



**HIGH RESOLUTION IMAGING
SCIENCE EXPERIMENT**



DTM PDS RELEASES

April 2021

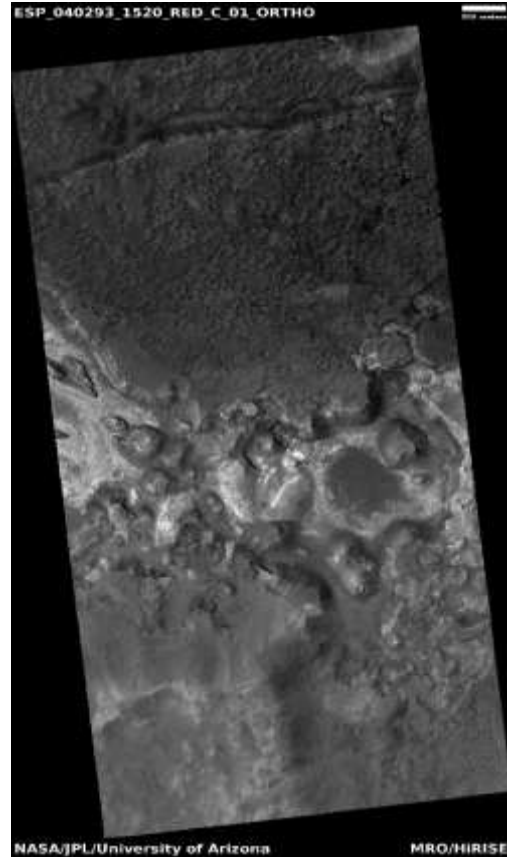
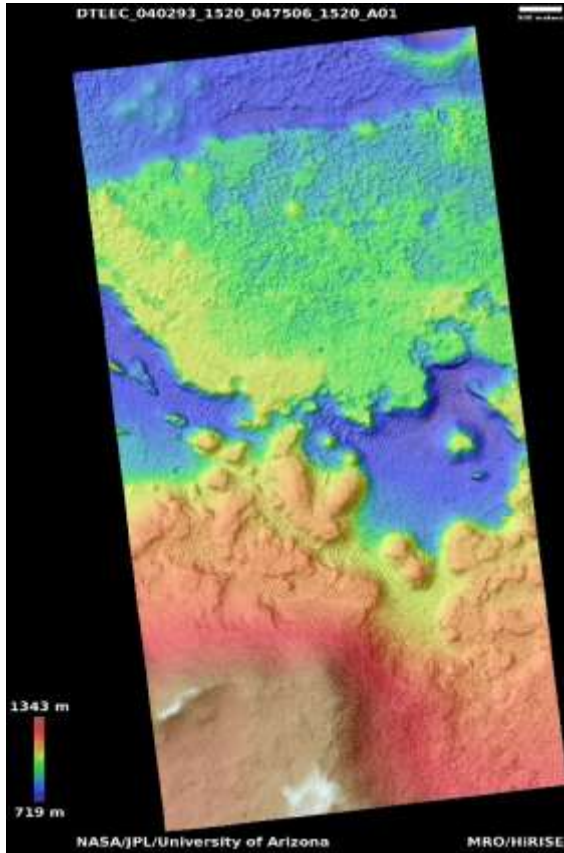
Edited by Kris Akers | UA

DTMs Included this Month

| | |
|---|----|
| Layers in Terra Sirenum..... | 1 |
| Pit in Hephaestus Fossae..... | 2 |
| Aeolis Planum..... | 3 |
| Sinuuous ridges near Juventae Chasma..... | 4 |
| Cones on crater floor in Terra Sirenum..... | 5 |
| New small south polar layered deposits impact..... | 6 |
| High-latitude exposure of north polar layered deposits..... | 7 |
| High-latitude exposure of north polar layered deposits..... | 8 |
| High-latitude exposure of north polar layered deposits..... | 9 |
| Gullies in crater in Terra Sirenum..... | 10 |

Layers in Terra Sirenum

DTEEC_040293_1520_047506_1520_A01



27.9°S 203.1°E

DTM Producer: UA | Kris Akers

Stereo Pair:

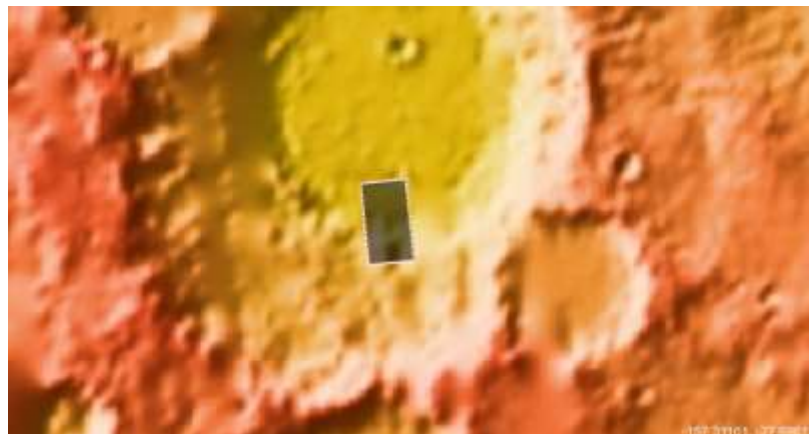
ESP_040293_1520

ESP_047506_1520

For more details about this DTM, visit:

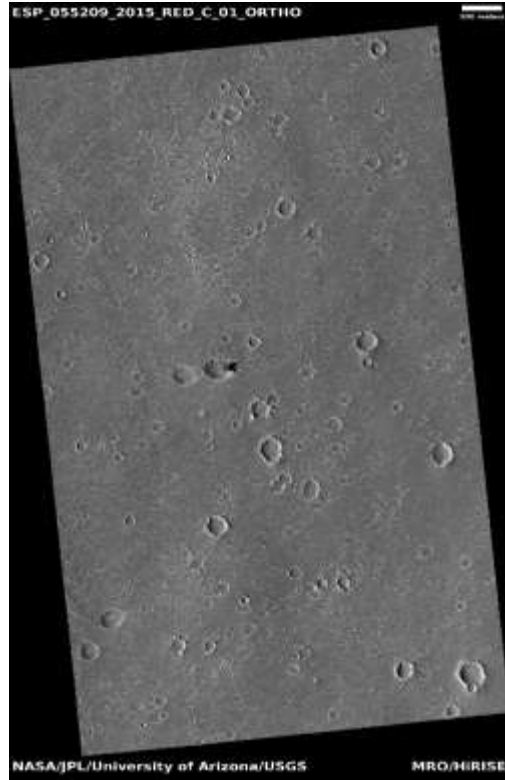
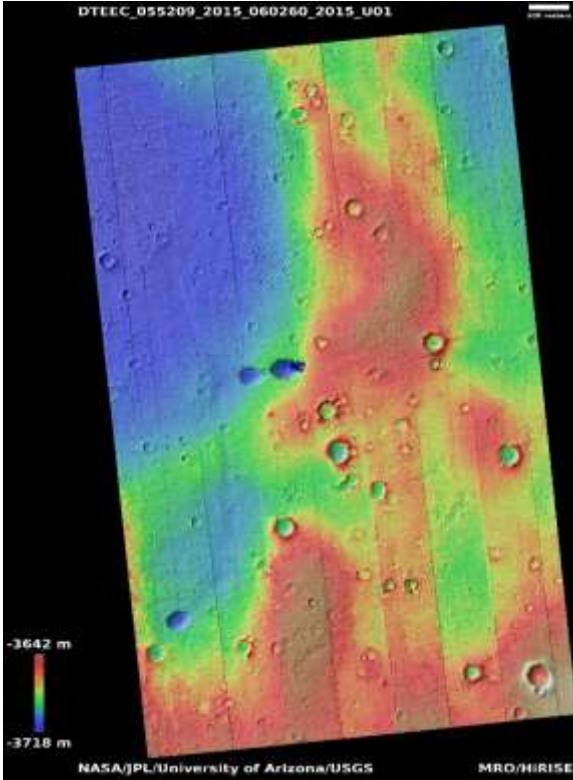
[https://www.uahirise.org/dtm/dtm.php?](https://www.uahirise.org/dtm/dtm.php?ID=ESP_040293_1520)

[ID=ESP_040293_1520](https://www.uahirise.org/dtm/dtm.php?ID=ESP_040293_1520)



Pit in Hephaestus Fossae

DTEEC_055209_2015_060260_2015_U01



21.4°N 127.1°E

DTM Producer: USGS | ASTROGEOLOGY

Stereo Pair:

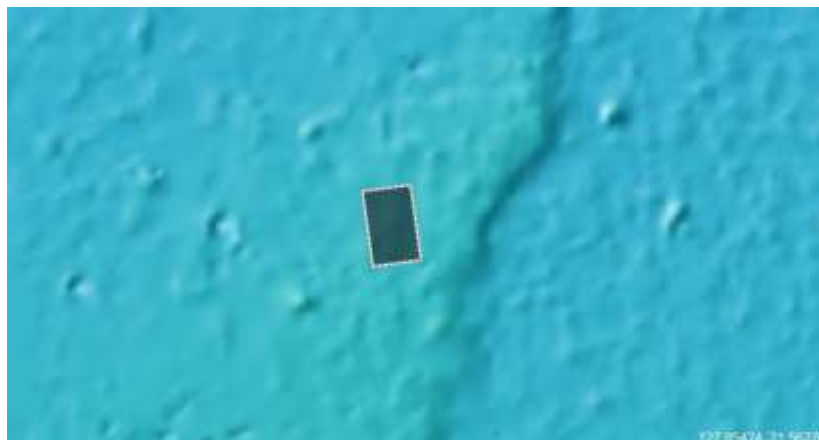
ESP_055209_2015

ESP_060260_2015

For more details about this DTM, visit:

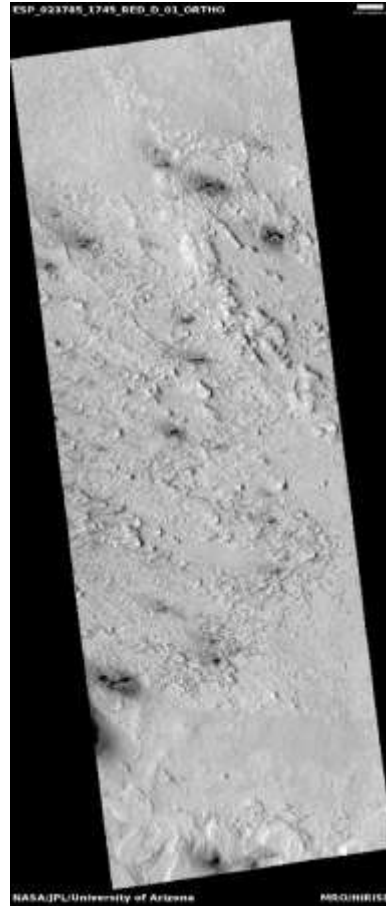
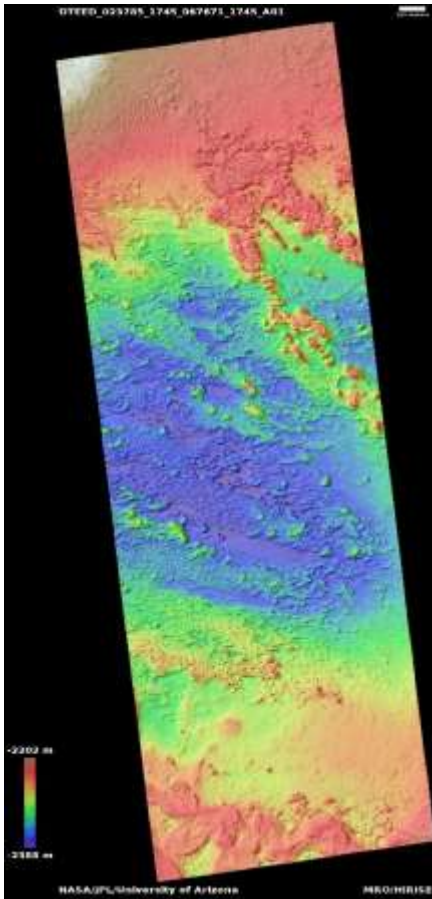
[https://www.uahirise.org/dtm/dtm.php?](https://www.uahirise.org/dtm/dtm.php?ID=ESP_055209_2015)

[ID=ESP_055209_2015](https://www.uahirise.org/dtm/dtm.php?ID=ESP_055209_2015)



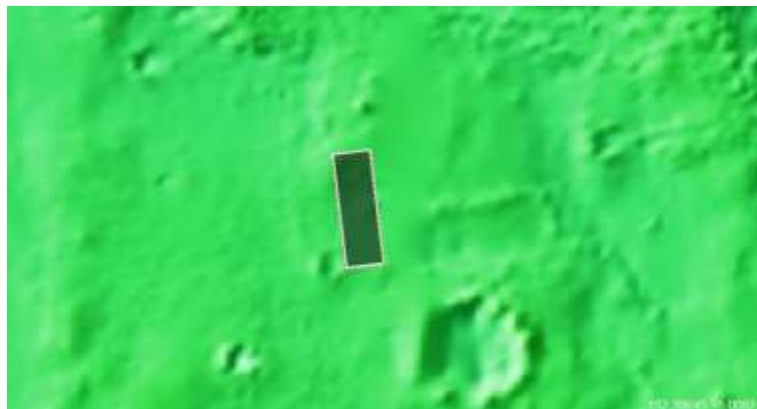
Aeolis Planum

DTEED_023785_1745_067671_1745_A01



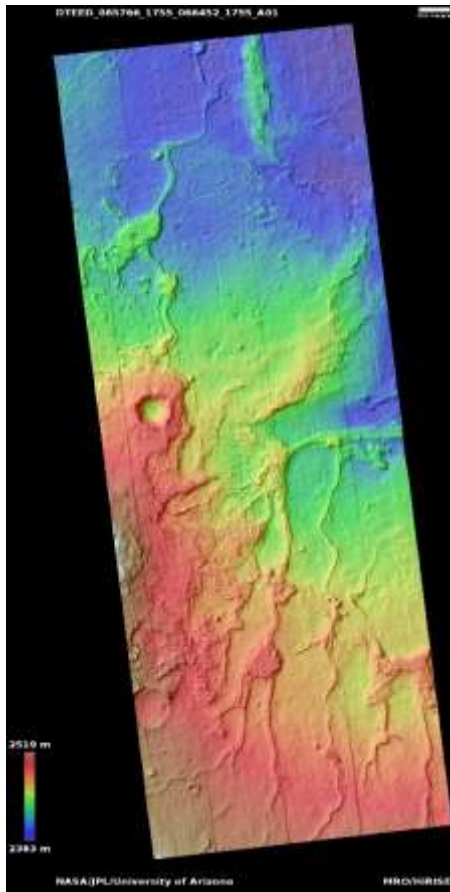
5.6°S 154.6°E
DTM Producer: UA | Kris Akers
Stereo Pair:
ESP_023785_1745
ESP_067671_1745

For more details about this DTM, visit:
https://www.uahirise.org/dtm/dtm.php?ID=ESP_023785_1745



Sinuuous ridges near Juventae Chasma

DTEED_065766_1755_066452_1755_A01



4.3°S 296.5°E

DTM Producer: UA | Kris Akers

Stereo Pair:

ESP_065766_1755

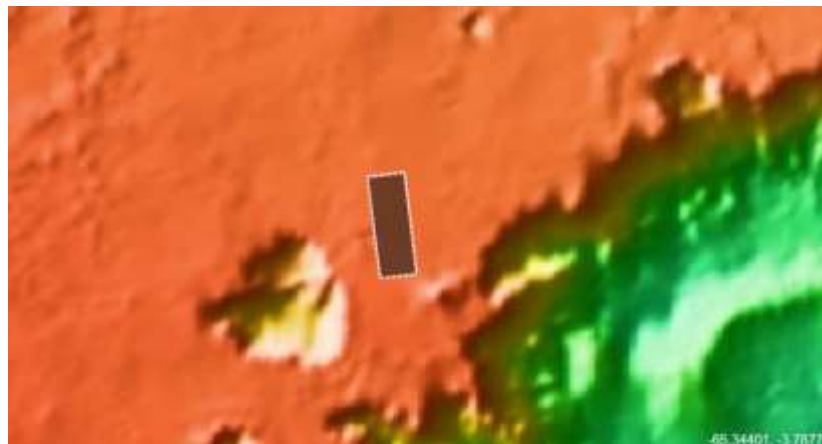
ESP_066452_1755

Extra Ortho:

PSP_005346_1755

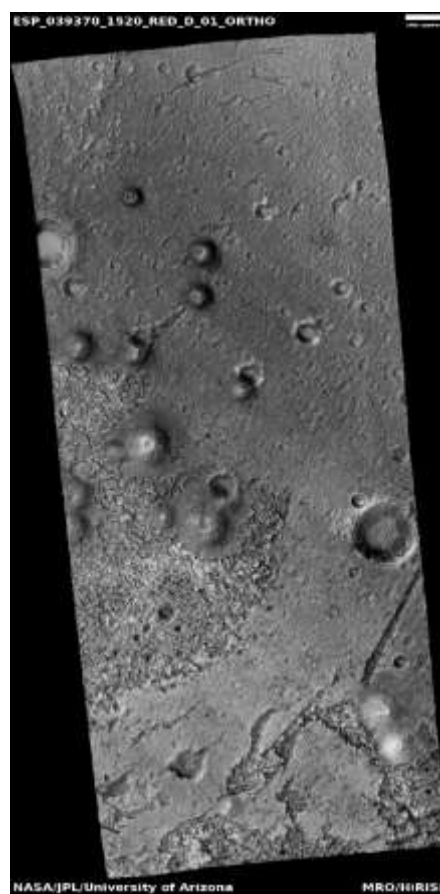
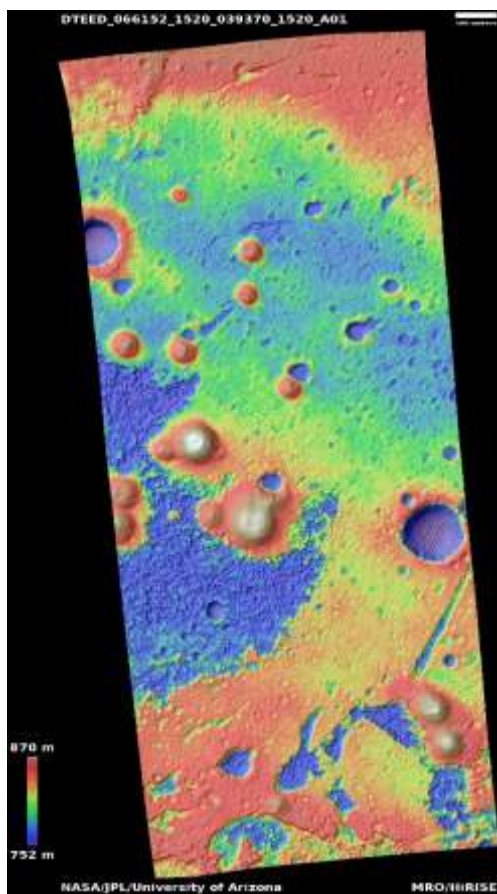
For more details about this DTM, visit:

https://www.uahirise.org/dtm/dtm.php?ID=ESP_065766_1755



Cones on crater floor in Terra Sirenum

DTEED_066152_1520_039370_1520_A01



27.6°S 203.2°E

DTM Producer: UA | Shavonne Morin

Stereo Pair:

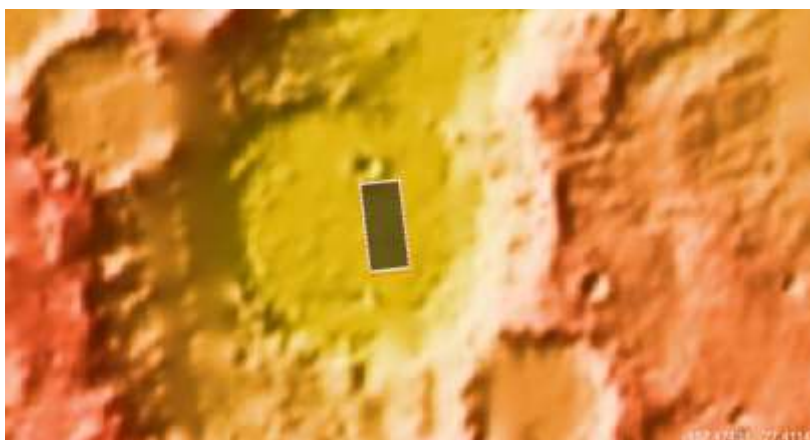
ESP_066152_1520

ESP_039370_1520

For more details about this DTM, visit:

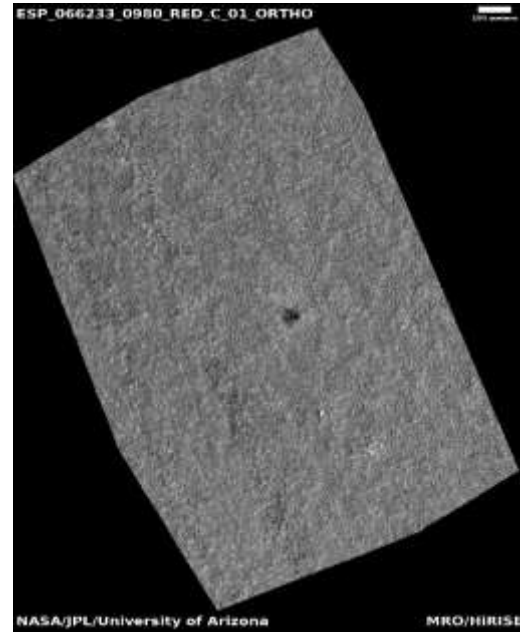
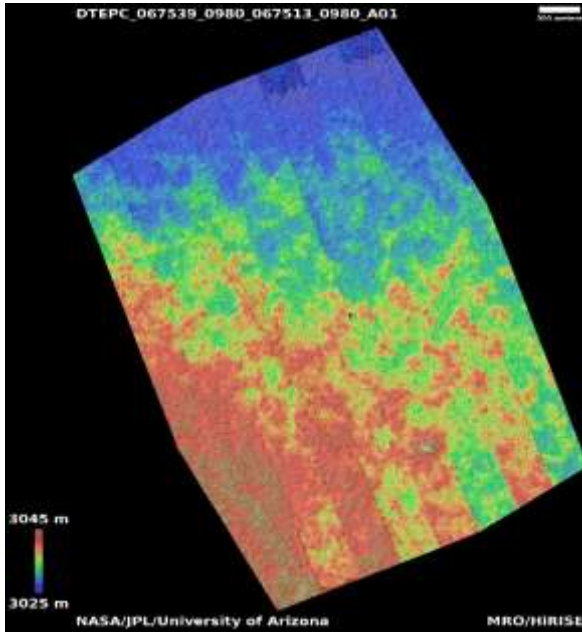
[https://www.uahirise.org/dtm/dtm.php?](https://www.uahirise.org/dtm/dtm.php?ID=ESP_066152_1520)

[ID=ESP_066152_1520](https://www.uahirise.org/dtm/dtm.php?ID=ESP_066152_1520)



New small south polar layered deposits impact

DTEPC_067539_0980_067513_0980_A01



82.0°S 175.7°E

DTM Producer: UA | Kris Akers

Stereo Pair:

ESP_067539_0980

ESP_067513_0980

Extra Orthos:

ESP_065745_0980 ESP_066233_0980 ESP_066576_0980

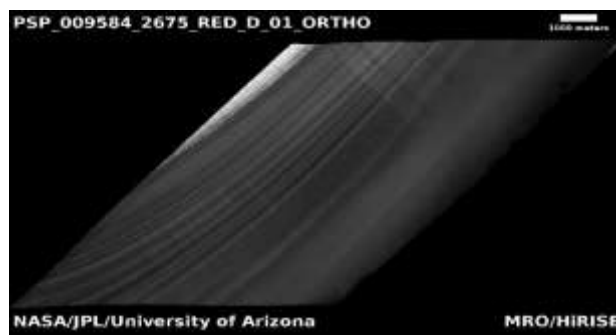
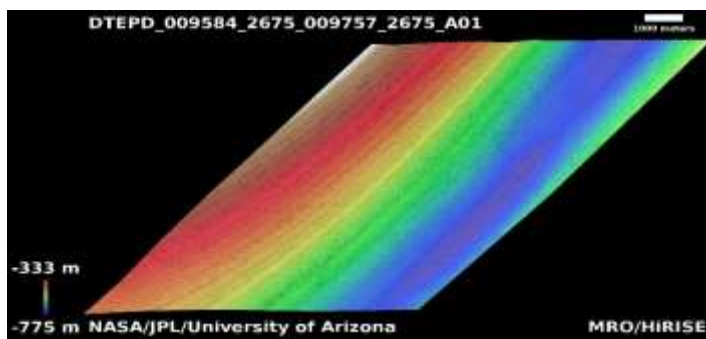
ESP_065811_0980 ESP_066431_0980

For more details about this DTM, visit:
https://www.uahirise.org/dtm/dtm.php?ID=ESP_067539_0980



High-latitude exposure of north polar layered deposits

DTEPD_009584_2675_009757_2675_A01



87.3°N 77.5°E

DTM Producer: UA | Shavonne Morin

Stereo Pair:

PSP_009584_2675

PSP_009757_2675

For more details about this DTM, visit:

https://www.uahirise.org/dtm/dtm.php?ID=PSP_009584_2675



High-latitude exposure of north polar layered deposits

DTEPD_018380_2680_018605_2680_A01



87.8°N 70.5°E

DTM Producer: UA | Shavonne Morin

Stereo Pair:

ESP_018380_2680

ESP_018605_2680

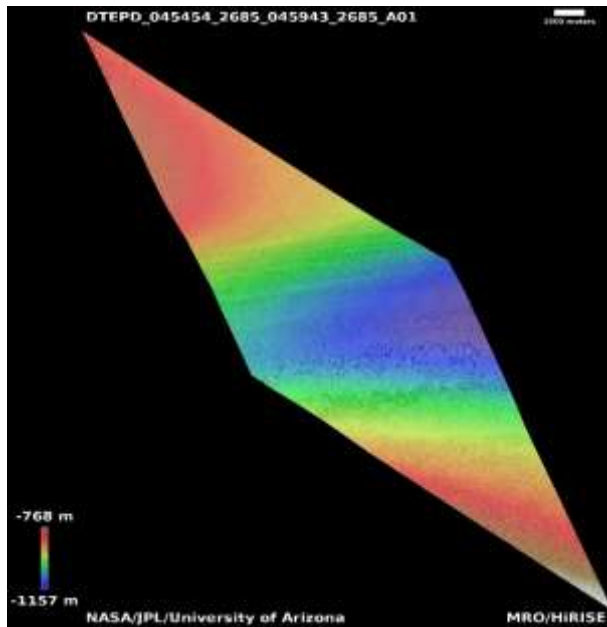
For more details about this DTM, visit:

https://www.uahirise.org/dtm/dtm.php?ID=ESP_018380_2680



High-latitude exposure of north polar layered deposits

DTEPD_045454_2685_045943_2685_A01



88.5°N 34.9°E

DTM Producer: UA | Shavonne Morin

Stereo Pair:

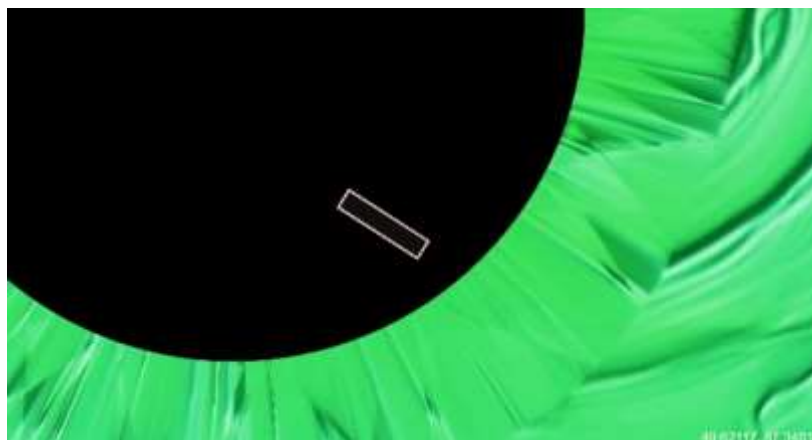
ESP_045454_2685

ESP_045943_2685

For more details about this DTM, visit:

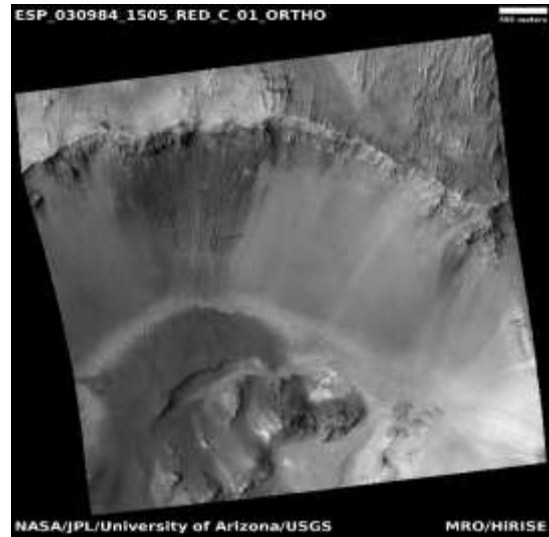
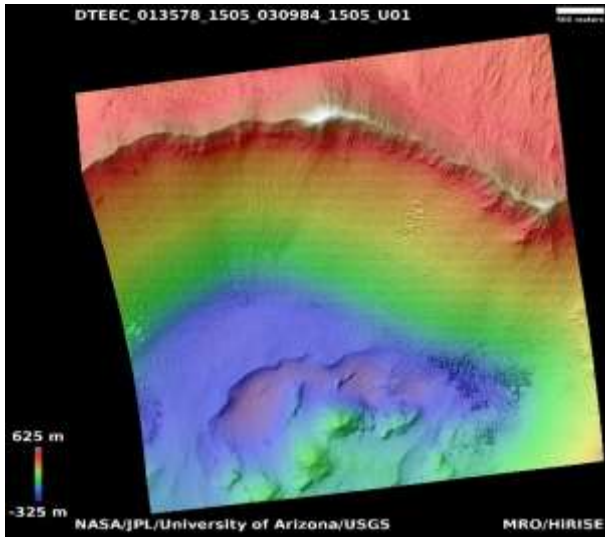
[https://www.uahirise.org/dtm/dtm.php?](https://www.uahirise.org/dtm/dtm.php?ID=ESP_045454_2685)

[ID=ESP_045454_2685](https://www.uahirise.org/dtm/dtm.php?ID=ESP_045454_2685)



Gullies in crater in Terra Sirenum

DTEEC_013578_1505_030984_1505_U01



29.1°S 181.8°E

DTM Producer: USGS | ASTROGEOLOGY

Stereo Pair:

ESP_013578_1505

ESP_030984_1505

For more details about this DTM, visit:

[https://www.uahirise.org/dtm/dtm.php?](https://www.uahirise.org/dtm/dtm.php?ID=ESP_013578_1505)

[ID=ESP_013578_1505](https://www.uahirise.org/dtm/dtm.php?ID=ESP_013578_1505)

