Crater report 2967 of RG2

General information

ID : 2967

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 93m ± 5.0m

Mean depht : 3.2m ± 0.3m

d/D ratio : 0.035 ± 0.004

Circularity index : 0.9

Slope : Between 1.89° et 7.38°

Mean value of TRI on the rim crest : 0.27

Geometric center coordinates : (3658591.267329421, 213849.28387917017)

Coordinates of the crater's lowest point : (3658597.000001101, 213853.000000063)

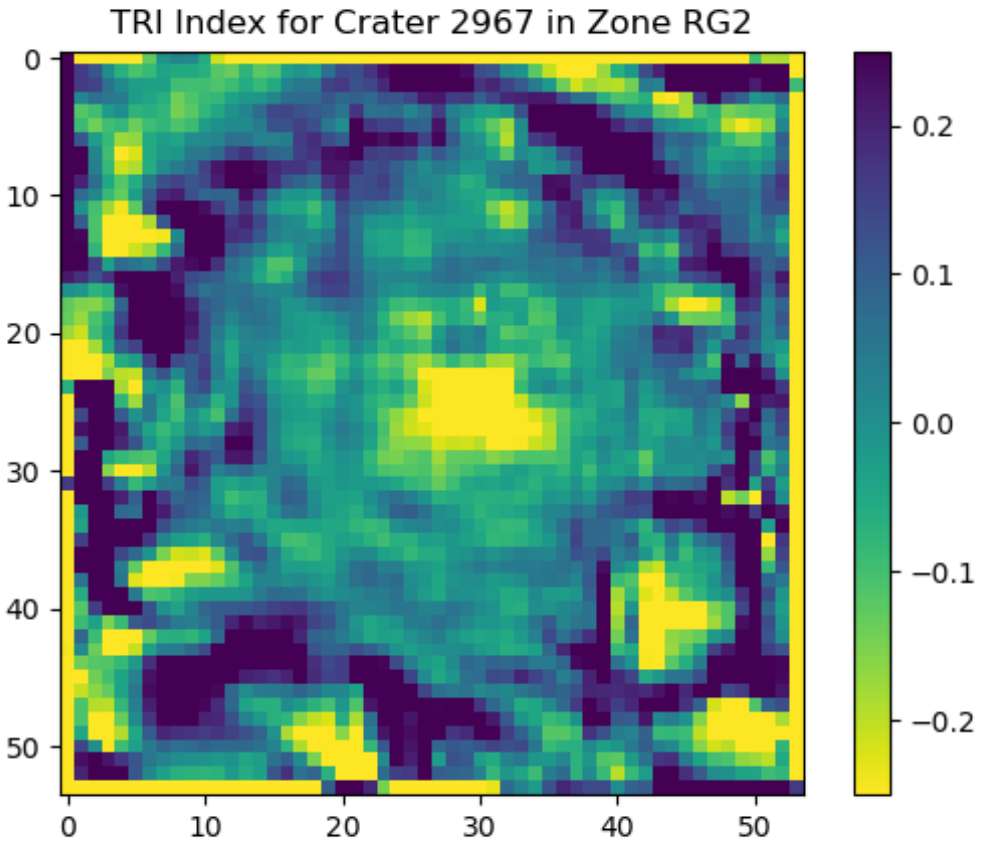
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	5.24	0.57
10°	5.39	0.55
20°	5.38	0.5
30°	5.44	0.48
40°	5.14	0.43
50°	4.71	0.43
60°	4.25	0.48
70°	4.28	0.5
80°	4.21	0.55
90°	4.41	0.57
100°	4.15	0.55
110°	3.92	0.52

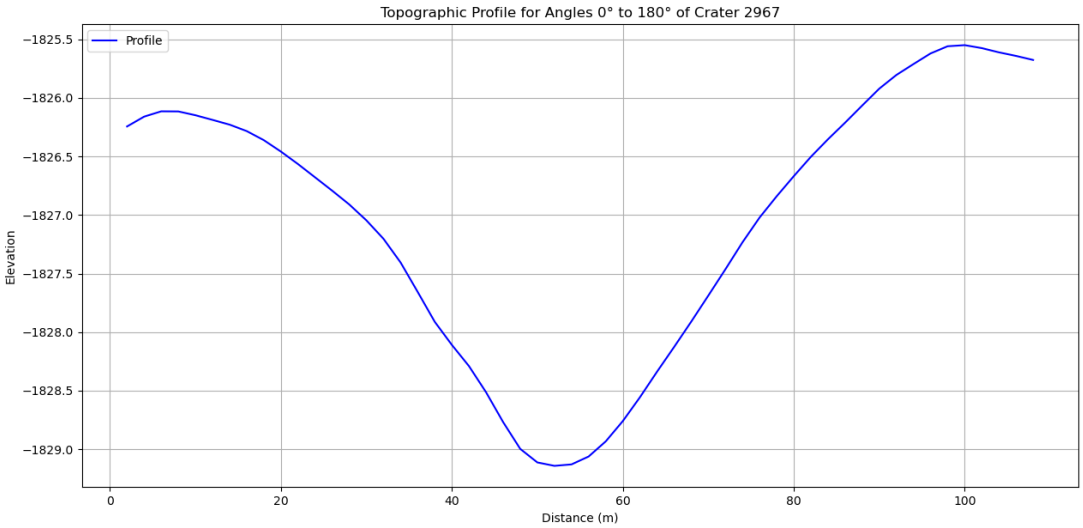
120°	3.68	0.47
130°	4.39	0.43
140°	1.89	0.43
150°	4.74	0.47
160°	4.84	0.52
170°	5.14	0.54
180°	5.52	0.57
190°	5.79	0.54
200°	6.0	0.52
210°	6.27	0.48
220°	6.44	0.42
230°	6.23	0.42
240°	6.15	0.46
250°	6.37	0.51
260°	7.05	0.54
270°	7.38	0.57
280°	6.69	0.54
290°	6.62	0.51
300°	6.67	0.48
310°	7.19	0.42
320°	6.93	0.43
330°	6.08	0.47
340°	5.65	0.5
350°	5.38	0.54

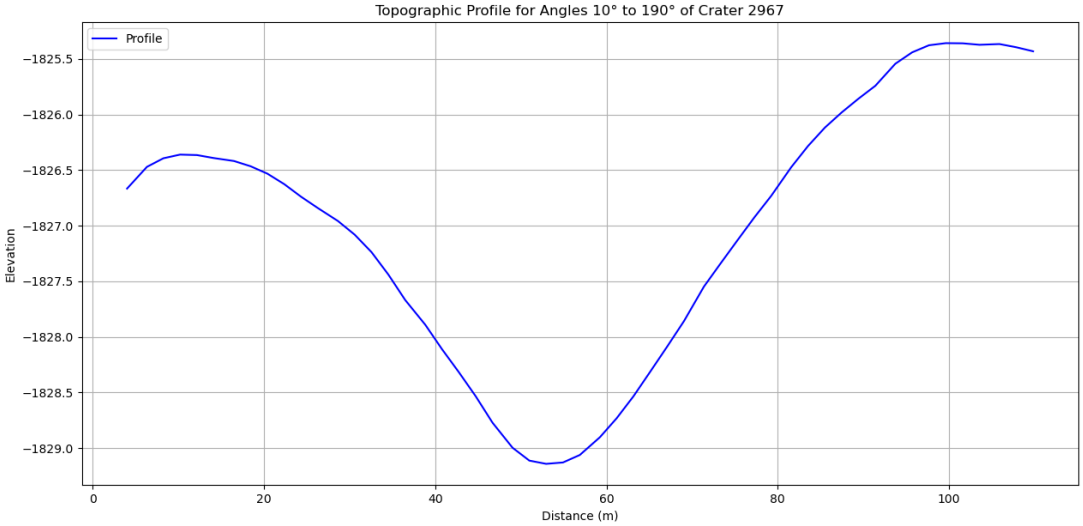
Topographic roughness index (TRI)

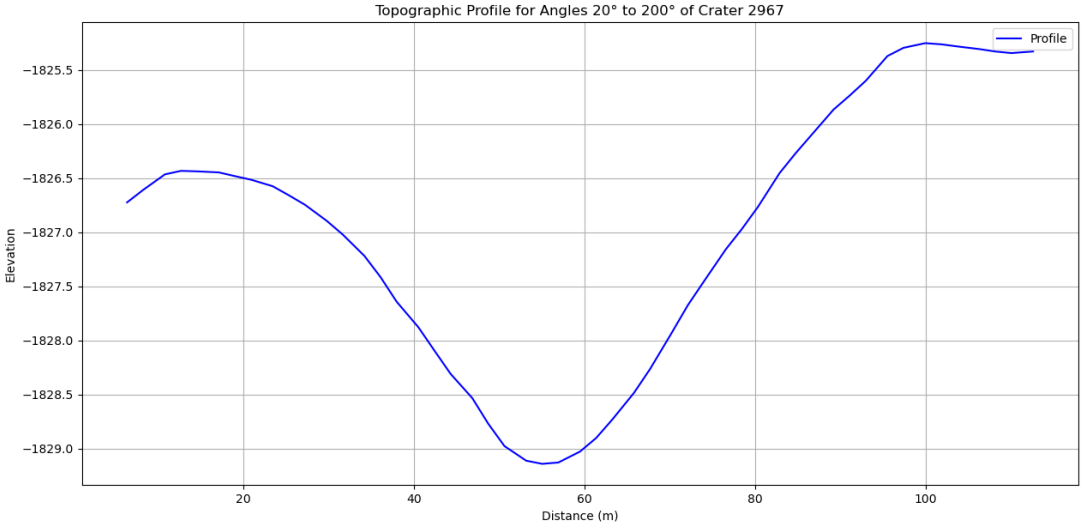
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

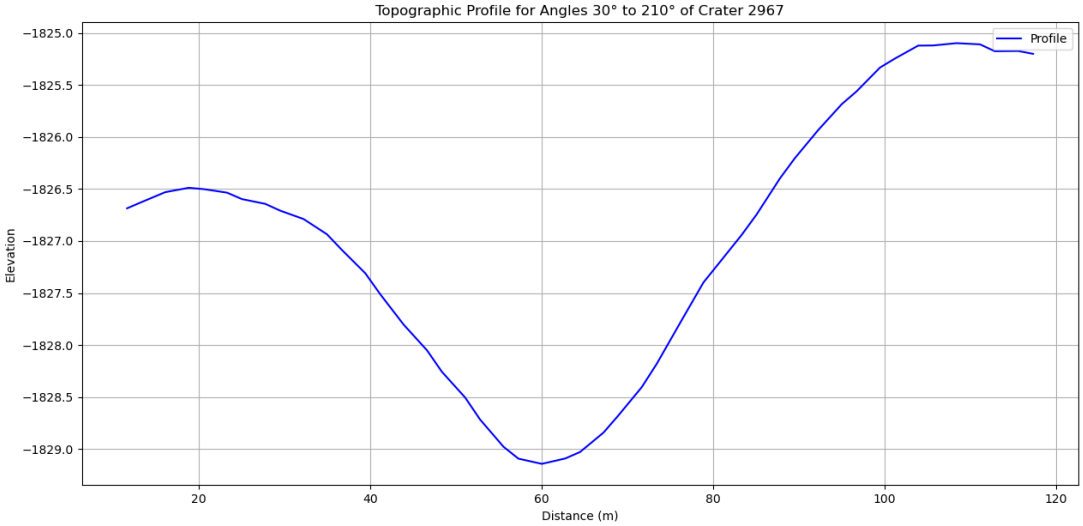


Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 2967
Profile
Elevation
−1825.5
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 2967
Profile
Elevation
−1825.5
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 2967
Profile
Elevation
Distance (m)
−1825.0
−1825.5
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
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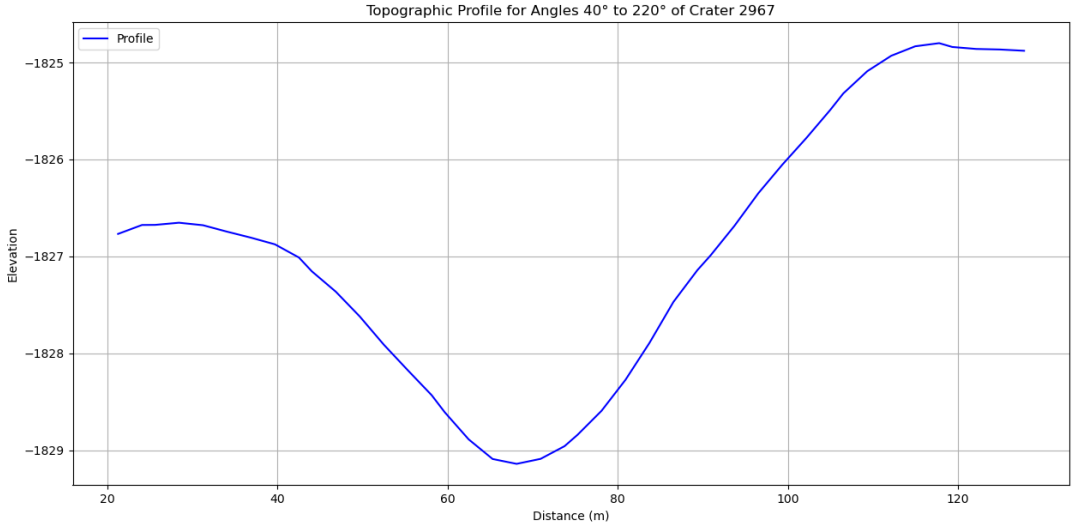
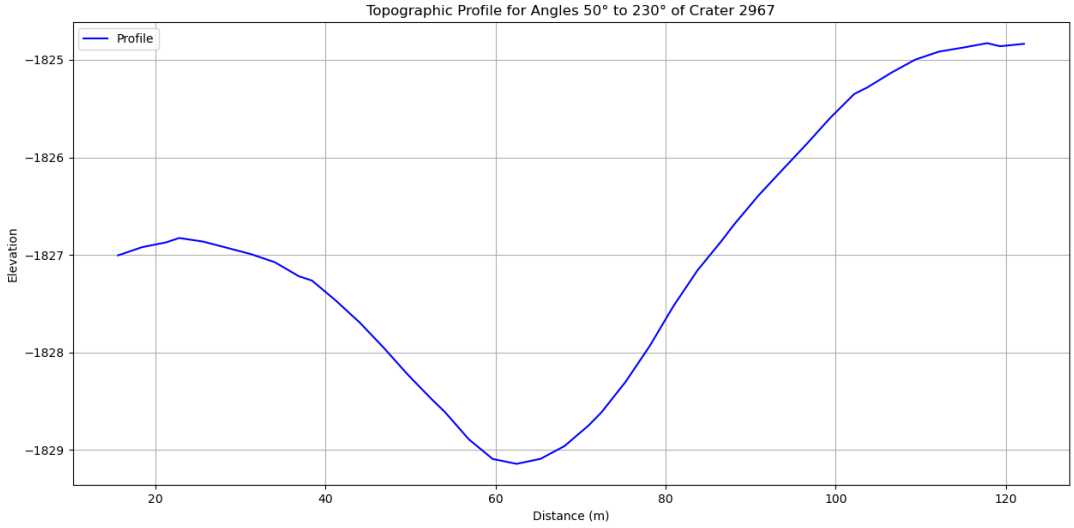
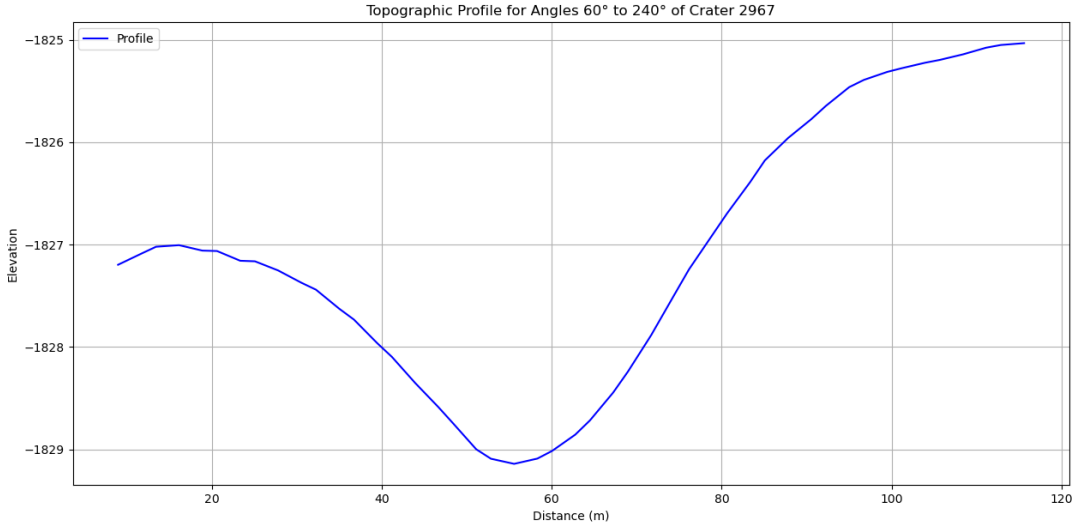
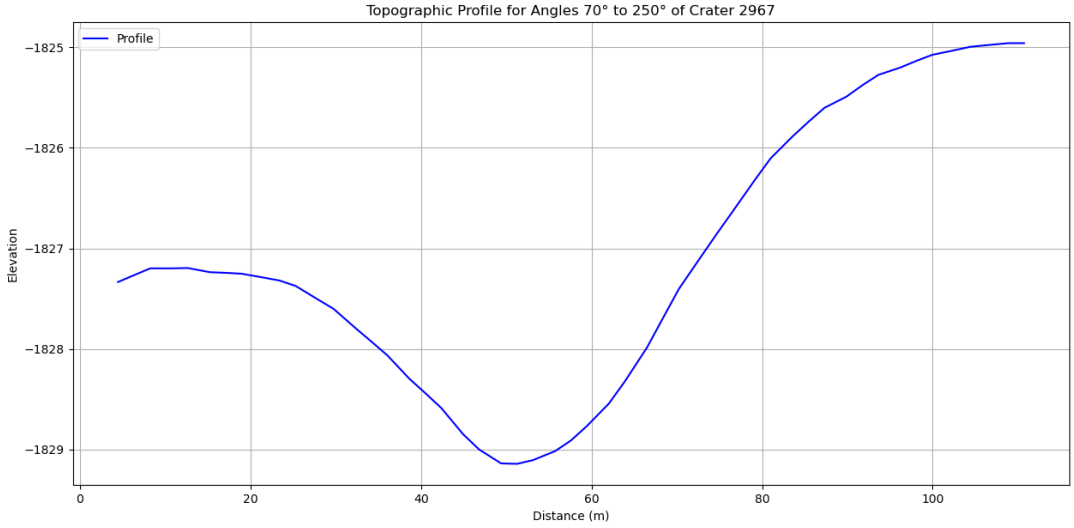
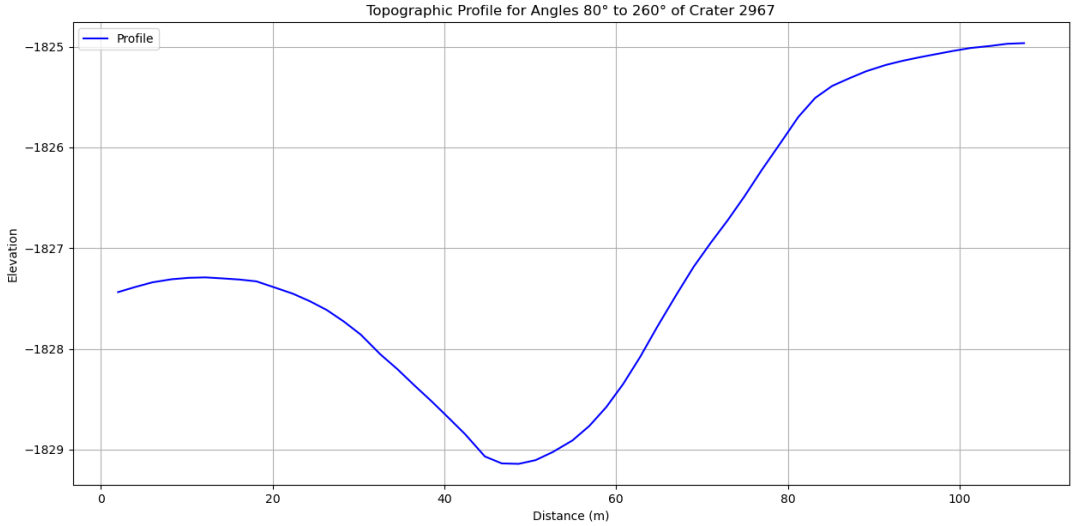
−1829.0
20
40
60
80
100
120

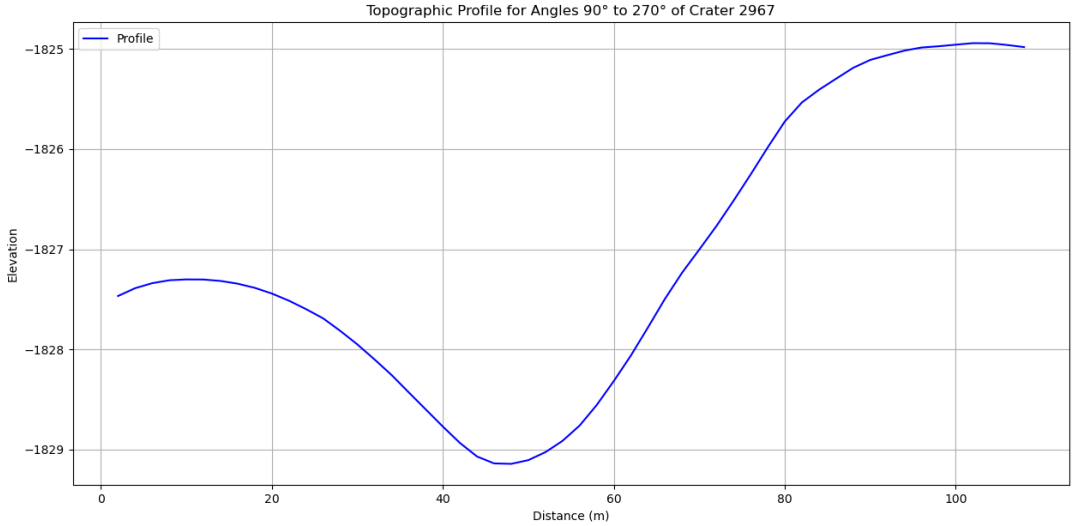

Topographic Profile for Angles 40° to 220° of Crater 2967
Profile
Elevation
Distance (m)
−1825
−1826
−1827
−1828
−1829
20
40
60
80
100
120

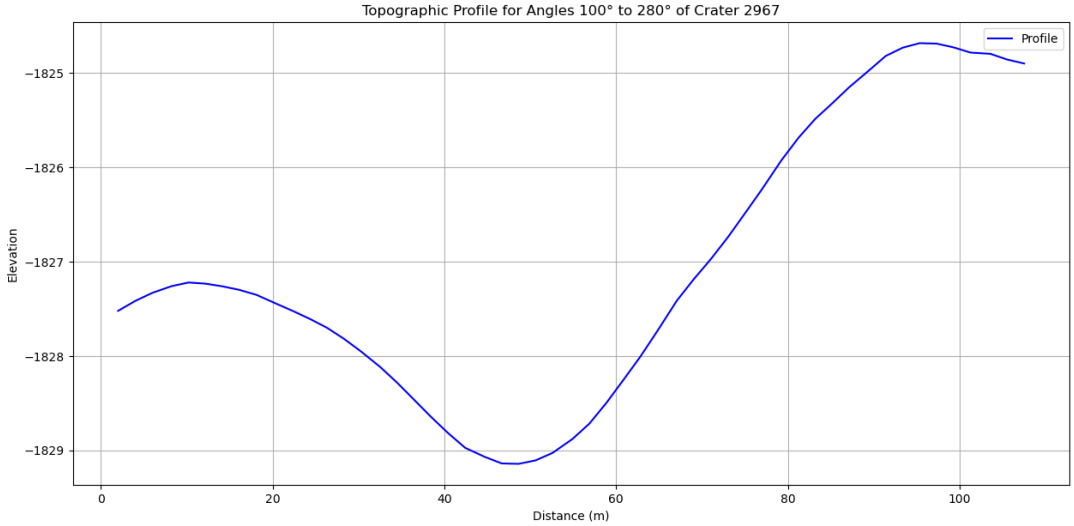

Topographic Profile for Angles 50° to 230° of Crater 2967
Profile
Elevation
−1825
−1826
−1827
−1828
−1829
20
40
60
80
100
120
Distance (m)

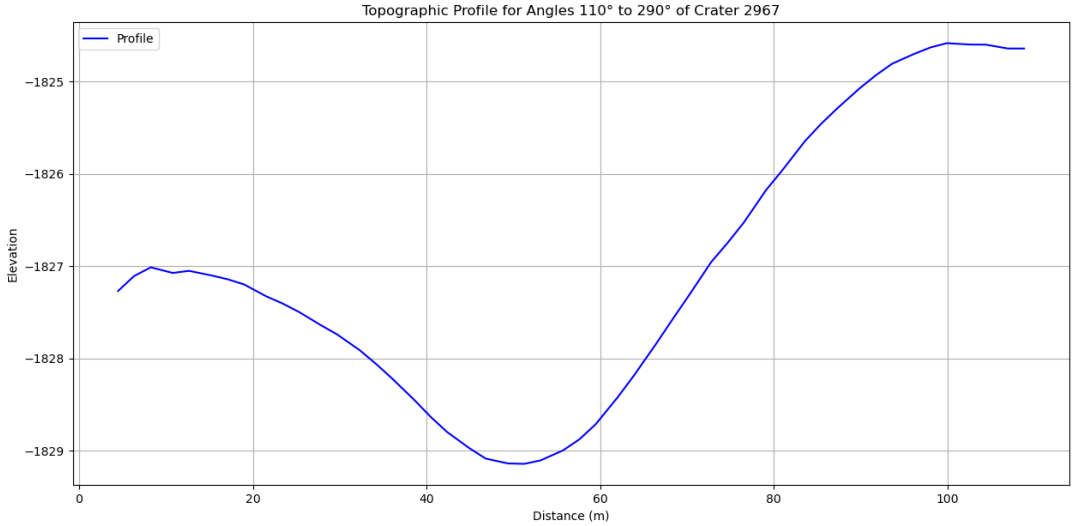

Topographic Profile for Angles 60° to 240° of Crater 2967
Profile
Elevation
−1825
−1826
−1827
−1828
−1829
20
40
60
80
100
120
Distance (m)

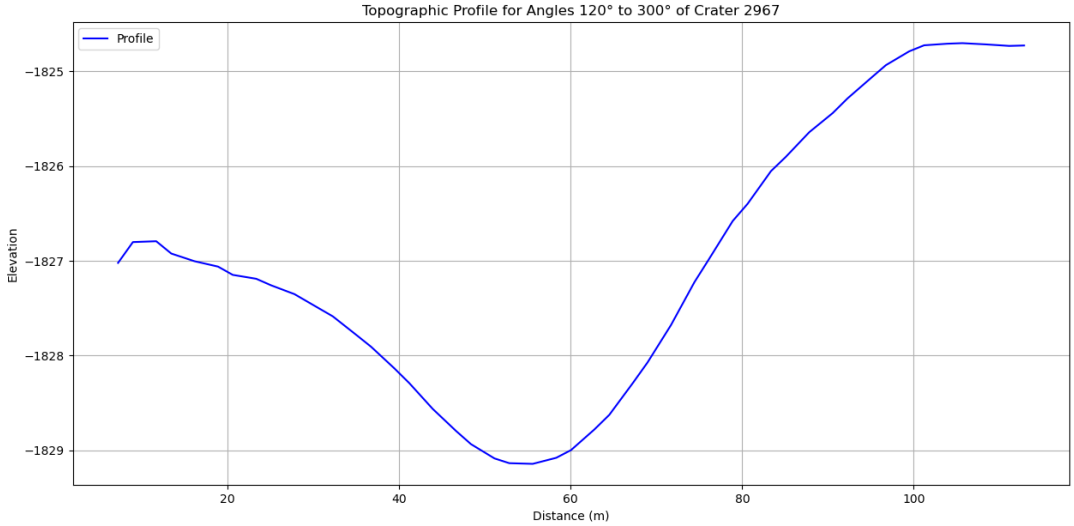

Topographic Profile for Angles 70° to 250° of Crater 2967
Profile
Elevation
−1825
−1826
−1827
−1828
−1829
0
20
40
60
80
100
Distance (m)

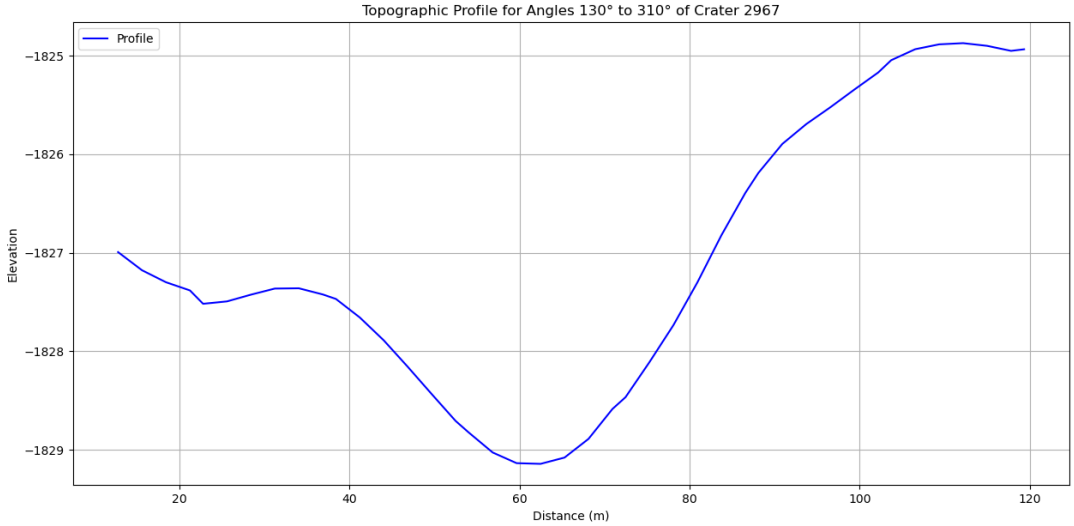

Topographic Profile for Angles 80° to 260° of Crater 2967
Profile
Elevation
−1825
−1826
−1827
−1828
−1829
0
20
40
60
80
100
Distance (m)

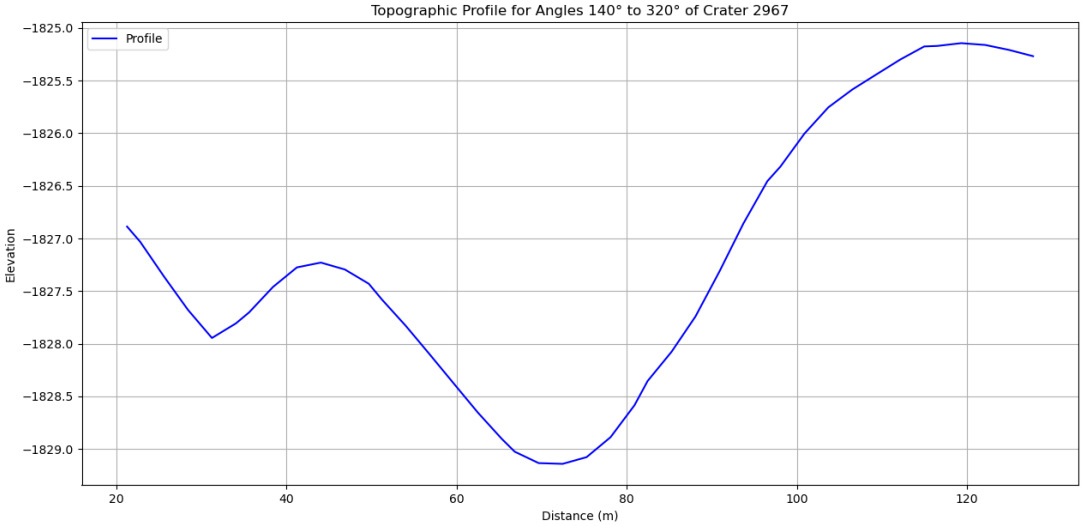

Topographic Profile for Angles 90° to 270° of Crater 2967
Profile
Elevation
−1825
−1826
−1827
−1828
−1829
0
20
40
60
80
100
Distance (m)

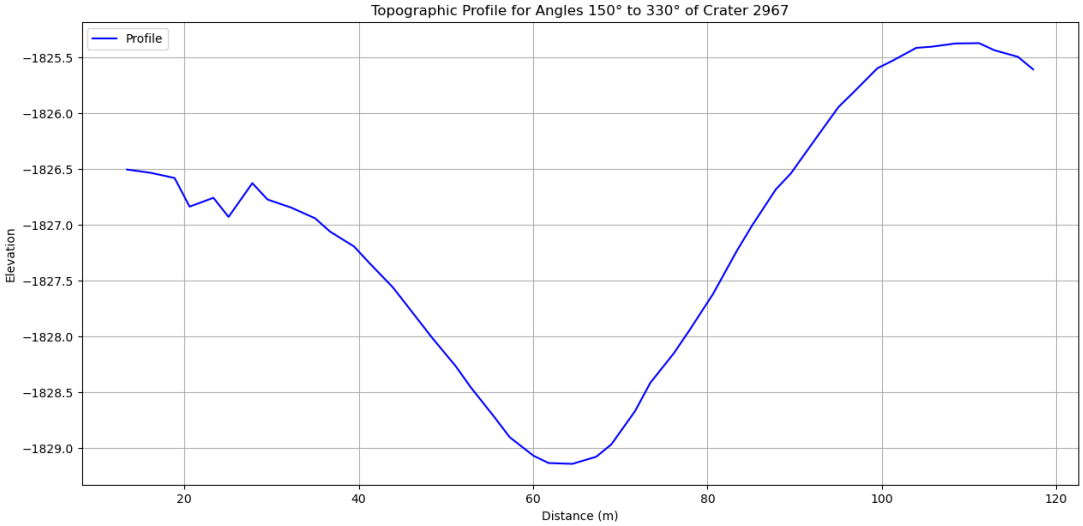

Topographic Profile for Angles 100° to 280° of Crater 2967
Profile
Elevation
−1825
−1826
−1827
−1828
−1829
0
20
40
60
80
100
Distance (m)

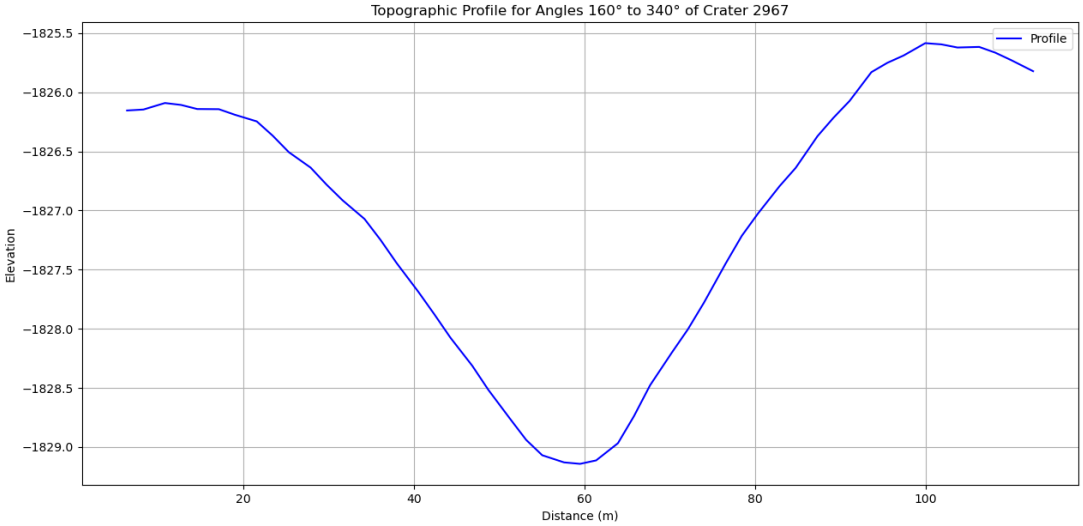

Topographic Profile for Angles 110° to 290° of Crater 2967
Profile
Elevation
−1825
−1826
−1827
−1828
−1829
0
20
40
60
80
100
Distance (m)

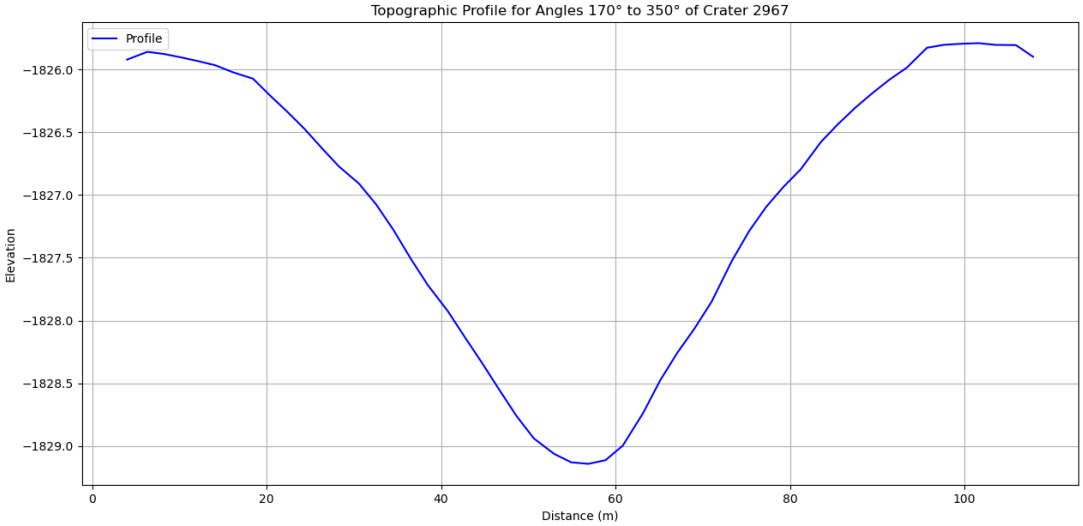

Topographic Profile for Angles 120° to 300° of Crater 2967
Profile
Elevation
−1825
−1826
−1827
−1828
−1829
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 2967
Profile
Elevation
−1825
−1826
−1827
−1828
−1829
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2967
Profile
Elevation
−1825.0
−1825.5
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2967
Profile
Elevation
Distance (m)
−1825.5
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
20
40
60
80
100
120


Topographic Profile for Angles 160° to 340° of Crater 2967
Profile
Elevation
Distance (m)
−1825.5
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
20
40
60
80
100


Topographic Profile for Angles 170° to 350° of Crater 2967
Profile
Elevation
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
0
20
40
60
80
100
Distance (m)