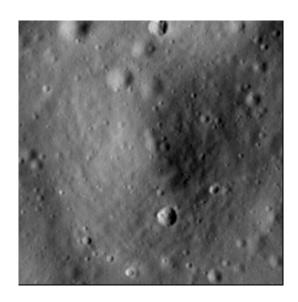# Crater report 2253
# of RG2

General information

ID : 2253

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 131m ± 7.0m

Mean depht : 8.7m ± 0.5m

d/D ratio : 0.066 ± 0.005

Circularity index : 0.93

Slope : Between 4.6° et 12.95°

Mean value of TRI on the rim crest : 0.15

Geometric center coordinates : (3658778.091078969, 219731.9833472939)

Coordinates of the crater's lowest point : (3658777.000001101, 219735.00000006479)

Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	7.15	0.57
10°	6.93	0.54
20°	5.22	0.51
30°	4.6	0.48
40°	6.15	0.42
50°	7.31	0.43
60°	8.04	0.48
70°	9.1	0.51
80°	10.4	0.54
90°	11.19	0.57
100°	10.96	0.54
110°	11.93	0.51

120°	12.75	0.48
130°	12.95	0.43
140°	12.38	0.44
150°	11.21	0.47
160°	9.7	0.52
170°	9.54	0.53
180°	9.75	0.57
190°	8.99	0.54
200°	8.56	0.52
210°	8.49	0.48
220°	9.3	0.43
230°	9.84	0.44
240°	10.08	0.48
250°	11.35	0.51
260°	11.52	0.54
270°	11.43	0.57
280°	10.56	0.54
290°	9.54	0.52
300°	7.86	0.48
310°	7.66	0.43
320°	6.95	0.43
330°	6.68	0.48
340°	7.12	0.52
350°	6.44	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.

TRI Index for Crater 2253 in Zone RG2

Topographic profiles

Topographic Profile for Angles 0° to 180° of Crater 2253

Topographic Profile for Angles 10° to 190° of Crater 2253

Topographic Profile for Angles 20° to 200° of Crater 2253

Topographic Profile for Angles 30° to 210° of Crater 2253

Topographic Profile for Angles 40° to 220° of Crater 2253

Topographic Profile for Angles 50° to 230° of Crater 2253

Topographic Profile for Angles 60° to 240° of Crater 2253

Topographic Profile for Angles 70° to 250° of Crater 2253

Topographic Profile for Angles 80° to 260° of Crater 2253

Topographic Profile for Angles 90° to 270° of Crater 2253

Topographic Profile for Angles 100° to 280° of Crater 2253

Topographic Profile for Angles 110° to 290° of Crater 2253

Topographic Profile for Angles 120° to 300° of Crater 2253

Topographic Profile for Angles 130° to 310° of Crater 2253

Topographic Profile for Angles 140° to 320° of Crater 2253

Topographic Profile for Angles 150° to 330° of Crater 2253

Topographic Profile for Angles 160° to 340° of Crater 2253

Topographic Profile for Angles 170° to 350° of Crater 2253