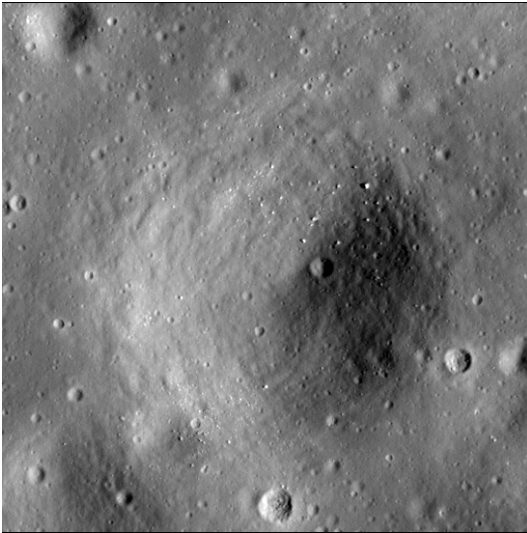


# Crater report 550 of RG2

## General information



**ID :** 550

**Study area :** RG2

**Swirl :** off-swirl

**Morphology :** Bowl-shaped

**Estimate state of degradation :** BC - C

**Mean Diameter :** 304m  $\pm$  13.0m

**Mean depth :** 25.0m  $\pm$  1.0m

**d/D ratio :** 0.082  $\pm$  0.005

**Circularity index :** 0.93

**Slope :** Between 9.45° et 14.84°

**Mean value of TRI on the rim crest :** 0.20

**Geometric center coordinates :** (3657994.827437656, 232598.61646350403)

**Coordinates of the crater's lowest point :** (3658015.000001101, 232583.00000006866)

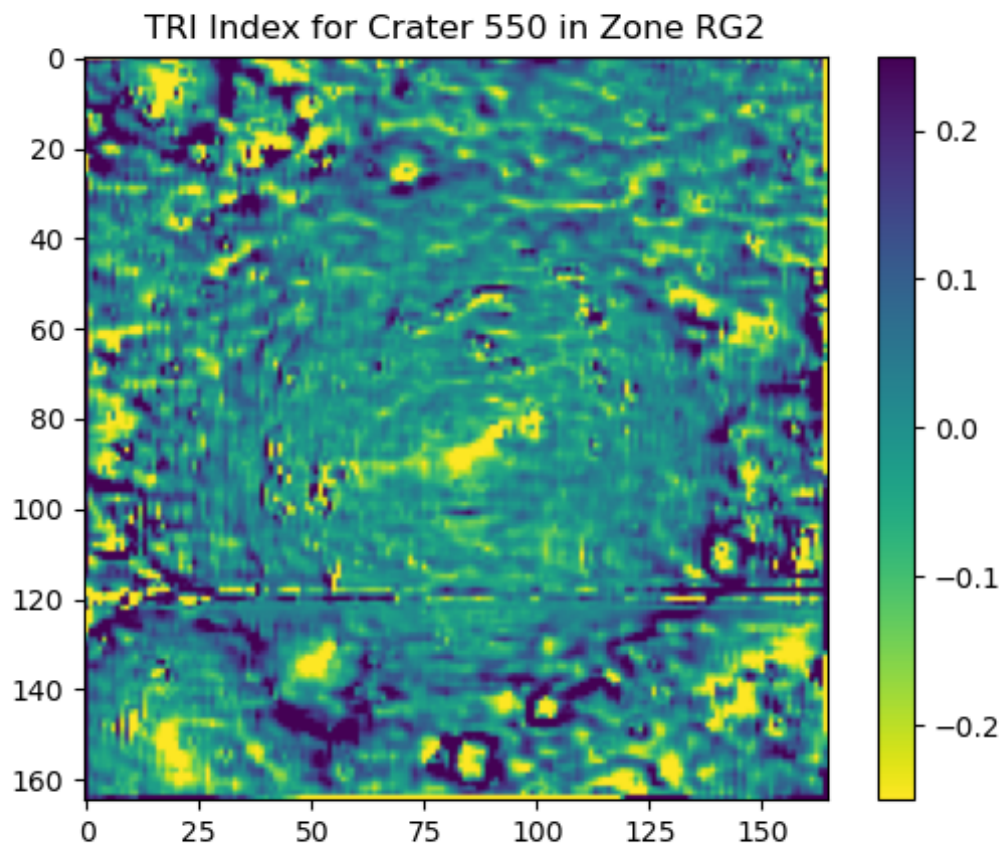
## Slopes data

| North orientation | Slope (°) | Uncertainty (°) |
|-------------------|-----------|-----------------|
| 0/360°            | 14.12     | 0.56            |
| 10°               | 13.1      | 0.54            |
| 20°               | 13.07     | 0.51            |
| 30°               | 13.11     | 0.48            |
| 40°               | 13.69     | 0.42            |
| 50°               | 14.17     | 0.43            |
| 60°               | 13.54     | 0.48            |
| 70°               | 13.72     | 0.51            |
| 80°               | 14.26     | 0.54            |
| 90°               | 14.84     | 0.56            |
| 100°              | 13.51     | 0.54            |
| 110°              | 12.78     | 0.51            |

|      |       |      |
|------|-------|------|
| 120° | 12.4  | 0.47 |
| 130° | 12.19 | 0.43 |
| 140° | 10.64 | 0.43 |
| 150° | 9.6   | 0.48 |
| 160° | 9.45  | 0.52 |
| 170° | 9.47  | 0.55 |
| 180° | 9.79  | 0.57 |
| 190° | 10.3  | 0.55 |
| 200° | 11.6  | 0.51 |
| 210° | 12.28 | 0.48 |
| 220° | 13.25 | 0.43 |
| 230° | 13.21 | 0.43 |
| 240° | 13.02 | 0.48 |
| 250° | 14.09 | 0.51 |
| 260° | 13.19 | 0.54 |
| 270° | 13.08 | 0.56 |
| 280° | 12.09 | 0.54 |
| 290° | 11.48 | 0.52 |
| 300° | 11.43 | 0.48 |
| 310° | 12.06 | 0.43 |
| 320° | 12.91 | 0.43 |
| 330° | 13.23 | 0.47 |
| 340° | 13.52 | 0.51 |
| 350° | 13.62 | 0.54 |

## Topographic roughness index (TRI)

The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedness or the unevenness of terrain. It reflects how much elevation change over a given area.



## Topographic profiles

