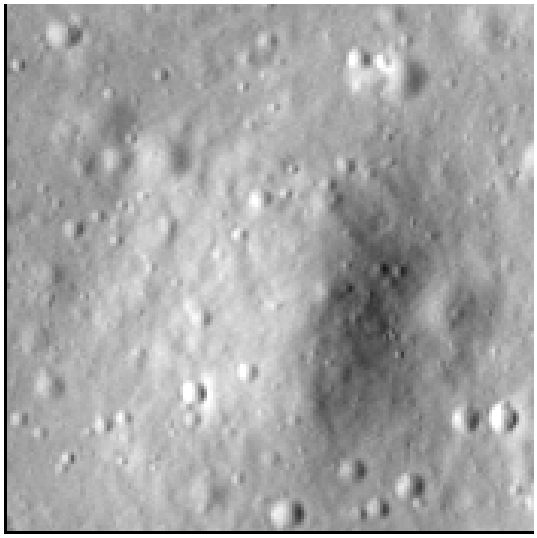
Crater report 2025 of RG2

General information



ID : 2025

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 87m ± 4.0m

Mean depht : 4.7m ± 0.2m

d/D ratio : 0.054 ± 0.004

Circularity index : 0.92

Mean slope : 6.87°

Mean value of TRI on the rim crest : 0.34

Geometric center coordinates : (3656340.400868346, 219184.15897436577)

Coordinates of the crater's lowest point : (3656343.0000011004, 219181.00000006464)

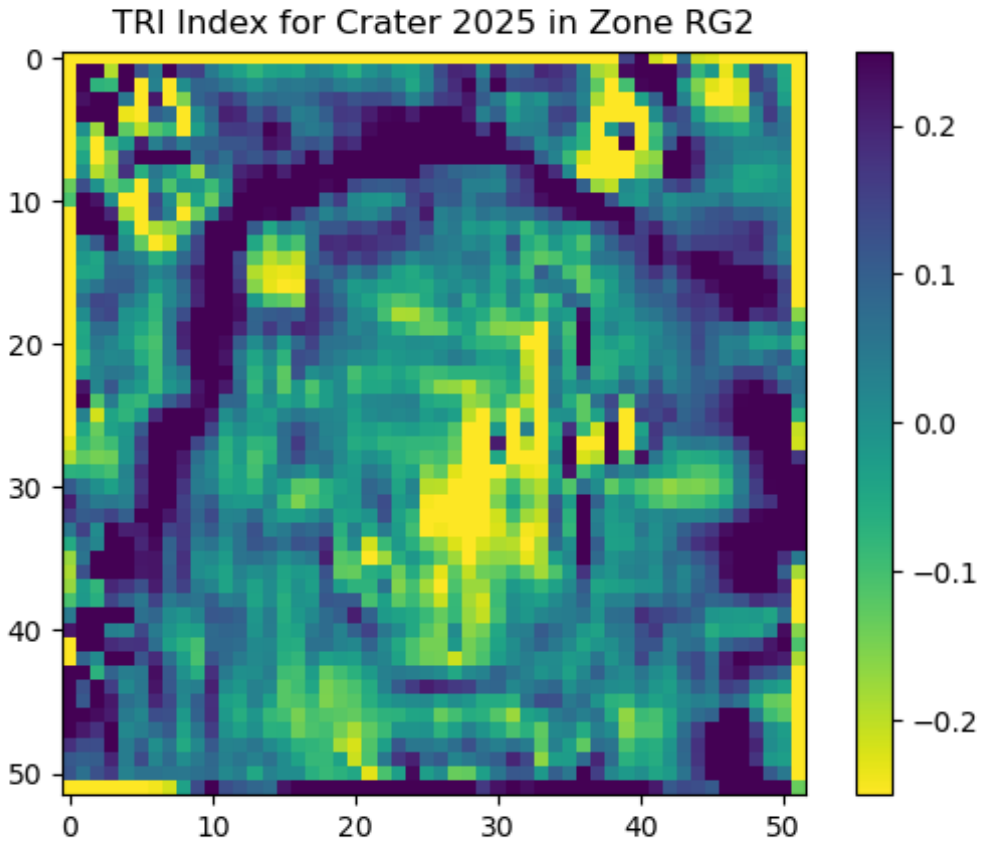
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	6.63	0.57
10°	6.18	0.54
20°	5.94	0.52
30°	6.13	0.47
40°	6.77	0.43
50°	7.38	0.43
60°	8.03	0.49
70°	8.58	0.51
80°	8.51	0.55
90°	8.44	0.57
100°	8.5	0.55
110°	8.28	0.51

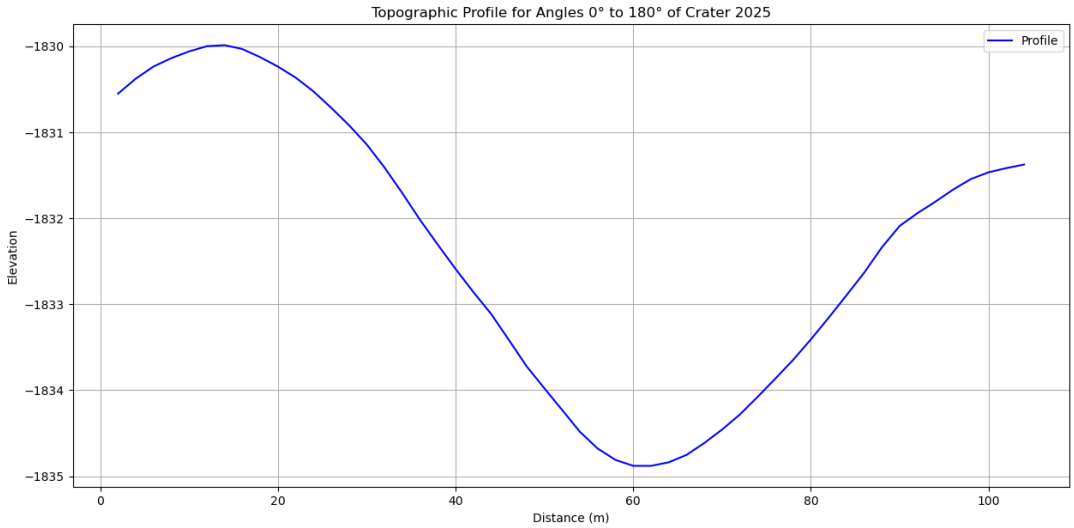
120°	8.2	0.48
130°	8.1	0.44
140°	7.56	0.42
150°	6.42	0.48
160°	6.13	0.51
170°	5.7	0.55
180°	5.68	0.57
190°	5.2	0.55
200°	4.98	0.51
210°	5.17	0.48
220°	5.31	0.43
230°	6.03	0.43
240°	6.34	0.48
250°	6.72	0.51
260°	7.31	0.54
270°	7.55	0.57
280°	7.19	0.54
290°	7.29	0.51
300°	7.26	0.48
310°	7.52	0.44
320°	7.22	0.44
330°	6.55	0.47
340°	6.22	0.52
350°	6.42	0.54

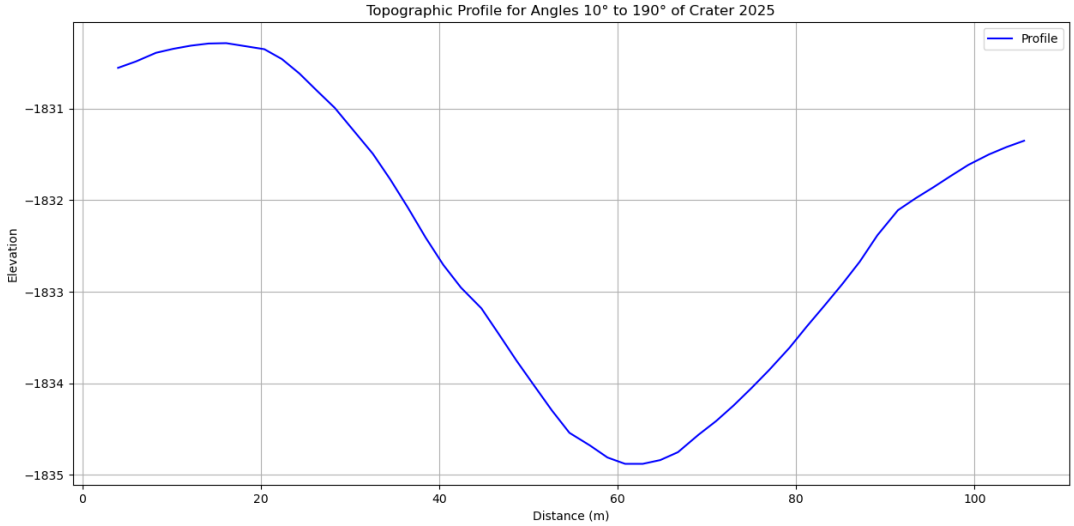
Topographic roughness index (TRI)

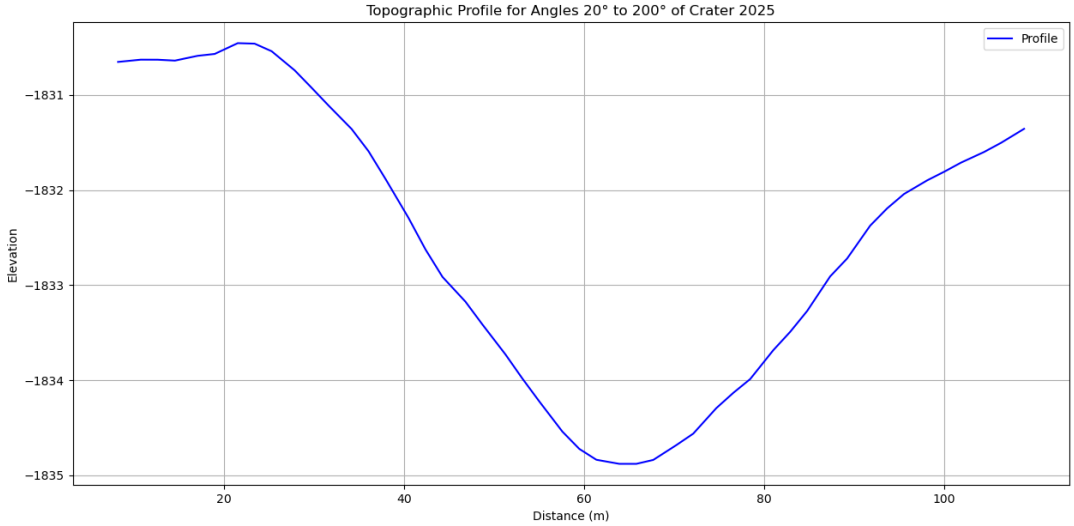
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

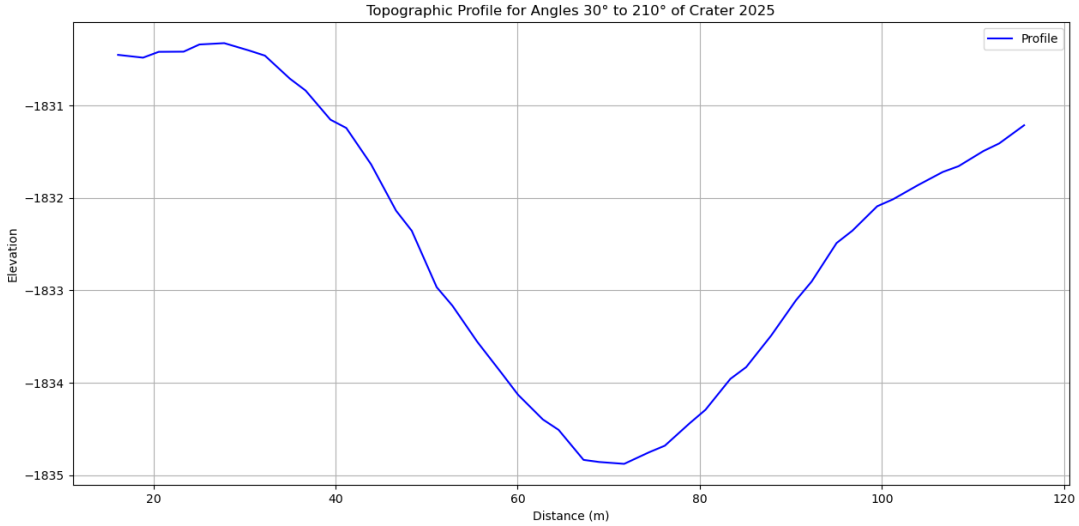


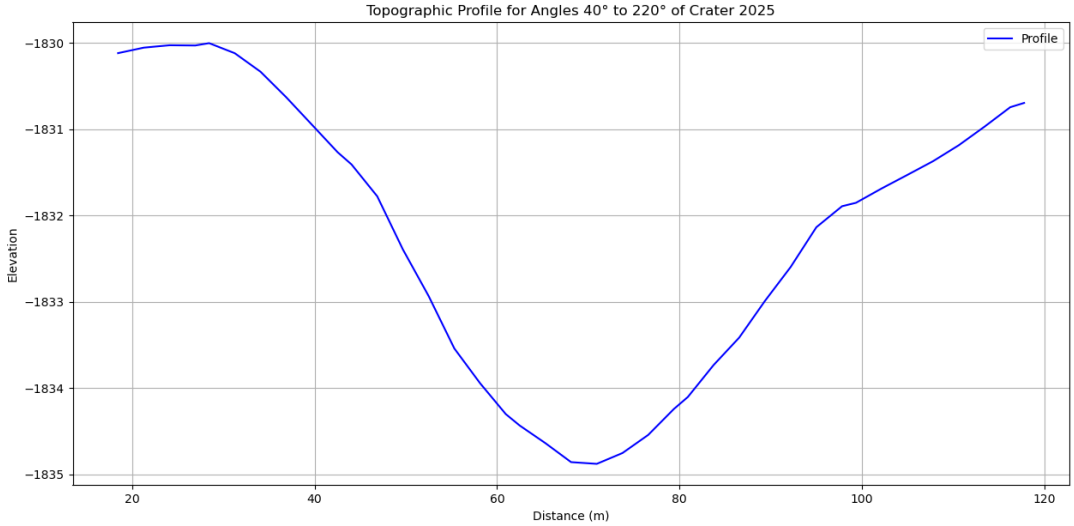
Topographic profiles

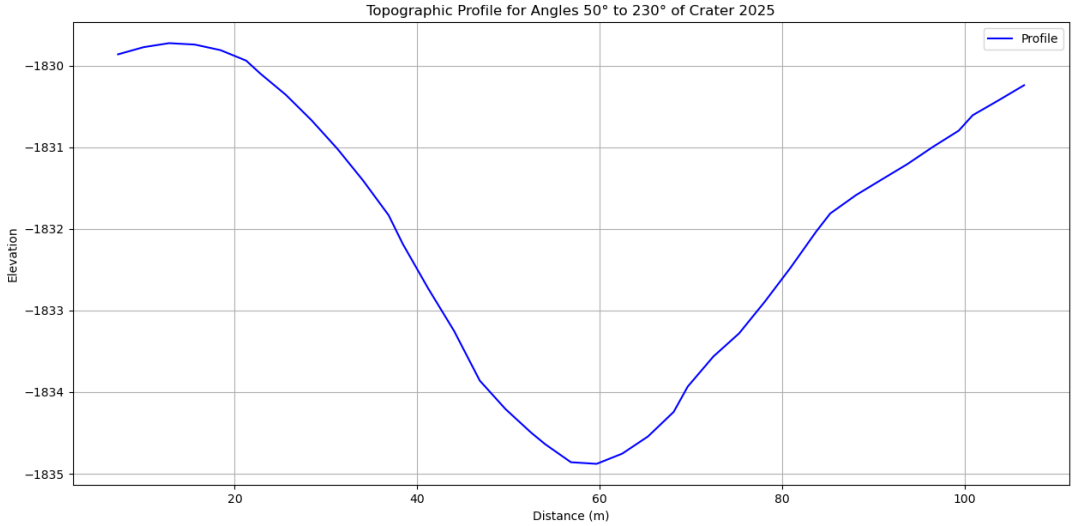


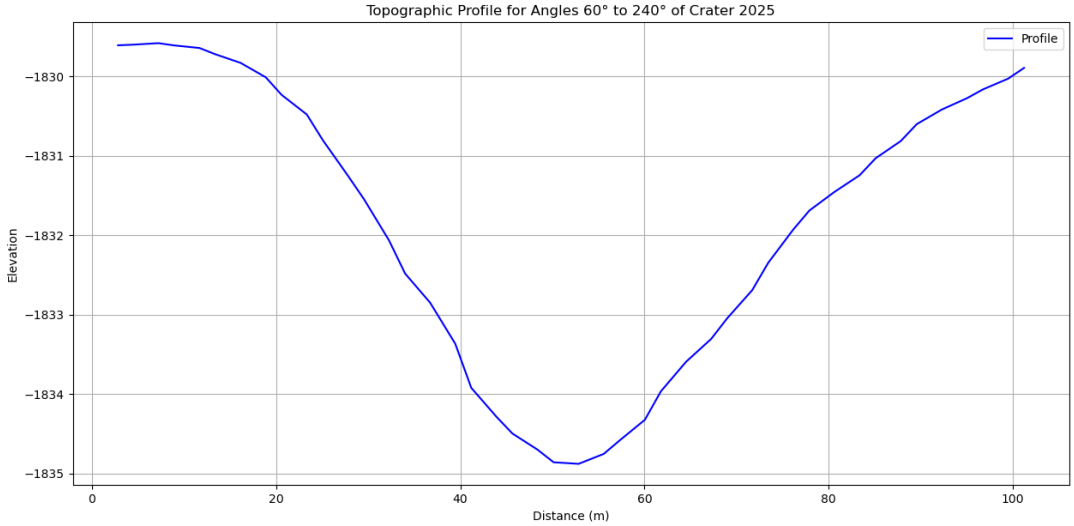

Topographic Profile for Angles 10° to 190° of Crater 2025
Profile
Elevation
−1831
−1832
−1833
−1834
−1835
0
20
40
60
80
100
Distance (m)

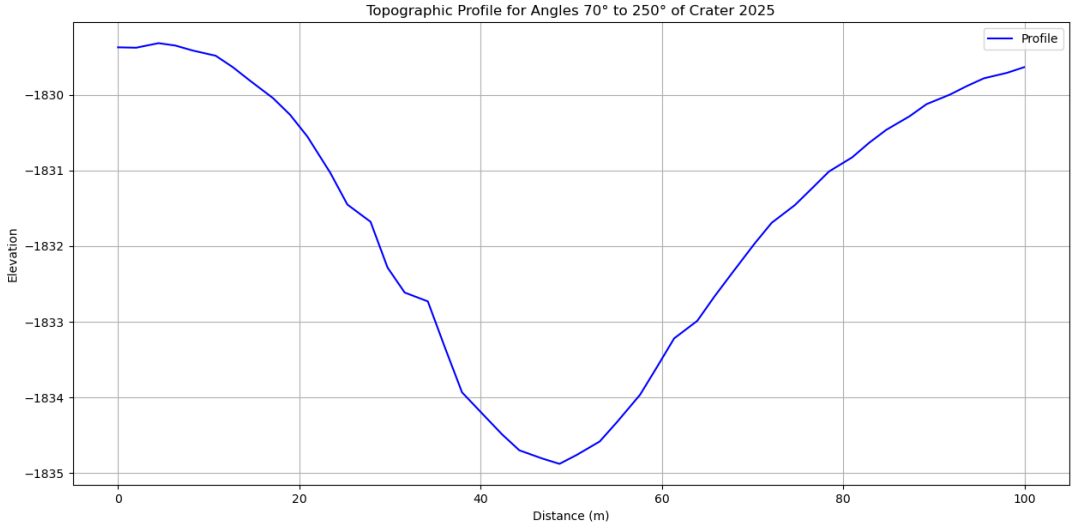

Topographic Profile for Angles 20° to 200° of Crater 2025
Profile
Elevation
−1831
−1832
−1833
−1834
−1835
20
40
60
80
100
Distance (m)

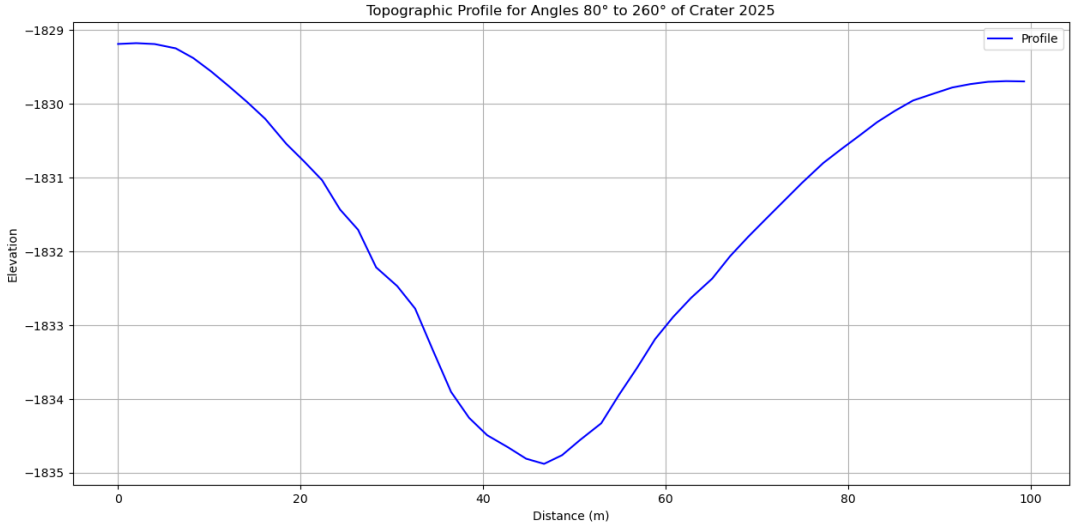

Topographic Profile for Angles 30° to 210° of Crater 2025
Profile
Elevation
Distance (m)
−1831
−1832
−1833
−1834
−1835
20
40
60
80
100
120

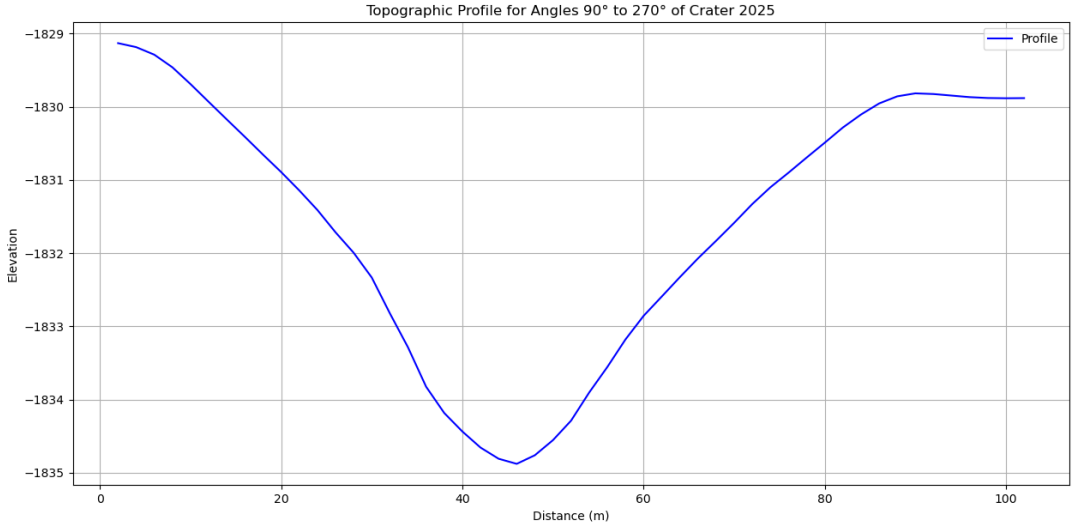

Topographic Profile for Angles 40° to 220° of Crater 2025
Profile
Elevation
Distance (m)
−1830
−1831
−1832
−1833
−1834
−1835
20
40
60
80
100
120

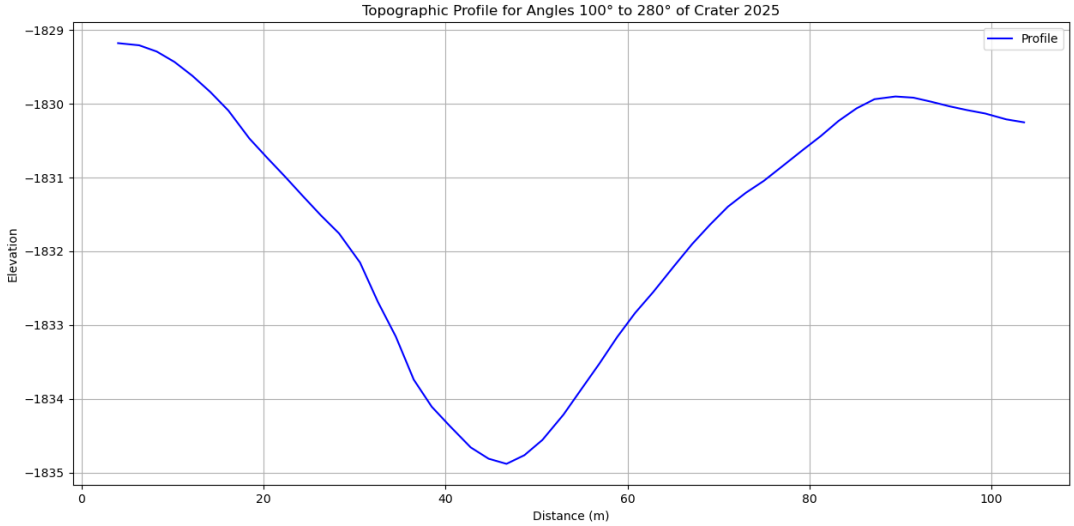

Topographic Profile for Angles 50° to 230° of Crater 2025
Profile
Elevation
−1830
−1831
−1832
−1833
−1834
−1835
20
40
60
80
100
Distance (m)

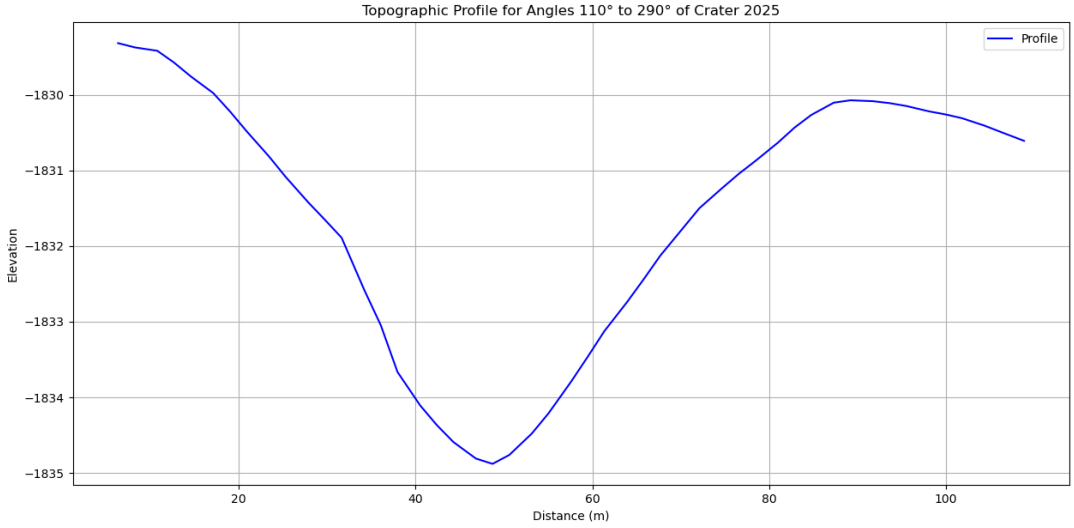

Topographic Profile for Angles 60° to 240° of Crater 2025
Profile
Elevation
−1830
−1831
−1832
−1833
−1834
−1835
0
20
40
60
80
100
Distance (m)

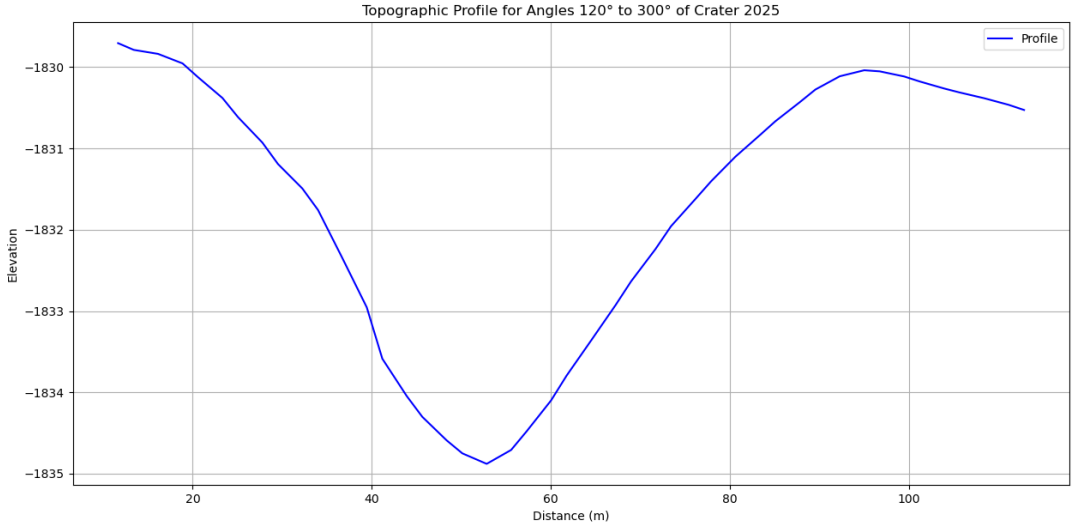

Topographic Profile for Angles 70° to 250° of Crater 2025
Profile
Elevation
Distance (m)
−1830
−1831
−1832
−1833
−1834
−1835
0
20
40
60
80
100

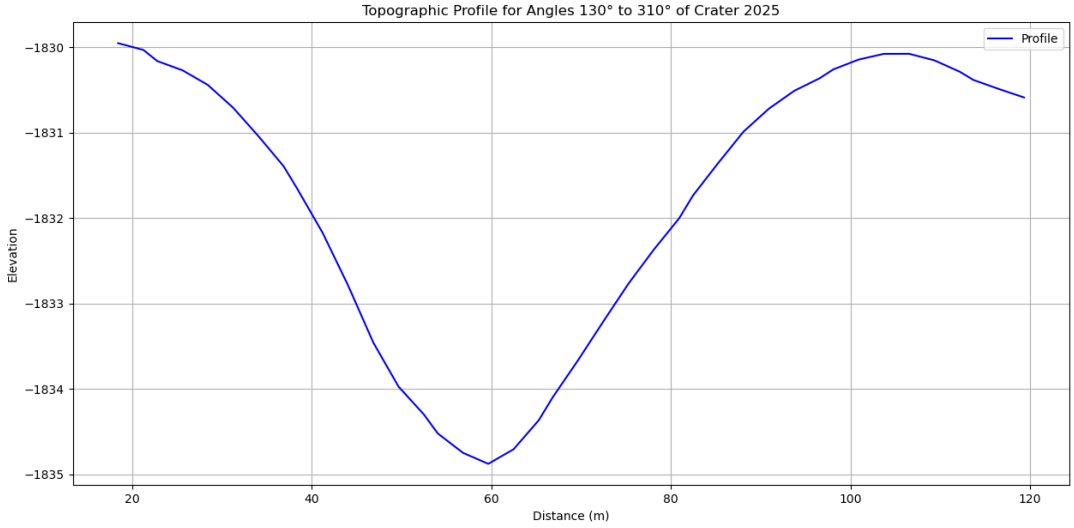

Topographic Profile for Angles 80° to 260° of Crater 2025
Profile
Elevation
Distance (m)
−1829
−1830
−1831
−1832
−1833
−1834
−1835
0
20
40
60
80
100

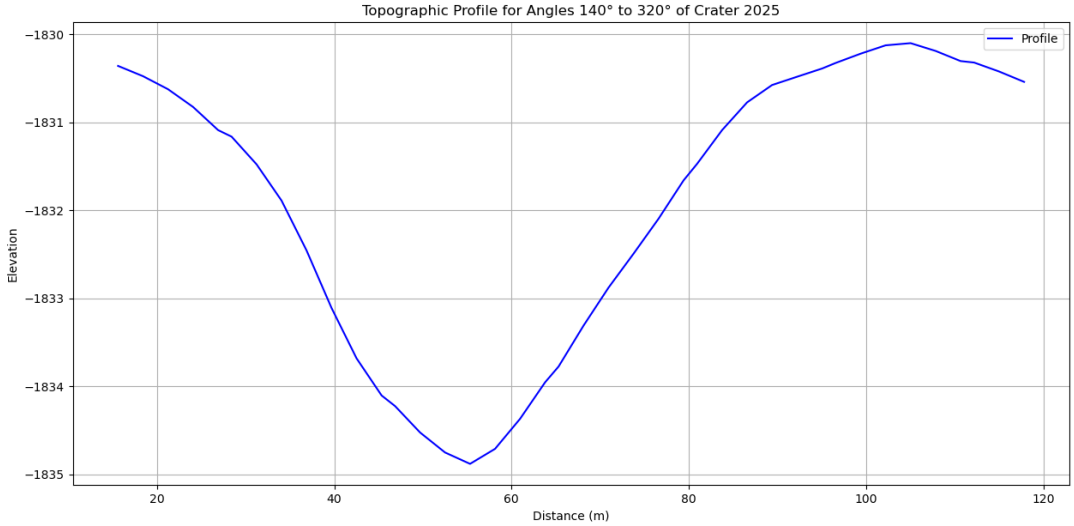

Topographic Profile for Angles 90° to 270° of Crater 2025
Profile
Elevation
Distance (m)
−1829
−1830
−1831
−1832
−1833
−1834
−1835
0
20
40
60
80
100

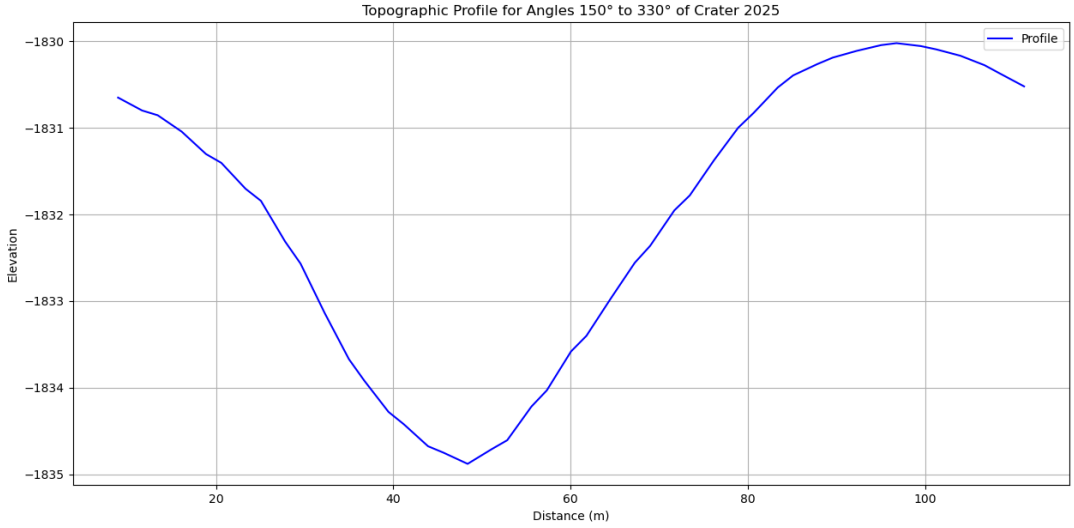

Topographic Profile for Angles 100° to 280° of Crater 2025
Profile
Elevation
Distance (m)
−1829
−1830
−1831
−1832
−1833
−1834
−1835
0
20
40
60
80
100

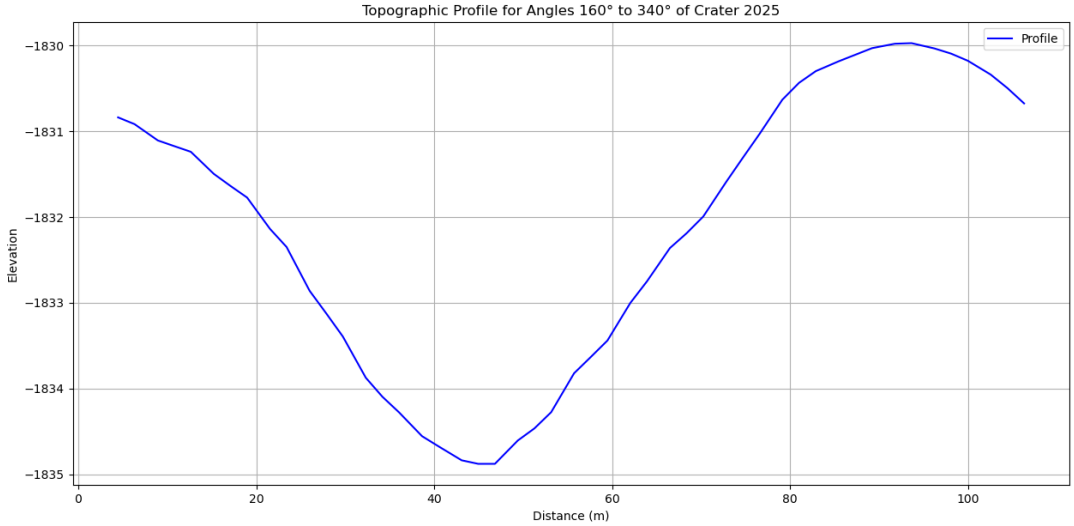

Topographic Profile for Angles 110° to 290° of Crater 2025
Profile
Elevation
−1830
−1831
−1832
−1833
−1834
−1835
20
40
60
80
100
Distance (m)

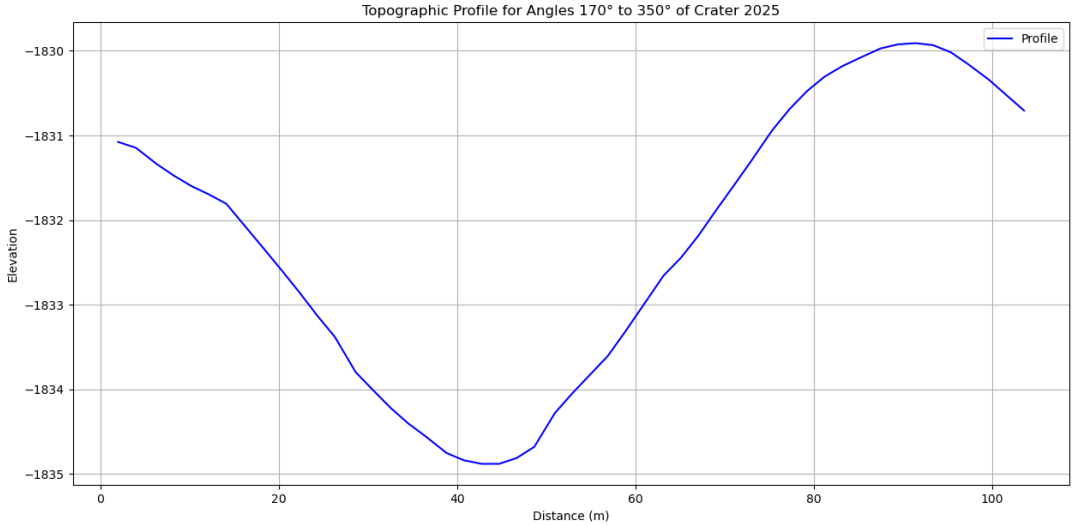

Topographic Profile for Angles 120° to 300° of Crater 2025
Profile
Elevation
−1830
−1831
−1832
−1833
−1834
−1835
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 2025
Profile
Elevation
−1830
−1831
−1832
−1833
−1834
−1835
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2025
Profile
Elevation
−1830
−1831
−1832
−1833
−1834
−1835
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2025
Profile
Elevation
−1830
−1831
−1832
−1833
−1834
−1835
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 2025
Profile
Elevation
−1830
−1831
−1832
−1833
−1834
−1835
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 2025
Profile
Elevation
−1830
−1831
−1832
−1833
−1834
−1835
0
20
40
60
80
100
Distance (m)