

Crater report 459 of RG2

General information



ID : 459

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 155m \pm 10.0m

Mean depth : 10.6m \pm 0.4m

d/D ratio : 0.068 \pm 0.005

Circularity index : 0.91

Mean slope : 9.13°

Mean value of TRI on the rim crest : 0.52

Geometric center coordinates : (3656169.630946226, 231273.31316595853)

Coordinates of the crater's lowest point : (3656169.0000011004, 231265.00000006825)

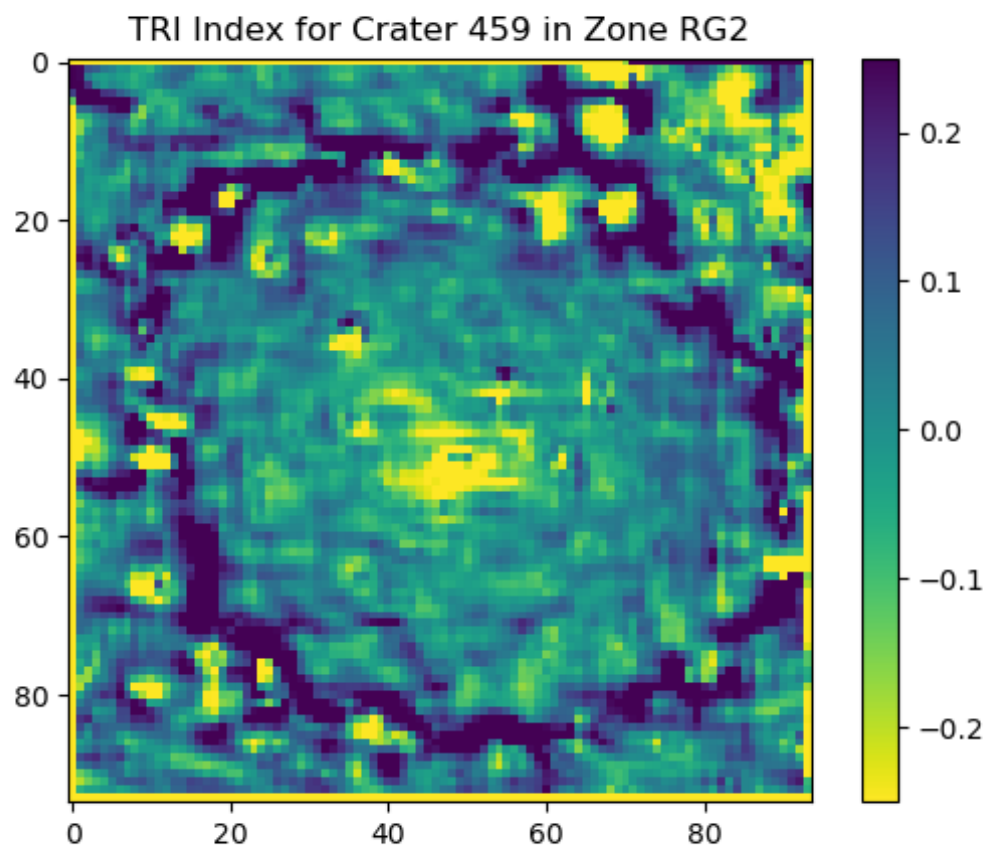
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	10.2	0.57
10°	10.15	0.54
20°	10.22	0.51
30°	10.12	0.48
40°	10.29	0.43
50°	10.13	0.43
60°	9.96	0.48
70°	10.2	0.51
80°	10.24	0.54
90°	10.86	0.57
100°	9.92	0.54
110°	9.42	0.52

120°	9.21	0.48
130°	9.42	0.43
140°	9.21	0.43
150°	8.63	0.48
160°	9.04	0.51
170°	9.37	0.54
180°	9.91	0.57
190°	9.69	0.54
200°	9.69	0.51
210°	9.61	0.47
220°	9.38	0.43
230°	8.83	0.43
240°	7.99	0.48
250°	7.5	0.52
260°	7.23	0.54
270°	7.41	0.57
280°	7.23	0.54
290°	7.1	0.51
300°	7.26	0.48
310°	7.9	0.43
320°	8.36	0.43
330°	8.41	0.48
340°	9.06	0.51
350°	9.59	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

