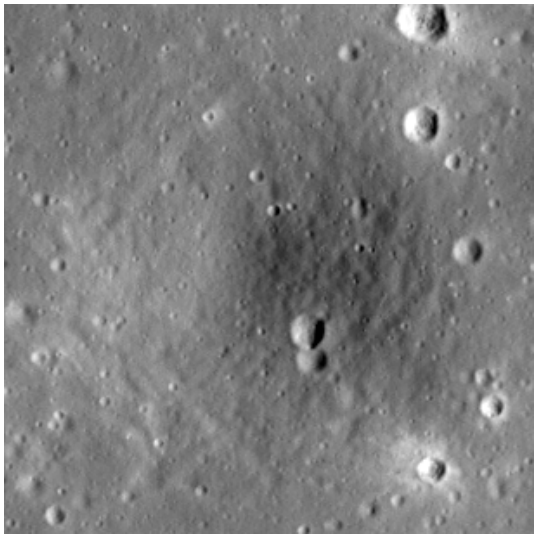
Crater report 2440 of RG2

General information



ID : 2440

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 163m ± 7.0m

Mean depht : 7.5m ± 0.4m

d/D ratio : 0.046 ± 0.003

Circularity index : 0.94

Slope : Between 4.79° et 8.21°

Mean value of TRI on the rim crest : 0.22

Geometric center coordinates : (3657121.3034162587, 218256.56077694704)

Coordinates of the crater's lowest point : (3657119.0000011004, 218265.00000006435)

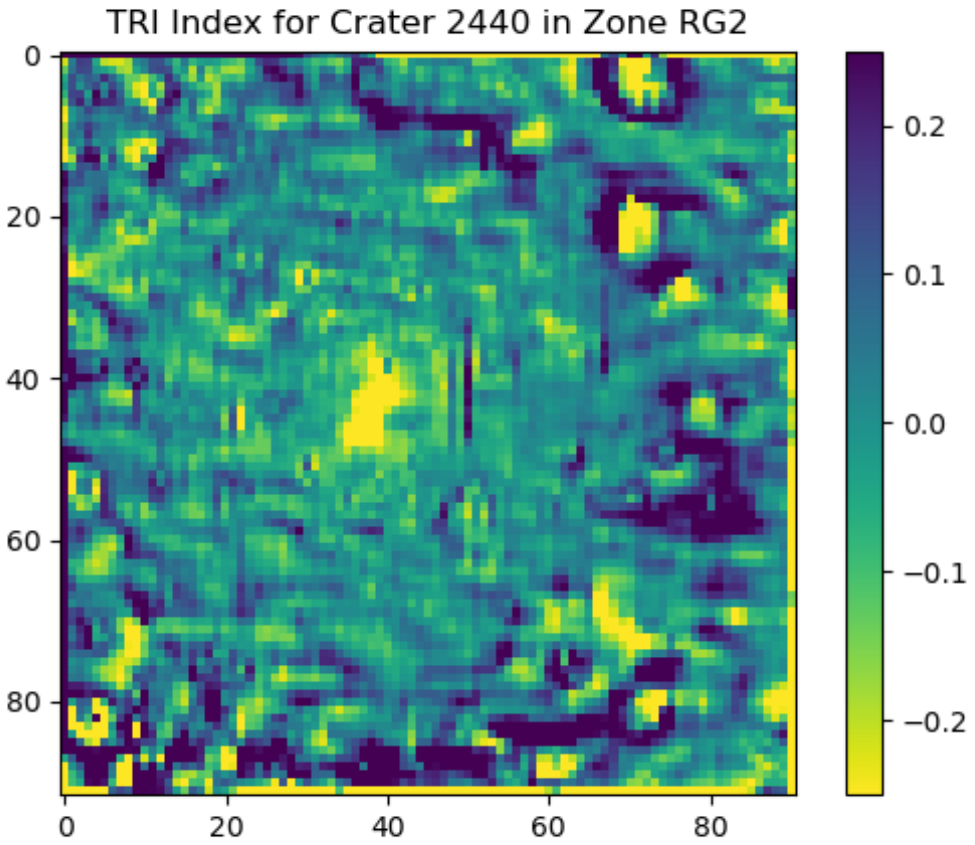
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	5.58	0.57
10°	5.18	0.53
20°	5.22	0.52
30°	5.45	0.47
40°	5.61	0.43
50°	5.8	0.43
60°	6.18	0.48
70°	6.57	0.52
80°	7.24	0.54
90°	8.21	0.57
100°	8.11	0.54
110°	7.9	0.51

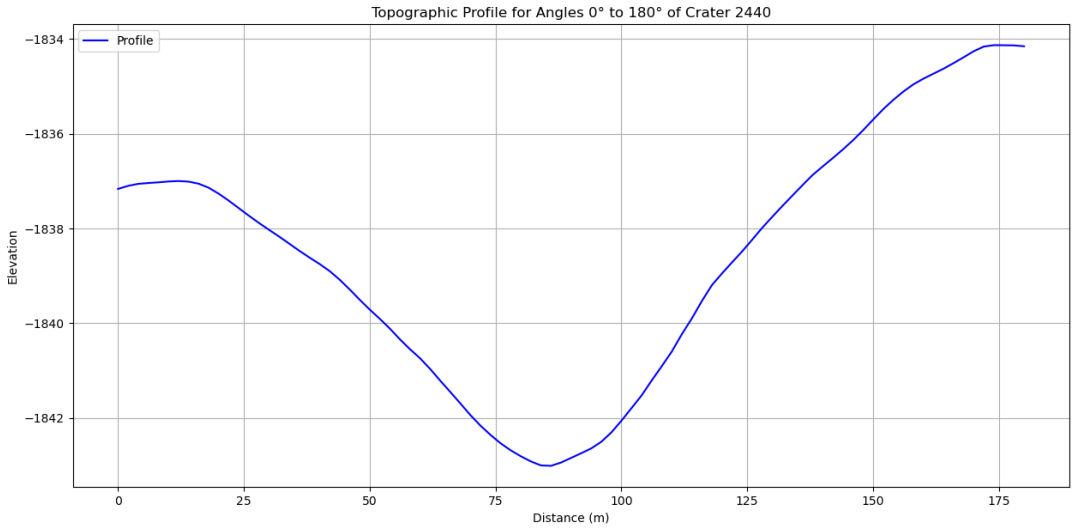
120°	7.64	0.48
130°	7.55	0.43
140°	7.28	0.43
150°	7.13	0.48
160°	6.83	0.51
170°	7.2	0.55
180°	7.16	0.57
190°	7.13	0.55
200°	6.79	0.52
210°	6.81	0.47
220°	7.04	0.44
230°	7.13	0.43
240°	6.41	0.48
250°	6.3	0.51
260°	6.17	0.55
270°	6.02	0.57
280°	5.23	0.54
290°	4.89	0.51
300°	4.79	0.48
310°	5.39	0.43
320°	5.56	0.44
330°	5.7	0.48
340°	5.64	0.51
350°	5.53	0.55

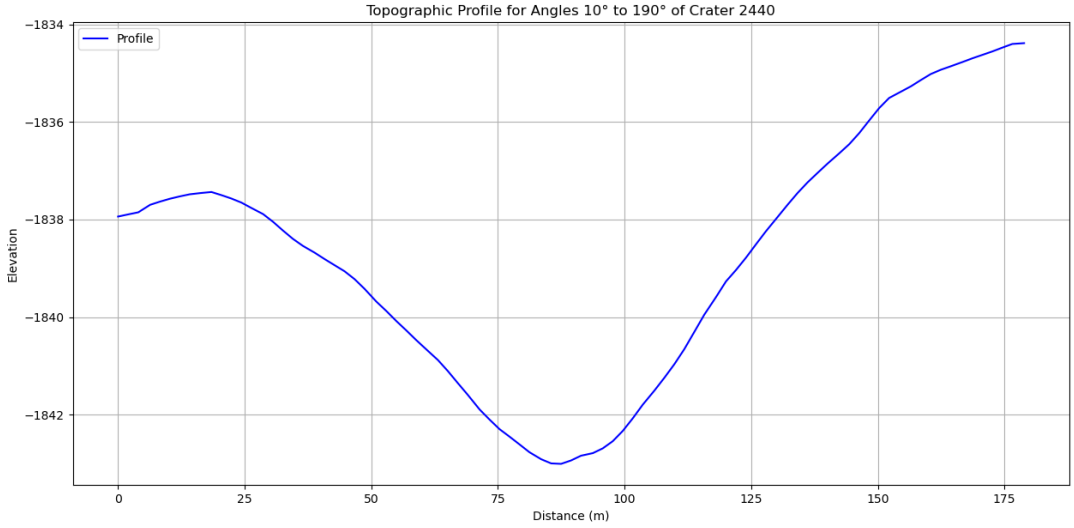
Topographic roughness index (TRI)

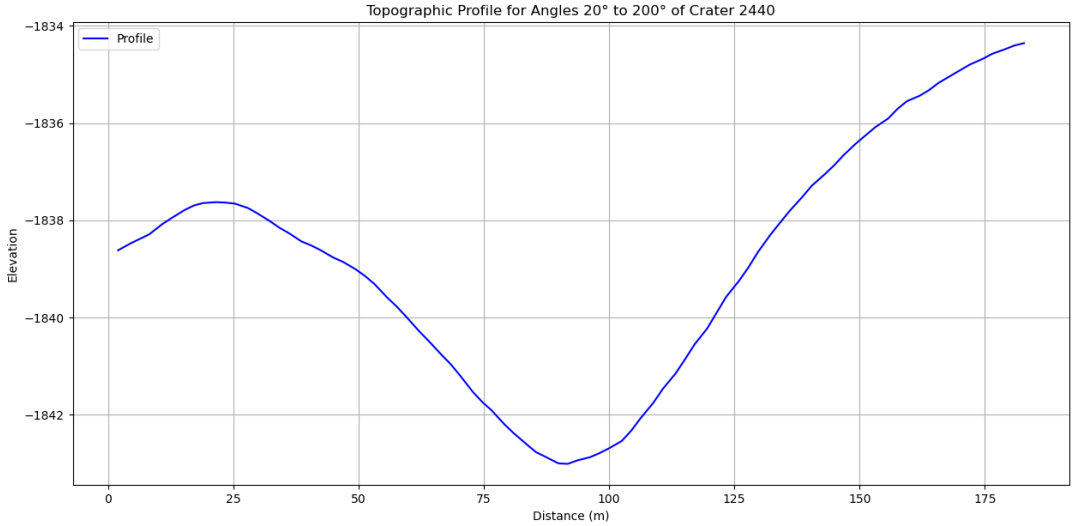
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

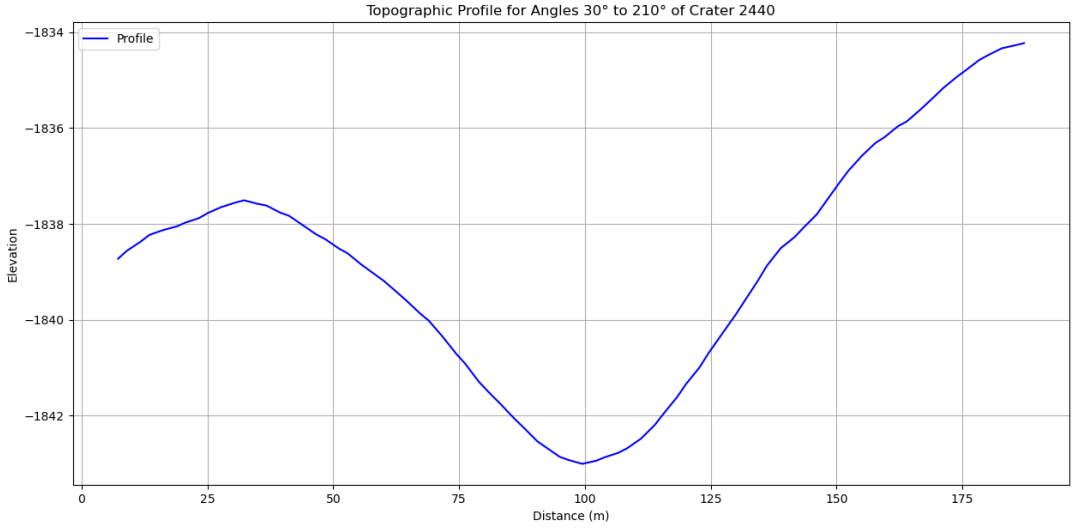


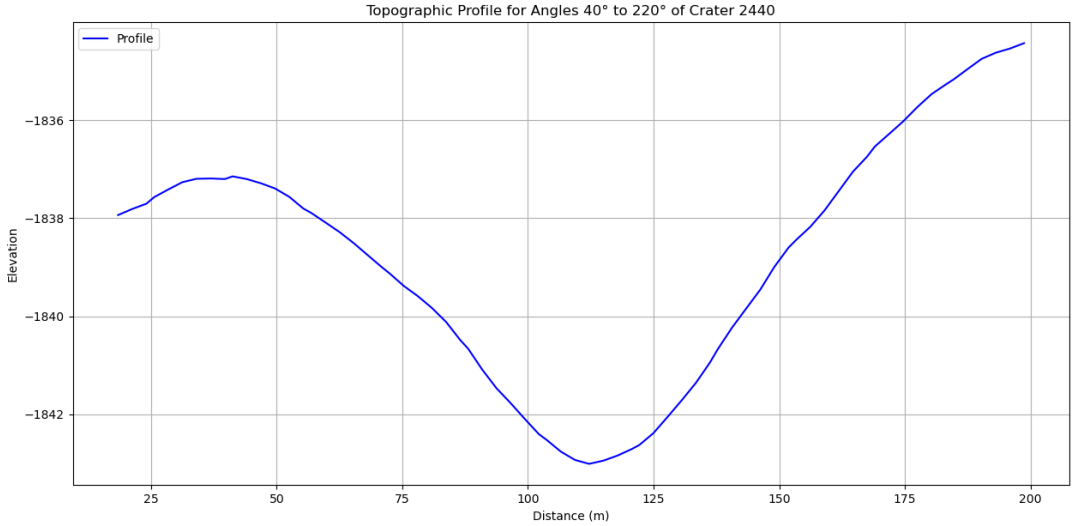
Topographic profiles

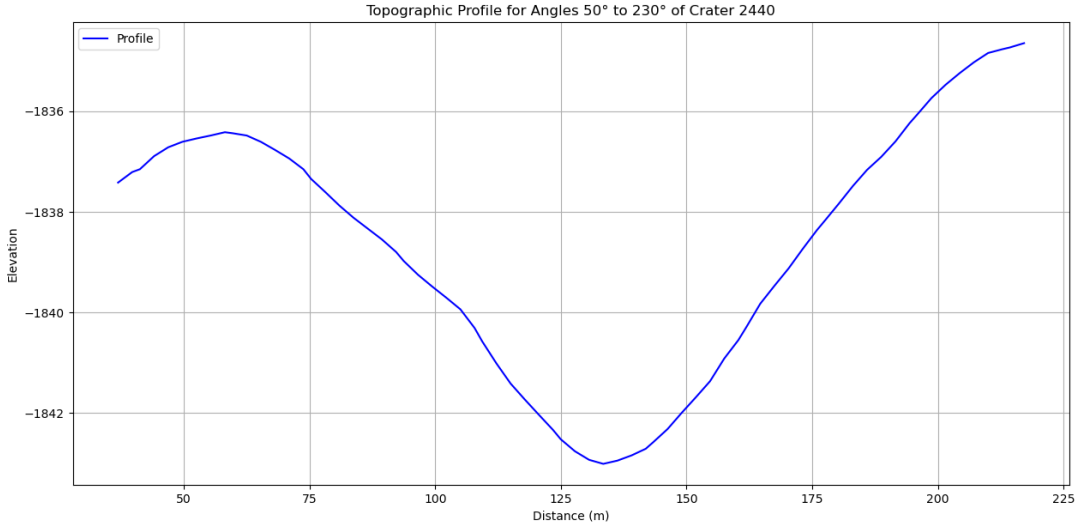


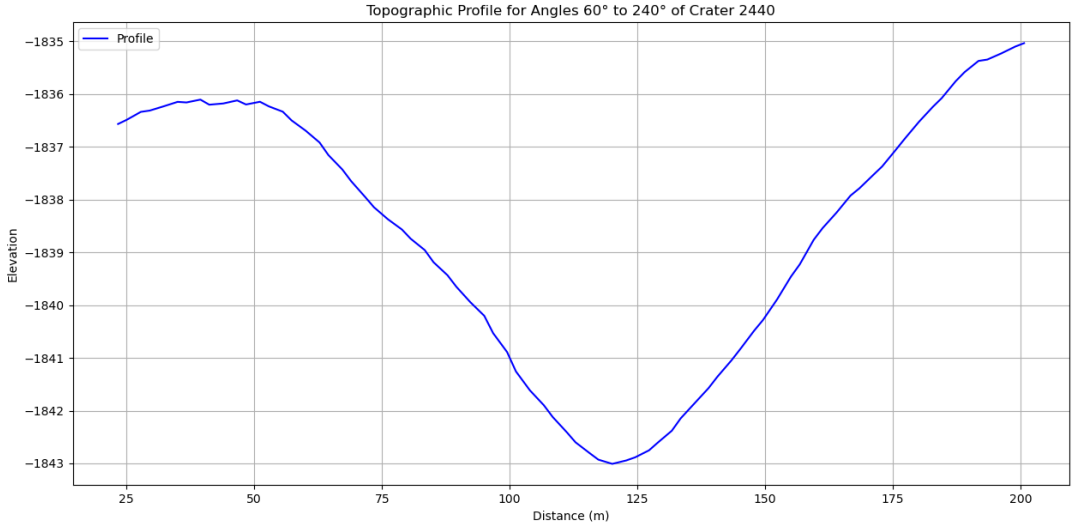

Topographic Profile for Angles 10° to 190° of Crater 2440
Profile
Elevation
Distance (m)
−1834
−1836
−1838
−1840
−1842
0
25
50
75
100
125
150
175

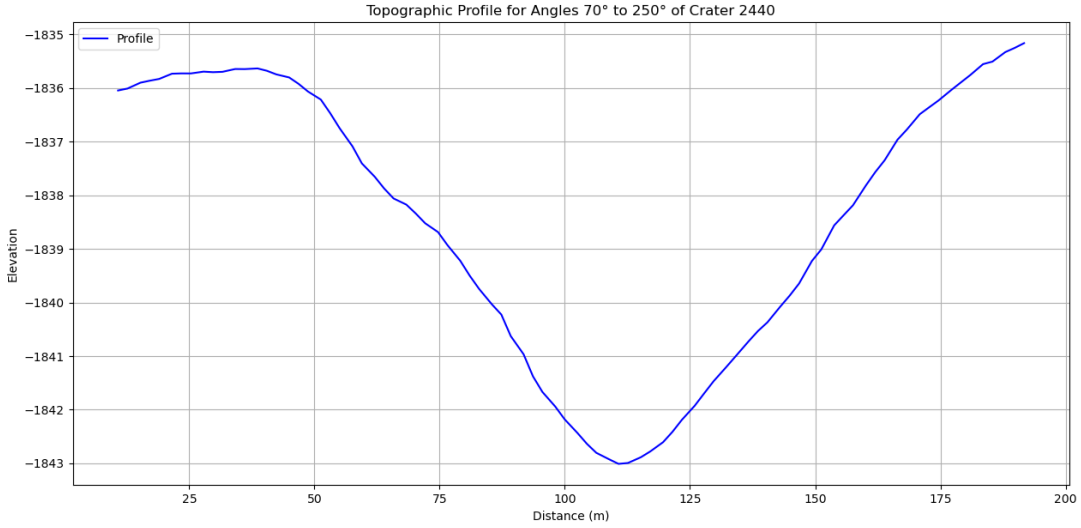

Topographic Profile for Angles 20° to 200° of Crater 2440
Profile
Elevation
Distance (m)
−1834
−1836
−1838
−1840
−1842
0
25
50
75
100
125
150
175

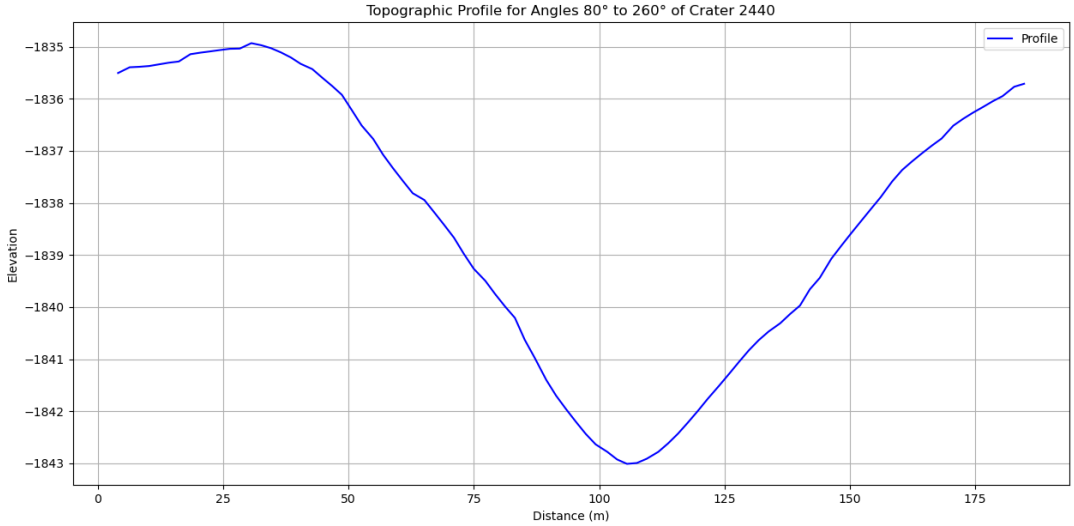

Topographic Profile for Angles 30° to 210° of Crater 2440
Profile
Elevation
−1834
−1836
−1838
−1840
−1842
0
25
50
75
100
125
150
175
Distance (m)

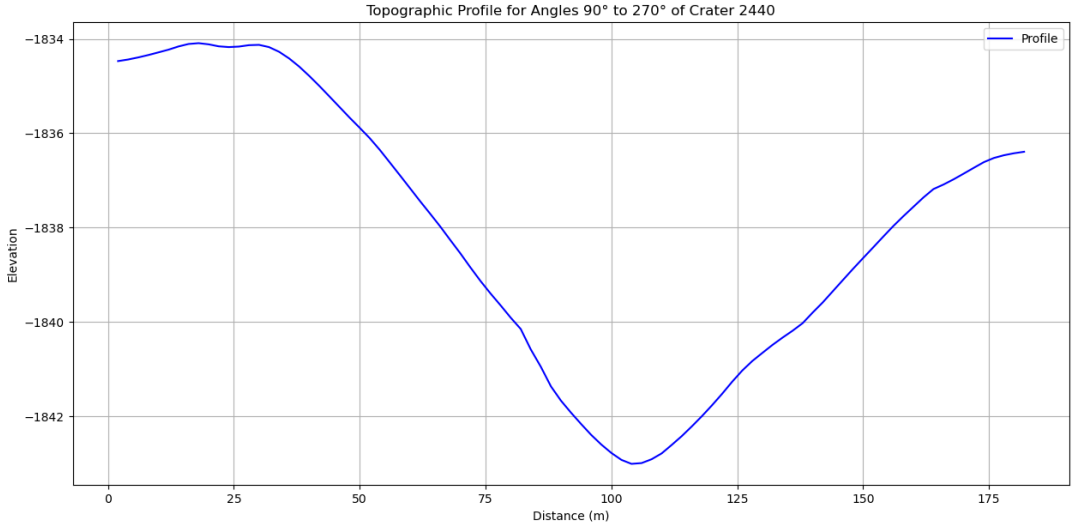

Topographic Profile for Angles 40° to 220° of Crater 2440
Profile
Elevation
−1836
−1838
−1840
−1842
25
50
75
100
125
150
175
200
Distance (m)

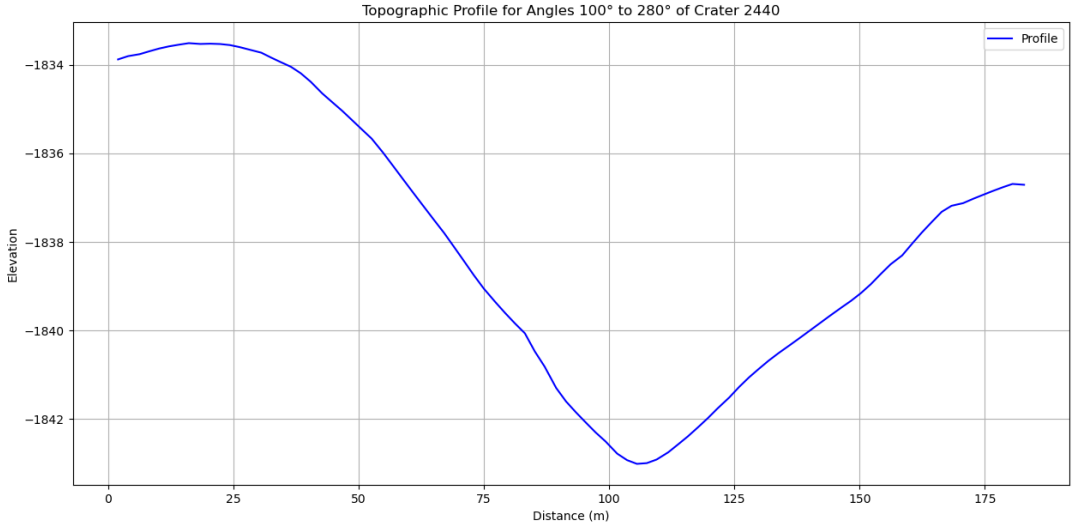

Topographic Profile for Angles 50° to 230° of Crater 2440
Profile
Elevation
−1836
−1838
−1840
−1842
50
75
100
125
150
175
200
225
Distance (m)

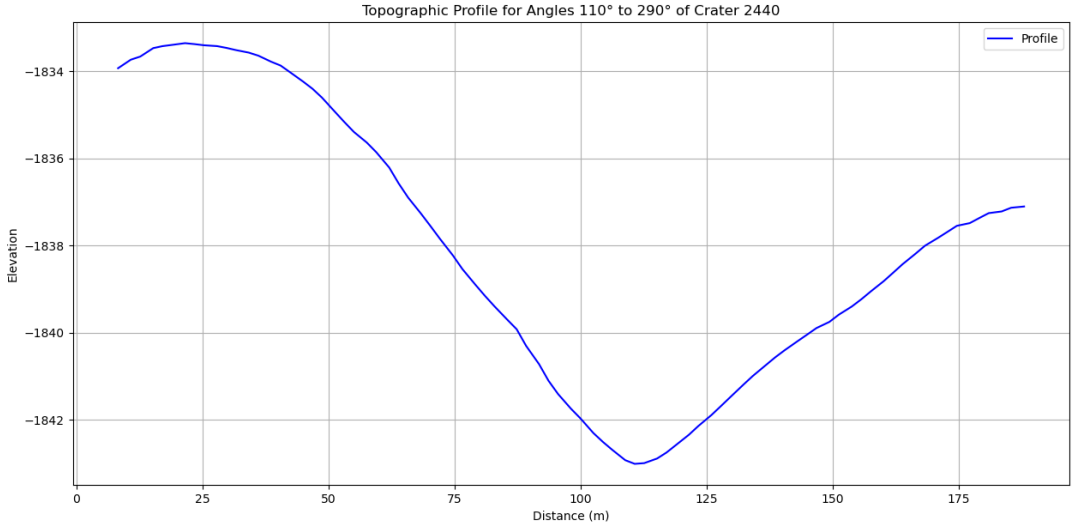

Topographic Profile for Angles 60° to 240° of Crater 2440
Profile
Elevation
−1835
−1836
−1837
−1838
−1839
−1840
−1841
−1842
−1843
25
50
75
100
125
150
175
200
Distance (m)

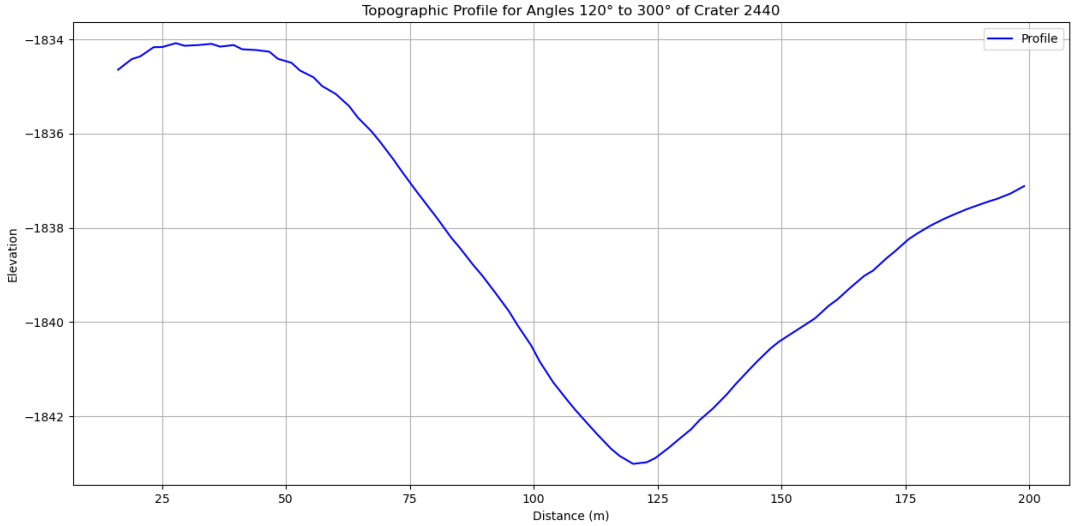

Topographic Profile for Angles 70° to 250° of Crater 2440
Profile
Elevation
Distance (m)
−1835
−1836
−1837
−1838
−1839
−1840
−1841
−1842
−1843
25
50
75
100
125
150
175
200

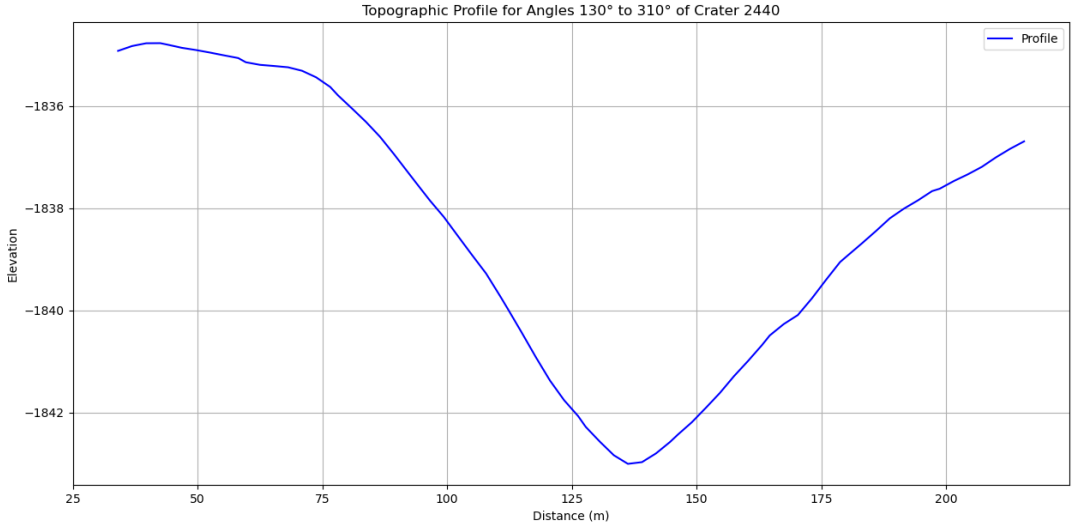

Topographic Profile for Angles 80° to 260° of Crater 2440
Profile
Elevation
Distance (m)
−1835
−1836
−1837
−1838
−1839
−1840
−1841
−1842
−1843
0
25
50
75
100
125
150
175

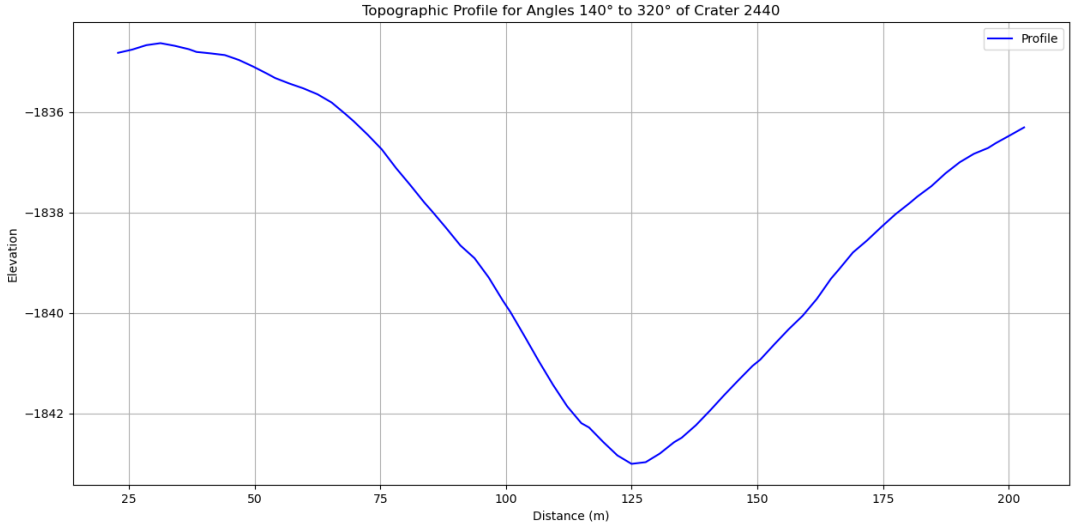

Topographic Profile for Angles 90° to 270° of Crater 2440
Profile
Elevation
−1834
−1836
−1838
−1840
−1842
0
25
50
75
100
125
150
175
Distance (m)

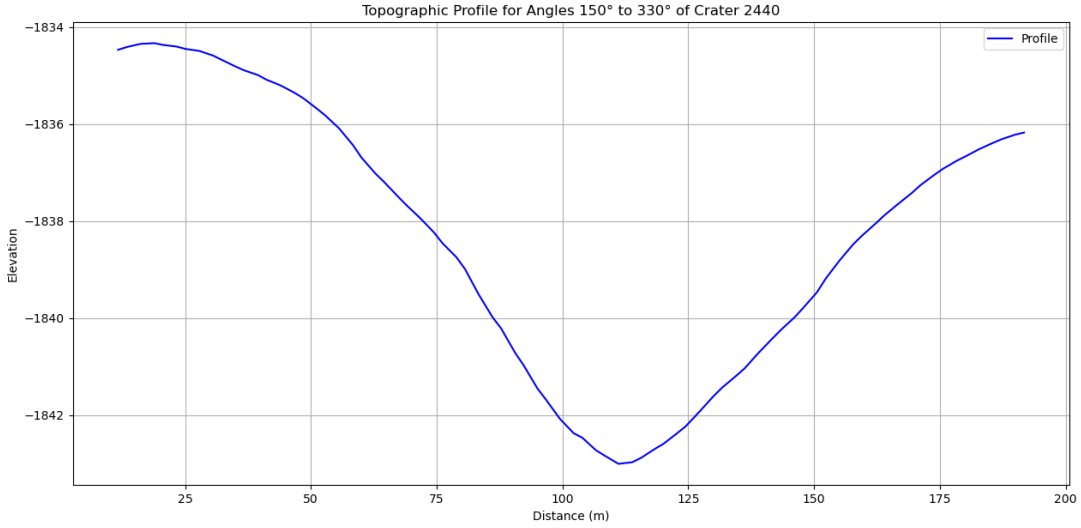

Topographic Profile for Angles 100° to 280° of Crater 2440
Profile
Elevation
−1834
−1836
−1838
−1840
−1842
0
25
50
75
100
125
150
175
Distance (m)

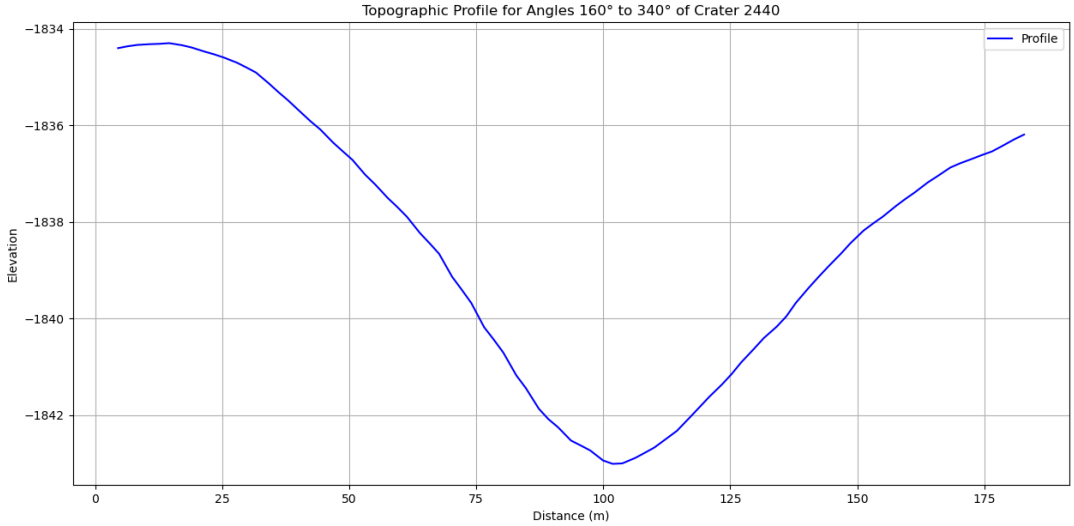

Topographic Profile for Angles 110° to 290° of Crater 2440
Profile
Elevation
−1834
−1836
−1838
−1840
−1842
0
25
50
75
100
125
150
175
Distance (m)

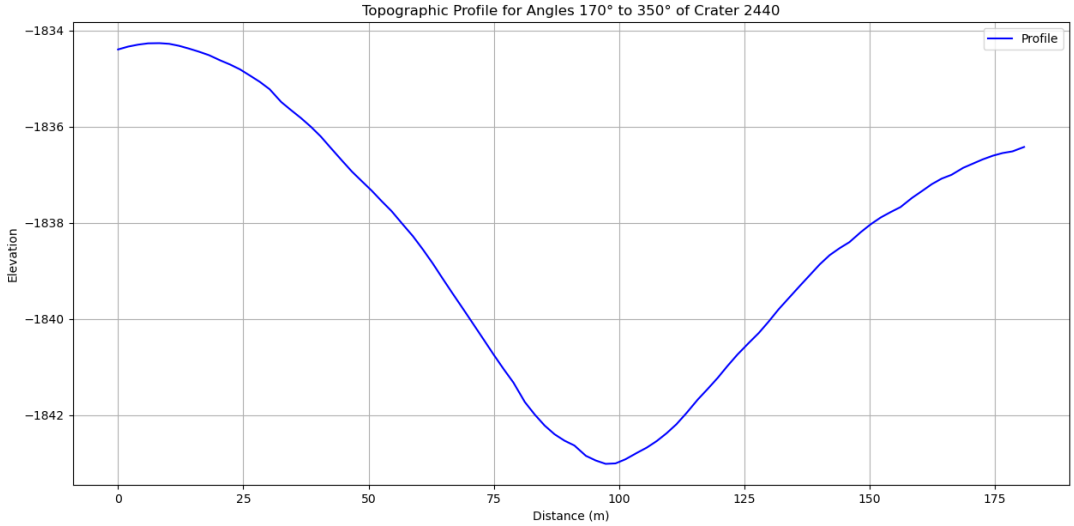

Topographic Profile for Angles 120° to 300° of Crater 2440
Profile
Elevation
−1834
−1836
−1838
−1840
−1842
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 2440
Profile
Elevation
−1836
−1838
−1840
−1842
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2440
Profile
Elevation
−1836
−1838
−1840
−1842
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2440
Profile
Elevation
−1834
−1836
−1838
−1840
−1842
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 2440
Profile
Elevation
−1834
−1836
−1838
−1840
−1842
0
25
50
75
100
125
150
175
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 2440
Profile
Elevation
−1834
−1836
−1838
−1840
−1842
0
25
50
75
100
125
150
175
Distance (m)