

All stacks mapped to polar stereographic projection at 38 m/pixel and maptrim'd to the following:

lat: 82.35 - 82.95

lon: 315.2 - 319.5

1. DEM: MLA+SfS (km)
2. Average Illumination: MLA-only (fraction of solar day)
3. Maximum Incident Solar Flux ($W m^{-2}$)
4. Slope: MLA+SfS (degrees 0 - 90)
5. Azimuth: MLA+SfS (degrees - orientation of crater wall): -180 - +180
6. Maximum Temperature (K) - All temperature and depth models are calculated over a two-year illumination cycle using MLA+SfS DEMs
7. Minimum Temperature (K)
8. Average Temperature (K)
9. Ice Depth (m) - All stability depth models are calculated up to 2.5m beneath the surface. Negative values are thermally stable at the surface!
10. Anthracene Depth (m)
11. Coronene Depth (m)
12. Sulfur Depth (m)
13. EW1051950532B Simulation (All simulations: radiance received by MDIS - Intensity/Flux)
14. EW1067123925B Simulation
15. EW1052529051B Simulation
16. EW1066915362B Simulation
17. EW1066945159B Simulation
18. EW0241545232G (WAC-7 narrowband filter: Intensity/Flux - corrected for dark, smear, non-linearity, flatfield, radiometric)
19. EW1047148750B (WAC-2 broadband filter: all broadband images are DN values corrected for dark, smear, and non-linearity)
20. EW1051950532B
21. EW1067123925B
22. EW1052529051B
23. EW1066915362B
24. EW1066945159B