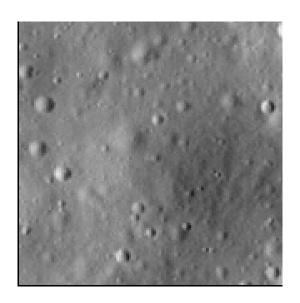


# Crater report 2183 of RG2

#### **General information**



**ID**:2183

Study area: RG2 Swirl: on-swirl

Morphology: Bowl-shaped

Estimate state of degradation : C

Mean Diameter: 86m ± 3.0m

Mean depht:  $3.3m \pm 0.3m$ 

**d/D ratio** :  $0.038 \pm 0.003$ 

Circularity index: 0.93

Mean slope: 4.56°

Mean value of TRI on the rim crest: 0.05

**Geometric center coordinates :** (3658133.1462100693, 219656.03888872612)

**Coordinates of the crater's lowest point :** (3658129.000001101, 219649.0000006476)

### Slopes data

| North orientation | Slope (°) | Uncertainty (°) |
|-------------------|-----------|-----------------|
| 0/360°            | 4.08      | 0.57            |
| 10°               | 3.79      | 0.54            |
| 20°               | 3.67      | 0.52            |
| 30°               | 3.68      | 0.48            |
| 40°               | 3.72      | 0.44            |
| 50°               | 4.0       | 0.43            |
| 60°               | 4.13      | 0.48            |
| 70°               | 4.46      | 0.52            |
| 80°               | 4.91      | 0.54            |
| 90°               | 5.19      | 0.57            |
| 100°              | 4.98      | 0.54            |
| 110°              | 4.83      | 0.52            |



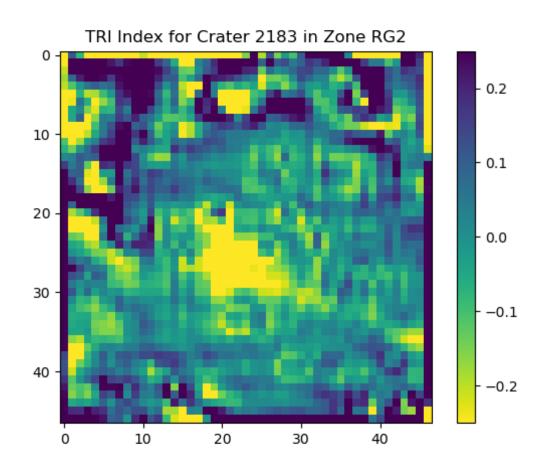


| 120° | 5.17 | 0.48 |
|------|------|------|
| 130° | 5.67 | 0.43 |
| 140° | 5.83 | 0.43 |
| 150° | 5.42 | 0.48 |
| 160° | 5.25 | 0.52 |
| 170° | 5.21 | 0.54 |
| 180° | 5.33 | 0.57 |
| 190° | 5.06 | 0.55 |
| 200° | 4.85 | 0.52 |
| 210° | 5.0  | 0.47 |
| 220° | 5.13 | 0.42 |
| 230° | 4.78 | 0.44 |
| 240° | 4.52 | 0.47 |
| 250° | 4.04 | 0.51 |
| 260° | 3.95 | 0.54 |
| 270° | 4.02 | 0.57 |
| 280° | 4.15 | 0.55 |
| 290° | 4.27 | 0.52 |
| 300° | 4.35 | 0.47 |
| 310° | 4.43 | 0.44 |
| 320° | 4.3  | 0.44 |
| 330° | 3.91 | 0.49 |
| 340° | 3.92 | 0.52 |
| 350° | 4.02 | 0.54 |
|      |      |      |

## Topographic roughness index (TRI)

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





## **Topographic profiles**

