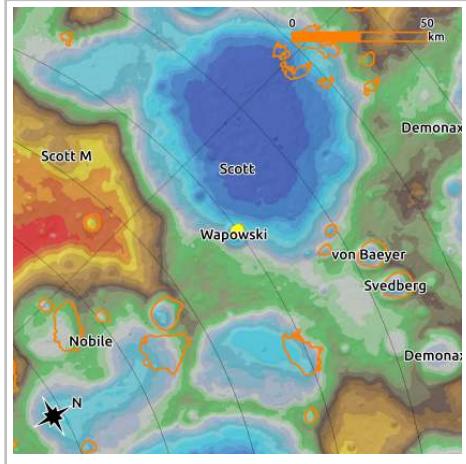
Area (km²): 22.42

Perimeter (km): 28.92

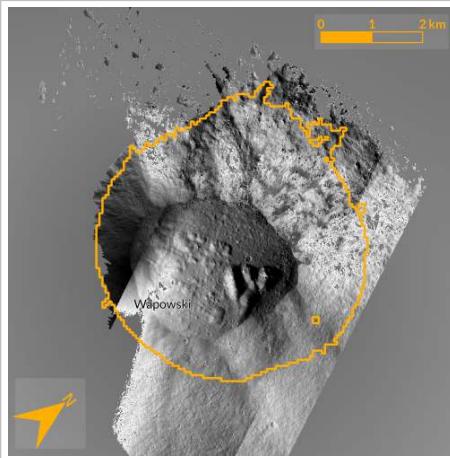
Pixel Scale Range (m): 10-20

Coverage (%): 95

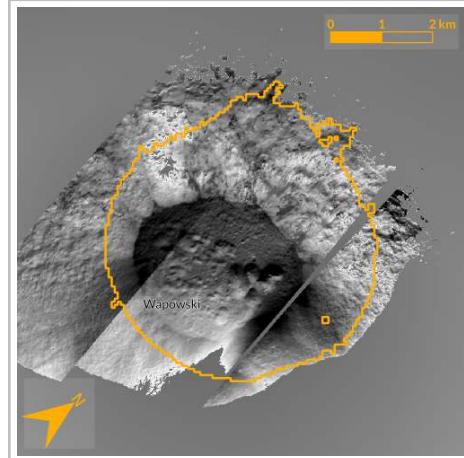
Features of Interest: 2012-215 (M1098589253R): 53.739, -83.016 (S3258 L1017) - hummocky terrain on crater floor & 53.388, -82.942 (S3363 L777) - dark and light reflectance crater wall streaks
Notes: Neat view inside crater
Image Lists: lroc.sese.asu.edu/psr/SP_830080_0535120



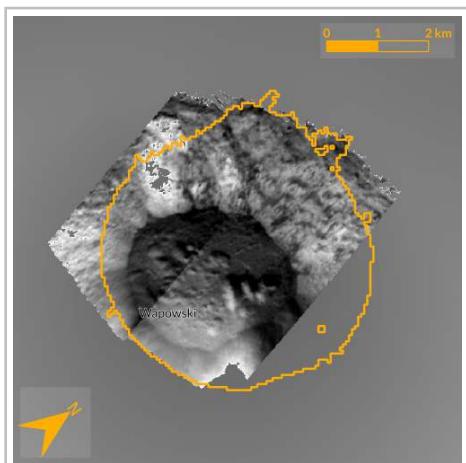
SP_830080_0535120_WAC_Color_Shade_context



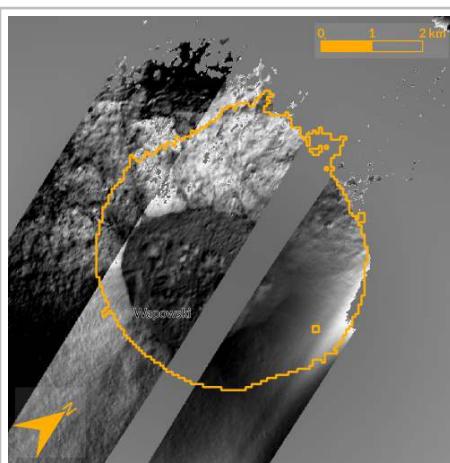
SP_830080_0535120_full



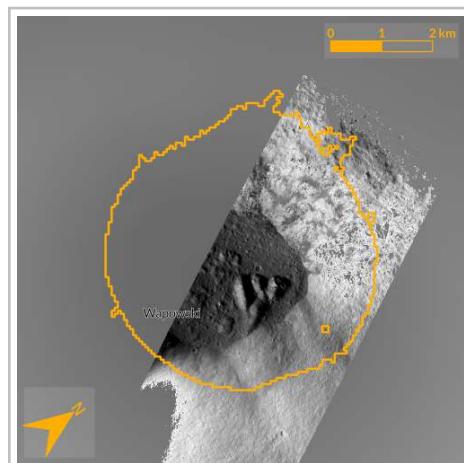
SP_830080_0535120_2012-215



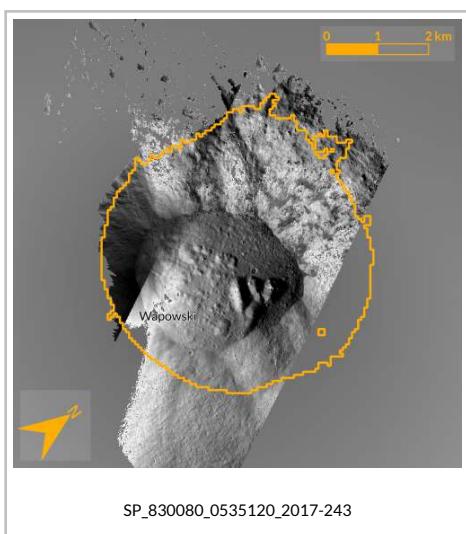
SP_830080_0535120_2012-243



SP_830080_0535120_2015-156



SP_830080_0535120_2017-242

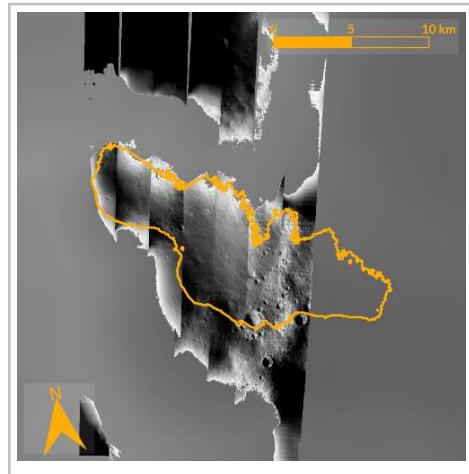
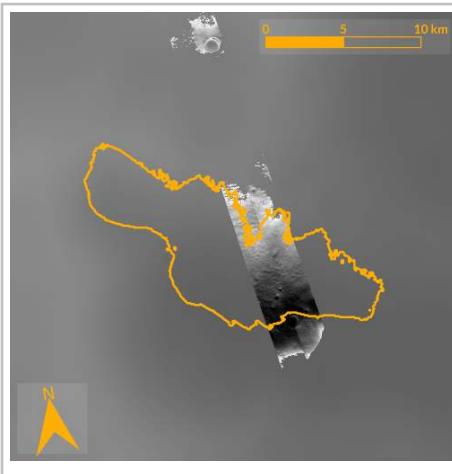
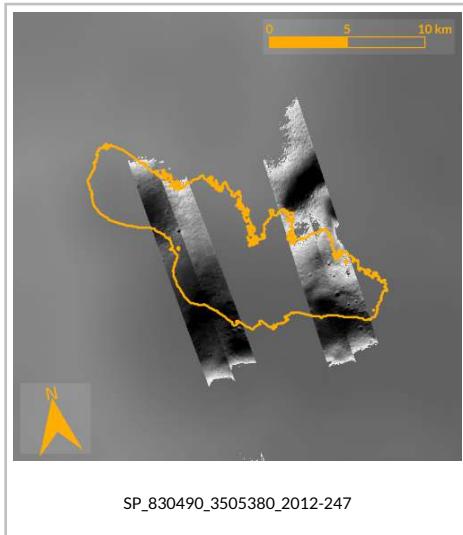
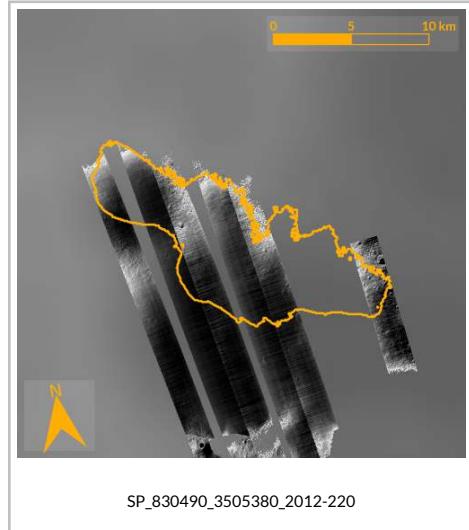
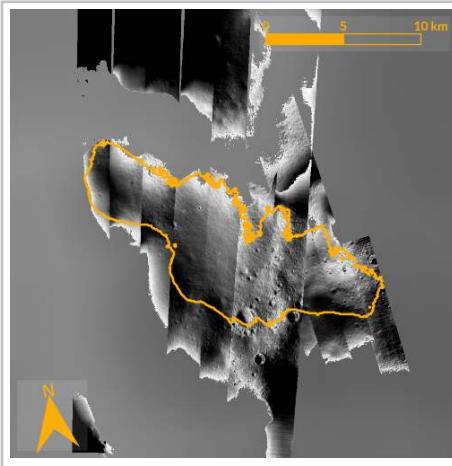
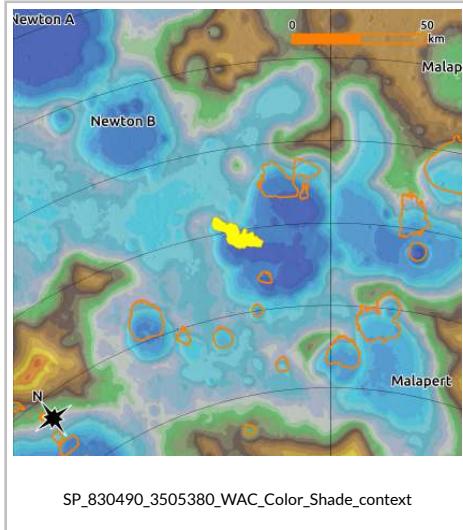


SP_830080_0535120_2017-243

SP_830490_3505380

Lunar Features: Newton B
Centroid Latitude: -83.049
Centroid Longitude: 350.538
Area (km²): 101.76
Perimeter (km): 125.16
Pixel Scale Range (m): 10-20
Coverage (%): 100

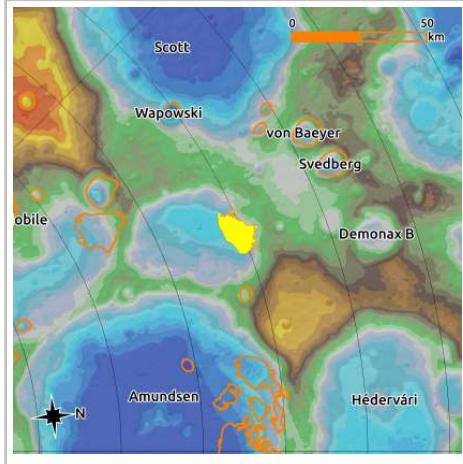
Features of Interest: 2013-139 (M1123567567L): 351.269, -83.162 (S83 L1395) - crater with high reflectance
Notes: Smooth terrain
Image Lists: lroc.sese.asu.edu/psr/SP_830490_3505380



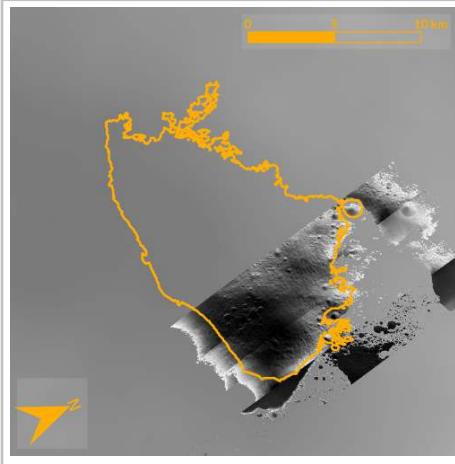
SP_830550_0674490

Lunar Features: Demonax B
Centroid Latitude: -83.055
Centroid Longitude: 67.449
Area (km²): 129.56
Perimeter (km): 171.96
Pixel Scale Range (m): 10-20
Coverage (%): 100

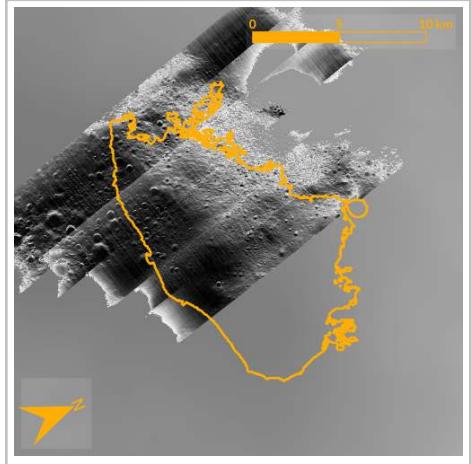
Features of Interest:
Notes: Highly cratered terrain
Image Lists: lroc.sese.asu.edu/psr/SP_830550_0674490



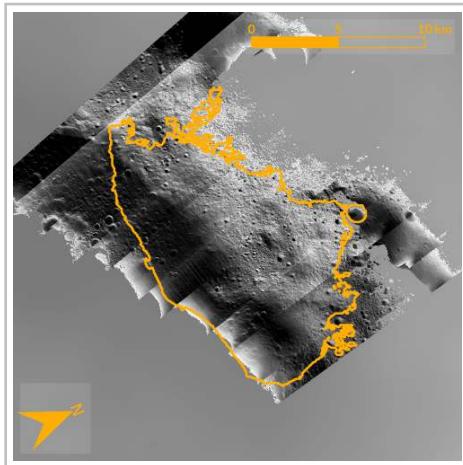
SP_830550_0674490_WAC_Color_Shade_context



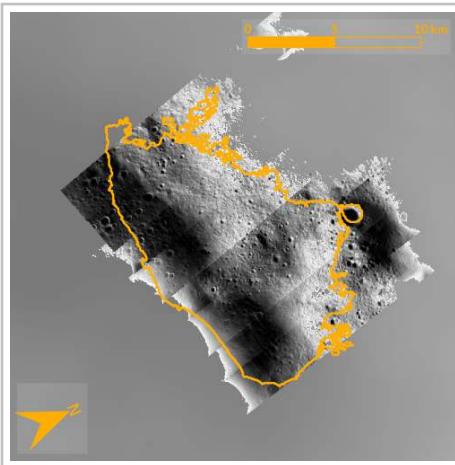
SP_830550_0674490_2012-214



SP_830550_0674490_2012-215



SP_830550_0674490_2012-242



SP_830550_0674490_2012-269

SP_830760_0866010

Lunar Features: Amundsen Crater

Centroid Latitude: -83.076

Centroid Longitude: 86.601

Area (km²): 28.92

Perimeter (km): 71.76

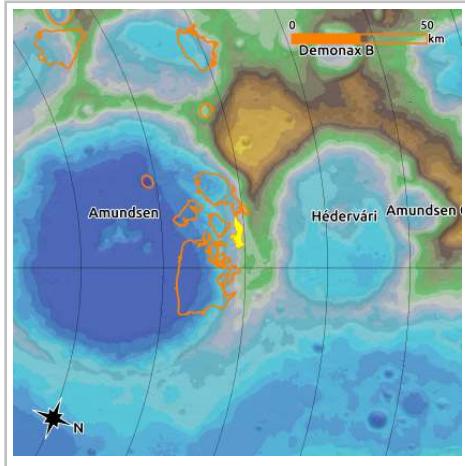
Pixel Scale Range (m): 10-20

Coverage (%): 100

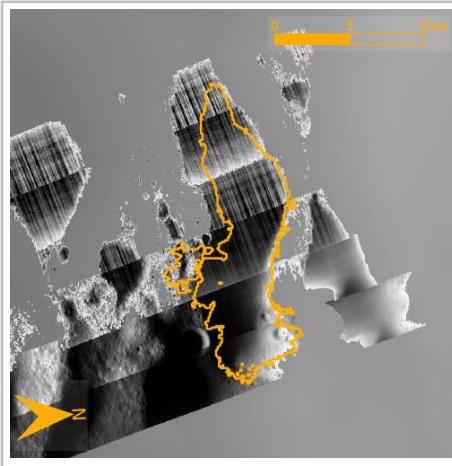
Features of Interest:

Notes:

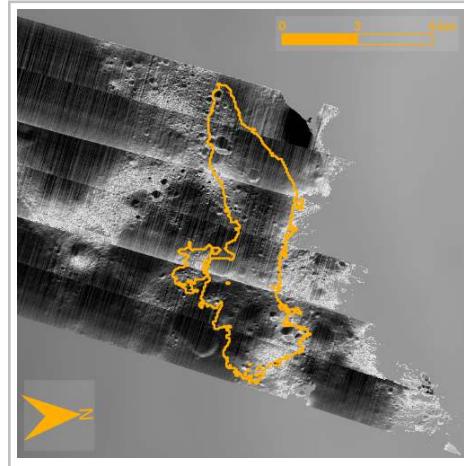
Image Lists: lroc.sese.asu.edu/psr/SP_830760_0866010



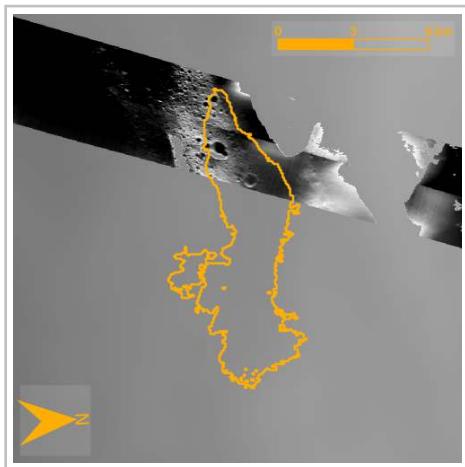
SP_830760_0866010_WAC_Color_Shade_context



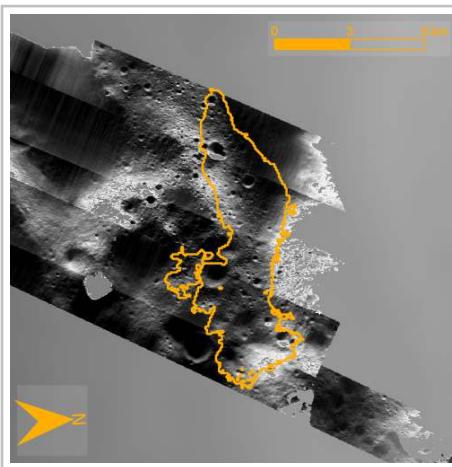
SP_830760_0866010_2012-268



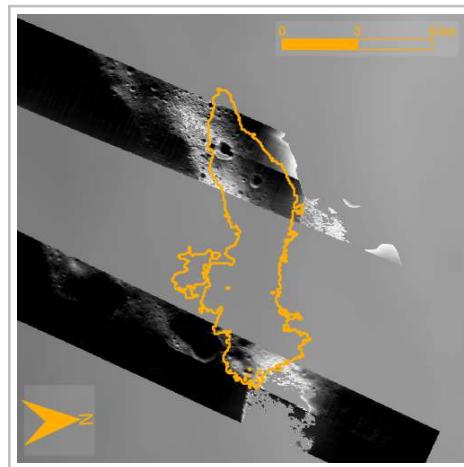
SP_830760_0866010_2013-131



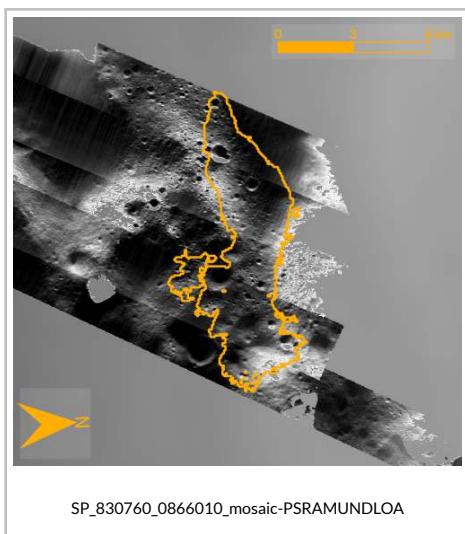
SP_830760_0866010_2013-158



SP_830760_0866010_2015-109



SP_830760_0866010_2015-136

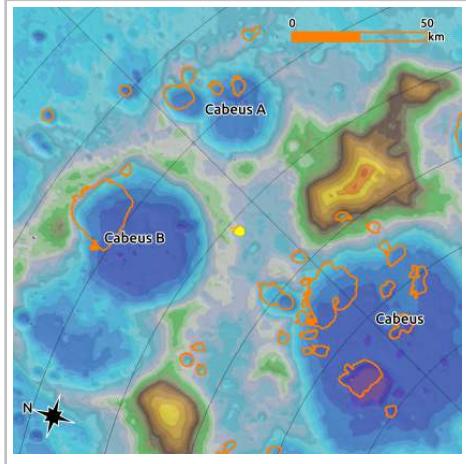


SP_830760_0866010_mosaic-PSRAMUNDLOA

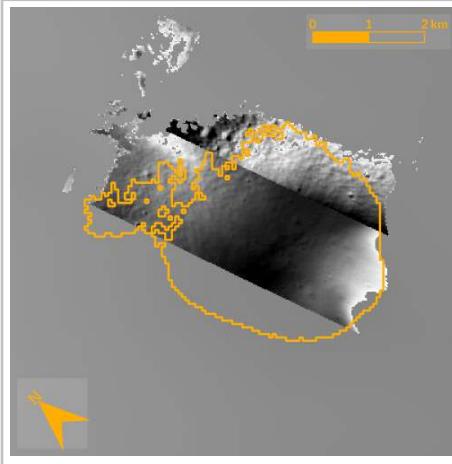
SP_831370_3119250

Lunar Features: Cabeus B, Cabeus Crater
Centroid Latitude: -83.137
Centroid Longitude: 311.925
Area (km²): 12.24
Perimeter (km): 35.52
Pixel Scale Range (m): 5-20
Coverage (%): 100

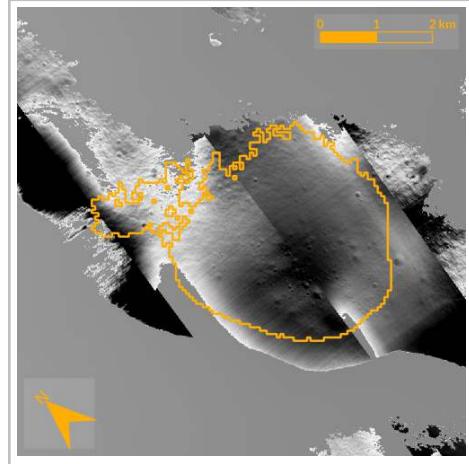
Features of Interest:
Notes: Blurry images
Image Lists: lroc.sese.asu.edu/psr/SP_831370_3119250



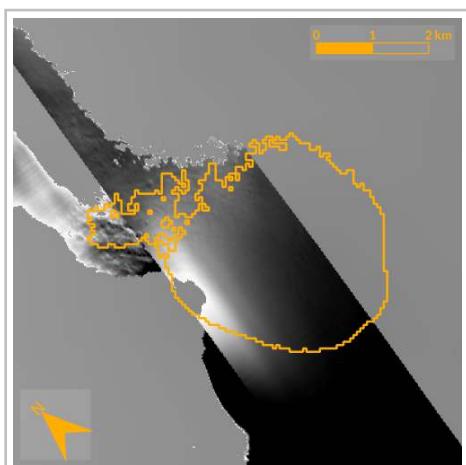
SP_831370_3119250_WAC_Color_Shade_context



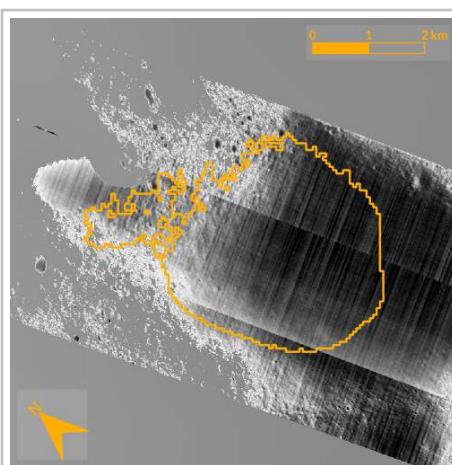
SP_831370_3119250_2012-278



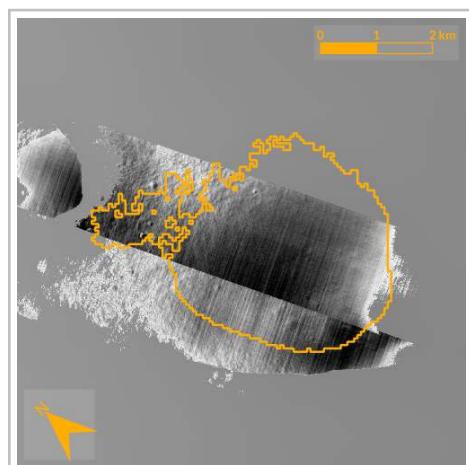
SP_831370_3119250_2013-114



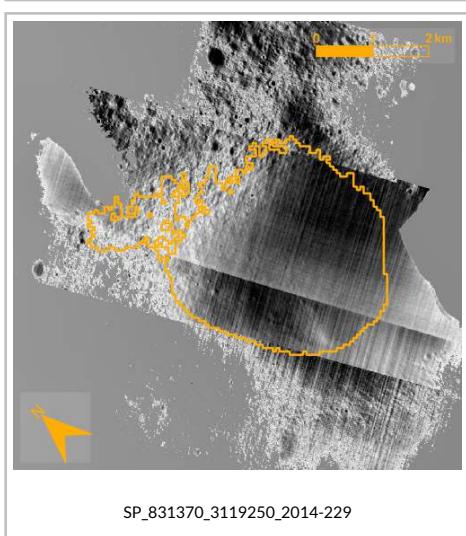
SP_831370_3119250_2013-142



SP_831370_3119250_2013-212



SP_831370_3119250_2013-267

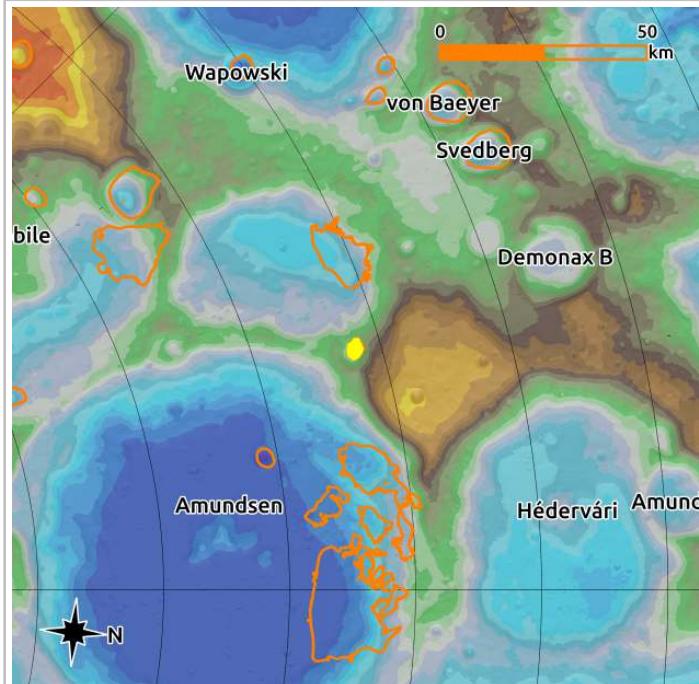


SP_831370_3119250_2014-229

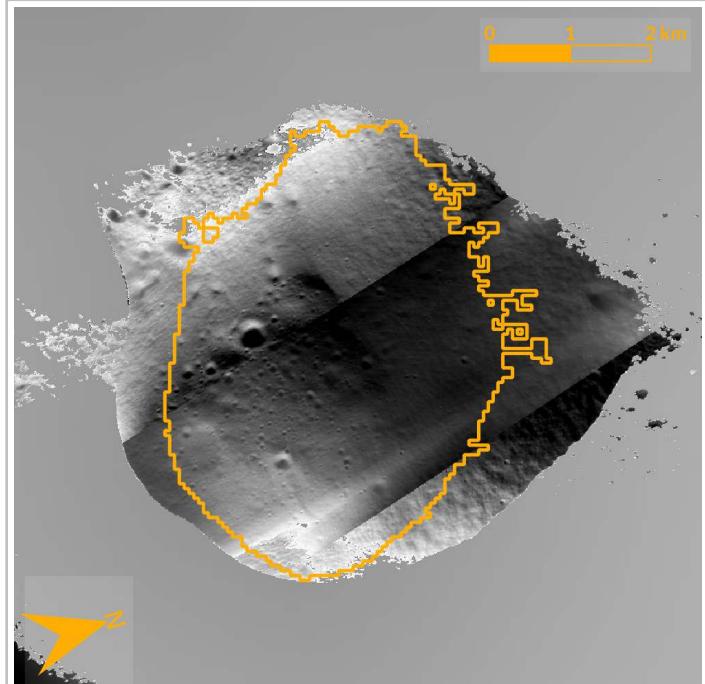
SP_832050_0736210

Lunar Features: Amundsen, Demonax B
Centroid Latitude: -83.205
Centroid Longitude: 73.621
Area (km²): 17.48
Perimeter (km): 33.0
Pixel Scale Range (m): 9-10
Coverage (%): 100

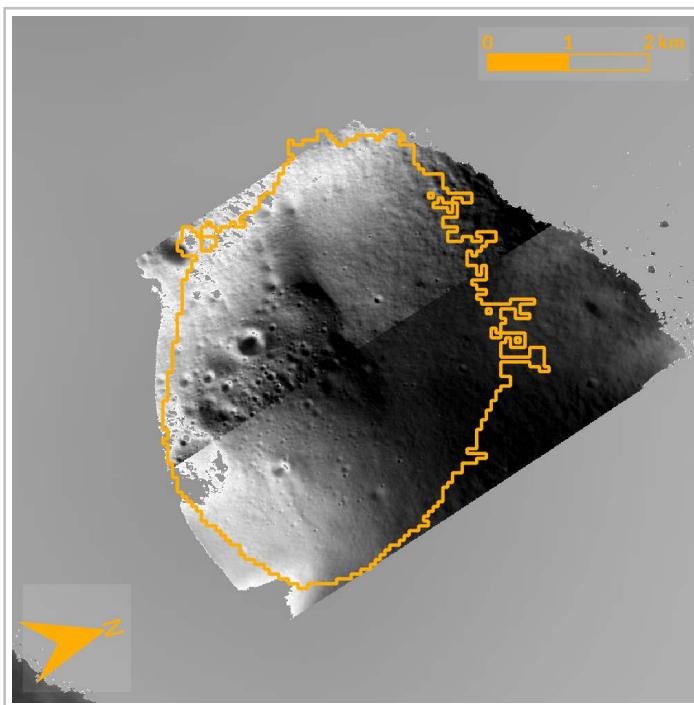
Features of Interest: 2012-241 (M1100832823R): 175.208, -83.341 (S6626 L2258) - dark melt on crater floor and many craters visible
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_832050_0736210



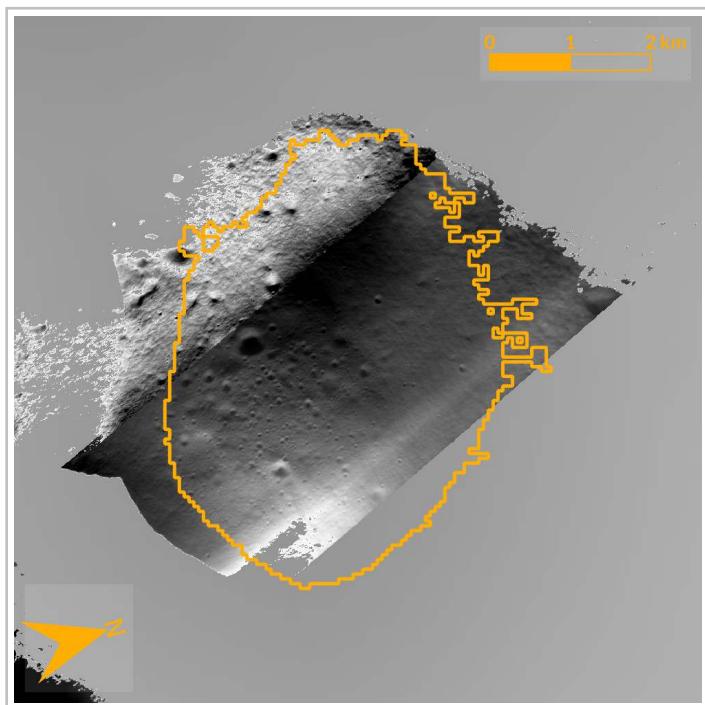
SP_832050_0736210_WAC_Color_Shade_context



SP_832050_0736210_2012-214



SP_832050_0736210_2012-241

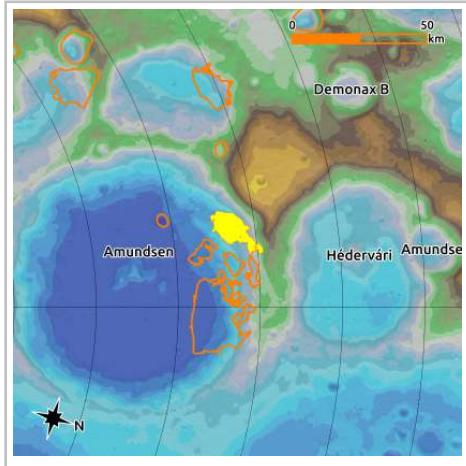


SP_832050_0736210_2014-193

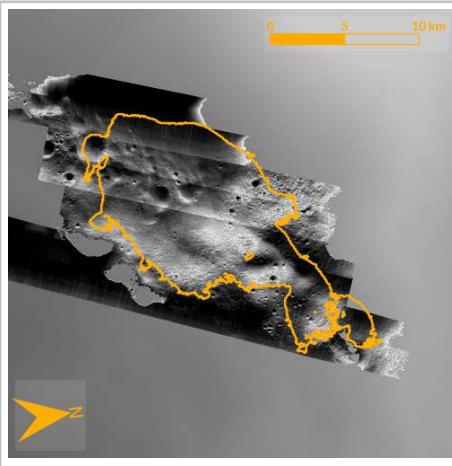
SP_832600_0820620

Lunar Features: Amundsen Crater,
Centroid Latitude: -83.26
Centroid Longitude: 82.062
Area (km²): 138.25
Perimeter (km): 158.52
Pixel Scale Range (m): 10-20
Coverage (%): 100

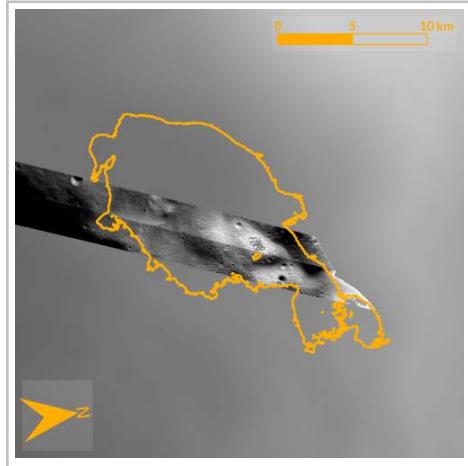
Features of Interest:
Notes: Smooth and textured terrain
Image Lists: lroc.sese.asu.edu/psr/SP_832600_0820620



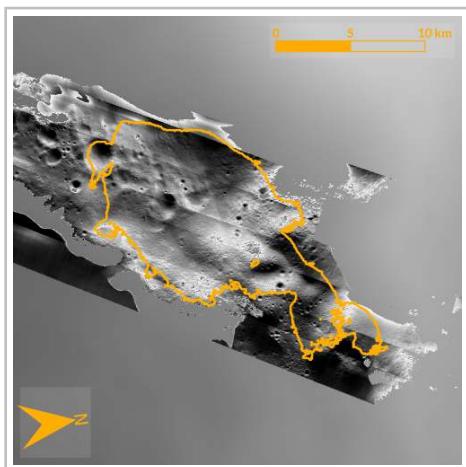
SP_832600_0820620_WAC_Color_Shade_context



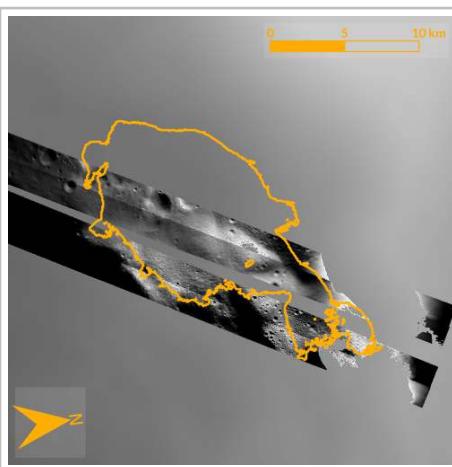
SP_832600_0820620_2013-131



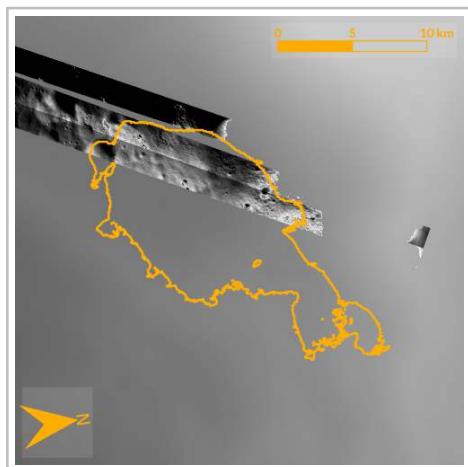
SP_832600_0820620_2013-158



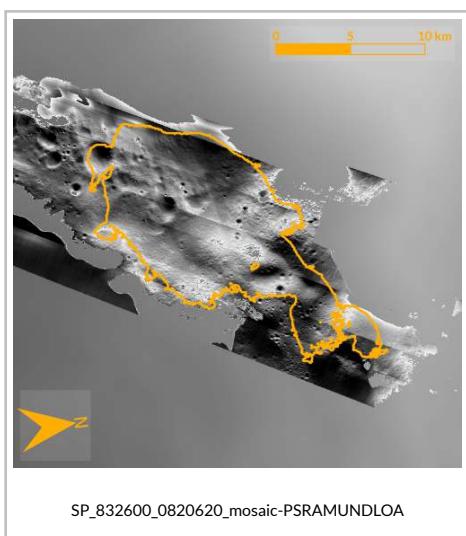
SP_832600_0820620_2015-109



SP_832600_0820620_2015-136



SP_832600_0820620_2015-137



SP_832600_0820620_mosaic-PSRAMUNDLOA

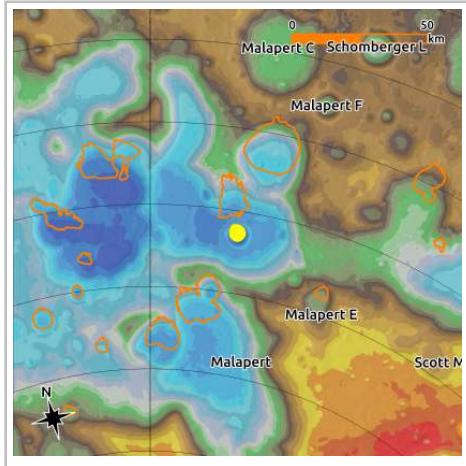
SP_832640_0090770

Lunar Features: Malapert E, Malapert F
Centroid Latitude: -83.264
Centroid Longitude: 9.077
Area (km²): 32.49
Perimeter (km): 27.96
Pixel Scale Range (m): 9-20
Coverage (%): 100

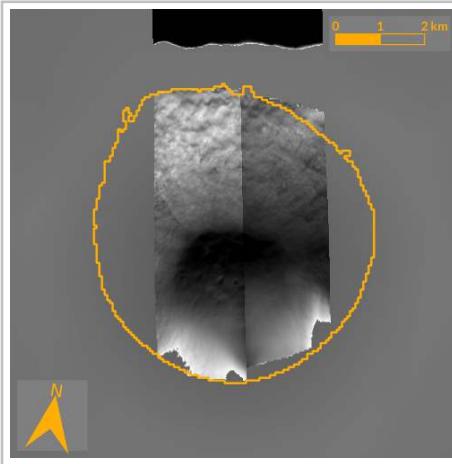
Features of Interest: 2017-219 (M1256718803L): 8.510, -83.230 (S354 L704) - dark and bright reflectance streaks on southern facing and south-eastern facing crater walls

Notes:

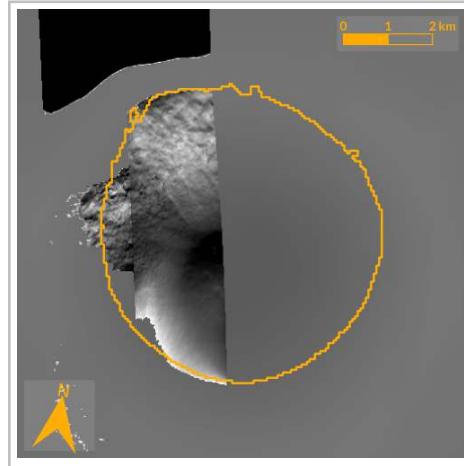
Image Lists: lroc.sese.asu.edu/psr/SP_832640_0090770



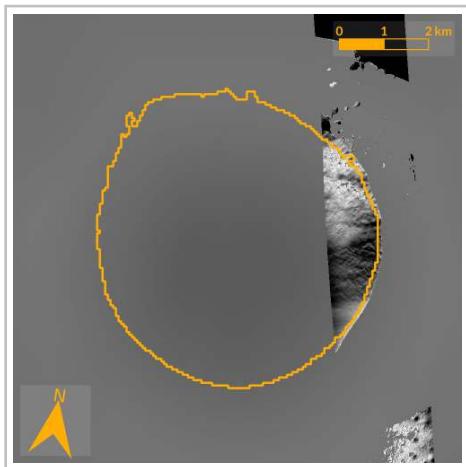
SP_832640_0090770_WAC_Color_Shade_context



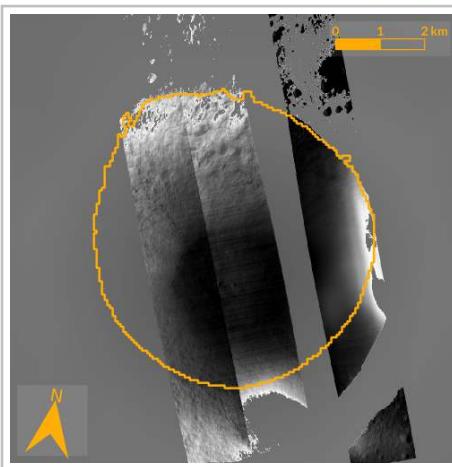
SP_832640_0090770_2012-246



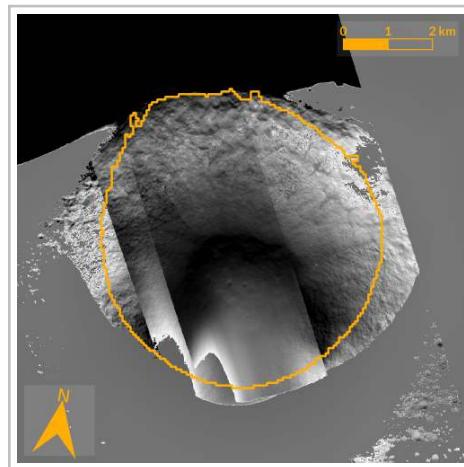
SP_832640_0090770_2012-273



SP_832640_0090770_2013-207



SP_832640_0090770_2015-159

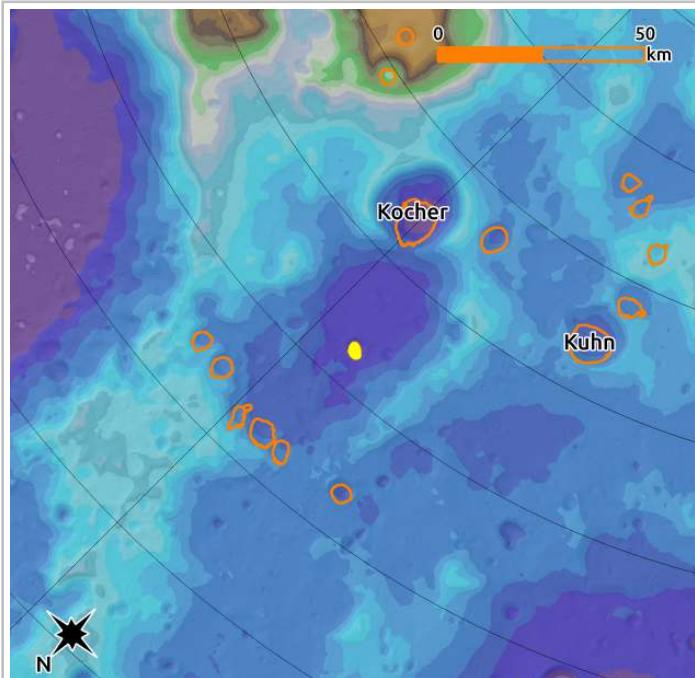


SP_832640_0090770_2017-219

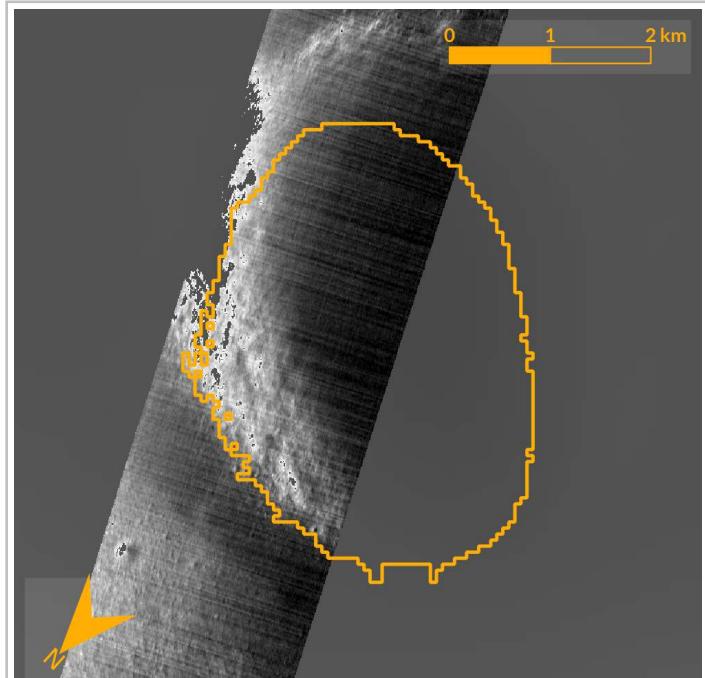
SP_832830_2218380

Lunar Features: Kocher Crater, Khun Crater
Centroid Latitude: -83.283
Centroid Longitude: 221.838
Area (km²): 11.43
Perimeter (km): 19.68
Pixel Scale Range (m): 9-20
Coverage (%): 75

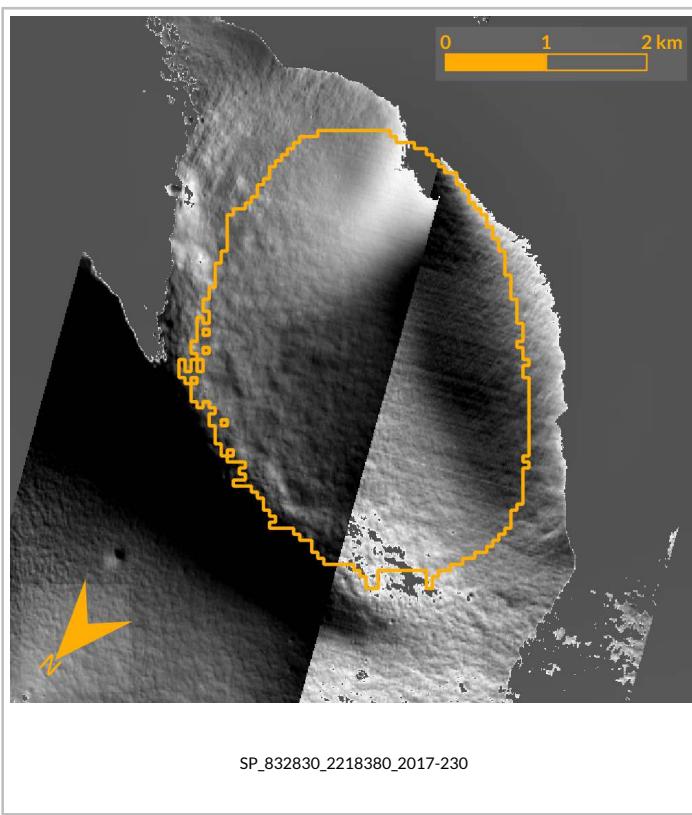
Features of Interest: 2017-230 (M1257668306R): 221.377, -83.237 (S359 L868) - high reflectance on crater floor next to the edge of southward facing crater wall.
2017-230 (M1257668306L): 222.426, -83.269 (S463 L625) - high reflectance on eastern crater rim
Notes: Added new image 2017-08-22
Image Lists: lroc.sese.asu.edu/psr/SP_832830_2218380



SP_832830_2218380_WAC_Color_Shade_context



SP_832830_2218380_2016-296

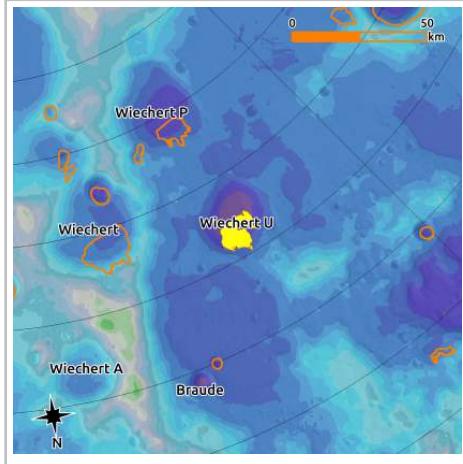


SP_832830_2218380_2017-230

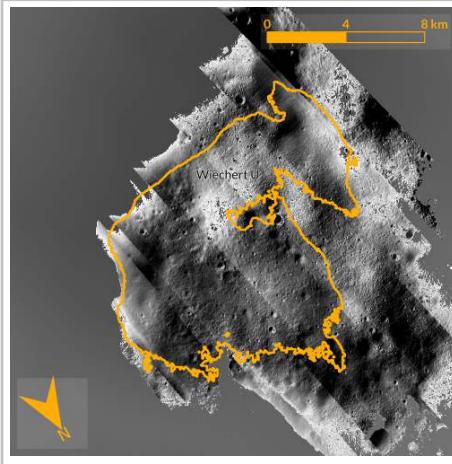
SP_832950_1495450

Lunar Features: Wiechert U,
Centroid Latitude: -83.295
Centroid Longitude: 149.545
Area (km²): 114.44
Perimeter (km): 144.84
Pixel Scale Range (m): 1-20
Coverage (%): 95

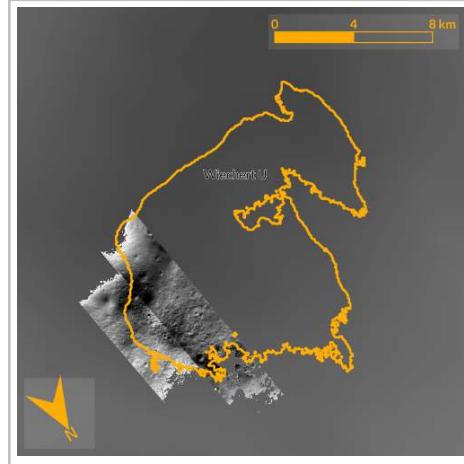
Features of Interest:
Notes: Highly cratered terrain
Image Lists: lroc.sese.asu.edu/psr/SP_832950_1495450



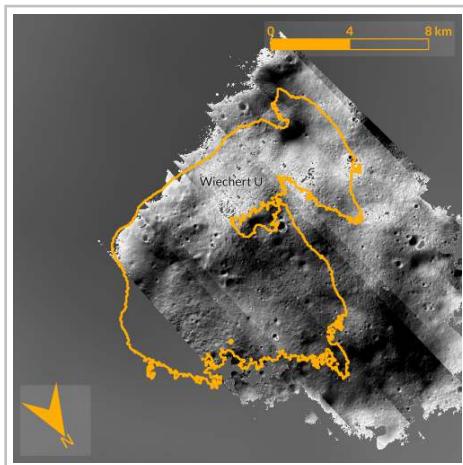
SP_832950_1495450_WAC_Color_Shade_context



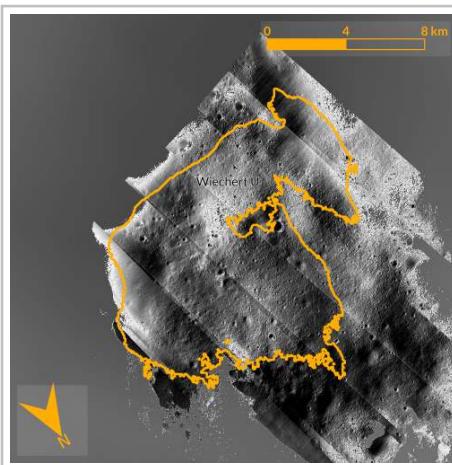
SP_832950_1495450_2012-235



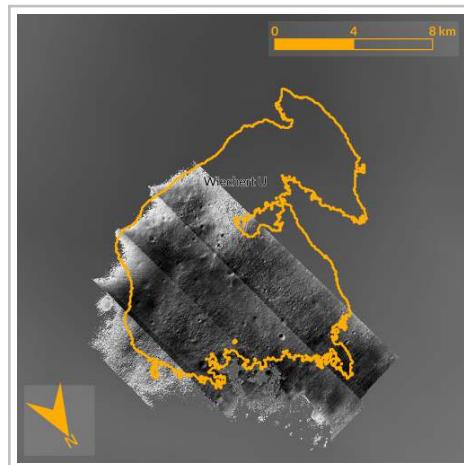
SP_832950_1495450_2012-262



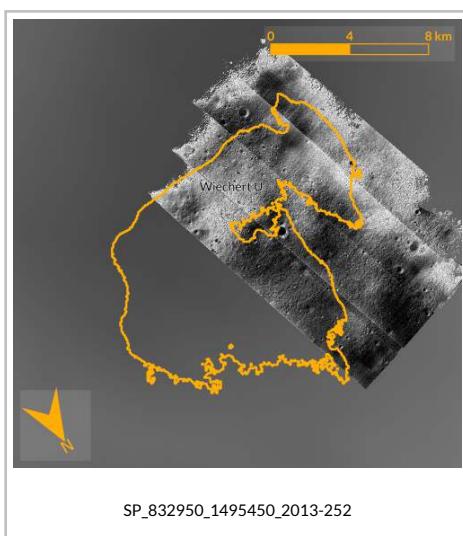
SP_832950_1495450_2012-263



SP_832950_1495450_2013-224



SP_832950_1495450_2013-251



SP_832950_1495450_2013-252

SP_833060_0855030

Lunar Features: Amundsen Crater

Centroid Latitude: -83.306

Centroid Longitude: 85.503

Area (km²): 36.12

Perimeter (km): 61.92

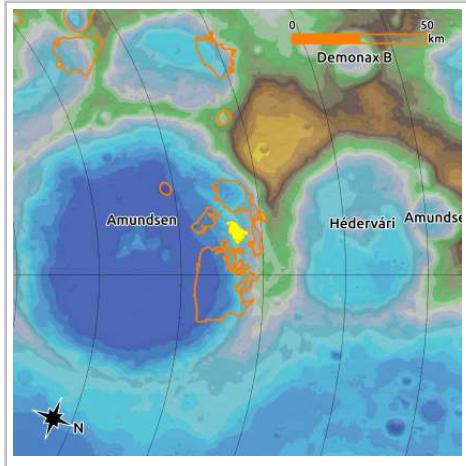
Pixel Scale Range (m): 10-20

Coverage (%): 80

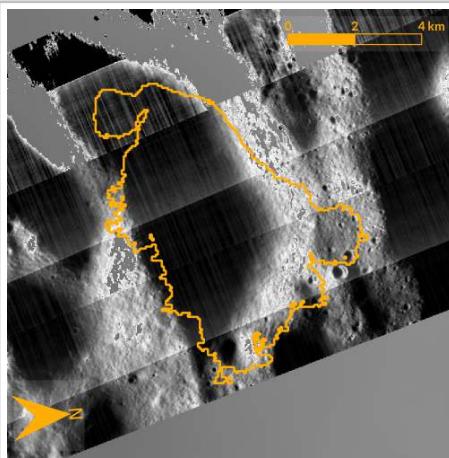
Features of Interest:

Notes: Illuminated southern crater wall

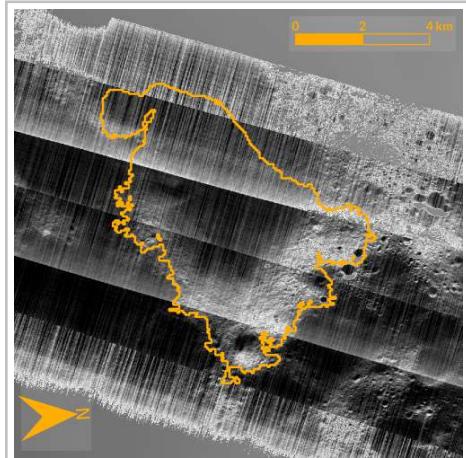
Image Lists: lroc.sese.asu.edu/psr/SP_833060_0855030



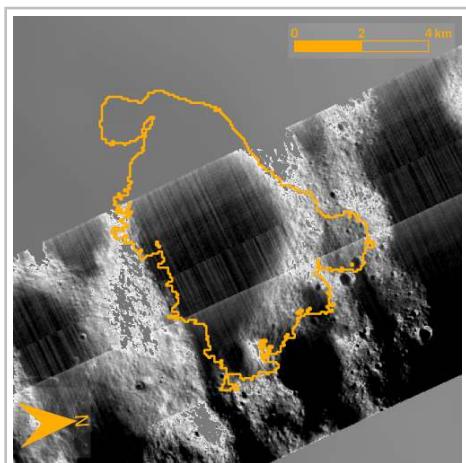
SP_833060_0855030_WAC_Color_Shade_context



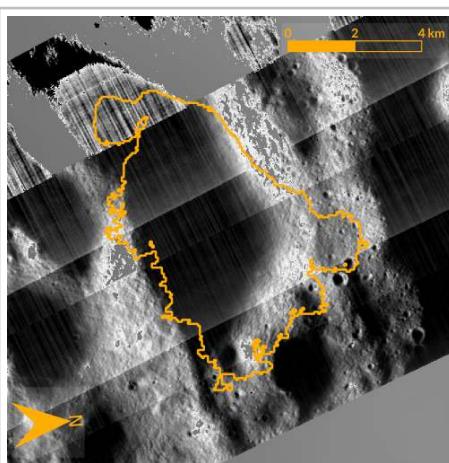
SP_833060_0855030_2012-268



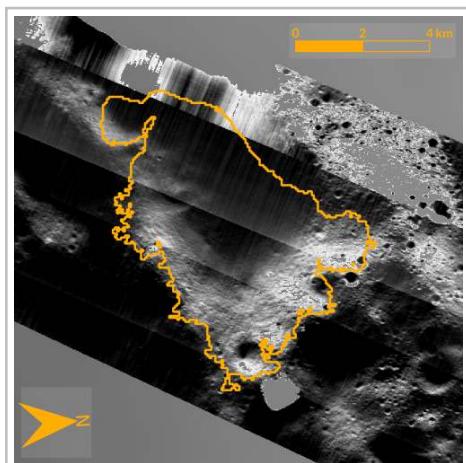
SP_833060_0855030_2013-131



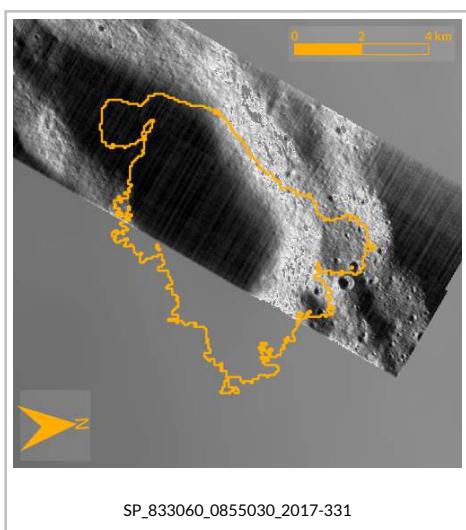
SP_833060_0855030_2013-229



SP_833060_0855030_2013-257



SP_833060_0855030_2015-109

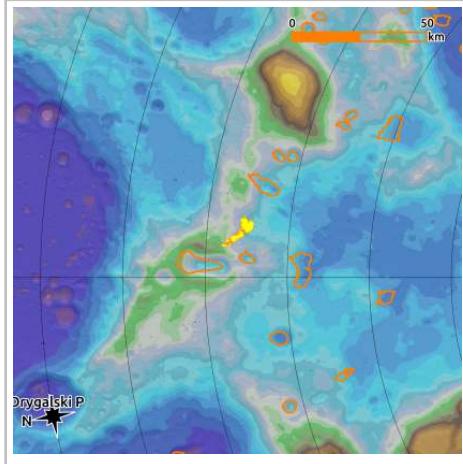


SP_833060_0855030_2017-331

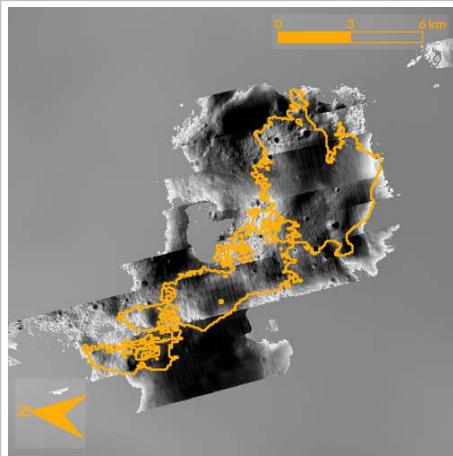
SP_834150_2749360

Lunar Features: Drygalski Crater, Drygalski P Crater
Centroid Latitude: -83.415
Centroid Longitude: 274.936
Area (km²): 37.21
Perimeter (km): 155.88
Pixel Scale Range (m): 7-20
Coverage (%): 90

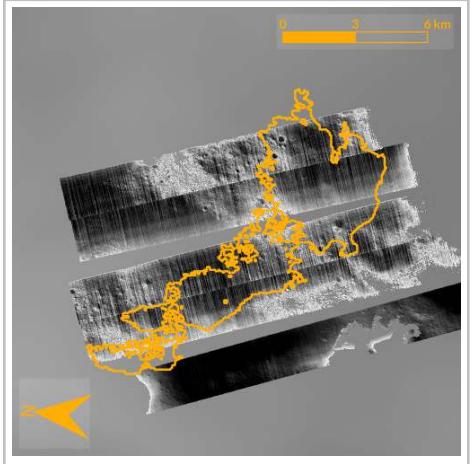
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_834150_2749360



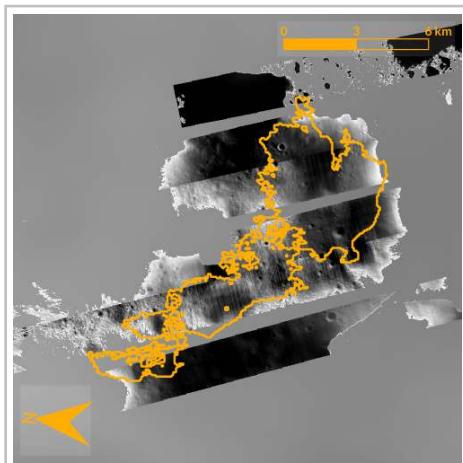
SP_834150_2749360_WAC_Color_Shade_context



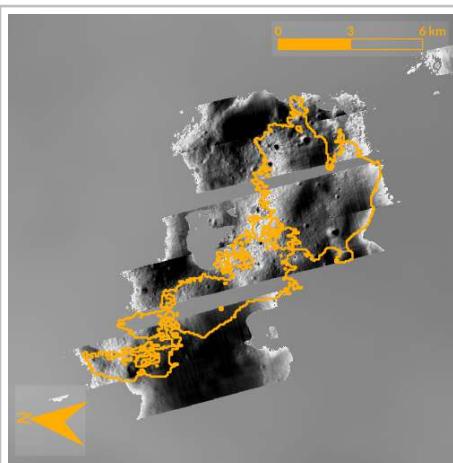
SP_834150_2749360_full



SP_834150_2749360_2012-226



SP_834150_2749360_2012-254

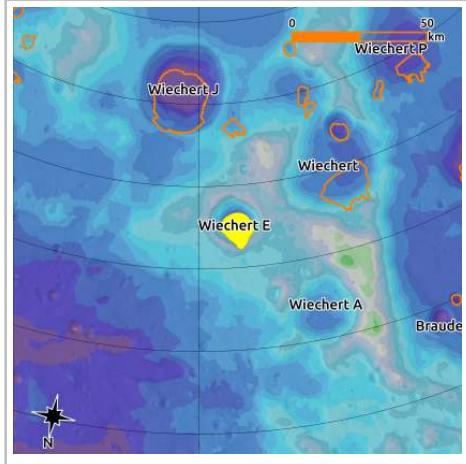


SP_834150_2749360_2012-281

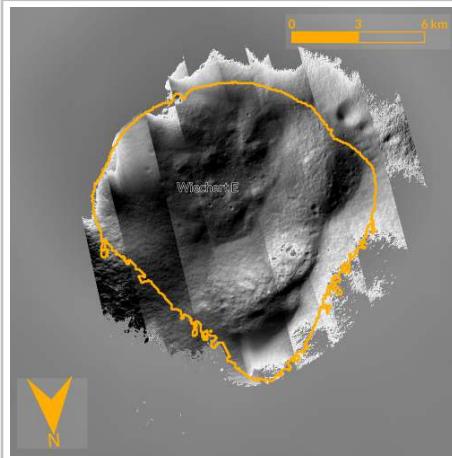
SP_834700_1757740

Lunar Features: Wiechert E
Centroid Latitude: -83.47
Centroid Longitude: 175.774
Area (km²): 113.41
Perimeter (km): 76.08
Pixel Scale Range (m): 5-20
Coverage (%): 95

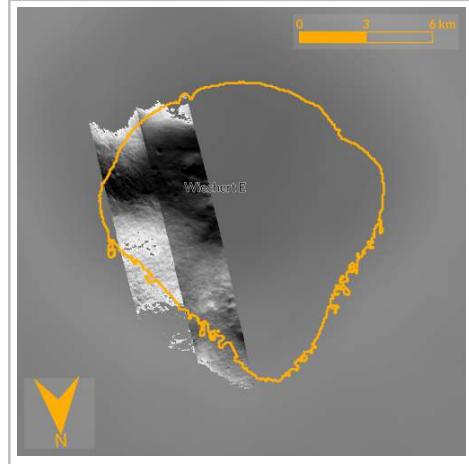
Features of Interest: 2012-233 (M1100125449L): 178.02, -84.900 (S2780 L10213) - crater wall terracing
Notes: Hummocky terrain on crater floor
Image Lists: lroc.sese.asu.edu/psr/SP_834700_1757740



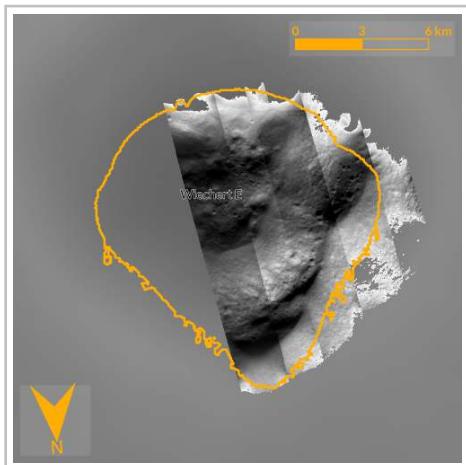
SP_834700_1757740_WAC_Color_Shade_context



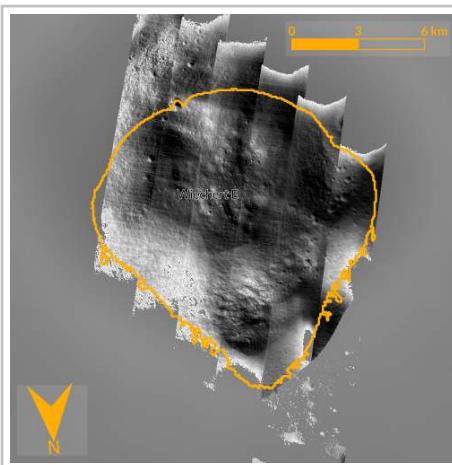
SP_834700_1757740_2012-233



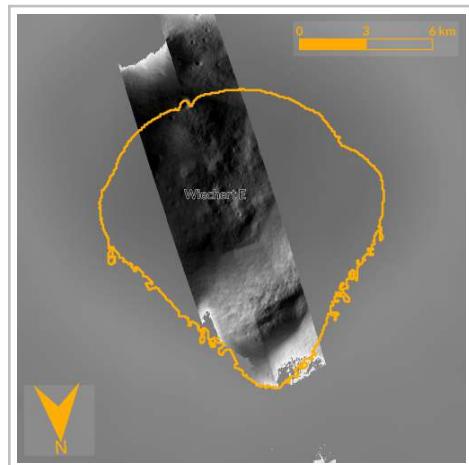
SP_834700_1757740_2012-260



SP_834700_1757740_2012-261



SP_834700_1757740_2013-125



SP_834700_1757740_2013-195

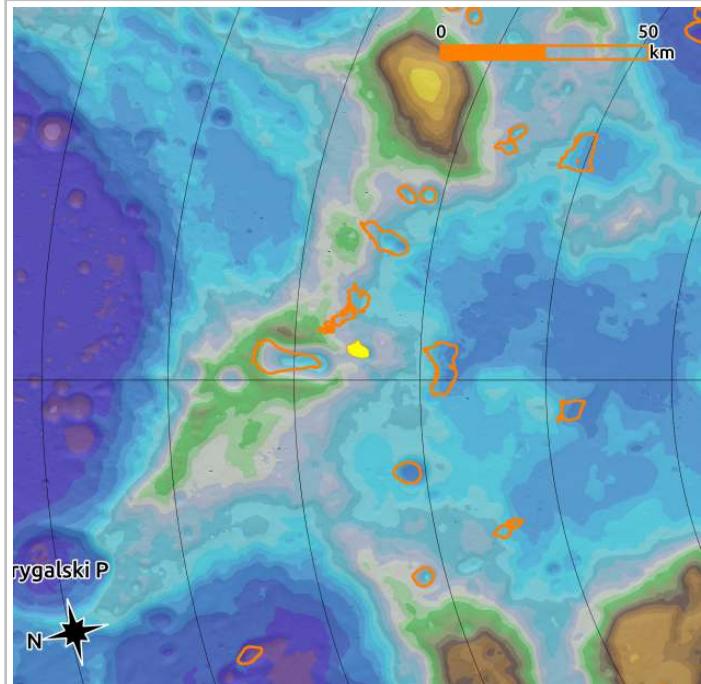
SP_835040_2720960

Lunar Features: Drygalski Crater, Drygalski P Crater
Centroid Latitude: -83.504
Centroid Longitude: 272.096
Area (km²): 14.87
Perimeter (km): 23.04
Pixel Scale Range (m): 9-20
Coverage (%): 90

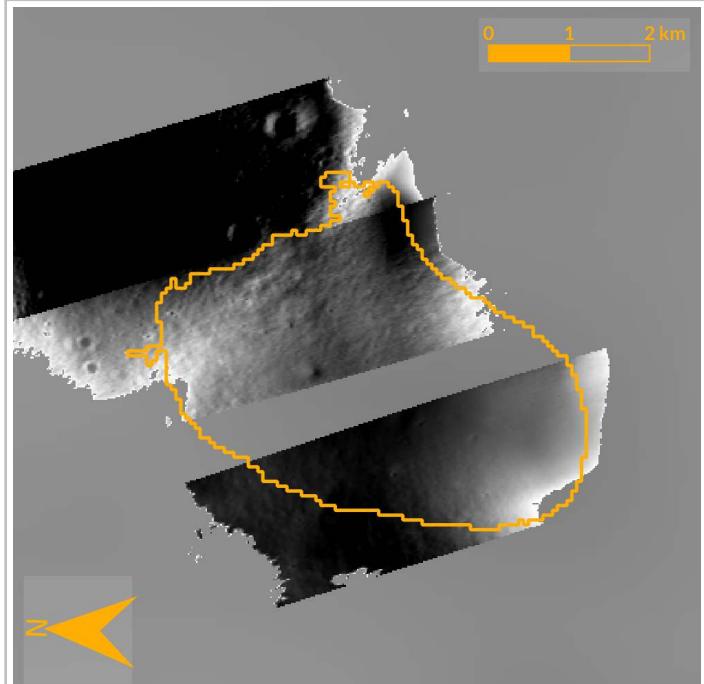
Features of Interest:

Notes:

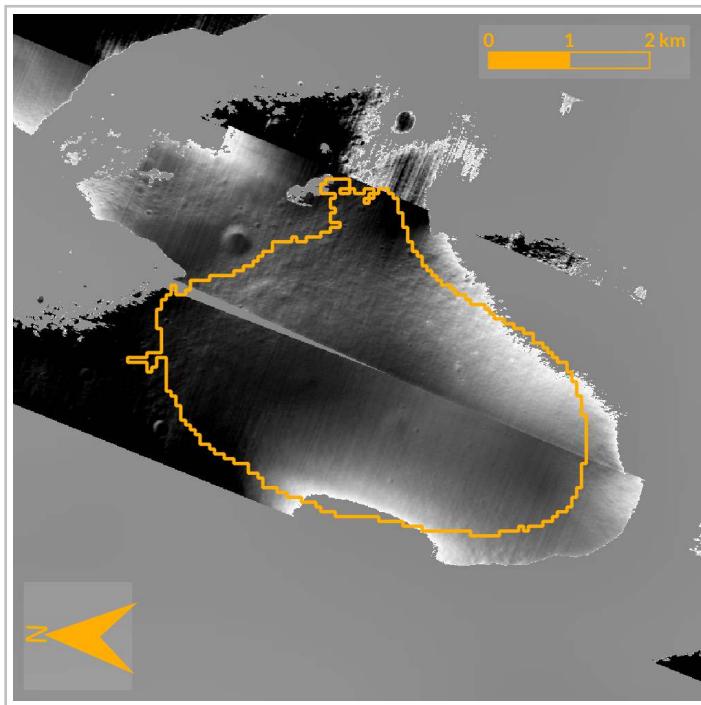
Image Lists: lroc.sese.asu.edu/psr/SP_835040_2720960



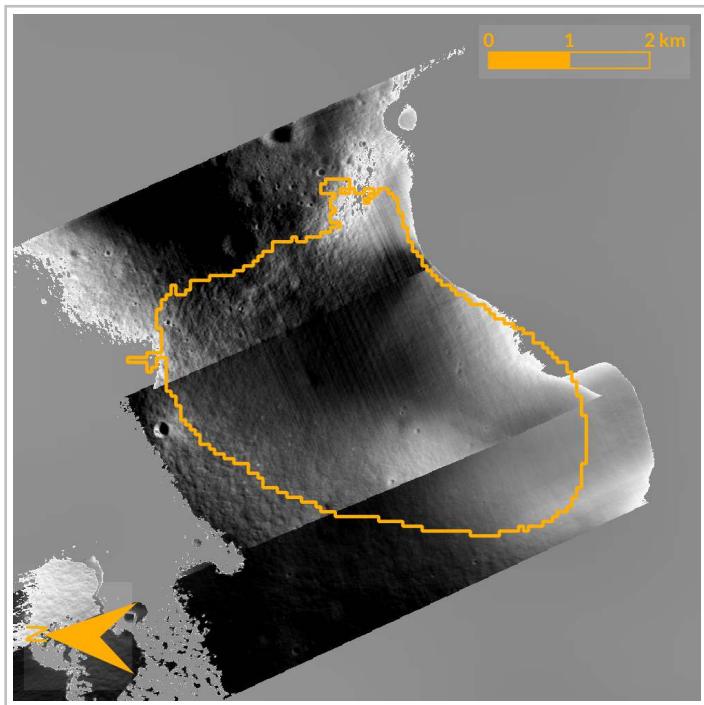
SP_835040_2720960_WAC_Color_Shade_context



SP_835040_2720960_2012-281



SP_835040_2720960_2013-117

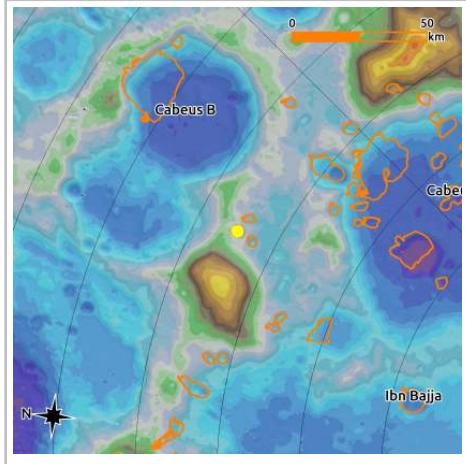


SP_835040_2720960_2014-232

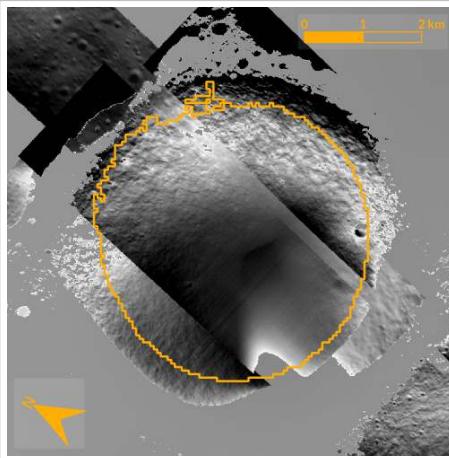
SP_835090_2977670

Lunar Features: Cabeus B , Cabeus Crater
Centroid Latitude: -83.509
Centroid Longitude: 297.767
Area (km²): 17.45
Perimeter (km): 23.64
Pixel Scale Range (m): 8-20
Coverage (%): 80

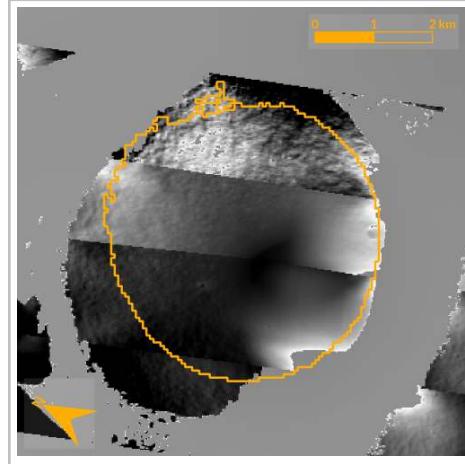
Features of Interest:
Notes: Blurry images
Image Lists: lroc.sese.asu.edu/psr/SP_835090_2977670



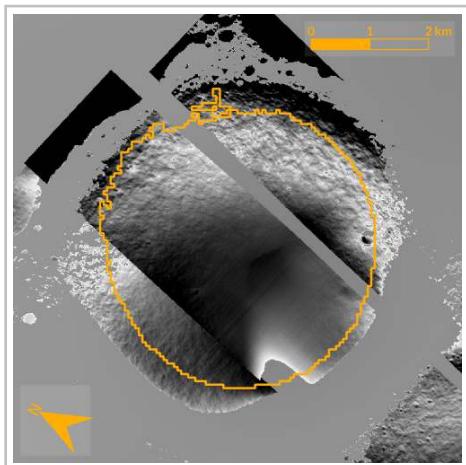
SP_835090_2977670_WAC_Color_Shade_context



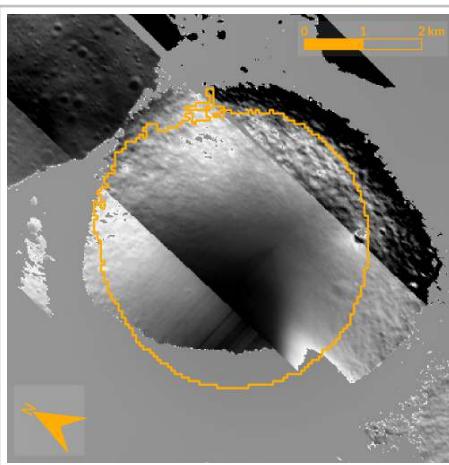
SP_835090_2977670_full



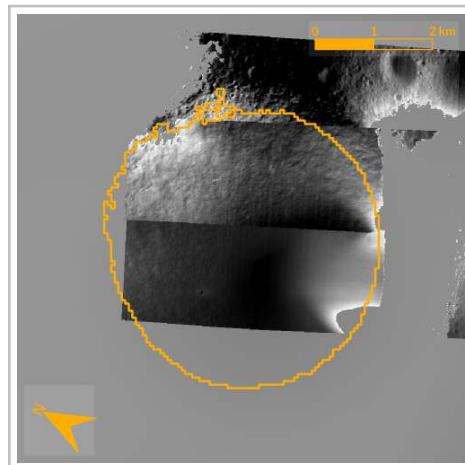
SP_835090_2977670_2012-279



SP_835090_2977670_2013-115



SP_835090_2977670_2013-142

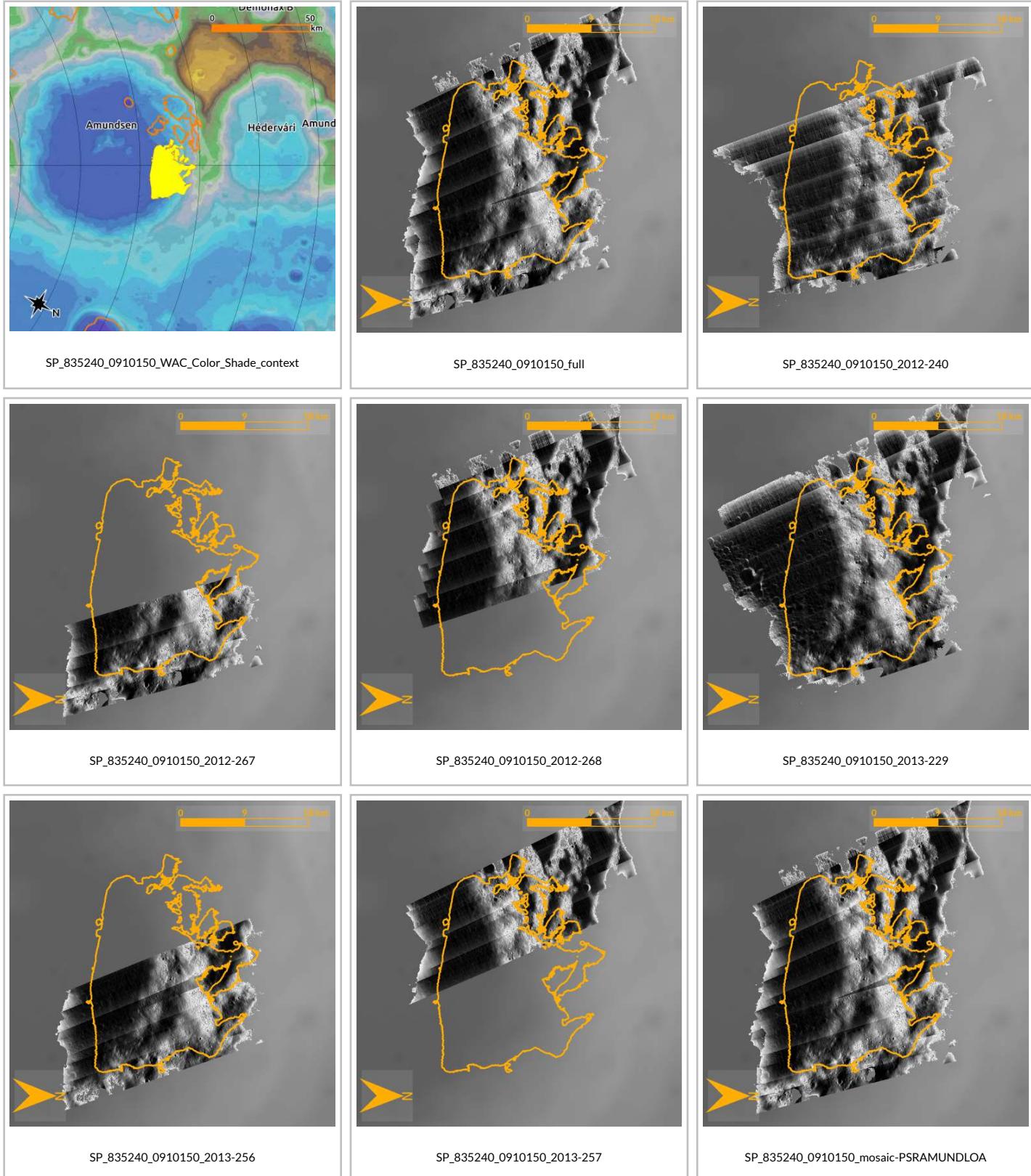


SP_835090_2977670_2013-268

SP_835240_0910150

Lunar Features: Amundsen Crater
Centroid Latitude: -83.524
Centroid Longitude: 91.015
Area (km²): 439.22
Perimeter (km): 413.28
Pixel Scale Range (m): 10-29
Coverage (%): 100

Features of Interest: 2013-256 (M1133728446R): 93.134, -83.258 (S1579 L150) - crater wall terracing and crater with high reflectance
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_835240_0910150



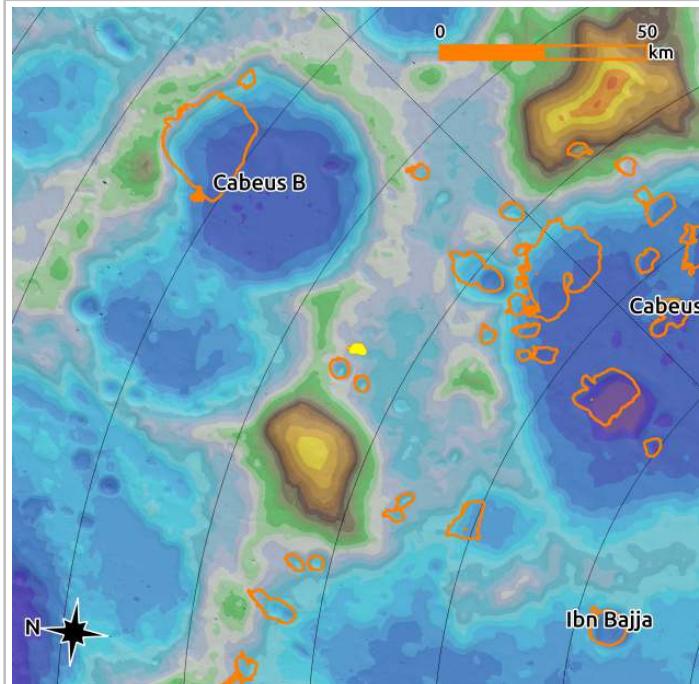
SP_835620_2995530

Lunar Features: Cabeus B , Cabeus Crater
Centroid Latitude: -83.562
Centroid Longitude: 299.553
Area (km²): 10.10
Perimeter (km): 24.96
Pixel Scale Range (m): 8-20
Coverage (%): 100

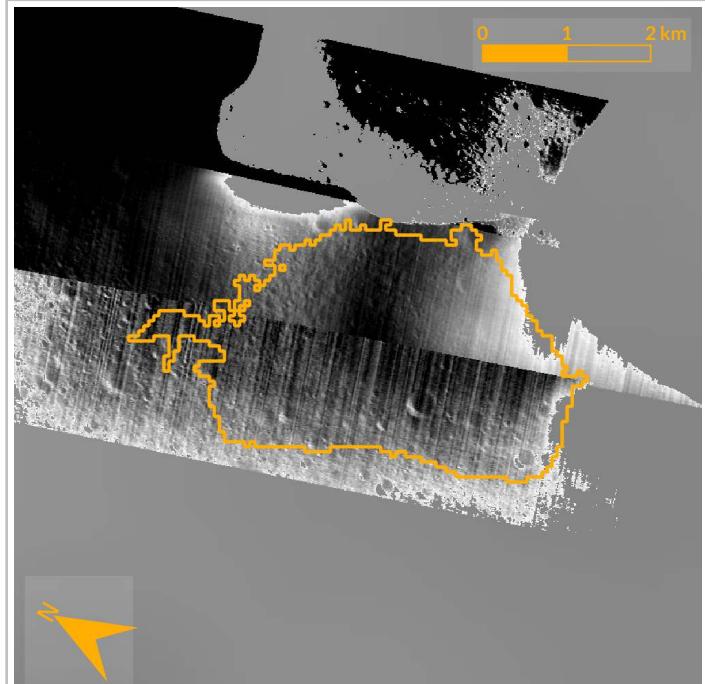
Features of Interest:

Notes:

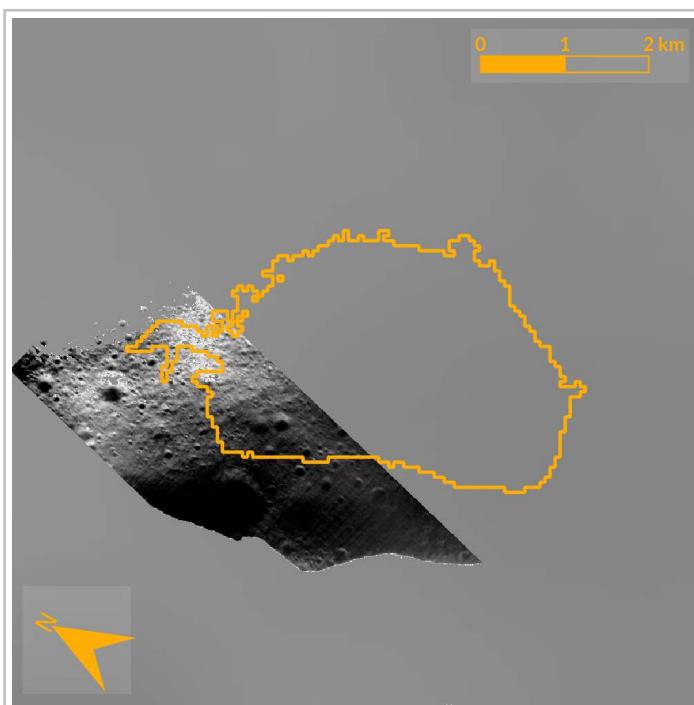
Image Lists: lroc.sese.asu.edu/psr/SP_835620_2995530



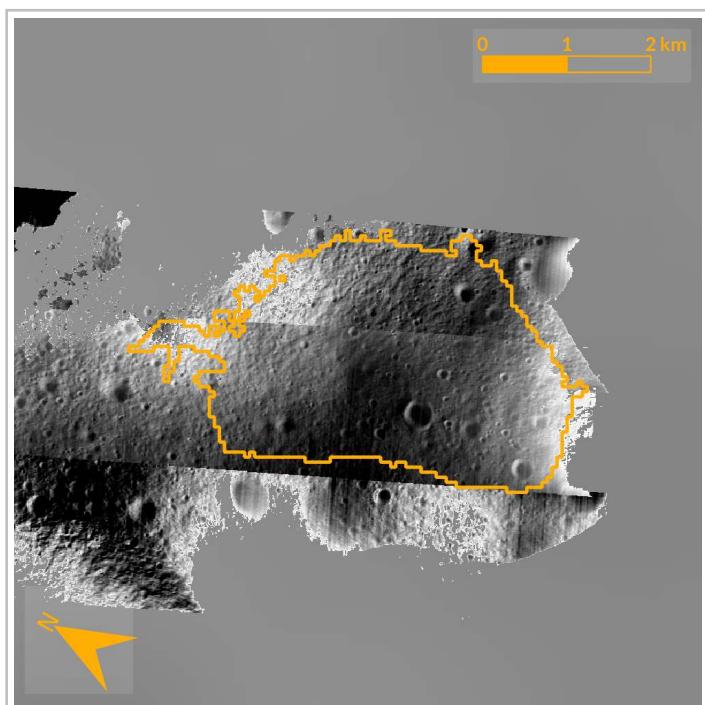
SP_835620_2995530_WAC_Color_Shade_context



SP_835620_2995530_2012-224



SP_835620_2995530_2013-115

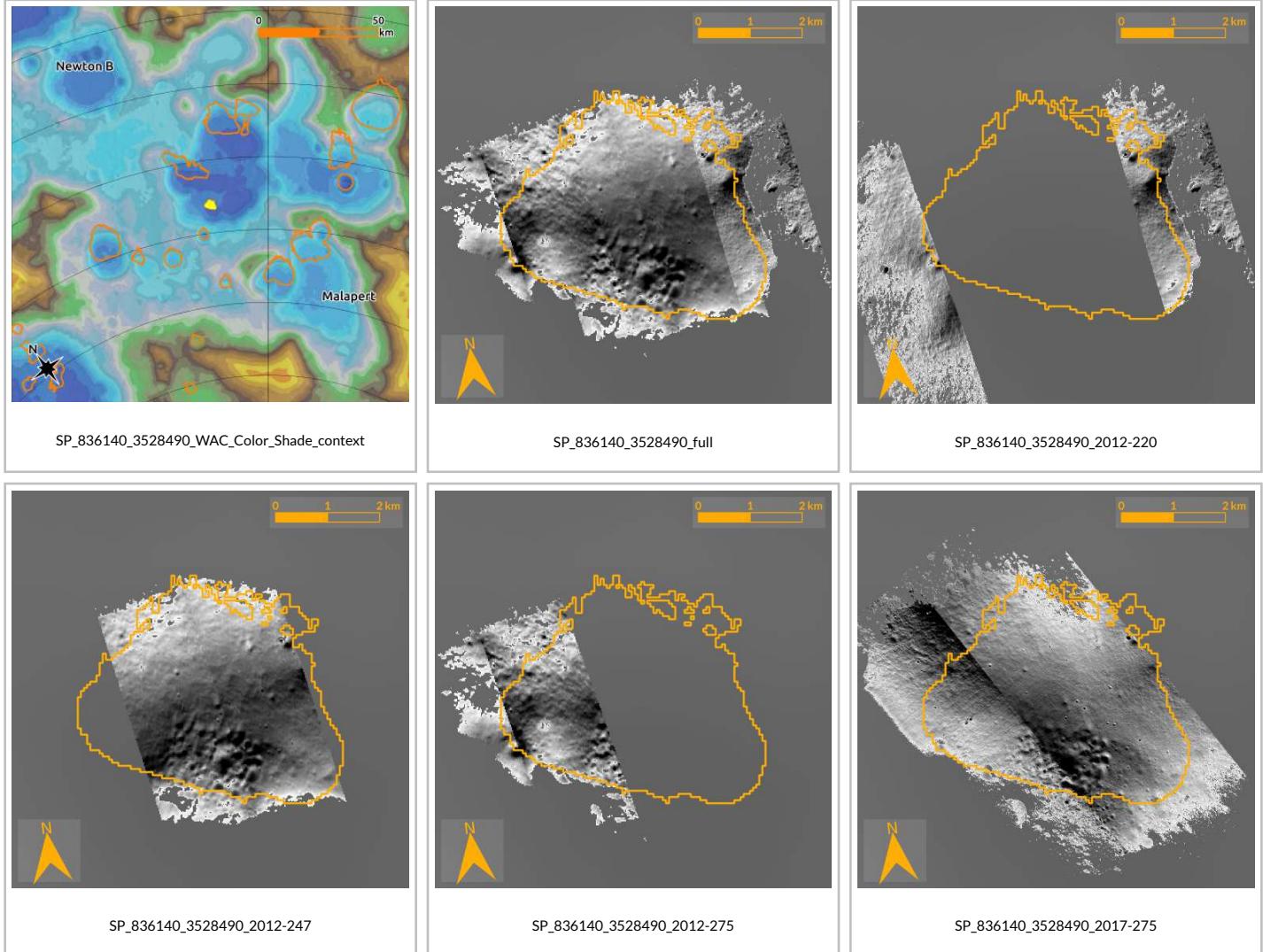


SP_835620_2995530_2013-268

SP_836140_3528490

Lunar Features: Malapert Crater
Centroid Latitude: -83.614
Centroid Longitude: 352.849
Area (km²): 15.11
Perimeter (km): 31.08
Pixel Scale Range (m): 10-20
Coverage (%): 100

Features of Interest: 2012-247 (M1101325671L): 352.773, -83.644 (S628 L1772) - Interesting craters or hummocky terrain on crater floor
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_836140_3528490



SP_836320_2801250

Lunar Features: Drygalski Crater, Ibn Baja

Centroid Latitude: -83.632

Centroid Longitude: 280.125

Area (km²): 42.99

Perimeter (km): 58.44

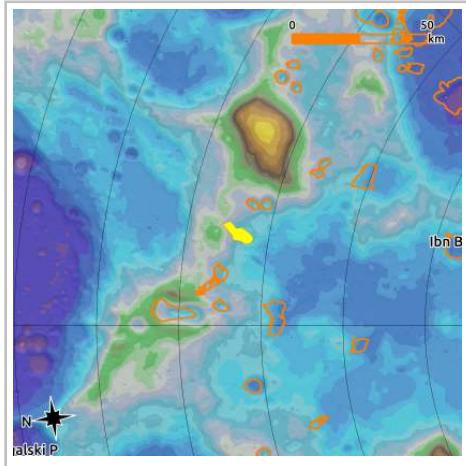
Pixel Scale Range (m): 9-20

Coverage (%): 100

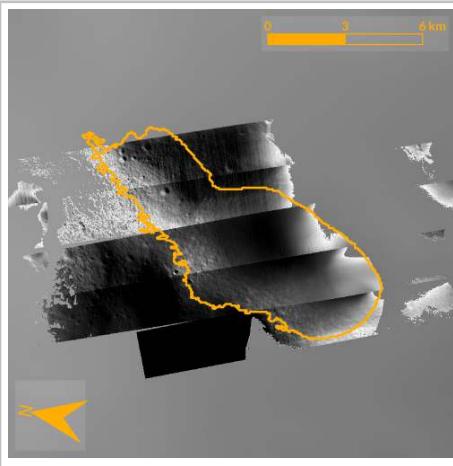
Features of Interest:

Notes: Varying albedo in crater wall

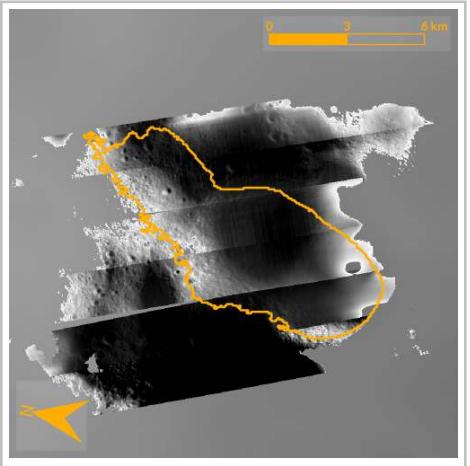
Image Lists: lroc.sese.asu.edu/psr/SP_836320_2801250



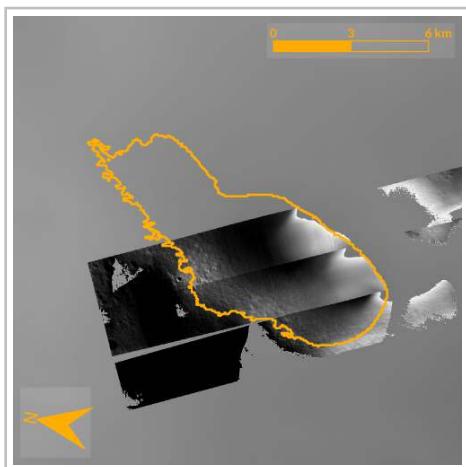
SP_836320_2801250_WAC_Color_Shade_context



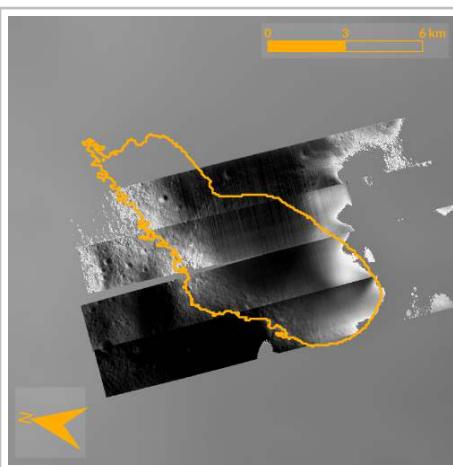
SP_836320_2801250_2012-226



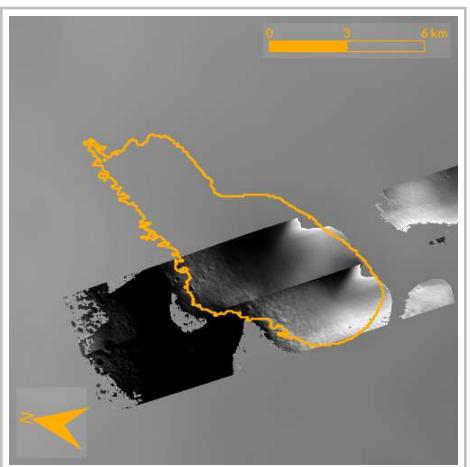
SP_836320_2801250_2012-253



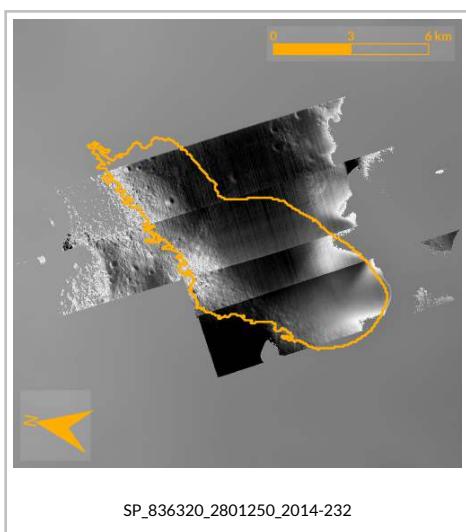
SP_836320_2801250_2013-215



SP_836320_2801250_2013-242



SP_836320_2801250_2014-205



SP_836320_2801250_2014-232

SP_836660_0840100

Lunar Features: Amundsen Crater

Centroid Latitude: -83.666

Centroid Longitude: 84.01

Area (km²): 45.52

Perimeter (km): 84.0

Pixel Scale Range (m): 10-20

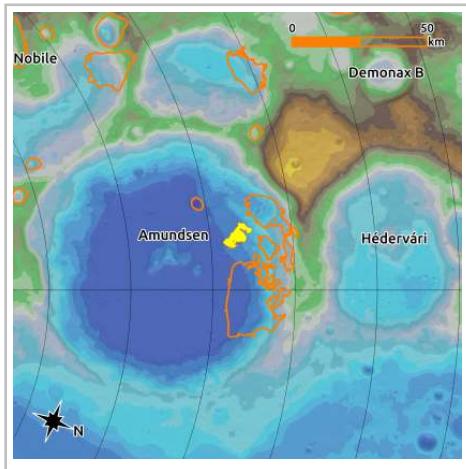
Coverage (%): 100

Features of Interest: 2015-109 (M1184083906R): 83.790, -83.680 (S781

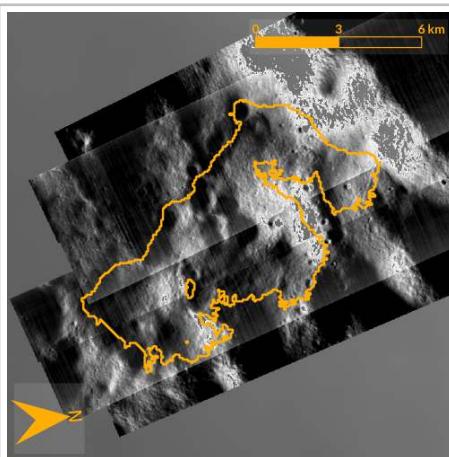
L632) - interesting cluster of craters

Notes: Terrace of crater wall

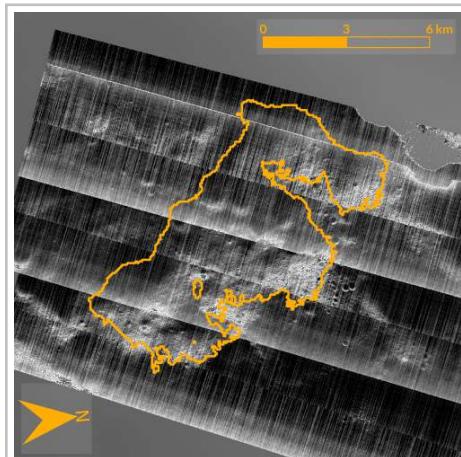
Image Lists: lroc.sese.asu.edu/psr/SP_836660_0840100



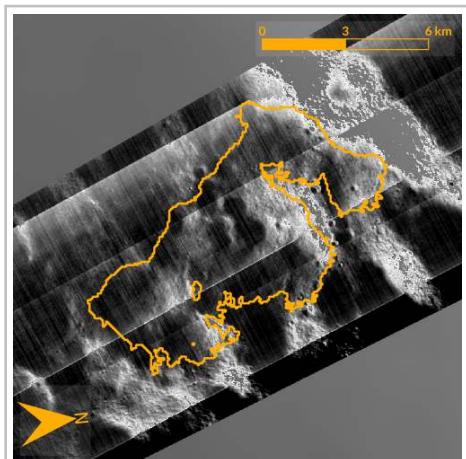
SP_836660_0840100_WAC_Color_Shade_context



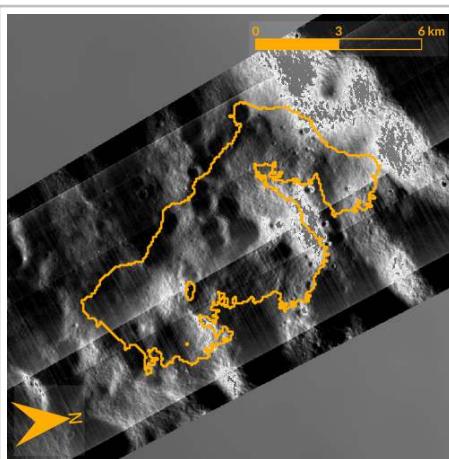
SP_836660_0840100_2012-268



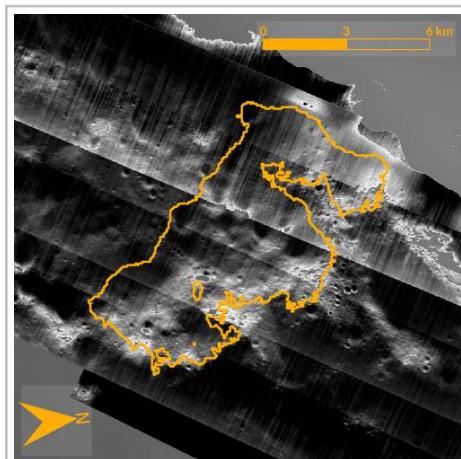
SP_836660_0840100_2013-131



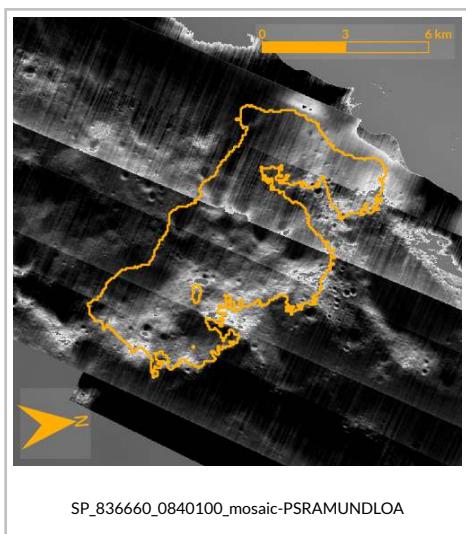
SP_836660_0840100_2013-230



SP_836660_0840100_2013-257



SP_836660_0840100_2015-109

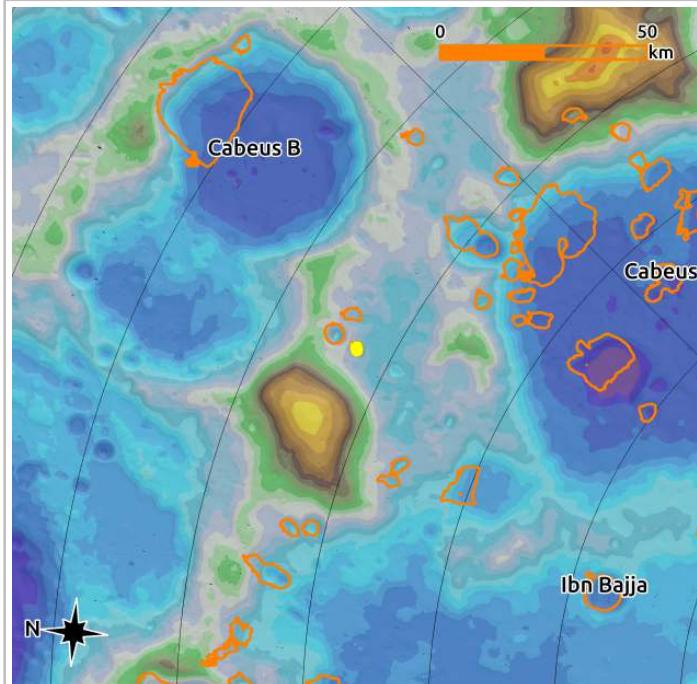


SP_836660_0840100_mosaic-PSRAMUNDLOA

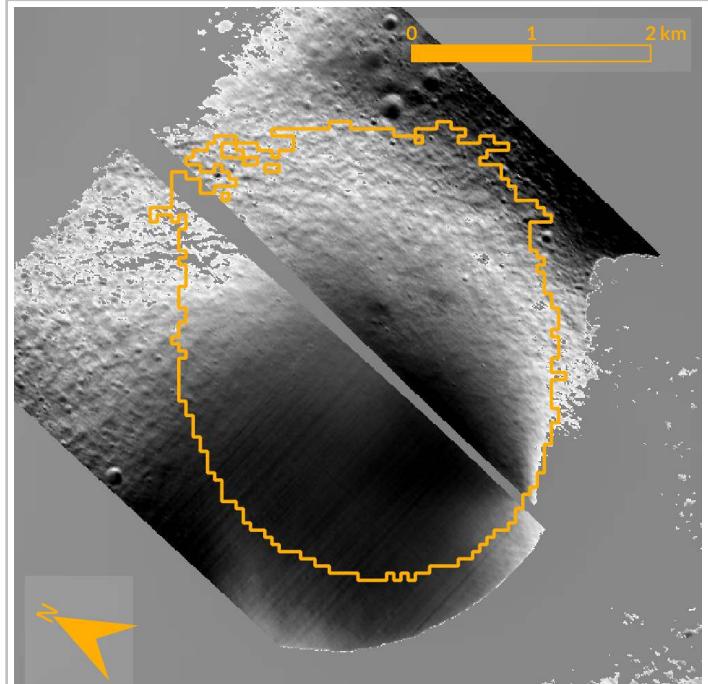
SP_837200_2975300

Lunar Features: Cabeus B, Cabeus Crater
Centroid Latitude: -83.72
Centroid Longitude: 297.53
Area (km²): 10.05
Perimeter (km): 21.48
Pixel Scale Range (m): 10-20
Coverage (%): 90

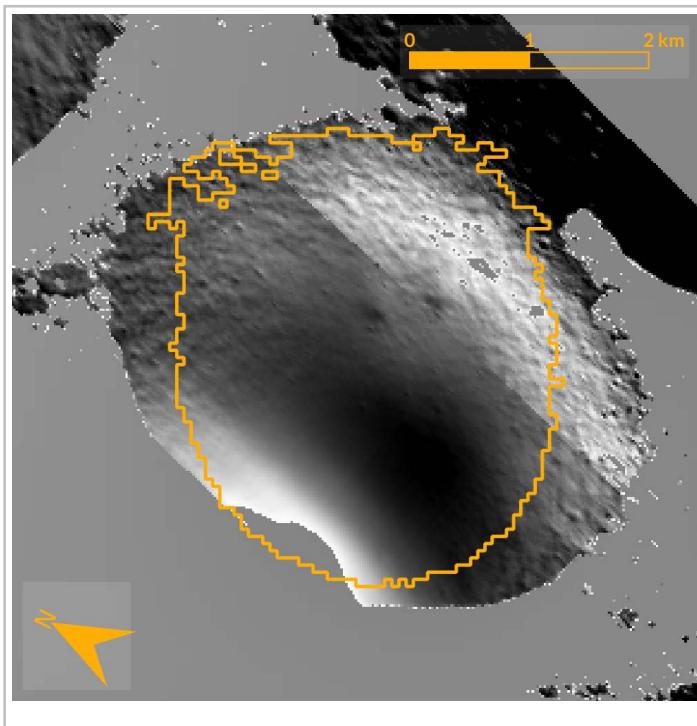
Features of Interest: 2013-115 (M1121541446R): 297.861, -83.738 (S789 L753) - crater with high reflectance
Notes: Blurry images
Image Lists: lroc.sese.asu.edu/psr/SP_837200_2975300



SP_837200_2975300_WAC_Color_Shade_context



SP_837200_2975300_2013-115

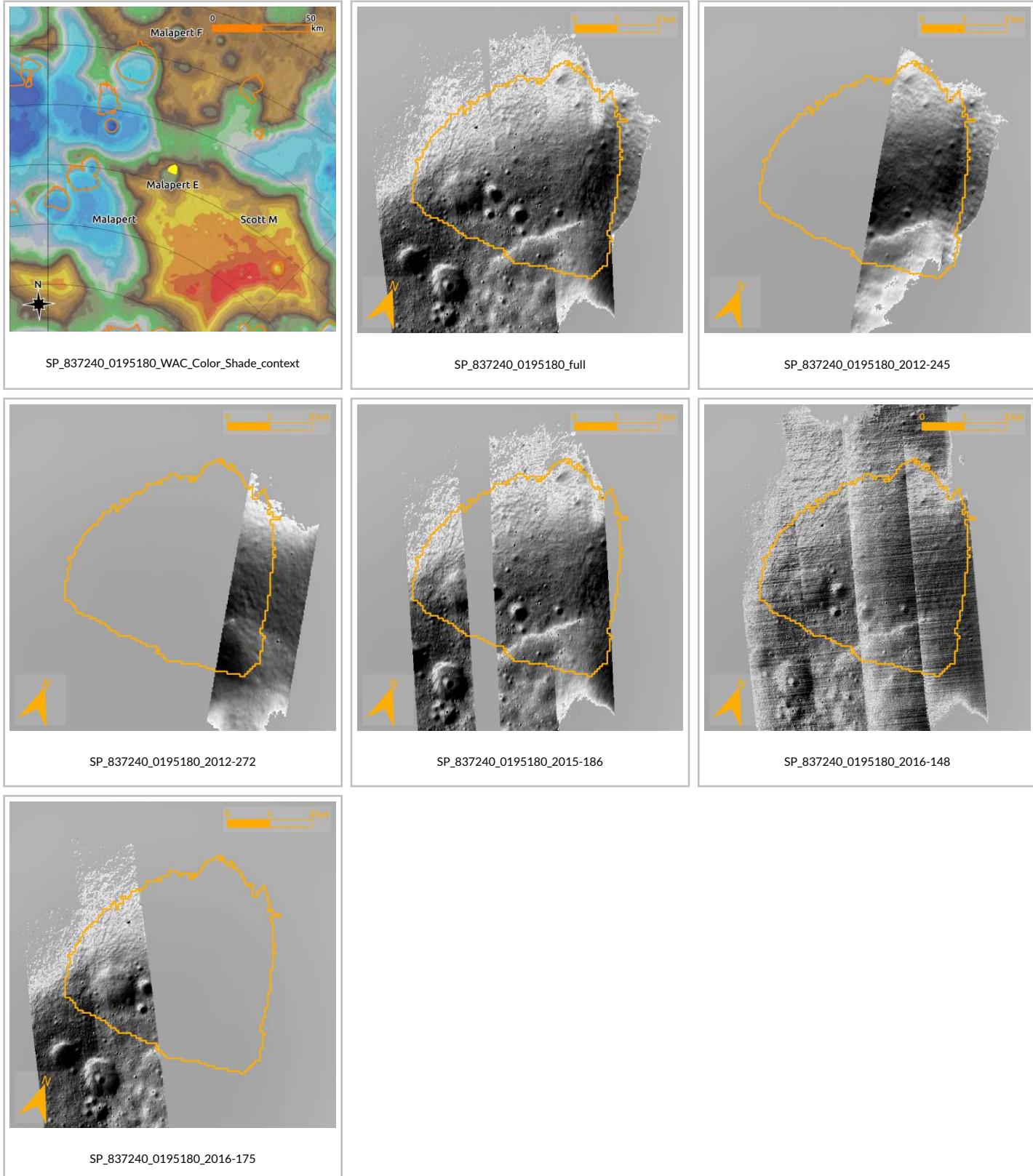


SP_837200_2975300_2013-142

SP_837240_0195180

Lunar Features: Malapert E,
Centroid Latitude: -83.724
Centroid Longitude: 19.518
Area (km²): 17.65
Perimeter (km): 24.36
Pixel Scale Range (m): 5-20
Coverage (%): 90

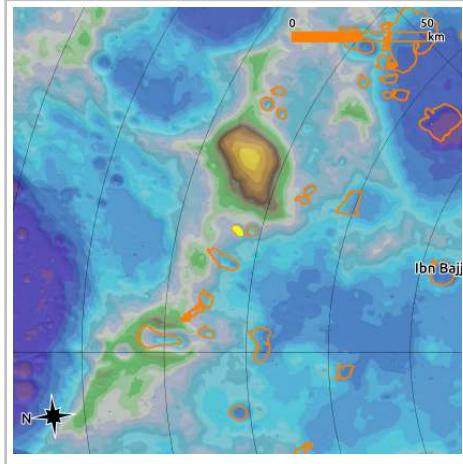
Features of Interest: 2012-245 (M1101147105L): 19.794, -83.765 (S687 L2379) - high reflectance slope
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_837240_0195180



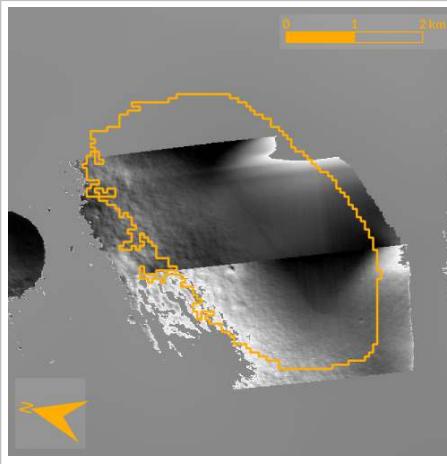
SP_837240_2836250

Lunar Features: Drygalski Crater Ibn Bajja Crater,
Centroid Latitude: -83.724
Centroid Longitude: 283.625
Area (km²): 11.04
Perimeter (km): 23.16
Pixel Scale Range (m): 7-20
Coverage (%): 100

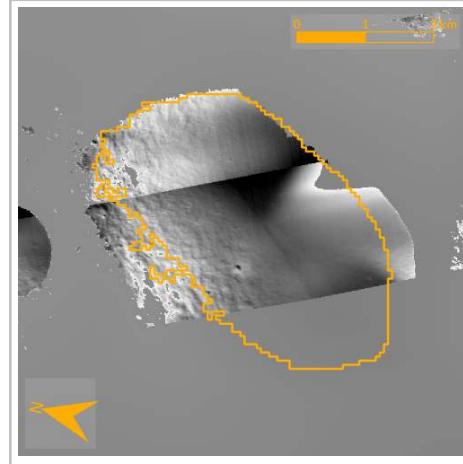
Features of Interest: 2016-156 (M1219682643R): 283.477, -83.761 (S2453 L582) - dark crater floor & 283.429, -83.725 (S2343 L572) - brightly illuminated crater
Notes:
[Image Lists: lroc.sese.asu.edu/psr/SP_837240_2836250](http://lroc.sese.asu.edu/psr/SP_837240_2836250)



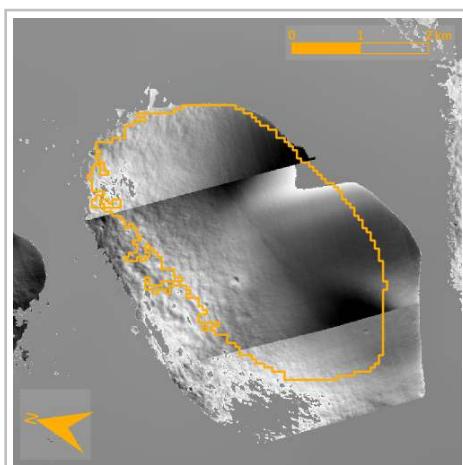
SP_837240_2836250_WAC_Color_Shade_context



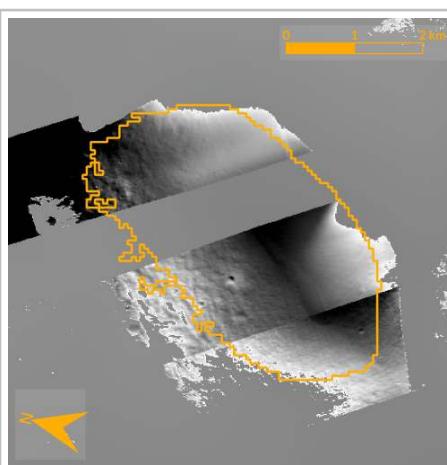
SP_837240_2836250_2012-226



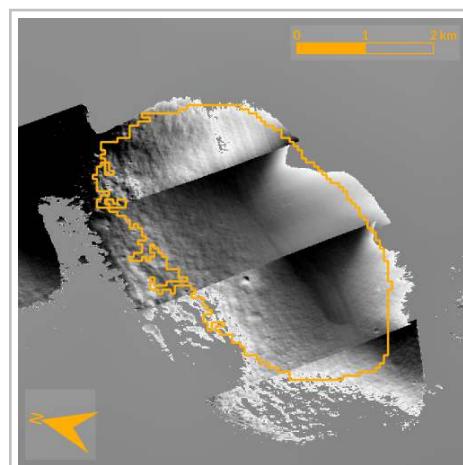
SP_837240_2836250_2013-215



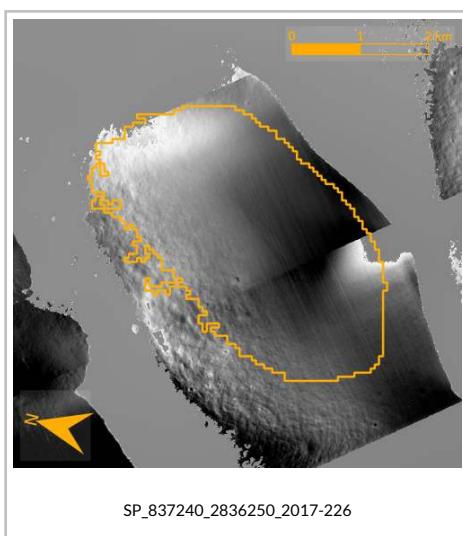
SP_837240_2836250_2014-232



SP_837240_2836250_2015-167



SP_837240_2836250_2016-156

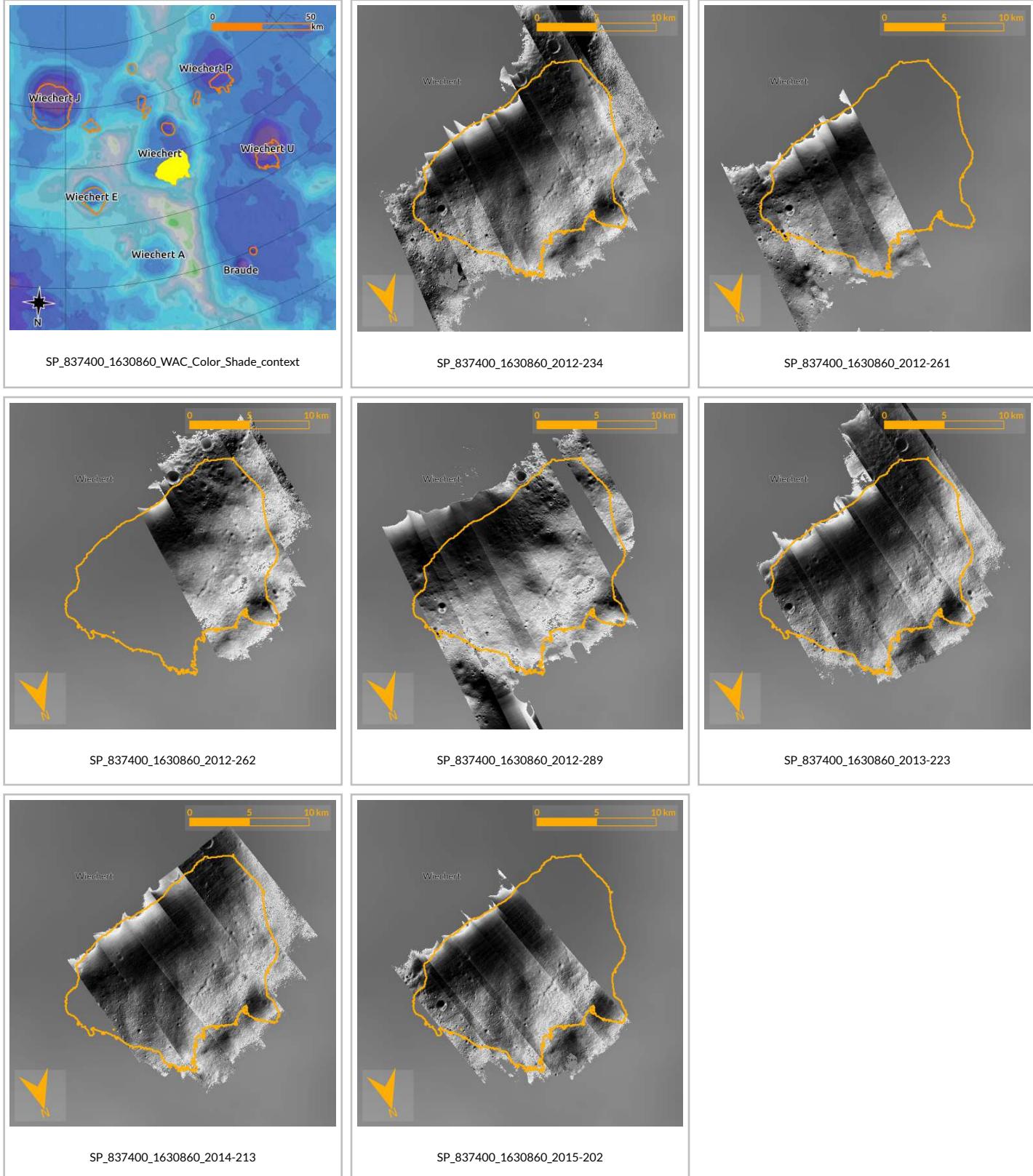


SP_837240_2836250_2017-226

SP_837400_1630860

Lunar Features: Wiechert Crater
Centroid Latitude: -83.74
Centroid Longitude: 163.086
Area (km²): 194.70
Perimeter (km): 104.4
Pixel Scale Range (m): 5-20
Coverage (%): 100

Features of Interest: 2012-234 (M1100204031L): 162.830, -83.651 (S6438 L12586) - wrinkle ridge & 2012-234 (M1100211144L): 161.645, -83.653 (S4353 L7957) - crater with high reflectance
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_837400_1630860



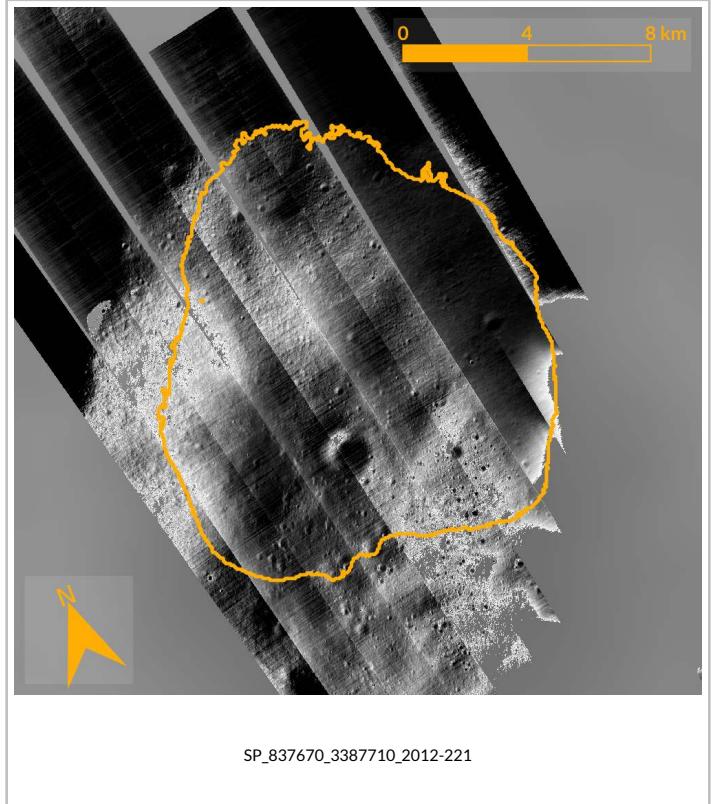
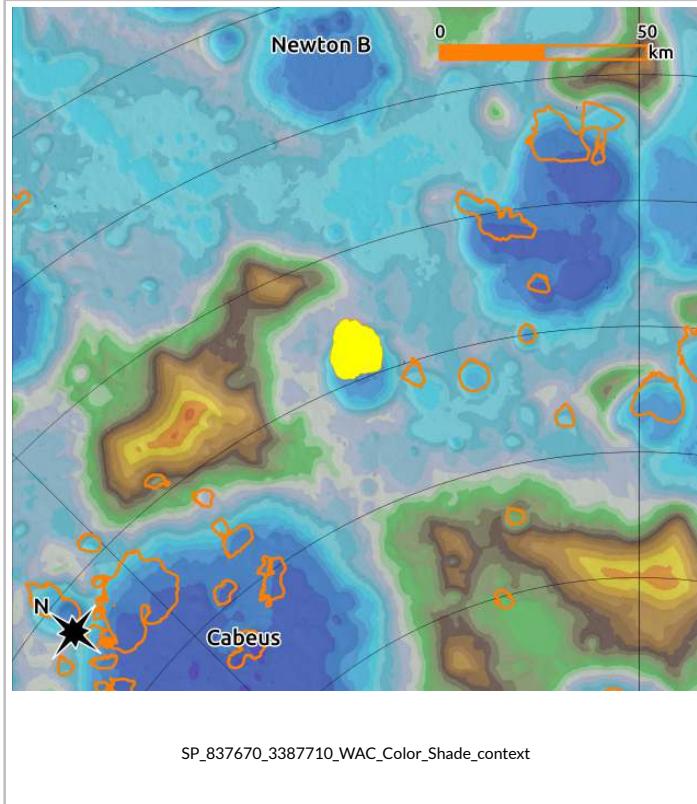
SP_837670_3387710

Lunar Features: Newton B , Cabeus Crater
Centroid Latitude: -83.767
Centroid Longitude: 338.771
Area (km²): 142.95
Perimeter (km): 76.44
Pixel Scale Range (m): 10-10
Coverage (%): 95

Features of Interest:

Notes:

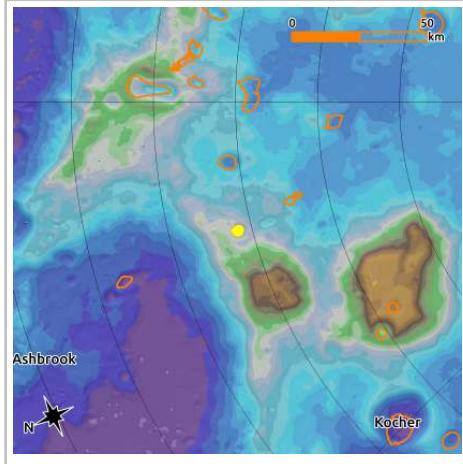
Image Lists: lroc.sese.asu.edu/psr/SP_837670_3387710



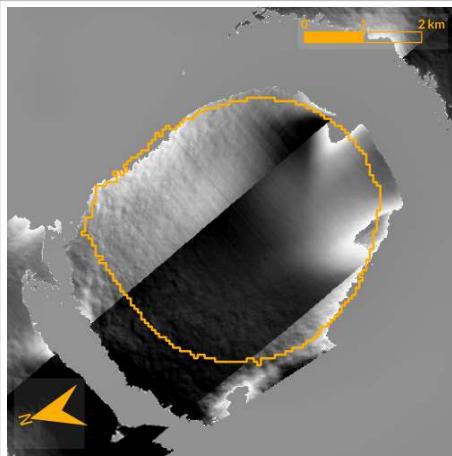
SP_838270_2552930

Lunar Features: Ashbrook Crater
Centroid Latitude: -83.827
Centroid Longitude: 255.293
Area (km²): 16.55
Perimeter (km): 20.4
Pixel Scale Range (m): 10-20
Coverage (%): 70

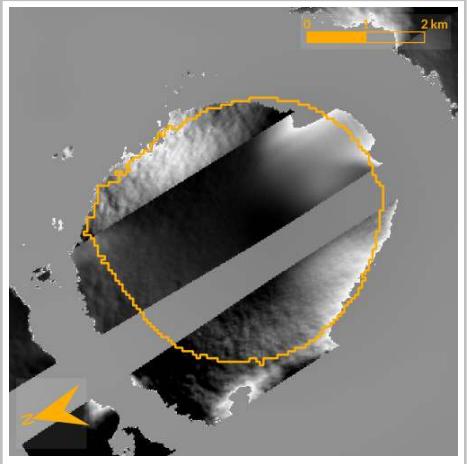
Features of Interest:
Notes: Blurry images
Image Lists: lroc.sese.asu.edu/psr/SP_838270_2552930



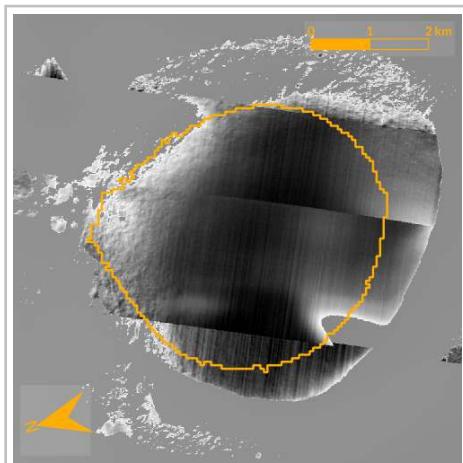
SP_838270_2552930_WAC_Color_Shade_context



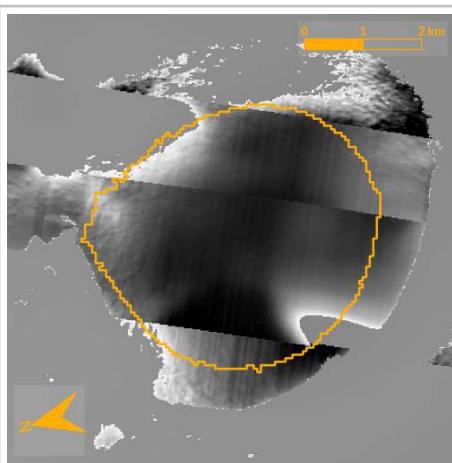
SP_838270_2552930_full



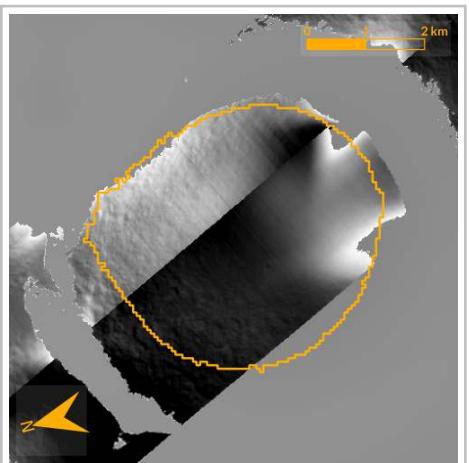
SP_838270_2552930_2012-255



SP_838270_2552930_2013-118



SP_838270_2552930_2013-145



SP_838270_2552930_2014-234

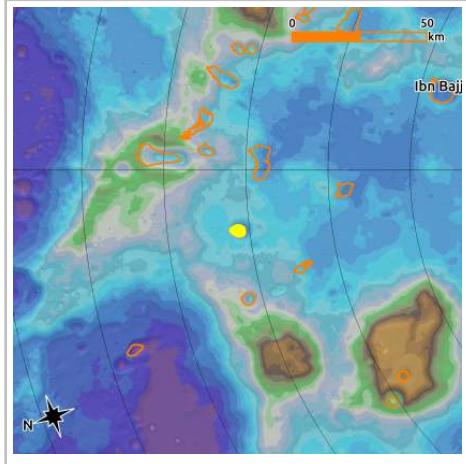
SP_838590_2630960

Lunar Features: Ash brook Crater Ibn Bajja Crater
Centroid Latitude: -83.859
Centroid Longitude: 263.096
Area (km²): 25.36
Perimeter (km): 25.92
Pixel Scale Range (m): 10-20
Coverage (%): 75

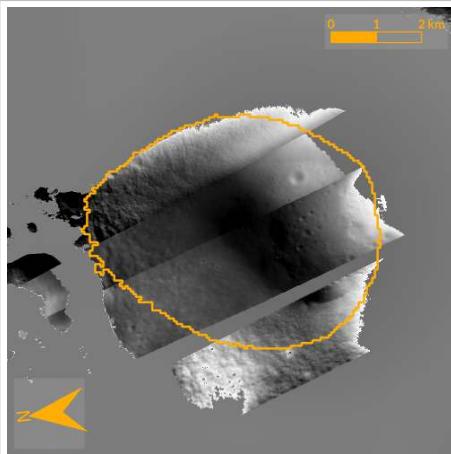
Features of Interest:

Notes:

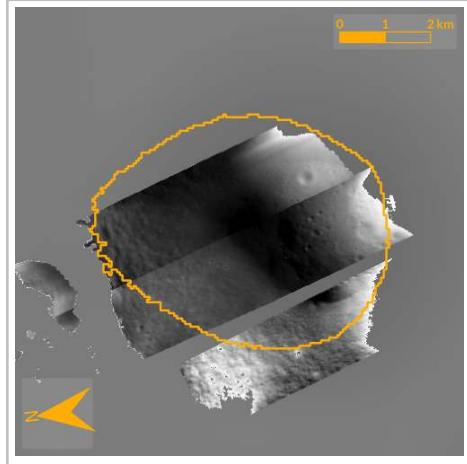
Image Lists: lroc.sese.asu.edu/psr/SP_838590_2630960



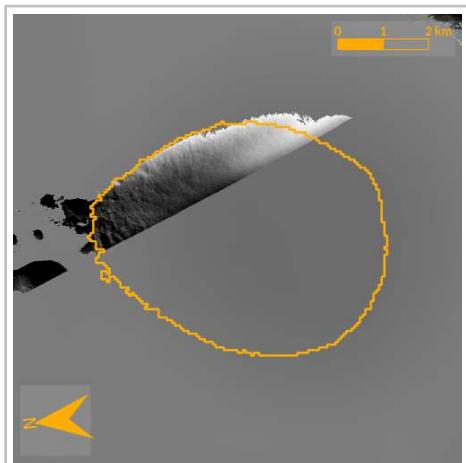
SP_838590_2630960_WAC_Color_Shade_context



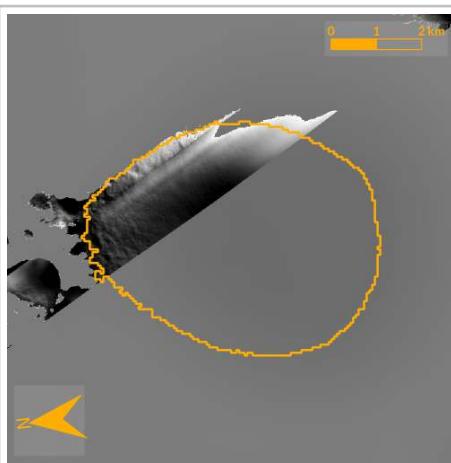
SP_838590_2630960_full



SP_838590_2630960_2012-255



SP_838590_2630960_2013-216



SP_838590_2630960_2015-195

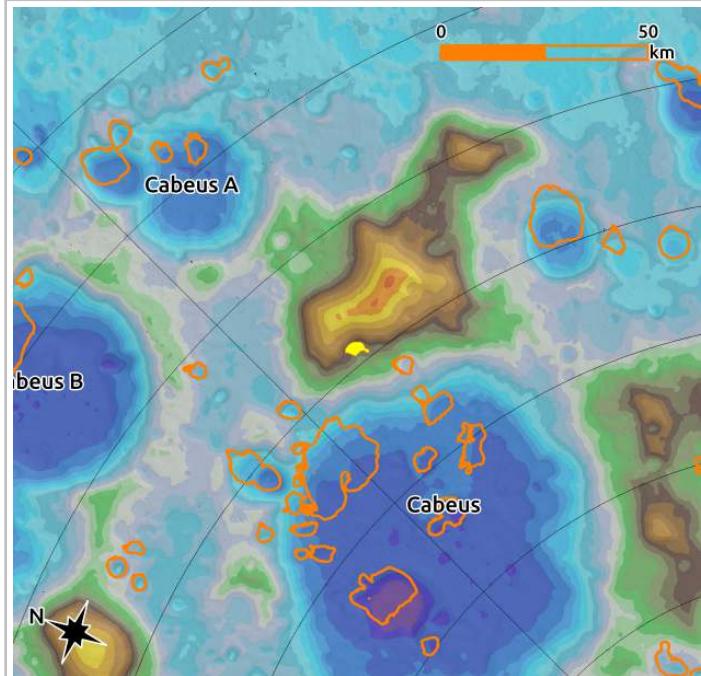
SP_838780_3211110

Lunar Features: Cabeus Crater,
Centroid Latitude: -83.878
Centroid Longitude: 321.111
Area (km²): 11.79
Perimeter (km): 25.32
Pixel Scale Range (m): 10-20
Coverage (%): 90

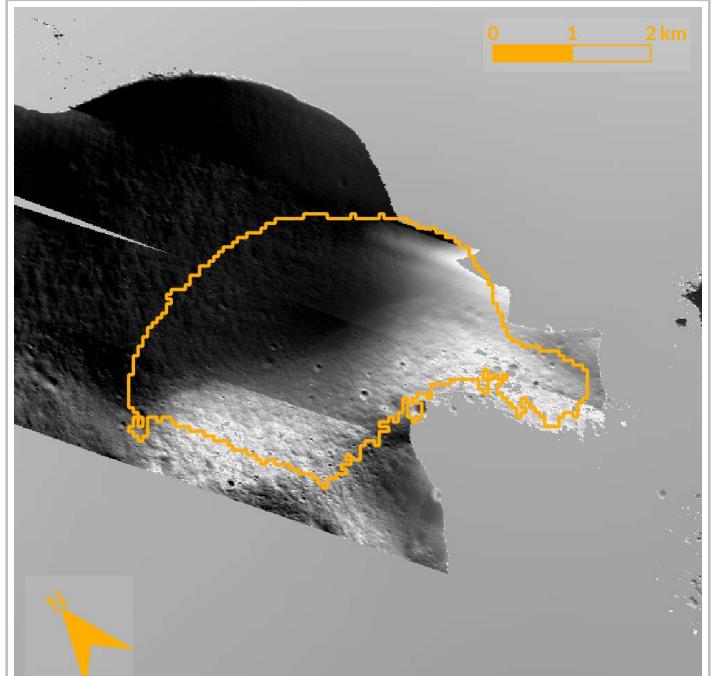
Features of Interest:

Notes:

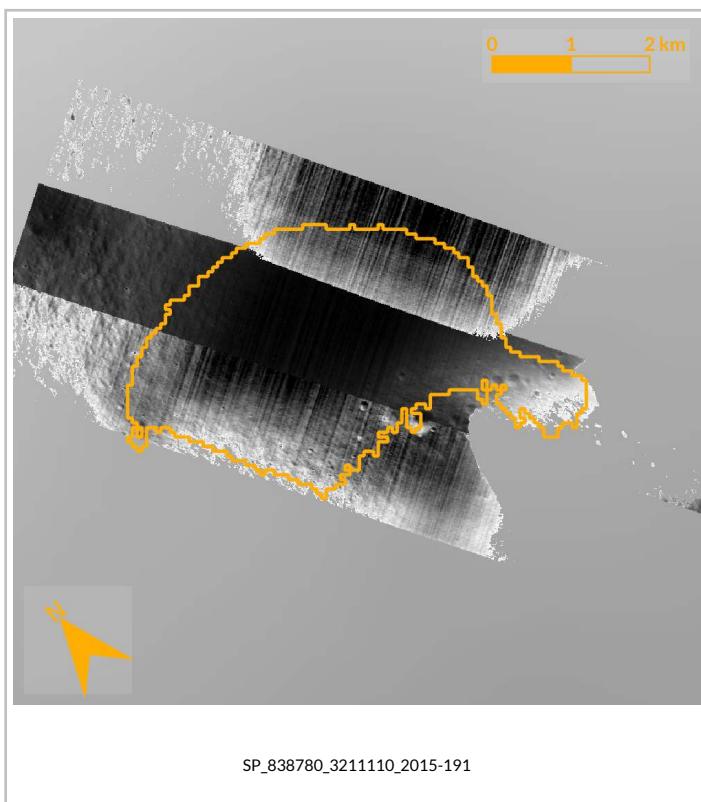
Image Lists: lroc.sese.asu.edu/psr/SP_838780_3211110



SP_838780_3211110_WAC_Color_Shade_context



SP_838780_3211110_2015-164

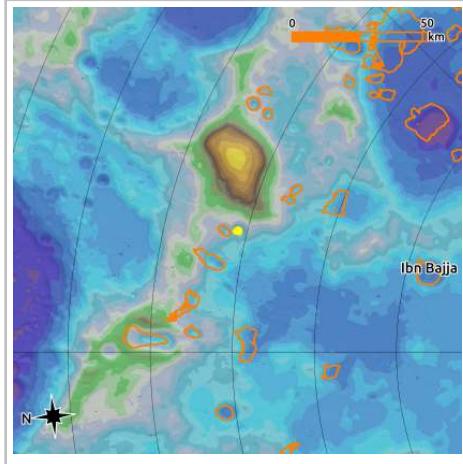


SP_838780_3211110_2015-191

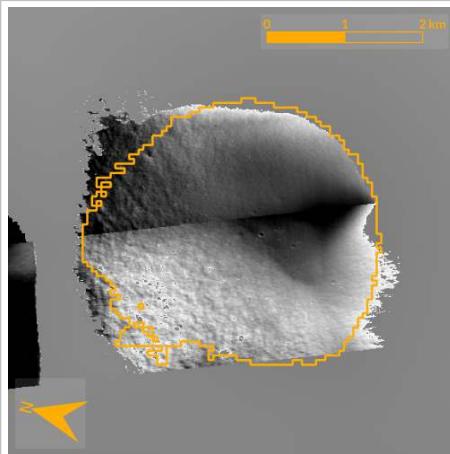
SP_838860_2839350

Lunar Features: Drygalski Crater, Ibn Bajja Crater,
Centroid Latitude: -83.886
Centroid Longitude: 283.935
Area (km²): 10.02
Perimeter (km): 19.56
Pixel Scale Range (m): 9-20
Coverage (%): 100

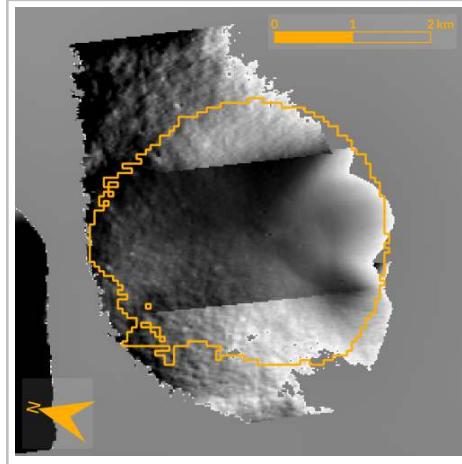
Features of Interest: 2012-226 (M1099482400L): 283.475, -83.891
(S1145 L1837) - craters with high reflectance on crater wall
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_838860_2839350



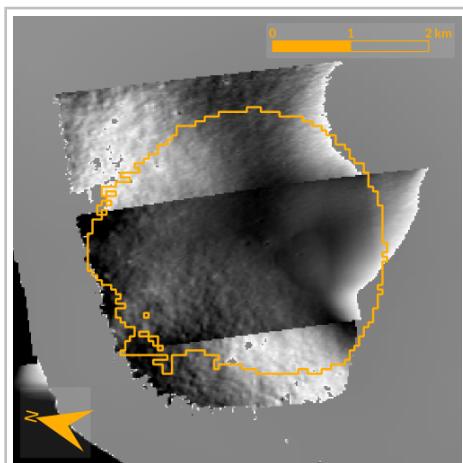
SP_838860_2839350_WAC_Color_Shade_context



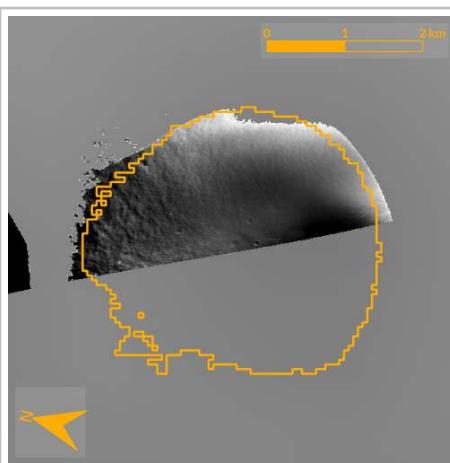
SP_838860_2839350_2012-226



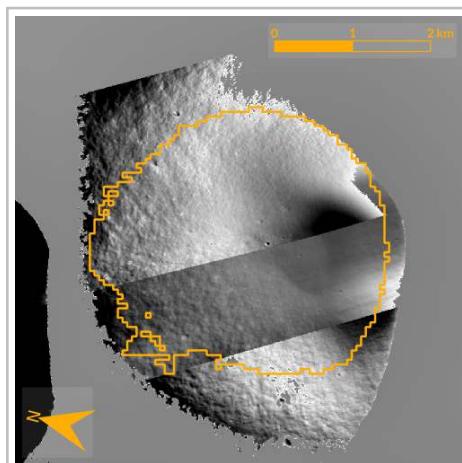
SP_838860_2839350_2012-253



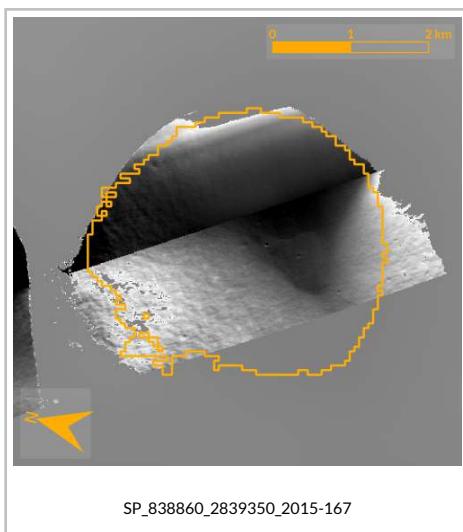
SP_838860_2839350_2012-280



SP_838860_2839350_2013-215



SP_838860_2839350_2014-232

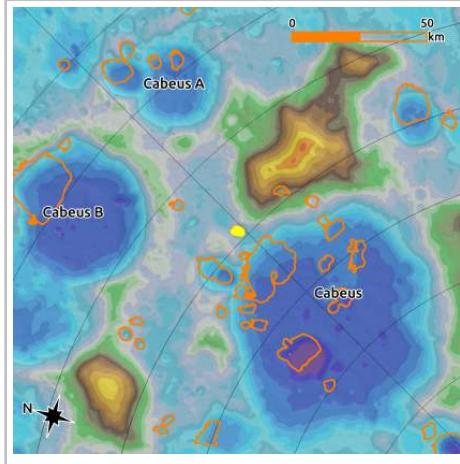


SP_838860_2839350_2015-167

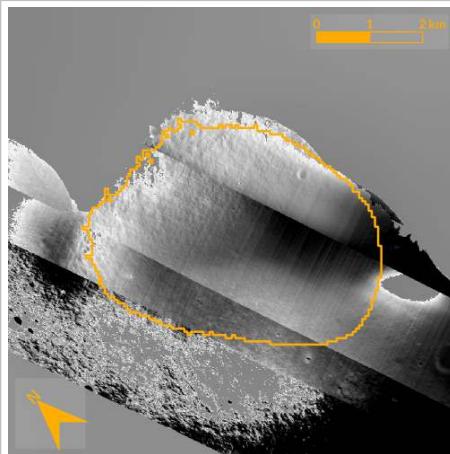
SP_838890_3143320

Lunar Features: Cabeus Crater
Centroid Latitude: -83.889
Centroid Longitude: 314.332
Area (km²): 17.69
Perimeter (km): 22.92
Pixel Scale Range (m): 5-20
Coverage (%): 90

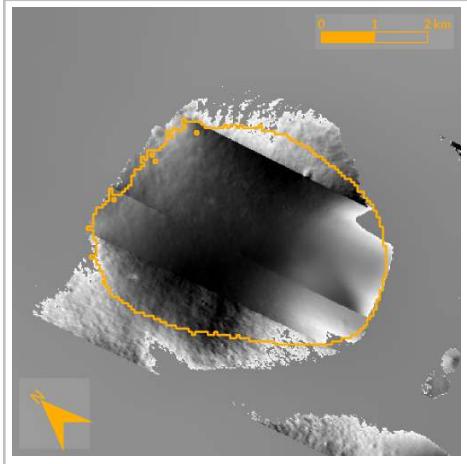
Features of Interest:
Notes: Blurry and bad images
Image Lists: lroc.sese.asu.edu/psr/SP_838890_3143320



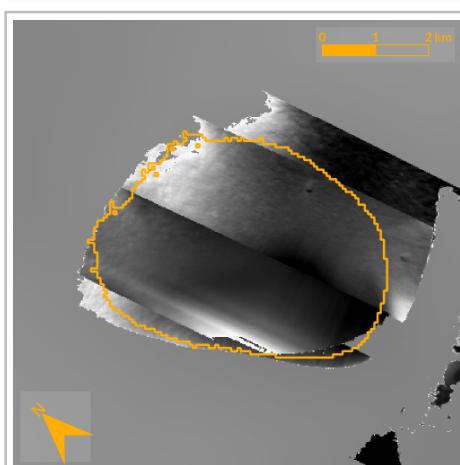
SP_838890_3143320_WAC_Color_Shade_context



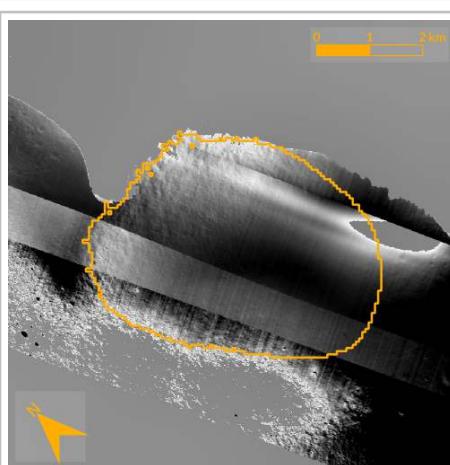
SP_838890_3143320_2012-223



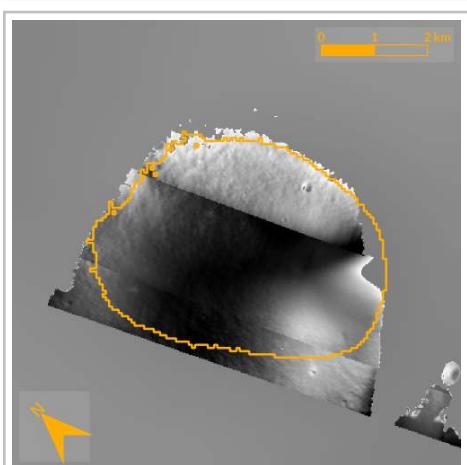
SP_838890_3143320_2012-251



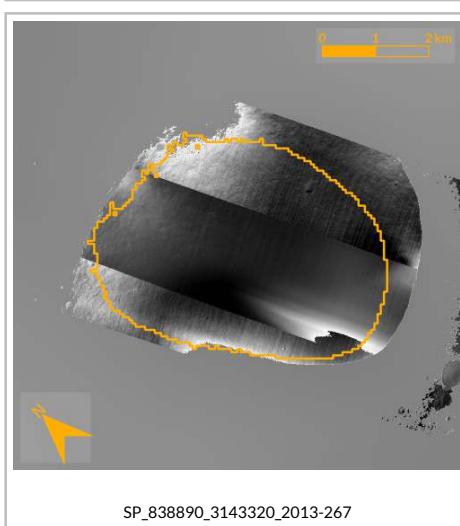
SP_838890_3143320_2012-278



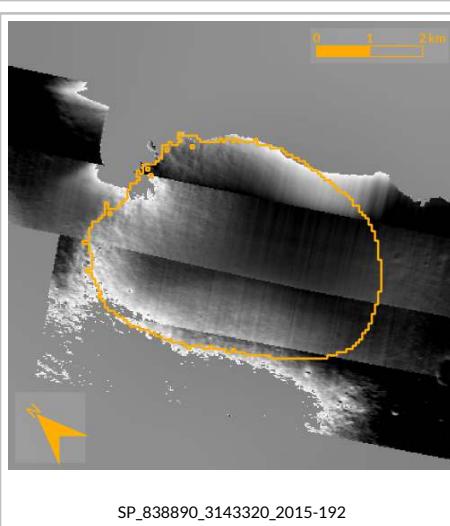
SP_838890_3143320_2013-212



SP_838890_3143320_2013-240



SP_838890_3143320_2013-267

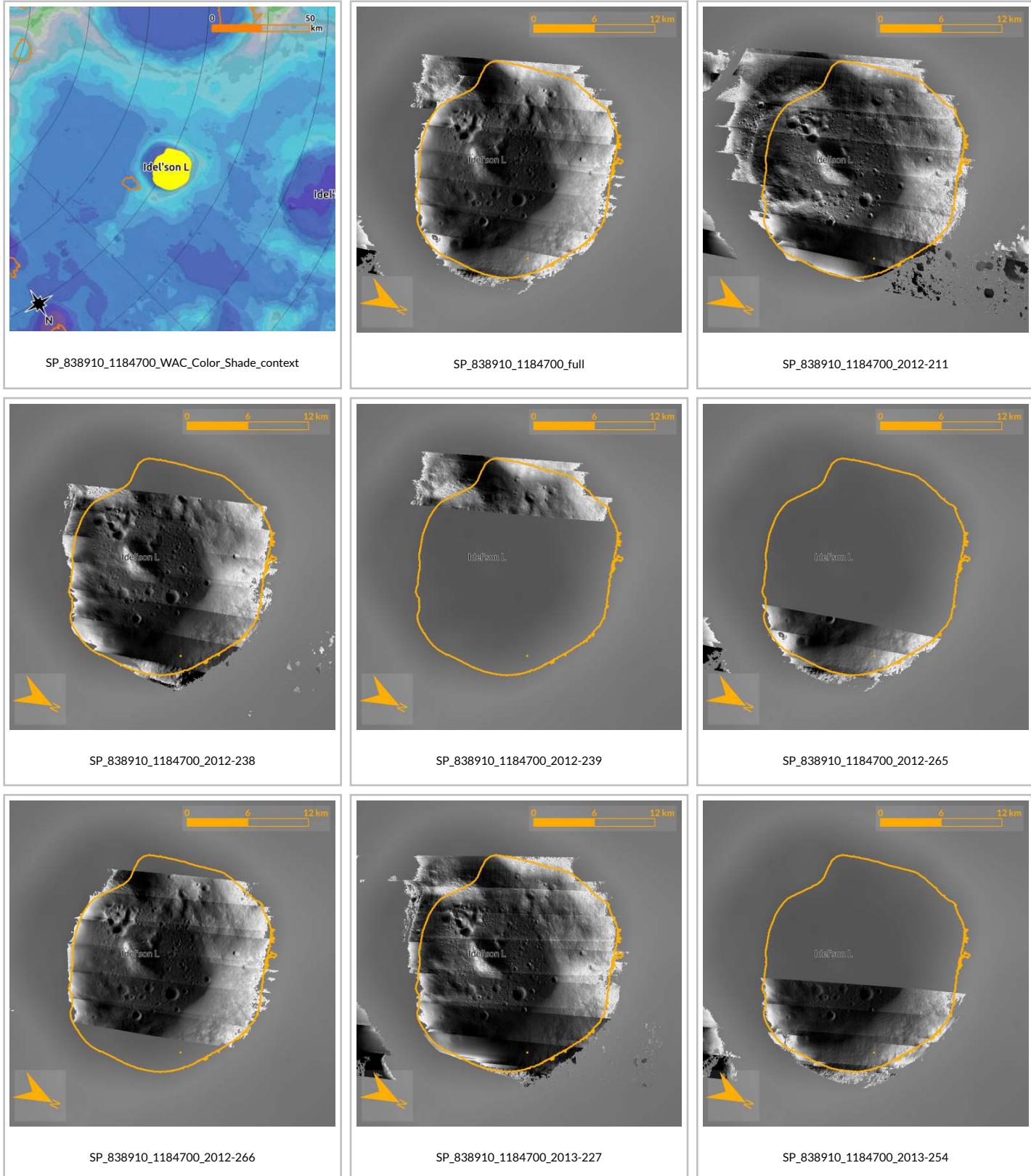


SP_838890_3143320_2015-192

SP_838910_1184700

Lunar Features: Idel'son L
Centroid Latitude: -83.891
Centroid Longitude: 118.47
Area (km²): 326.78
Perimeter (km): 102.0
Pixel Scale Range (m): 5-20
Coverage (%): 100

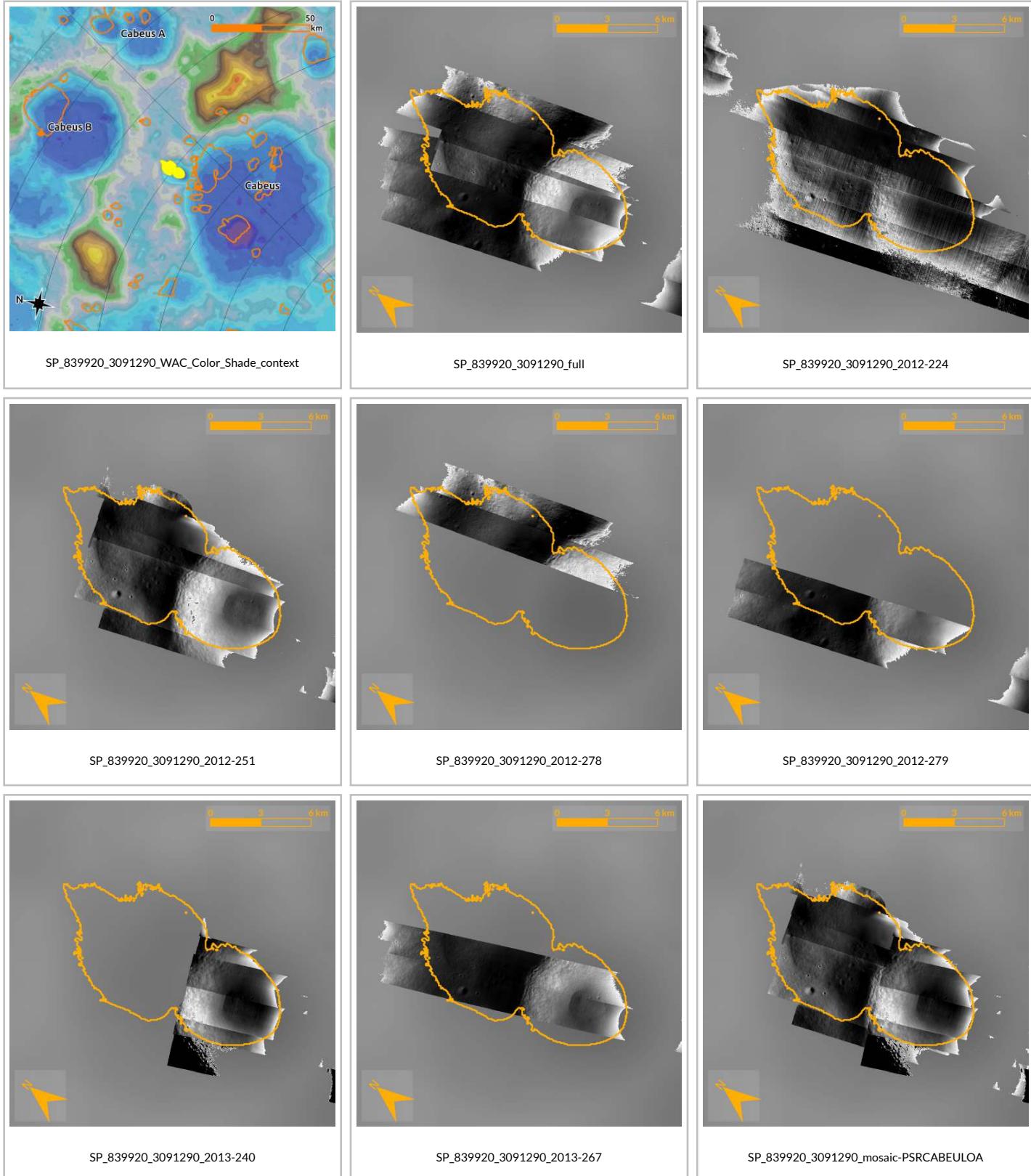
Features of Interest: 2012-238 (M1100568430L): 118.105, -84.119 (S510 L108) - interesting grouping of craters & (M1100561283L): 119.02, -84.093 (S422 L120) - smooth dark crater floor with central peak
Notes:
[Image Lists: lroc.sese.asu.edu/psr/SP_838910_1184700](http://lroc.sese.asu.edu/psr/SP_838910_1184700)



SP_839920_3091290

Lunar Features: Cabeus Crater
Centroid Latitude: -83.992
Centroid Longitude: 309.129
Area (km²): 74.40
Perimeter (km): 71.88
Pixel Scale Range (m): 10-20
Coverage (%): 100

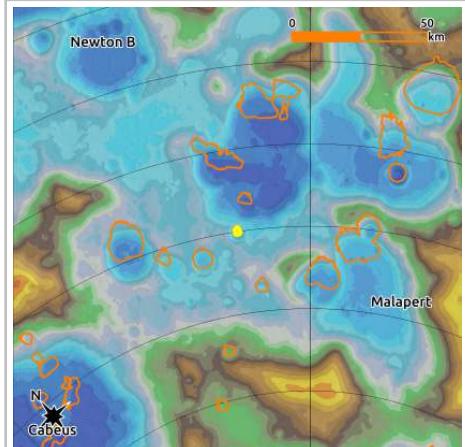
Features of Interest: 2013-267 (M1134702207L): 309.609, -84.118 (S1293 L413) - melty crater floor & 309.609, -84.118 (S10997 L362) - reflectance streaks on southward facing crater wall
Notes:
[Image Lists: lroc.sese.asu.edu/psr/SP_839920_3091290](http://lroc.sese.asu.edu/psr/SP_839920_3091290)



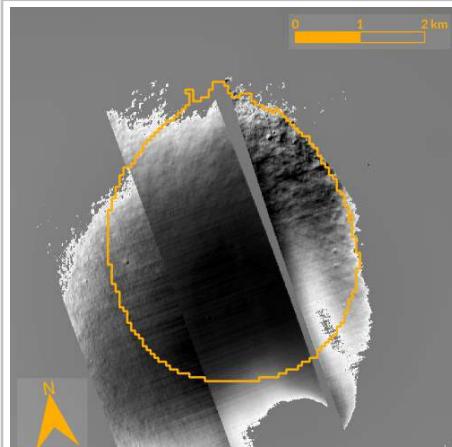
SP_839950_3514880

Lunar Features: Malapert Crater
Centroid Latitude: -83.995
Centroid Longitude: 351.488
Area (km²): 13.27
Perimeter (km): 17.88
Pixel Scale Range (m): 10-20
Coverage (%): 90

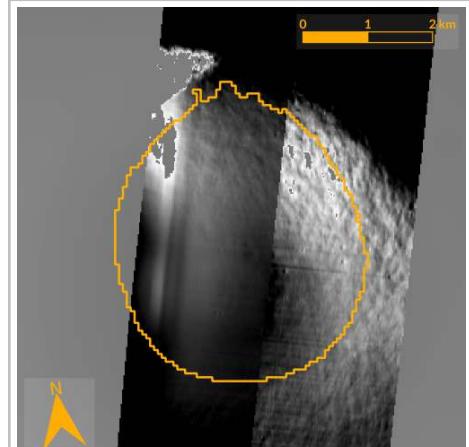
Features of Interest:
Notes: Blurry images
Image Lists: lroc.sese.asu.edu/psr/SP_839950_3514880



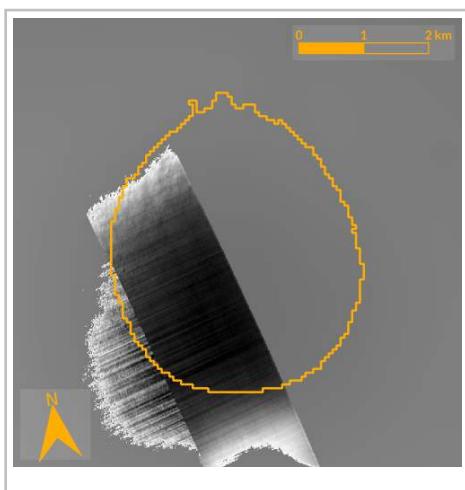
SP_839950_3514880_WAC_Color_Shade_context



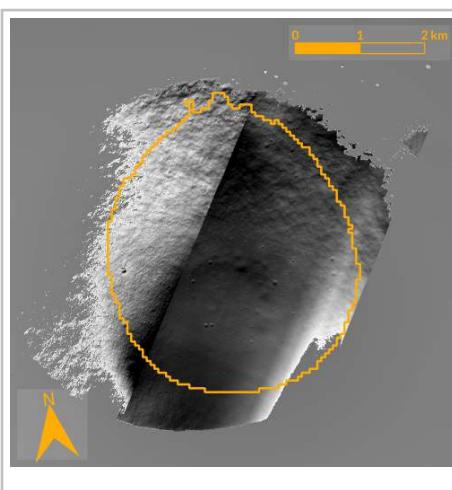
SP_839950_3514880_2012-220



SP_839950_3514880_2013-138



SP_839950_3514880_2013-209

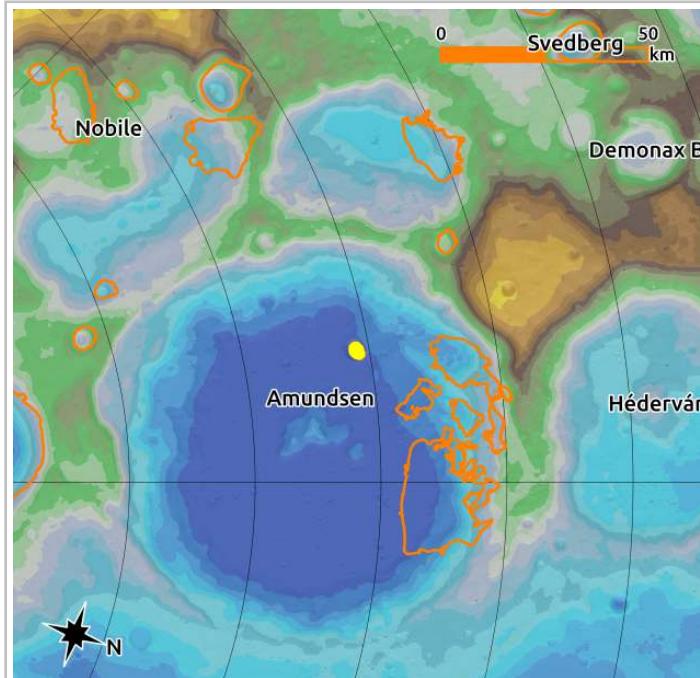


SP_839950_3514880_2017-338

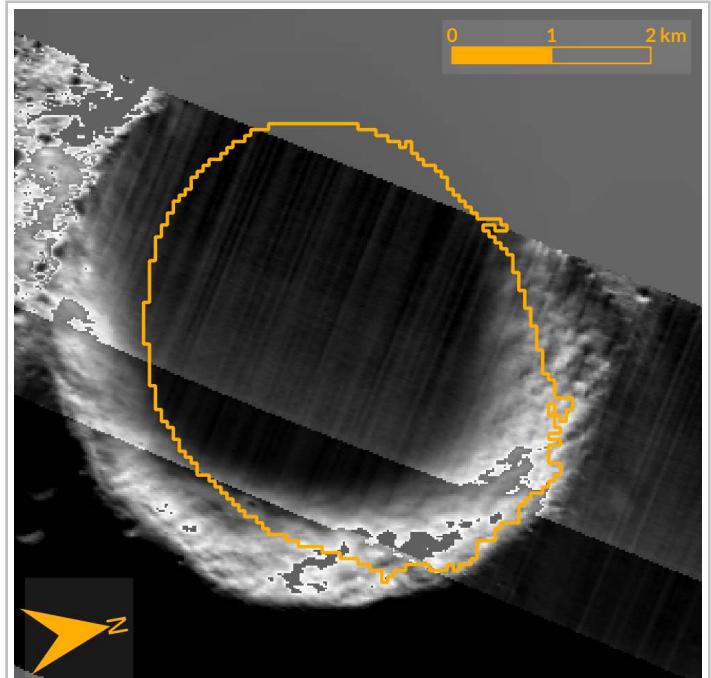
SP_840980_0797630

Lunar Features: Amundsen Crater
Centroid Latitude: -84.098
Centroid Longitude: 79.763
Area (km²): 14.23
Perimeter (km): 19.92
Pixel Scale Range (m): 10-20
Coverage (%): 15

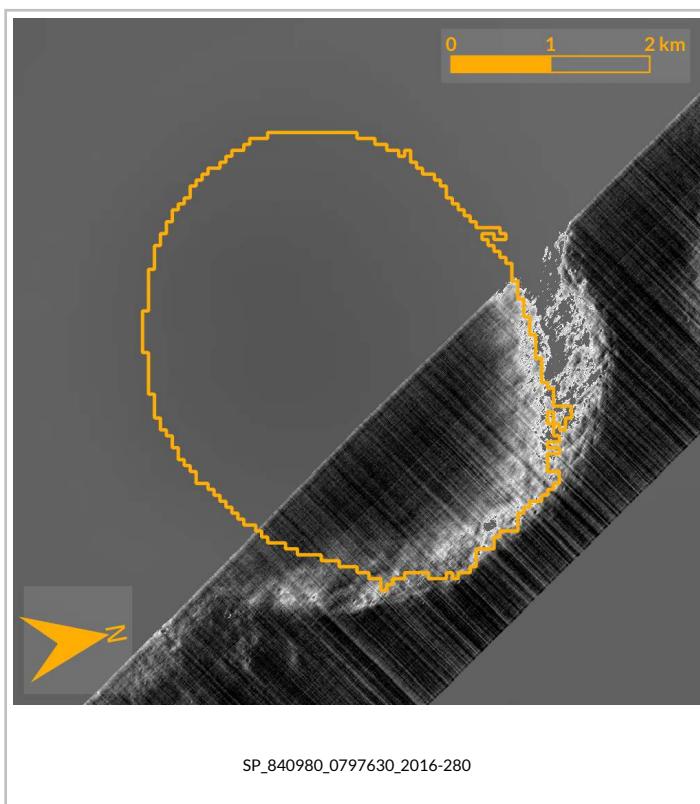
Features of Interest: 2016-280 (M1230429402R): 80.174, -84.037 (S982 L692) - crater wall with high reflectance
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_840980_0797630



SP_840980_0797630_WAC_Color_Shade_context



SP_840980_0797630_2015-109

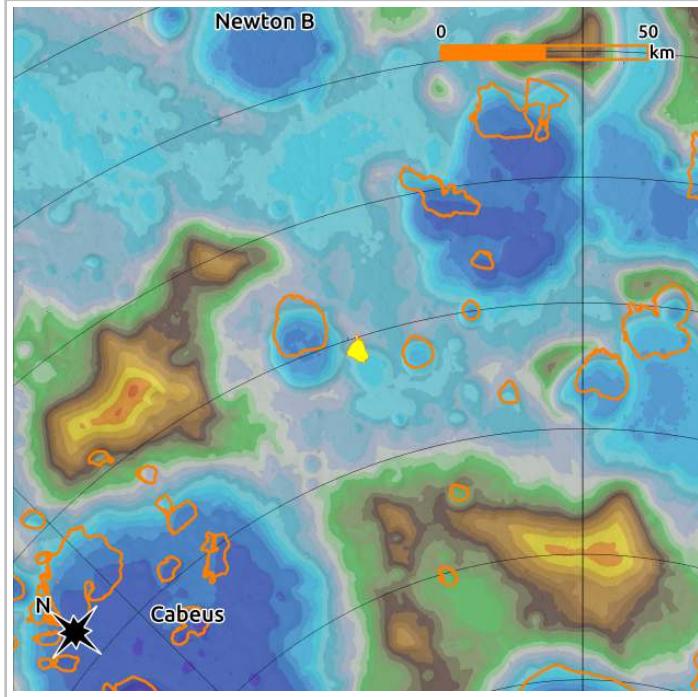


SP_840980_0797630_2016-280

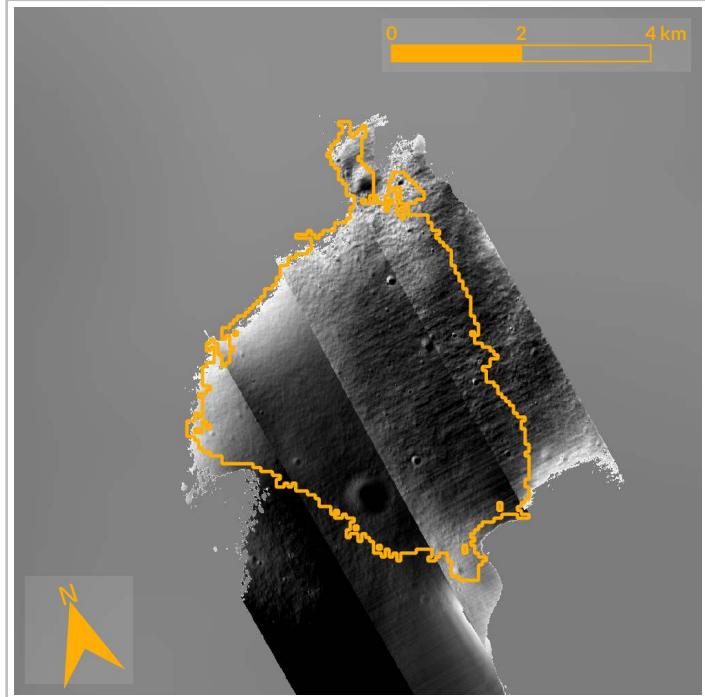
SP_841060_3423520

Lunar Features: Cabeus Crater
Centroid Latitude: -84.106
Centroid Longitude: 342.352
Area (km²): 19.09
Perimeter (km): 40.32
Pixel Scale Range (m): 10-10
Coverage (%): 100

Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_841060_3423520



SP_841060_3423520_WAC_Color_Shade_context

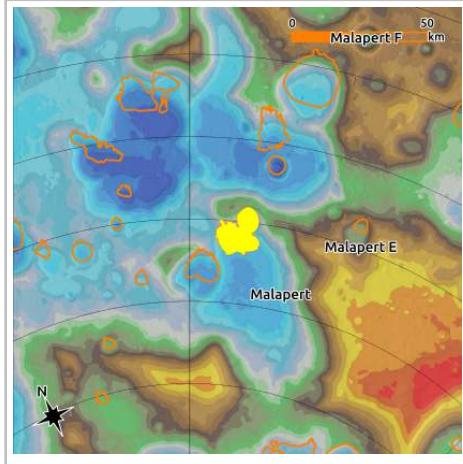


SP_841060_3423520_2012-221

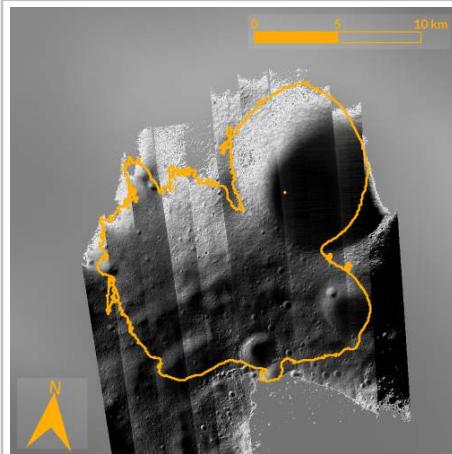
SP_841420_0059530

Lunar Features: Malapert Crater,
Centroid Latitude: -84.142
Centroid Longitude: 5.953
Area (km²): 194.48
Perimeter (km): 139.2
Pixel Scale Range (m): 1-20
Coverage (%): 100

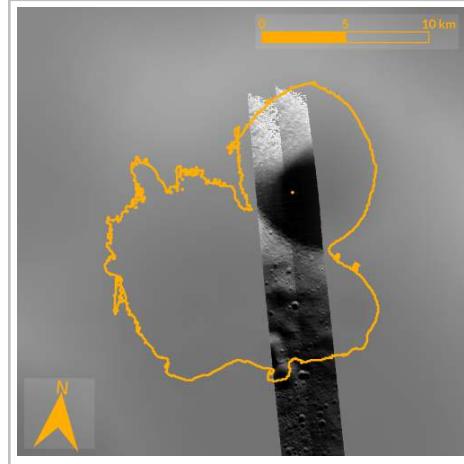
Features of Interest: 2012-219 (M1098889340R): 5.907, -83.963 (S101 L580) - south-eastern crater wall has high exposure
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_841420_0059530



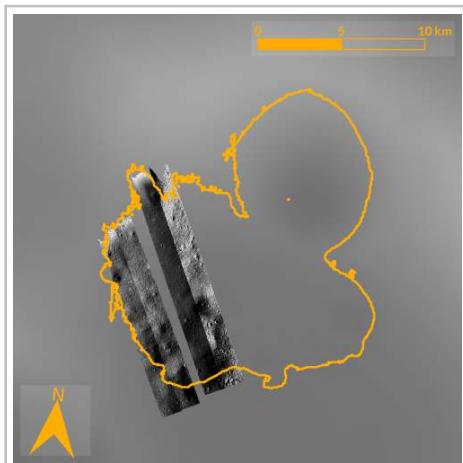
SP_841420_0059530_WAC_Color_Shade_context



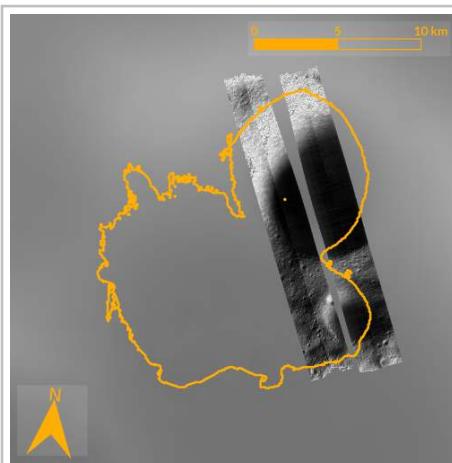
SP_841420_0059530_2012-219



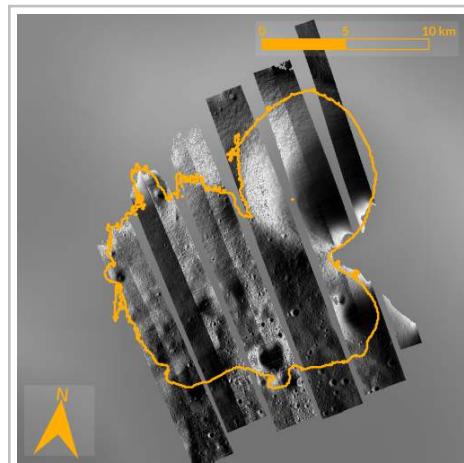
SP_841420_0059530_2012-274



SP_841420_0059530_2015-160



SP_841420_0059530_2015-187



SP_841420_0059530_2016-149

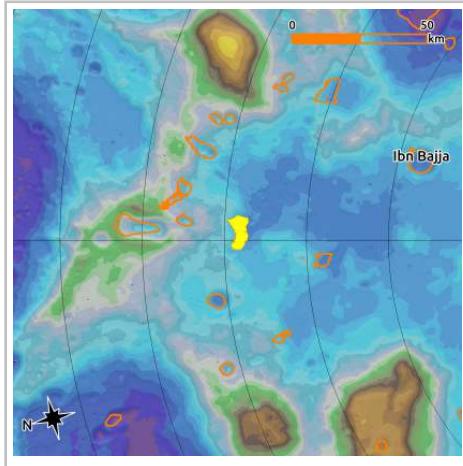
SP_841820_2710340

Lunar Features: Ash brook Crater Ibn Bajja Crater
Centroid Latitude: -84.182
Centroid Longitude: 271.034
Area (km²): 62.00
Perimeter (km): 85.92
Pixel Scale Range (m): 10-20
Coverage (%): 100

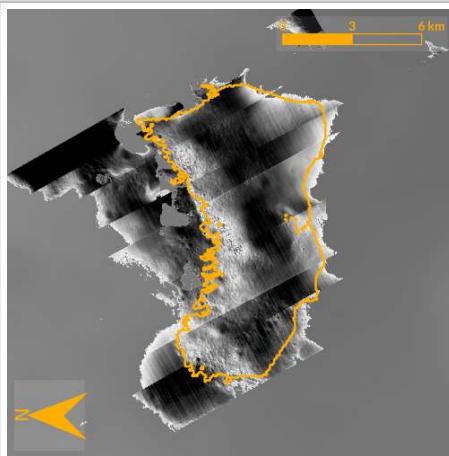
Features of Interest:

Notes:

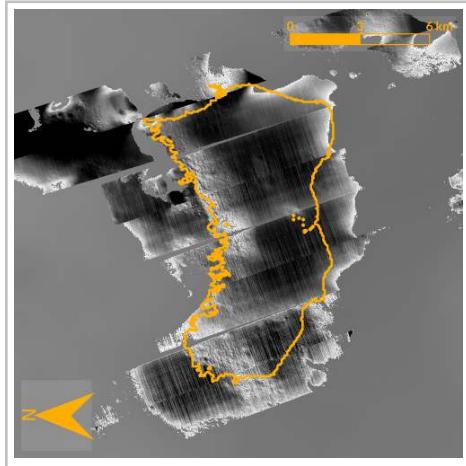
Image Lists: lroc.sese.asu.edu/psr/SP_841820_2710340



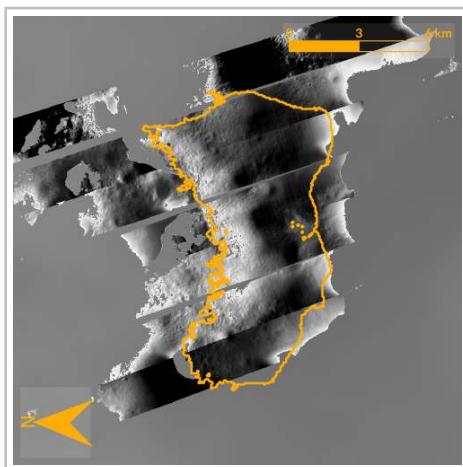
SP_841820_2710340_WAC_Color_Shade_context



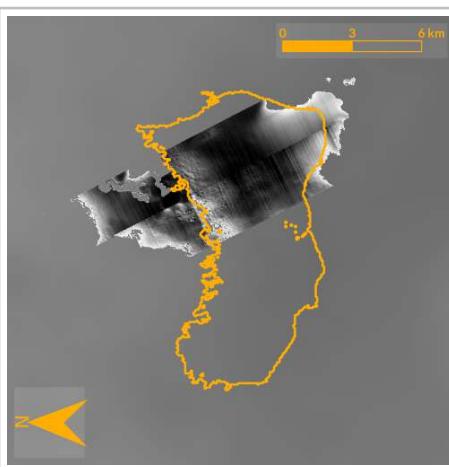
SP_841820_2710340_full



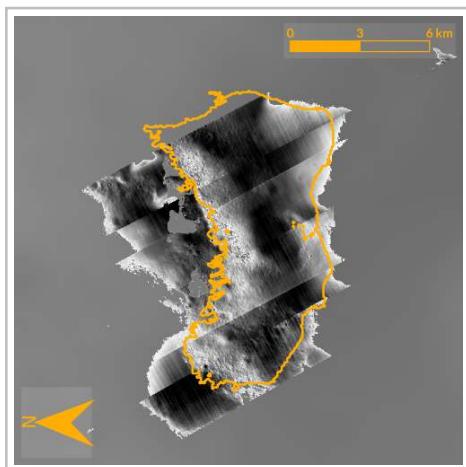
SP_841820_2710340_2012-227



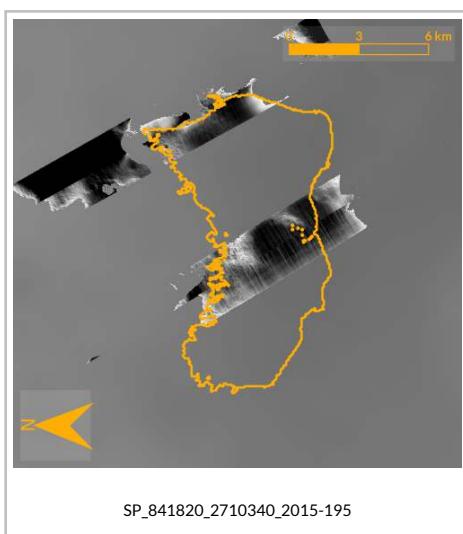
SP_841820_2710340_2012-281



SP_841820_2710340_2014-205



SP_841820_2710340_2014-233



SP_841820_2710340_2015-195

SP_842140_3232340

Lunar Features: Cabeus Crater

Centroid Latitude: -84.214

Centroid Longitude: 323.234

Area (km²): 14.02

Perimeter (km): 39.96

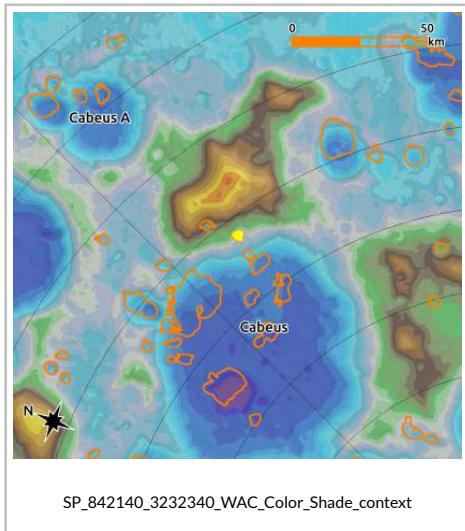
Pixel Scale Range (m): 10-20

Coverage (%): 100

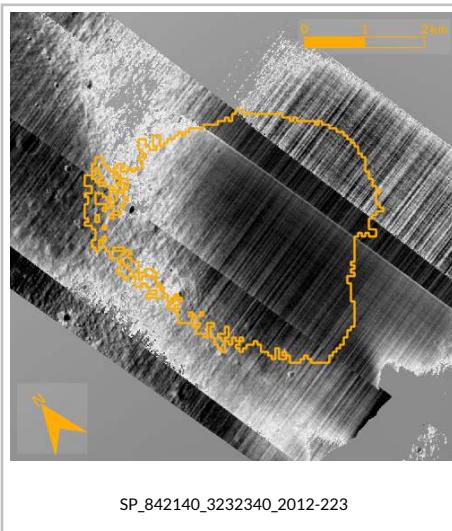
Features of Interest:

Notes:

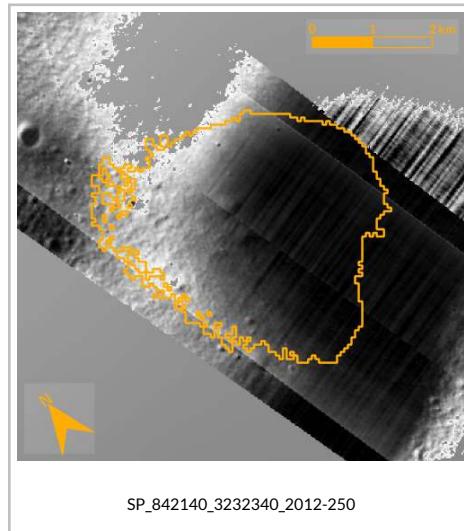
Image Lists: lroc.sese.asu.edu/psr/SP_842140_3232340



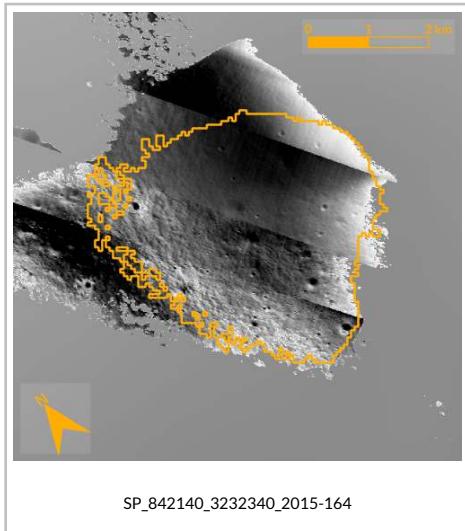
SP_842140_3232340_WAC_Color_Shade_context



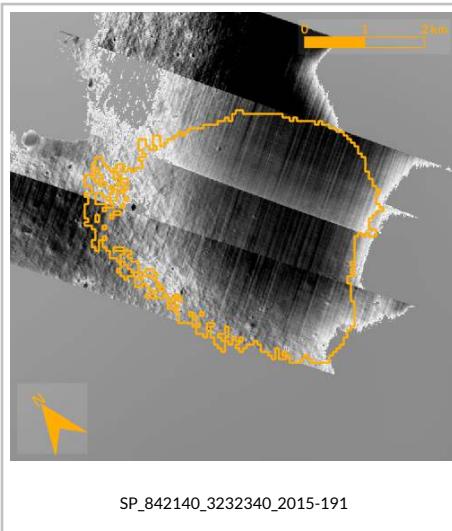
SP_842140_3232340_2012-223



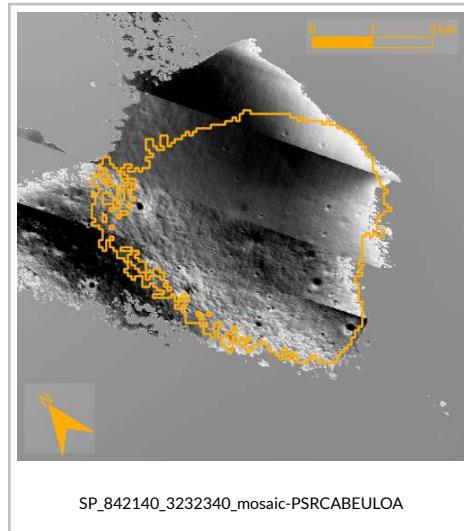
SP_842140_3232340_2012-250



SP_842140_3232340_2015-164



SP_842140_3232340_2015-191

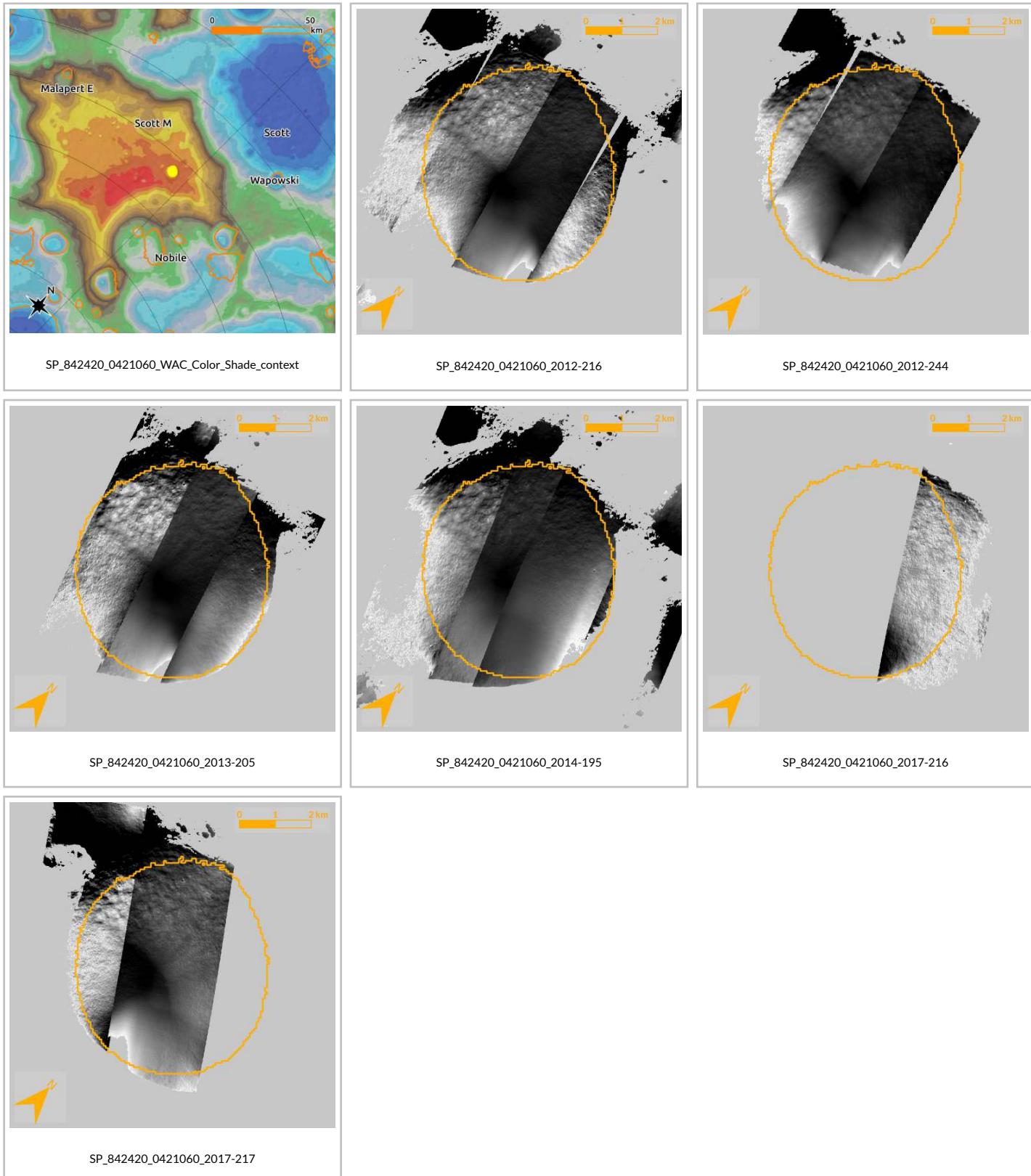


SP_842140_3232340_mosaic-PSRCABEULOA

SP_842420_0421060

Lunar Features: Scott M,
Centroid Latitude: -84.242
Centroid Longitude: 42.106
Area (km²): 25.46
Perimeter (km): 25.44
Pixel Scale Range (m): 7-10
Coverage (%): 100

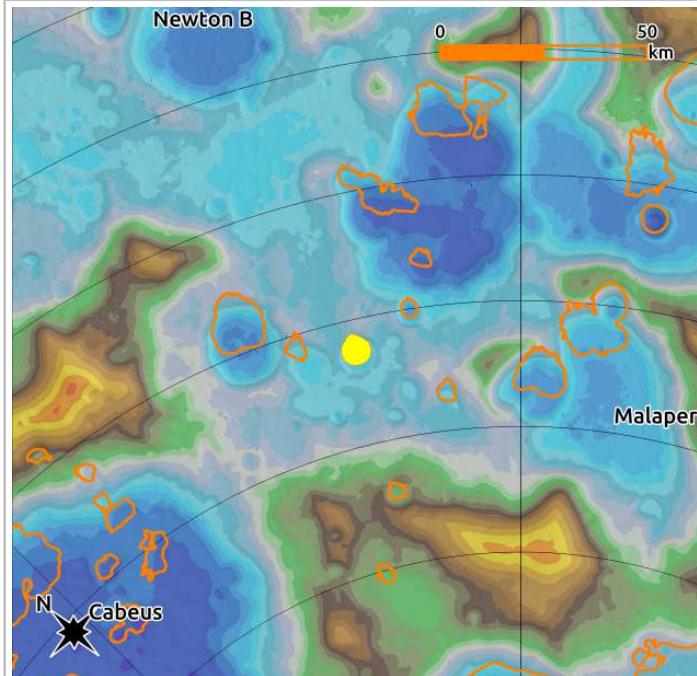
Features of Interest: 2012-216 (M1098660726L): 41.588, -84.210 (S7766 L469) - high reflectance streaks on southern facing crater wall
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_842420_0421060



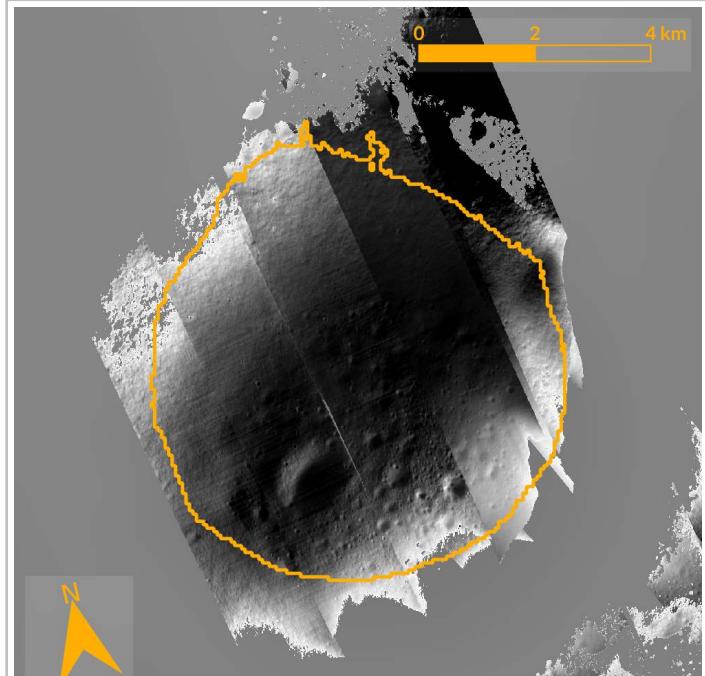
SP_842430_3468180

Lunar Features: Malapert Crater, Cabeus Crater
Centroid Latitude: -84.243
Centroid Longitude: 346.818
Area (km²): 41.07
Perimeter (km): 34.32
Pixel Scale Range (m): 10-12
Coverage (%): 95

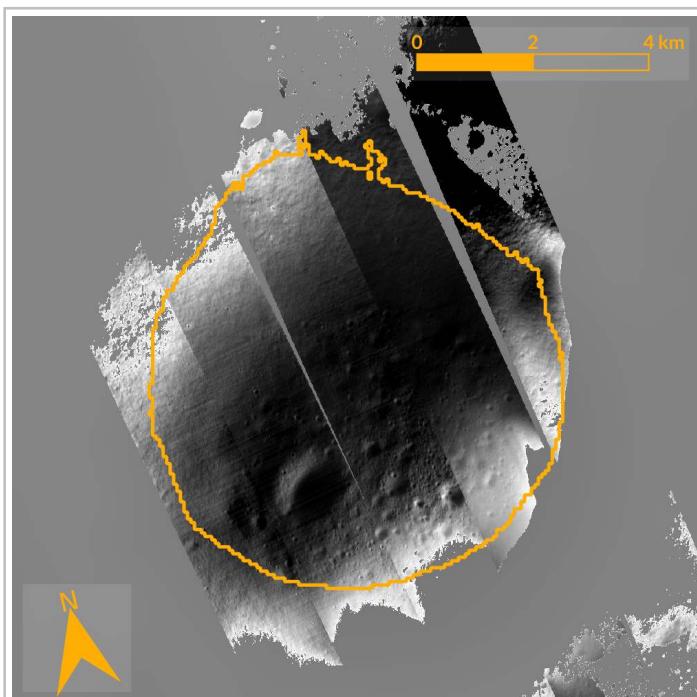
Features of Interest:
Notes: Dark crater floor
Image Lists: lroc.sese.asu.edu/psr/SP_842430_3468180



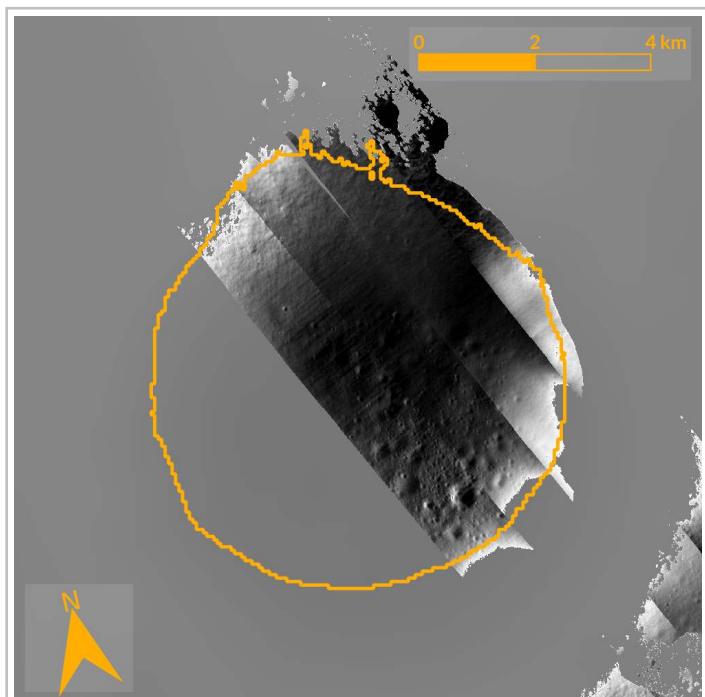
SP_842430_3468180_WAC_Color_Shade_context



SP_842430_3468180_full



SP_842430_3468180_2012-220

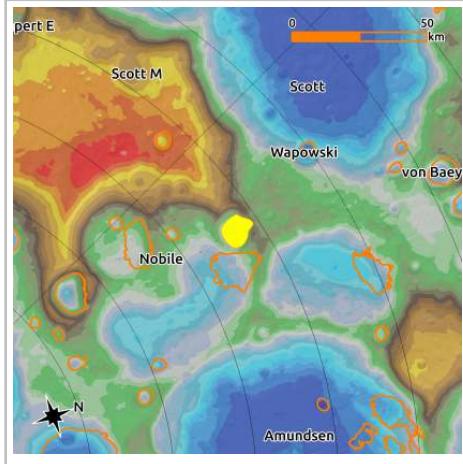


SP_842430_3468180_2015-189

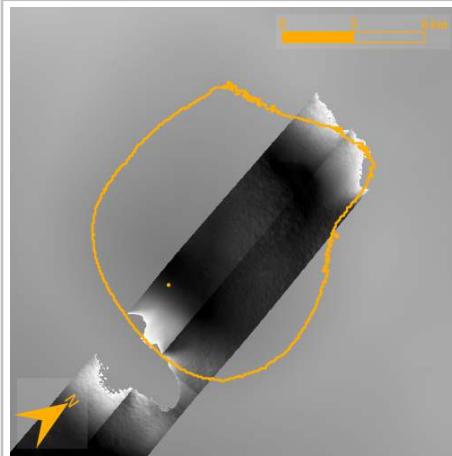
SP_842890_0563440

Lunar Features: Nobile Crater,
Centroid Latitude: -84.289
Centroid Longitude: 56.344
Area (km²): 97.97
Perimeter (km): 60.48
Pixel Scale Range (m): 1-20
Coverage (%): 100

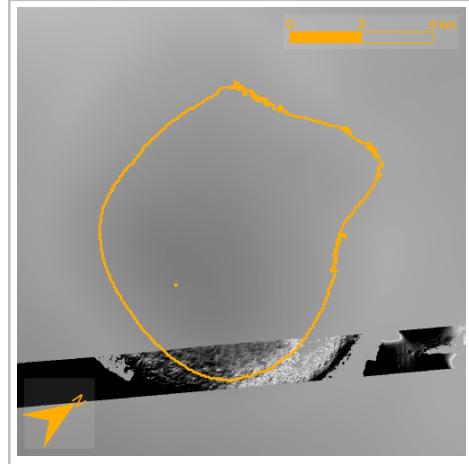
Features of Interest:
Notes: Smooth crater floor
Image Lists: lroc.sese.asu.edu/psr/SP_842890_0563440



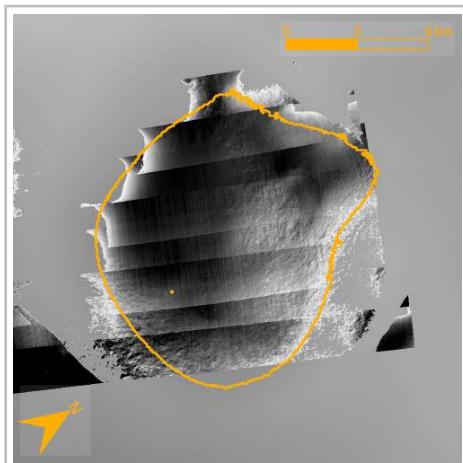
SP_842890_0563440_WAC_Color_Shade_context



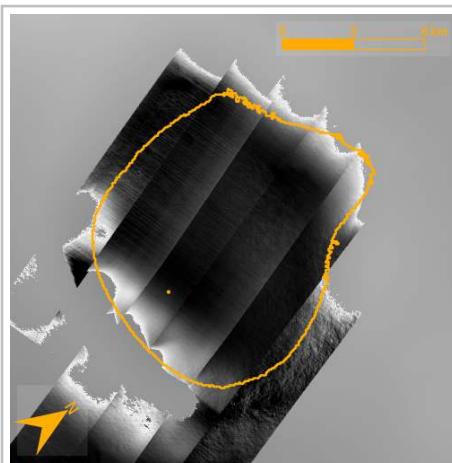
SP_842890_0563440_2012-270



SP_842890_0563440_2013-132



SP_842890_0563440_2013-133



SP_842890_0563440_2013-259

SP_843550_2251140

Lunar Features: Kocher Crater

Centroid Latitude: -84.355

Centroid Longitude: 225.114

Area (km²): 76.70

Perimeter (km): 61.92

Pixel Scale Range (m): 5-20

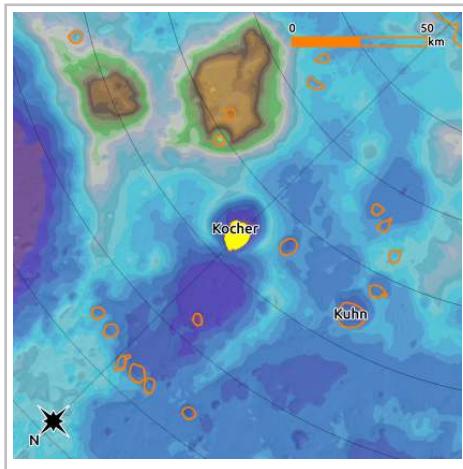
Coverage (%): 100

Features of Interest: 2012-230 (M1099818243R): 224.977, -84.258

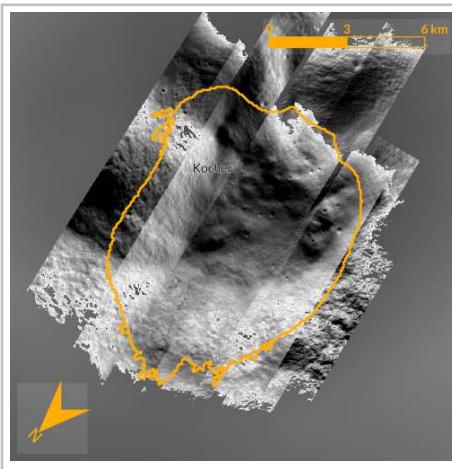
(S1651 L11272) - boulder tracks on southward facing crater wall

Notes: Hummocky terrain on crater floor

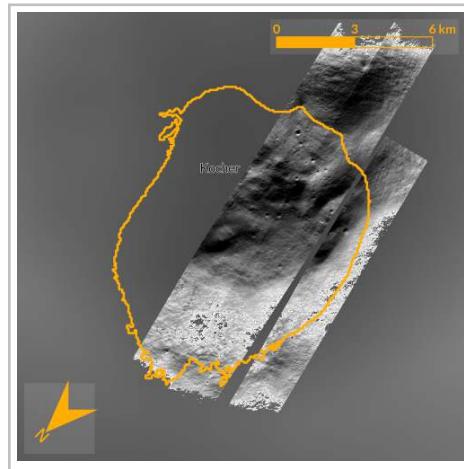
Image Lists: lroc.sese.asu.edu/psr/SP_843550_2251140



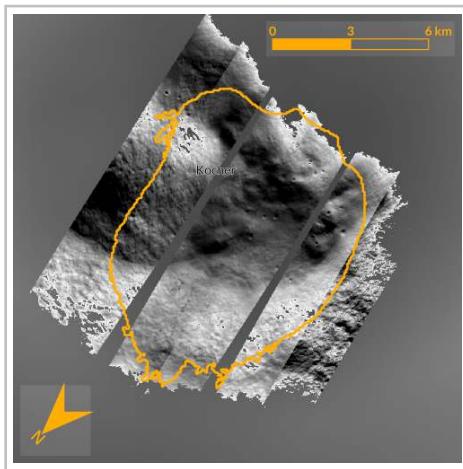
SP_843550_2251140_WAC_Color_Shade_Context



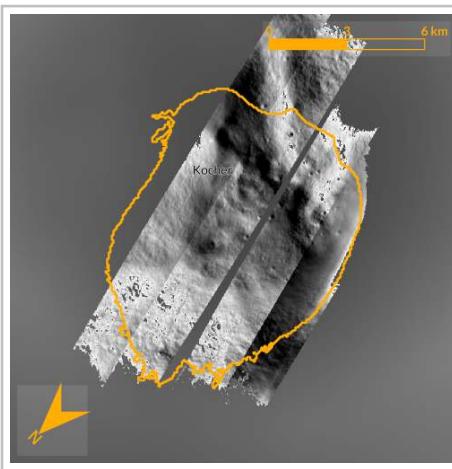
SP_843550_2251140_full



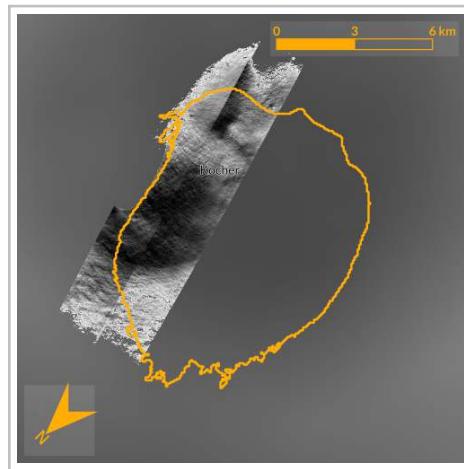
SP_843550_2251140_2012-230



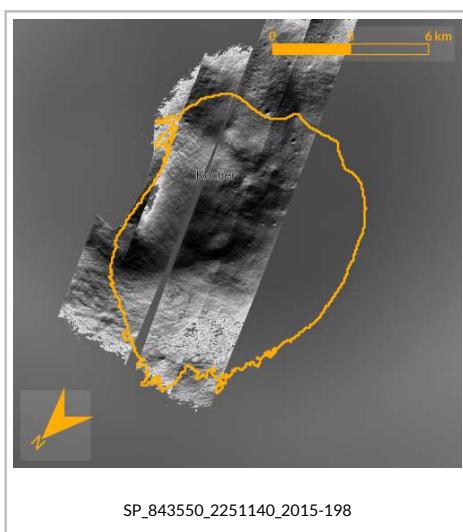
SP_843550_2251140_2012-257



SP_843550_2251140_2012-284



SP_843550_2251140_2013-218

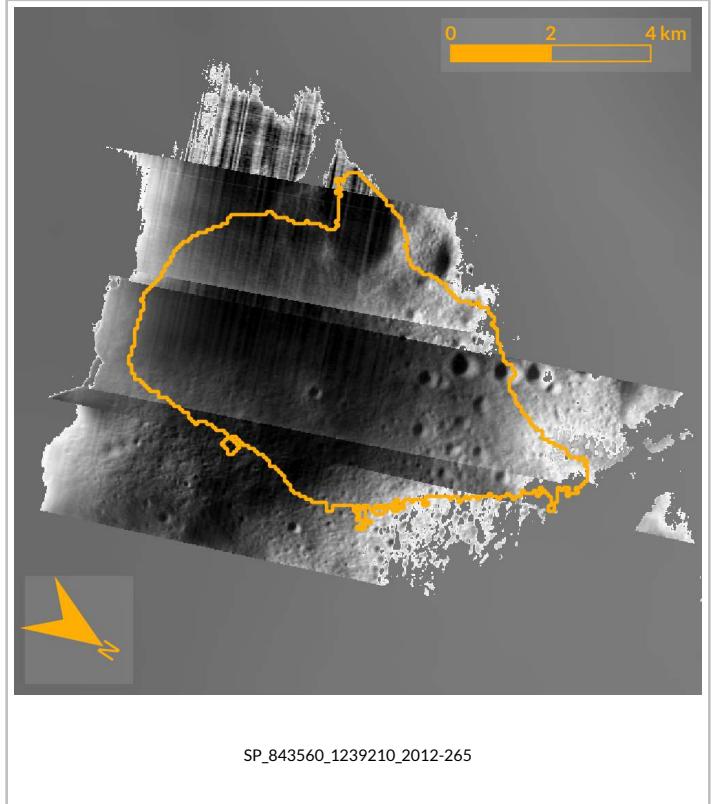
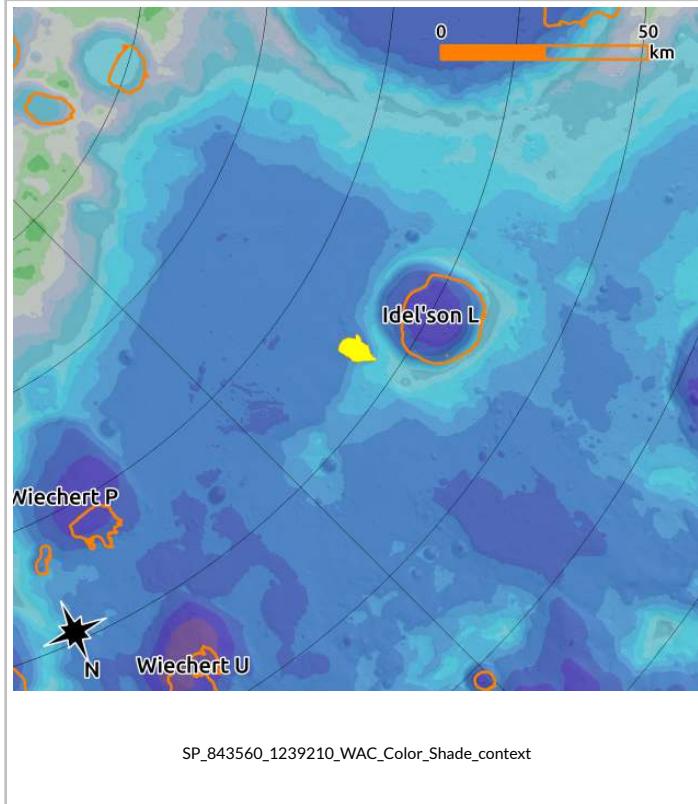


SP_843550_2251140_2015-198

SP_843560_1239210

Lunar Features: Idel'son L
Centroid Latitude: -84.356
Centroid Longitude: 123.921
Area (km²): 35.86
Perimeter (km): 43.68
Pixel Scale Range (m): 5-20
Coverage (%): 100

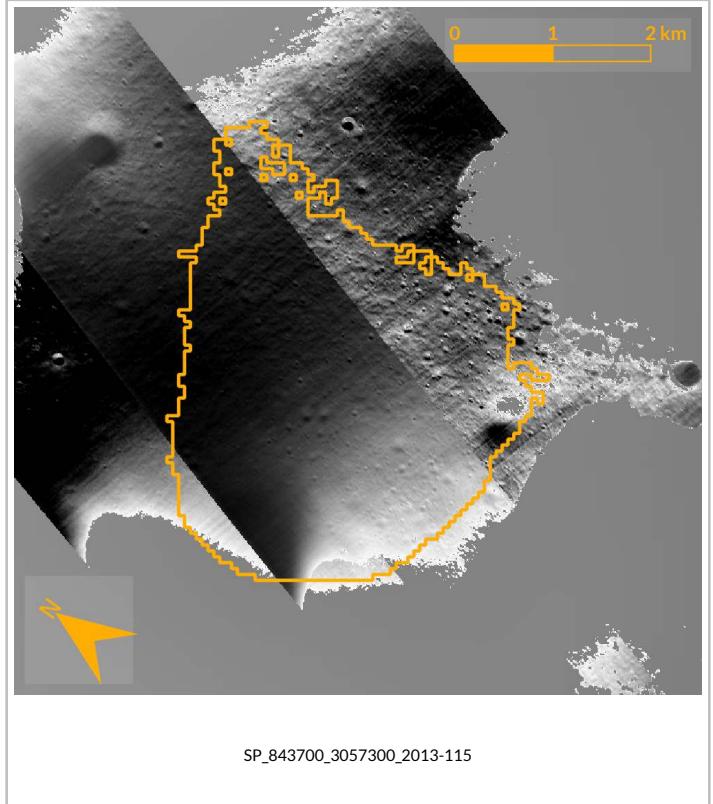
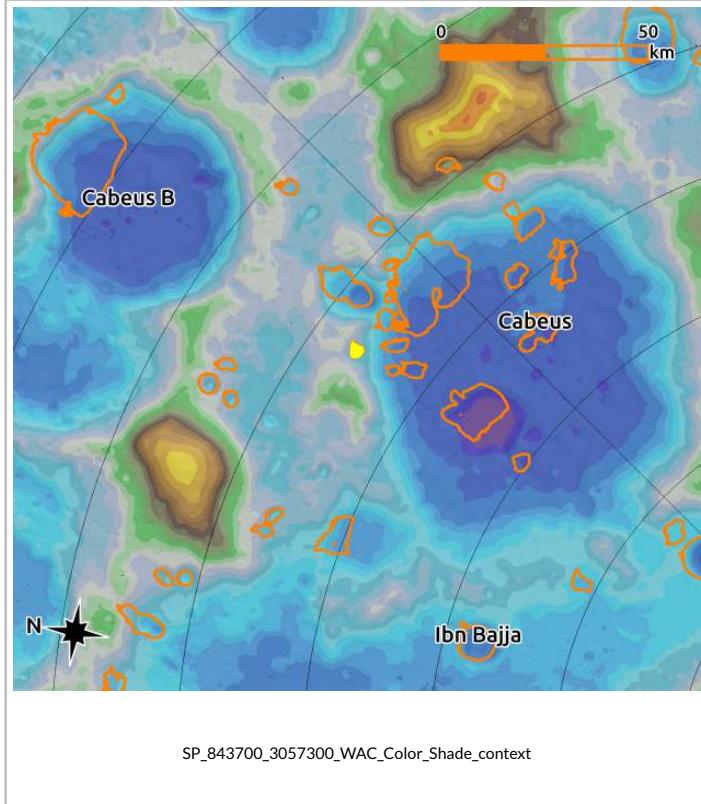
Features of Interest:
Notes: One DOY
Image Lists: lroc.sese.asu.edu/psr/SP_843560_1239210



SP_843700_3057300

Lunar Features: Cabeus Crater
Centroid Latitude: -84.37
Centroid Longitude: 305.73
Area (km²): 11.51
Perimeter (km): 26.04
Pixel Scale Range (m): 10-20
Coverage (%): 60

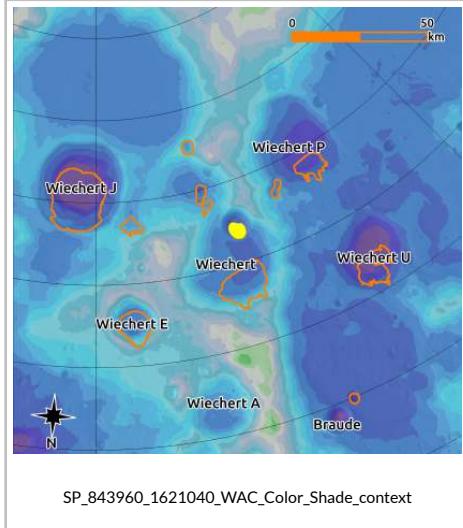
Features of Interest:
Notes: One DOY
Image Lists: lroc.sese.asu.edu/psr/SP_843700_3057300



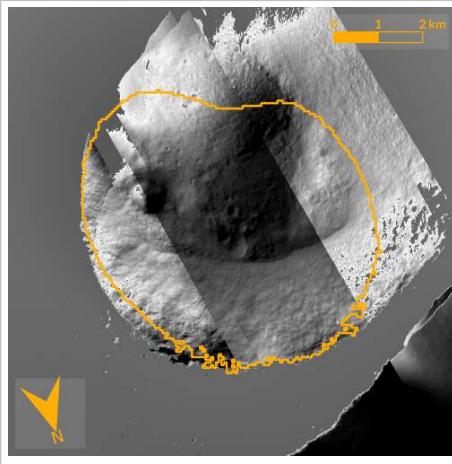
SP_843960_1621040

Lunar Features: Wiechert P Wiechert Crater
Centroid Latitude: -84.396
Centroid Longitude: 162.104
Area (km²): 32.02
Perimeter (km): 34.2
Pixel Scale Range (m): 5-20
Coverage (%): 100

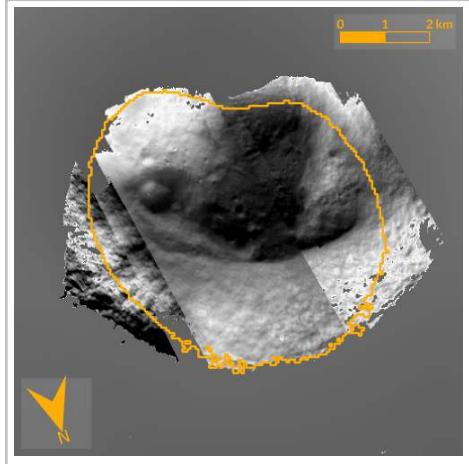
Features of Interest: 2012-234 (M1100218289L): 162.068, -84.314 (S3489 L6251) - high reflectance on rim, & 162.653, -84.438 (S3209 L5943) - crater with high reflectance within bowl-shaped crater. 2012-234 (M1100225434R): 161.831, -84.444 (S3573 L5939) - possible fault scarp
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_843960_1621040



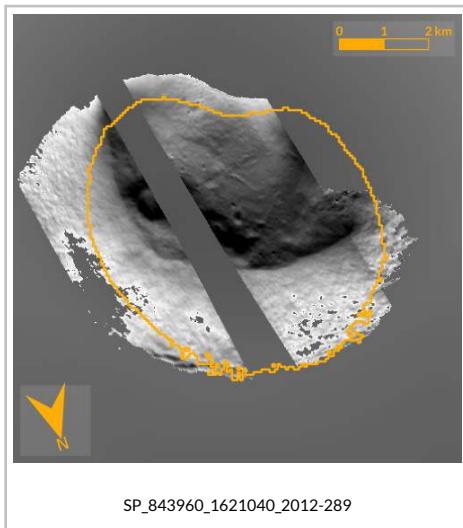
SP_843960_1621040_WAC_Color_Shade_context



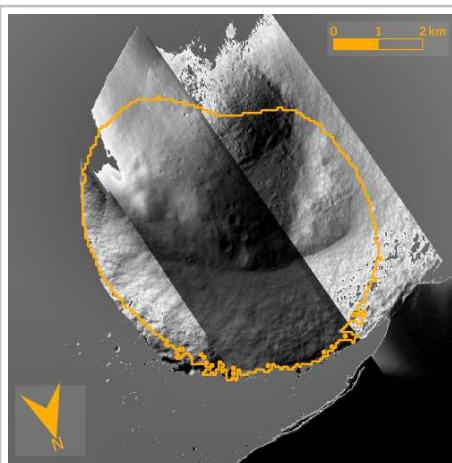
SP_843960_1621040_2012-234



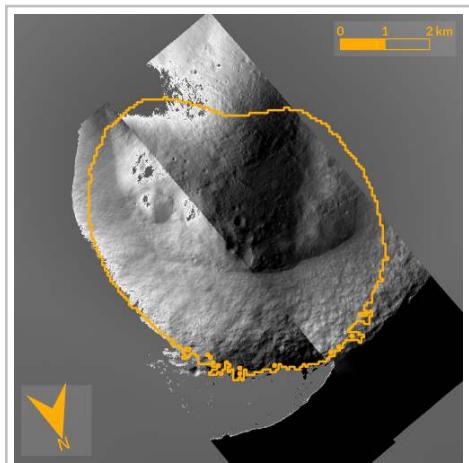
SP_843960_1621040_2012-262



SP_843960_1621040_2012-289



SP_843960_1621040_2013-223



SP_843960_1621040_2014-213

SP_843960_2077750

Lunar Features: Kuhn Crater

Centroid Latitude: -84.396

Centroid Longitude: 207.775

Area (km²): 72.34

Perimeter (km): 43.2

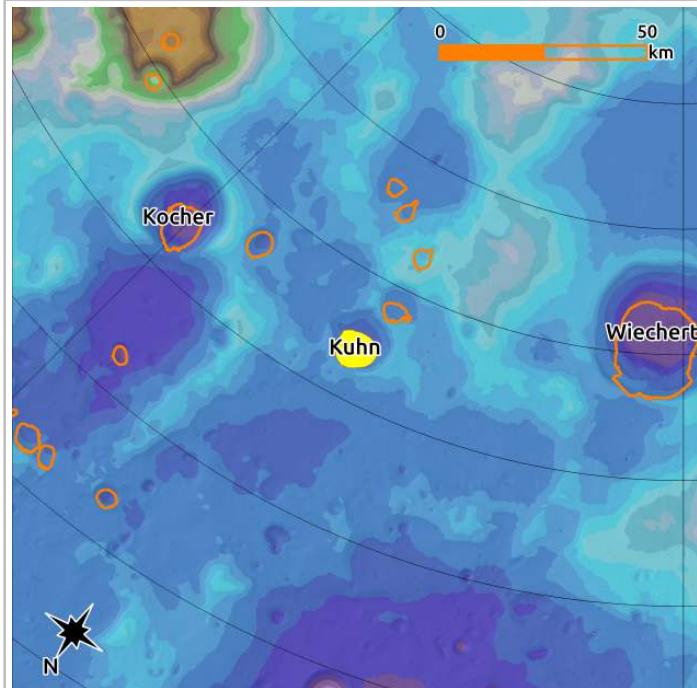
Pixel Scale Range (m): 10-20

Coverage (%): 100

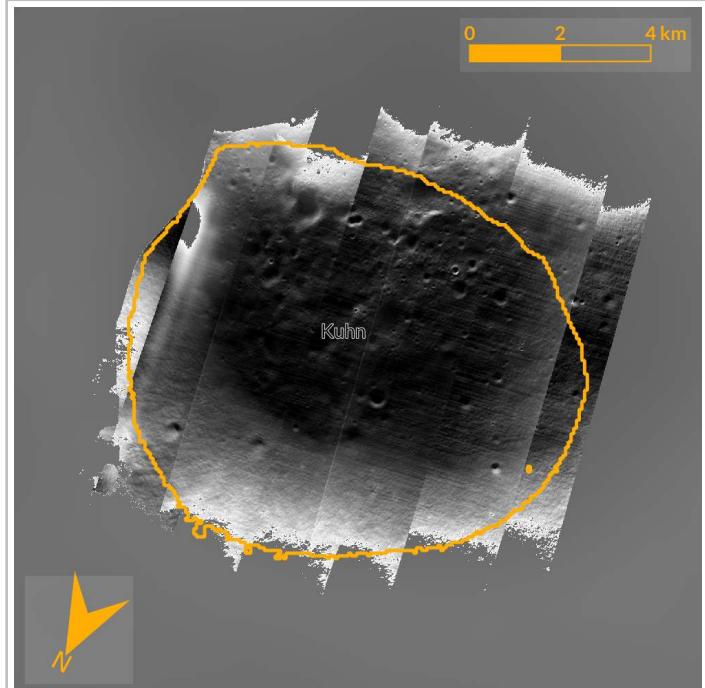
Features of Interest:

Notes: Dark crater floor

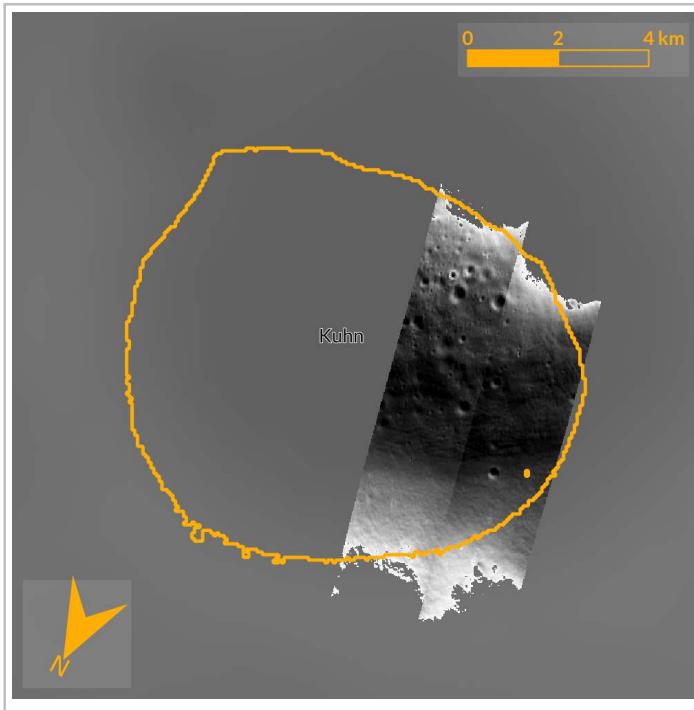
Image Lists: lroc.sese.asu.edu/psr/SP_843960_2077750



SP_843960_2077750_WAC_Color_Shade_context



SP_843960_2077750_2012-231

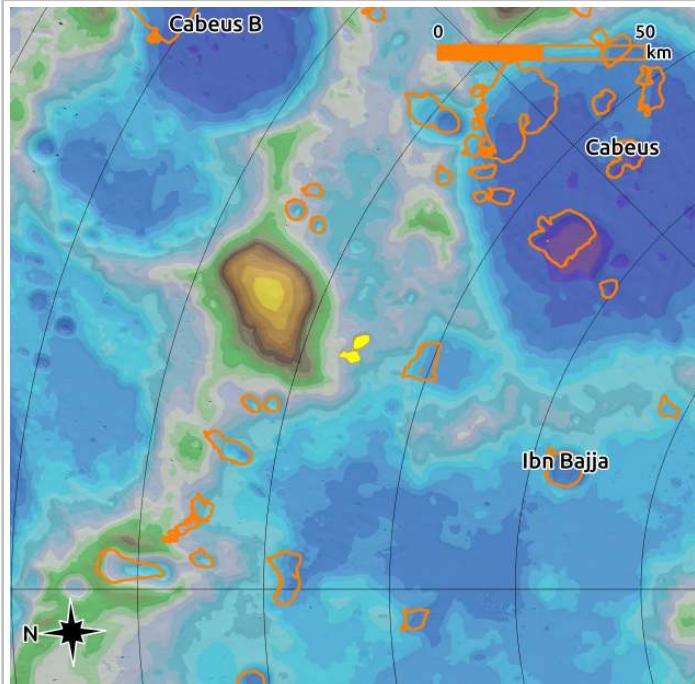


SP_843960_2077750_2012-286

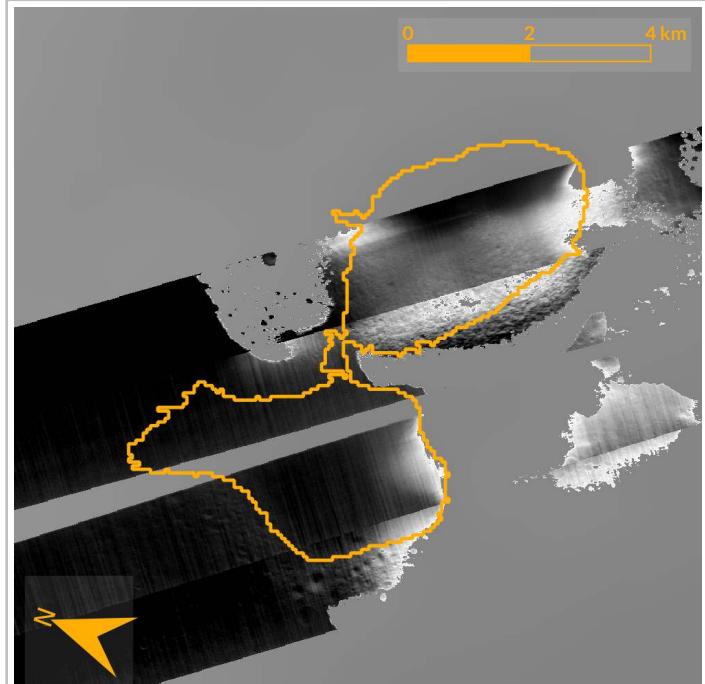
SP_843980_2899650

Lunar Features: Cabeus Crater, Ibn Baja
Centroid Latitude: -84.398
Centroid Longitude: 289.965
Area (km²): 19.77
Perimeter (km): 39.36
Pixel Scale Range (m): 10-20
Coverage (%): 50

Features of Interest:
Notes: Blurry images
Image Lists: lroc.sese.asu.edu/psr/SP_843980_2899650



SP_843980_2899650_WAC_Color_Shade_context

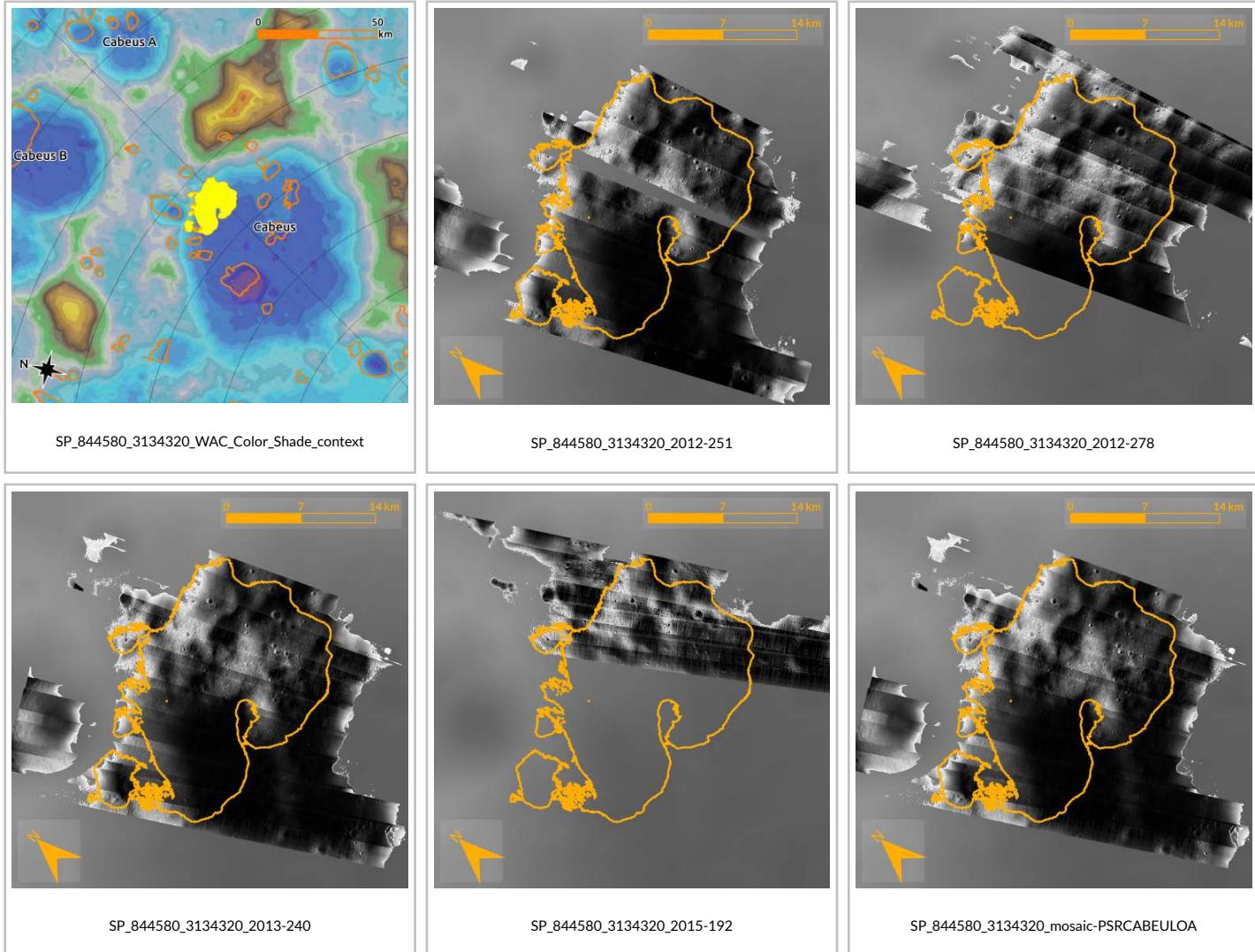


SP_843980_2899650_2015-167

SP_844580_3134320

Lunar Features: Cabeus Crater
Centroid Latitude: -84.458
Centroid Longitude: 313.432
Area (km²): 315.03
Perimeter (km): 340.92
Pixel Scale Range (m): 5-20
Coverage (%): 95

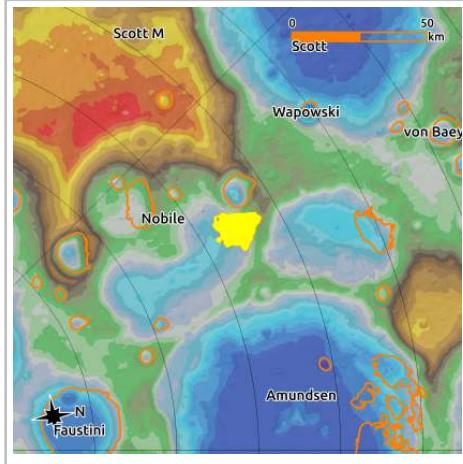
Features of Interest:
Notes: Hummocky terrain
Image Lists: lroc.sese.asu.edu/psr/SP_844580_3134320



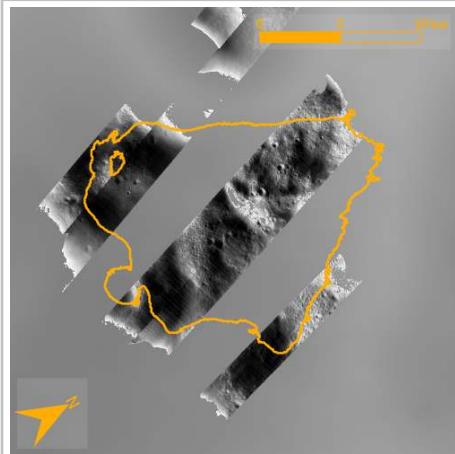
SP_845510_0602900

Lunar Features: Nobile Crater, Amundsen Crater
Centroid Latitude: -84.551
Centroid Longitude: 60.29
Area (km²): 182.27
Perimeter (km): 114.12
Pixel Scale Range (m): 9-20
Coverage (%): 90

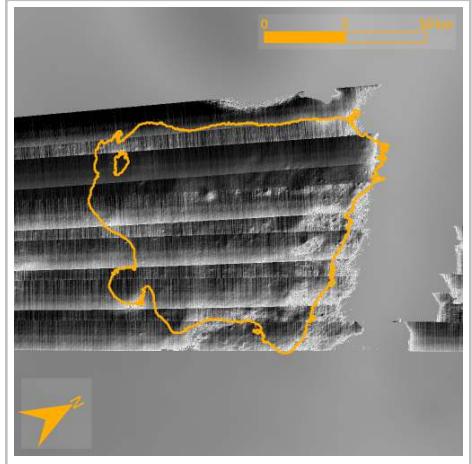
Features of Interest: 2012-270 (M1103290028R): 59.915, -84.525 (S889 L606) - high reflectance wall of crater & 2013-259 (M1133941719L): 61.859, -84.465 (S708 L866) - high reflectance feature
Notes: Terracing on crater wall
Image Lists: lroc.sese.asu.edu/psr/SP_845510_0602900



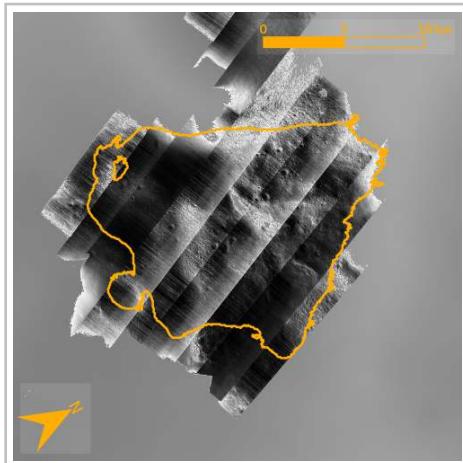
SP_845510_0602900_WAC_Color_Shade_context



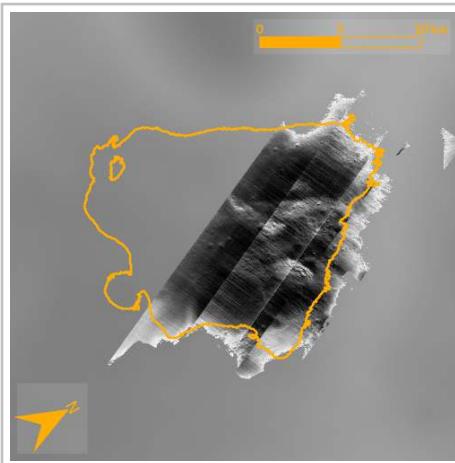
SP_845510_0602900_2012-270



SP_845510_0602900_2013-132



SP_845510_0602900_2013-259

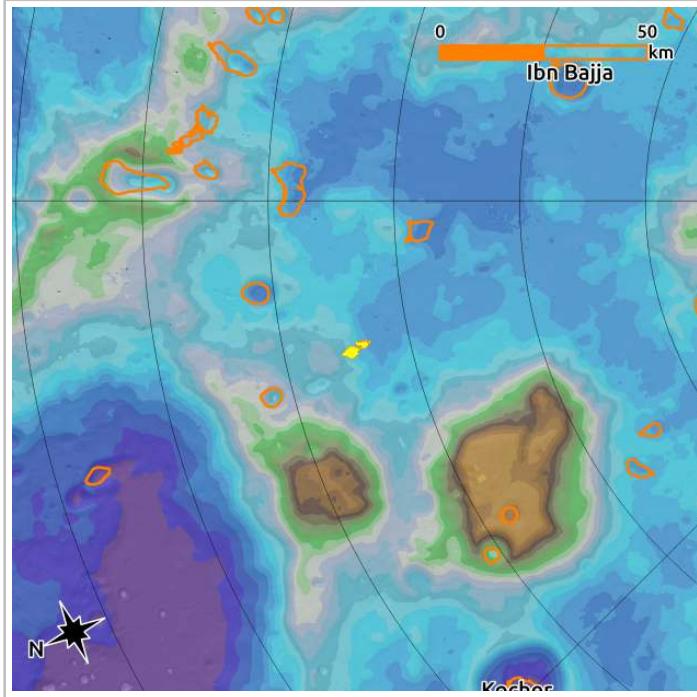


SP_845510_0602900_2014-221

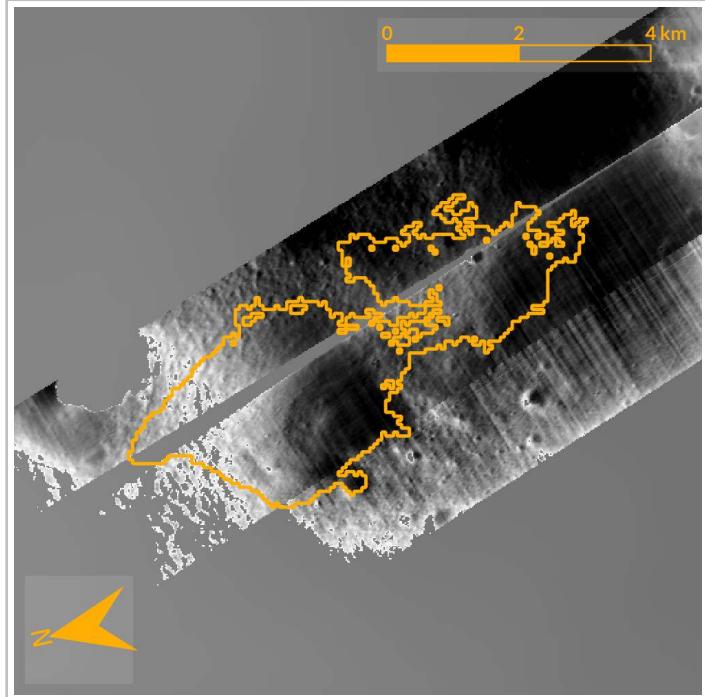
SP_845640_2574190

Lunar Features: Ash brook Crater Ibn Bajja Crater
Centroid Latitude: -84.564
Centroid Longitude: 257.419
Area (km²): 12.82
Perimeter (km): 56.88
Pixel Scale Range (m): 20-20
Coverage (%): 80

Features of Interest:
Notes: Blurry image
Image Lists: lroc.sese.asu.edu/psr/SP_845640_2574190



SP_845640_2574190_WAC_Color_Shade_context

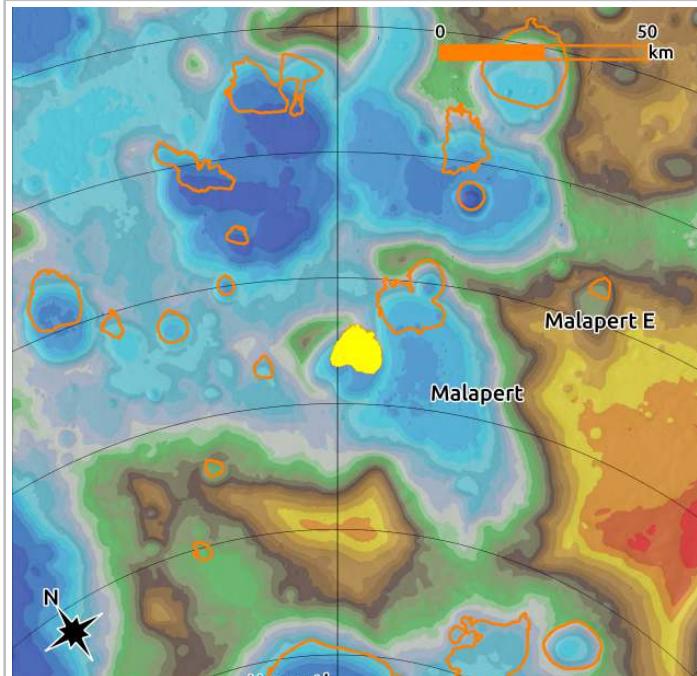


SP_845640_2574190_2012-255

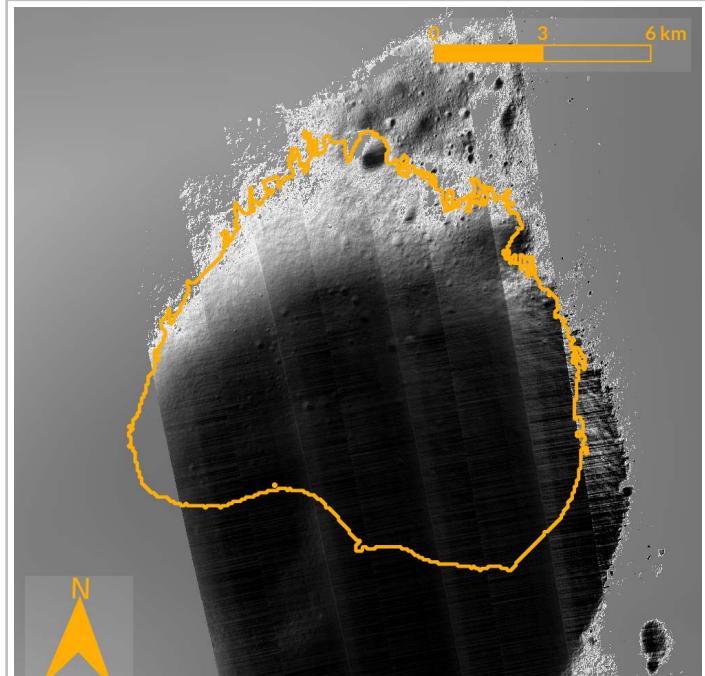
SP_845770_0017070

Lunar Features: Malapert Crater
Centroid Latitude: -84.577
Centroid Longitude: 1.707
Area (km²): 103.73
Perimeter (km): 88.68
Pixel Scale Range (m): 10-20
Coverage (%): 90

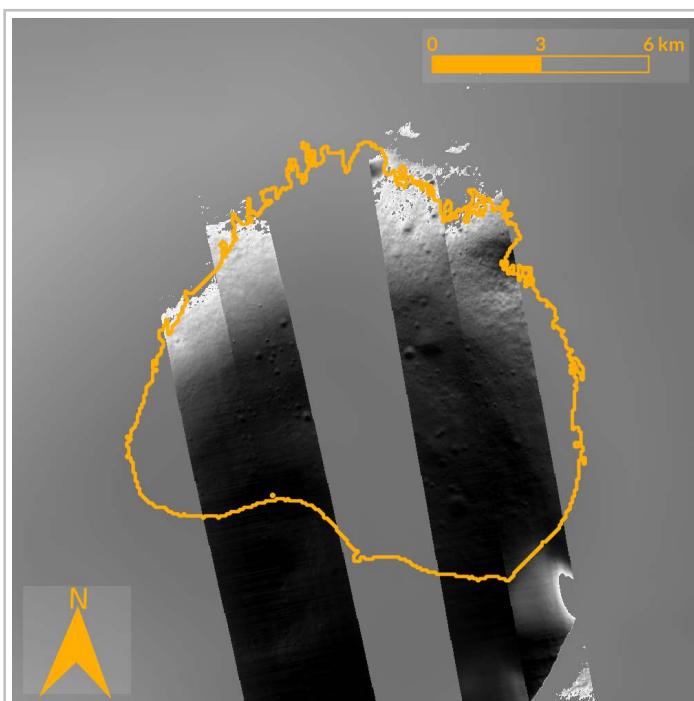
Features of Interest: 2012-274 (M1103632828R): 357.251, -84.524 (S846 L4392) - melty dark crater floor
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_845770_0017070



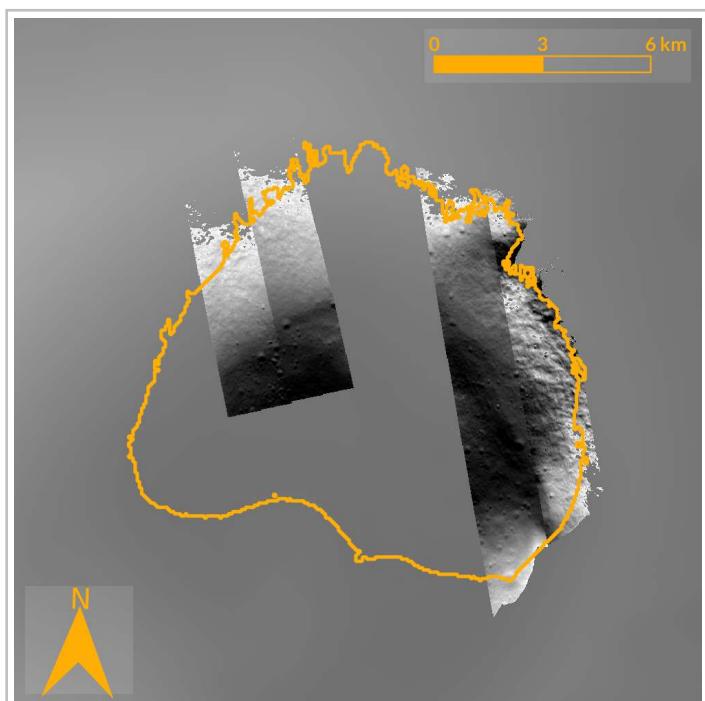
SP_845770_0017070_WAC_Color_Shade_context



SP_845770_0017070_2012-219



SP_845770_0017070_2012-247



SP_845770_0017070_2012-274

SP_846040_3080410

Lunar Features: Cabeus Crater

Centroid Latitude: -84.604

Centroid Longitude: 308.041

Area (km²): 13.58

Perimeter (km): 46.32

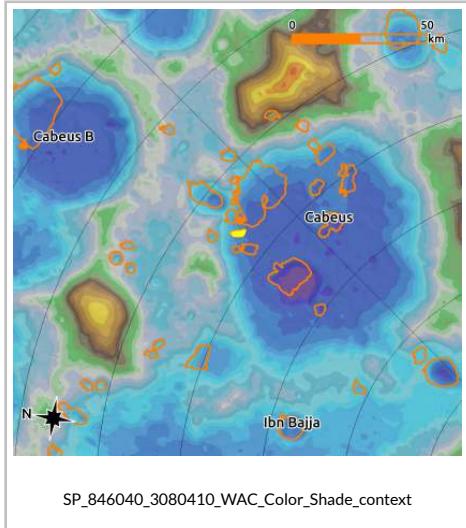
Pixel Scale Range (m): 10-20

Coverage (%): 90

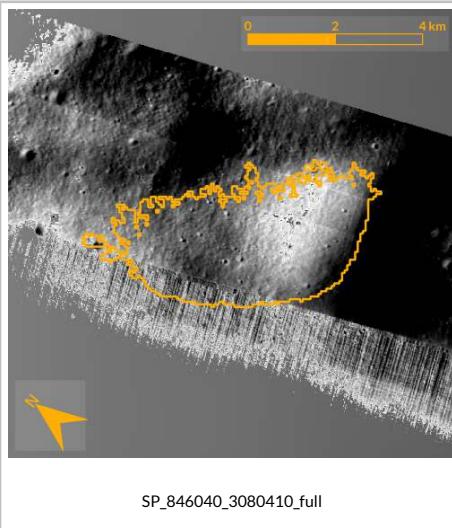
Features of Interest:

Notes:

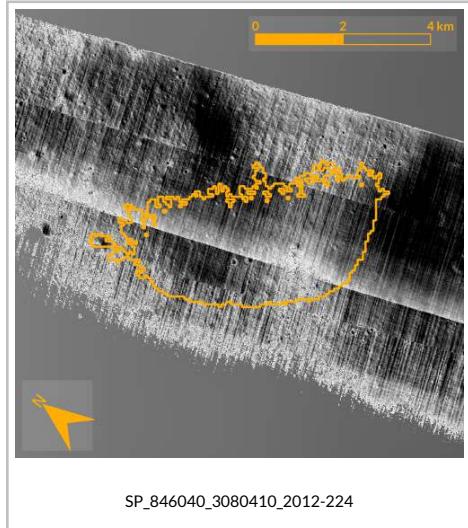
Image Lists: lroc.sese.asu.edu/psr/SP_846040_3080410



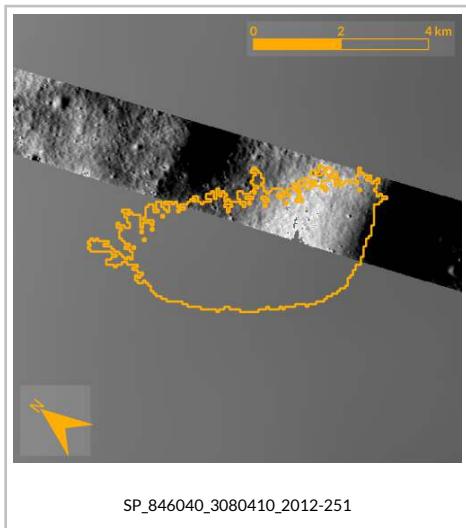
SP_846040_3080410_WAC_Color_Shade_context



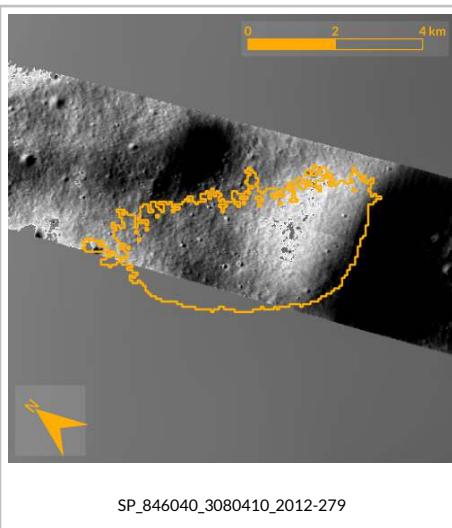
SP_846040_3080410_full



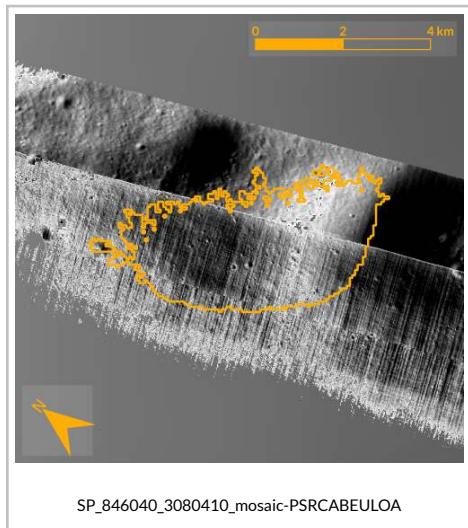
SP_846040_3080410_2012-224



SP_846040_3080410_2012-251



SP_846040_3080410_2012-279

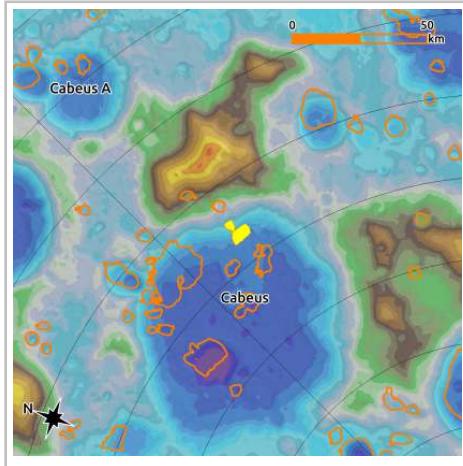


SP_846040_3080410_mosaic-PSRCABEULOA

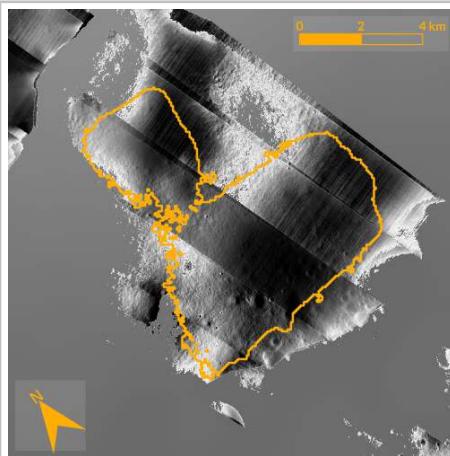
SP_846070_3232410

Lunar Features: Cabeus Crater
Centroid Latitude: -84.607
Centroid Longitude: 323.241
Area (km²): 43.20
Perimeter (km): 79.56
Pixel Scale Range (m): 9-20
Coverage (%): 95

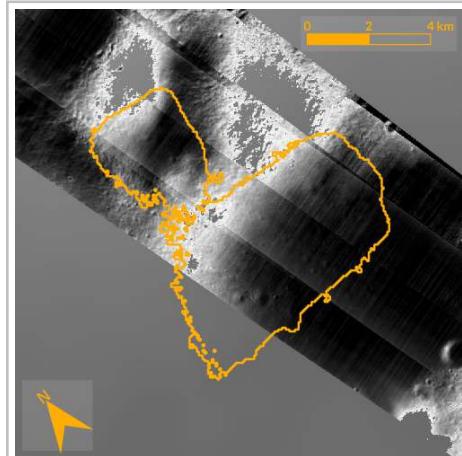
Features of Interest: 2012-223 (M1099217987L): 322.463, -84.609 (S2589 L1786) - craters with high reflectance
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_846070_3232410



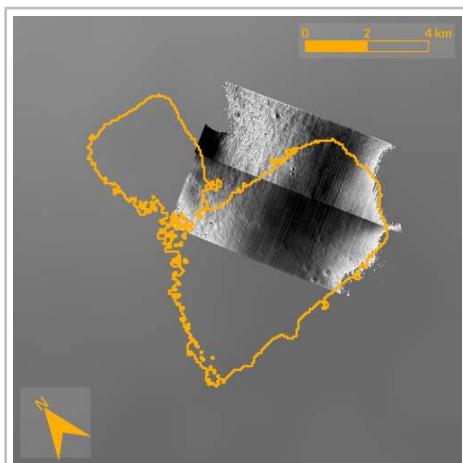
SP_846070_3232410_WAC_Color_Shade_context



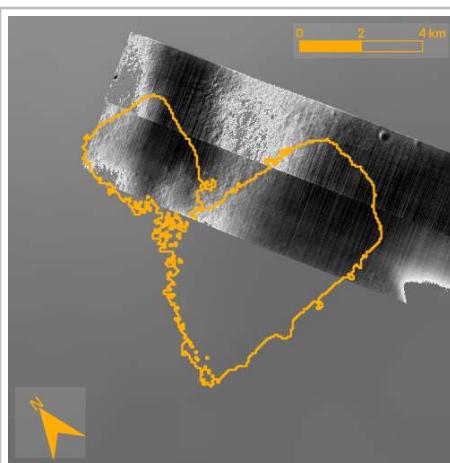
SP_846070_3232410_2012-223



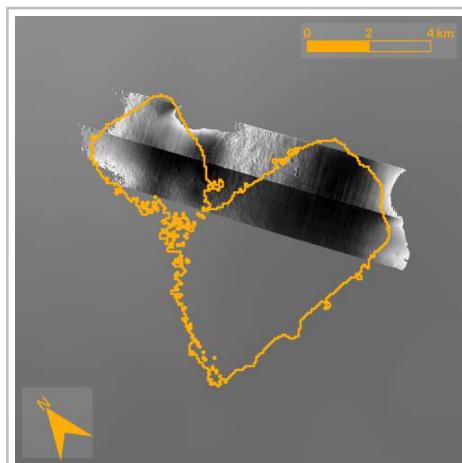
SP_846070_3232410_2012-250



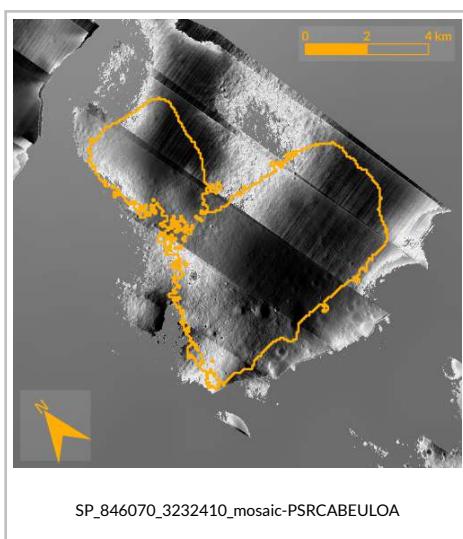
SP_846070_3232410_2014-202



SP_846070_3232410_2014-229



SP_846070_3232410_2015-191

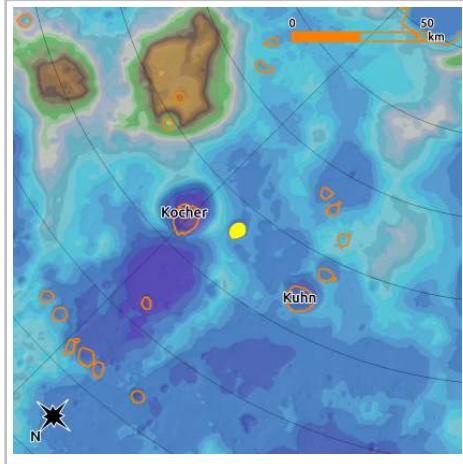


SP_846070_3232410_mosaic-PSRCABEULOA

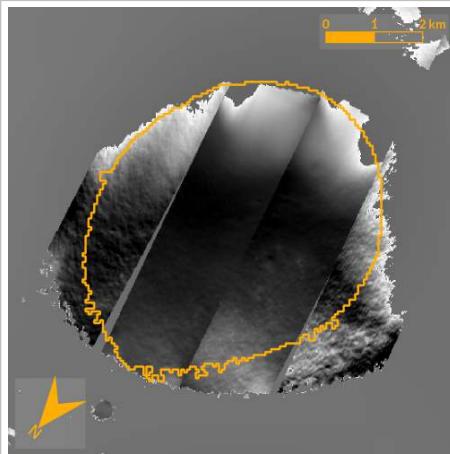
SP_846740_2192870

Lunar Features: Kocher Crater, Kuhn Crater
Centroid Latitude: -84.674
Centroid Longitude: 219.287
Area (km²): 28.84
Perimeter (km): 30.96
Pixel Scale Range (m): 10-20
Coverage (%): 85

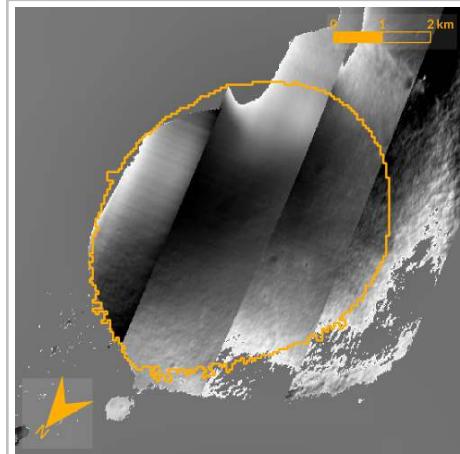
Features of Interest: 2013-192 (M1128161294R): 218, 729, -84.684 (S368 L1183) - small crater with high reflectance
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_846740_2192870



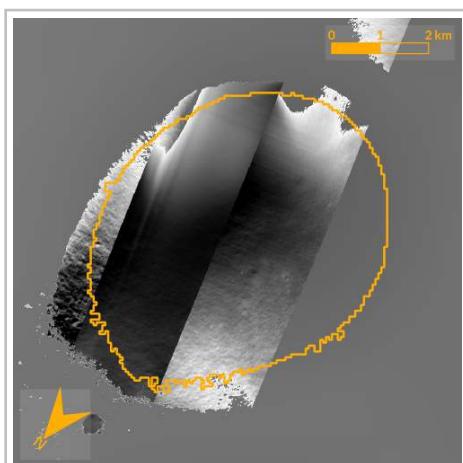
SP_846740_2192870_WAC_Color_Shade_context



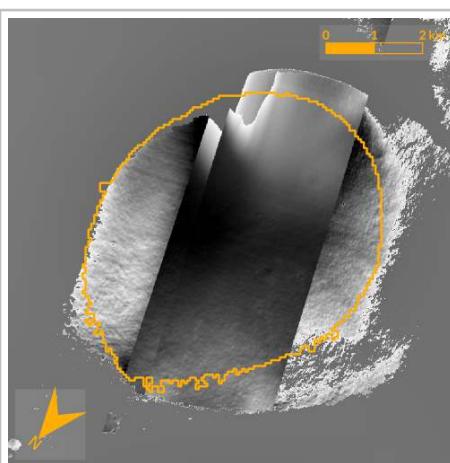
SP_846740_2192870_2012-257



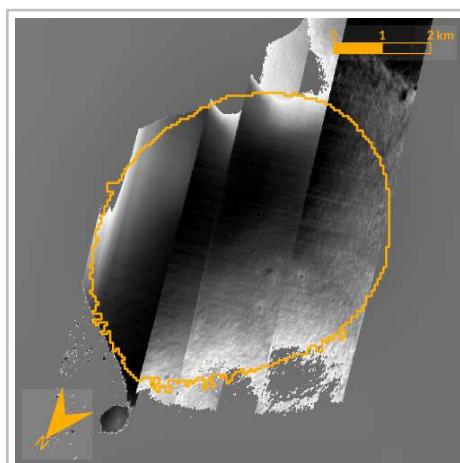
SP_846740_2192870_2013-192



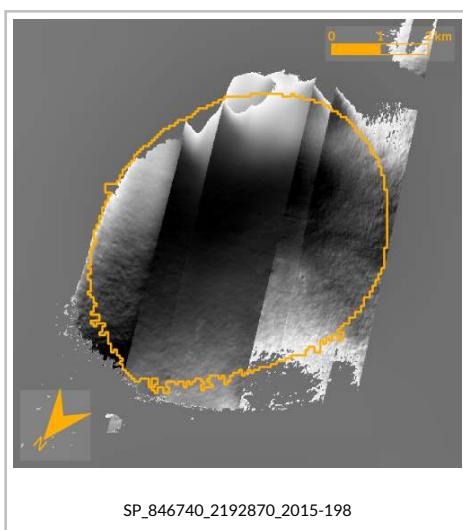
SP_846740_2192870_2013-219



SP_846740_2192870_2014-209



SP_846740_2192870_2015-171

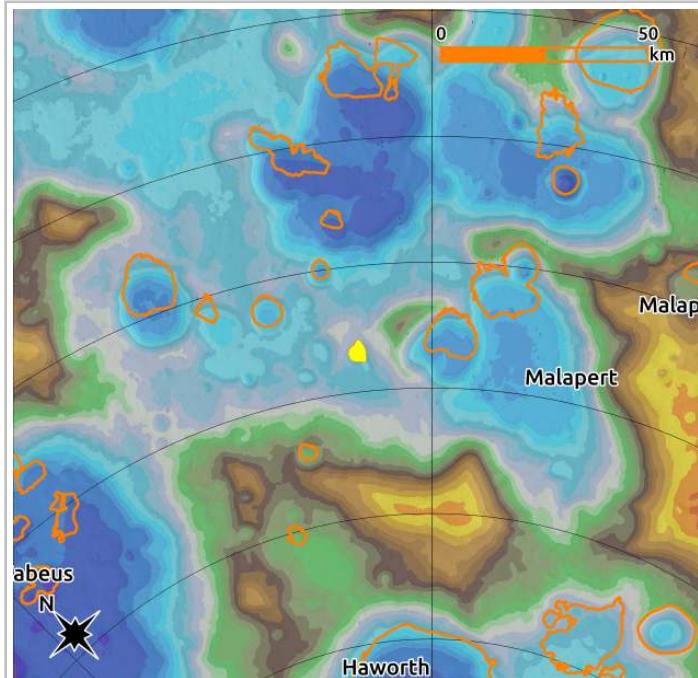


SP_846740_2192870_2015-198

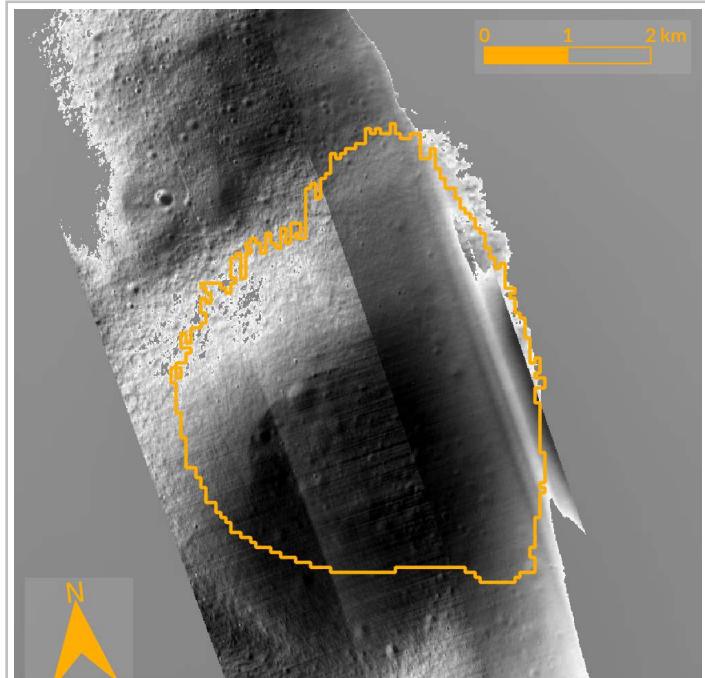
SP_846850_3536460

Lunar Features: Malapert Crater,
Centroid Latitude: -84.685
Centroid Longitude: 353.646
Area (km²): 17.35
Perimeter (km): 26.16
Pixel Scale Range (m): 10-20
Coverage (%): 90

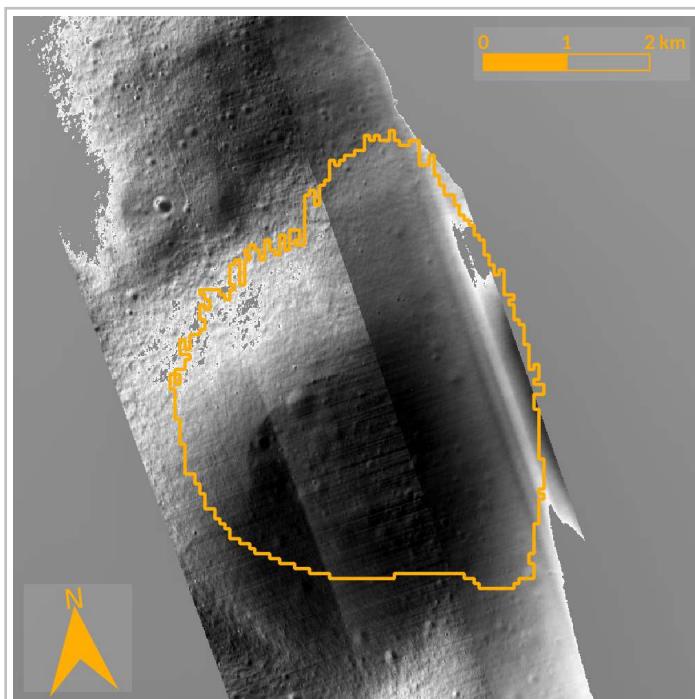
Features of Interest:
Notes: Dark crater floor
Image Lists: lroc.sese.asu.edu/psr/SP_846850_3536460



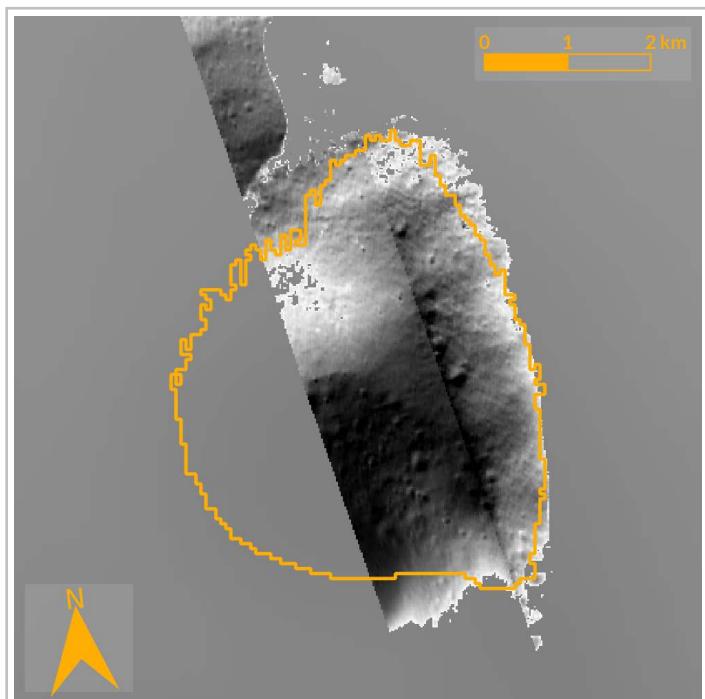
SP_846850_3536460_WAC_Color_Shade_context



SP_846850_3536460_full



SP_846850_3536460_2012-220

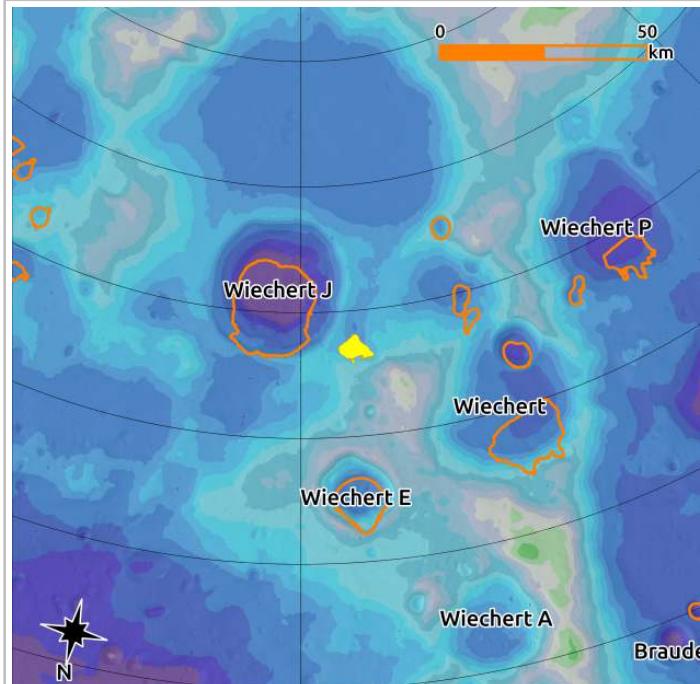


SP_846850_3536460_2012-247

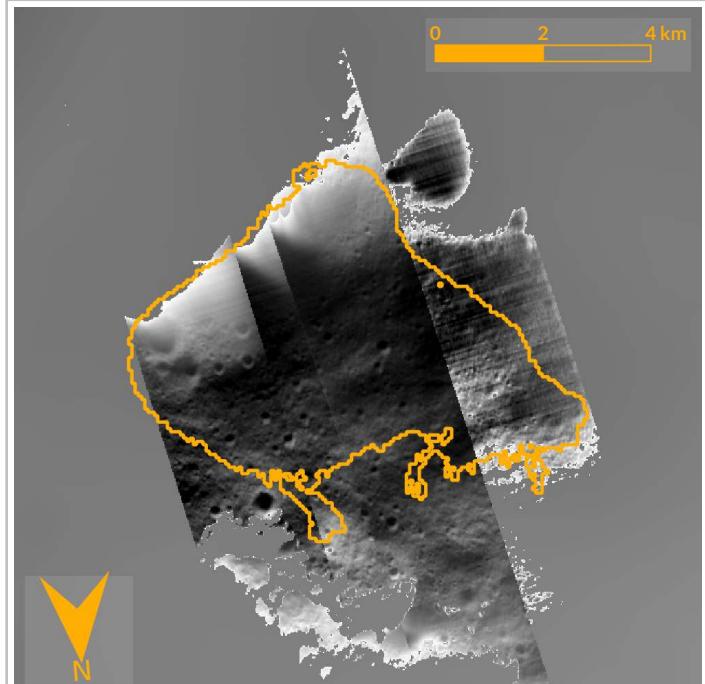
SP_846940_1753570

Lunar Features: Wiechert J, Wiechert E
Centroid Latitude: -84.694
Centroid Longitude: 175.357
Area (km²): 30.43
Perimeter (km): 52.44
Pixel Scale Range (m): 10-20
Coverage (%): 80

Features of Interest:
Notes: Blurry images
Image Lists: lroc.sese.asu.edu/psr/SP_846940_1753570



SP_846940_1753570_WAC_Color_Shade_context



SP_846940_1753570_2012-261

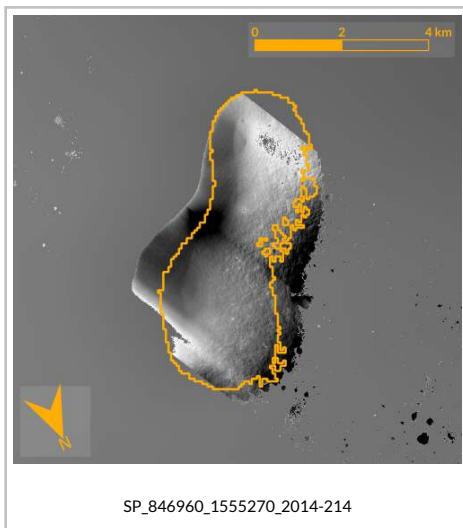
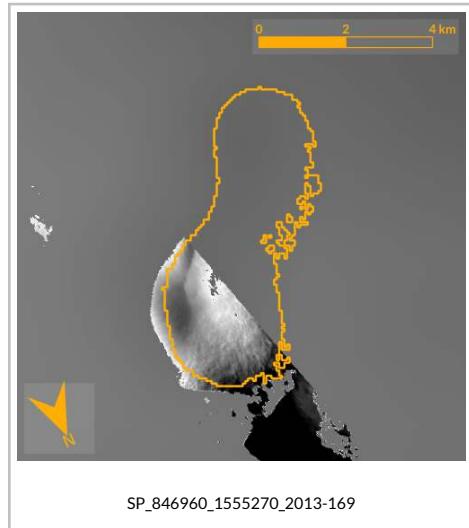
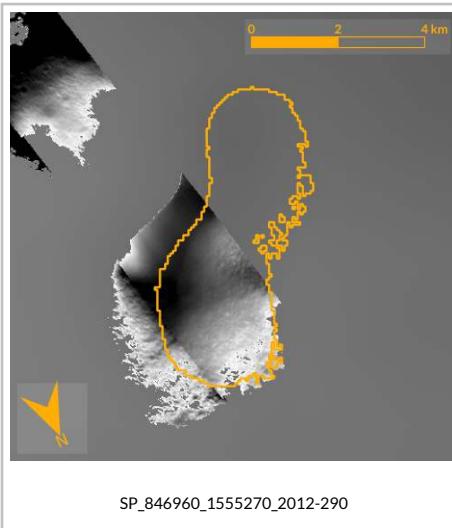
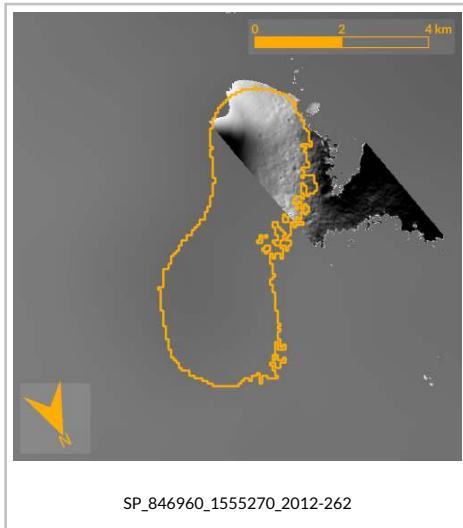
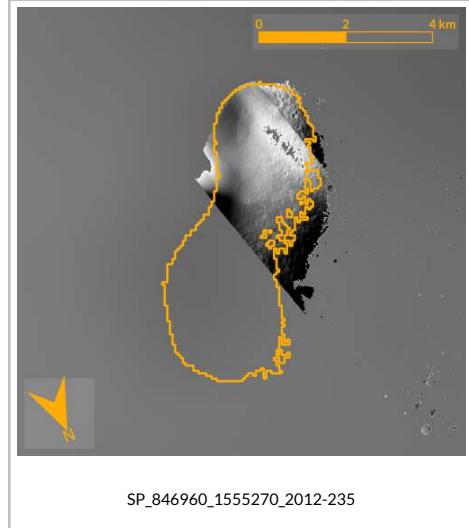
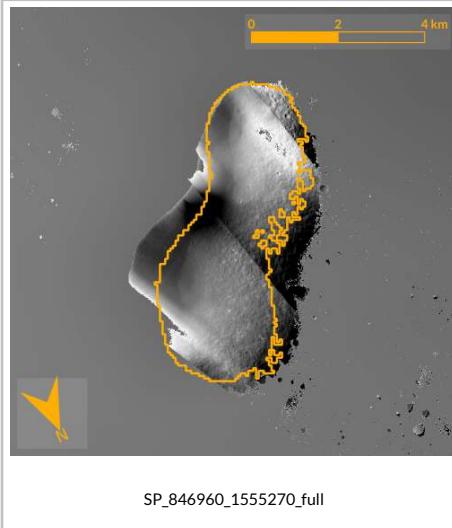
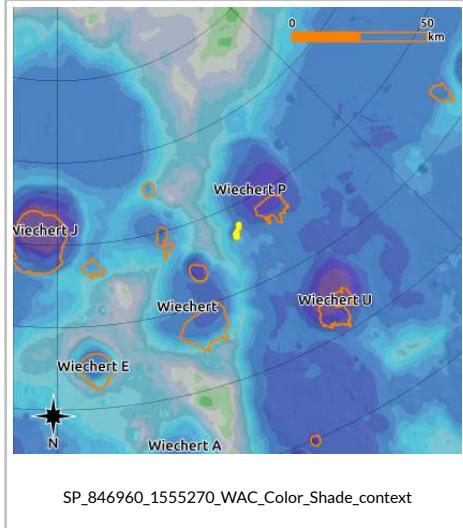


SP_846940_1753570_2015-174

SP_846960_1555270

Lunar Features: Wiechert P, Wiechert Crater
Centroid Latitude: -84.696
Centroid Longitude: 155.527
Area (km²): 15.11
Perimeter (km): 35.04
Pixel Scale Range (m): 5-20
Coverage (%): 90

Features of Interest: 2012-235 (M1100282609R): 155.096, -84.756 (S949 L1087) - some craters with high reflectance
Notes: Smooth terrain
Image Lists: lroc.sese.asu.edu/psr/SP_846960_1555270



SP_847550_1500770

Lunar Features: , Wiechert P

Centroid Latitude: -84.755

Centroid Longitude: 150.077

Area (km²): 72.86

Perimeter (km): 98.04

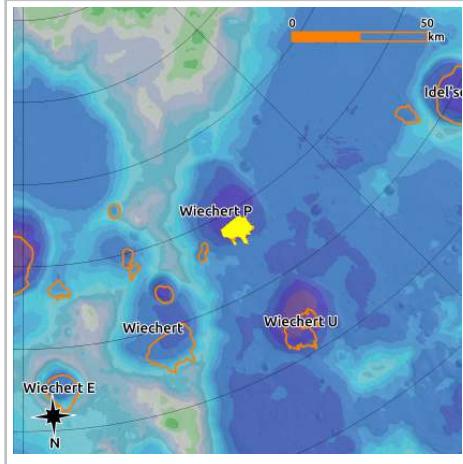
Pixel Scale Range (m): 5-20

Coverage (%): 100

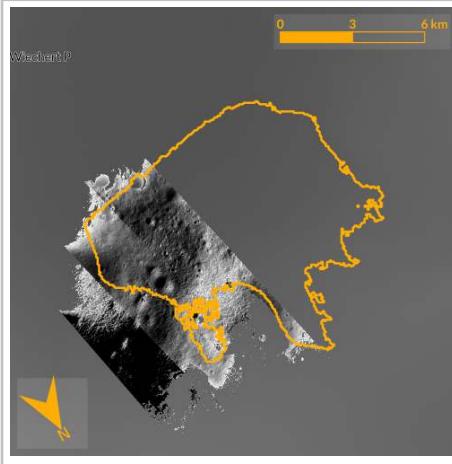
Features of Interest: 2012-263 (M1102682806R): 149.832, -84.791 (S827 L791) - heavily cratered terrain

Notes:

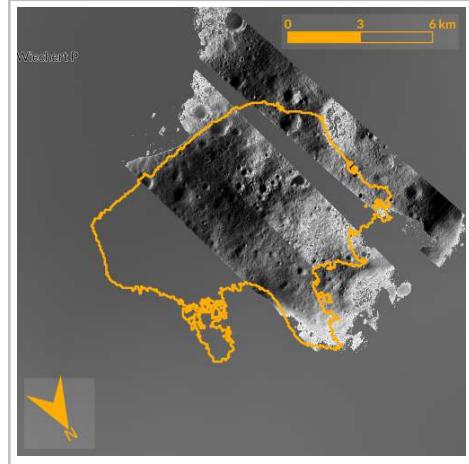
Image Lists: lroc.sese.asu.edu/psr/SP_847550_1500770



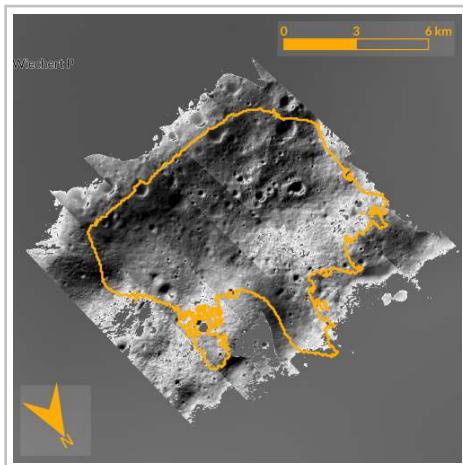
SP_847550_1500770_WAC_Color_Shade_context



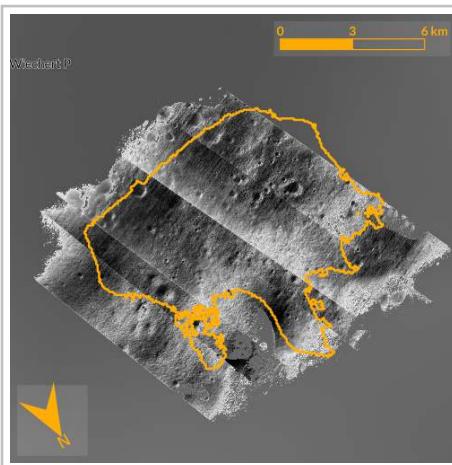
SP_847550_1500770_2012-235



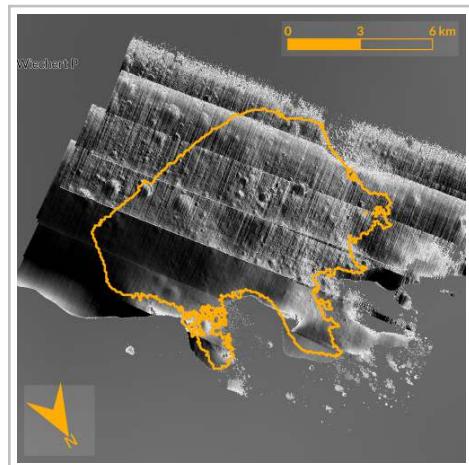
SP_847550_1500770_2012-236



SP_847550_1500770_2012-263



SP_847550_1500770_2013-252

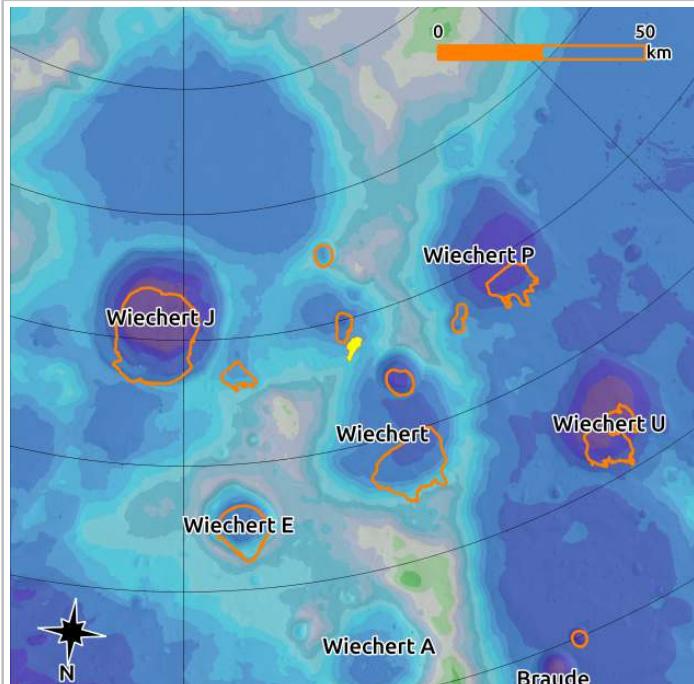


SP_847550_1500770_2015-177

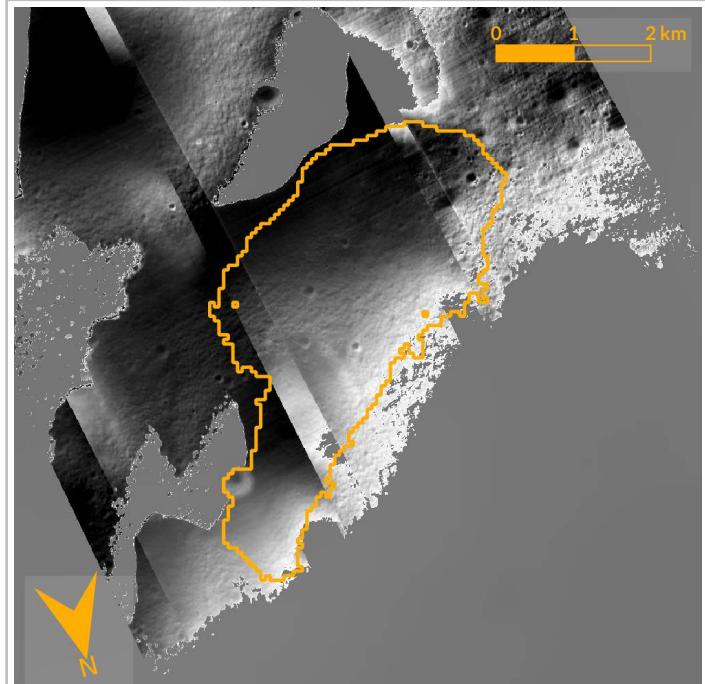
SP_847720_1650130

Lunar Features: Wiechert J Wiechert P
Centroid Latitude: -84.772
Centroid Longitude: 165.013
Area (km²): 11.59
Perimeter (km): 24.24
Pixel Scale Range (m): 10-20
Coverage (%): 85

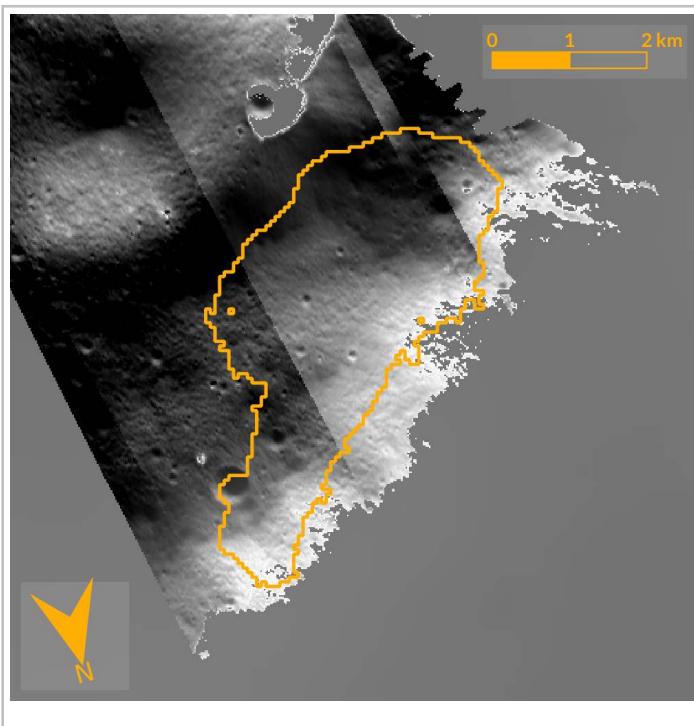
Features of Interest:
Notes: Blurry images
Image Lists: lroc.sese.asu.edu/psr/SP_847720_1650130



SP_847720_1650130_WAC_Color_Shade_context



SP_847720_1650130_2012-234

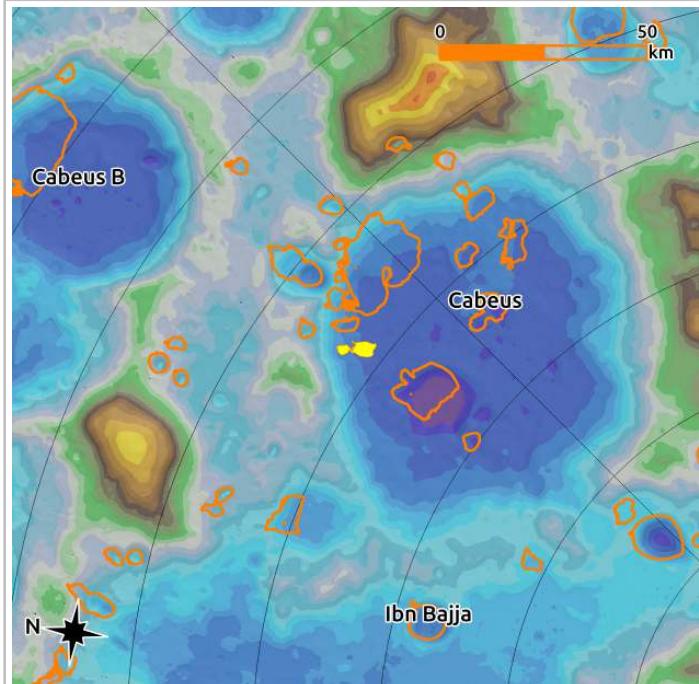


SP_847720_1650130_2012-289

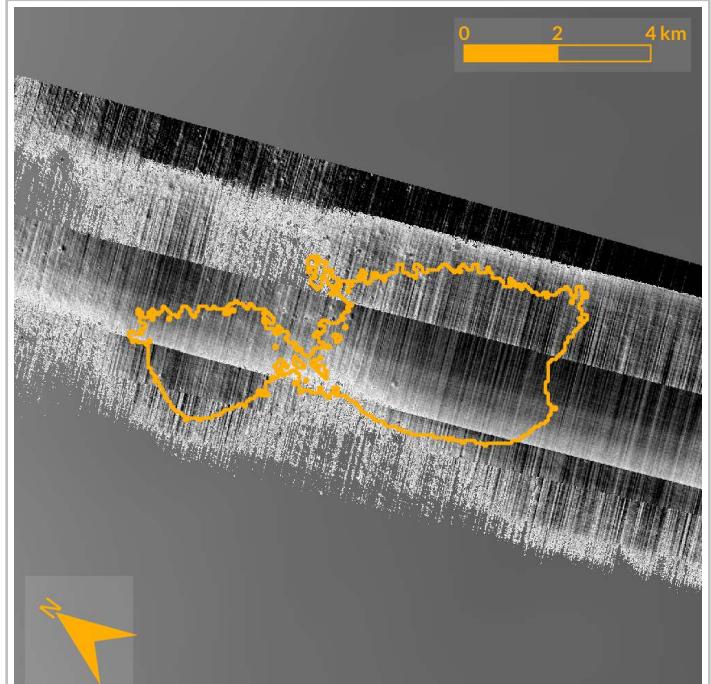
SP_847970_3070080

Lunar Features: Cabeus Crater
Centroid Latitude: -84.797
Centroid Longitude: 307.008
Area (km²): 22.63
Perimeter (km): 61.56
Pixel Scale Range (m): 20-20
Coverage (%): 90

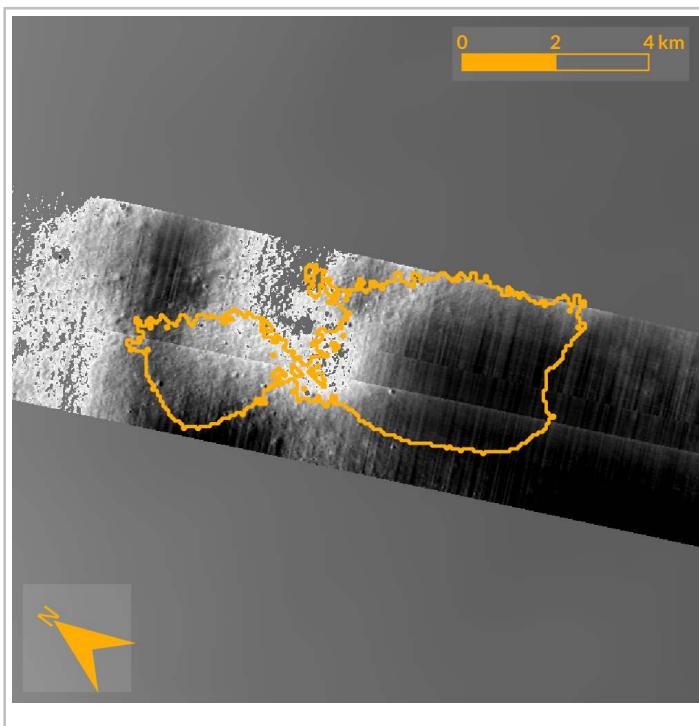
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_847970_3070080



SP_847970_3070080_WAC_Color_Shade_context



SP_847970_3070080_2012-224



SP_847970_3070080_2012-279

SP_848000_2061800

Lunar Features: Kuhn Crater

Centroid Latitude: -84.8

Centroid Longitude: 206.18

Area (km²): 20.62

Perimeter (km): 37.2

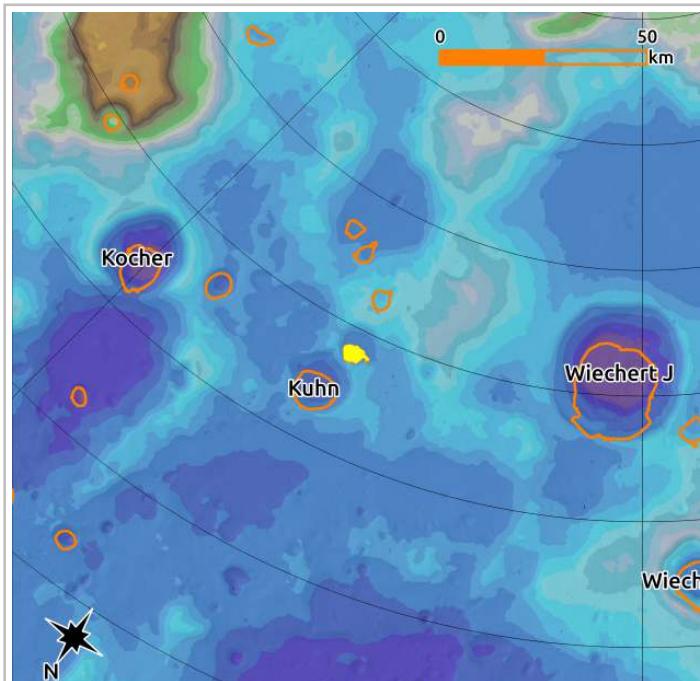
Pixel Scale Range (m): 10-20

Coverage (%): 100

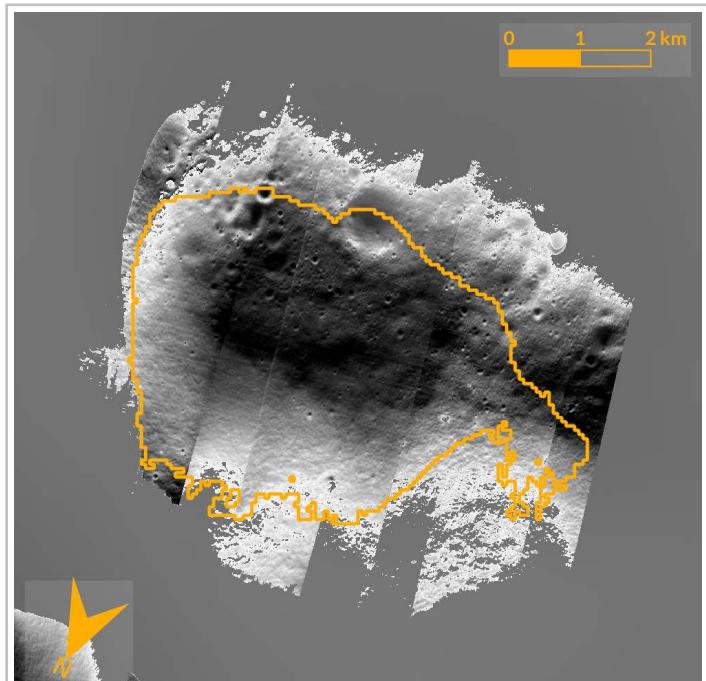
Features of Interest: 2012-231 (M1099932510L): 205.473, -84.800 (S2572 L5739) - crater with high reflectance, (M1099932510R): 206.163, -84.859 (S2693 L5540) - high reflectance on rim of crater, & (M1099925417R): 206.82, -84.845 (S746 L13589) - oblong crater with a crater with high reflectance on rim

Notes: Dark crater floor with high concentration of craters

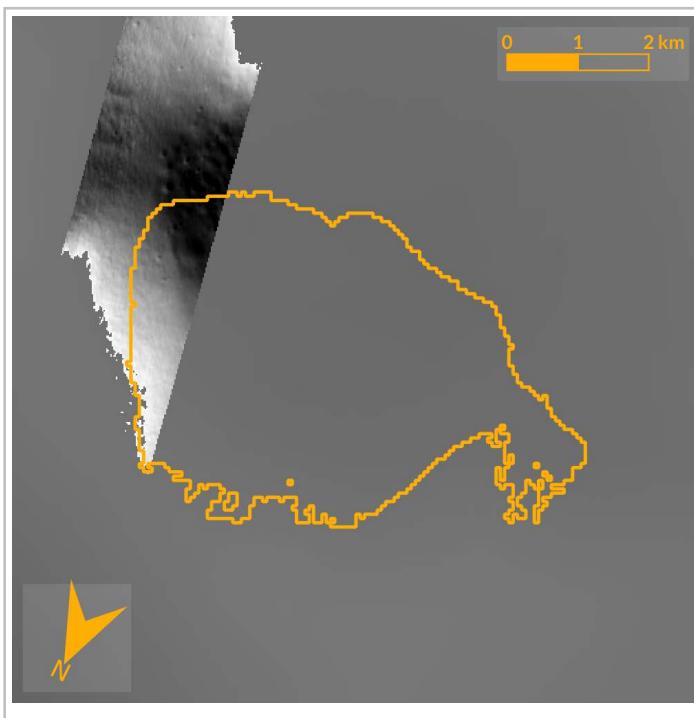
Image Lists: lroc.sese.asu.edu/psr/SP_848000_2061800



SP_848000_2061800_WAC_Color_Shade_context



SP_848000_2061800_2012-231

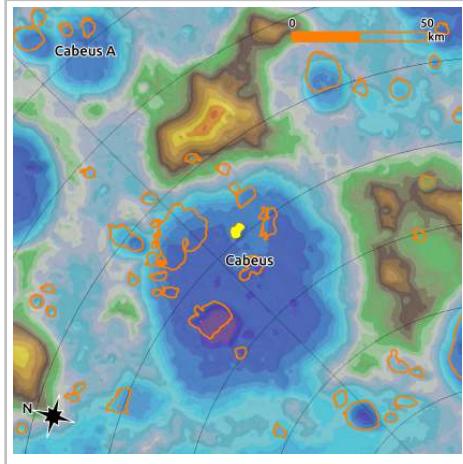


SP_848000_2061800_2012-286

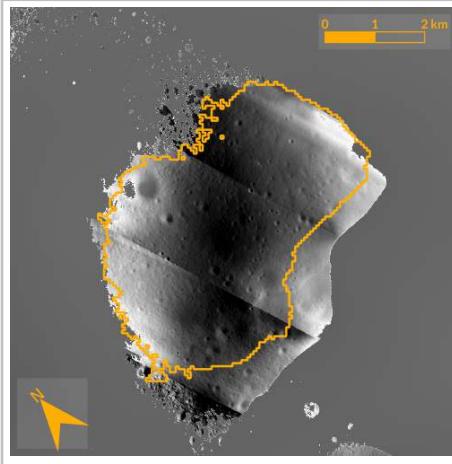
SP_849040_3196480

Lunar Features: Cabeus Crater
Centroid Latitude: -84.904
Centroid Longitude: 319.648
Area (km²): 19.48
Perimeter (km): 34.44
Pixel Scale Range (m): 10-20
Coverage (%): 90

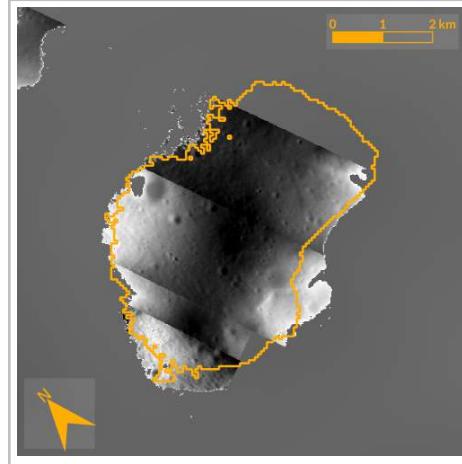
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_849040_3196480



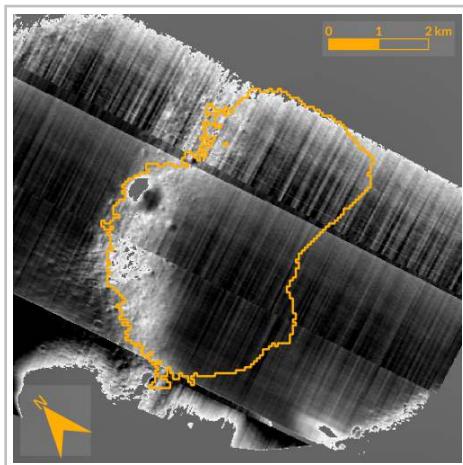
SP_849040_3196480_WAC_Color_Shade_context



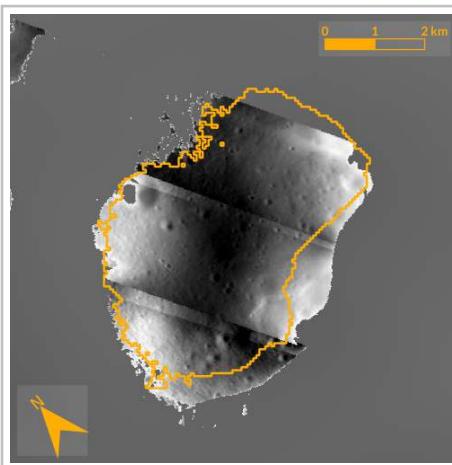
SP_849040_3196480_2012-223



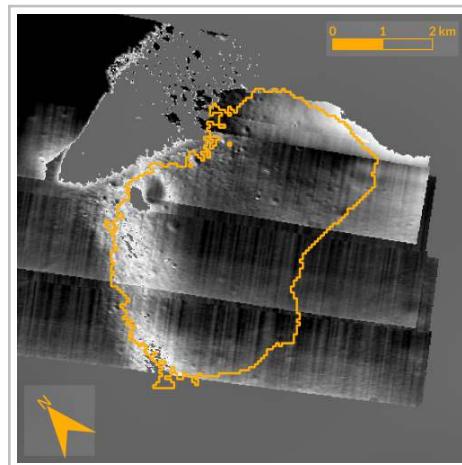
SP_849040_3196480_2012-251



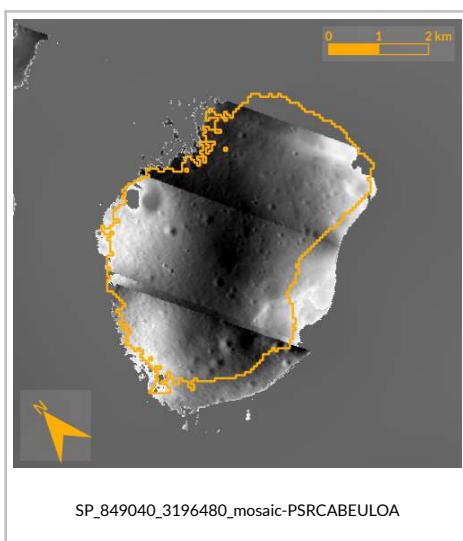
SP_849040_3196480_2012-278



SP_849040_3196480_2013-240



SP_849040_3196480_2015-192



SP_849040_3196480_mosaic-PSRCABEULOA

SP_849230_2362280

Lunar Features: Kocher Crater

Centroid Latitude: -84.923

Centroid Longitude: 236.228

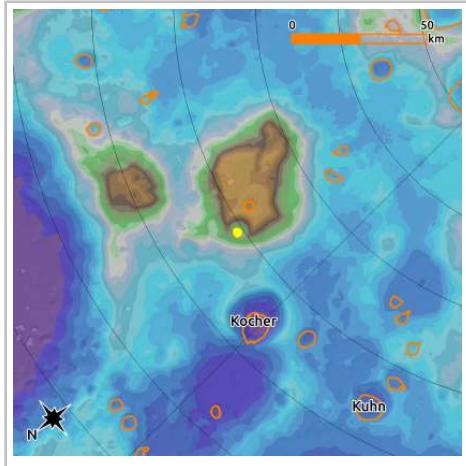
Area (km²): 10.38

Perimeter (km): 16.8

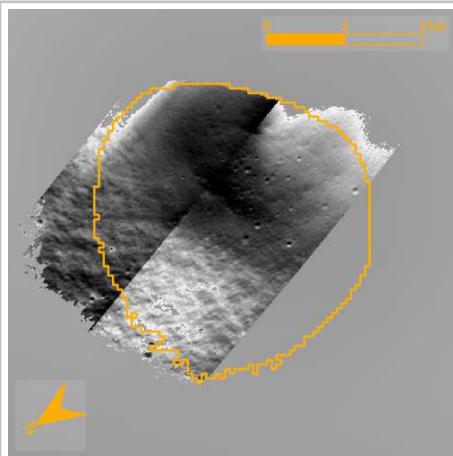
Pixel Scale Range (m): 9-10

Coverage (%): 85

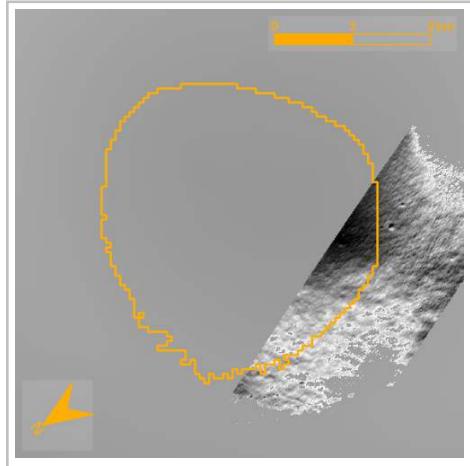
Features of Interest: 2014-208 (M1161075656L) : 236.370, -84.942 (S358 L1385) - melty dark crater floor and 236.041, -84.898 (S296 L1585) crater wall with high reflectance
Notes: High albedo crater wall
Image Lists: lroc.sese.asu.edu/psr/SP_849230_2362280



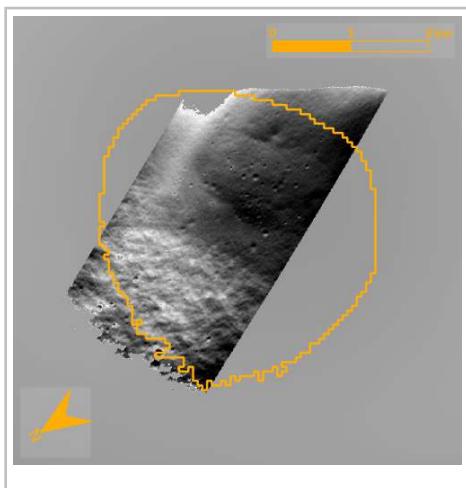
SP_849230_2362280_WAC_Color_Shade_context



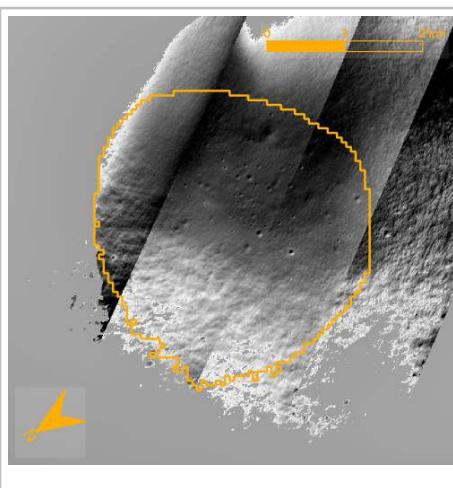
SP_849230_2362280_2012-229



SP_849230_2362280_2013-218



SP_849230_2362280_2014-208



SP_849230_2362280_2016-159

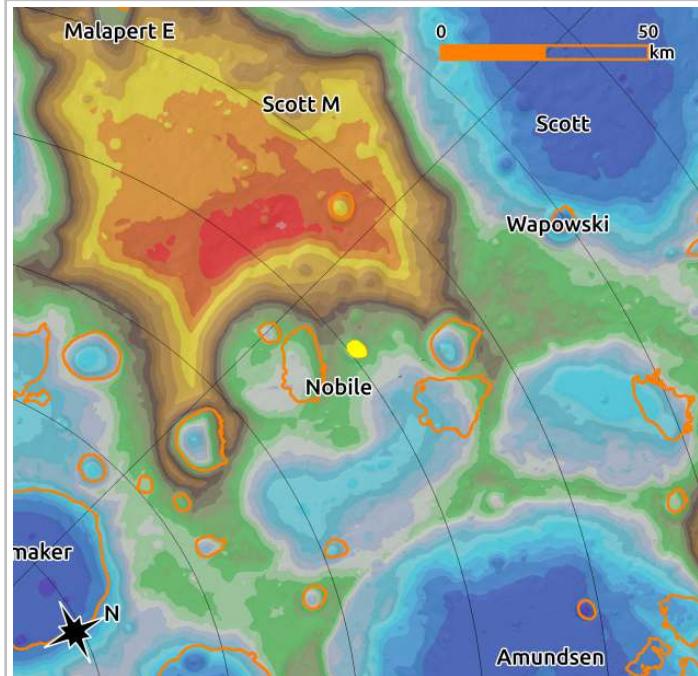
SP_849420_0518590

Lunar Features: Nobile Crater,
Centroid Latitude: -84.942
Centroid Longitude: 51.859
Area (km²): 16.57
Perimeter (km): 22.2
Pixel Scale Range (m): 1-20
Coverage (%): 75

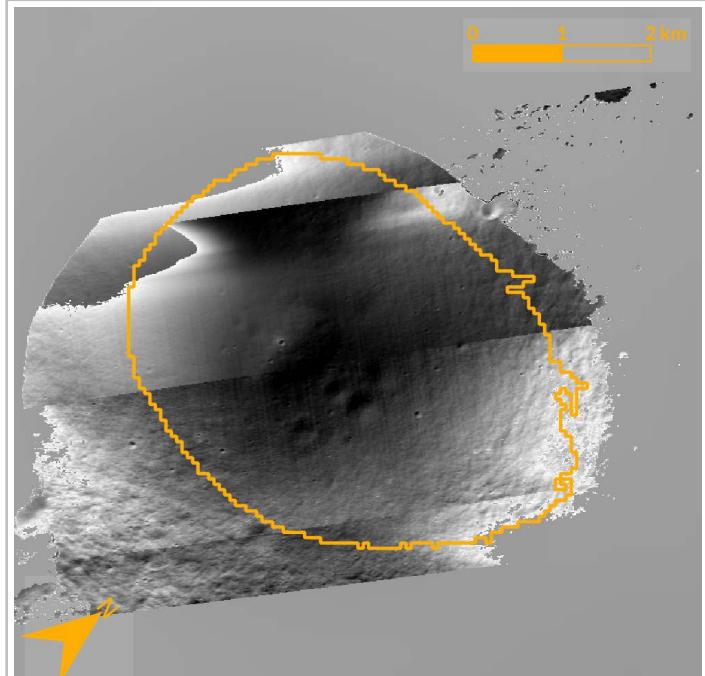
Features of Interest:

Notes:

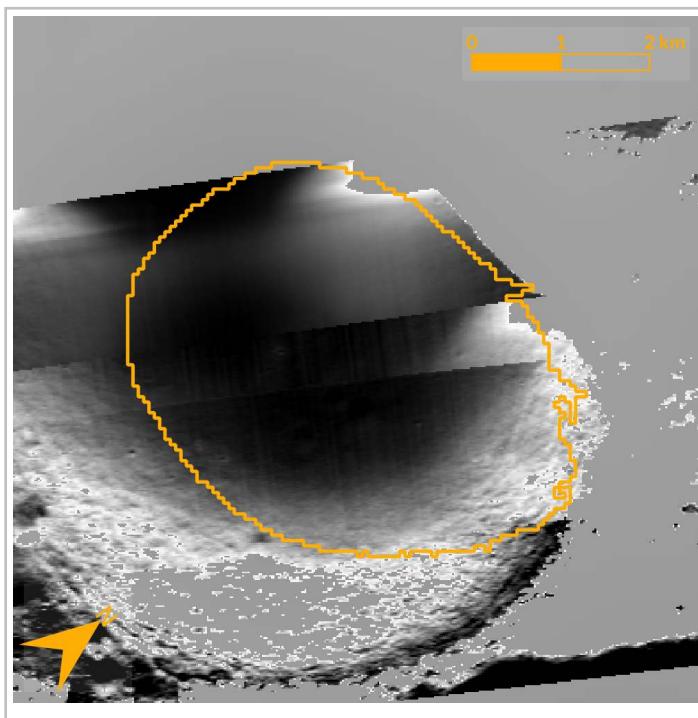
Image Lists: lroc.sese.asu.edu/psr/SP_849420_0518590



SP_849420_0518590_WAC_Color_Shade_context



SP_849420_0518590_2013-133

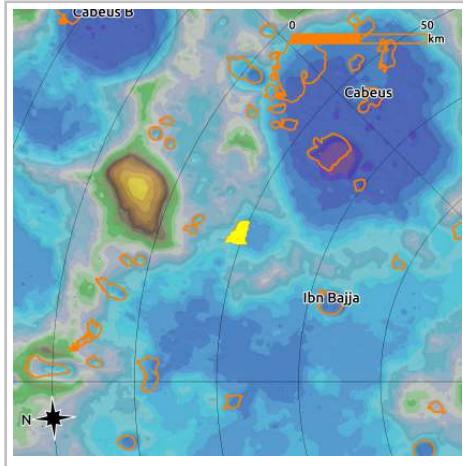


SP_849420_0518590_2013-160

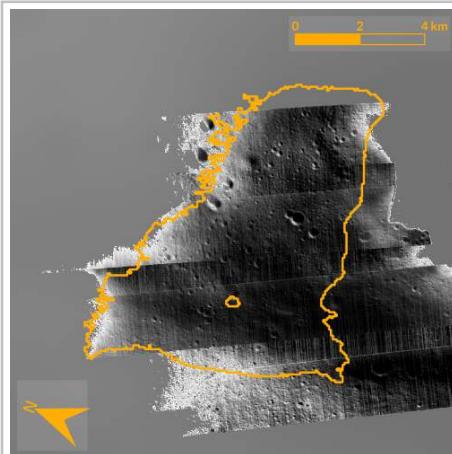
SP_849430_2908700

Lunar Features: Ibn Bajja Crater, Cabeus Crater
Centroid Latitude: -84.943
Centroid Longitude: 290.87
Area (km²): 49.38
Perimeter (km): 67.32
Pixel Scale Range (m): 10-20
Coverage (%): 95

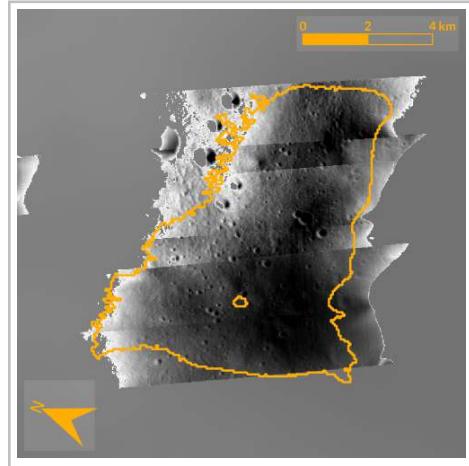
Features of Interest:
Notes: Heavily cratered
Image Lists: lroc.sese.asu.edu/psr/SP_849430_2908700



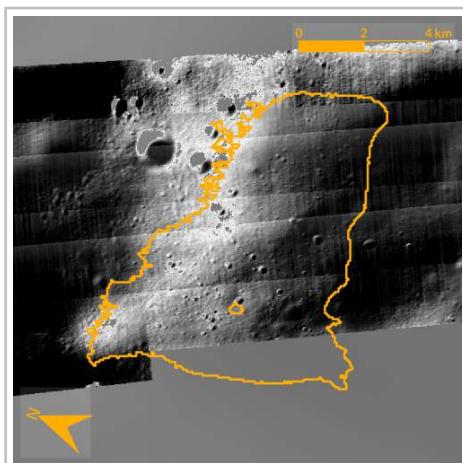
SP_849430_2908700_WAC_Color_Shade_context



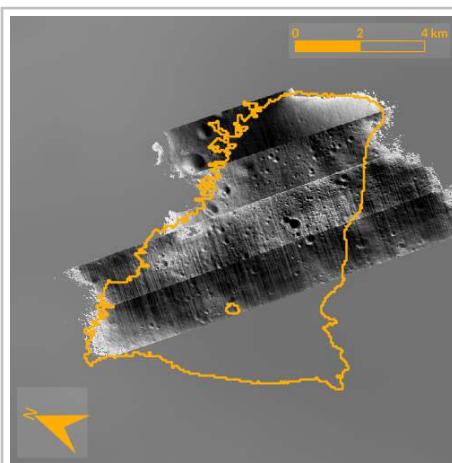
SP_849430_2908700_2012-226



SP_849430_2908700_2012-253



SP_849430_2908700_2012-280

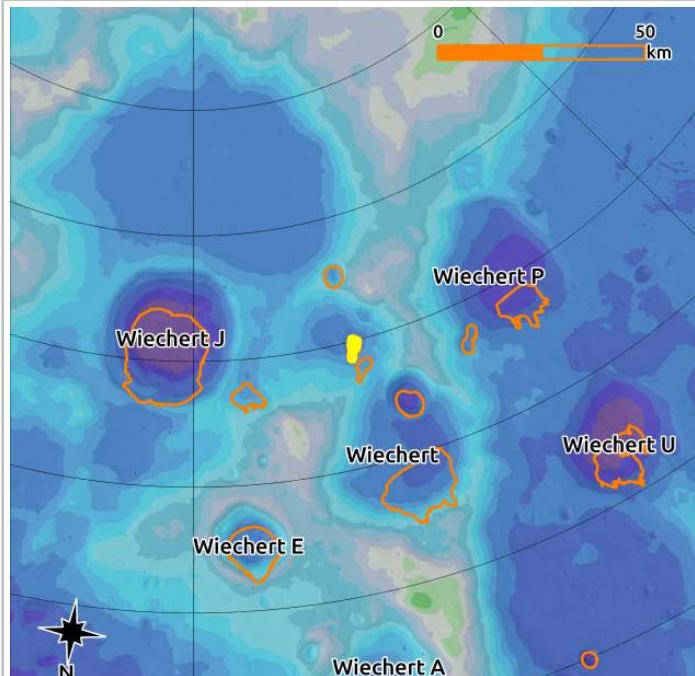


SP_849430_2908700_2015-194

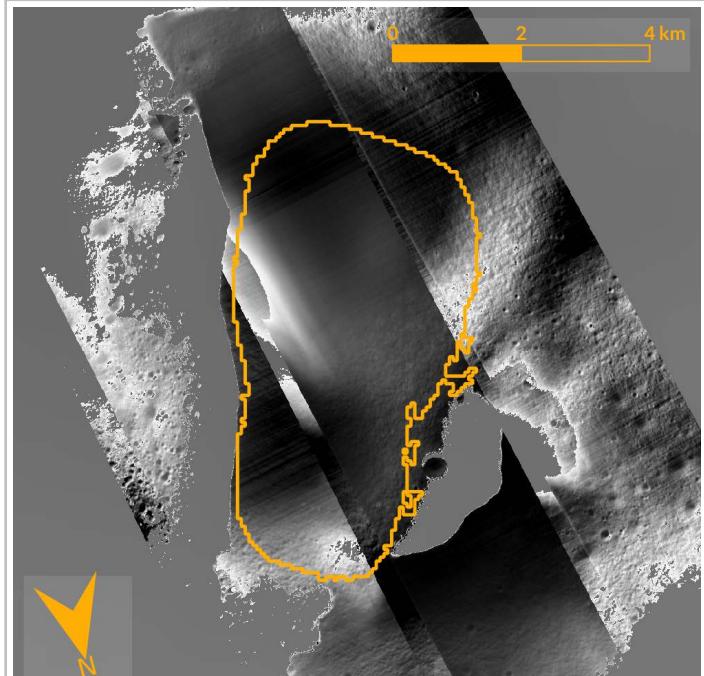
SP_849450_1654340

Lunar Features: Wiechert J, Wiechert P
Centroid Latitude: -84.945
Centroid Longitude: 165.434
Area (km²): 20.75
Perimeter (km): 29.28
Pixel Scale Range (m): 10-20
Coverage (%): 80

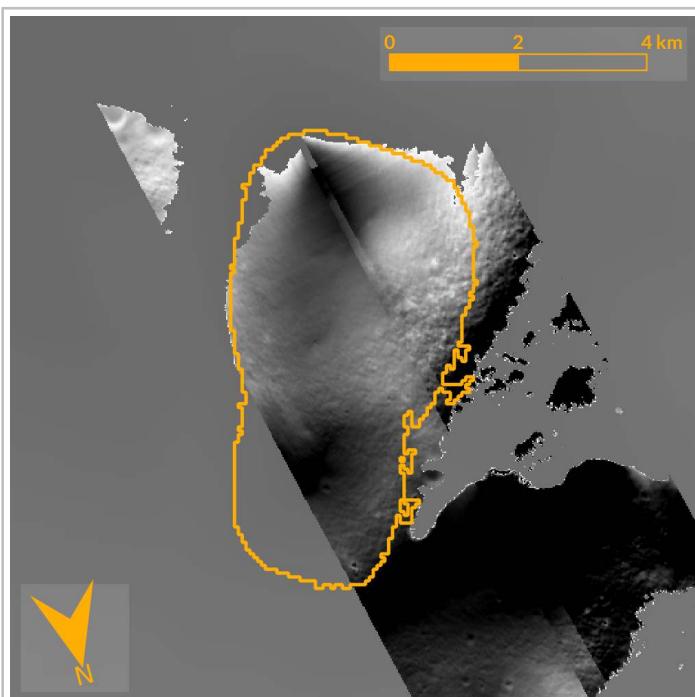
Features of Interest:
Notes: Blurry images
Image Lists: lroc.sese.asu.edu/psr/SP_849450_1654340



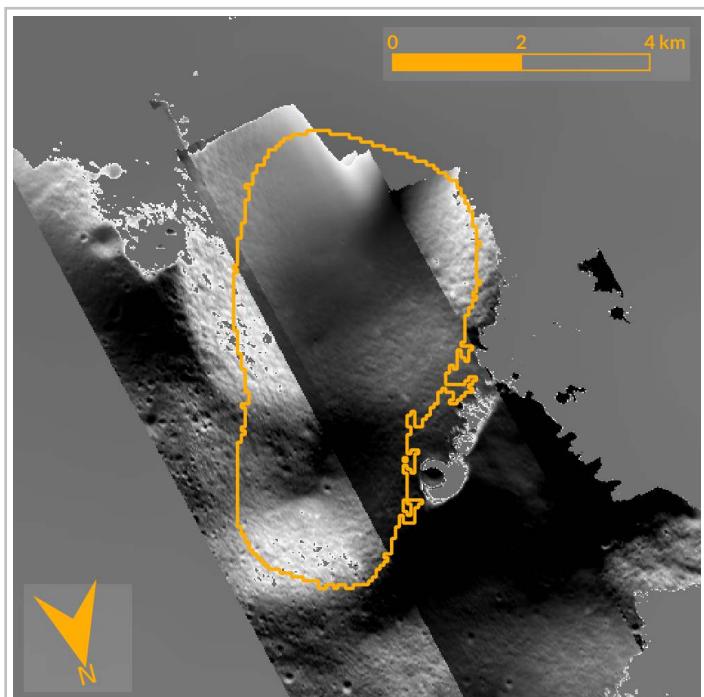
SP_849450_1654340_WAC_Color_Shade_context



SP_849450_1654340_2012-234



SP_849450_1654340_2012-262

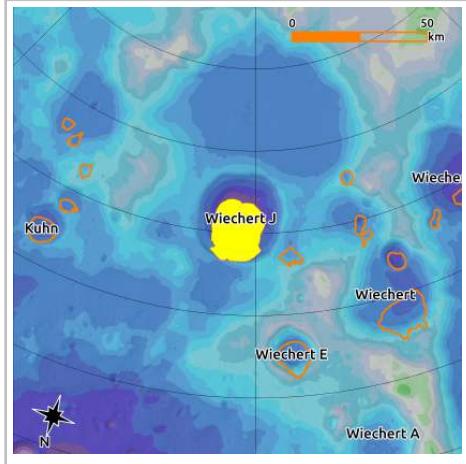


SP_849450_1654340_2012-289

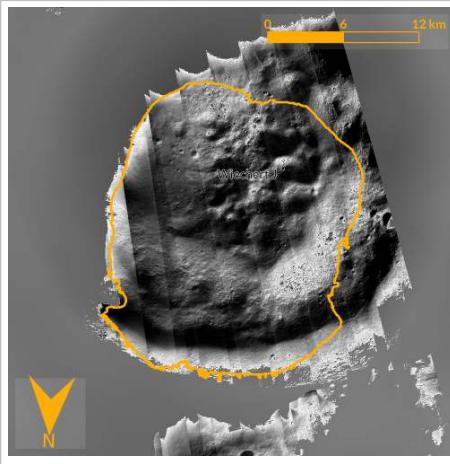
SP_850230_1826070

Lunar Features: Wiechert J
Centroid Latitude: -85.023
Centroid Longitude: 182.607
Area (km²): 371.55
Perimeter (km): 133.32
Pixel Scale Range (m): 5-20
Coverage (%): 90

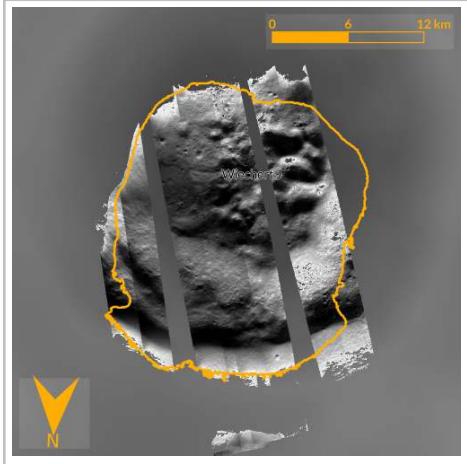
Features of Interest:
Notes: Hummocky topography on crater floor
Image Lists: lroc.sese.asu.edu/psr/SP_850230_1826070



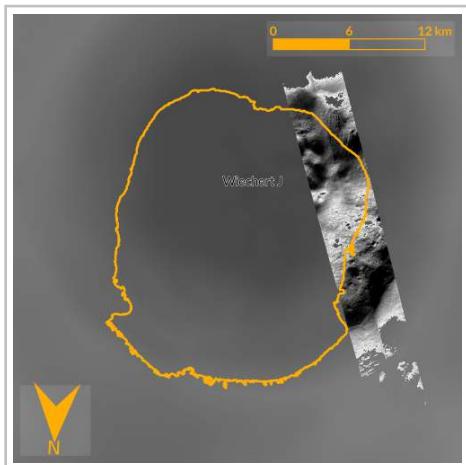
SP_850230_1826070_WAC_Color_Shade_context



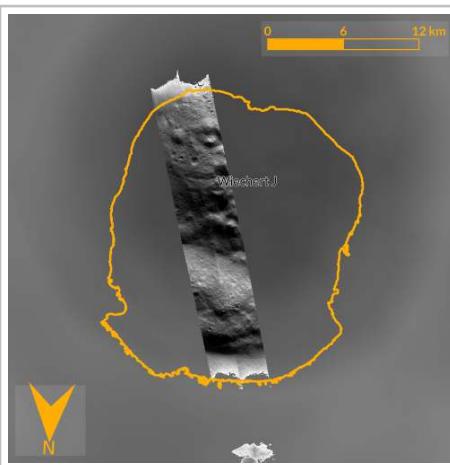
SP_850230_1826070_2012-233



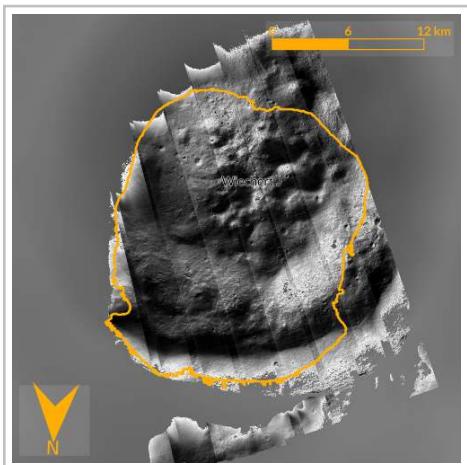
SP_850230_1826070_2012-260



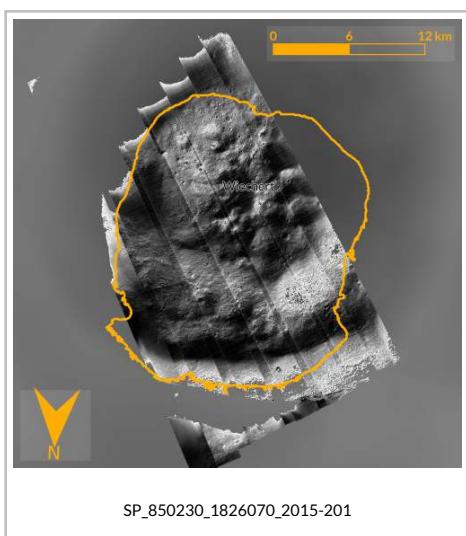
SP_850230_1826070_2012-261



SP_850230_1826070_2012-288



SP_850230_1826070_2013-222

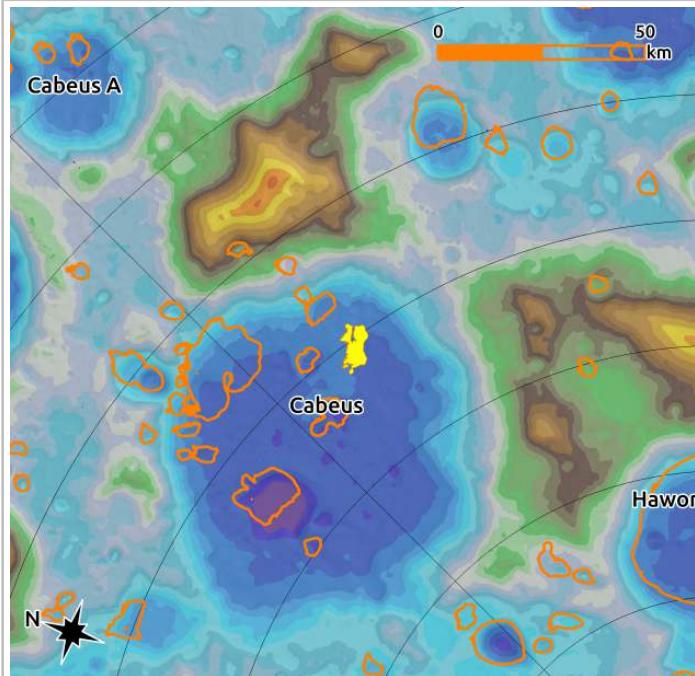


SP_850230_1826070_2015-201

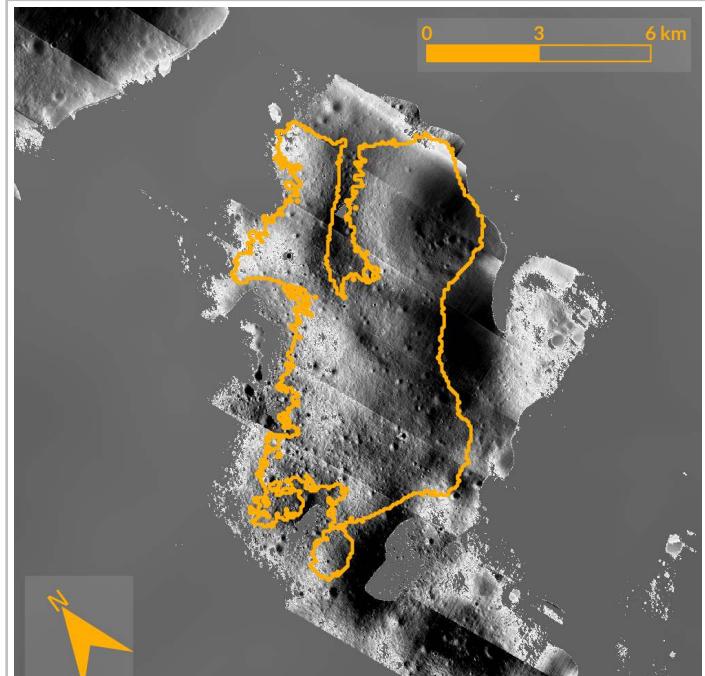
SP_850590_3238160

Lunar Features: Cabeus Crater
Centroid Latitude: -85.059
Centroid Longitude: 323.816
Area (km²): 46.06
Perimeter (km): 108.48
Pixel Scale Range (m): 9-20
Coverage (%): 95

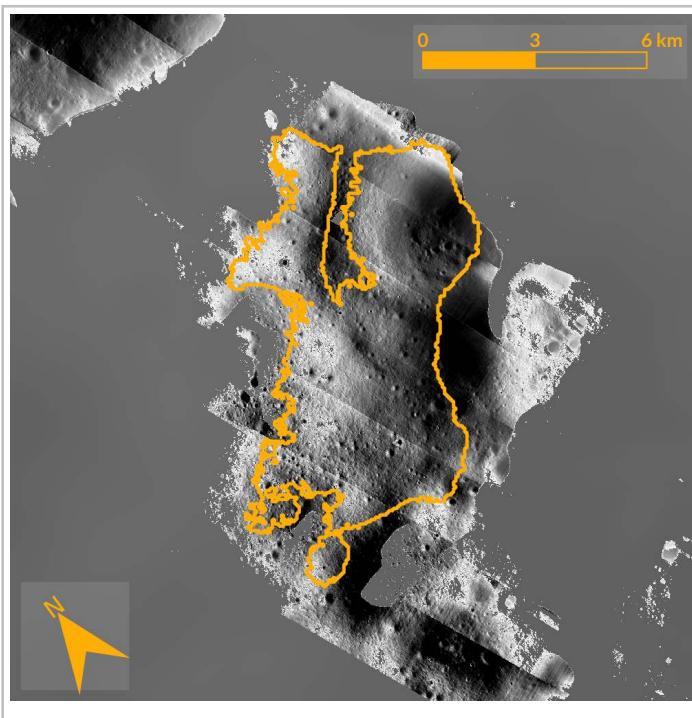
Features of Interest:
Notes: One DOY, highly cratered terrain
Image Lists: lroc.sese.asu.edu/psr/SP_850590_3238160



SP_850590_3238160_WAC_Color_Shade_context



SP_850590_3238160_2012-223

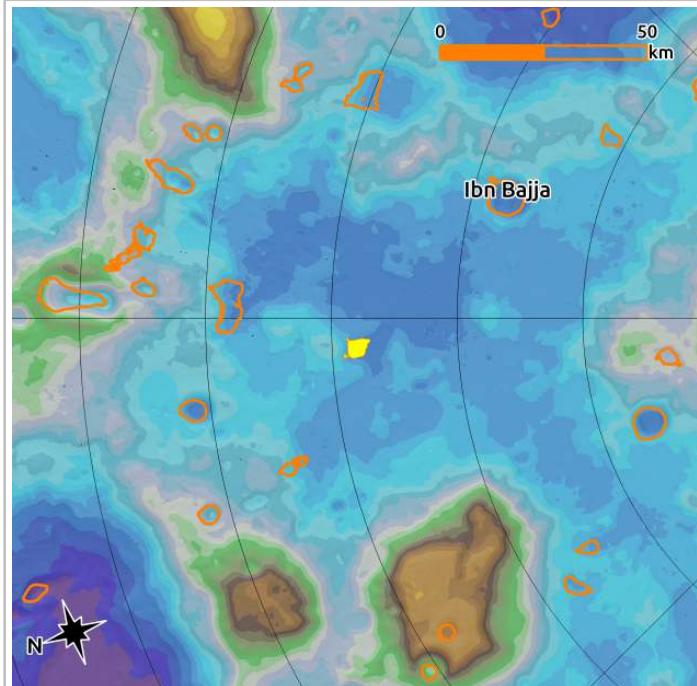


SP_850590_3238160_mosaic-PSRCABEULOA

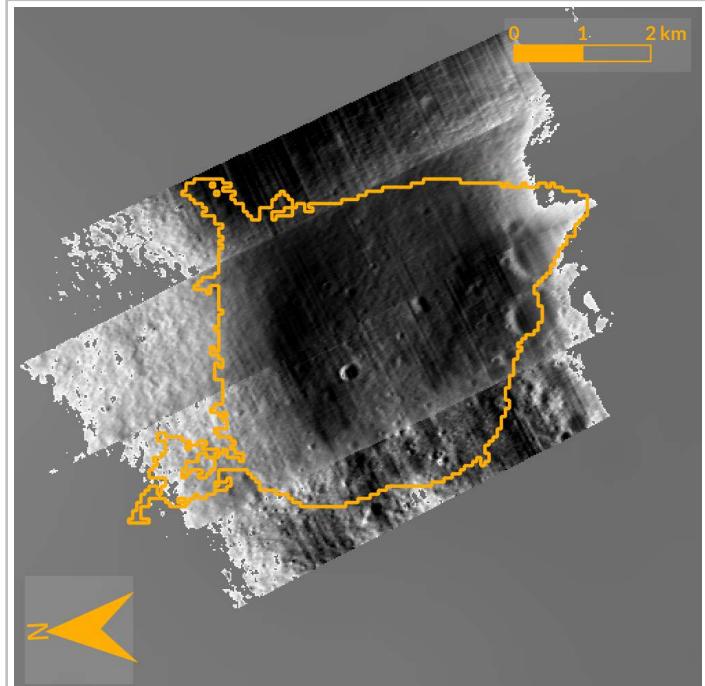
SP_851970_2671550

Lunar Features: Ibn Bajja Crater Ashbrook Crater
Centroid Latitude: -85.197
Centroid Longitude: 267.155
Area (km²): 20.56
Perimeter (km): 41.52
Pixel Scale Range (m): 20-20
Coverage (%): 90

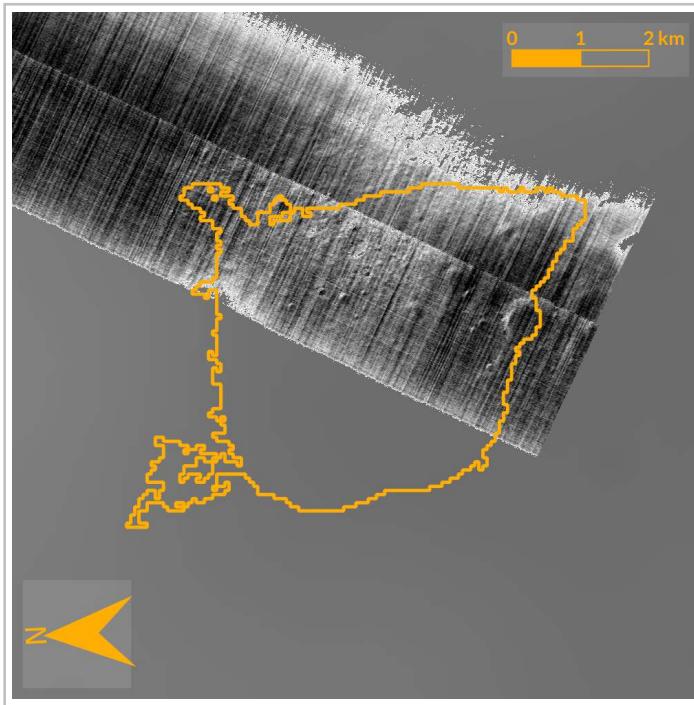
Features of Interest:
Notes: Blurry images
Image Lists: lroc.sese.asu.edu/psr/SP_851970_2671550



SP_851970_2671550_WAC_Color_Shade_context



SP_851970_2671550_2012-255

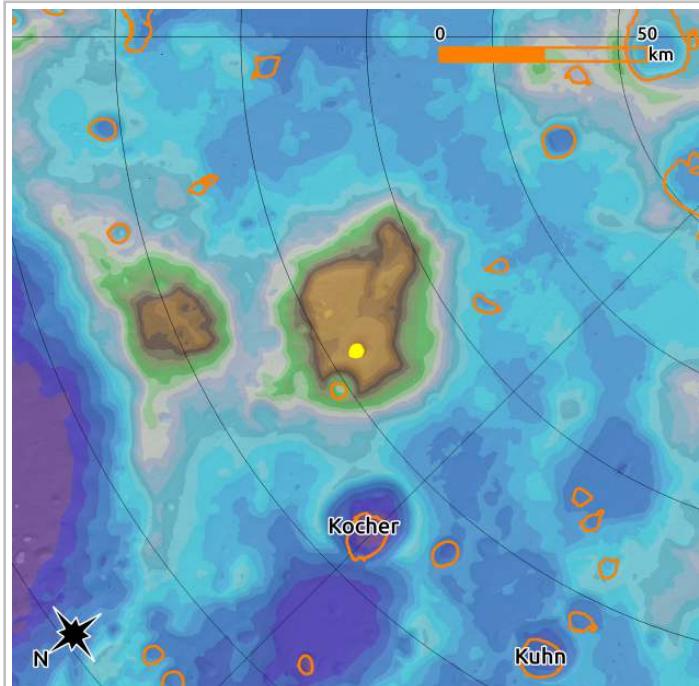


SP_851970_2671550_2013-117

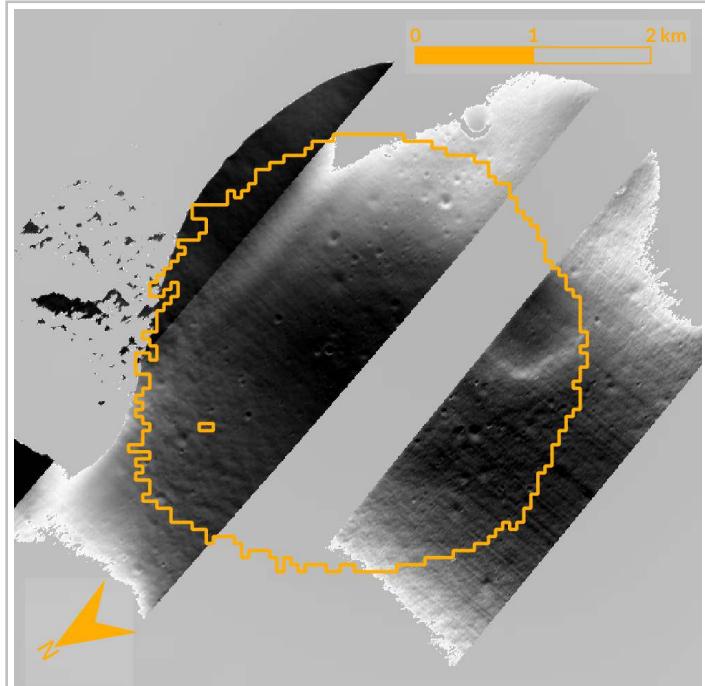
SP_852110_2384420

Lunar Features: Kocher Crater
Centroid Latitude: -85.211
Centroid Longitude: 238.442
Area (km²): 11.02
Perimeter (km): 19.32
Pixel Scale Range (m): 10-10
Coverage (%): 95

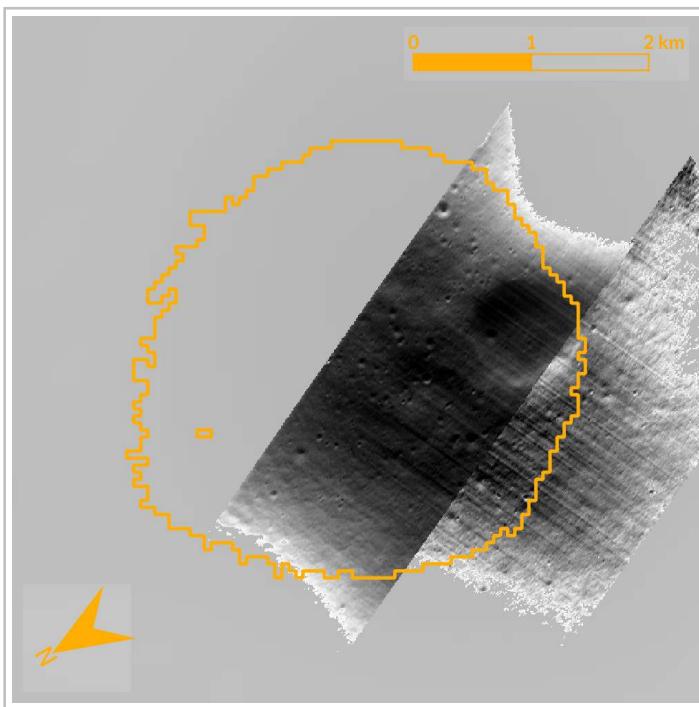
Features of Interest:
Notes: Middle of crater floor darker than rest of crater
Image Lists: lroc.sese.asu.edu/psr/SP_852110_2384420



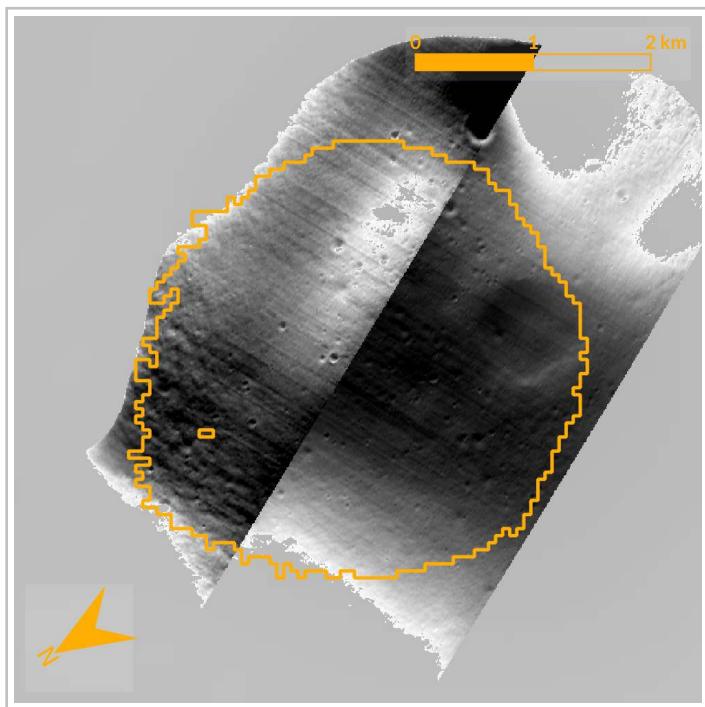
SP_852110_2384420_WAC_Color_Shade_context



SP_852110_2384420_2012-229



SP_852110_2384420_2013-218

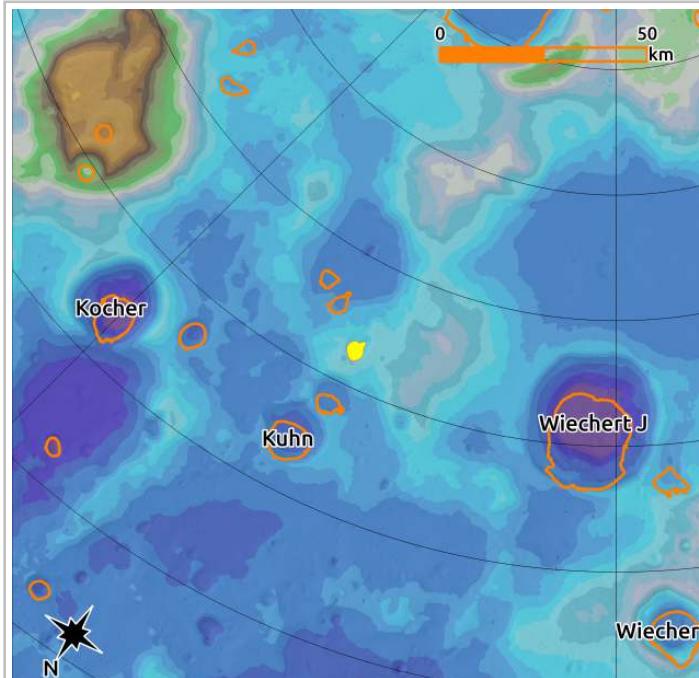


SP_852110_2384420_2014-208

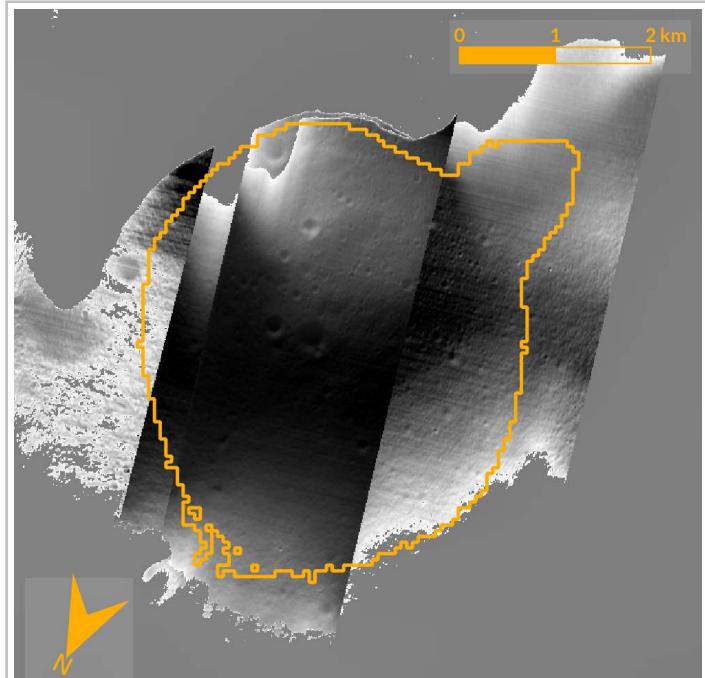
SP_852830_2061020

Lunar Features: , Kocher Crater, Wiechert J
Centroid Latitude: -85.283
Centroid Longitude: 206.102
Area (km²): 15.99
Perimeter (km): 23.28
Pixel Scale Range (m): 10-10
Coverage (%): 85

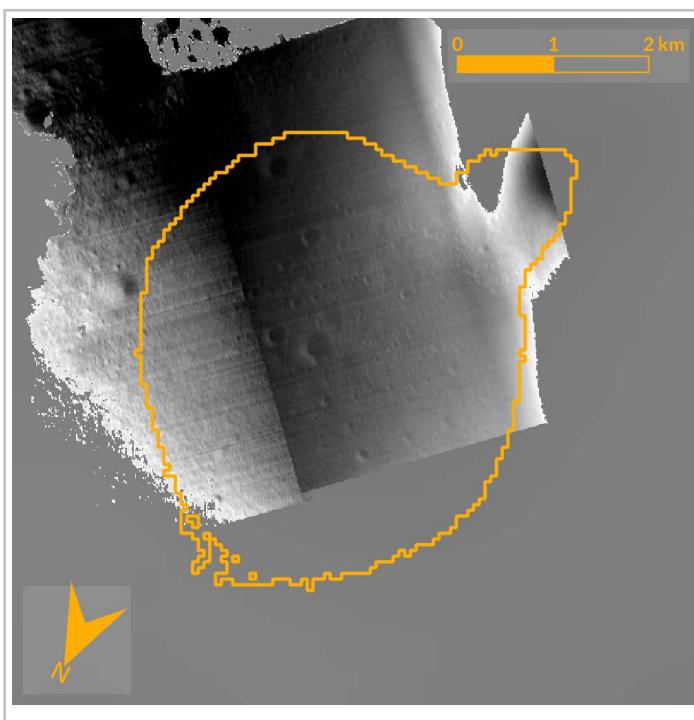
Features of Interest:
Notes: One DOY
Image Lists: lroc.sese.asu.edu/psr/SP_852830_2061020



SP_852830_2061020_WAC_Color_Shade_context



SP_852830_2061020_2012-231

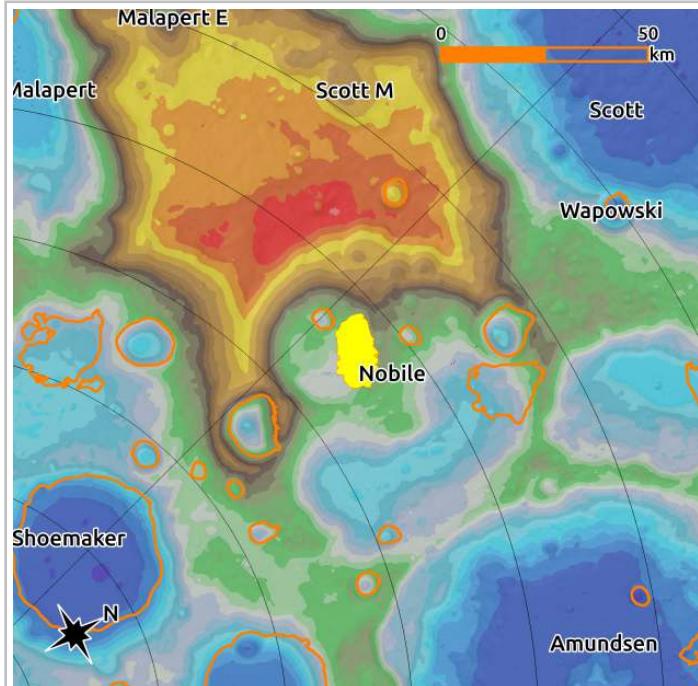


SP_852830_2061020_2017-259

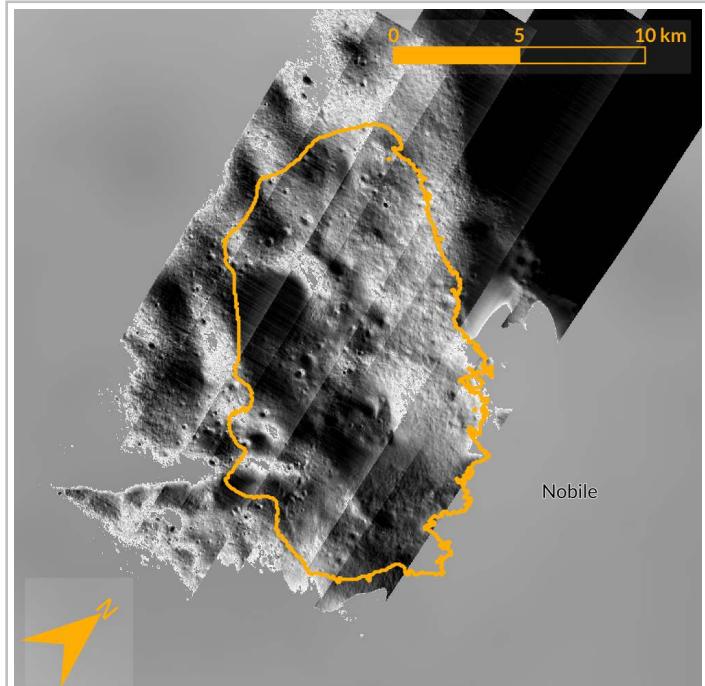
SP_853570_0498630

Lunar Features: Nobile Crater
Centroid Latitude: -85.357
Centroid Longitude: 49.863
Area (km²): 139.34
Perimeter (km): 96.96
Pixel Scale Range (m): 1-20
Coverage (%): 90

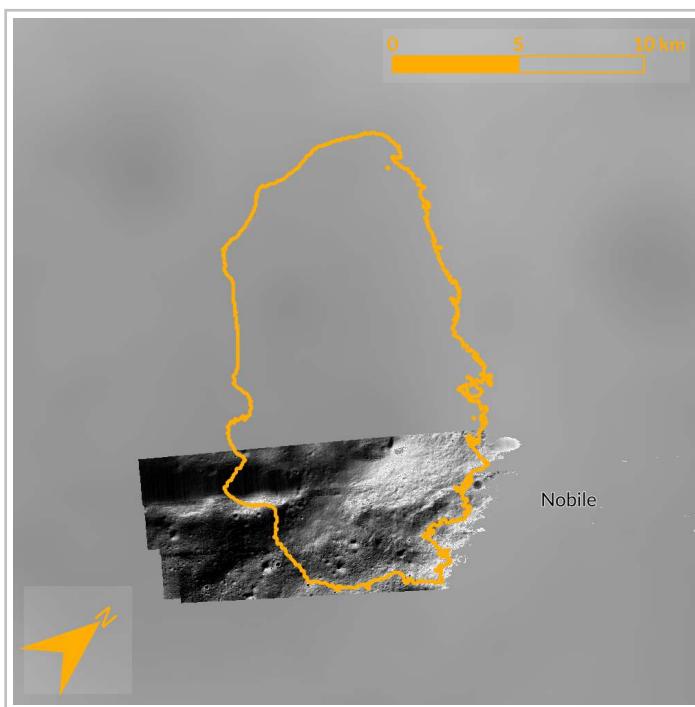
Features of Interest: 2013-133 (M1123048412L): 51.128, -85.397 (S1702 L560) - melt crater on wall & (M1123083982L): 47.69, -85.199 (S1320 L694) - bright terrain on slope of terrace
Notes: High albedo craters and PSR is terrace of the crater wall
Image Lists: lroc.sese.asu.edu/psr/SP_853570_0498630



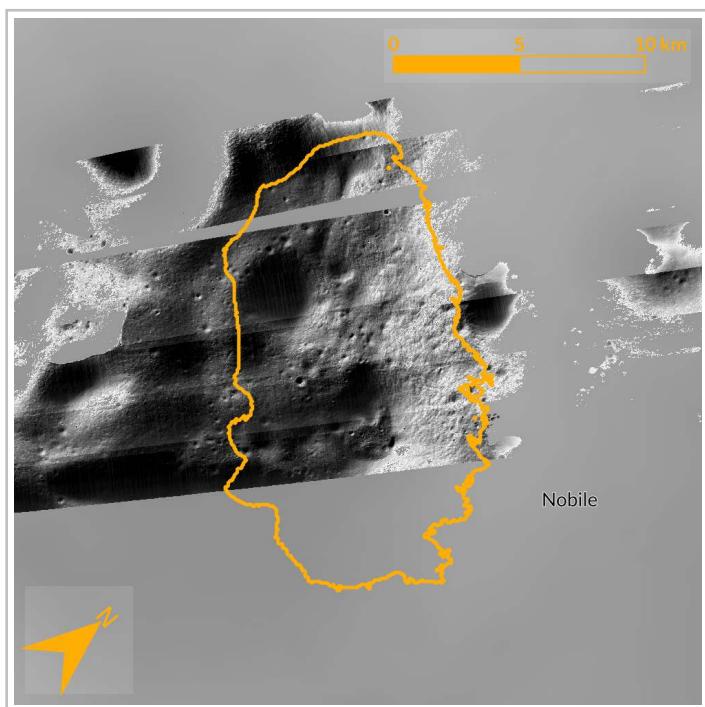
SP_853570_0498630_WAC_Color_Shade_context



SP_853570_0498630_2012-271



SP_853570_0498630_2013-132



SP_853570_0498630_2013-133

SP_853600_3177620

Lunar Features: Cabeus Crater

Centroid Latitude: -85.36

Centroid Longitude: 317.762

Area (km²): 42.57

Perimeter (km): 65.16

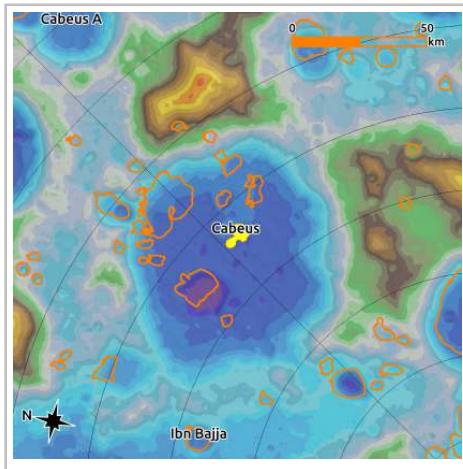
Pixel Scale Range (m): 9-20

Coverage (%): 95

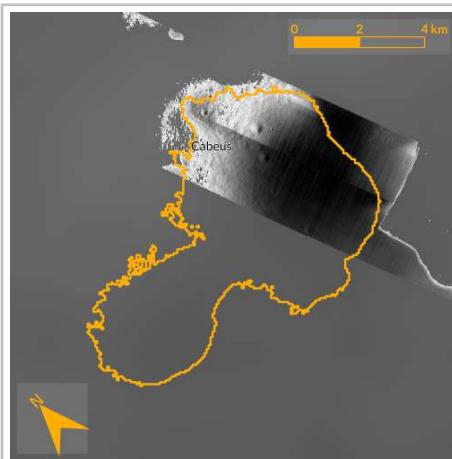
Features of Interest:

Notes:

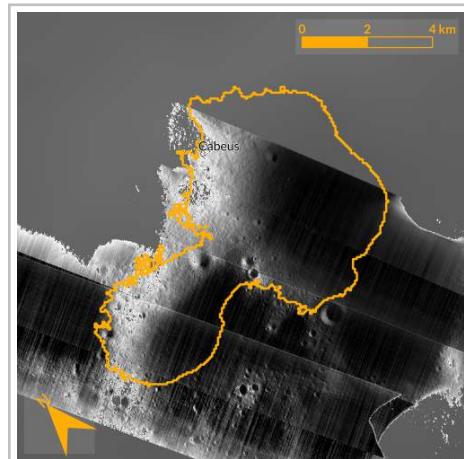
Image Lists: lroc.sese.asu.edu/psr/SP_853600_3177620



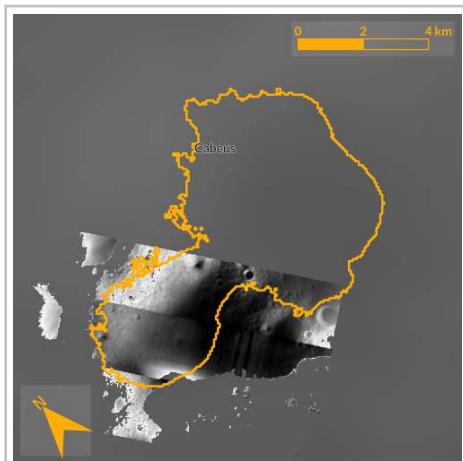
SP_853600_3177620_WAC_Color_Shade_context



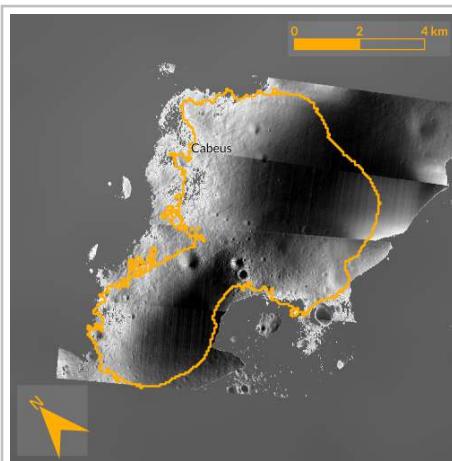
SP_853600_3177620_2012-223



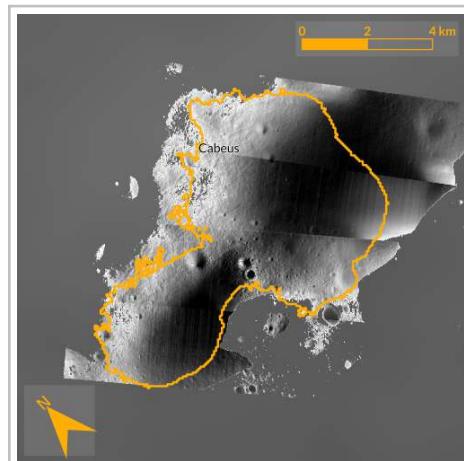
SP_853600_3177620_2012-224



SP_853600_3177620_2013-268



SP_853600_3177620_2014-230



SP_853600_3177620_mosaic-PSRCABEULOA

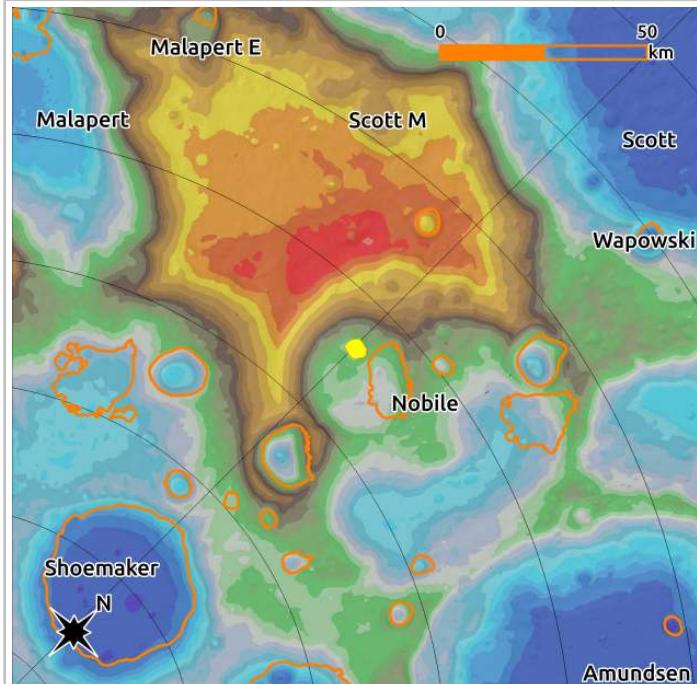
SP_853730_0452650

Lunar Features: Nobile Crater
Centroid Latitude: -85.373
Centroid Longitude: 45.265
Area (km²): 18.45
Perimeter (km): 25.32
Pixel Scale Range (m): 10-20
Coverage (%): 85

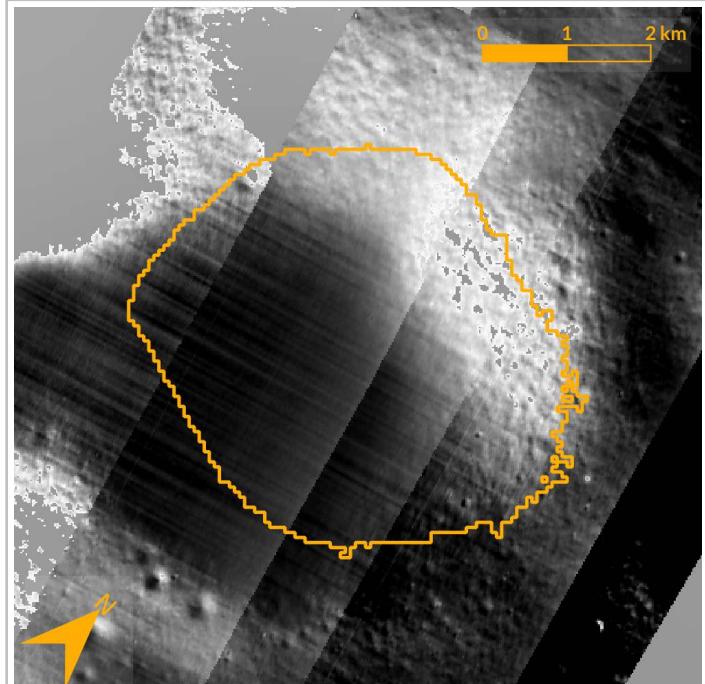
Features of Interest:

Notes:

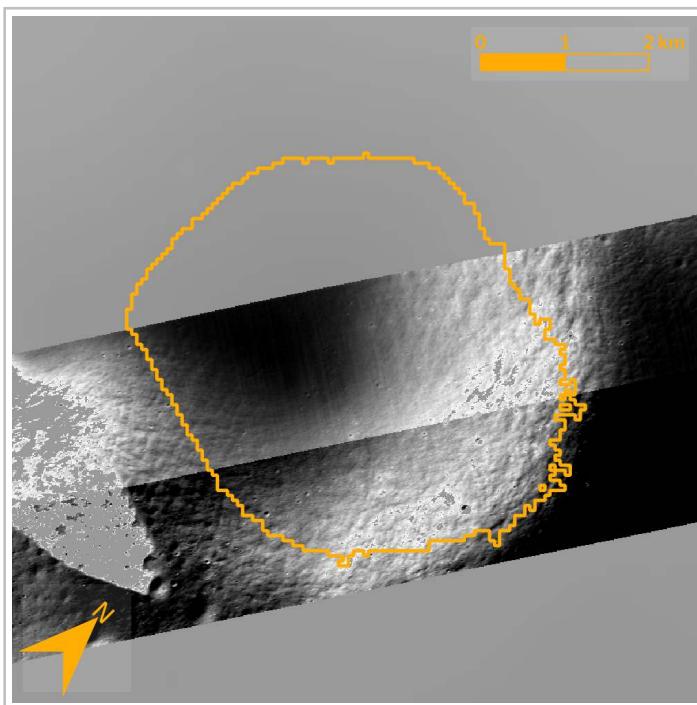
Image Lists: lroc.sese.asu.edu/psr/SP_853730_0452650



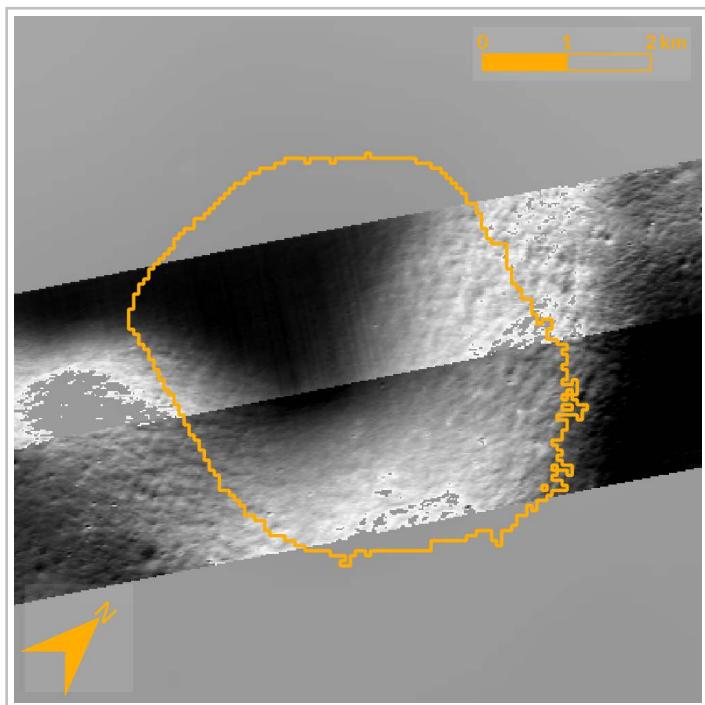
SP_853730_0452650_WAC_Color_Shade_context



SP_853730_0452650_2012-271



SP_853730_0452650_2013-133

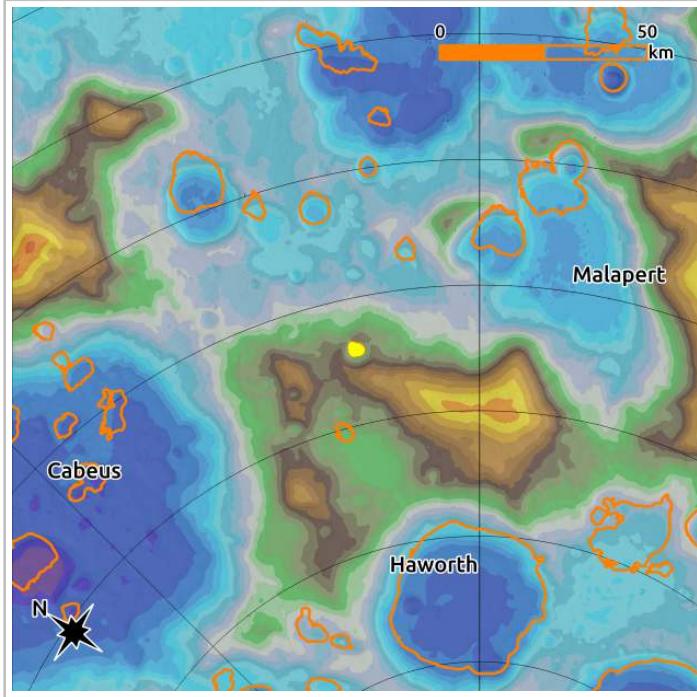


SP_853730_0452650_2013-160

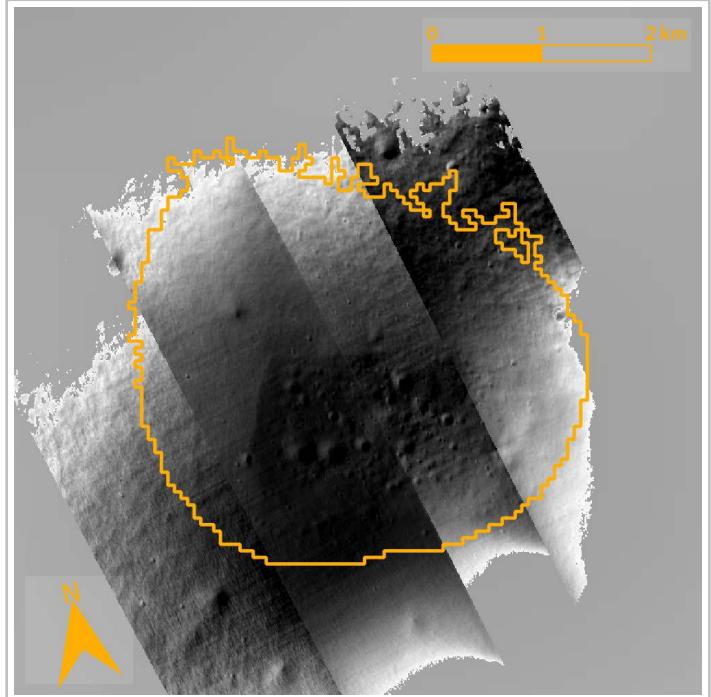
SP_854060_3476220

Lunar Features: Malapert Crater, Cabeus Crater
Centroid Latitude: -85.406
Centroid Longitude: 347.622
Area (km²): 12.21
Perimeter (km): 24.36
Pixel Scale Range (m): 10-10
Coverage (%): 95

Features of Interest:
Notes: Dark crater floor with high concentration of craters
Image Lists: lroc.sese.asu.edu/psr/SP_854060_3476220



SP_854060_3476220_WAC_Color_Shade_context

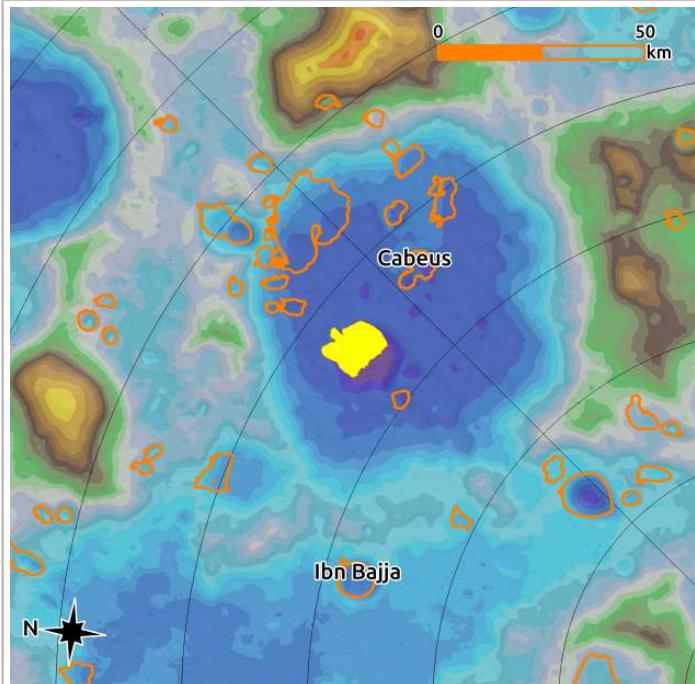


SP_854060_3476220_2012-221

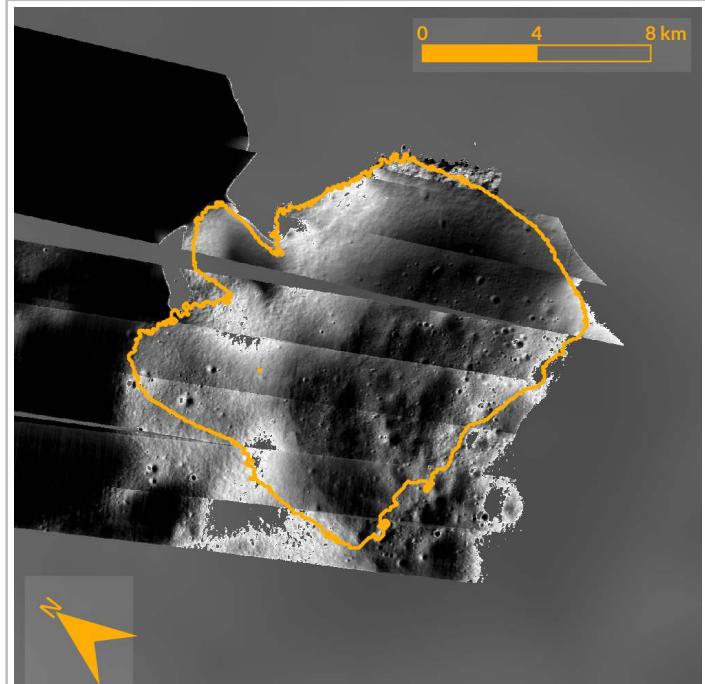
SP_854150_3078410

Lunar Features: Cabeus Crater
Centroid Latitude: -85.415
Centroid Longitude: 307.841
Area (km²): 127.30
Perimeter (km): 87.36
Pixel Scale Range (m): 20-20
Coverage (%): 85

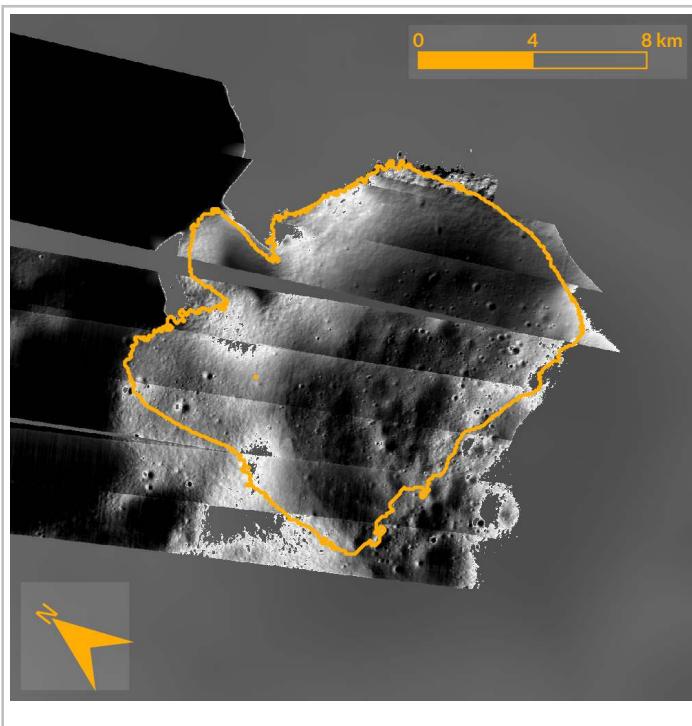
Features of Interest:
Notes: Dark crater floor with high concentration of craters
Image Lists: lroc.sese.asu.edu/psr/SP_854150_3078410



SP_854150_3078410_WAC_Color_Shade_context



SP_854150_3078410_2012-279

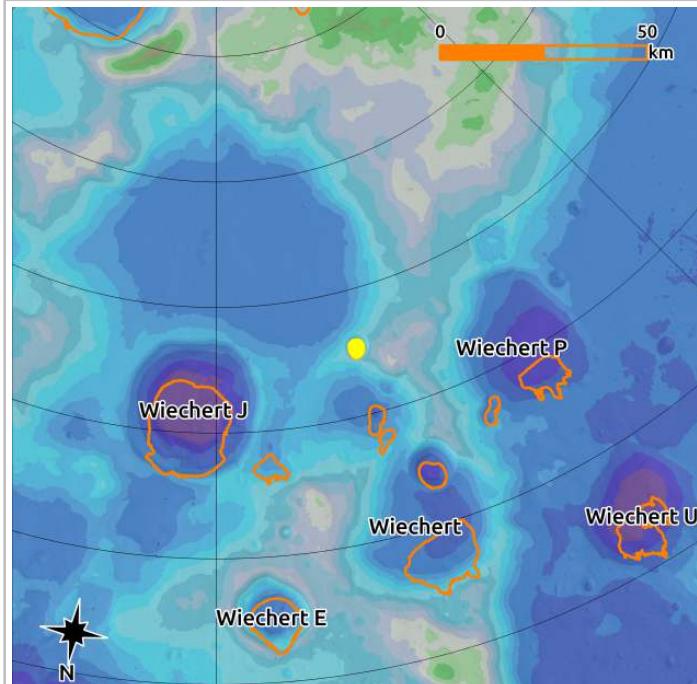


SP_854150_3078410_mosaic-PSRCABEULOA

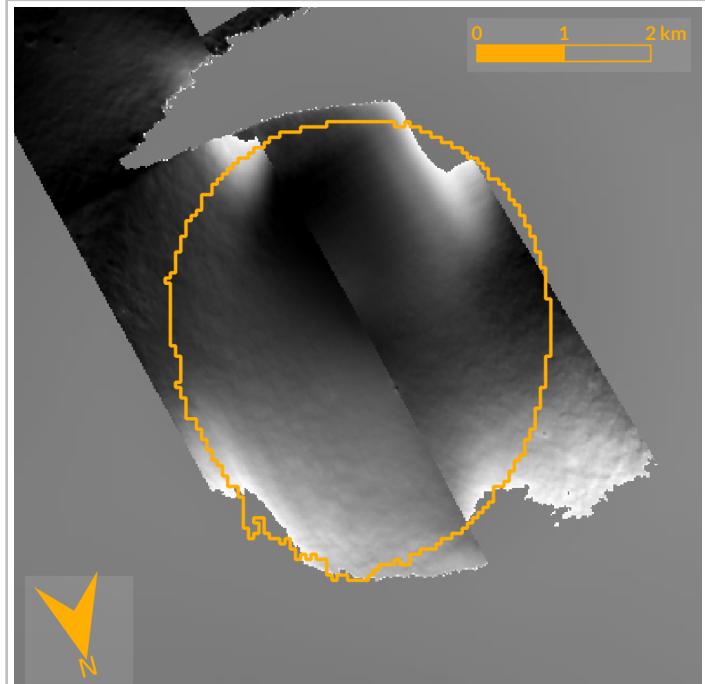
SP_855330_1655640

Lunar Features: Wiechert J, Wiechert P
Centroid Latitude: -85.533
Centroid Longitude: 165.564
Area (km²): 17.69
Perimeter (km): 20.88
Pixel Scale Range (m): 10-20
Coverage (%): 80

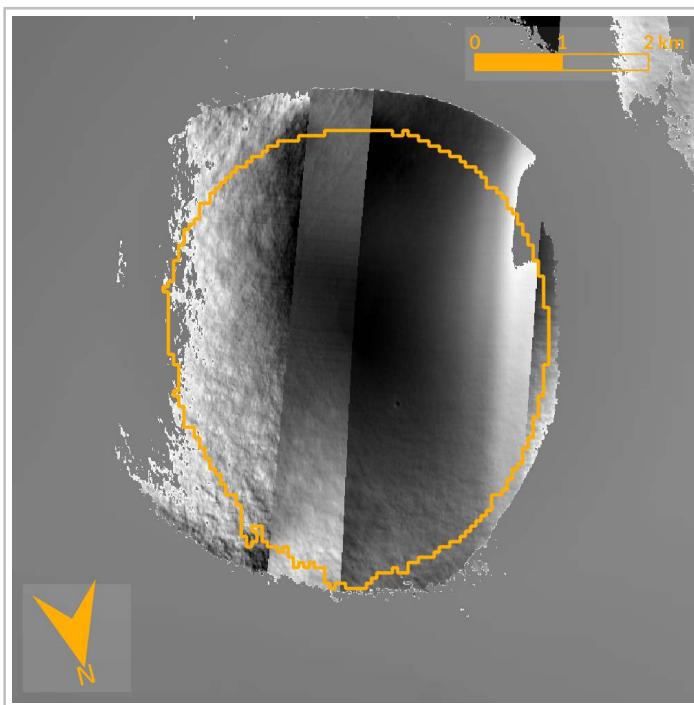
Features of Interest:
Notes: Blurry images
Image Lists: lroc.sese.asu.edu/psr/SP_855330_1655640



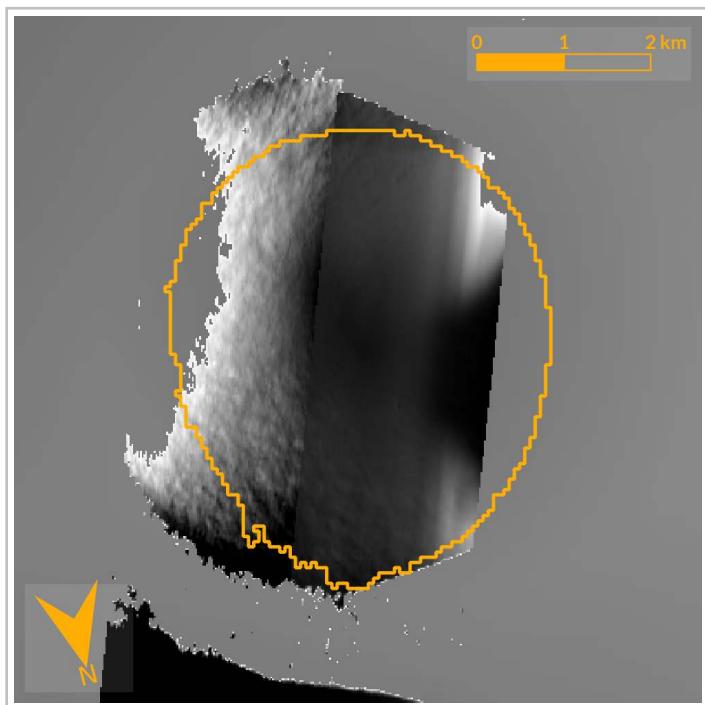
SP_855330_1655640_WAC_Color_Shade_context



SP_855330_1655640_2012-289



SP_855330_1655640_2013-125



SP_855330_1655640_2013-152

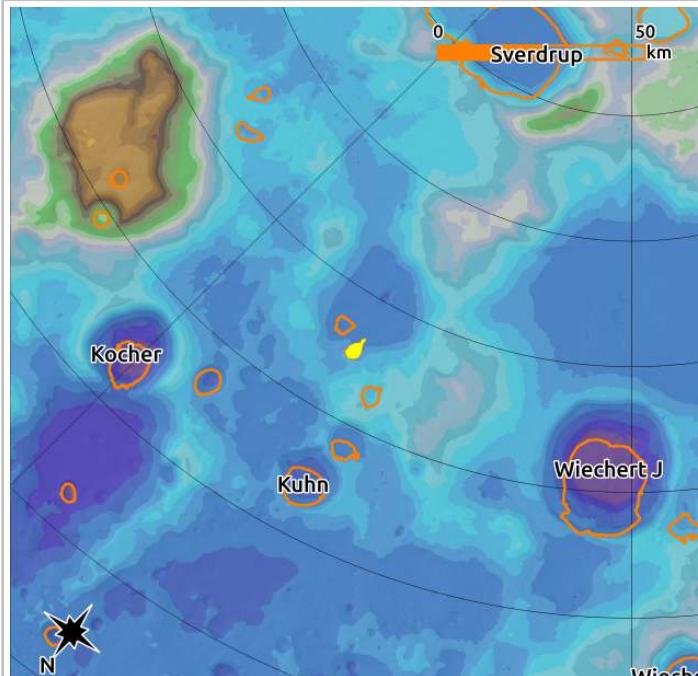
SP_855490_2096710

Lunar Features: , Kocher Crater, Wiechert J
Centroid Latitude: -85.549
Centroid Longitude: 209.671
Area (km²): 13.93
Perimeter (km): 31.68
Pixel Scale Range (m): 5-20
Coverage (%): 50

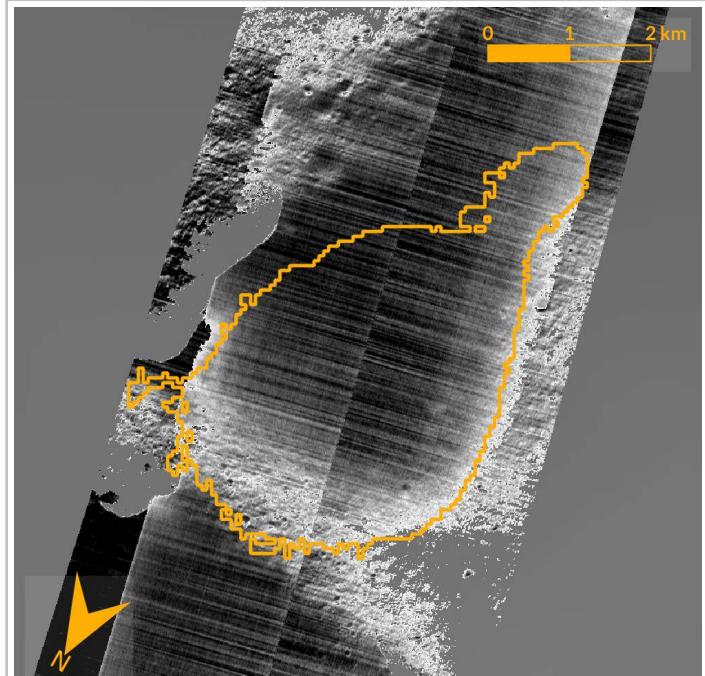
Features of Interest:

Notes:

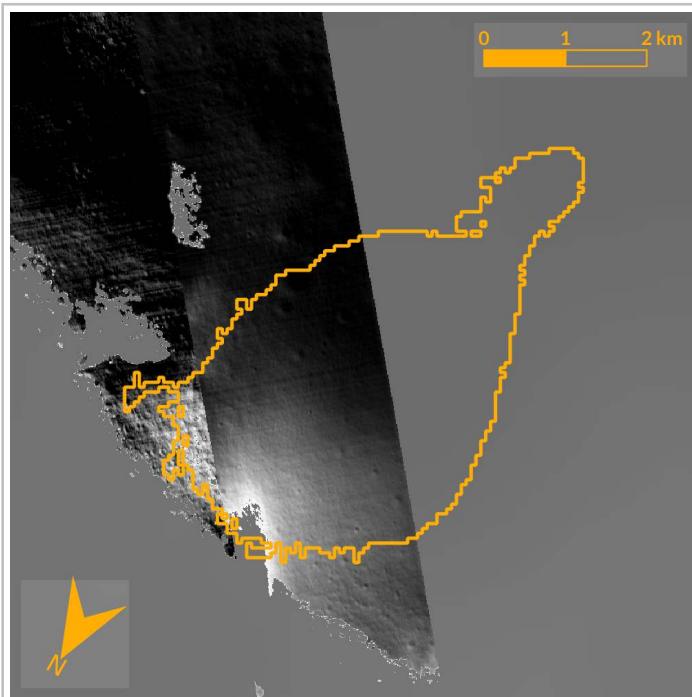
Image Lists: lroc.sese.asu.edu/psr/SP_855490_2096710



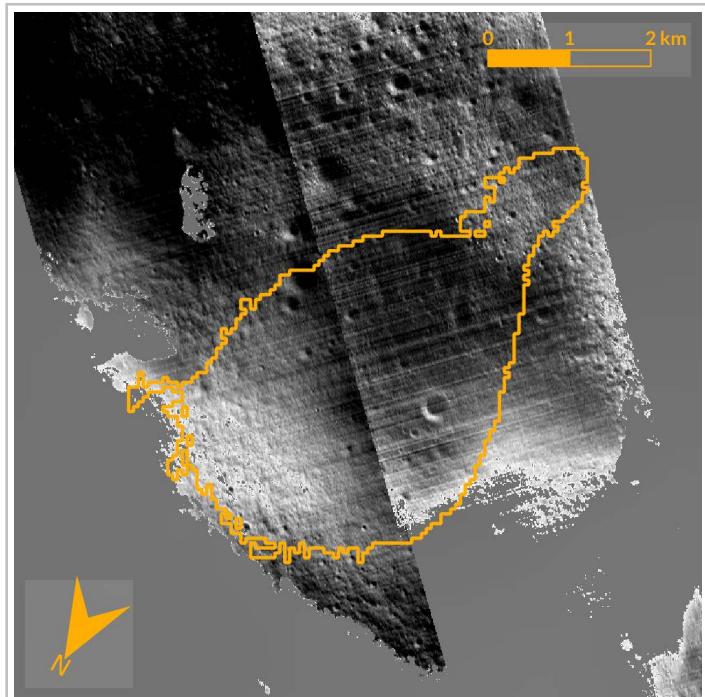
SP_855490_2096710_WAC_Color_Shade_context



SP_855490_2096710_2012-231



SP_855490_2096710_2016-271

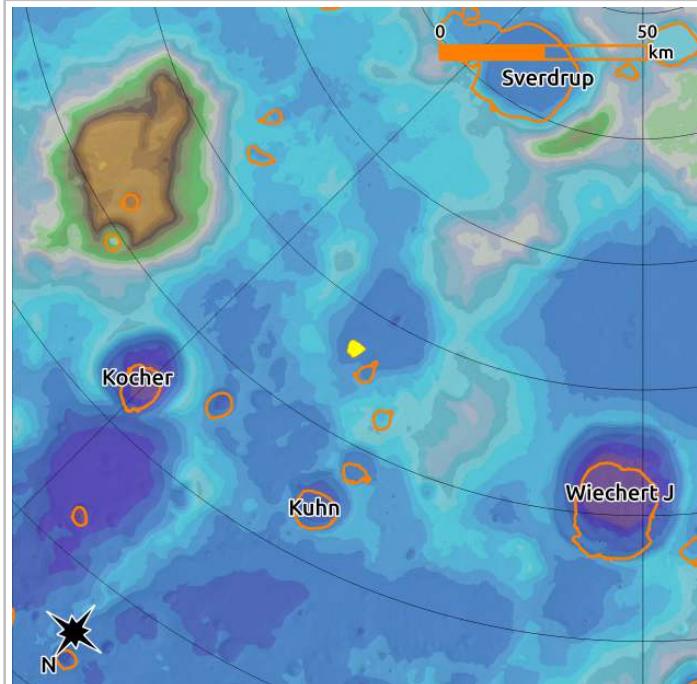


SP_855490_2096710_2017-259

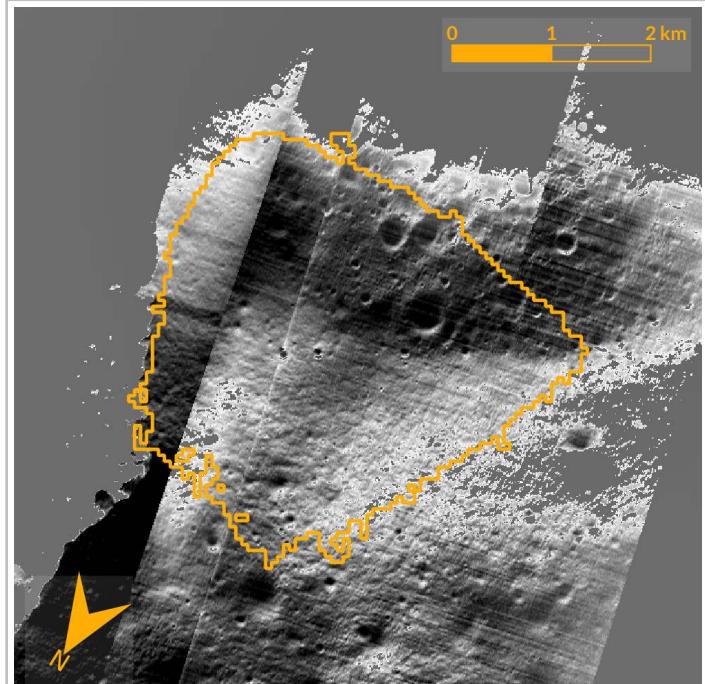
SP_856730_2119650

Lunar Features: , Kocher Crater Wiechert J
Centroid Latitude: -85.673
Centroid Longitude: 211.965
Area (km²): 12.04
Perimeter (km): 25.68
Pixel Scale Range (m): 10-10
Coverage (%): 90

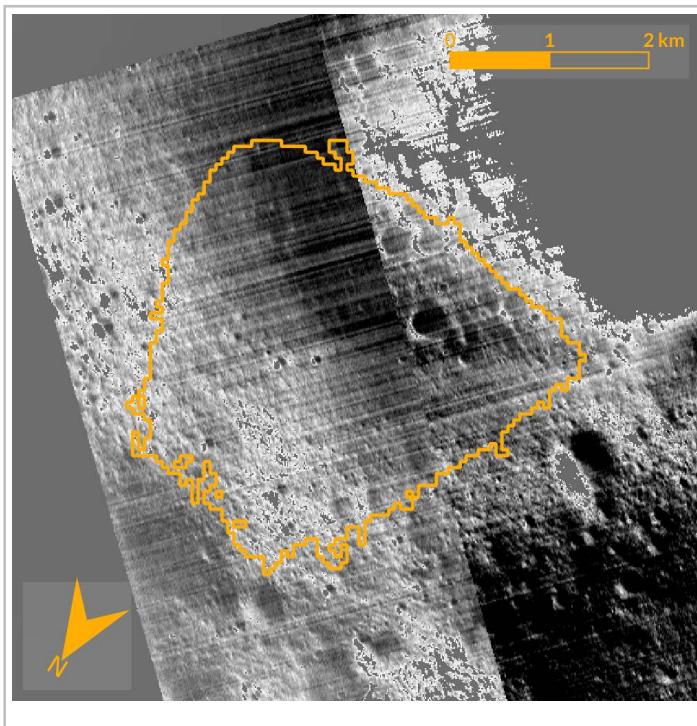
Features of Interest:
Notes: One DOY
Image Lists: lroc.sese.asu.edu/psr/SP_856730_2119650



SP_856730_2119650_WAC_Color_Shade_context



SP_856730_2119650_2012-231

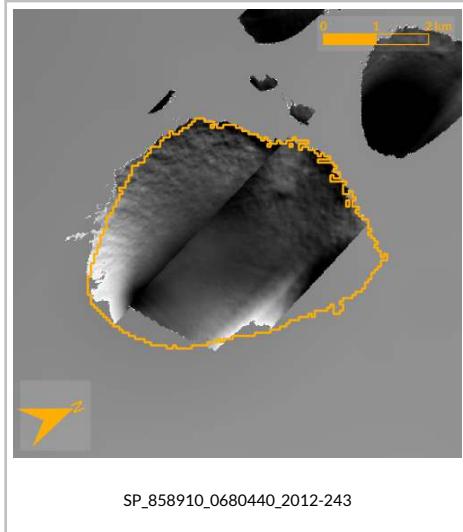
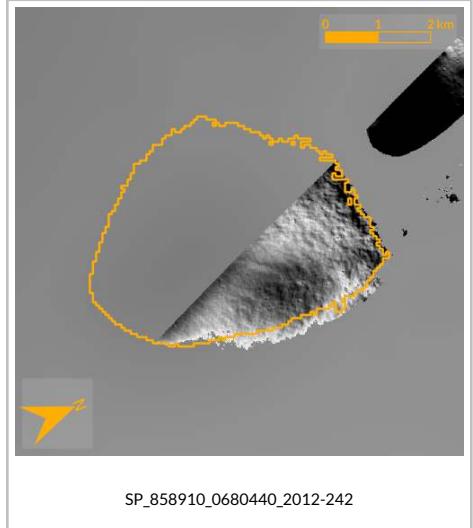
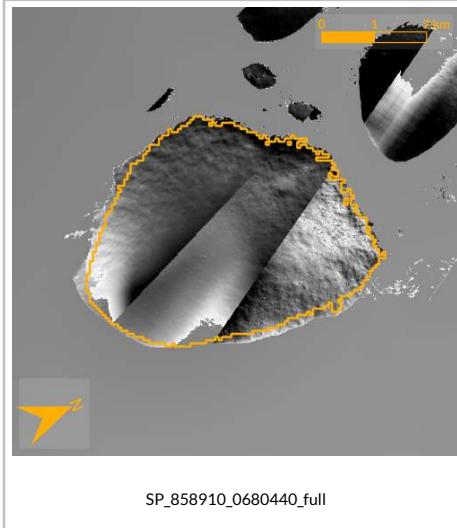
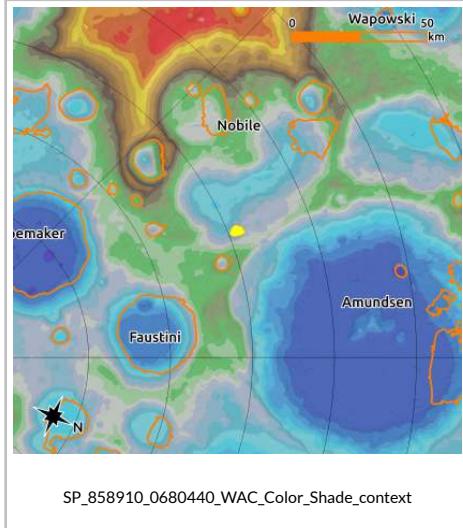


SP_856730_2119650_2017-259

SP_858910_0680440

Lunar Features: Shoemaker Crater, Amundsen Crater,
Centroid Latitude: -85.891
Centroid Longitude: 68.044
Area (km²): 17.26
Perimeter (km): 25.44
Pixel Scale Range (m): 1-20
Coverage (%): 100

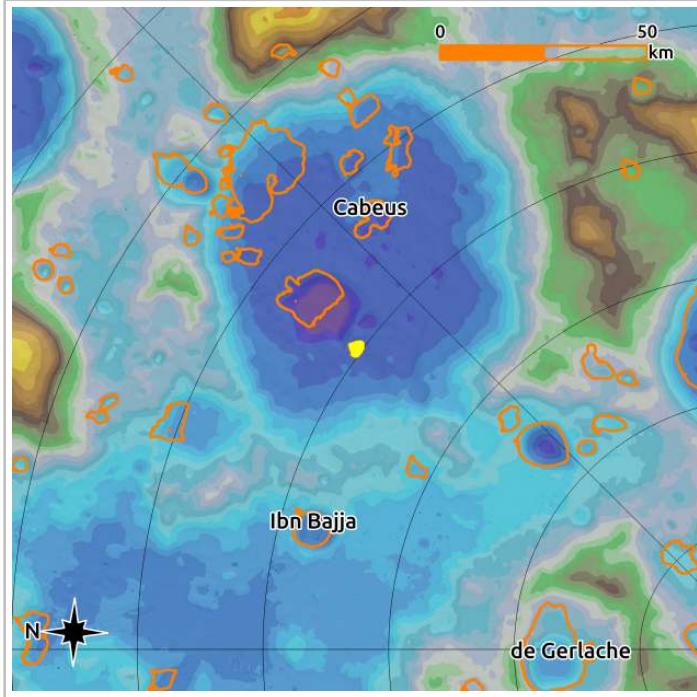
Features of Interest: 2012-242 (M1100918636L): 68.386, -85.828 (S5072 L693) - crater with high reflectance and reflectance streaking on crater wall
Notes: Smooth crater floor
Image Lists: lroc.sese.asu.edu/psr/SP_858910_0680440



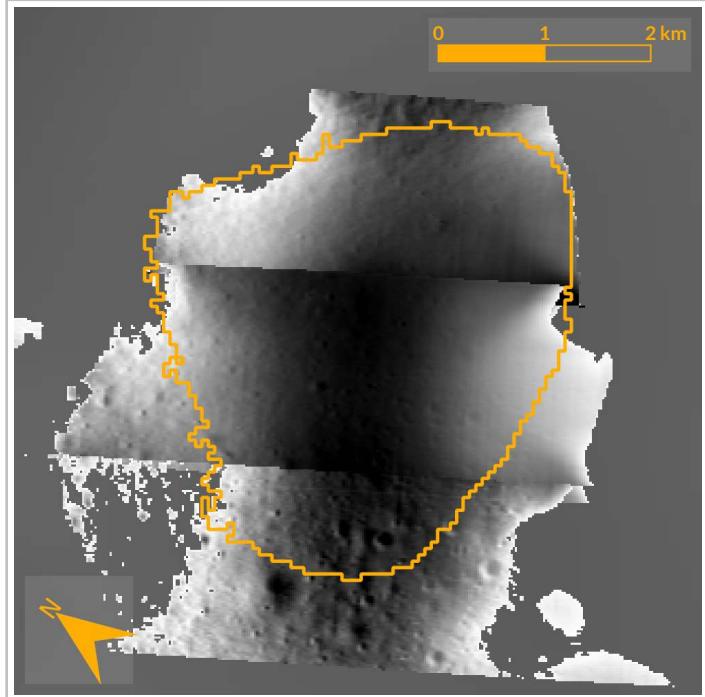
SP_859560_3063890

Lunar Features: Cabeus Crater
Centroid Latitude: -85.956
Centroid Longitude: 306.389
Area (km²): 12.79
Perimeter (km): 20.76
Pixel Scale Range (m): 20-20
Coverage (%): 80

Features of Interest:
Notes: One DOY
Image Lists: lroc.sese.asu.edu/psr/SP_859560_3063890



SP_859560_3063890_WAC_Color_Shade_context

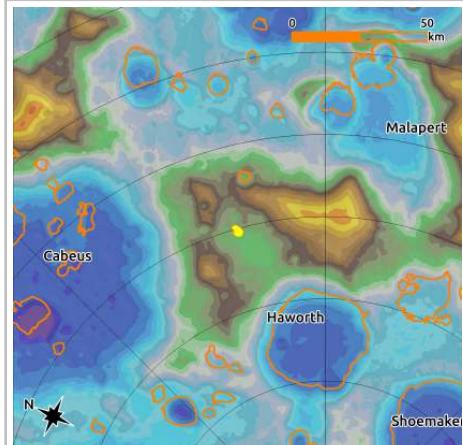


SP_859560_3063890_2012-252

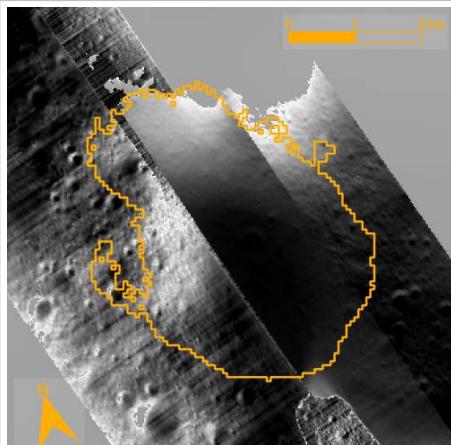
SP_860280_3443410

Lunar Features: Haworth Crater, Malapert Crater, Cabeus Crater
Centroid Latitude: -86.028
Centroid Longitude: 344.341
Area (km²): 12.88
Perimeter (km): 30.84
Pixel Scale Range (m): 10-20
Coverage (%): 60

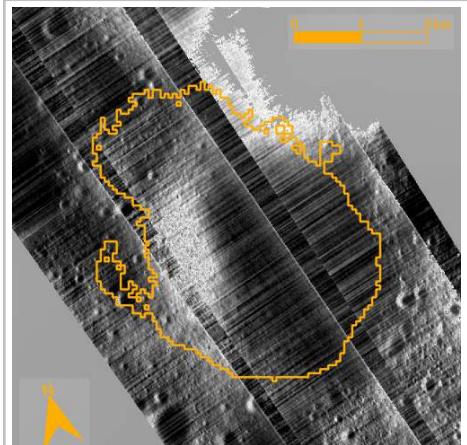
Features of Interest:
Notes: Re-image
Image Lists: lroc.sese.asu.edu/psr/SP_860280_3443410



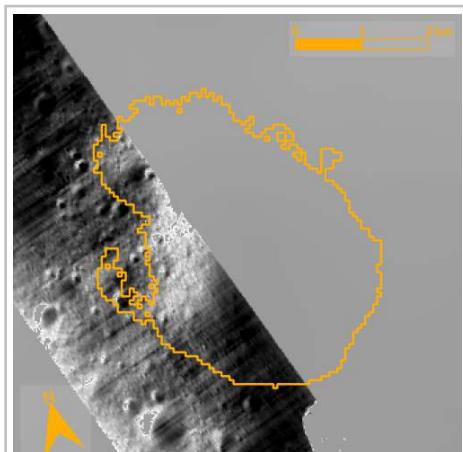
SP_860280_3443410_WAC_Color_Shade_context



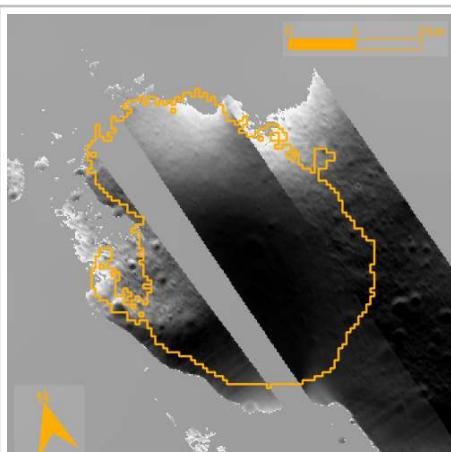
SP_860280_3443410_full



SP_860280_3443410_2012-221



SP_860280_3443410_2012-248

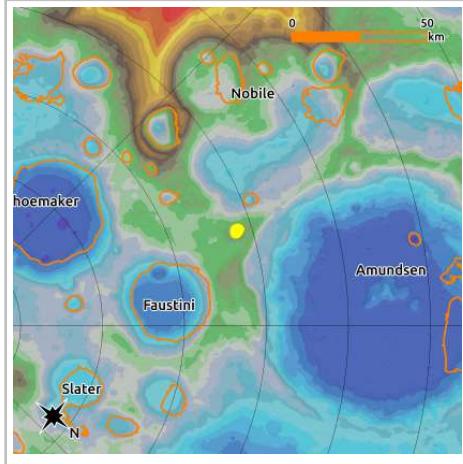


SP_860280_3443410_2012-276

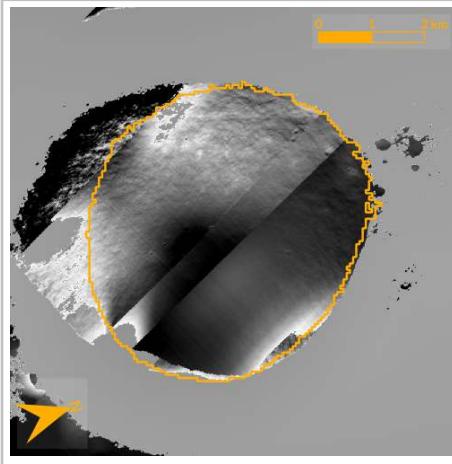
SP_861810_0724650

Lunar Features: Amundsen Crater, Shoemaker Crater,
Centroid Latitude: -86.181
Centroid Longitude: 72.465
Area (km²): 22.90
Perimeter (km): 24.84
Pixel Scale Range (m): 9-20
Coverage (%): 80

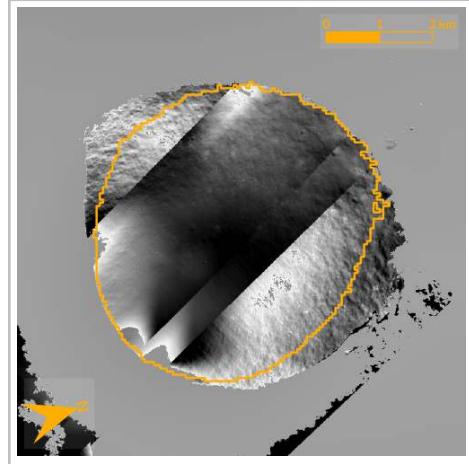
Features of Interest: 2014-221 (M1162236040R): 72.070, -86.125 (S548 L2632) - reflectance streaking on crater wall
Notes: Smooth and textured terrain
Image Lists: lroc.sese.asu.edu/psr/SP_861810_0724650



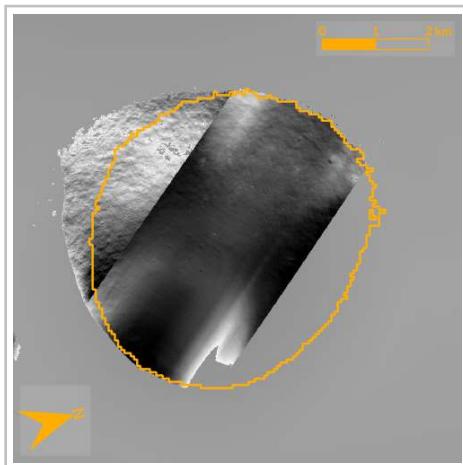
SP_861810_0724650_WAC_Color_Shade_context



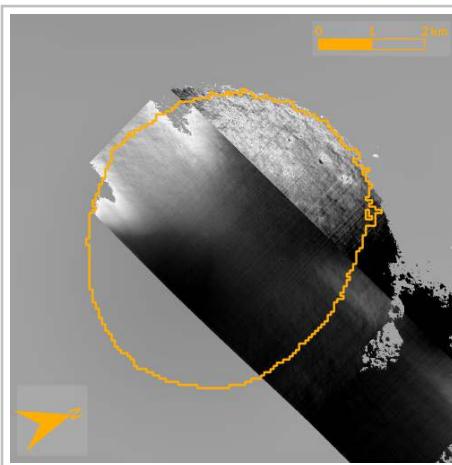
SP_861810_0724650_2012-215



SP_861810_0724650_2012-242



SP_861810_0724650_2014-221

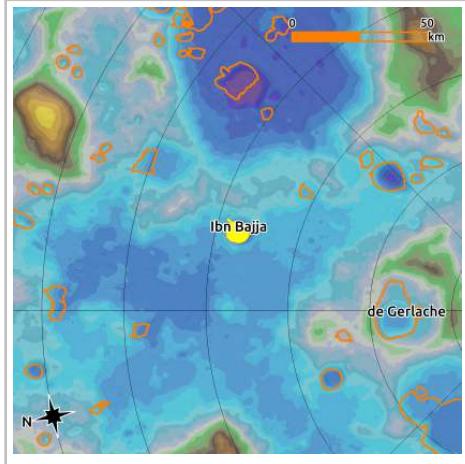


SP_861810_0724650_2017-275

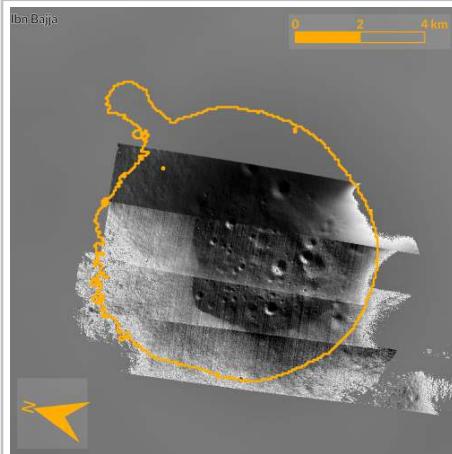
SP_862590_2848540

Lunar Features: Ibn Bajja Crater,
Centroid Latitude: -86.259
Centroid Longitude: 284.854
Area (km²): 58.51
Perimeter (km): 51.96
Pixel Scale Range (m): 5-20
Coverage (%): 90

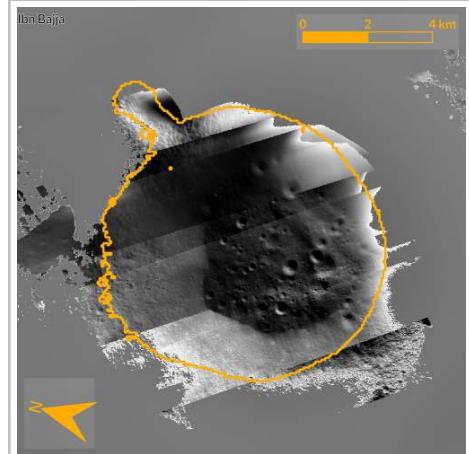
Features of Interest: 2012-254 (M1101918639L): 284.270, -86.291 (S298 L598) - crater floor is dark, melty, and heavily cratered
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_862590_2848540



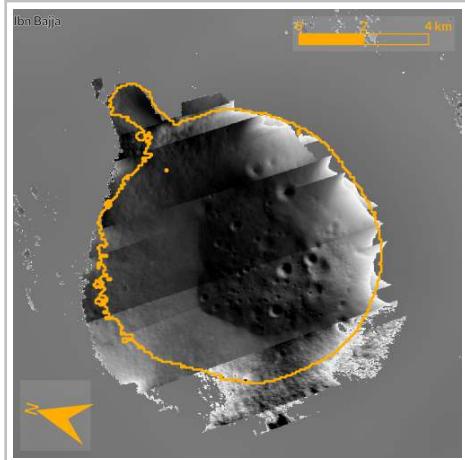
SP_862590_2848540_WAC_Color_Shade_context



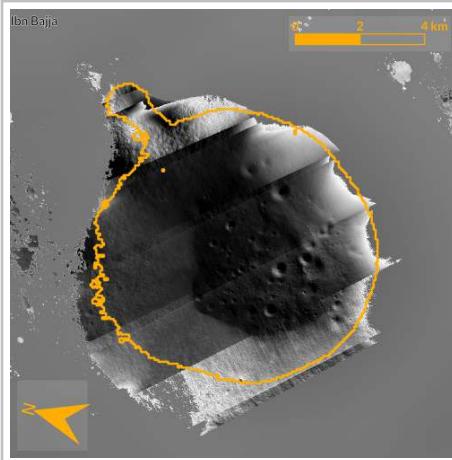
SP_862590_2848540_2009-228



SP_862590_2848540_2012-227



SP_862590_2848540_2012-254

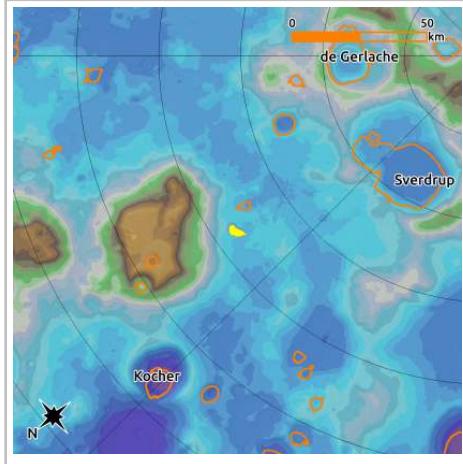


SP_862590_2848540_2013-243

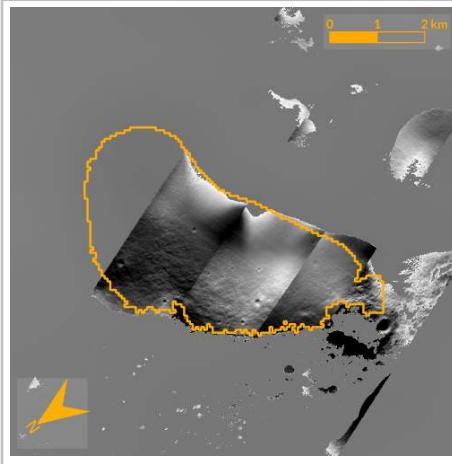
SP_862670_2349900

Lunar Features: Sverdrup Crater, Kocher Crater
Centroid Latitude: -86.267
Centroid Longitude: 234.99
Area (km²): 16.02
Perimeter (km): 26.76
Pixel Scale Range (m): 9-10
Coverage (%): 90

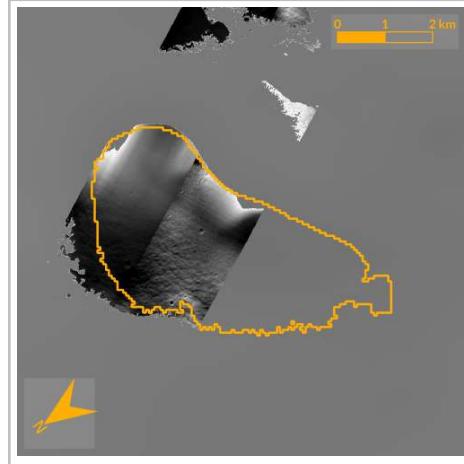
Features of Interest:
Notes: Smooth and textured terrain
Image Lists: lroc.sese.asu.edu/psr/SP_862670_2349900



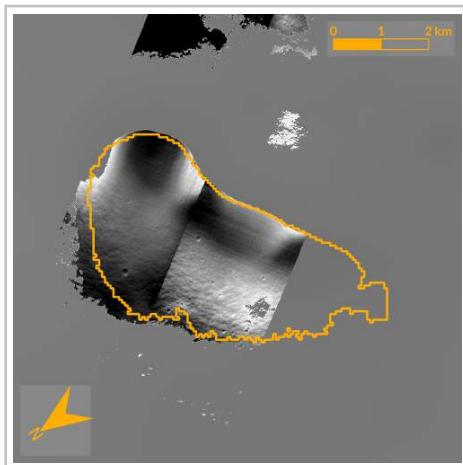
SP_862670_2349900_WAC_Color_Shade_Context



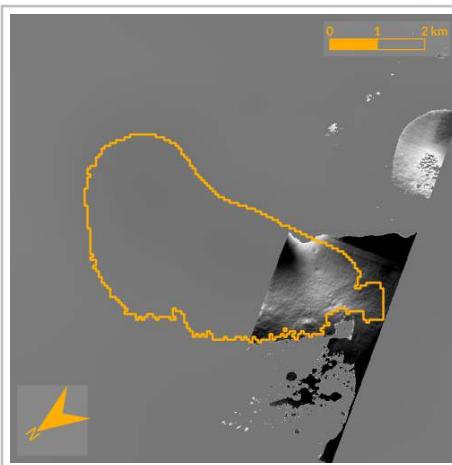
SP_862670_2349900_2012-230



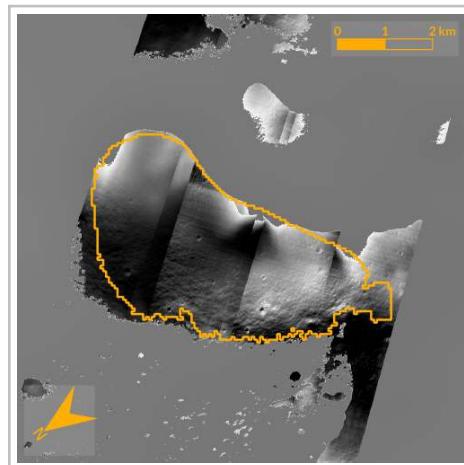
SP_862670_2349900_2013-218



SP_862670_2349900_2014-208



SP_862670_2349900_2014-209

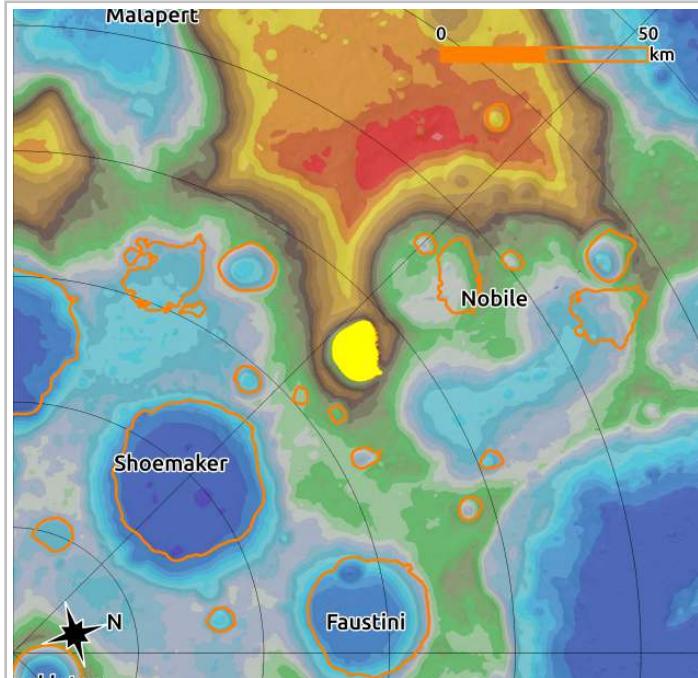


SP_862670_2349900_2015-198

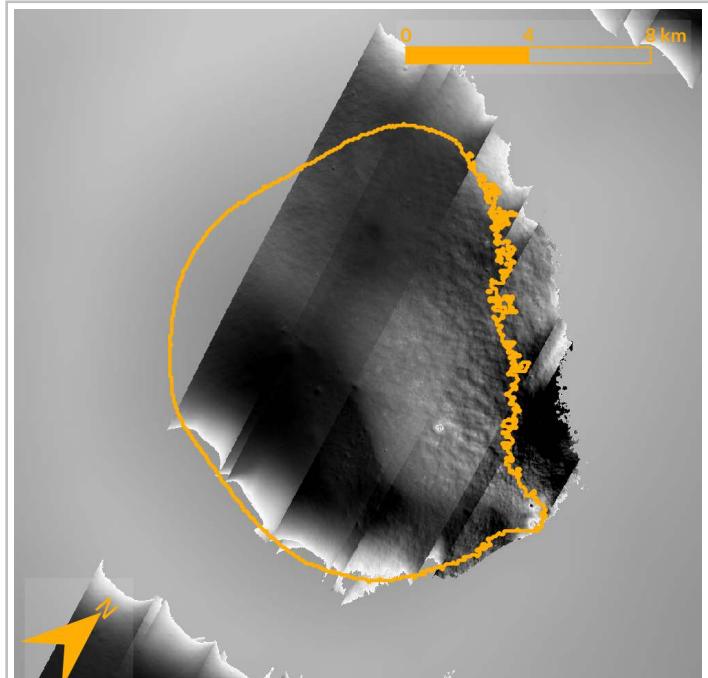
SP_863550_0488280

Lunar Features: Shoemaker Crater, Nobile Crater
Centroid Latitude: -86.355
Centroid Longitude: 48.828
Area (km²): 132.35
Perimeter (km): 98.52
Pixel Scale Range (m): 1-20
Coverage (%): 70

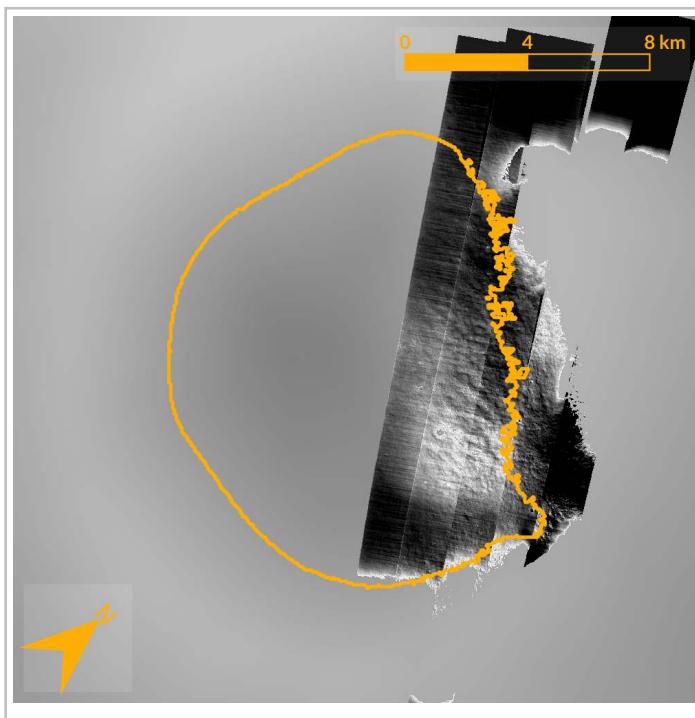
Features of Interest: 2012-271 (M1103368617R): 50.974, -86.304 (S1105 L1757) - crater with high reflectance on crater wall
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_863550_0488280



SP_863550_0488280_WAC_Color_Shade_context



SP_863550_0488280_2012-271



SP_863550_0488280_2015-239

SP_864040_0314430

Lunar Features: Nobile Crater, Haworth Crater
Centroid Latitude: -86.404
Centroid Longitude: 31.443
Area (km²): 120.57
Perimeter (km): 55.44
Pixel Scale Range (m): 8-20
Coverage (%): 70

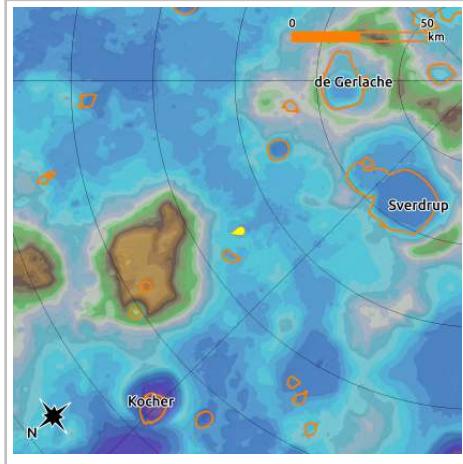
Features of Interest:
Notes: Dark crater floor
Image Lists: lroc.sese.asu.edu/psr/SP_864040_0314430

This PSR entry has too many images!

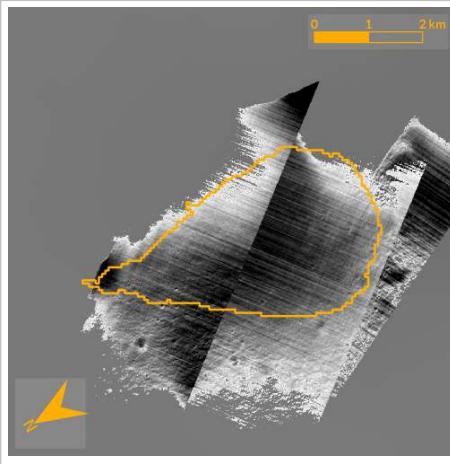
SP_865300_2381460

Lunar Features: Sverdrup Crater, Kocher Crater
Centroid Latitude: -86.53
Centroid Longitude: 238.146
Area (km²): 10.36
Perimeter (km): 18.24
Pixel Scale Range (m): 9-10
Coverage (%): 50

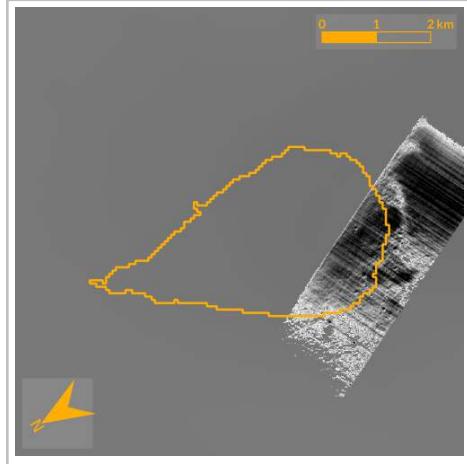
Features of Interest:
Notes: Bad images
Image Lists: lroc.sese.asu.edu/psr/SP_865300_2381460



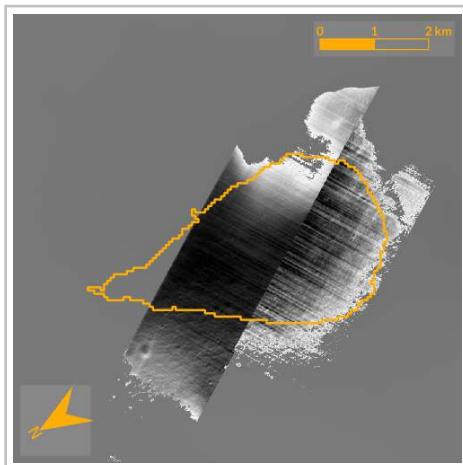
SP_865300_2381460_WAC_Color_Shade_context



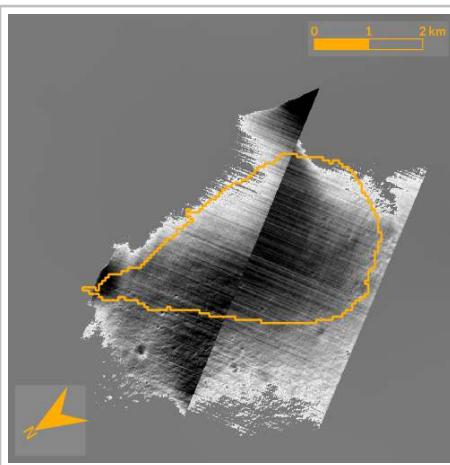
SP_865300_2381460_full



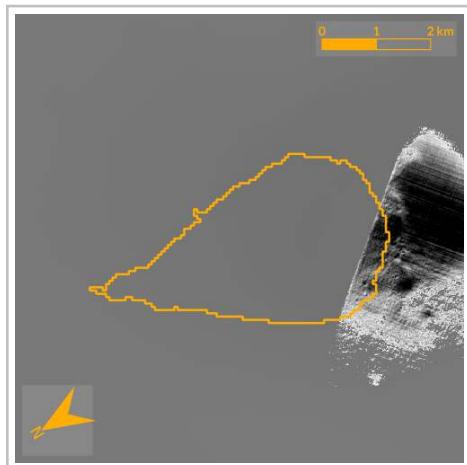
SP_865300_2381460_2012-230



SP_865300_2381460_2013-218



SP_865300_2381460_2014-208

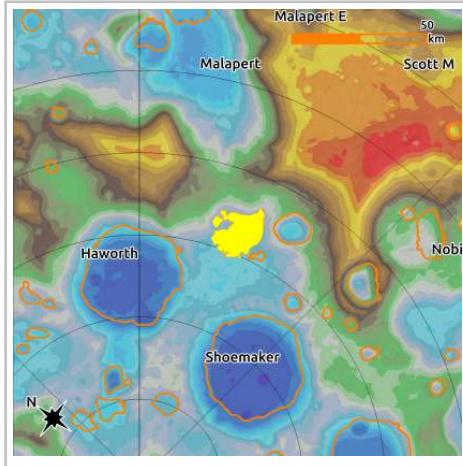


SP_865300_2381460_2014-209

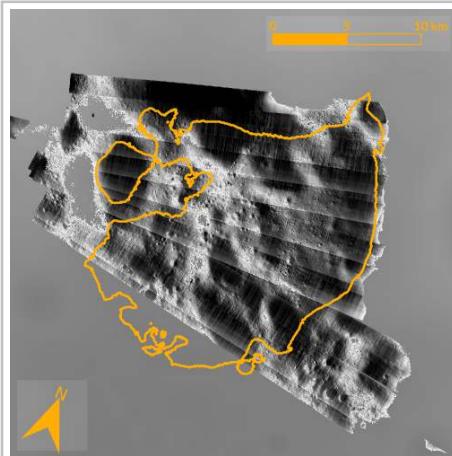
SP_867440_0218610

Lunar Features: Haworth Crater, Shoemaker Crater
Centroid Latitude: -86.744
Centroid Longitude: 21.861
Area (km²): 237.29
Perimeter (km): 170.64
Pixel Scale Range (m): 8-20
Coverage (%): 85

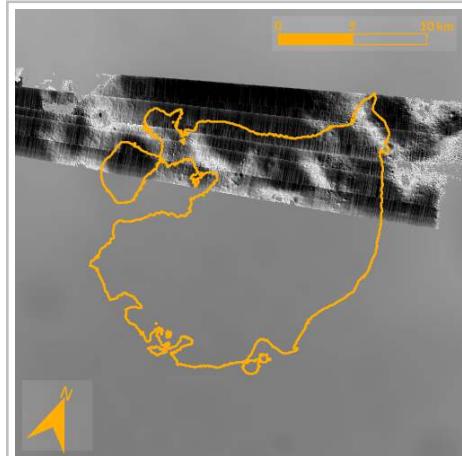
Features of Interest:
Notes: Hummocky terrain
Image Lists: lroc.sese.asu.edu/psr/SP_867440_0218610



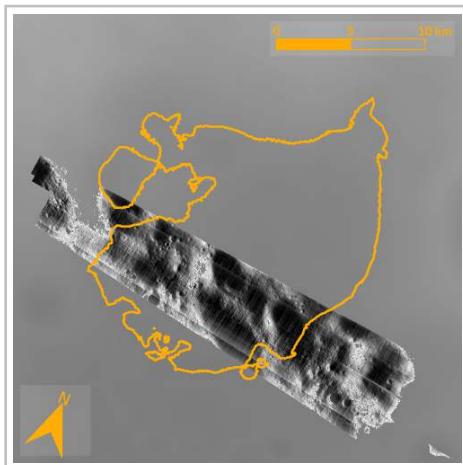
SP_867440_0218610_WAC_Color_Shade_context



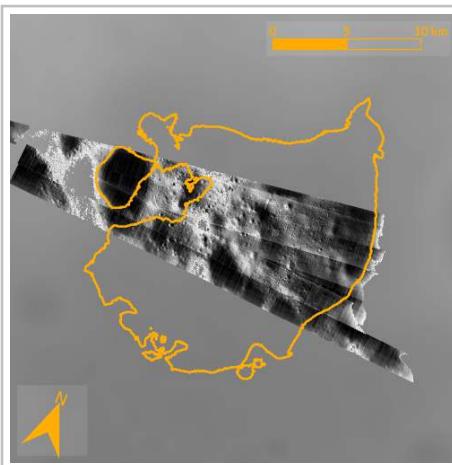
SP_867440_0218610_full



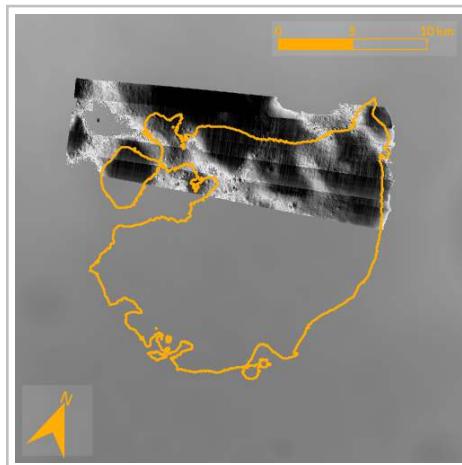
SP_867440_0218610_2015-165



SP_867440_0218610_2015-190



SP_867440_0218610_2015-191

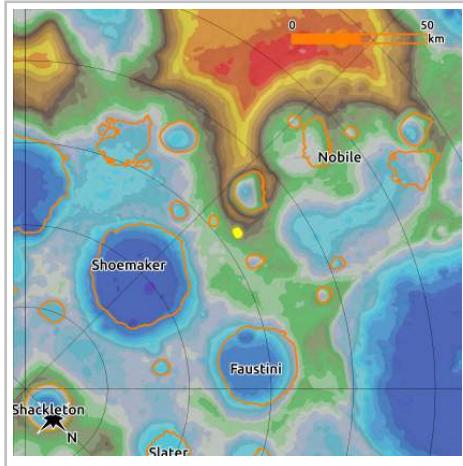


SP_867440_0218610_2015-192

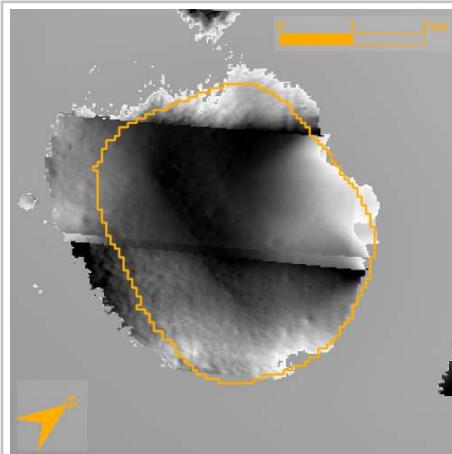
SP_867870_0536640

Lunar Features: Shoemaker Crater, Nobile Crater
Centroid Latitude: -86.787
Centroid Longitude: 53.664
Area (km²): 11.44
Perimeter (km): 16.2
Pixel Scale Range (m): 1-20
Coverage (%): 90

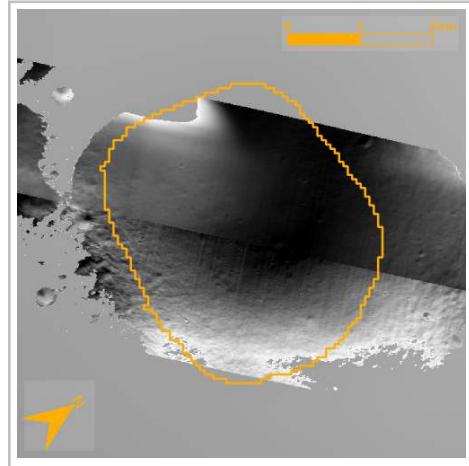
Features of Interest: 2013-158 (M1125281265L): 53.461, -86.790 (S1484 L363) - smooth dark crater floor; (S1436 L376) - bright crater wall
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_867870_0536640



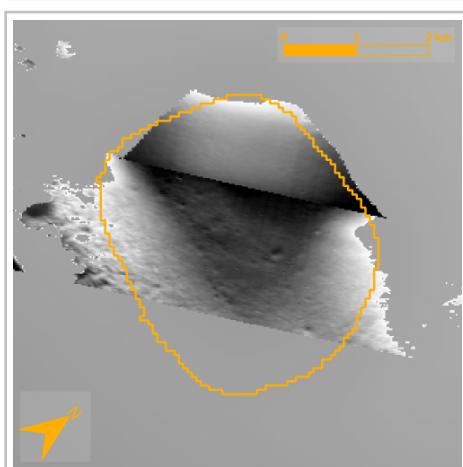
SP_867870_0536640_WAC_Color_Shade_context



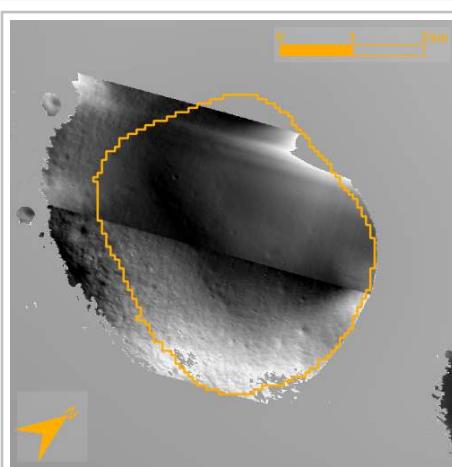
SP_867870_0536640_2012-252



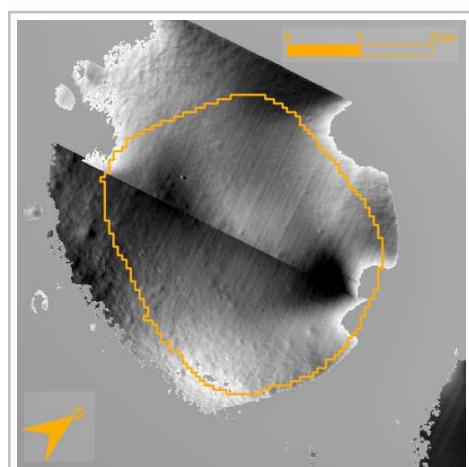
SP_867870_0536640_2013-131



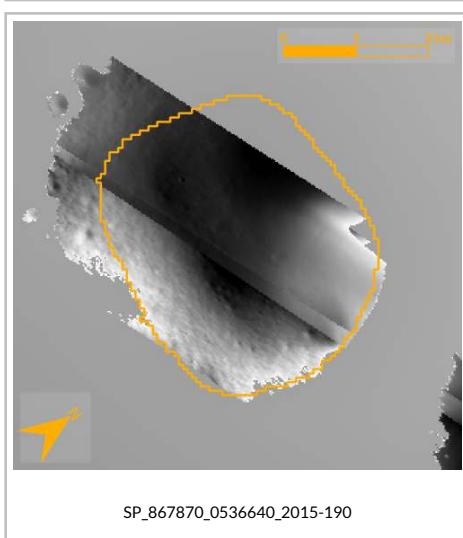
SP_867870_0536640_2013-158



SP_867870_0536640_2013-213



SP_867870_0536640_2014-229



SP_867870_0536640_2015-190

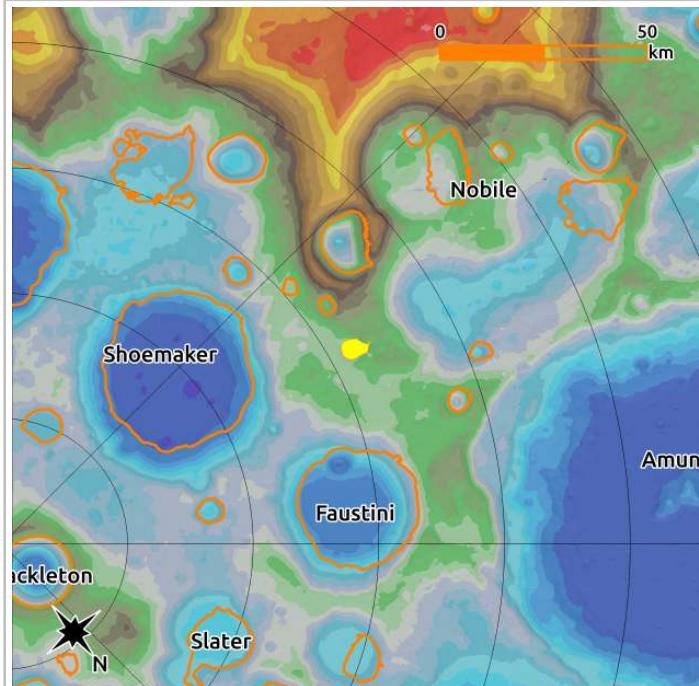
SP_867930_0609460

Lunar Features: Shoemaker Crater, Nobile Crater
Centroid Latitude: -86.793
Centroid Longitude: 60.946
Area (km²): 24.32
Perimeter (km): 29.28
Pixel Scale Range (m): 1-20
Coverage (%): 15

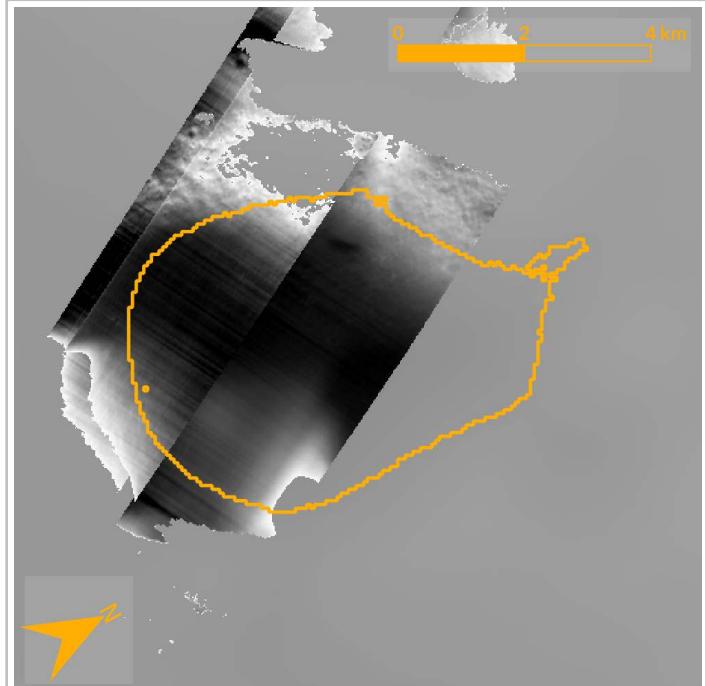
Features of Interest:

Notes:

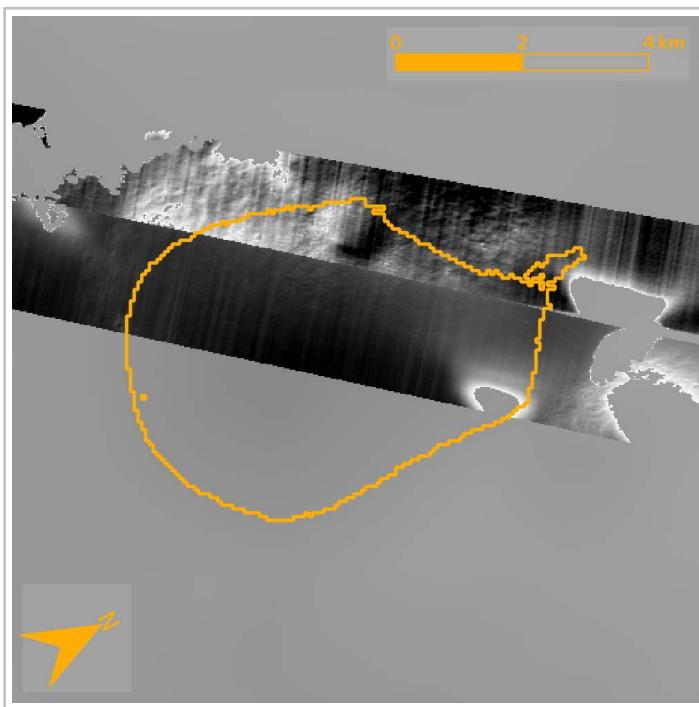
Image Lists: lroc.sese.asu.edu/psr/SP_867930_0609460



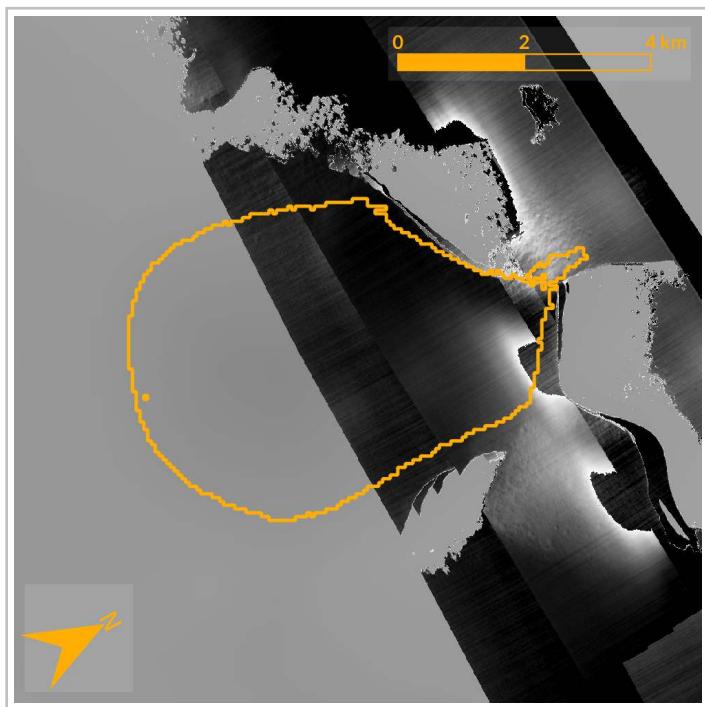
SP_867930_0609460_WAC_Color_Shade_context



SP_867930_0609460_2012-271



SP_867930_0609460_2012-279



SP_867930_0609460_2018-127

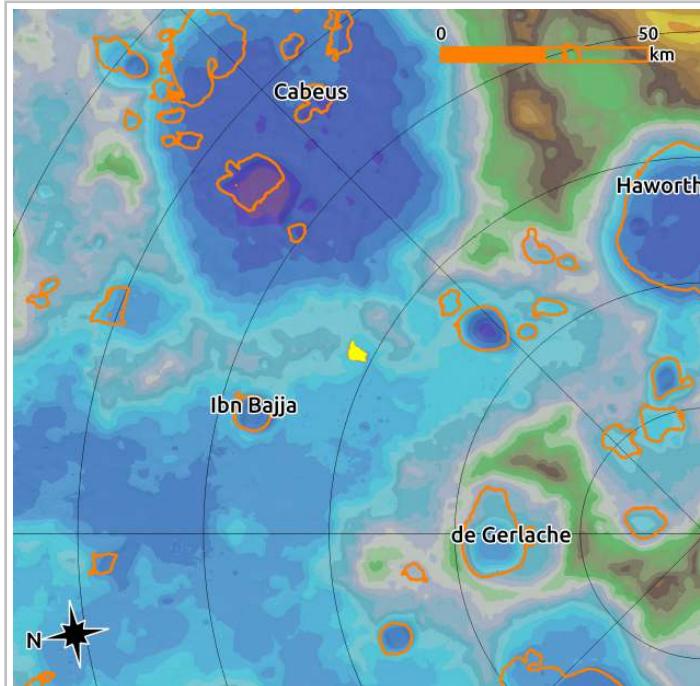
SP_868670_2973140

Lunar Features: Ibn Bajja Crater, Haworth Crater
Centroid Latitude: -86.867
Centroid Longitude: 297.314
Area (km²): 14.24
Perimeter (km): 28.44
Pixel Scale Range (m): 1-20
Coverage (%): 90

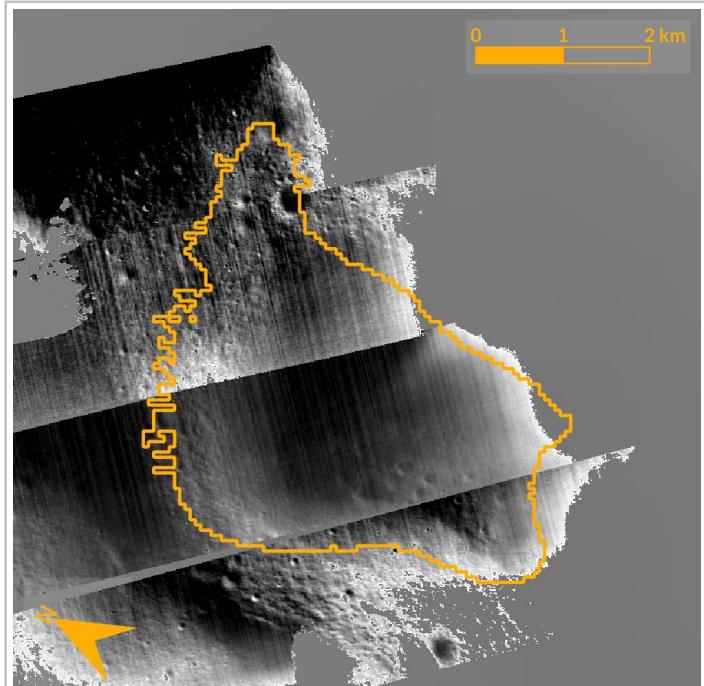
Features of Interest:

Notes:

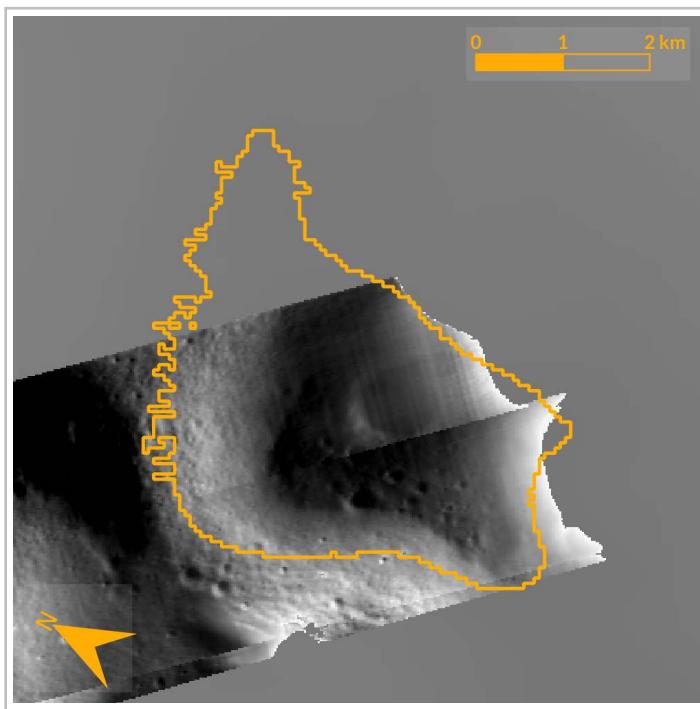
Image Lists: lroc.sese.asu.edu/psr/SP_868670_2973140



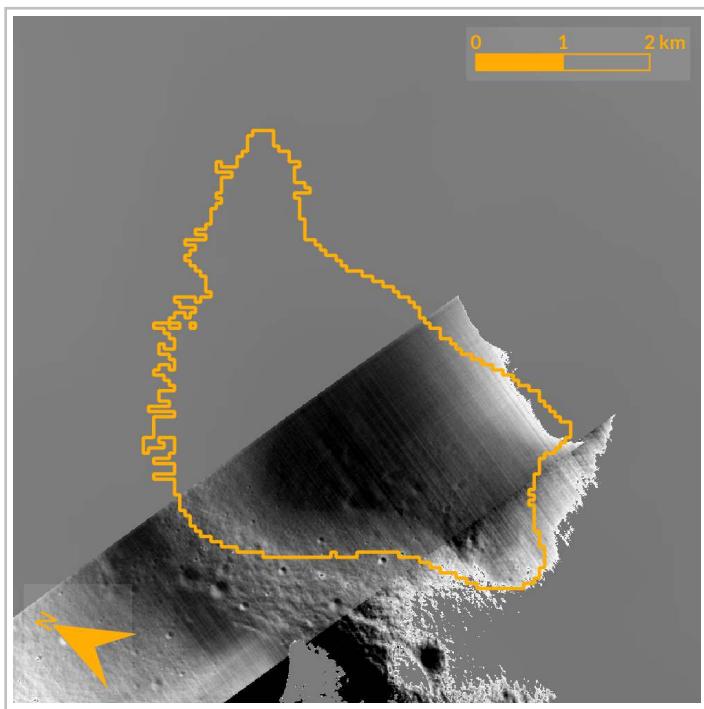
SP_868670_2973140_WAC_Color_Shade_context



SP_868670_2973140_2012-226



SP_868670_2973140_2012-254



SP_868670_2973140_2014-233

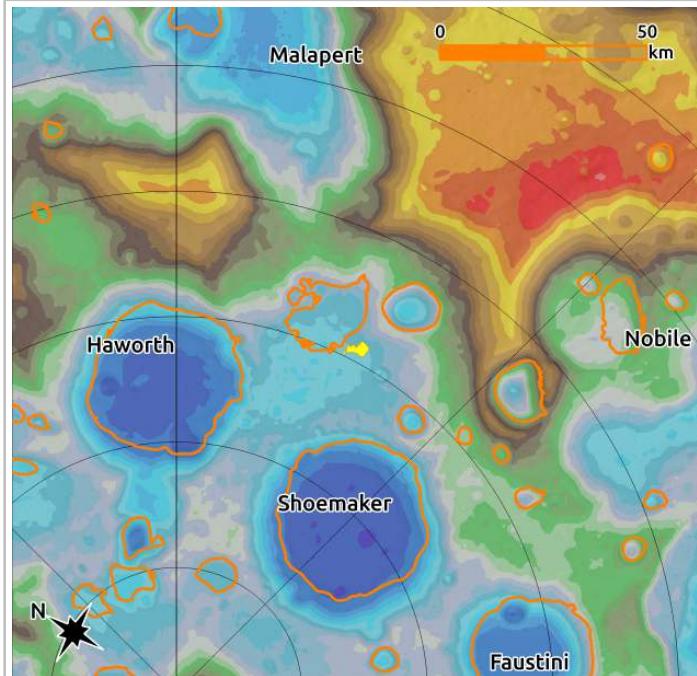
SP_869020_0278760

Lunar Features: Haworth Crater, Shoemaker Crater
Centroid Latitude: -86.902
Centroid Longitude: 27.876
Area (km²): 11.43
Perimeter (km): 30.72
Pixel Scale Range (m): 8-20
Coverage (%): 80

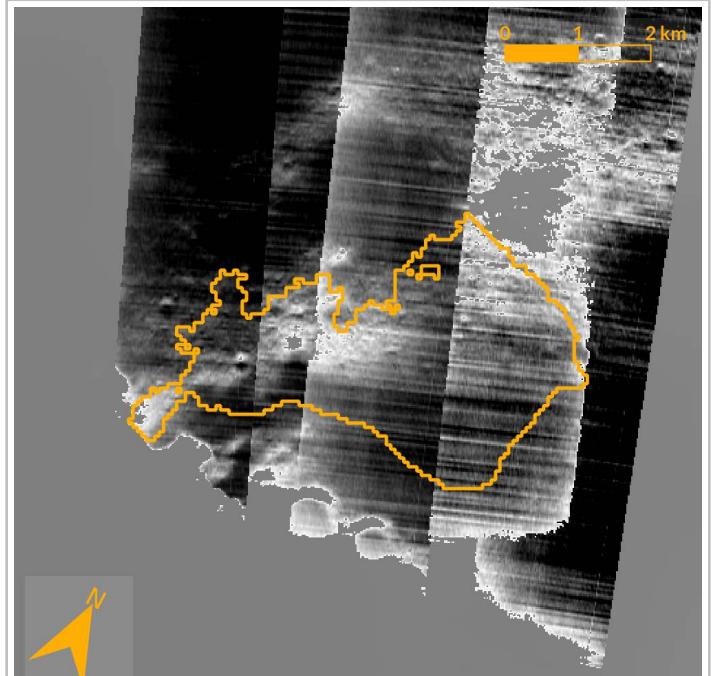
Features of Interest:

Notes:

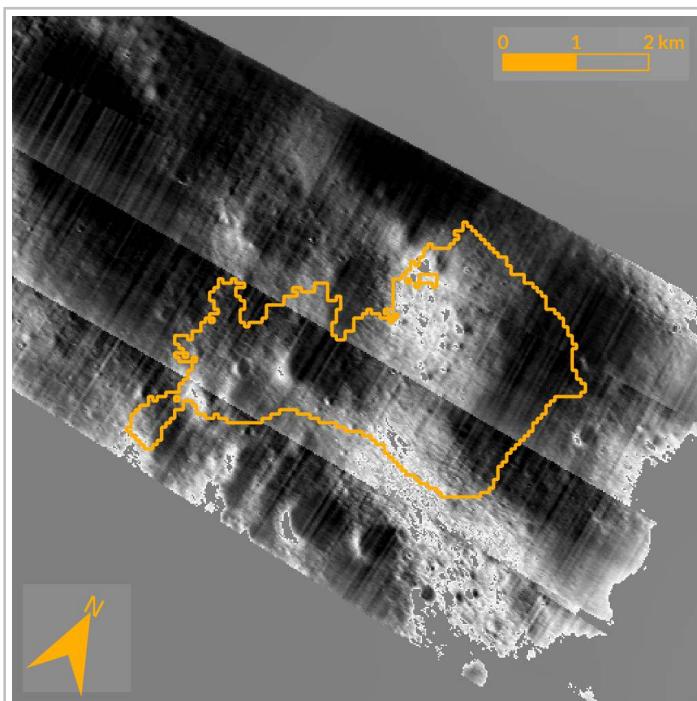
Image Lists: lroc.sese.asu.edu/psr/SP_869020_0278760



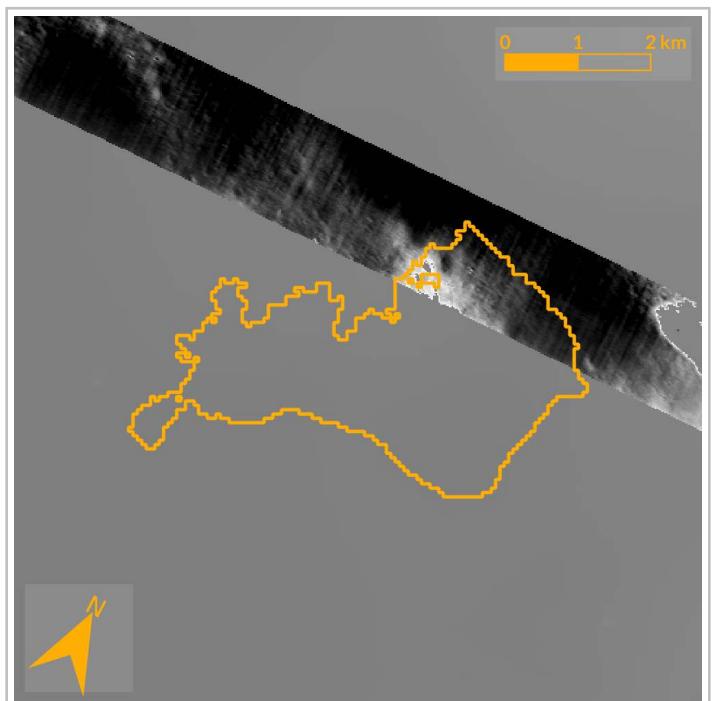
SP_869020_0278760_WAC_Color_Shade_context



SP_869020_0278760_2012-245



SP_869020_0278760_2015-190



SP_869020_0278760_2015-191

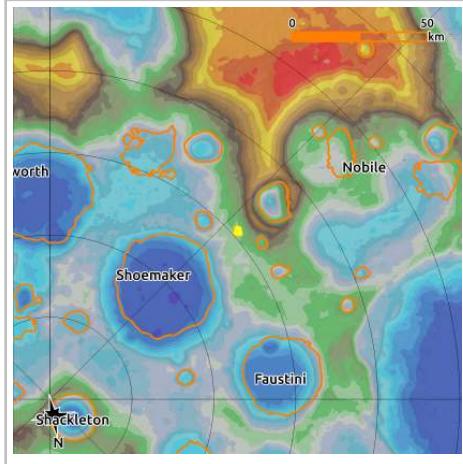
SP_869250_0482770

Lunar Features: Shoemaker Crater, Nobile Crater
Centroid Latitude: -86.925
Centroid Longitude: 48.277
Area (km²): 10.91
Perimeter (km): 18.84
Pixel Scale Range (m): 1-20
Coverage (%): 100

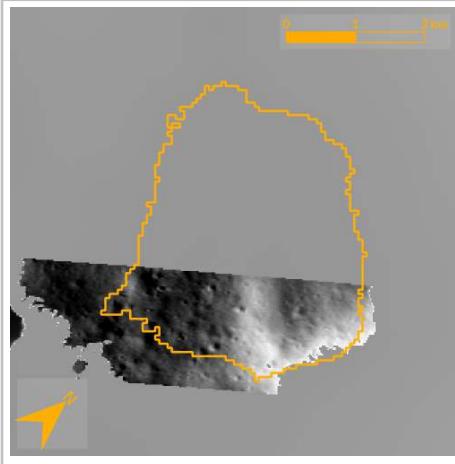
Features of Interest:

Notes:

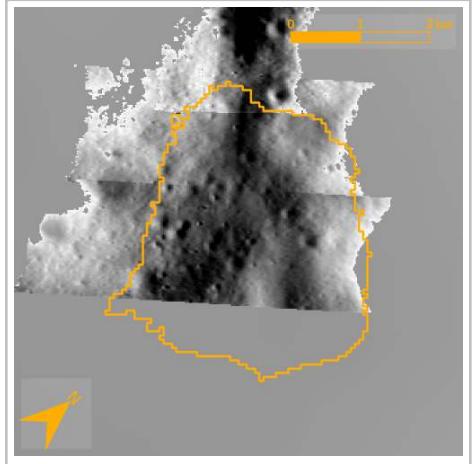
Image Lists: lroc.sese.asu.edu/psr/SP_869250_0482770



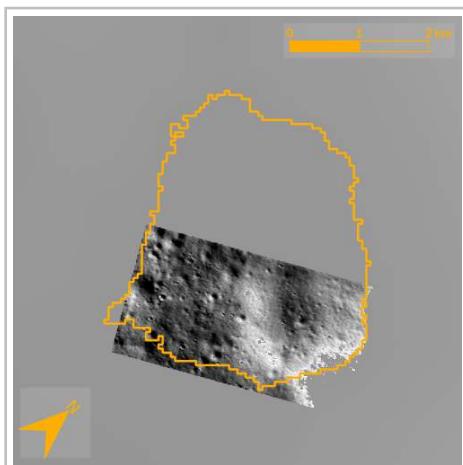
SP_869250_0482770_WAC_Color_Shade_context



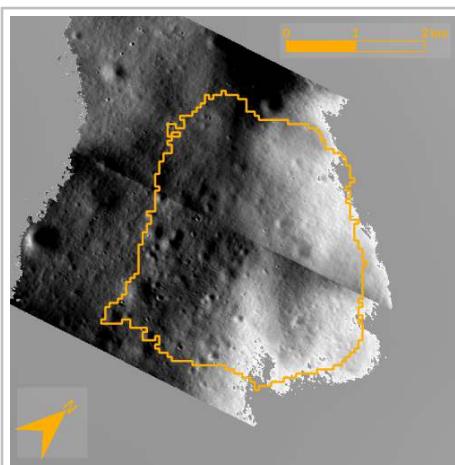
SP_869250_0482770_2012-252



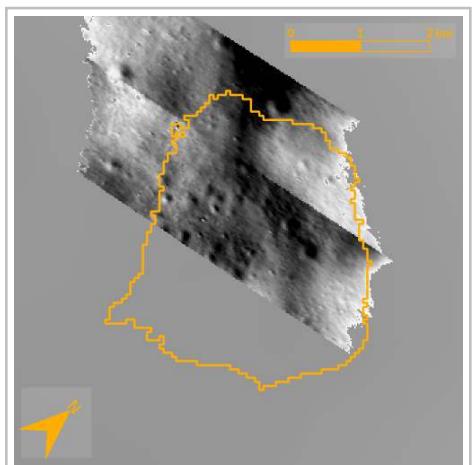
SP_869250_0482770_2012-280



SP_869250_0482770_2013-213



SP_869250_0482770_2014-229

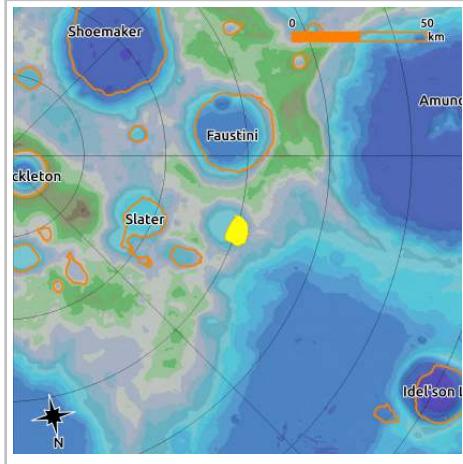


SP_869250_0482770_2015-190

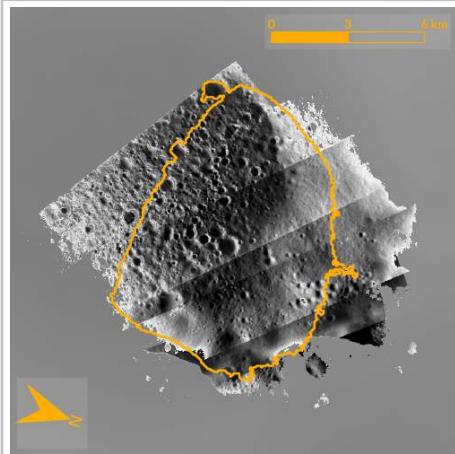
SP_869800_1078330

Lunar Features: Faustini Crater, Slater Crater
Centroid Latitude: -86.98
Centroid Longitude: 107.833
Area (km²): 68.55
Perimeter (km): 59.04
Pixel Scale Range (m): 10-20
Coverage (%): 90

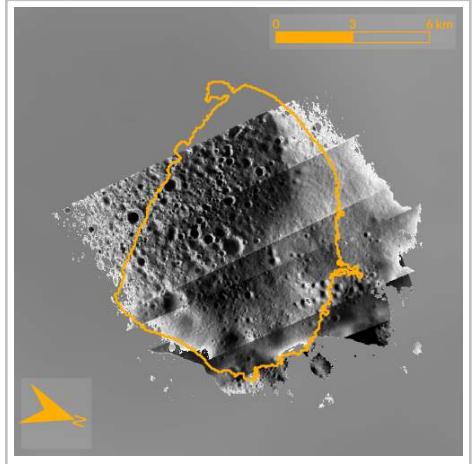
Features of Interest:
Notes: High density of craters
Image Lists: lroc.sese.asu.edu/psr/SP_869800_1078330



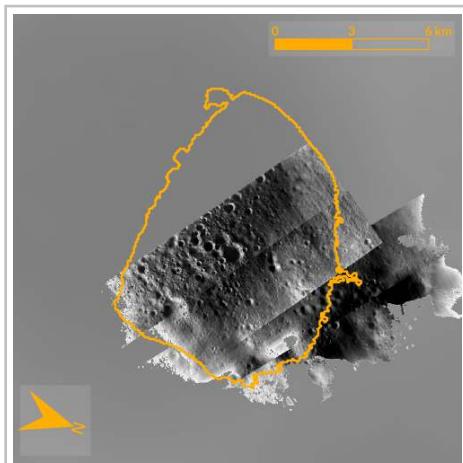
SP_869800_1078330_WAC_Color_Shade_context



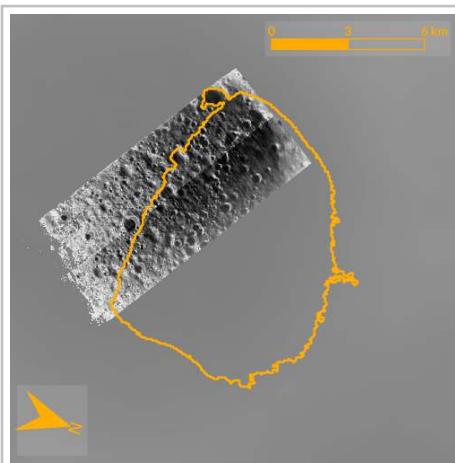
SP_869800_1078330_full



SP_869800_1078330_2012-268



SP_869800_1078330_2013-257

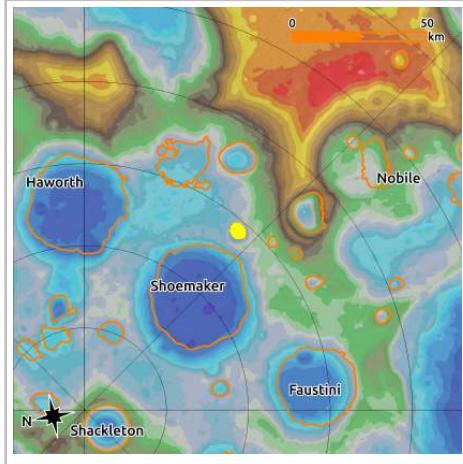


SP_869800_1078330_2013-258

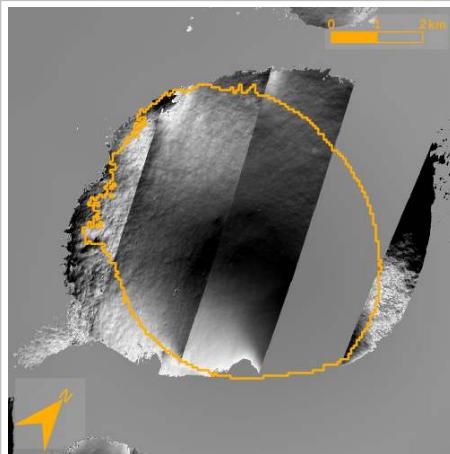
SP_871270_0406840

Lunar Features: Shoemaker Crater, Nobile Crater
Centroid Latitude: -87.127
Centroid Longitude: 40.684
Area (km²): 30.61
Perimeter (km): 32.52
Pixel Scale Range (m): 10-20
Coverage (%): 90

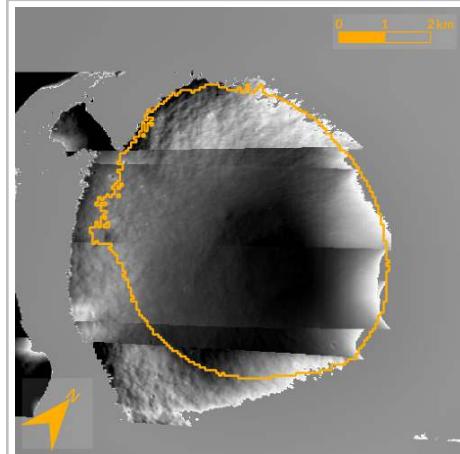
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_871270_0406840



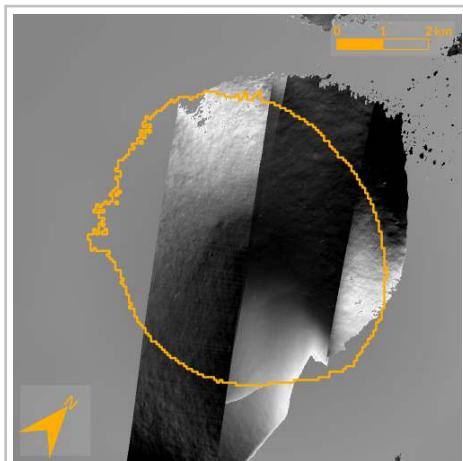
SP_871270_0406840_WAC_Color_Shade_context



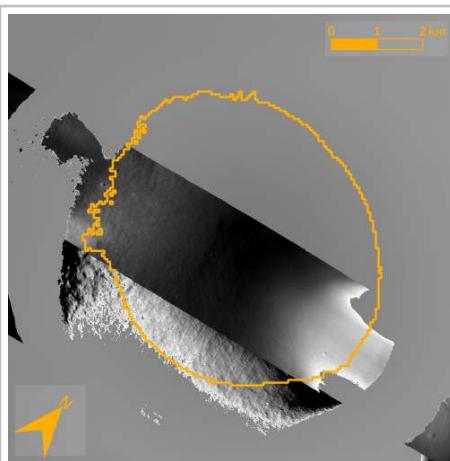
SP_871270_0406840_2012-217



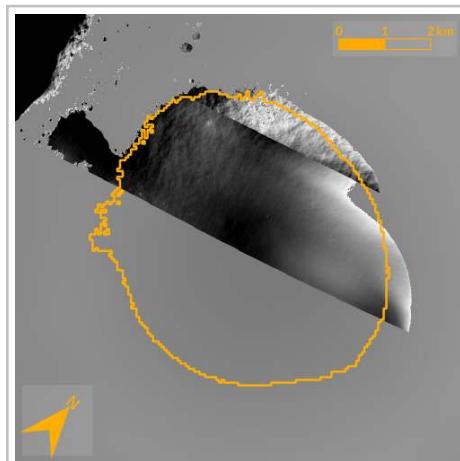
SP_871270_0406840_2012-280



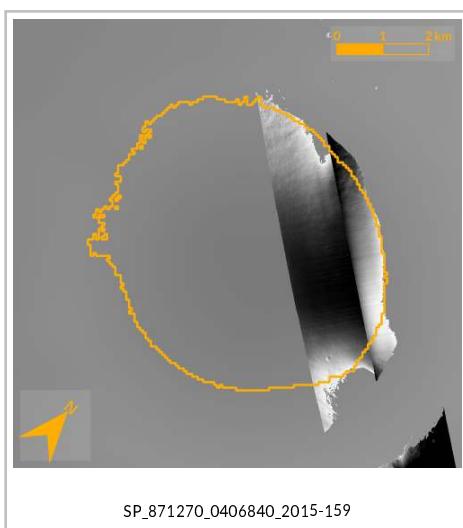
SP_871270_0406840_2013-206



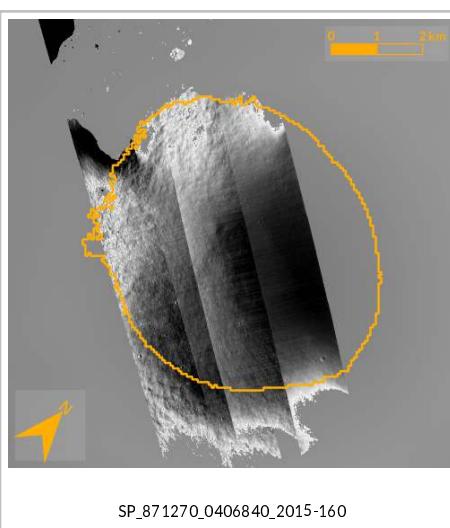
SP_871270_0406840_2014-228



SP_871270_0406840_2014-229



SP_871270_0406840_2015-159

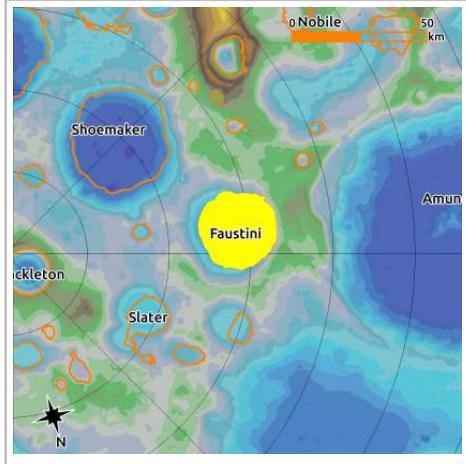


SP_871270_0406840_2015-160

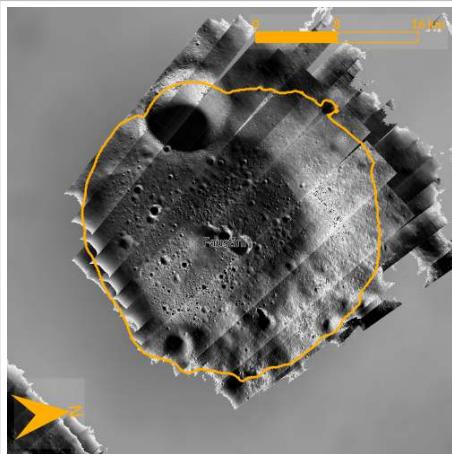
SP_871460_0840750

Lunar Features: Faustini Crater,
Centroid Latitude: -87.146
Centroid Longitude: 84.075
Area (km²): 663.93
Perimeter (km): 133.44
Pixel Scale Range (m): 1-20
Coverage (%): 97

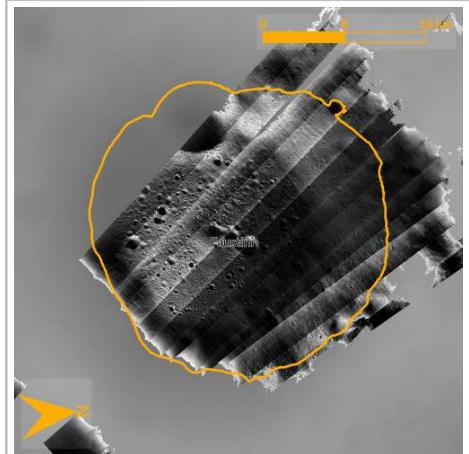
Features of Interest: 2012-243 (M1100925754R): 82.056, -87.218 (S1551 L2928) - heavily cratered floor
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_871460_0840750



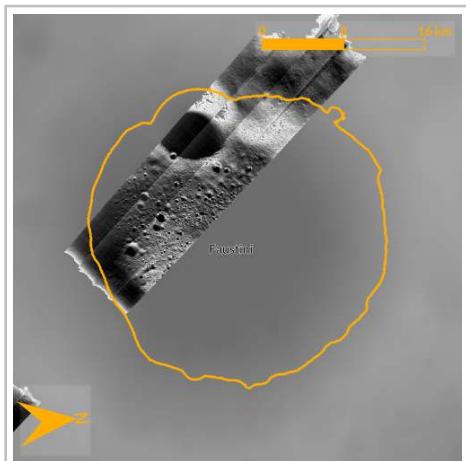
SP_871460_0840750_WAC_Color_Shade_context



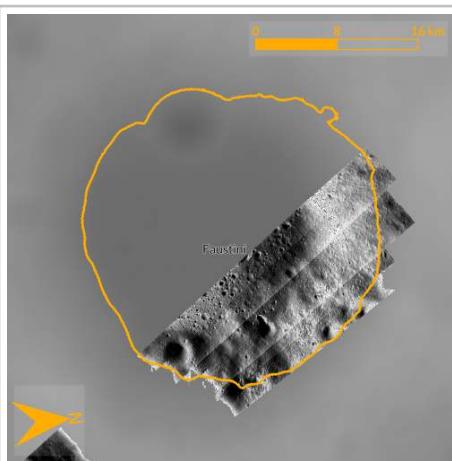
SP_871460_0840750_full



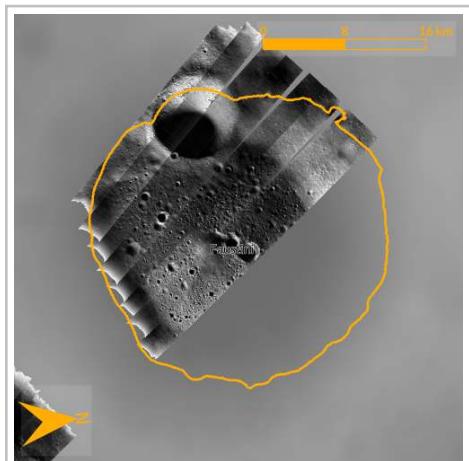
SP_871460_0840750_2012-242



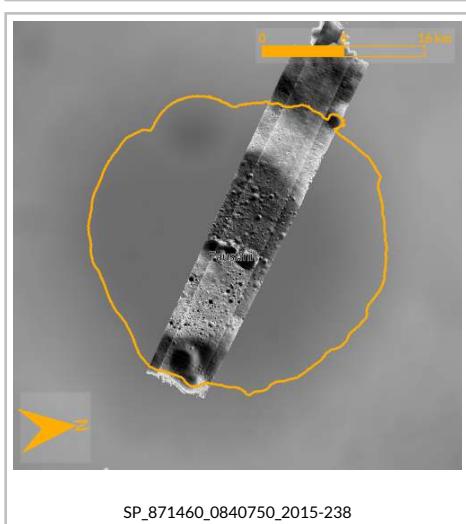
SP_871460_0840750_2012-243



SP_871460_0840750_2012-269



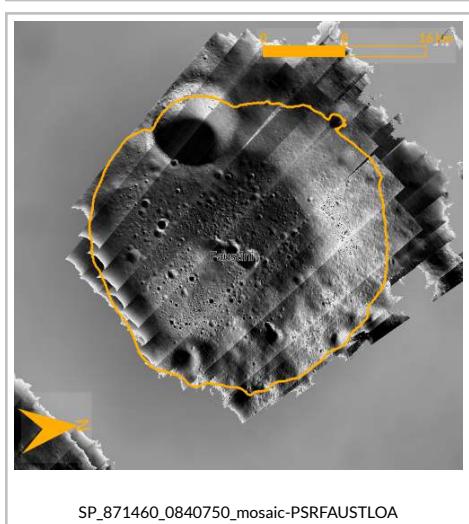
SP_871460_0840750_2012-270



SP_871460_0840750_2015-238



SP_871460_0840750_2015-239

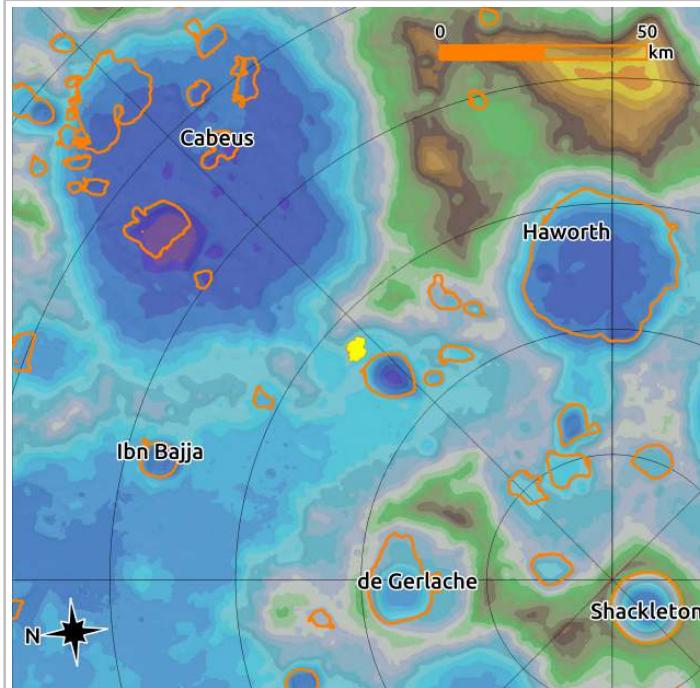


SP_871460_0840750_mosaic-PSRFAUSTLOA

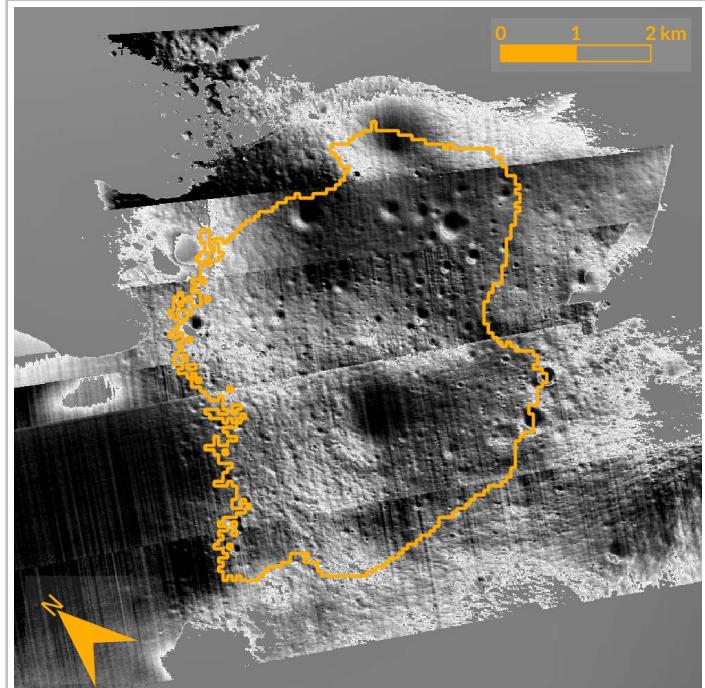
SP_872560_3120600

Lunar Features: Cabeus Crater, Haworth Crater
Centroid Latitude: -87.256
Centroid Longitude: 312.06
Area (km²): 20.42
Perimeter (km): 38.88
Pixel Scale Range (m): 10-20
Coverage (%): 90

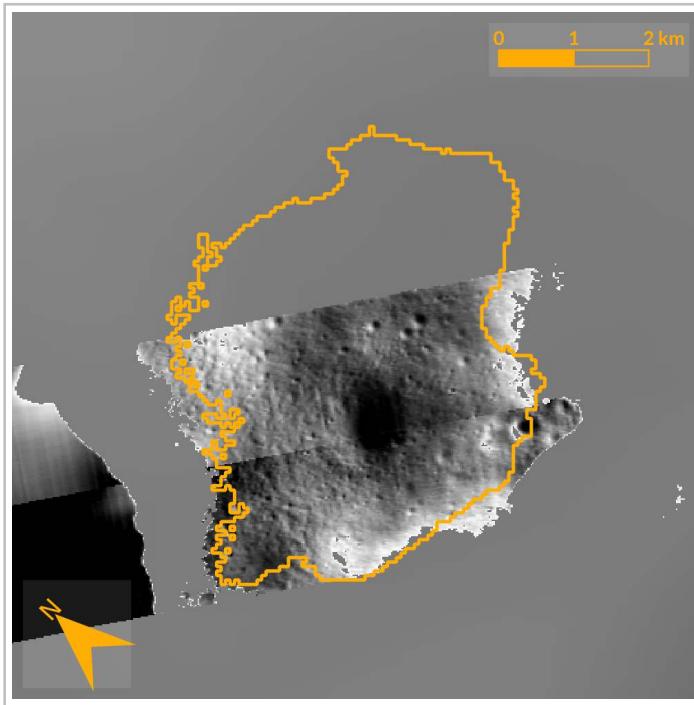
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_872560_3120600



SP_872560_3120600_WAC_Color_Shade_context



SP_872560_3120600_2012-226

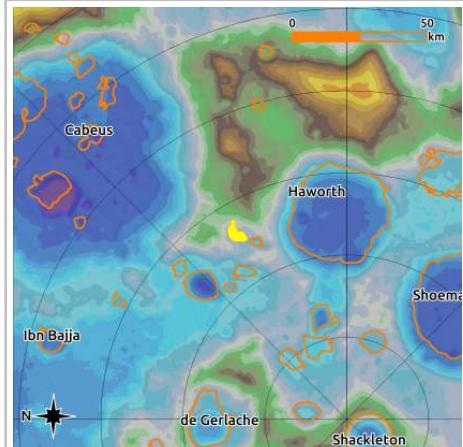


SP_872560_3120600_2012-253

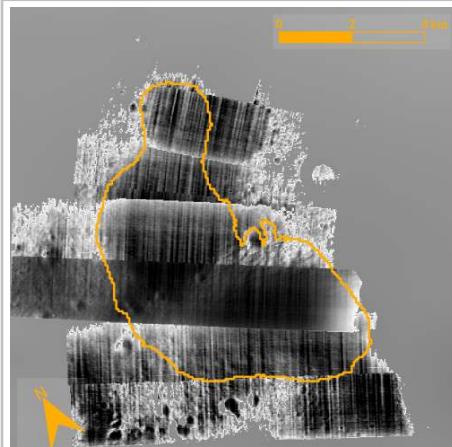
SP_873660_3292250

Lunar Features: Haworth Crater, Malapert Mountain,
Centroid Latitude: -87.366
Centroid Longitude: 329.225
Area (km²): 33.72
Perimeter (km): 36.6
Pixel Scale Range (m): 15-20
Coverage (%): 30

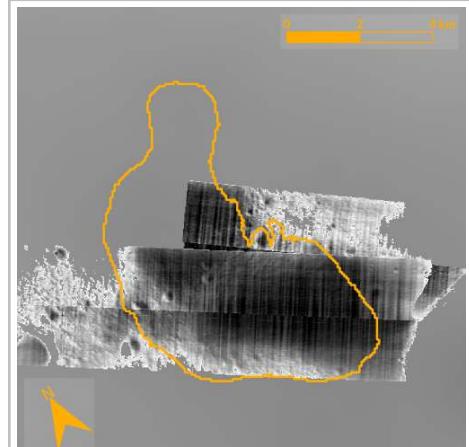
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_873660_3292250



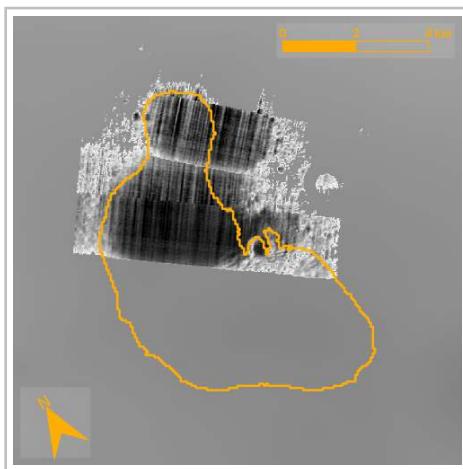
SP_873660_3292250_WAC_Color_Shade_context



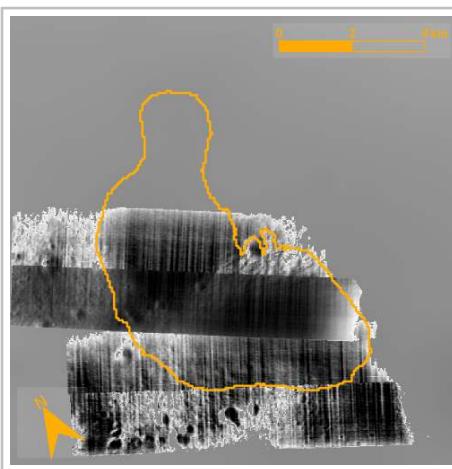
SP_873660_3292250_full



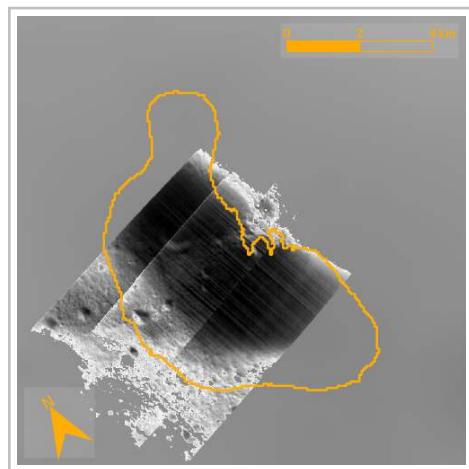
SP_873660_3292250_2012-252



SP_873660_3292250_2012-279



SP_873660_3292250_2012-280

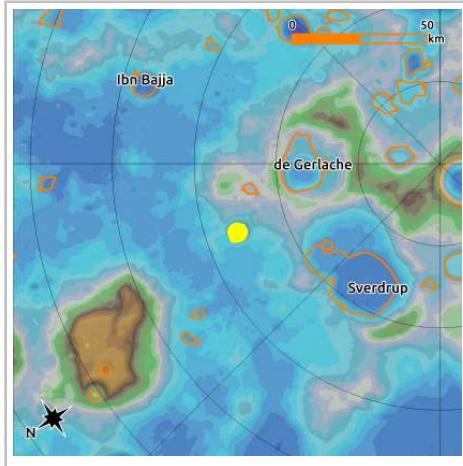


SP_873660_3292250_2014-234

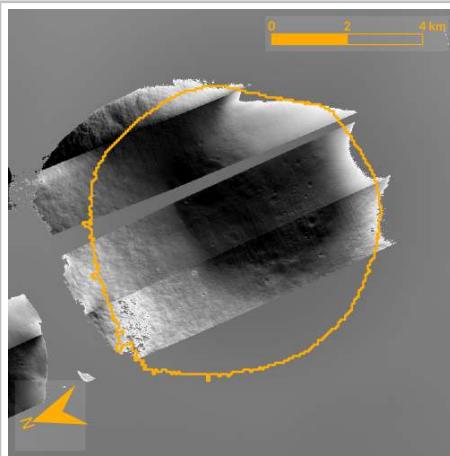
SP_873890_2512470

Lunar Features: Ibn Bajja Crater, Sverdrup Crater
Centroid Latitude: -87.389
Centroid Longitude: 251.247
Area (km²): 46.93
Perimeter (km): 36.24
Pixel Scale Range (m): 5-20
Coverage (%): 80

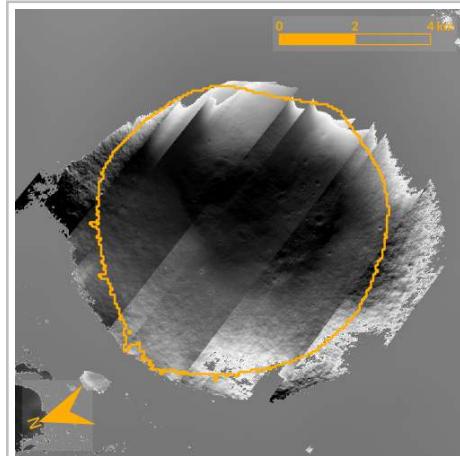
Features of Interest:
Notes: Dark crater floor
Image Lists: lroc.sese.asu.edu/psr/SP_873890_2512470



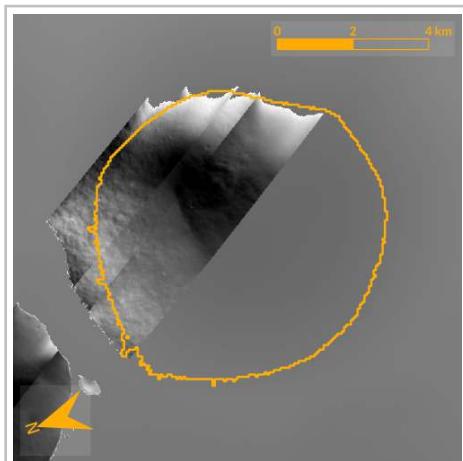
SP_873890_2512470_WAC_Color_Shade_context



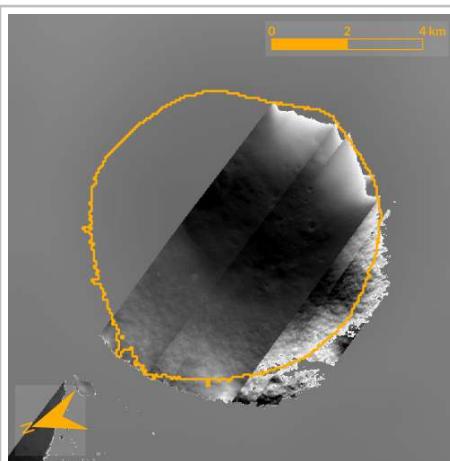
SP_873890_2512470_2009-230



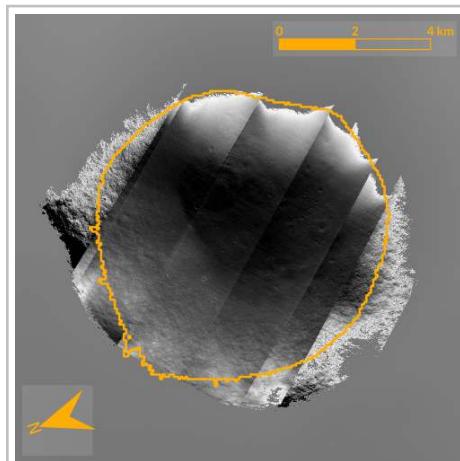
SP_873890_2512470_2012-229



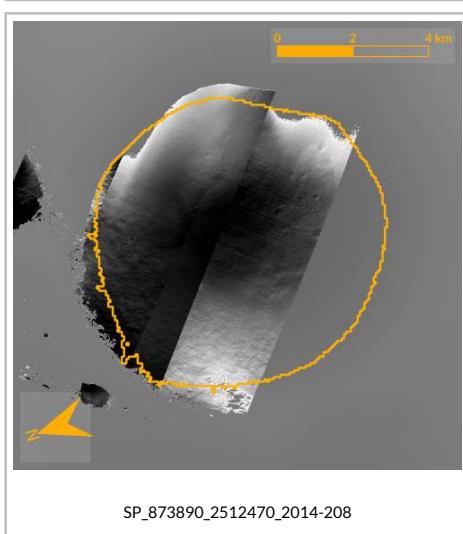
SP_873890_2512470_2012-256



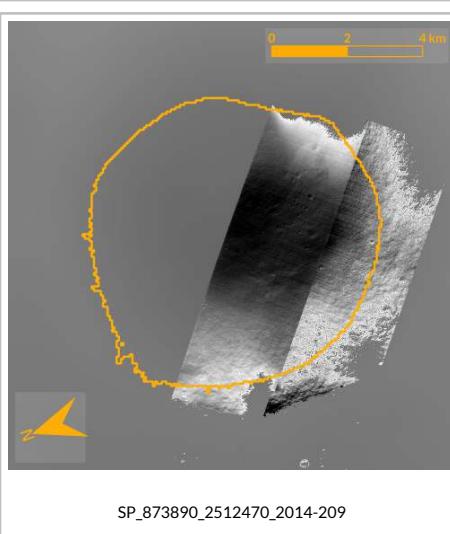
SP_873890_2512470_2012-257



SP_873890_2512470_2013-246



SP_873890_2512470_2014-208



SP_873890_2512470_2014-209

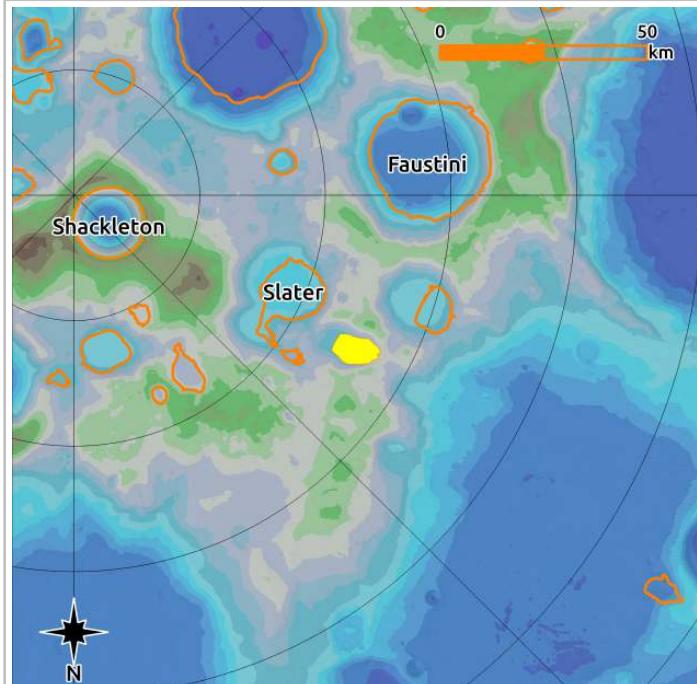
SP_874430_1188390

Lunar Features: Slater Crater
Centroid Latitude: -87.443
Centroid Longitude: 118.839
Area (km²): 61.47
Perimeter (km): 49.2
Pixel Scale Range (m): 15–20
Coverage (%): 80

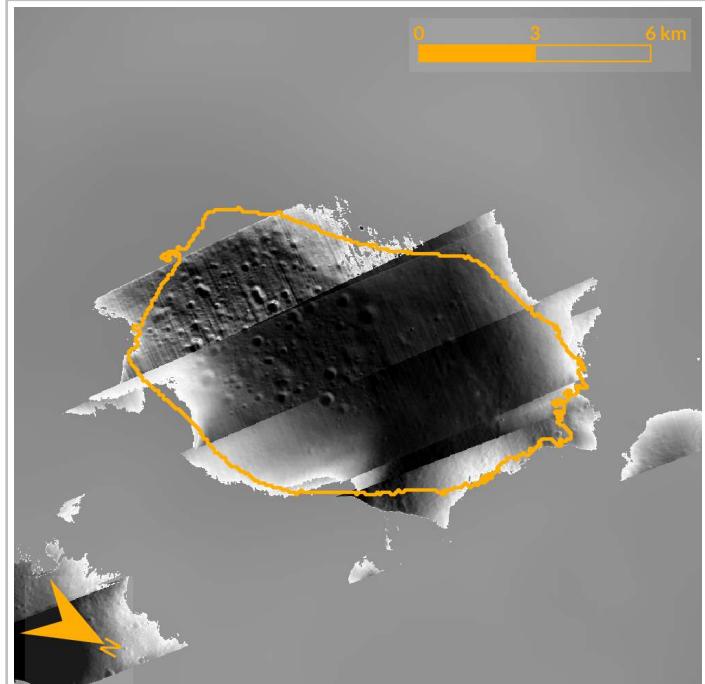
Features of Interest:

Notes:

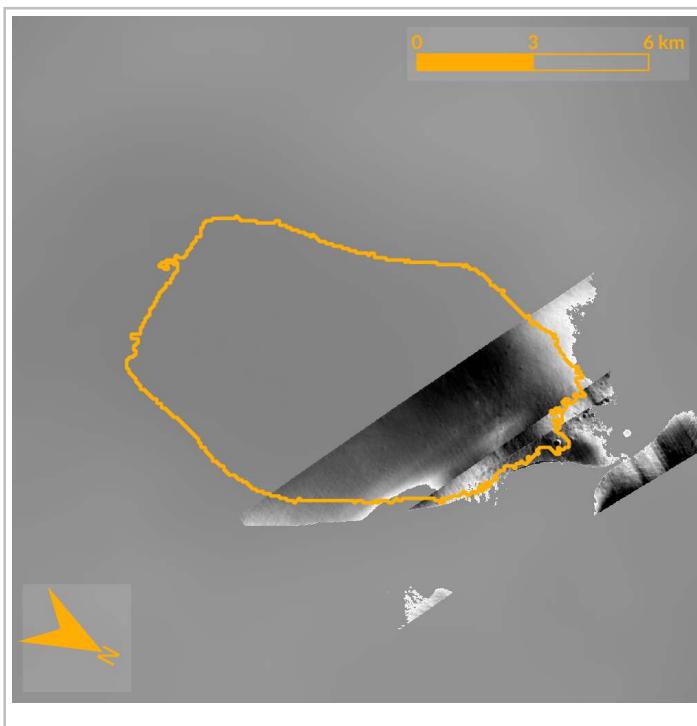
Image Lists: lroc.sese.asu.edu/psr/SP_874430_1188390



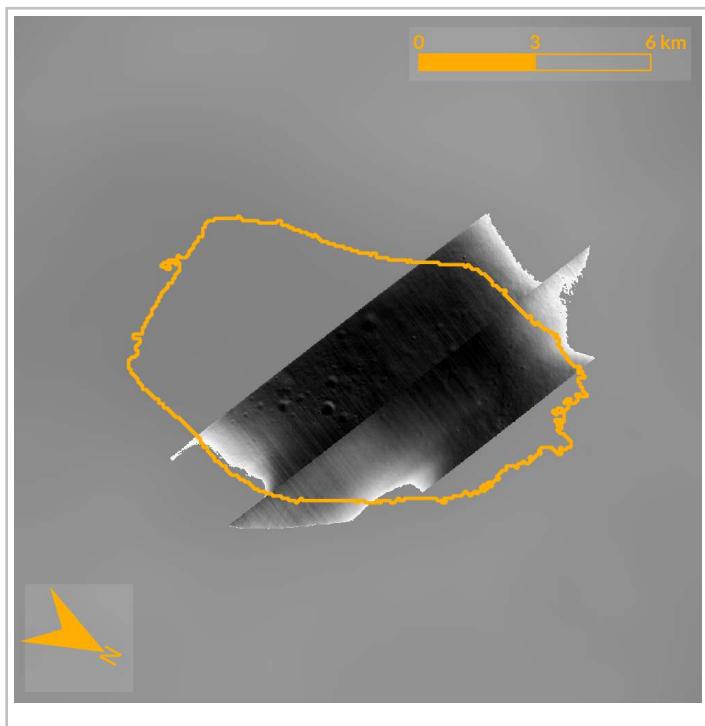
SP_874430_1188390_WAC_Color_Shade_context



SP_874430_1188390_2012-268



SP_874430_1188390_2013-257

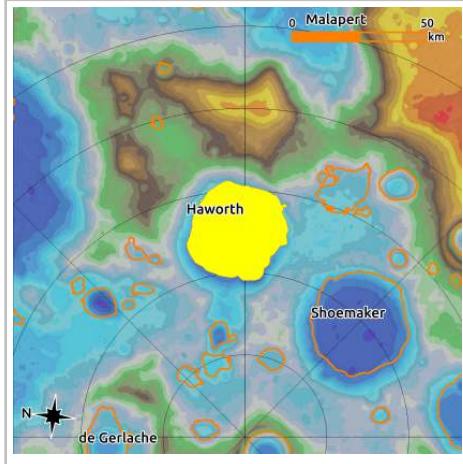


SP_874430_1188390_2013-258

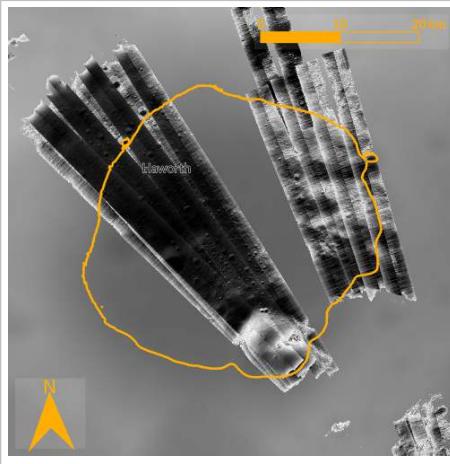
SP_874930_3578760

Lunar Features: Haworth Crater
Centroid Latitude: -87.493
Centroid Longitude: 357.876
Area (km²): 1017.93
Perimeter (km): 173.88
Pixel Scale Range (m): 10-20
Coverage (%): 50

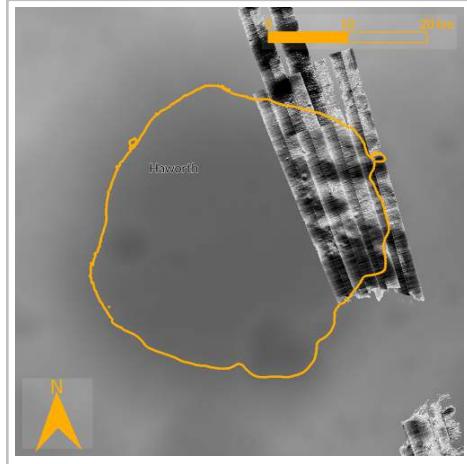
Features of Interest: 2012-276 (M1103804322R): 2.743, -87.914 (S2233 L3007) - smooth crater with high reflectance
Notes: Heavily cratered area
Image Lists: lroc.sese.asu.edu/psr/SP_874930_3578760



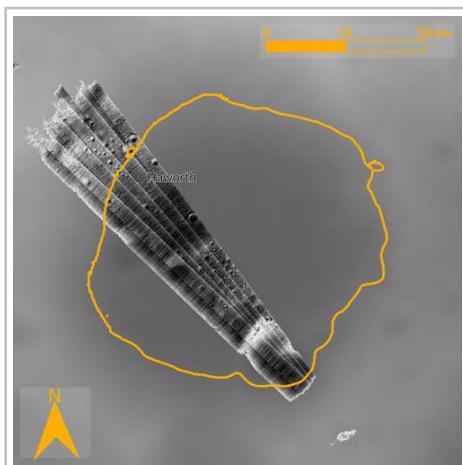
SP_874930_3578760_WAC_Color_Shade_context



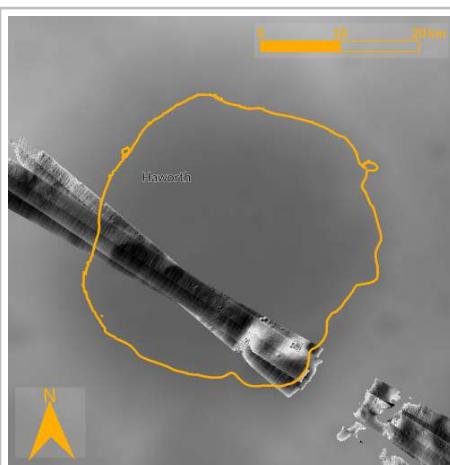
SP_874930_3578760_full



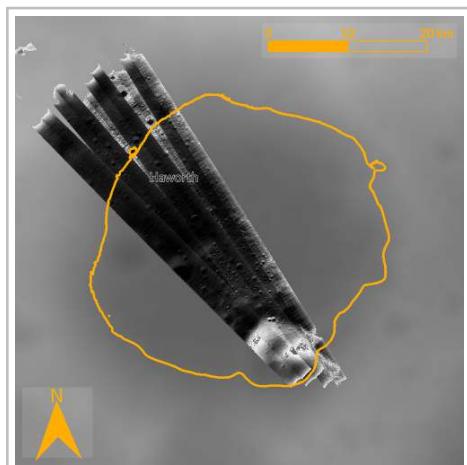
SP_874930_3578760_2012-247



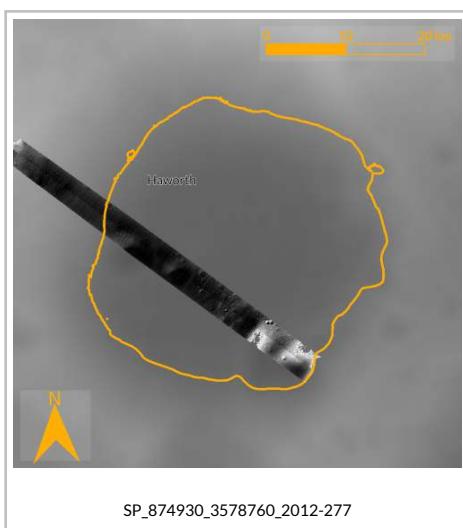
SP_874930_3578760_2012-249



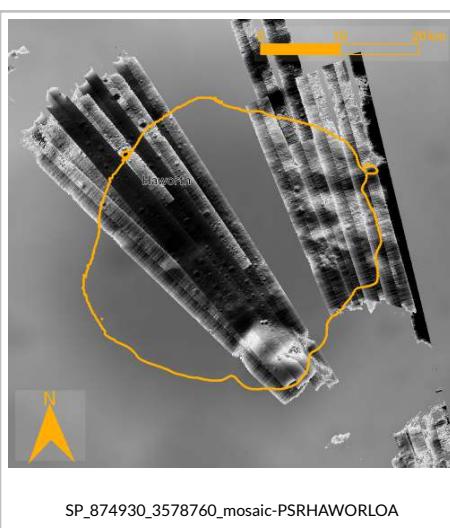
SP_874930_3578760_2012-250



SP_874930_3578760_2012-276



SP_874930_3578760_2012-277

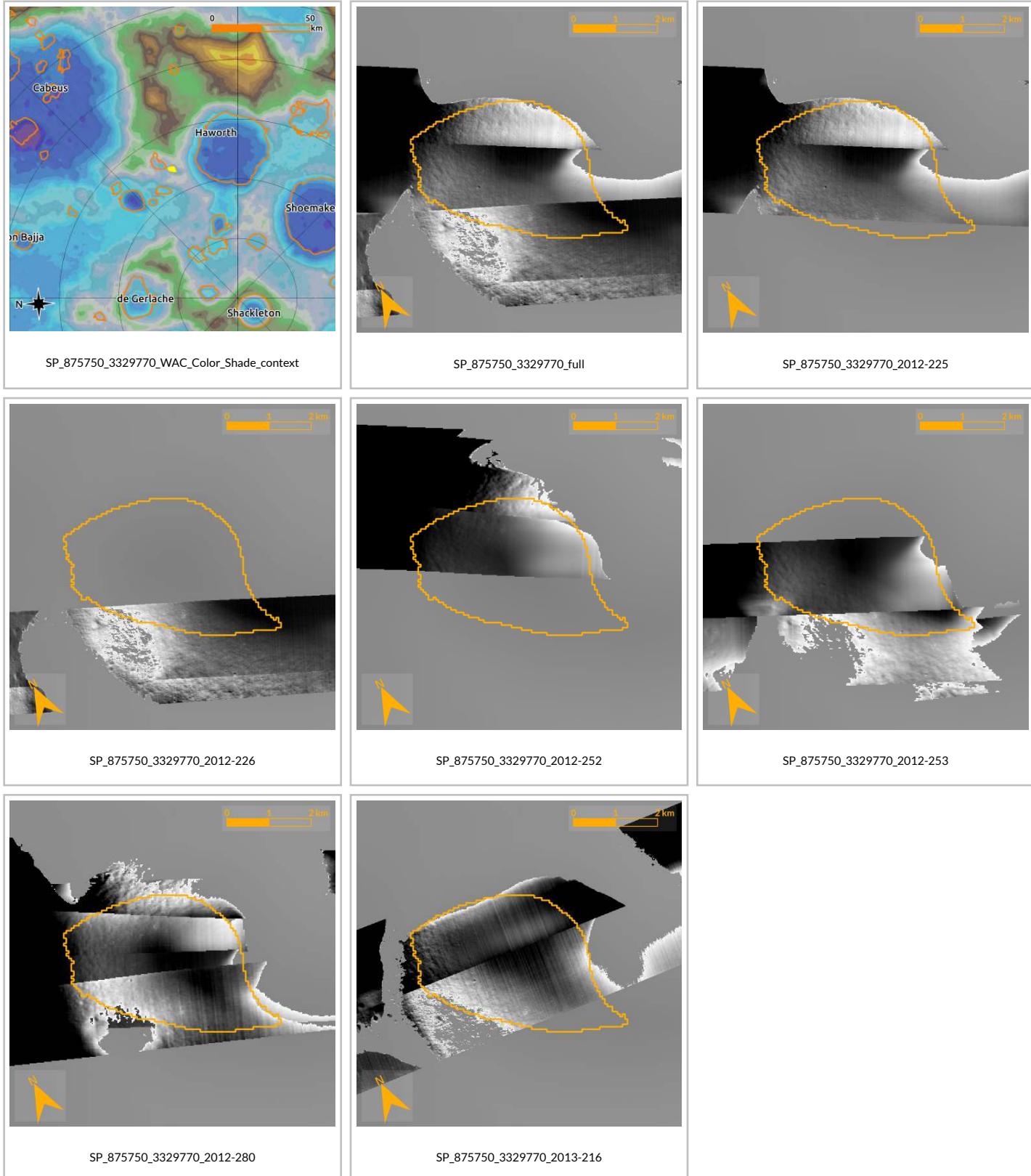


SP_874930_3578760_mosaic-PSRHAWORLOA

SP_875750_3329770

Lunar Features: Haworth Crater
Centroid Latitude: -87.575
Centroid Longitude: 332.977
Area (km²): 11.27
Perimeter (km): 17.64
Pixel Scale Range (m): 10-20
Coverage (%): 85

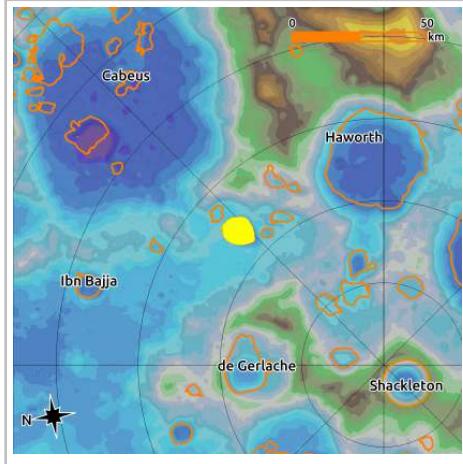
Features of Interest: 2012-252 (M1101782925L): 333.682, -87.574 (S1182 L107) - smooth, dark crater floor
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_875750_3329770



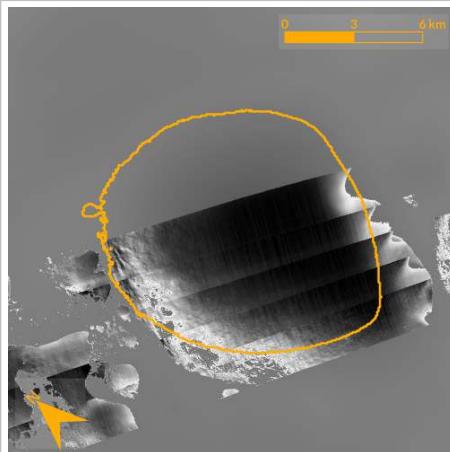
SP_875930_3125710

Lunar Features: , Ibn Bajja Crater Haworth Crater,
Centroid Latitude: -87.593
Centroid Longitude: 312.571
Area (km²): 101.83
Perimeter (km): 55.68
Pixel Scale Range (m): 10-20
Coverage (%): 90

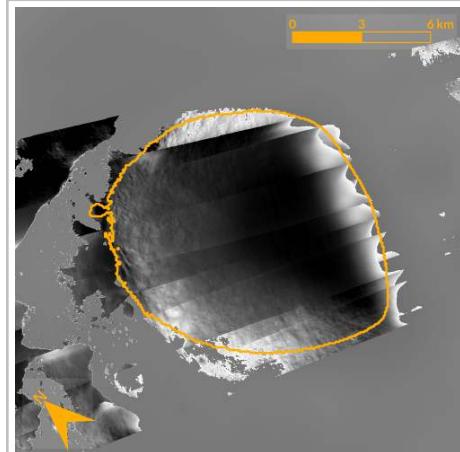
Features of Interest:
Notes: High albedo crater walls
Image Lists: lroc.sese.asu.edu/psr/SP_875930_3125710



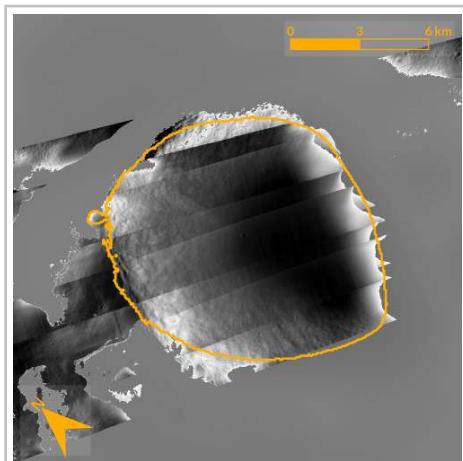
SP_875930_3125710_WAC_Color_Shade_context



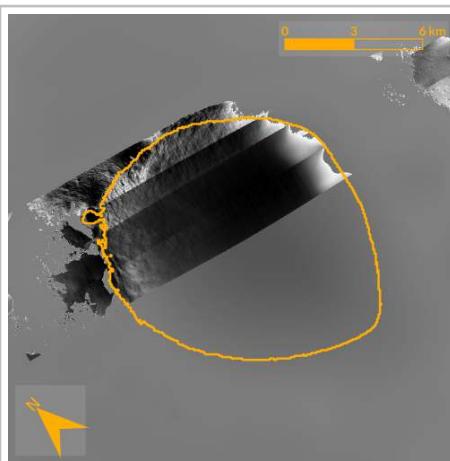
SP_875930_3125710_2012-227



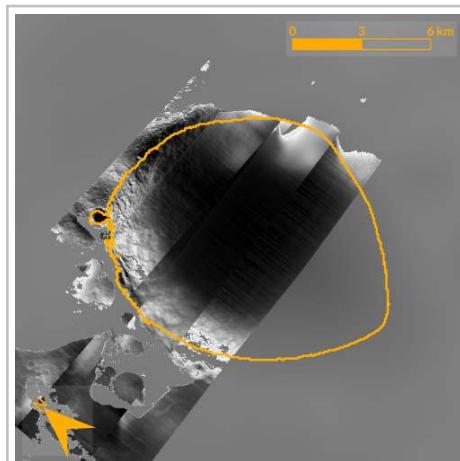
SP_875930_3125710_2012-254



SP_875930_3125710_2012-281



SP_875930_3125710_2013-243

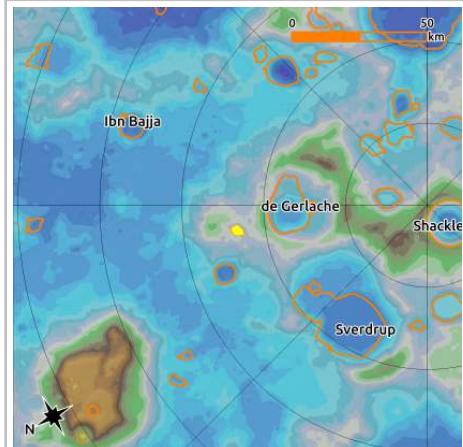


SP_875930_3125710_2014-234

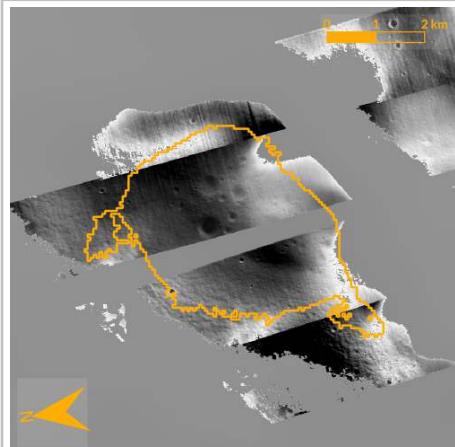
SP_876600_2623440

Lunar Features: de Gerlache Crater, Sverdrup Crater,
Centroid Latitude: -87.66
Centroid Longitude: 262.344
Area (km²): 13.94
Perimeter (km): 33.6
Pixel Scale Range (m): 1-20
Coverage (%): 90

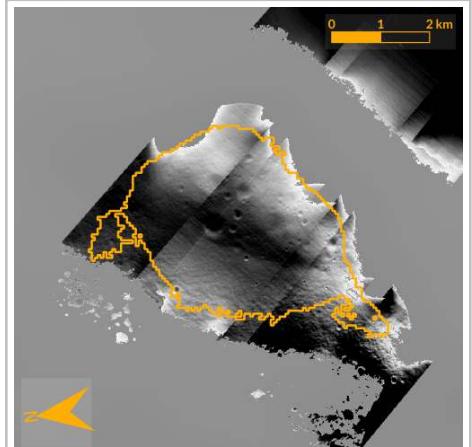
Features of Interest:
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_876600_2623440



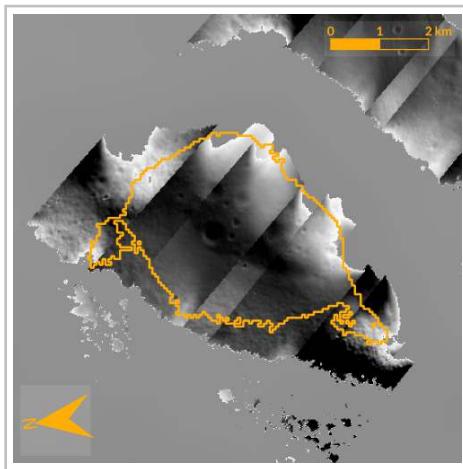
SP_876600_2623440_WAC_Color_Shade_context



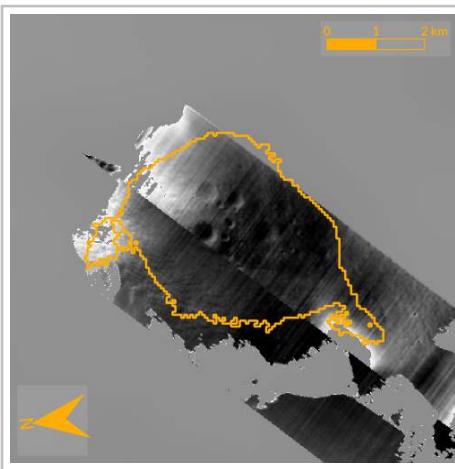
SP_876600_2623440_2009-230



SP_876600_2623440_2012-229



SP_876600_2623440_2012-256

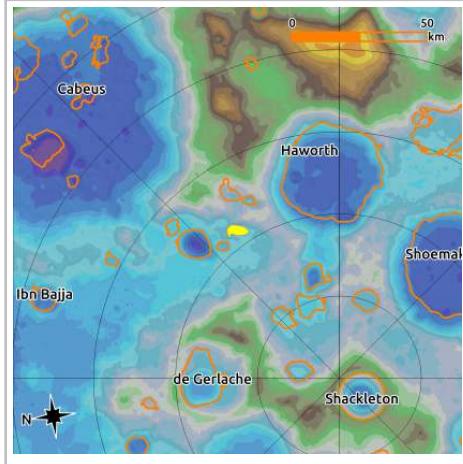


SP_876600_2623440_2012-263

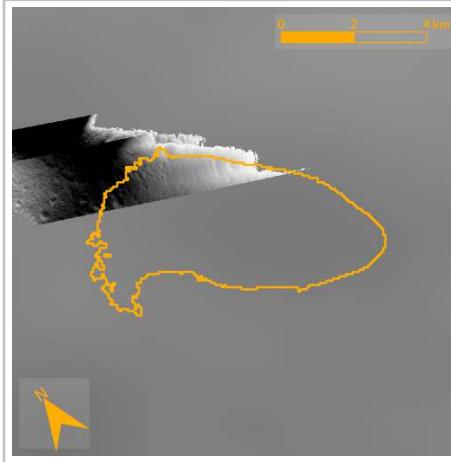
SP_878090_3251650

Lunar Features: Haworth Crater, Cabeus Crater,
Centroid Latitude: -87.809
Centroid Longitude: 325.165
Area (km²): 23.25
Perimeter (km): 35.04
Pixel Scale Range (m): 10-20
Coverage (%): 95

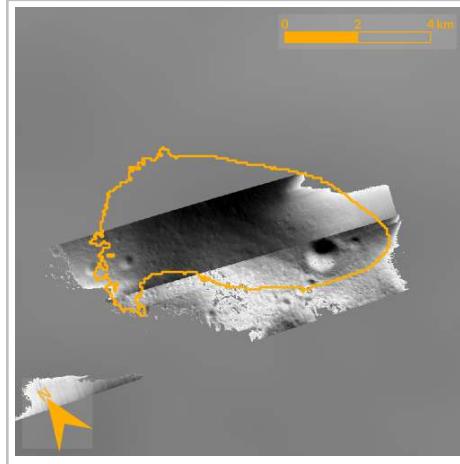
Features of Interest:
Notes: Smooth terrain
Image Lists: lroc.sese.asu.edu/psr/SP_878090_3251650



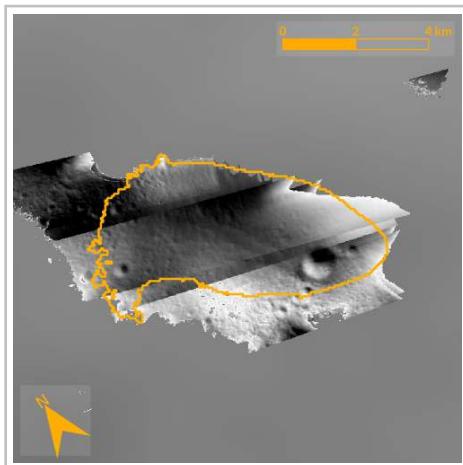
SP_878090_3251650_WAC_Color_Shade_context



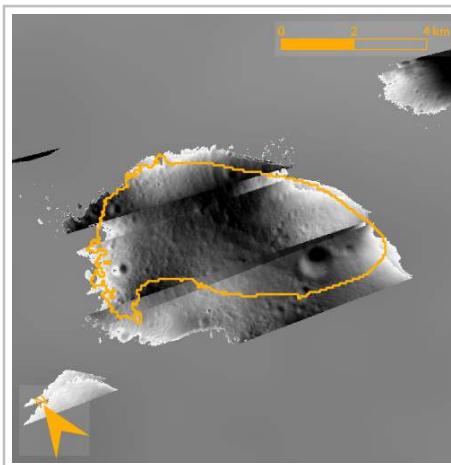
SP_878090_3251650_2012-226



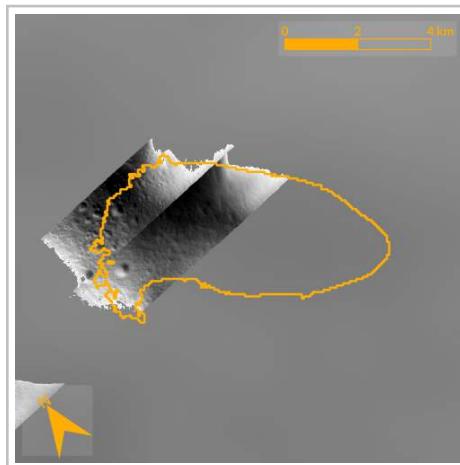
SP_878090_3251650_2012-227



SP_878090_3251650_2012-254



SP_878090_3251650_2012-281



SP_878090_3251650_2013-244

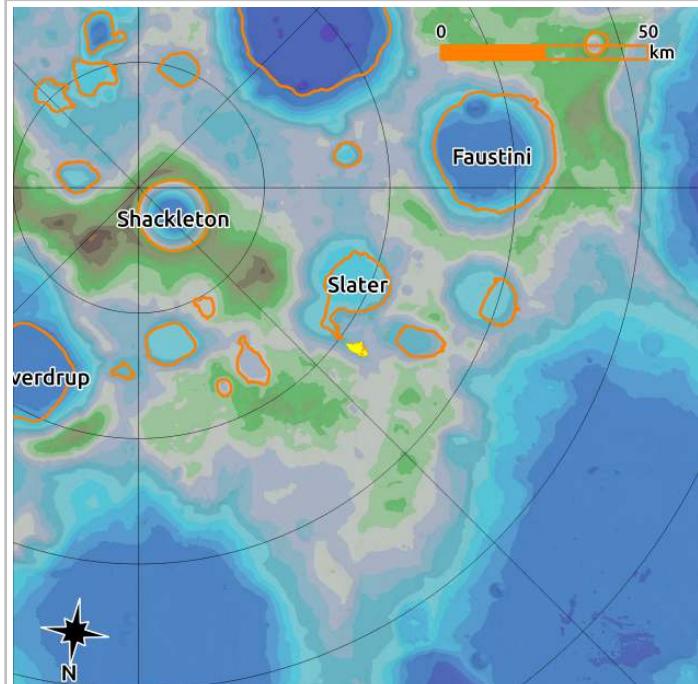
SP_878330_1263810

Lunar Features:, Slater Crater,
Centroid Latitude: -87.833
Centroid Longitude: 126.381
Area (km²): 10.70
Perimeter (km): 39.24
Pixel Scale Range (m): 10-20
Coverage (%): 50

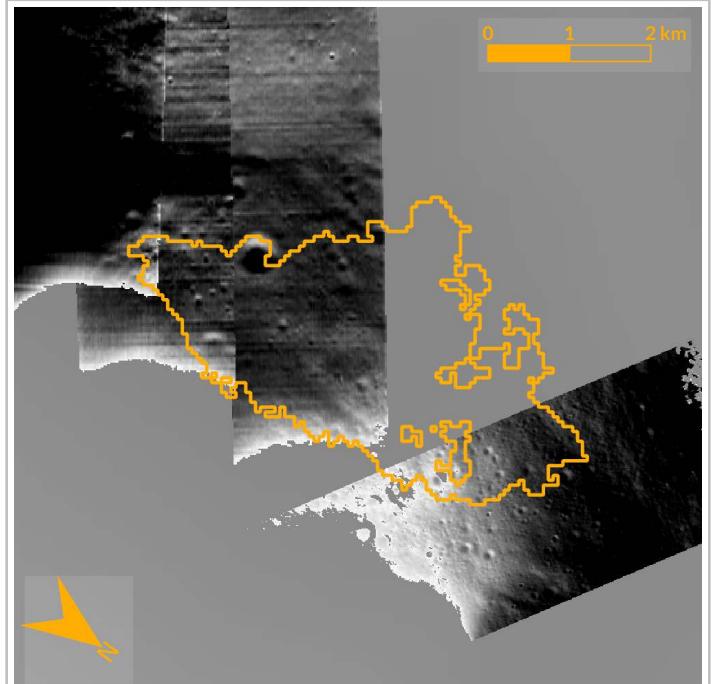
Features of Interest:

Notes:

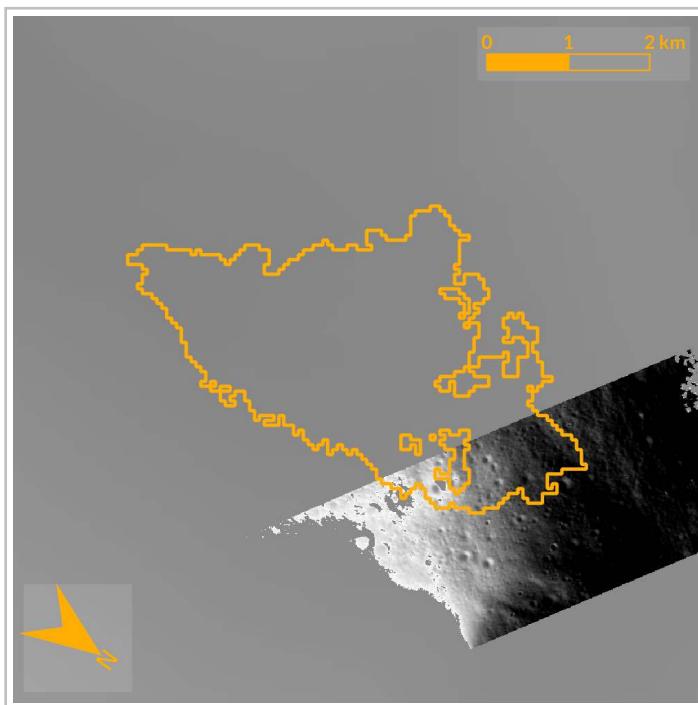
Image Lists: lroc.sese.asu.edu/psr/SP_878330_1263810



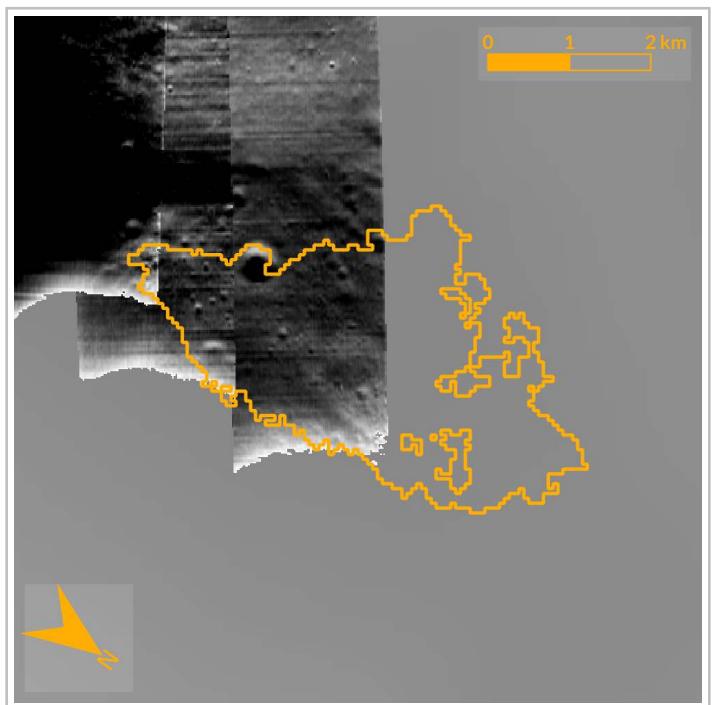
SP_878330_1263810_WAC_Color_Shade_context



SP_878330_1263810_full



SP_878330_1263810_2012-241

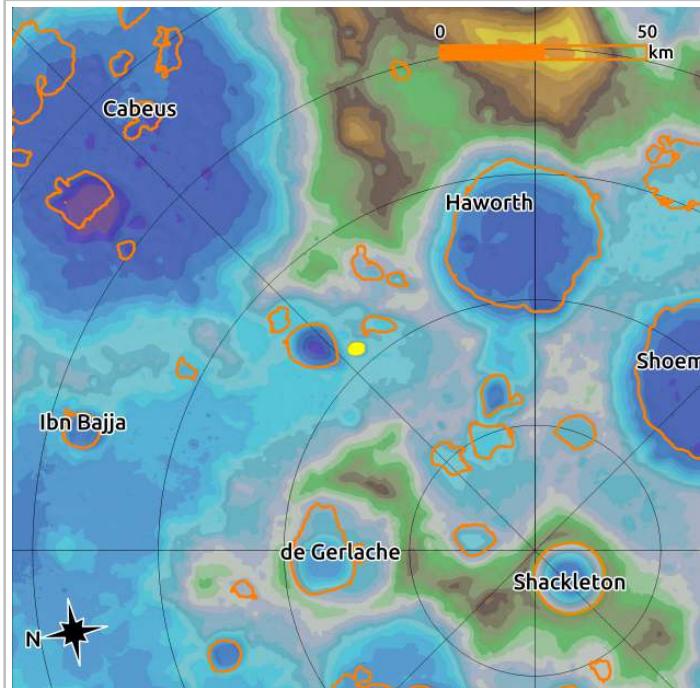


SP_878330_1263810_2013-234

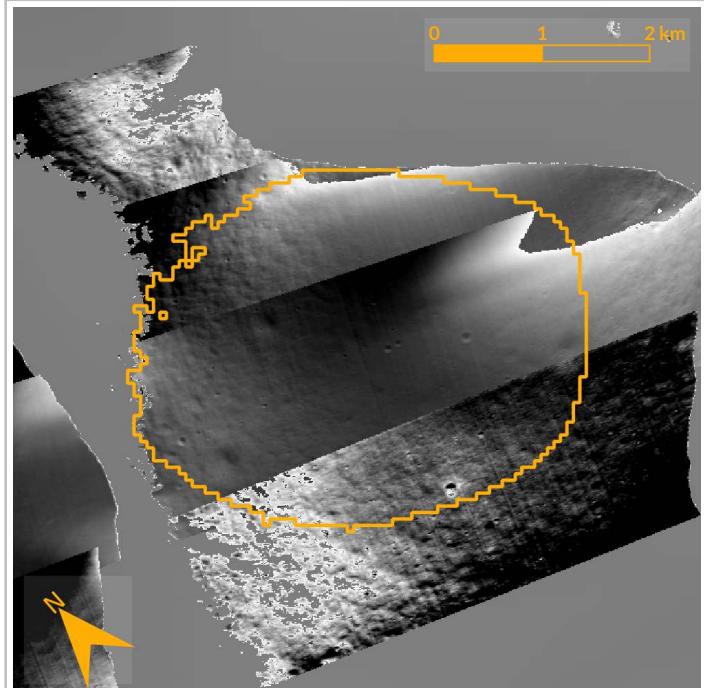
SP_878530_3185060

Lunar Features: Ibn Bajja Crater Haworth Crater,
Centroid Latitude: -87.853
Centroid Longitude: 318.506
Area (km²): 11.24
Perimeter (km): 17.76
Pixel Scale Range (m): 10-20
Coverage (%): 90

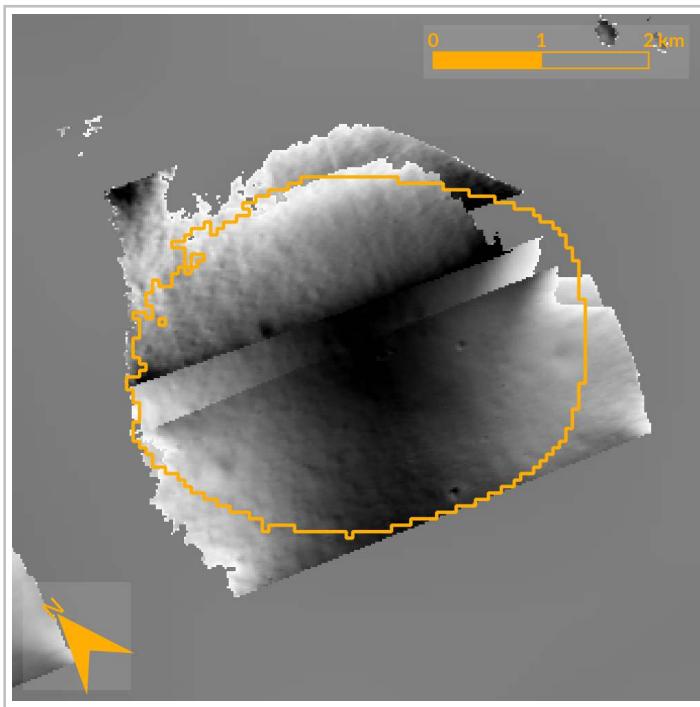
Features of Interest:
Notes: Blurry images
Image Lists: lroc.sese.asu.edu/psr/SP_878530_3185060



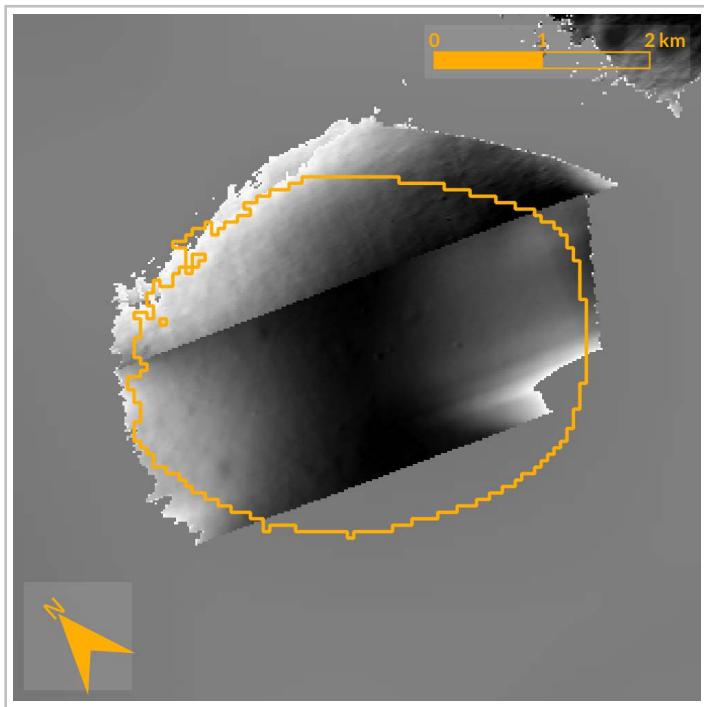
SP_878530_3185060_WAC_Color_Shade_context



SP_878530_3185060_2012-227



SP_878530_3185060_2012-254

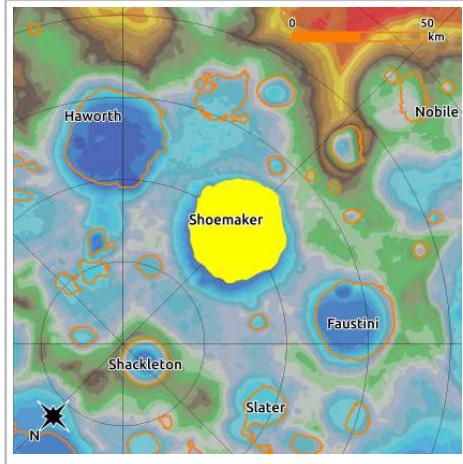


SP_878530_3185060_2012-281

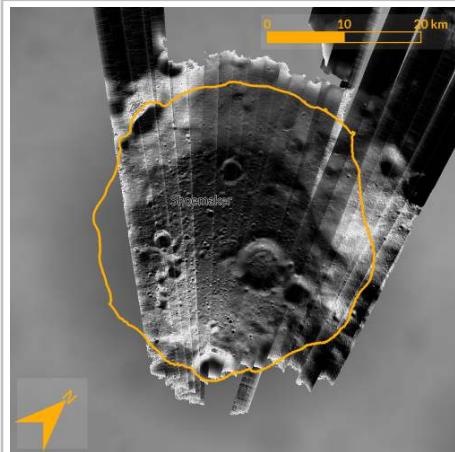
SP_880260_0452790

Lunar Features: Shoemaker crater
Centroid Latitude: -88.026
Centroid Longitude: 45.279
Area (km²): 1075.52
Perimeter (km): 166.2
Pixel Scale Range (m): 1-20
Coverage (%): 95

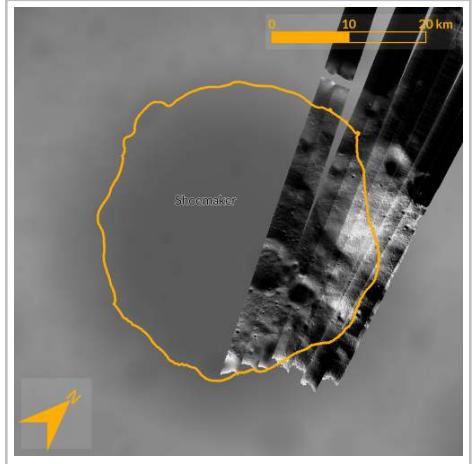
Features of Interest: 2012-244 (M1101090038L): 50.308, -88.014 (S838 L3505) - southward facing crater wall with high reflectance
Notes: High density of craters
Image Lists: lroc.sese.asu.edu/psr/SP_880260_0452790



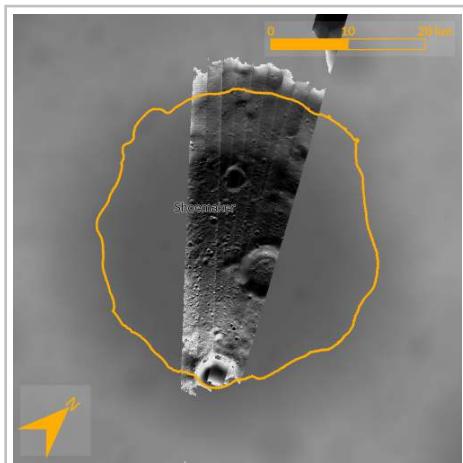
SP_880260_0452790_WAC_Color_Shade_context



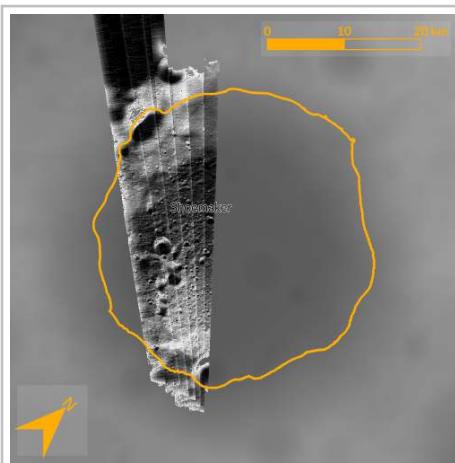
SP_880260_0452790_full



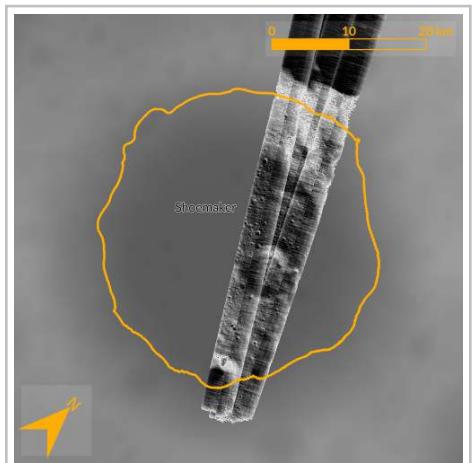
SP_880260_0452790_2012-244



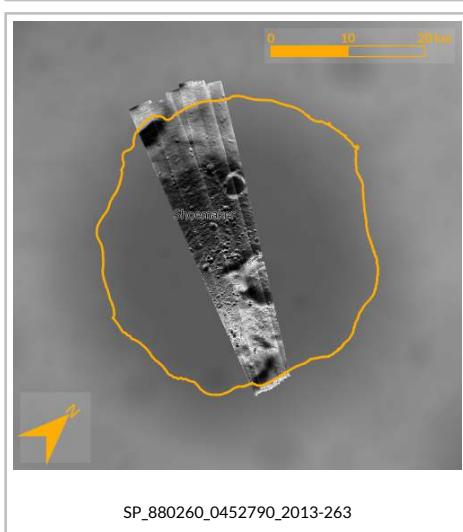
SP_880260_0452790_2012-245



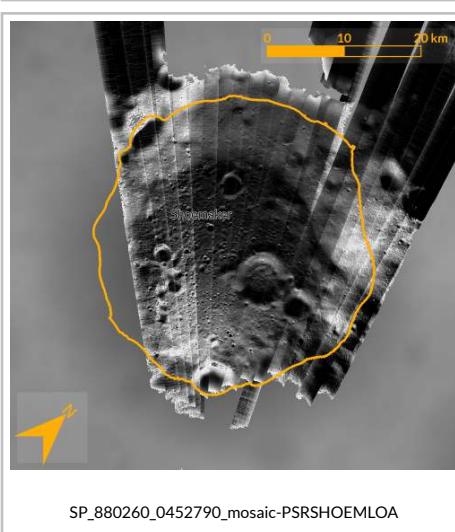
SP_880260_0452790_2012-246



SP_880260_0452790_2012-272



SP_880260_0452790_2013-263



SP_880260_0452790_mosaic-PSRSHOEMLOA

SP_881000_1147820

Lunar Features: Slater Crater

Centroid Latitude: -88.1

Centroid Longitude: 114.782

Area (km²): 183.17

Perimeter (km): 106.92

Pixel Scale Range (m): 15-20

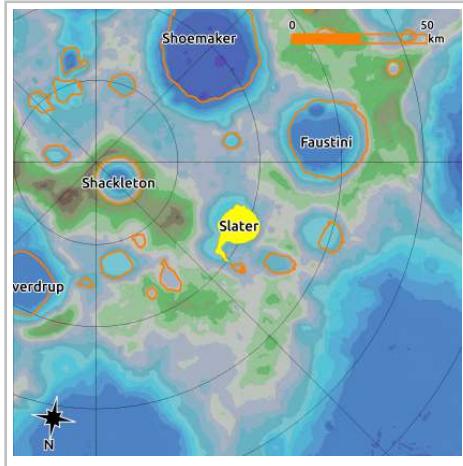
Coverage (%): 90

Features of Interest: 2012-270 (M1103268653R): 112.236, -88.056 (S830

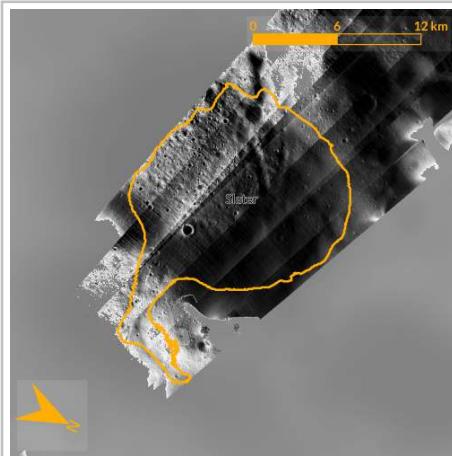
L2183) - fracture / linear topographic feature

Notes: Heavily cratered

Image Lists: lroc.sese.asu.edu/psr/SP_881000_1147820



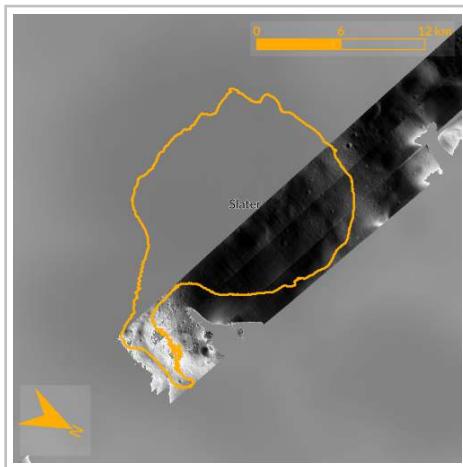
SP_881000_1147820_WAC_Color_Shade_context



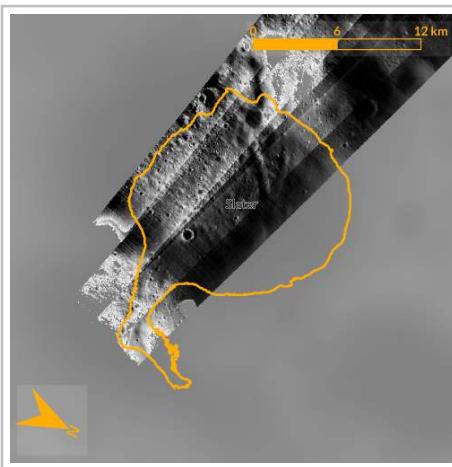
SP_881000_1147820_full



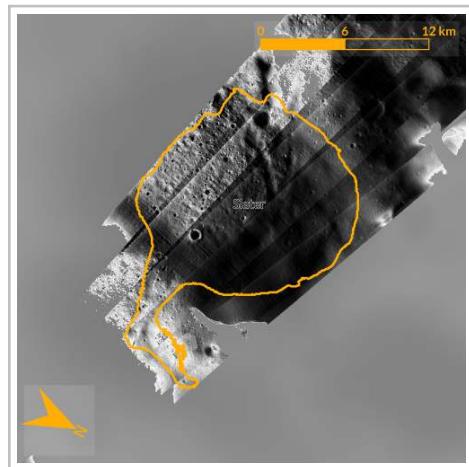
SP_881000_1147820_2012-243



SP_881000_1147820_2012-269



SP_881000_1147820_2012-270

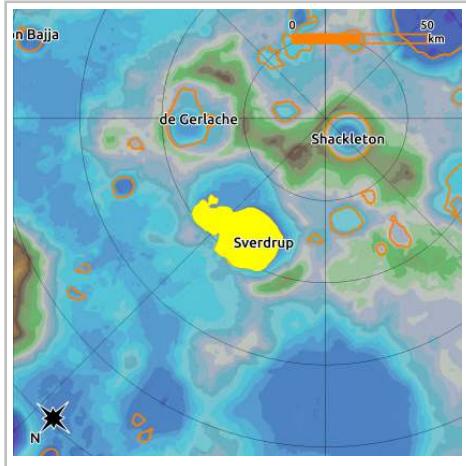


SP_881000_1147820_mosaic-PSRSLATRLOA

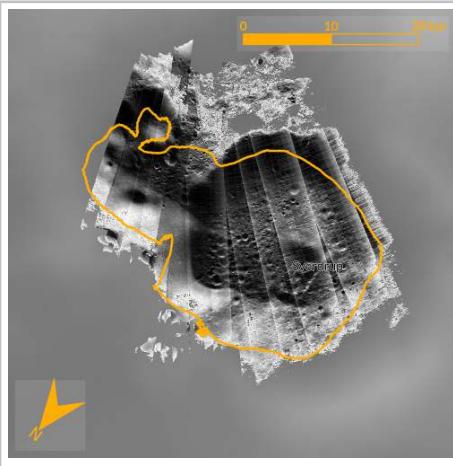
SP_882490_2164550

Lunar Features: Sverdrup Crater
Centroid Latitude: -88.249
Centroid Longitude: 216.455
Area (km²): 548.79
Perimeter (km): 177.36
Pixel Scale Range (m): 1-20
Coverage (%): 90

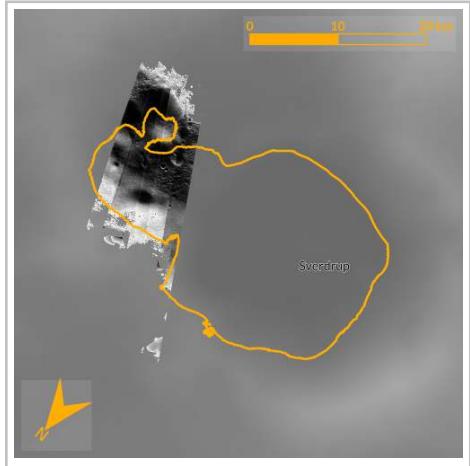
Features of Interest:
Notes: Highly cratered dark crater floor
Image Lists: lroc.sese.asu.edu/psr/SP_882490_2164550



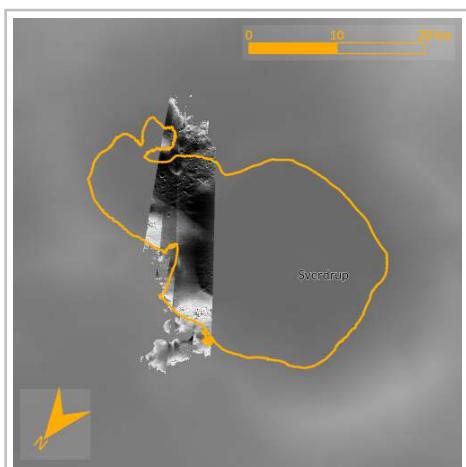
SP_882490_2164550_WAC_Color_Shade_context



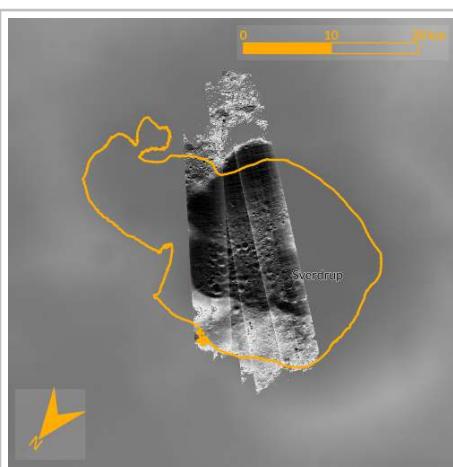
SP_882490_2164550_full



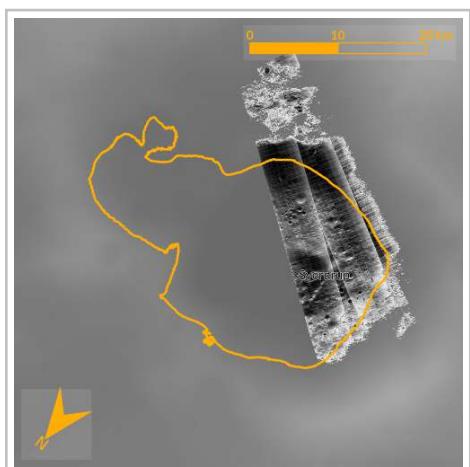
SP_882490_2164550_2012-258



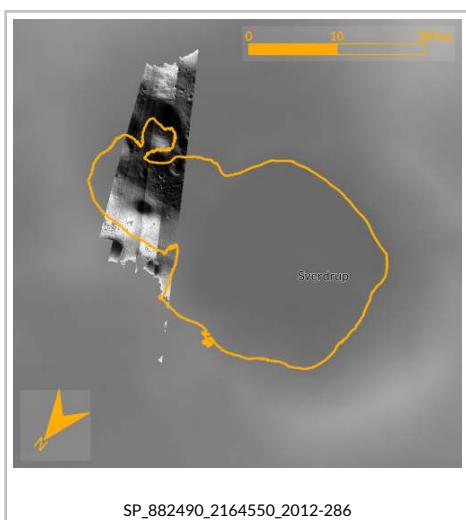
SP_882490_2164550_2012-259



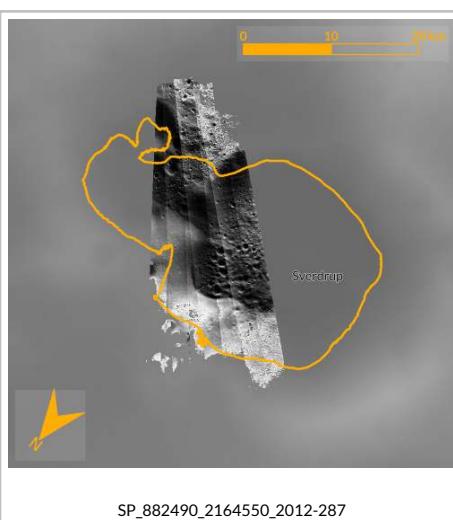
SP_882490_2164550_2012-260



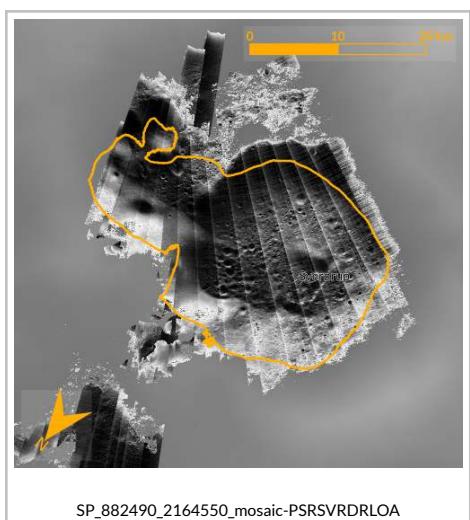
SP_882490_2164550_2012-261



SP_882490_2164550_2012-286



SP_882490_2164550_2012-287

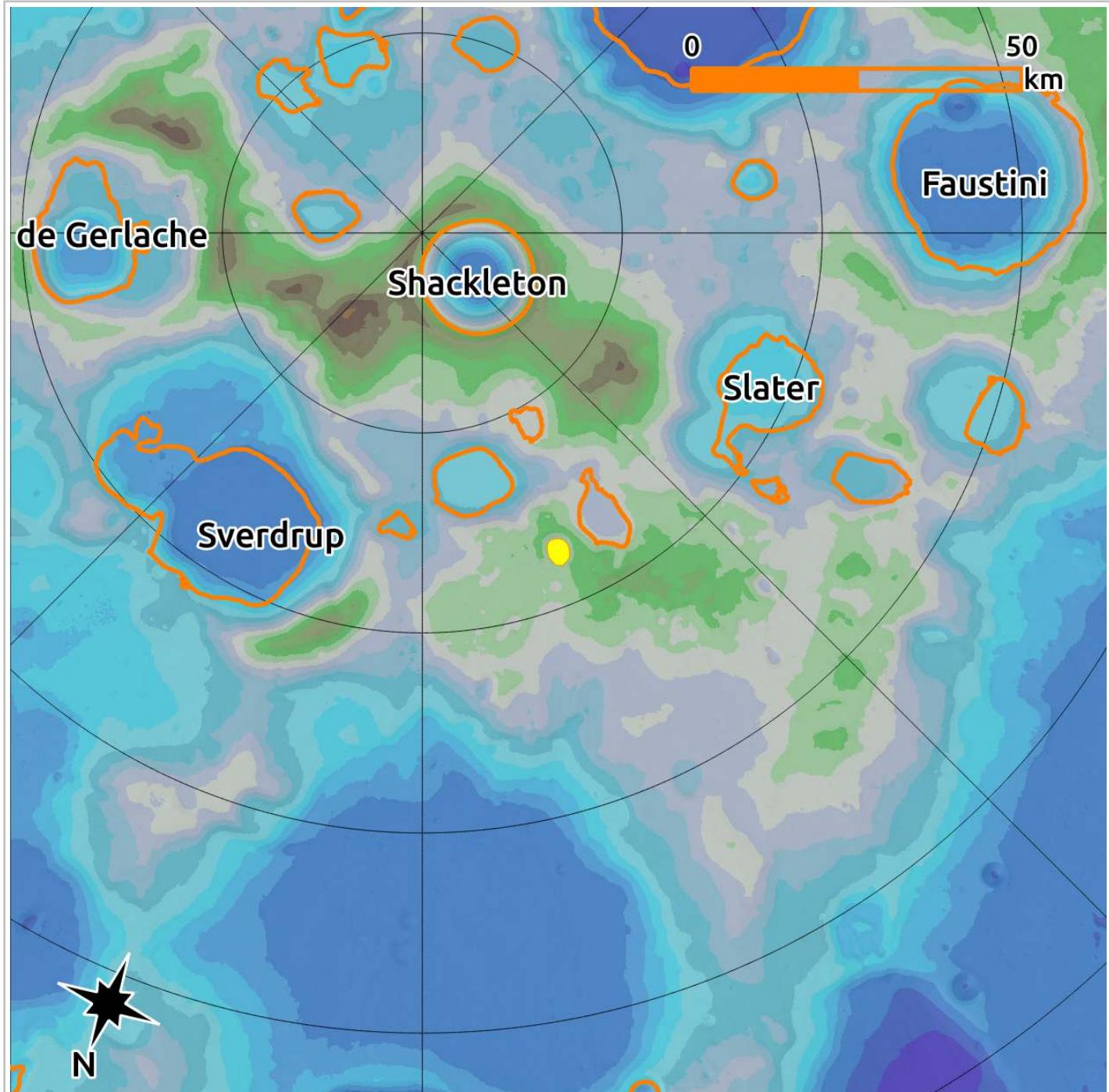


SP_882490_2164550_mosaic-PSR-SVRDRLOA

SP_882670_1568690

Lunar Features: , Sverdrup Crater, Slater Crater
Centroid Latitude: -88.267
Centroid Longitude: 156.869
Area (km²): 10.90
Perimeter (km): 15.48
Pixel Scale Range (m): 20-20
Coverage (%): 0

Features of Interest:
Notes: No good images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/SP_882670_1568690

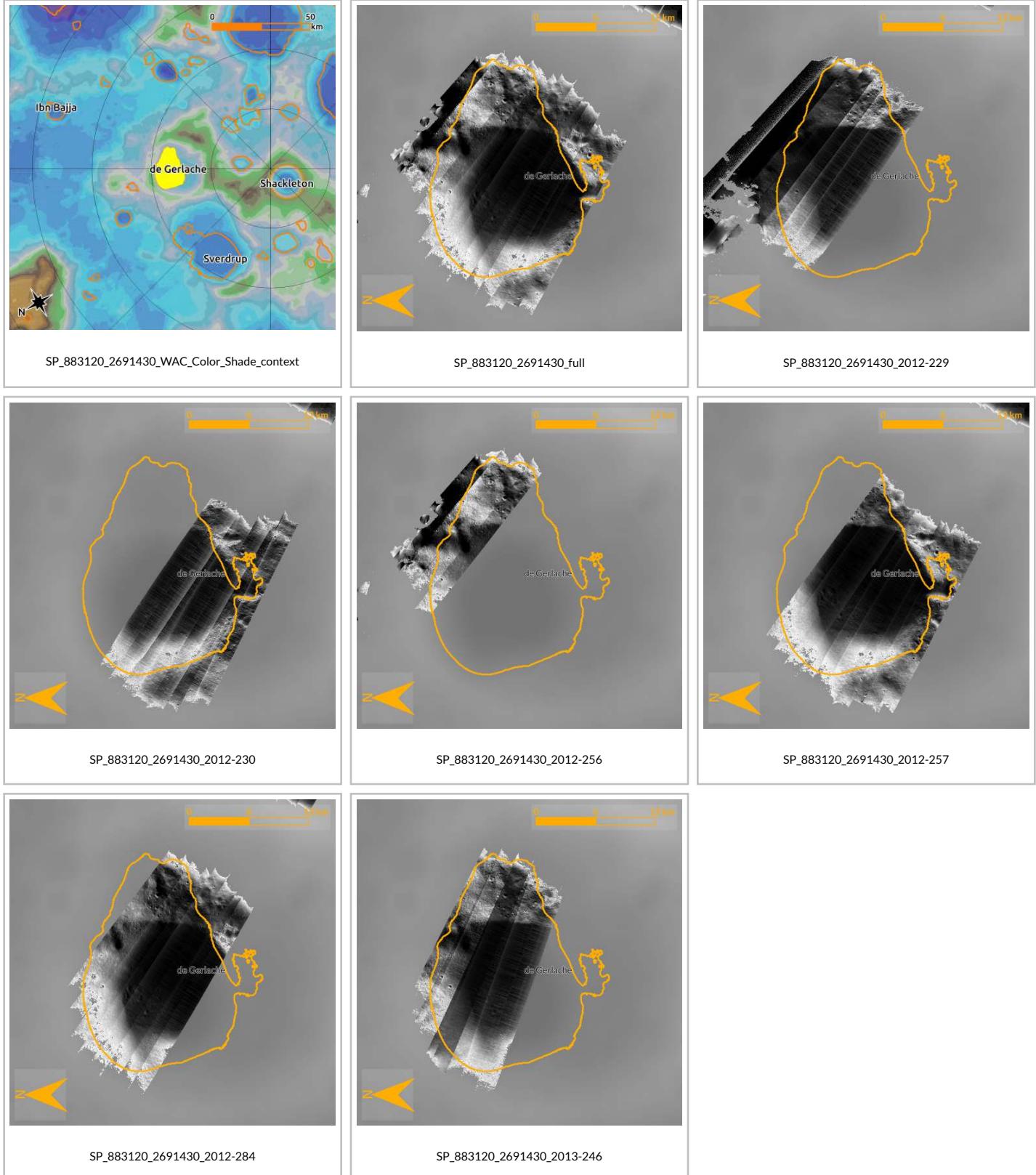


SP_882670_1568690_WAC_Color_Shade_context

SP_883120_2691430

Lunar Features: de Gerlache Crater,
Centroid Latitude: -88.312
Centroid Longitude: 269.143
Area (km²): 243.29
Perimeter (km): 111.12
Pixel Scale Range (m): 1-20
Coverage (%): 95

Features of Interest: 2012-284 (M1104497334L): 271.134, -88.118 (S469 L1115) - crater with high reflectance, & 279.176, -88.279 (S746 L755) - hummocky terrain on westward facing crater wall
Notes: Dark crater floor
Image Lists: lroc.sese.asu.edu/psr/SP_883120_2691430



SP_883170_0809830

Lunar Features: Shoemaker Crater, Slater Crater

Centroid Latitude: -88.317

Centroid Longitude: 80.983

Area (km²): 28.66

Perimeter (km): 25.68

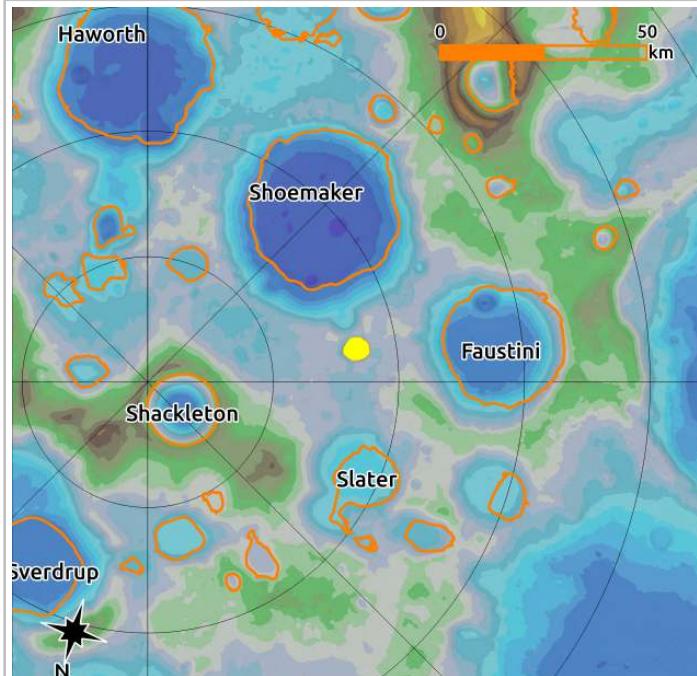
Pixel Scale Range (m): 1-20

Coverage (%): 0

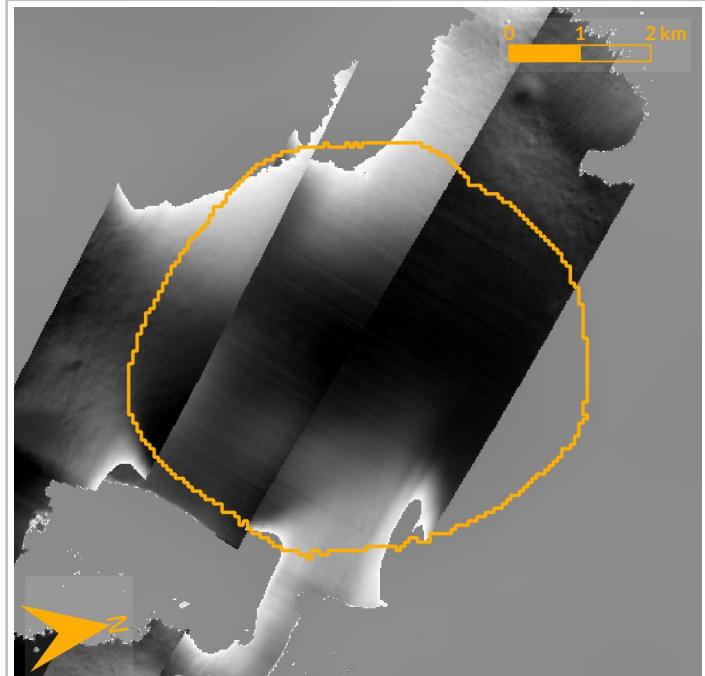
Features of Interest:

Notes: No good images exist for this PSR

Image Lists: lroc.sese.asu.edu/psr/SP_883170_0809830



SP_883170_0809830_WAC_Color_Shade_context

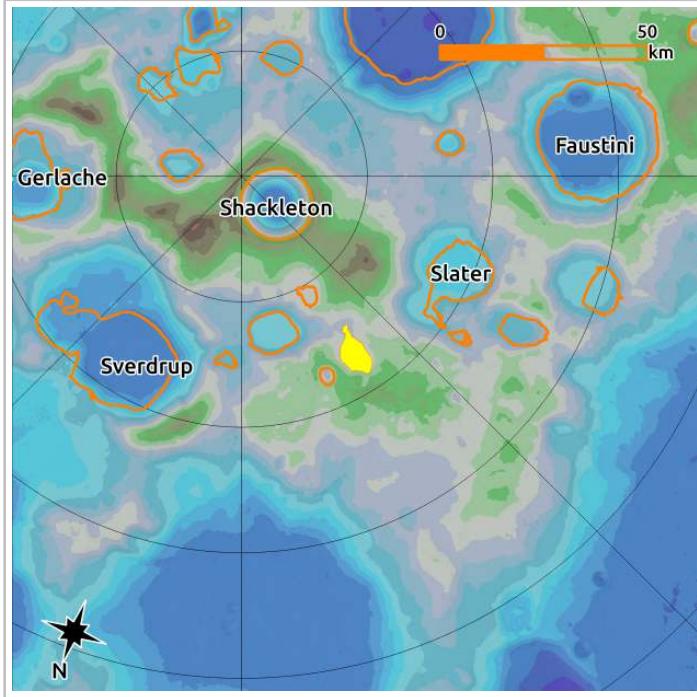


SP_883170_0809830_2012-244

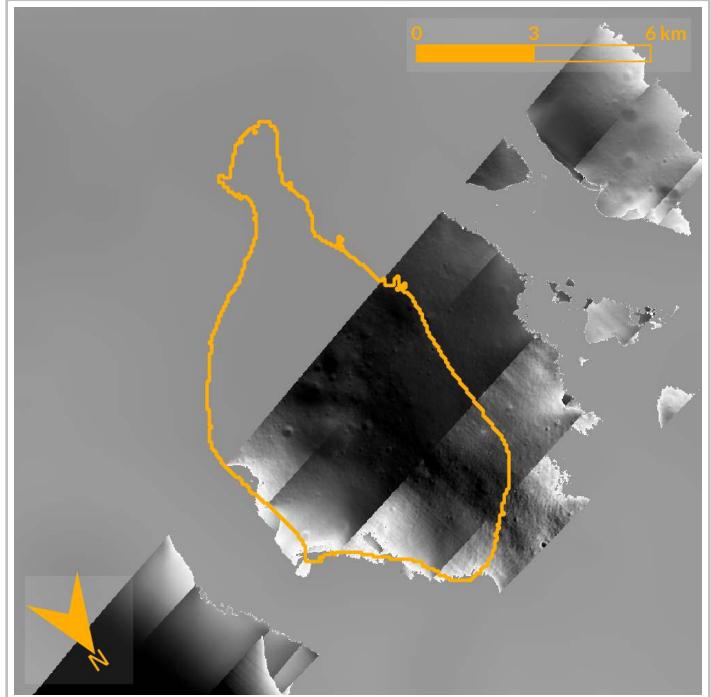
SP_883220_1475060

Lunar Features: , Sverdrup Crater Slater Crater
Centroid Latitude: -88.322
Centroid Longitude: 147.506
Area (km²): 50.70
Perimeter (km): 45.36
Pixel Scale Range (m): 20-20
Coverage (%): 60

Features of Interest:
Notes: One DOY
Image Lists: lroc.sese.asu.edu/psr/SP_883220_1475060



SP_883220_1475060_WAC_Color_Shade_context

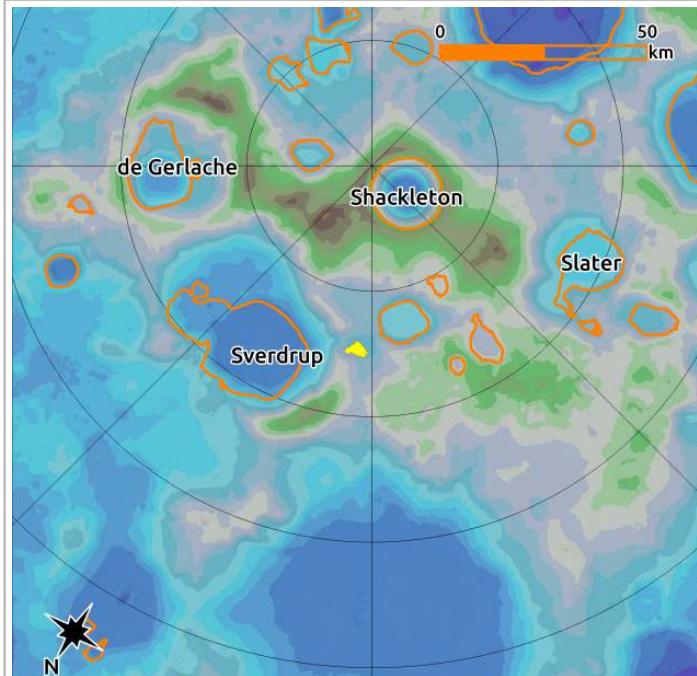


SP_883220_1475060_2012-270

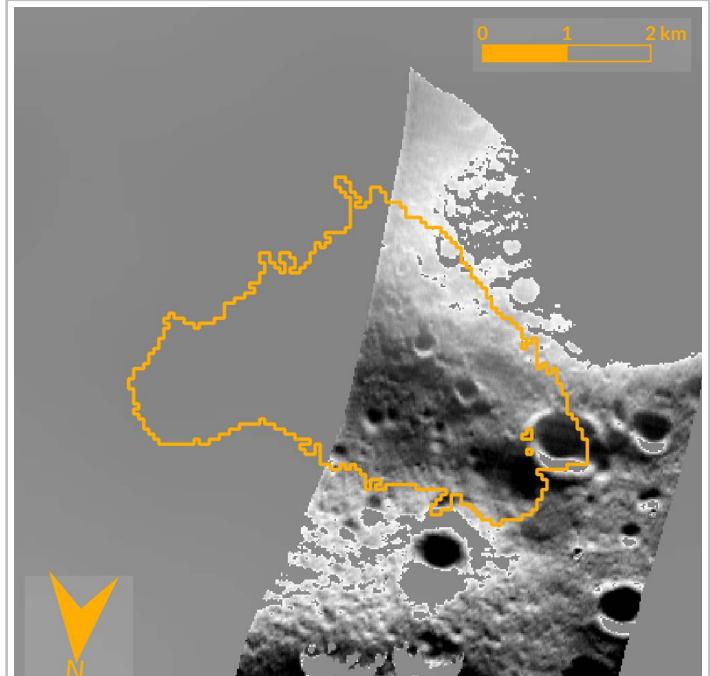
SP_885280_1846930

Lunar Features: Sverdrup Crater
Centroid Latitude: -88.528
Centroid Longitude: 184.693
Area (km²): 11.61
Perimeter (km): 26.76
Pixel Scale Range (m): 20-20
Coverage (%): 50

Features of Interest:
Notes: One DOY
Image Lists: lroc.sese.asu.edu/psr/SP_885280_1846930



SP_885280_1846930_WAC_Color_Shade_context

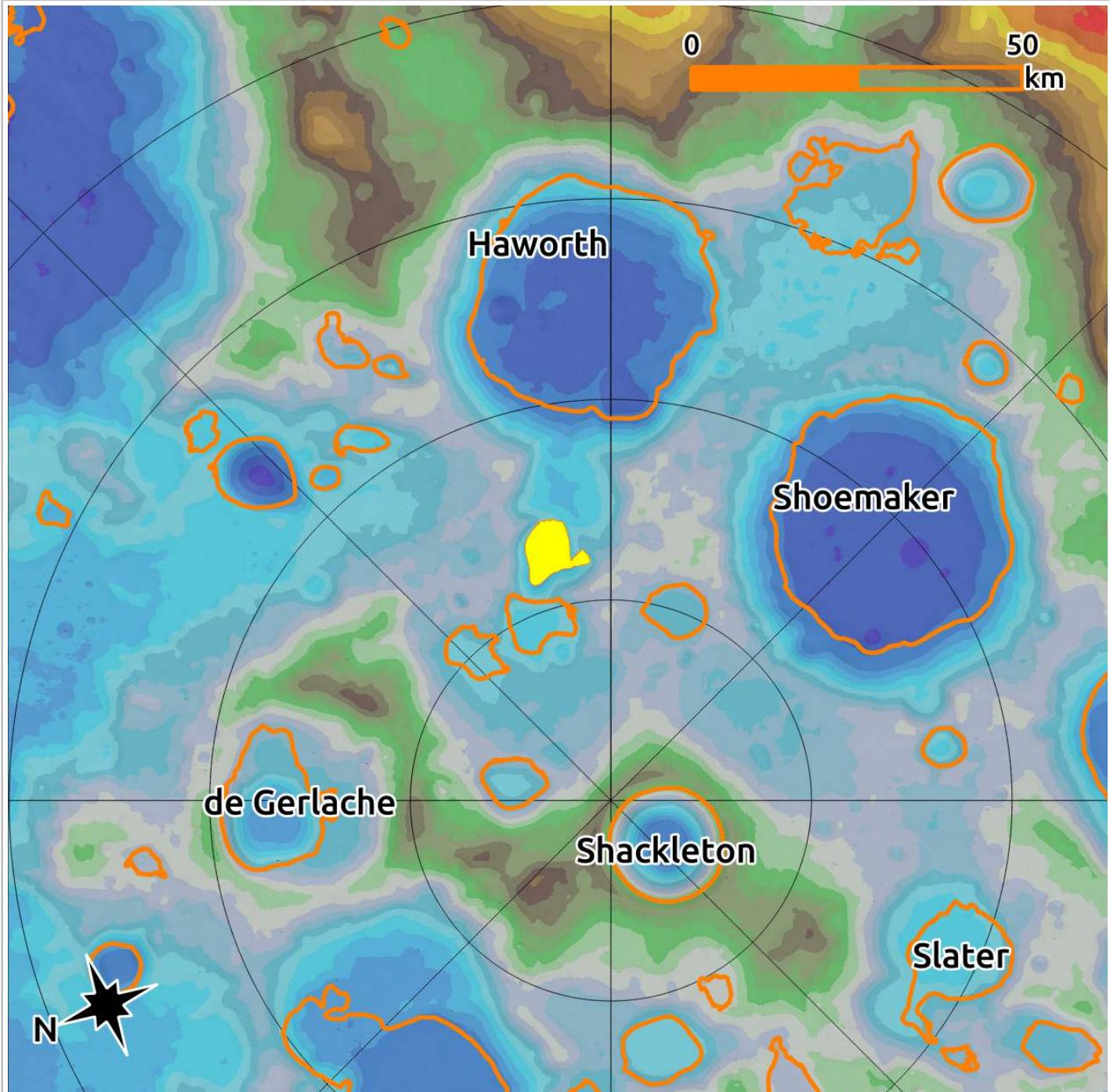


SP_885280_1846930_2012-258

SP_887220_3463610

Lunar Features: Haworth Crater, Shackleton Crater
Centroid Latitude: -88.722
Centroid Longitude: 346.361
Area (km²): 55.67
Perimeter (km): 53.16
Pixel Scale Range (m): -
Coverage (%): 0

Features of Interest:
Notes: No images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/SP_887220_3463610



SP_887220_3463610_WAC_Color_Shade_context

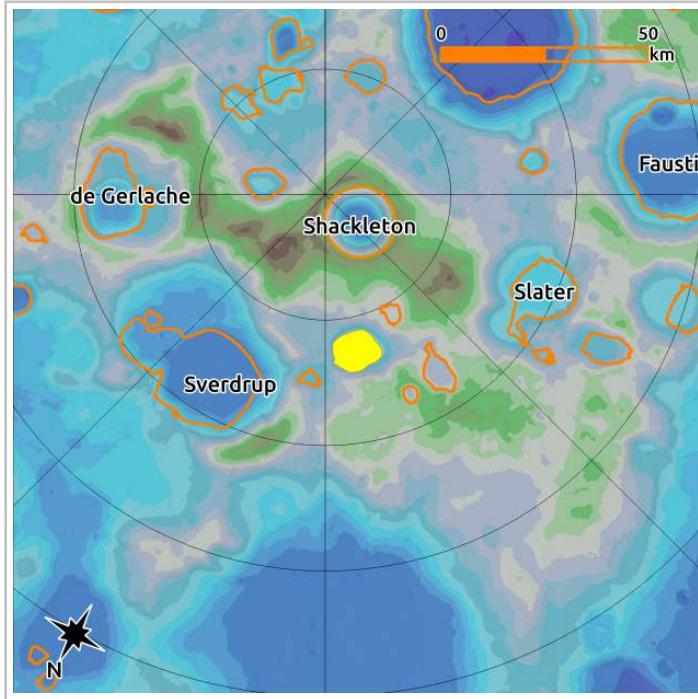
SP_887280_1688800

Lunar Features: Sverdrup Crater, Slater Crater
Centroid Latitude: -88.728
Centroid Longitude: 168.88
Area (km²): 88.61
Perimeter (km): 45.84
Pixel Scale Range (m): 20-20
Coverage (%): 85

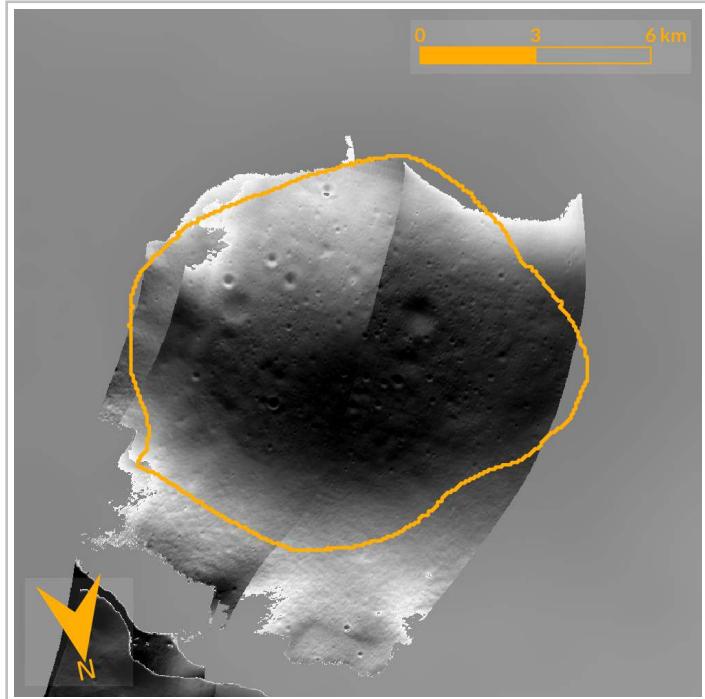
Features of Interest:

Notes: One DOY; floor is densely cratered

Image Lists: lroc.sese.asu.edu/psr/SP_887280_1688800



SP_887280_1688800_WAC_Color_Shade_context

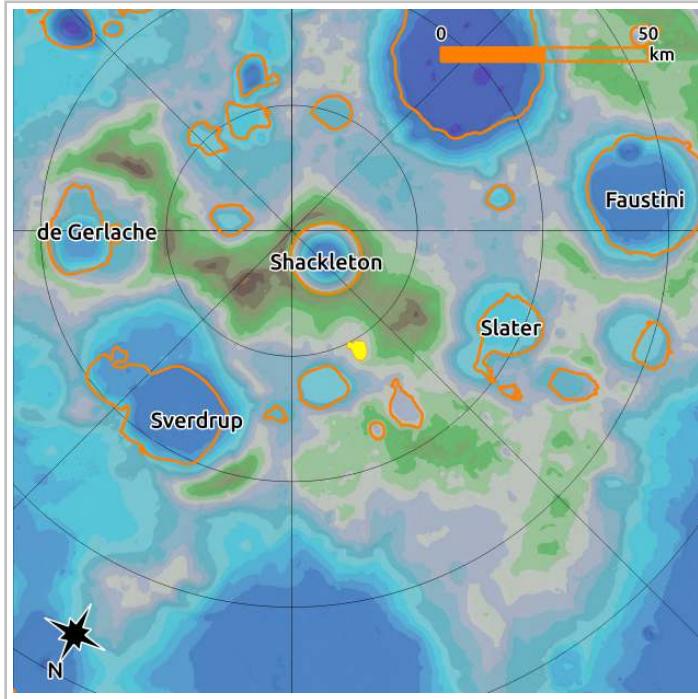


SP_887280_1688800_2012-258

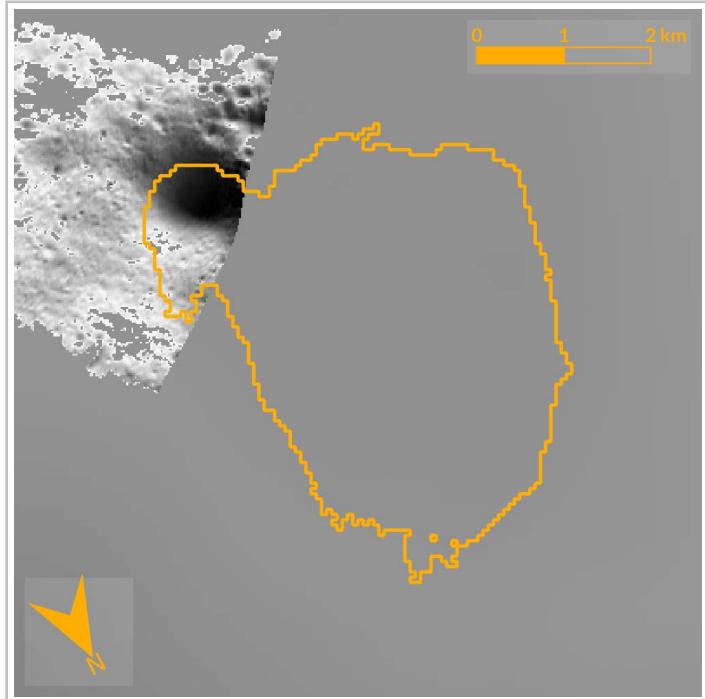
SP_889130_1507620

Lunar Features: Sverdrup Crater, Slater Crater
Centroid Latitude: -88.913
Centroid Longitude: 150.762
Area (km²): 15.56
Perimeter (km): 25.44
Pixel Scale Range (m): 20-20
Coverage (%): 5

Features of Interest:
Notes: No good images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/SP_889130_1507620



SP_889130_1507620_WAC_Color_Shade_context



SP_889130_1507620_2012-258

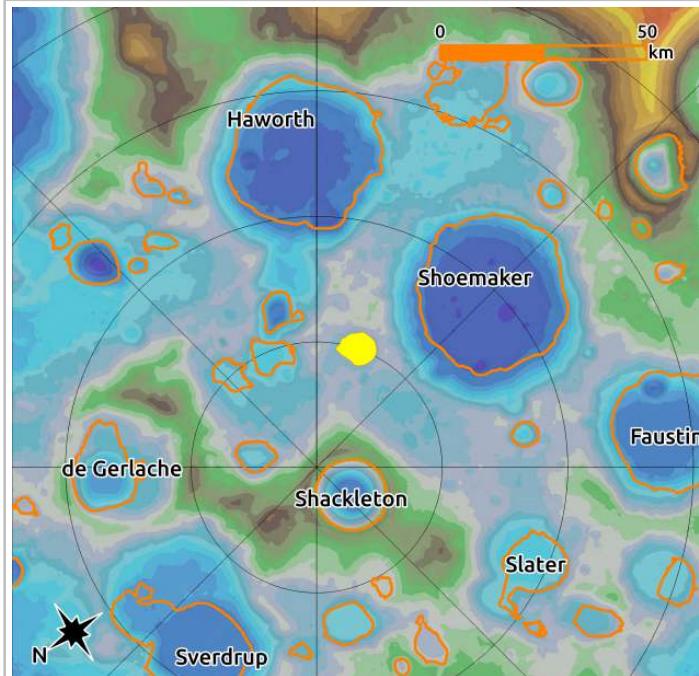
SP_889970_0191990

Lunar Features: Haworth Crater, Shackleton Crater,
Centroid Latitude: -88.997
Centroid Longitude: 19.199
Area (km²): 55.41
Perimeter (km): 36.84
Pixel Scale Range (m): 1-20
Coverage (%): 10

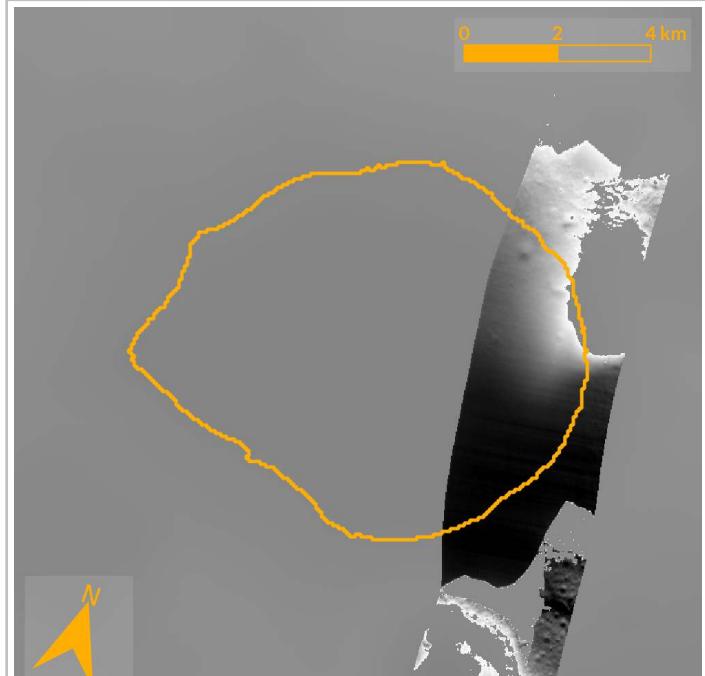
Features of Interest:

Notes:

Image Lists: lroc.sese.asu.edu/psr/SP_889970_0191990



SP_889970_0191990_WAC_Color_Shade_context

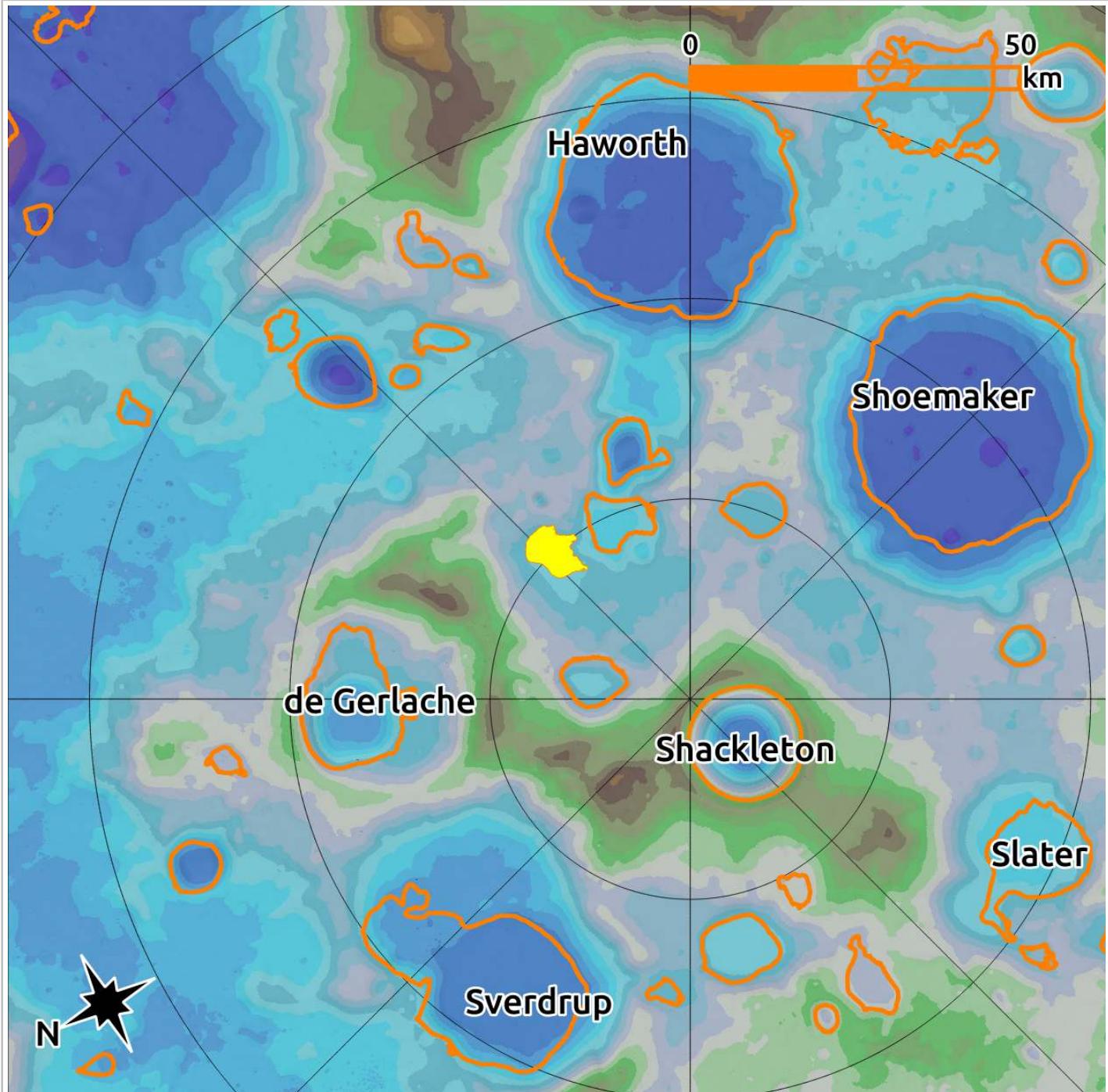


SP_889970_0191990_2012-272

SP_889970_3170870

Lunar Features: , de Gerlache Crater, Haworth Crater
Centroid Latitude: -88.997
Centroid Longitude: 317.087
Area (km²): 44.28
Perimeter (km): 49.56
Pixel Scale Range (m): -
Coverage (%): 0

Features of Interest:
Notes: No images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/SP_889970_3170870

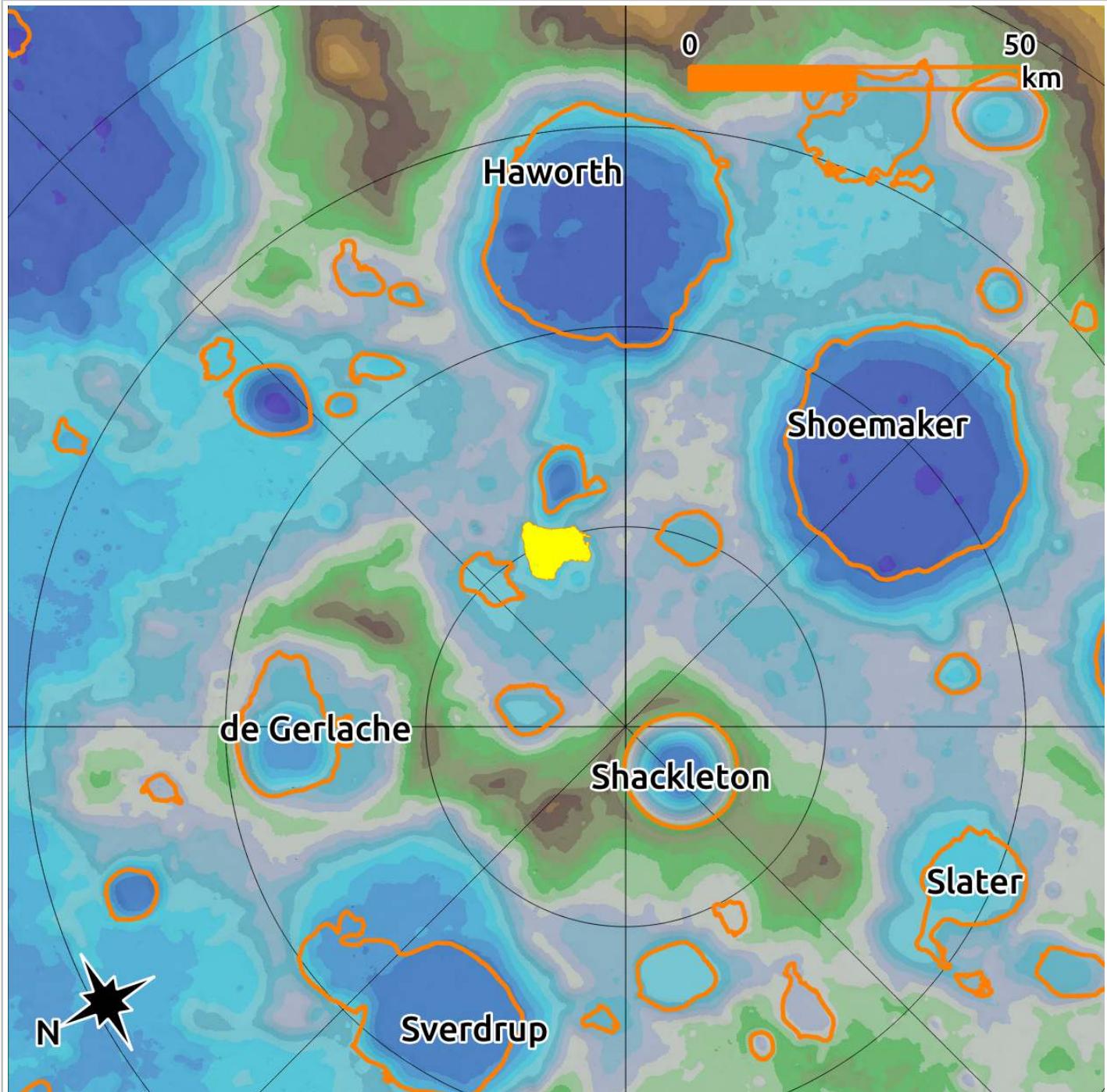


SP_889970_3170870_WAC_Color_Shade_context

SP_890390_3377770

Lunar Features: Haworth Crater Shackleton Crater
Centroid Latitude: -89.039
Centroid Longitude: 337.777
Area (km²): 60.36
Perimeter (km): 54.24
Pixel Scale Range (m): -
Coverage (%): 0

Features of Interest:
Notes: No images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/SP_890390_3377770

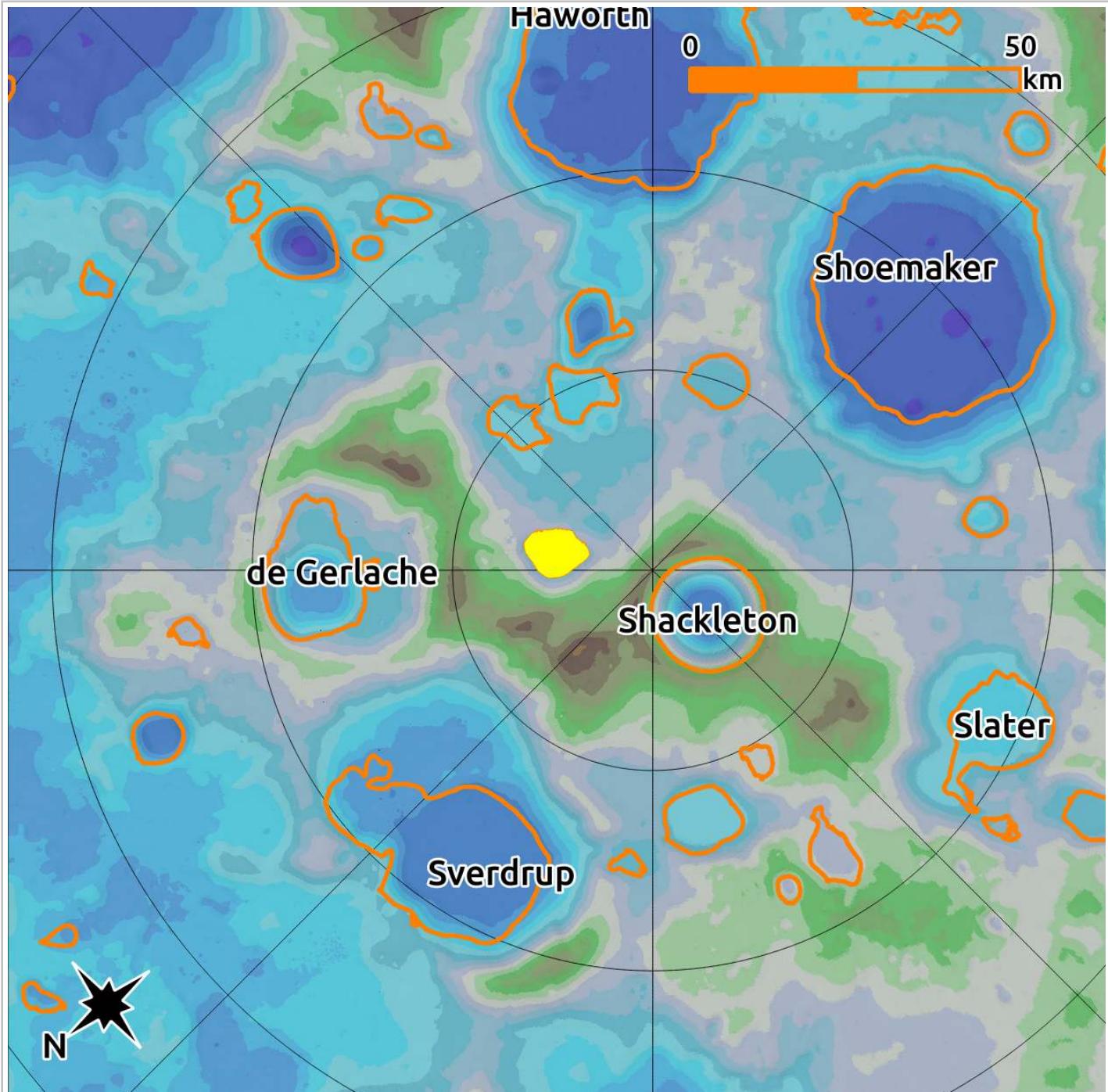


SP_890390_3377770_WAC_Color_Shade_context

SP_895060_2806850

Lunar Features:, de Gerlache Crater Shackleton Crater
Centroid Latitude: -89.506
Centroid Longitude: 280.685
Area (km²): 53.26
Perimeter (km): 45.48
Pixel Scale Range (m): -
Coverage (%): 0

Features of Interest:
Notes: No images exist for this PSR
Image Lists: lroc.sese.asu.edu/psr/SP_895060_2806850

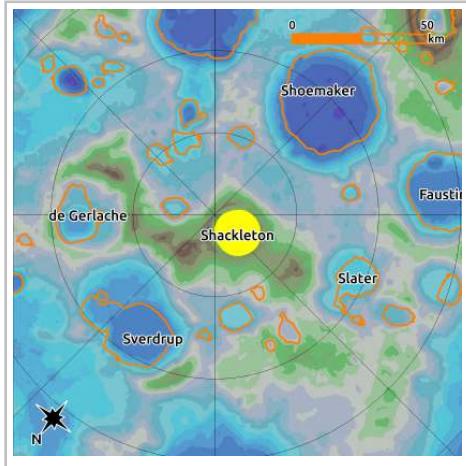


SP_895060_2806850_WAC_Color_Shade_context

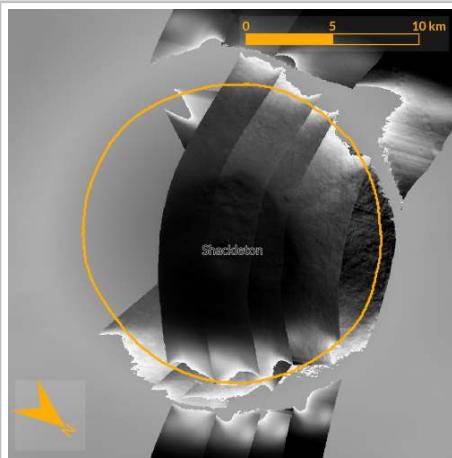
SP_896450_1282030

Lunar Features: Shackleton Crater
Centroid Latitude: -89.645
Centroid Longitude: 128.203
Area (km²): 233.70
Perimeter (km): 70.32
Pixel Scale Range (m): 20-20
Coverage (%): 65

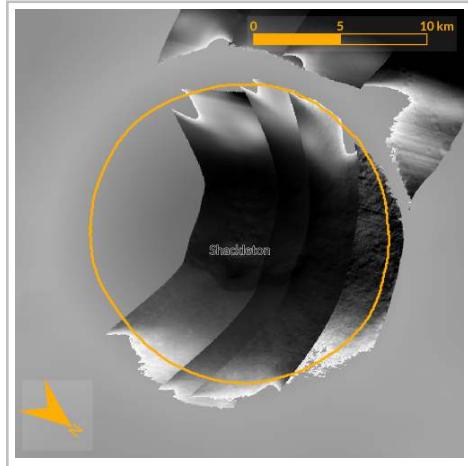
Features of Interest: 2012-258 (M1102304370R): 129.549, -89.632 (S803 L1622) - central peak on crater floor
Notes:
Image Lists: lroc.sese.asu.edu/psr/SP_896450_1282030



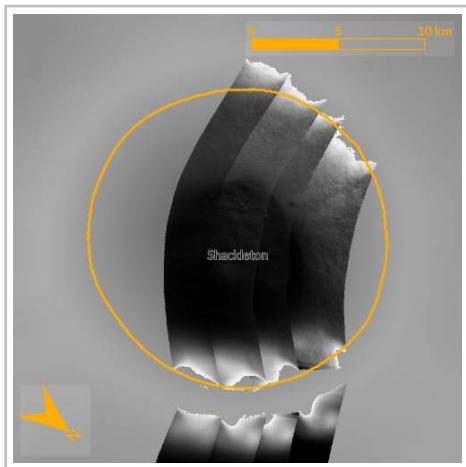
SP_896450_1282030_WAC_Color_Shade_context



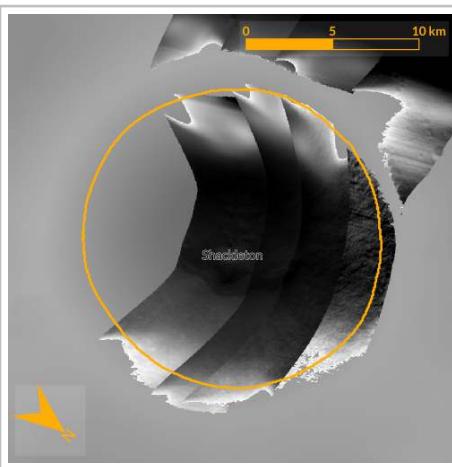
SP_896450_1282030_full



SP_896450_1282030_2012-258



SP_896450_1282030_2012-272



SP_896450_1282030_mosaic-PSRSHACKLOA



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