

# Crater report 2440 of RG2

## General information



**ID :** 2440

**Study area :** RG2

**Swirl :** on-swirl

**Morphology :** Bowl-shaped

**Estimate state of degradation :** C

**Mean Diameter :** 163m  $\pm$  7.0m

**Mean depth :** 7.5m  $\pm$  0.4m

**d/D ratio :** 0.046  $\pm$  0.003

**Circularity index :** 0.94

**Mean slope :** 5.83°

**Mean value of TRI on the rim crest :** 0.22

**Geometric center coordinates :** (3657121.3034162587, 218256.56077694704)

**Coordinates of the crater's lowest point :** (3657119.0000011004, 218265.00000006435)

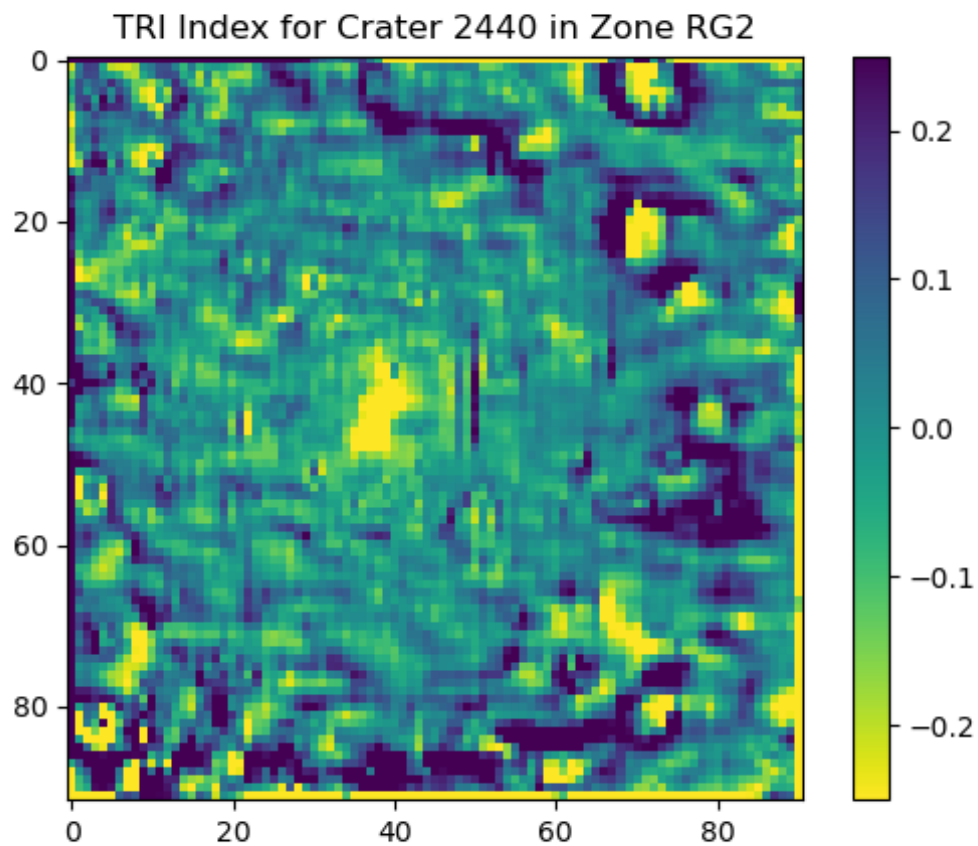
## Slopes data

| North orientation | Slope (°) | Uncertainty (°) |
|-------------------|-----------|-----------------|
| 0/360°            | 5.12      | 0.57            |
| 10°               | 4.75      | 0.54            |
| 20°               | 4.74      | 0.51            |
| 30°               | 4.94      | 0.48            |
| 40°               | 5.21      | 0.43            |
| 50°               | 5.45      | 0.43            |
| 60°               | 5.72      | 0.48            |
| 70°               | 6.05      | 0.52            |
| 80°               | 6.73      | 0.54            |
| 90°               | 7.51      | 0.57            |
| 100°              | 7.43      | 0.54            |
| 110°              | 7.27      | 0.51            |

|      |      |      |
|------|------|------|
| 120° | 7.04 | 0.48 |
| 130° | 7.02 | 0.43 |
| 140° | 6.75 | 0.43 |
| 150° | 6.51 | 0.48 |
| 160° | 6.21 | 0.51 |
| 170° | 6.45 | 0.54 |
| 180° | 6.51 | 0.57 |
| 190° | 6.31 | 0.54 |
| 200° | 6.03 | 0.52 |
| 210° | 5.98 | 0.48 |
| 220° | 6.11 | 0.43 |
| 230° | 6.14 | 0.43 |
| 240° | 5.68 | 0.48 |
| 250° | 5.66 | 0.51 |
| 260° | 5.58 | 0.54 |
| 270° | 5.55 | 0.57 |
| 280° | 4.95 | 0.54 |
| 290° | 4.61 | 0.51 |
| 300° | 4.54 | 0.48 |
| 310° | 4.99 | 0.43 |
| 320° | 5.09 | 0.44 |
| 330° | 5.09 | 0.48 |
| 340° | 5.04 | 0.51 |
| 350° | 5.0  | 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

