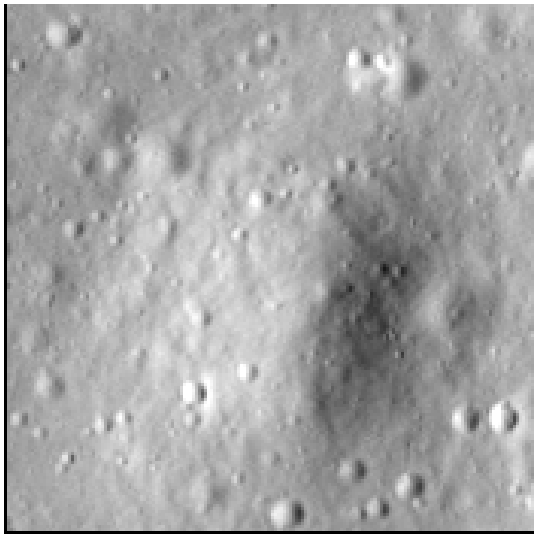
Crater report 2025 of RG2

General information



ID : 2025

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 87m ± 4.0m

Mean depht : 4.7m ± 0.2m

d/D ratio : 0.054 ± 0.004

Circularity index : 0.92

Slope : Between 5.72° et 11.02°

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)

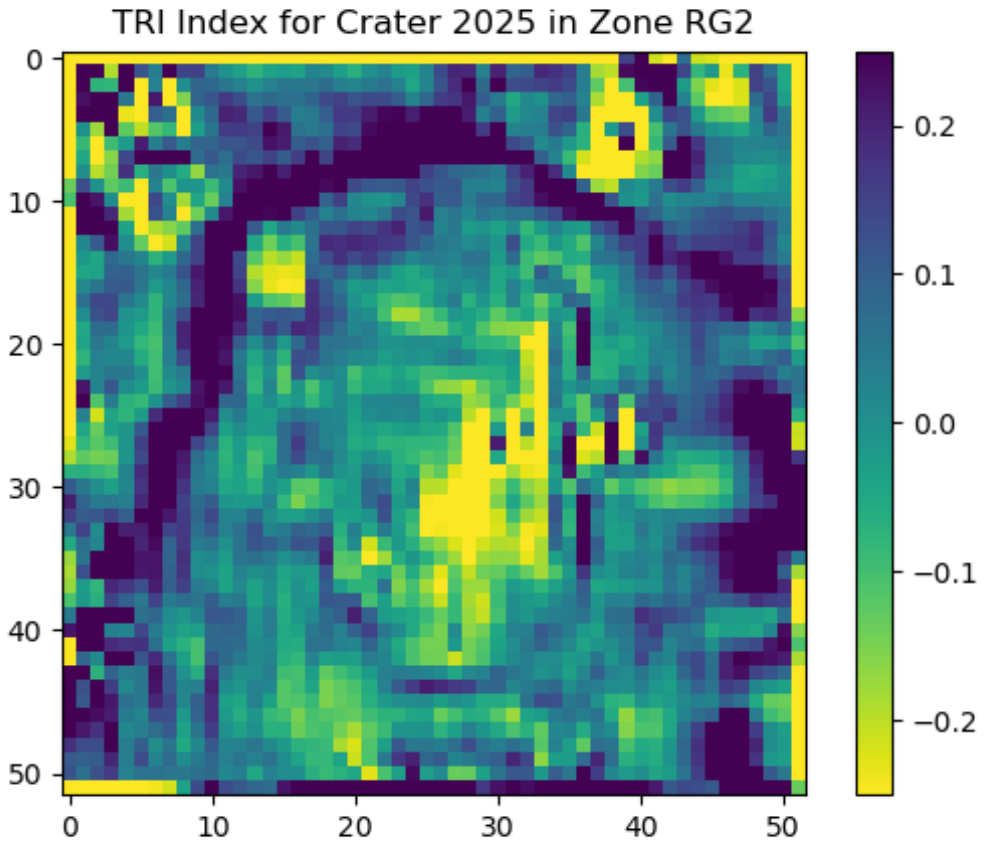
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	7.92	0.57
10°	7.56	0.54
20°	7.39	0.52
30°	8.15	0.46
40°	8.75	0.43
50°	9.55	0.43
60°	10.25	0.49
70°	11.02	0.51
80°	10.31	0.55
90°	9.66	0.57
100°	9.88	0.55
110°	9.82	0.51

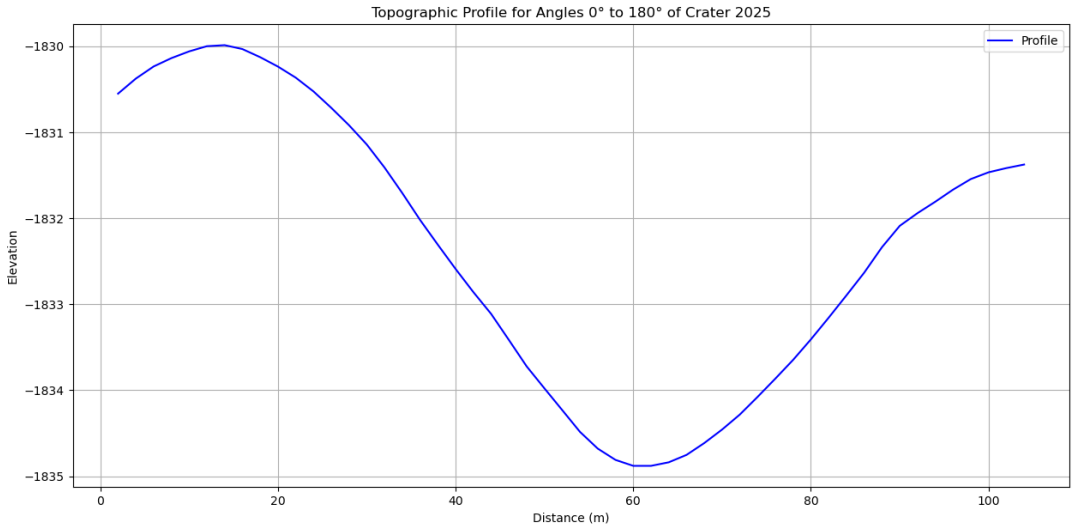
120°	9.76	0.47
130°	10.16	0.43
140°	9.82	0.4
150°	7.98	0.48
160°	7.83	0.5
170°	7.1	0.55
180°	6.95	0.57
190°	6.37	0.55
200°	5.72	0.52
210°	6.04	0.47
220°	5.8	0.42
230°	6.31	0.42
240°	6.57	0.47
250°	7.17	0.52
260°	7.72	0.54
270°	7.77	0.57
280°	7.44	0.54
290°	7.75	0.52
300°	7.59	0.47
310°	8.1	0.42
320°	7.59	0.45
330°	7.29	0.46
340°	6.93	0.52
350°	7.61	0.54

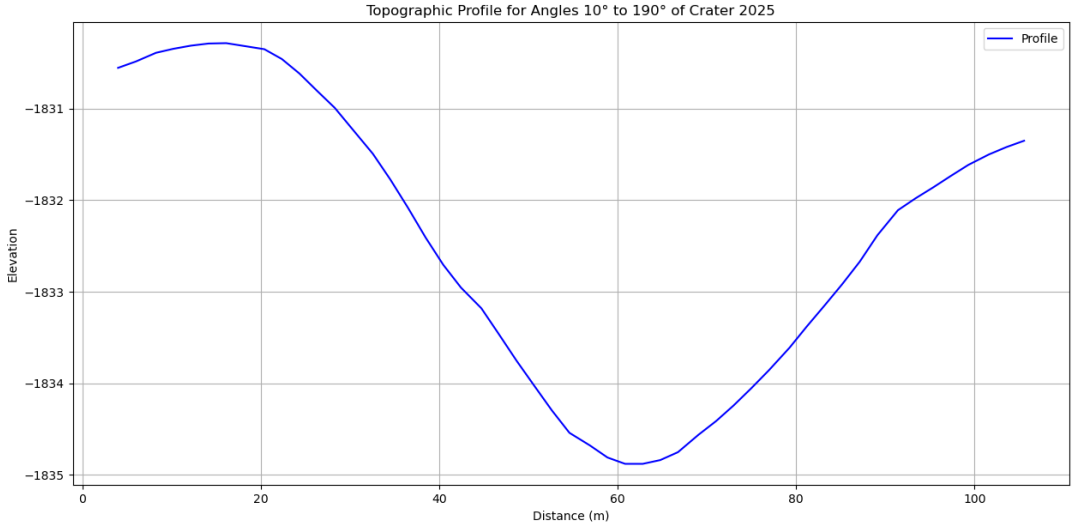
Topographic roughness index (TRI)

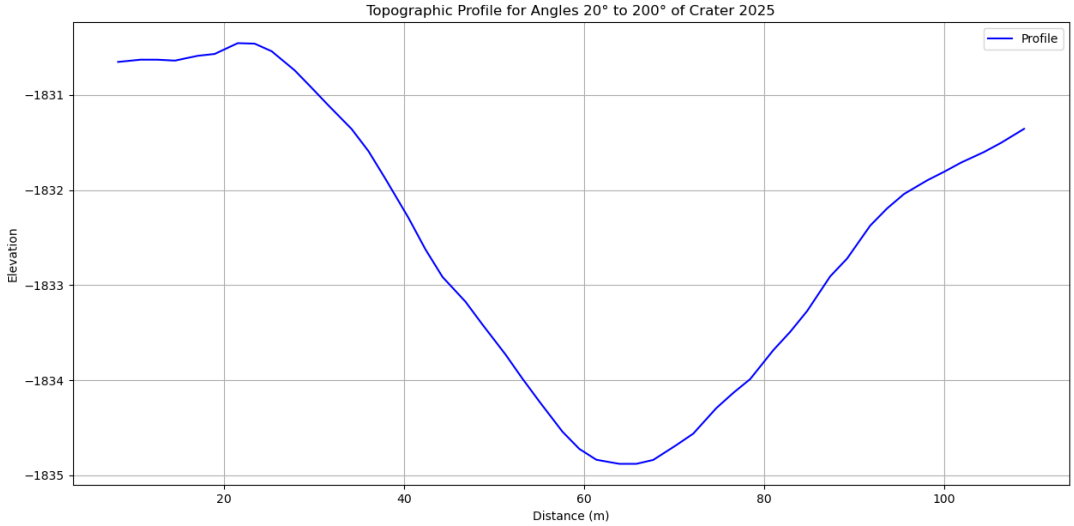
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

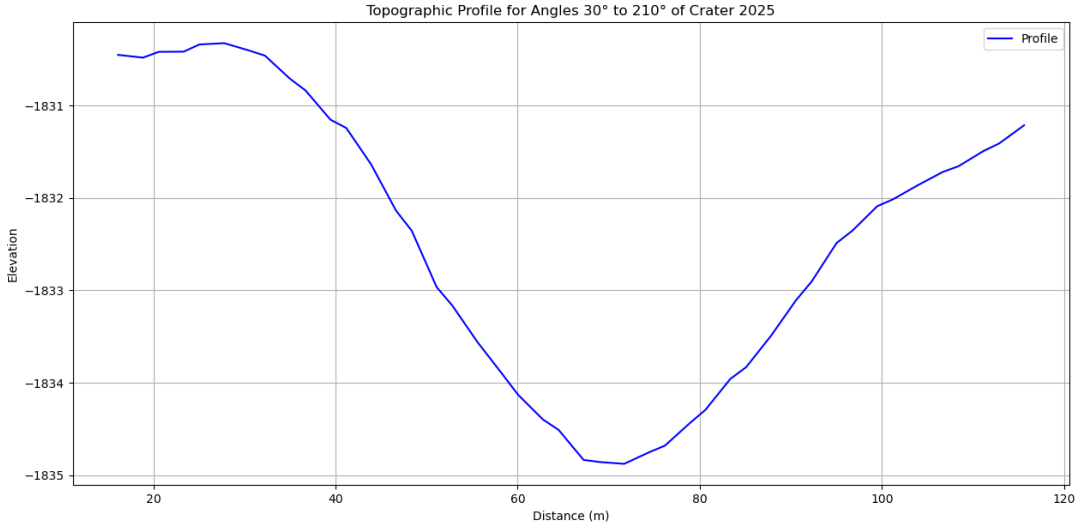


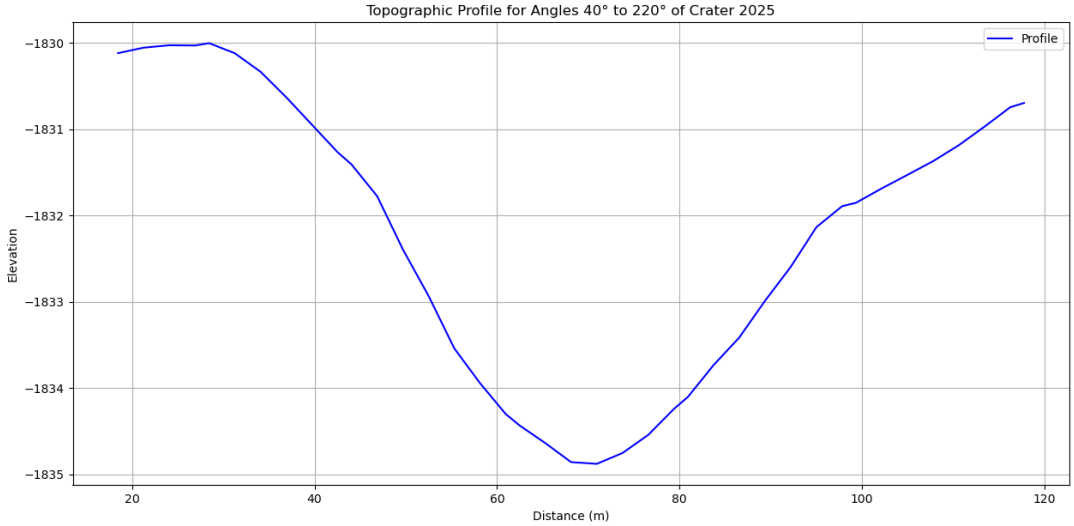
Topographic profiles

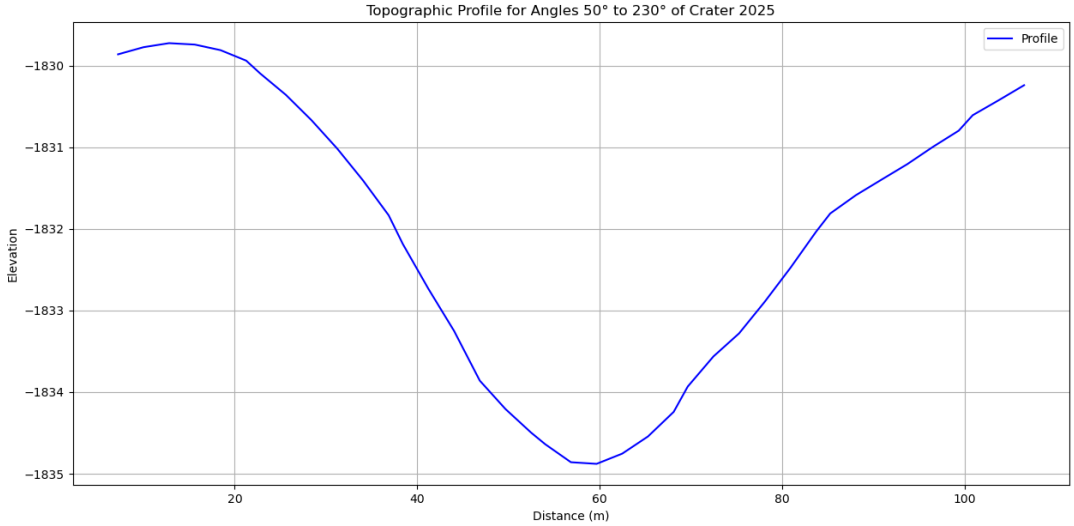


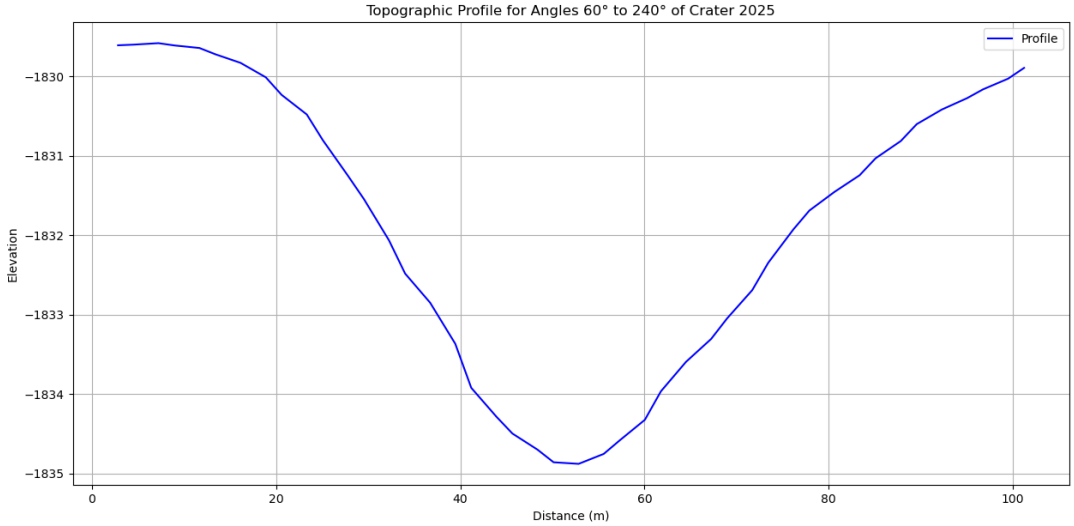

Topographic Profile for Angles 10° to 190° of Crater 2025
Profile
Elevation
−1831
−1832
−1833
−1834
−1835
0
20
40
60
80
100
Distance (m)

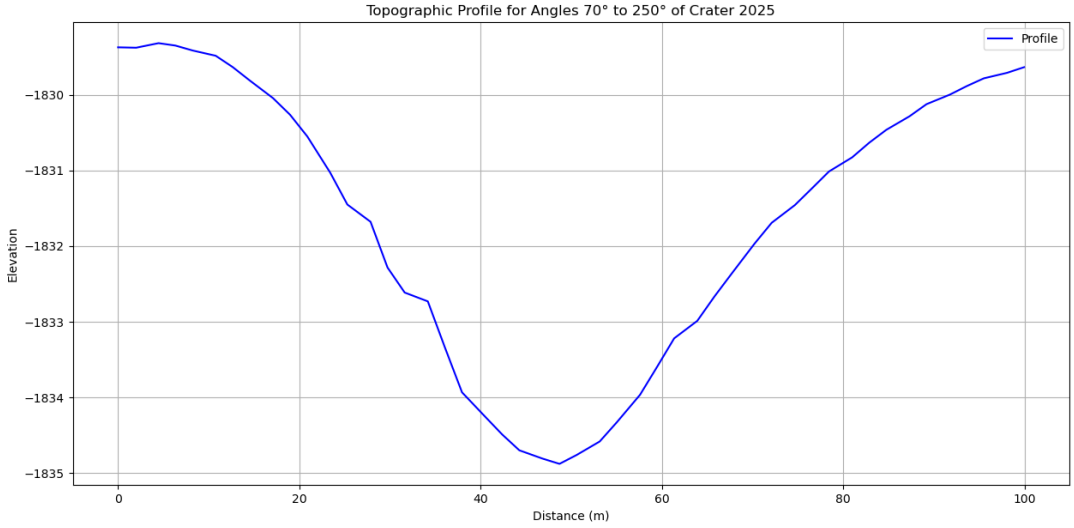

Topographic Profile for Angles 20° to 200° of Crater 2025
Profile
Elevation
−1831
−1832
−1833
−1834
−1835
20
40
60
80
100
Distance (m)

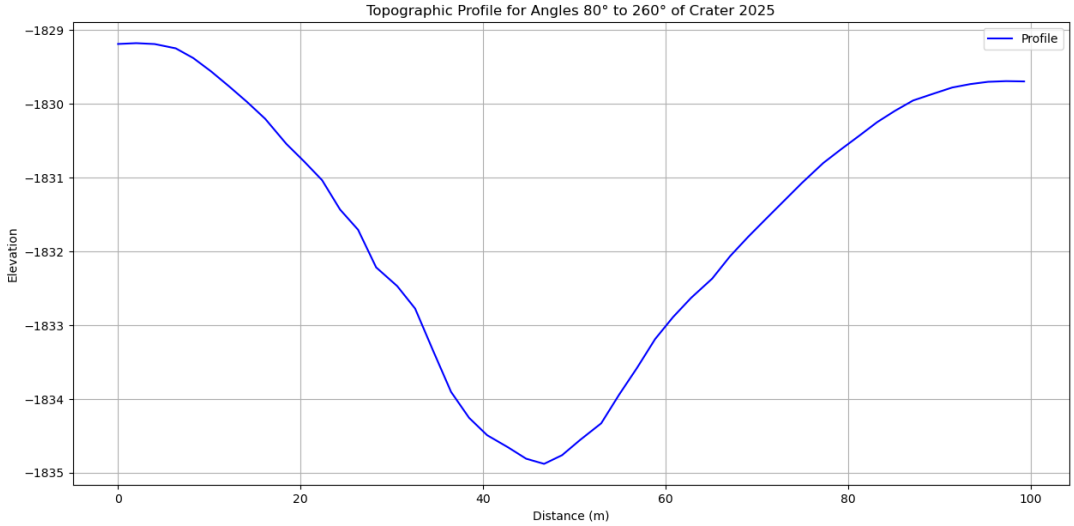

Topographic Profile for Angles 30° to 210° of Crater 2025
Profile
Elevation
−1831
−1832
−1833
−1834
−1835
20
40
60
80
100
120
Distance (m)

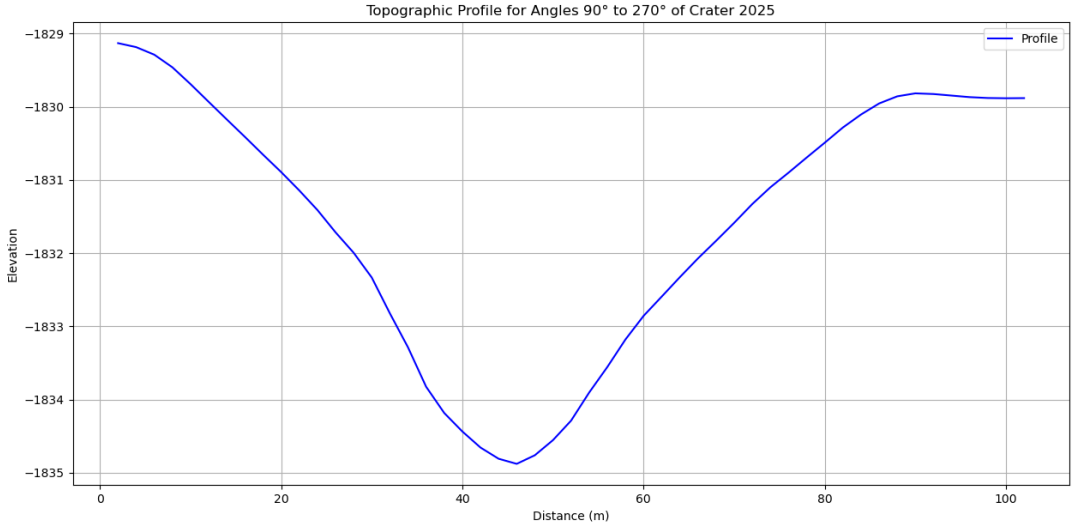

Topographic Profile for Angles 40° to 220° of Crater 2025
Profile
Elevation
−1830
−1831
−1832
−1833
−1834
−1835
20
40
60
80
100
120
Distance (m)

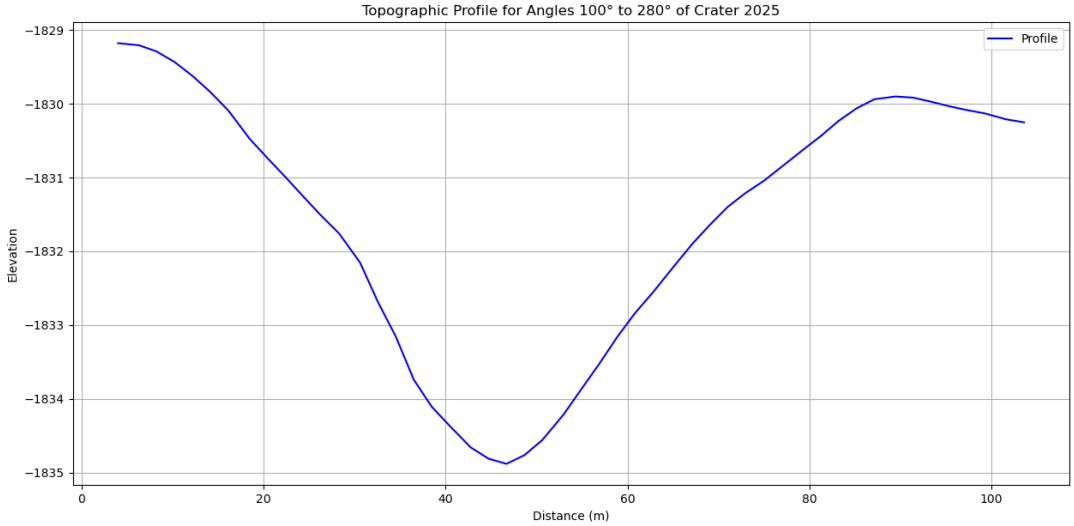

Topographic Profile for Angles 50° to 230° of Crater 2025
Profile
Elevation
−1830
−1831
−1832
−1833
−1834
−1835
20
40
60
80
100
Distance (m)

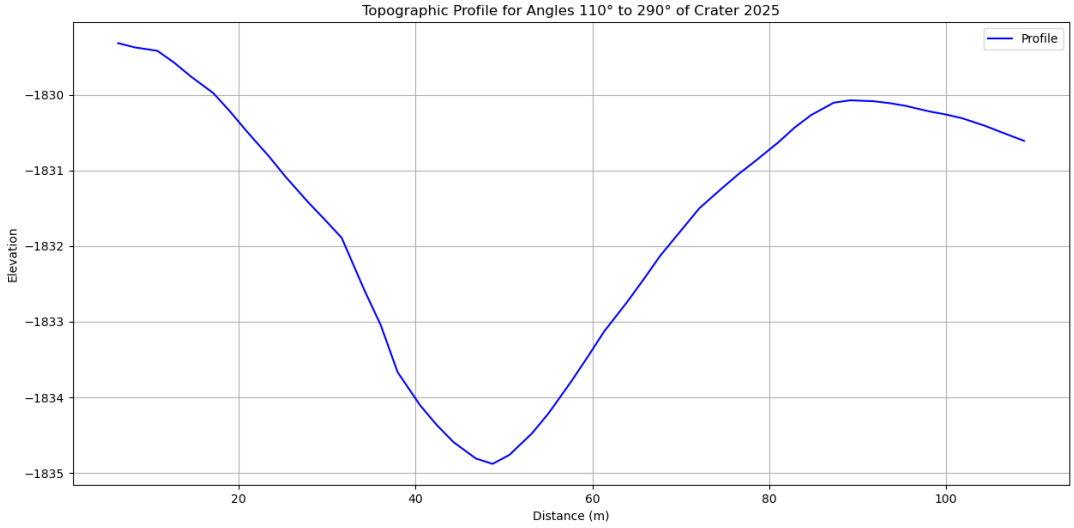

Topographic Profile for Angles 60° to 240° of Crater 2025
Profile
Elevation
−1830
−1831
−1832
−1833
−1834
−1835
0
20
40
60
80
100
Distance (m)

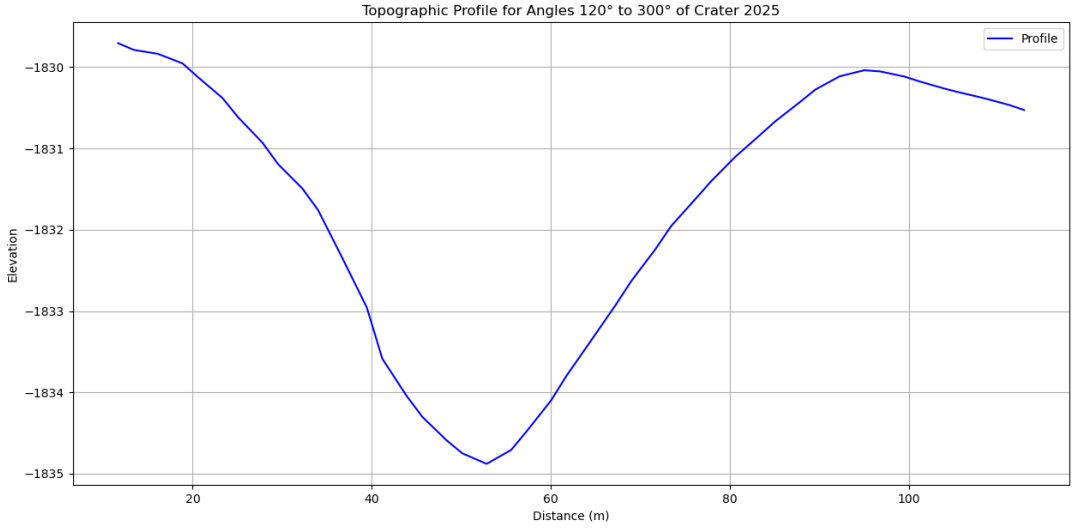

Topographic Profile for Angles 70° to 250° of Crater 2025
Profile
Elevation
−1830
−1831
−1832
−1833
−1834
−1835
0
20
40
60
80
100
Distance (m)

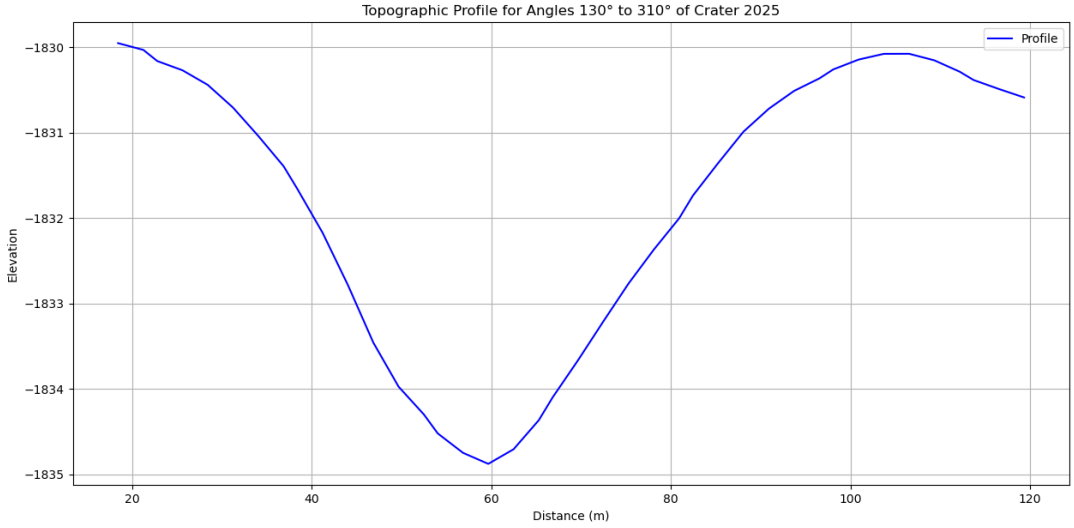

Topographic Profile for Angles 80° to 260° of Crater 2025
Profile
Elevation
−1829
−1830
−1831
−1832
−1833
−1834
−1835
0
20
40
60
80
100
Distance (m)

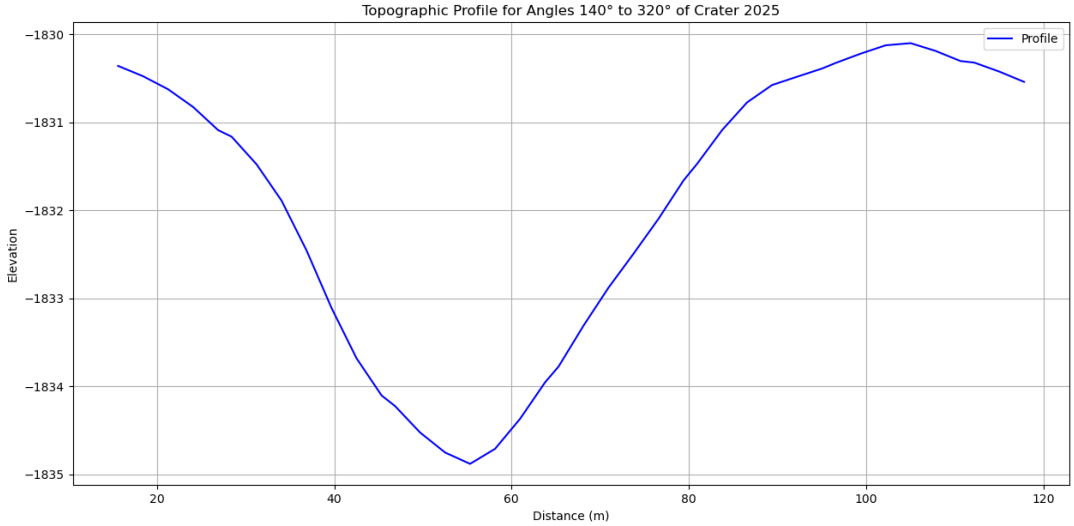

Topographic Profile for Angles 90° to 270° of Crater 2025
Profile
Elevation
Distance (m)
−1829
−1830
−1831
−1832
−1833
−1834
−1835
0
20
40
60
80
100

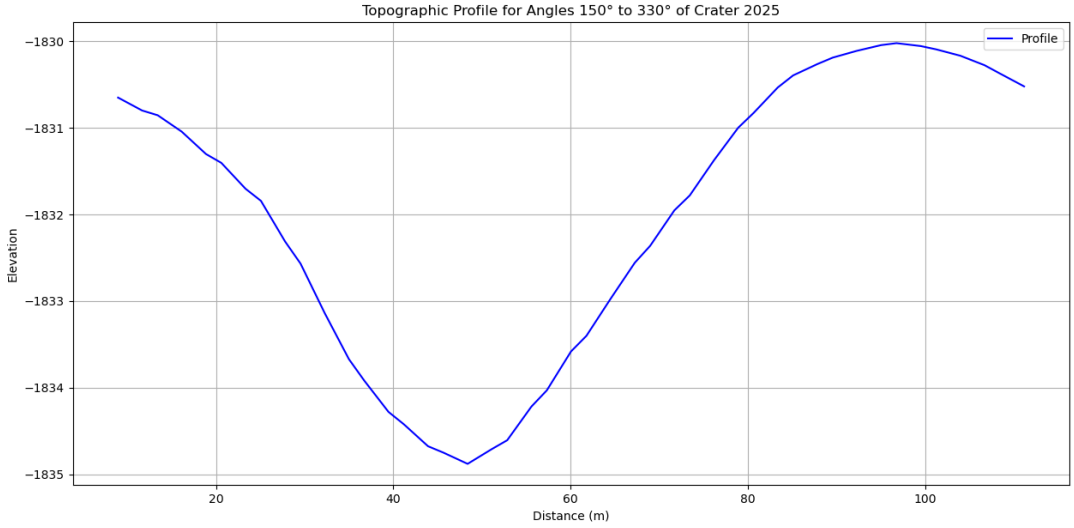

Topographic Profile for Angles 100° to 280° of Crater 2025
Profile
Elevation
Distance (m)
−1829
−1830
−1831
−1832
−1833
−1834
−1835
0
20
40
60
80
100

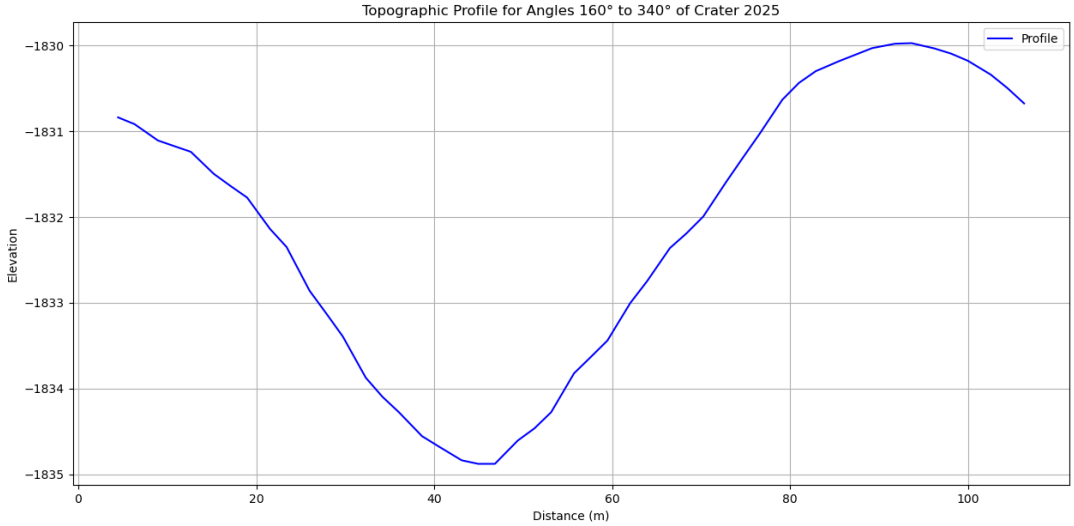

Topographic Profile for Angles 110° to 290° of Crater 2025
Profile
Elevation
−1830
−1831
−1832
−1833
−1834
−1835
20
40
60
80
100
Distance (m)

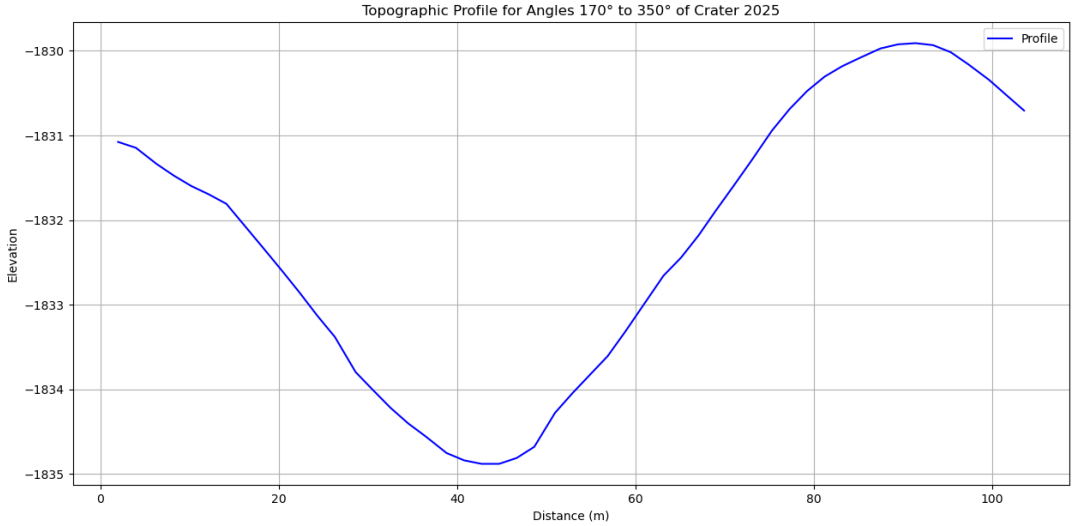

Topographic Profile for Angles 120° to 300° of Crater 2025
Profile
Elevation
−1830
−1831
−1832
−1833
−1834
−1835
20
40
60
80
100
Distance (m)


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)