

Crater report 1150 of RG2

General information



ID : 1150

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : B - BC

Mean Diameter : 59m \pm 5.0m

Mean depth : 5.6m \pm 0.3m

d/D ratio : 0.094 \pm 0.01

Circularity index : 0.9

Slope : Between 10.47° et 23.28°

Mean value of TRI on the rim crest : 0.16

Geometric center coordinates : (3656398.186087131, 225336.07603217036)

Coordinates of the crater's lowest point : (3656399.0000011004, 225333.0000000665)

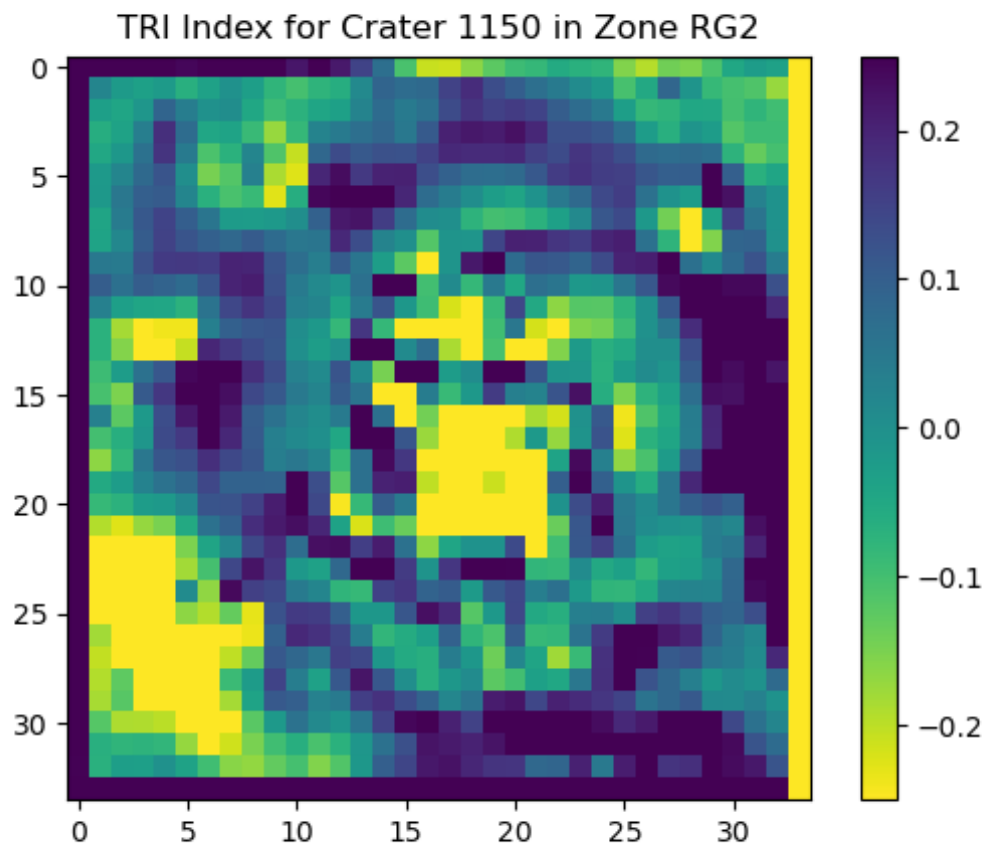
Slopes data

| North orientation | Slope (°) | Uncertainty (°) |
|-------------------|-----------|-----------------|
| 0/360° | 12.89 | 0.57 |
| 10° | 12.82 | 0.54 |
| 20° | 12.95 | 0.52 |
| 30° | 11.83 | 0.46 |
| 40° | 11.36 | 0.43 |
| 50° | 10.84 | 0.44 |
| 60° | 10.47 | 0.48 |
| 70° | 11.68 | 0.52 |
| 80° | 11.98 | 0.54 |
| 90° | 14.38 | 0.56 |
| 100° | 15.85 | 0.53 |
| 110° | 17.41 | 0.48 |

| | | |
|------|-------|------|
| 120° | 17.58 | 0.44 |
| 130° | 20.63 | 0.39 |
| 140° | 18.45 | 0.39 |
| 150° | 17.84 | 0.48 |
| 160° | 16.42 | 0.53 |
| 170° | 16.31 | 0.53 |
| 180° | 19.97 | 0.55 |
| 190° | 19.77 | 0.52 |
| 200° | 23.28 | 0.5 |
| 210° | 18.48 | 0.48 |
| 220° | 18.56 | 0.44 |
| 230° | 20.52 | 0.45 |
| 240° | 20.33 | 0.47 |
| 250° | 18.67 | 0.48 |
| 260° | 19.23 | 0.52 |
| 270° | 20.19 | 0.55 |
| 280° | 17.3 | 0.53 |
| 290° | 16.25 | 0.48 |
| 300° | 16.41 | 0.48 |
| 310° | 15.29 | 0.43 |
| 320° | 14.29 | 0.43 |
| 330° | 12.98 | 0.48 |
| 340° | 13.11 | 0.51 |
| 350° | 12.34 | 0.53 |

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

