Crater report 234 of RG2

General information

ID : 234

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 136m ± 10.0m

Mean depht : 9.4m ± 0.3m

d/D ratio : 0.069 ± 0.006

Circularity index : 0.9

Mean slope : 9.6°

Mean value of TRI on the rim crest : 0.42

Geometric center coordinates : (3656785.8943063803, 233683.53474944865)

Coordinates of the crater's lowest point : (3656789.0000011004, 233681.00000006898)

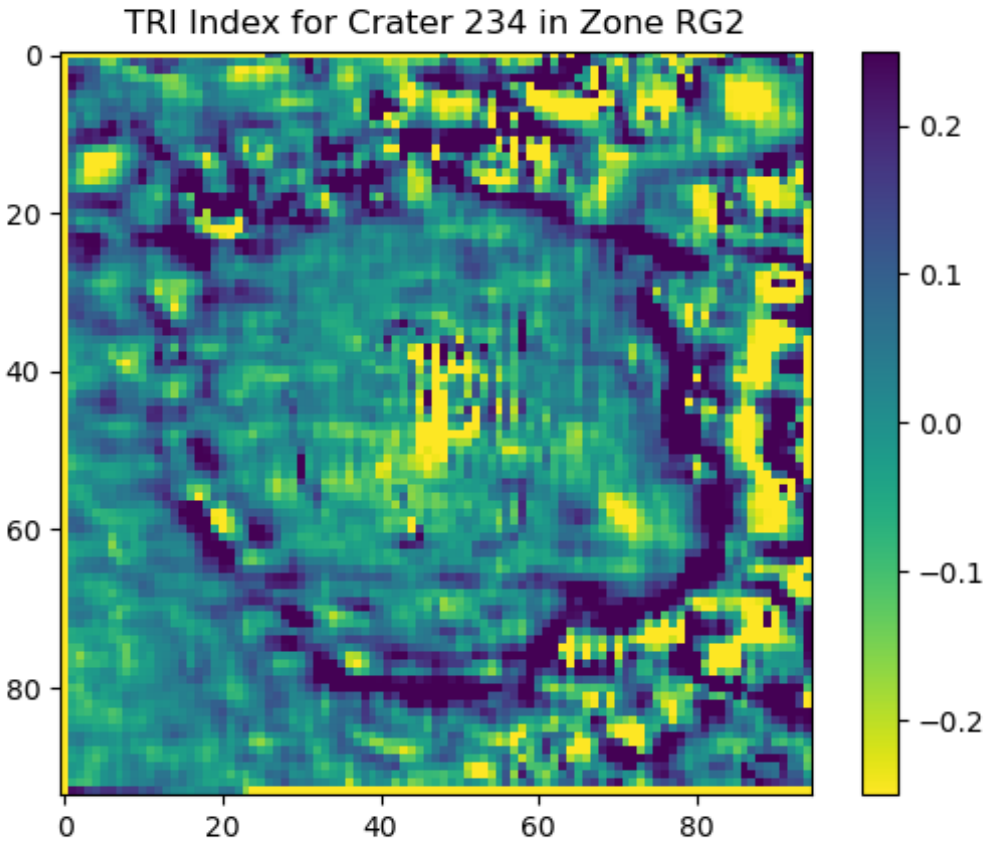
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	10.76	0.57
10°	10.19	0.54
20°	9.96	0.52
30°	10.29	0.48
40°	11.38	0.43
50°	11.95	0.43
60°	11.41	0.48
70°	11.19	0.51
80°	11.09	0.54
90°	11.05	0.57
100°	10.16	0.54
110°	8.89	0.51

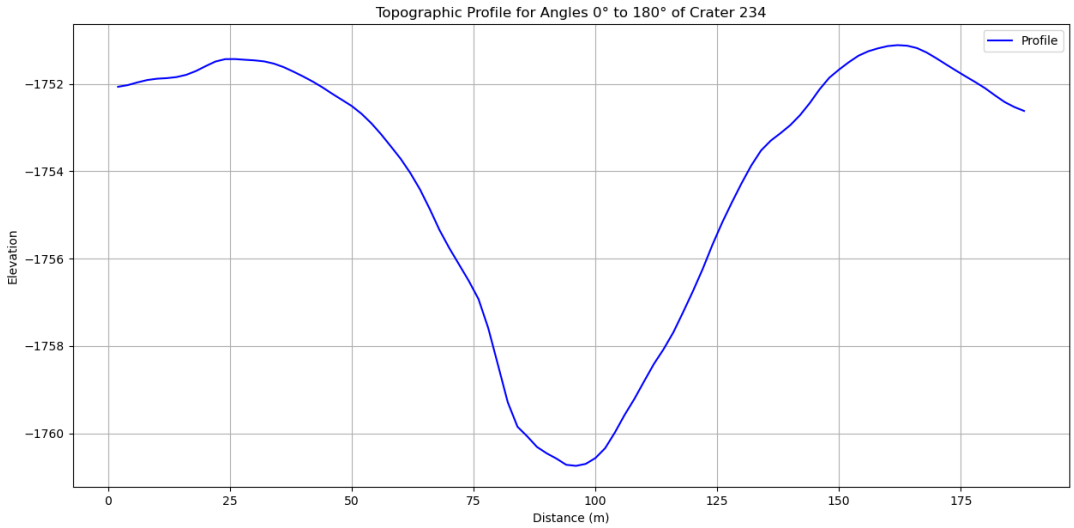
120°	8.87	0.48
130°	11.3	0.43
140°	10.9	0.44
150°	10.48	0.48
160°	10.17	0.51
170°	10.25	0.55
180°	10.24	0.57
190°	9.39	0.54
200°	9.16	0.52
210°	8.68	0.48
220°	8.26	0.43
230°	7.6	0.43
240°	7.28	0.48
250°	7.2	0.52
260°	7.74	0.54
270°	8.12	0.57
280°	7.85	0.54
290°	7.88	0.52
300°	8.58	0.48
310°	9.34	0.43
320°	9.38	0.43
330°	9.21	0.48
340°	9.35	0.51
350°	10.01	0.55

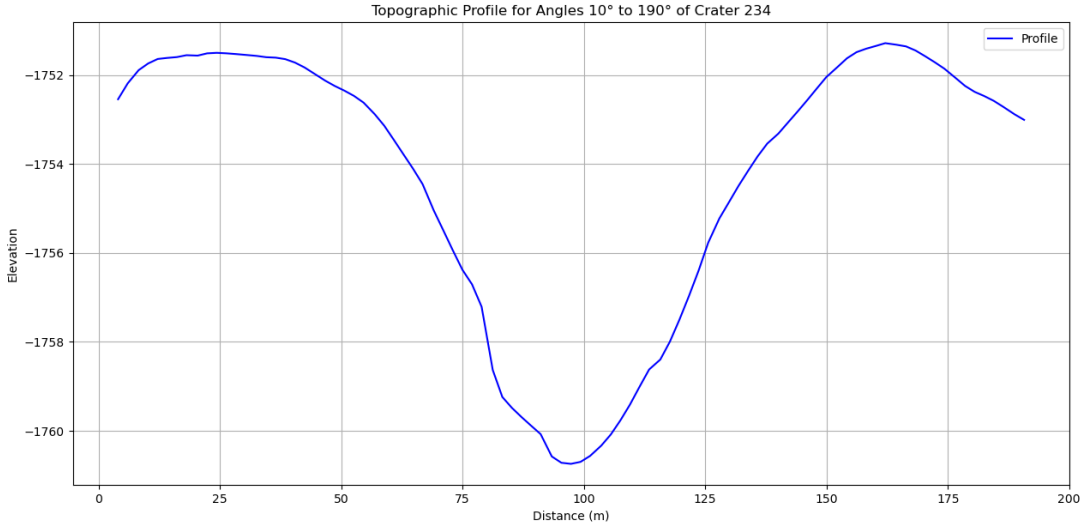
Topographic roughness index (TRI)

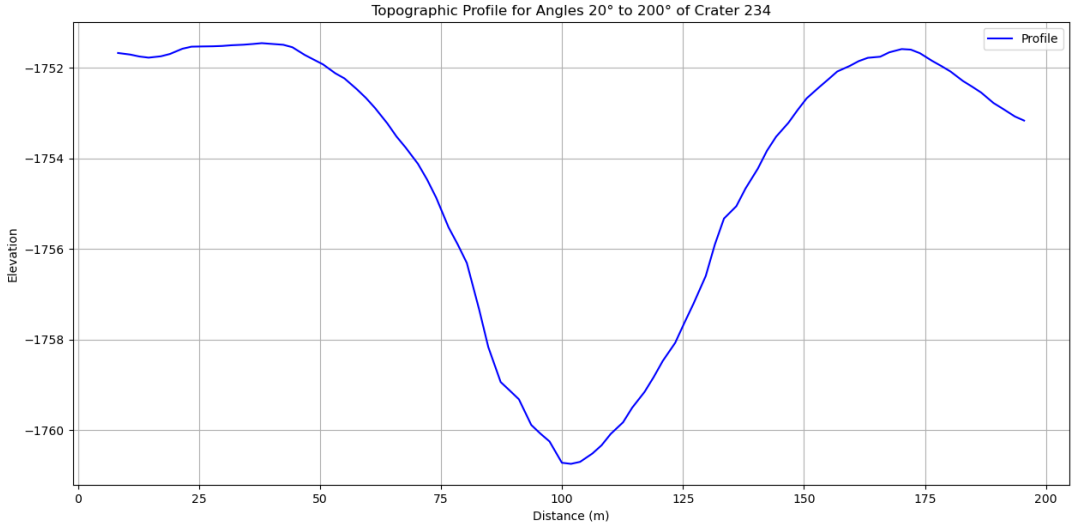
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

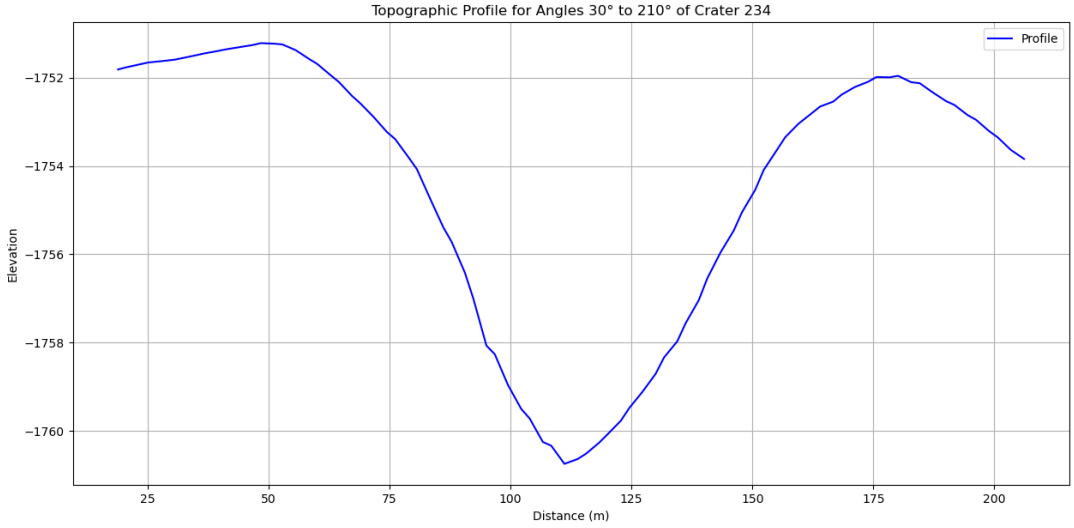


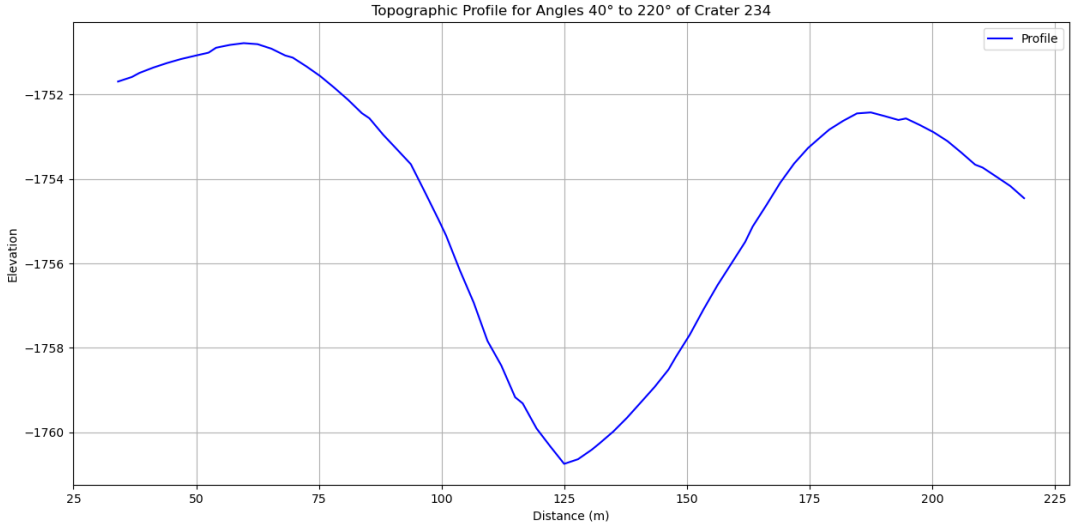
Topographic profiles

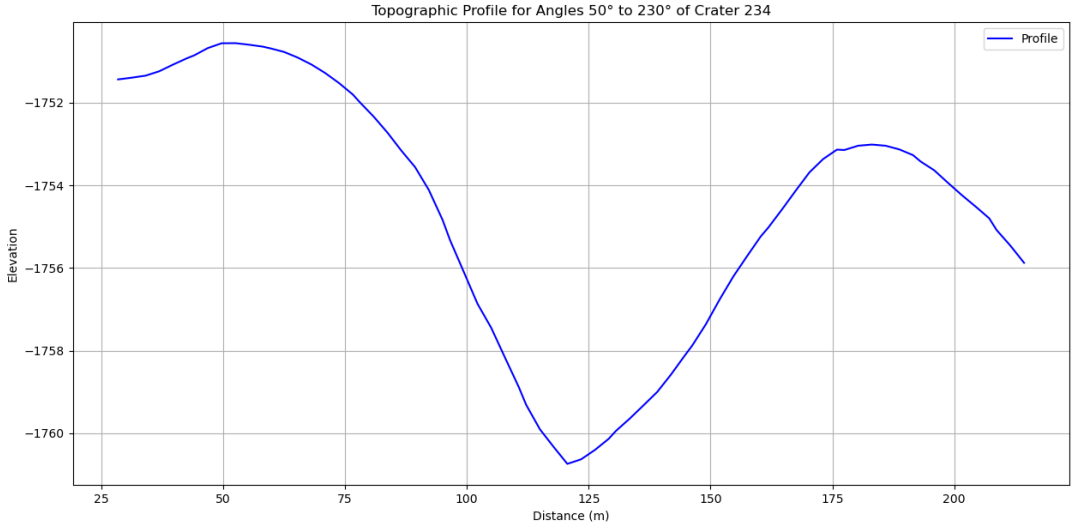


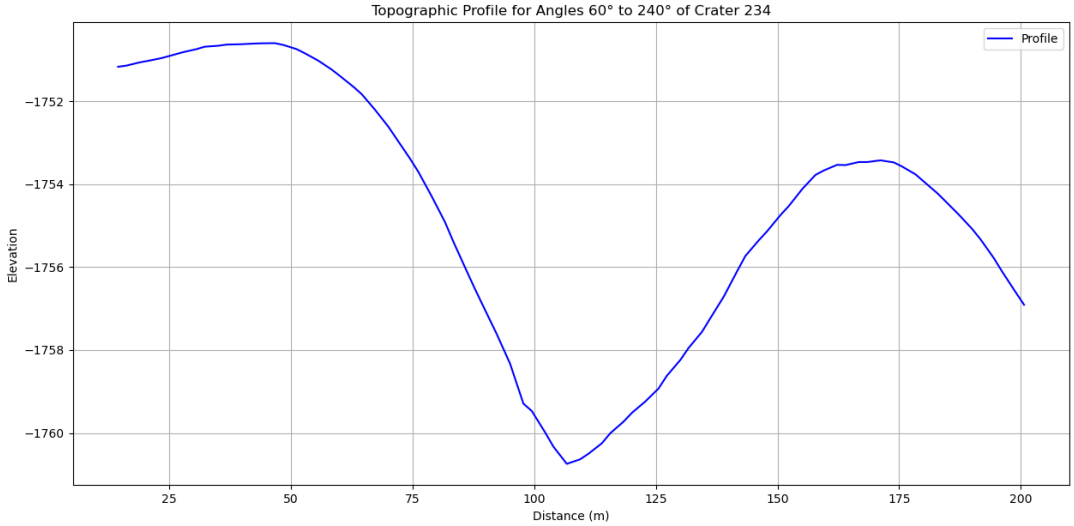

Topographic Profile for Angles 10° to 190° of Crater 234
Profile
Elevation
−1752
−1754
−1756
−1758
−1760
0
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 234
Profile
Elevation
−1752
−1754
−1756
−1758
−1760
0
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 234
Profile
Elevation
−1752
−1754
−1756
−1758
−1760
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 40° to 220° of Crater 234
Profile
Elevation
−1752
−1754
−1756
−1758
−1760
25
50
75
100
125
150
175
200
225
Distance (m)


Topographic Profile for Angles 50° to 230° of Crater 234
Profile
Elevation
−1752
−1754
−1756
−1758
−1760
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 234
Profile
Elevation
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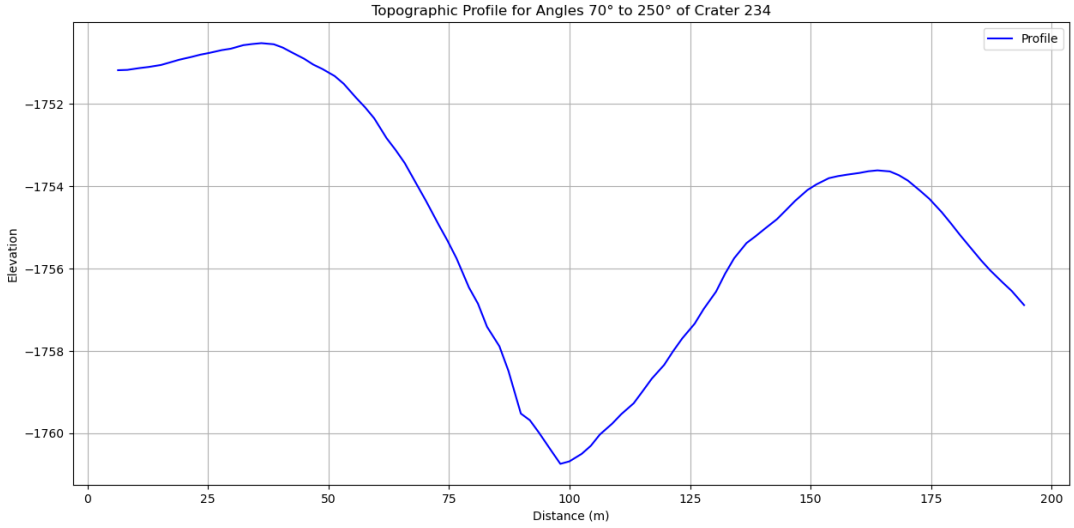
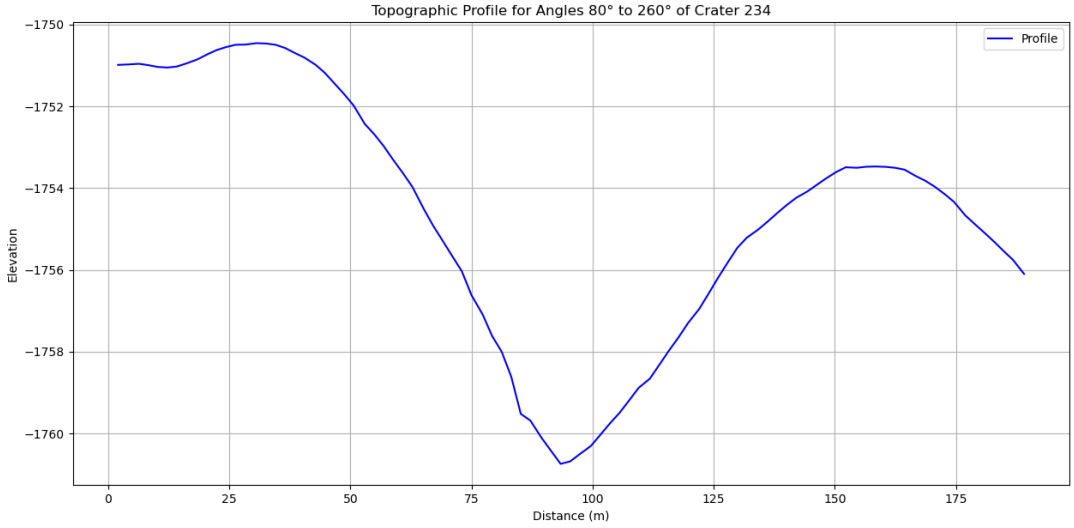
−1754
−1756
−1758
−1760
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 234
Profile
Elevation
−1752
−1754
−1756
−1758
−1760
0
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 234
Profile
Elevation
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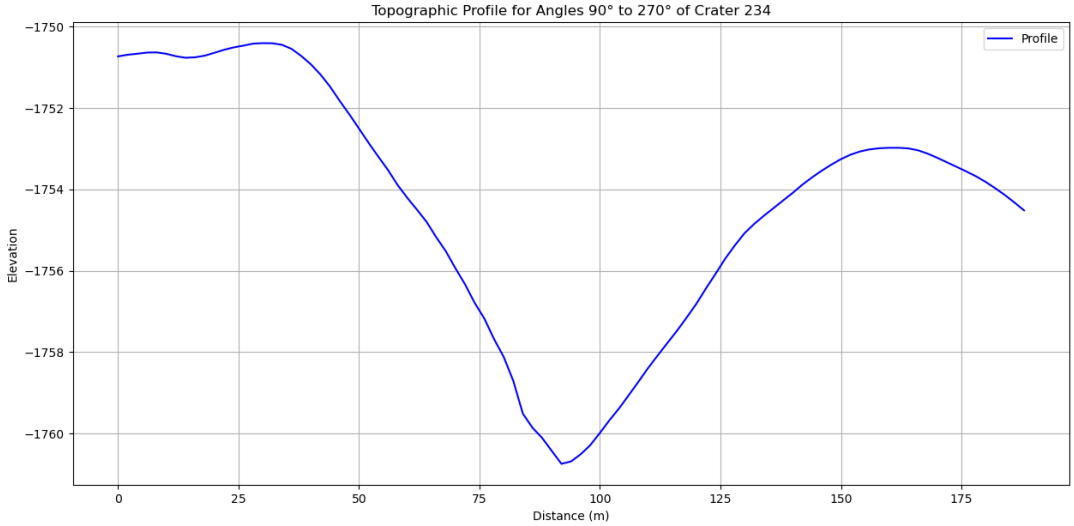
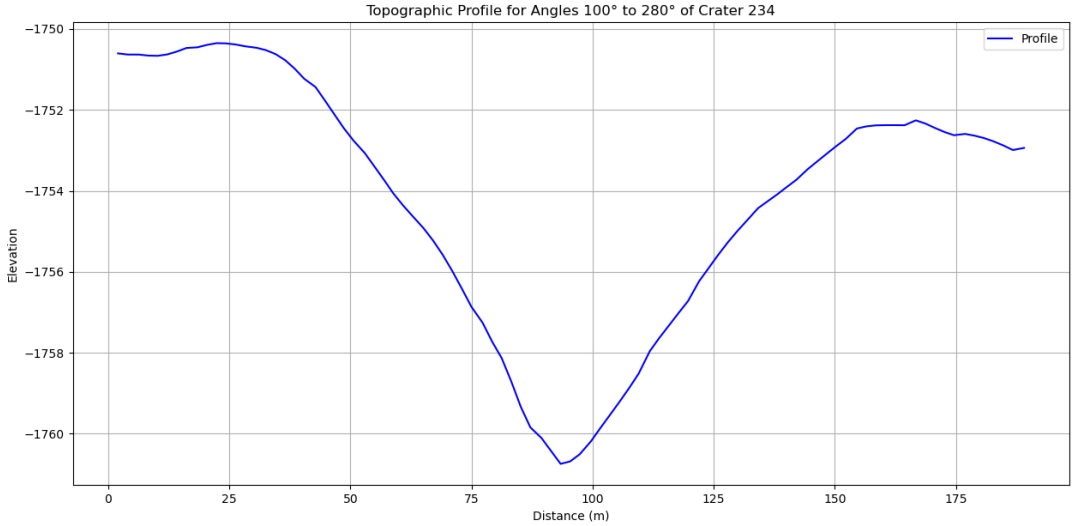
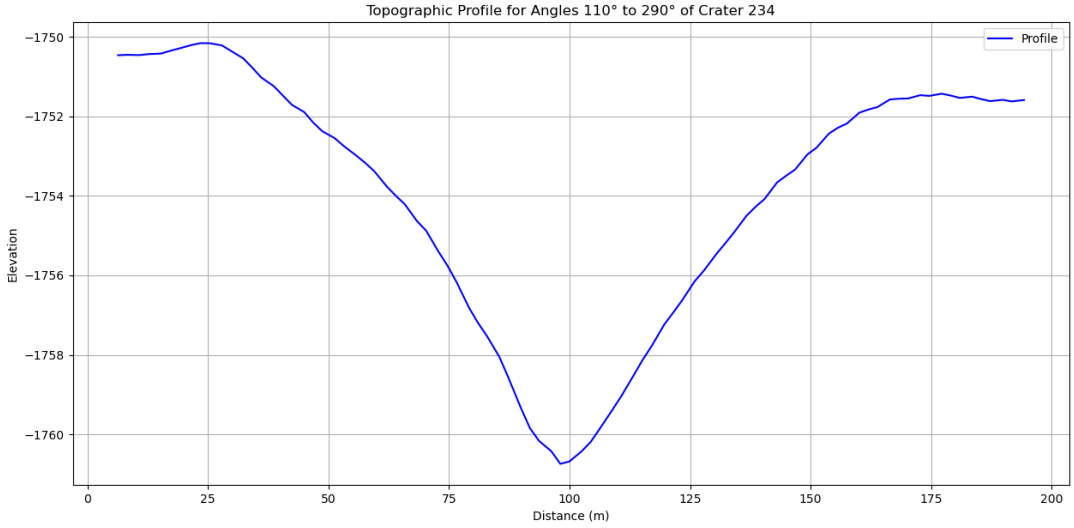
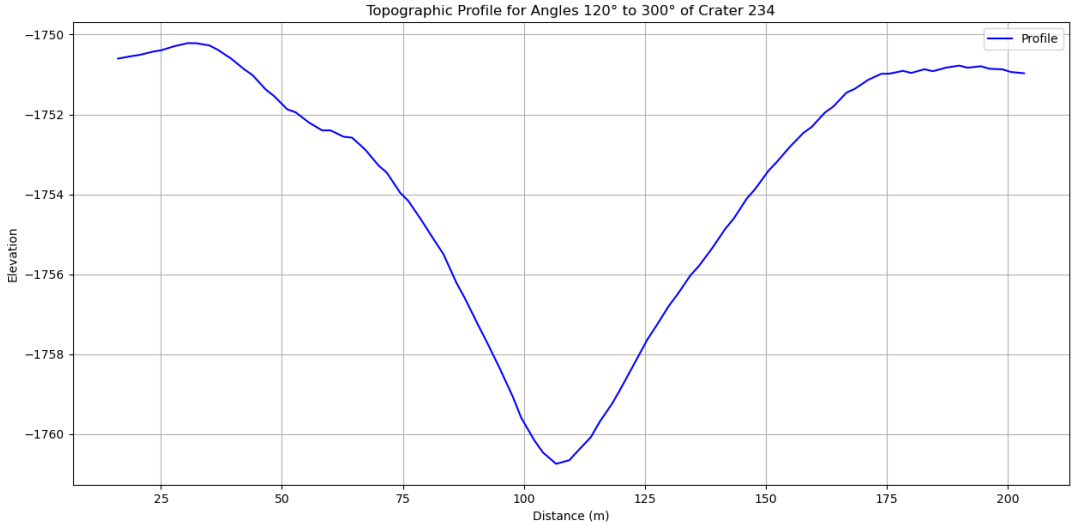
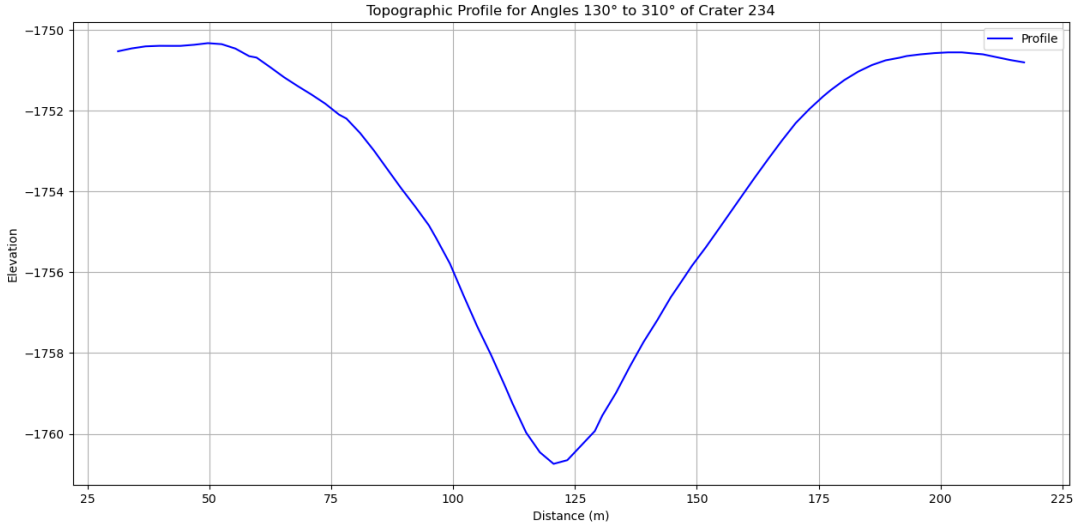
−1752
−1754
−1756
−1758
−1760
0
25
50
75
100
125
150
175
Distance (m)

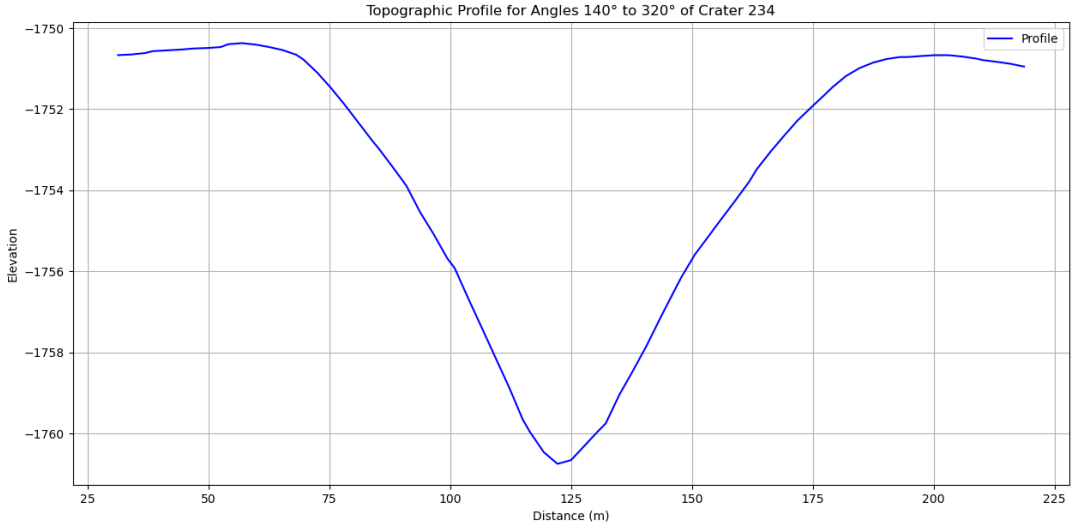

Topographic Profile for Angles 90° to 270° of Crater 234
Profile
Elevation
Distance (m)
−1750
−1752
−1754
−1756
−1758
−1760
0
25
50
75
100
125
150
175

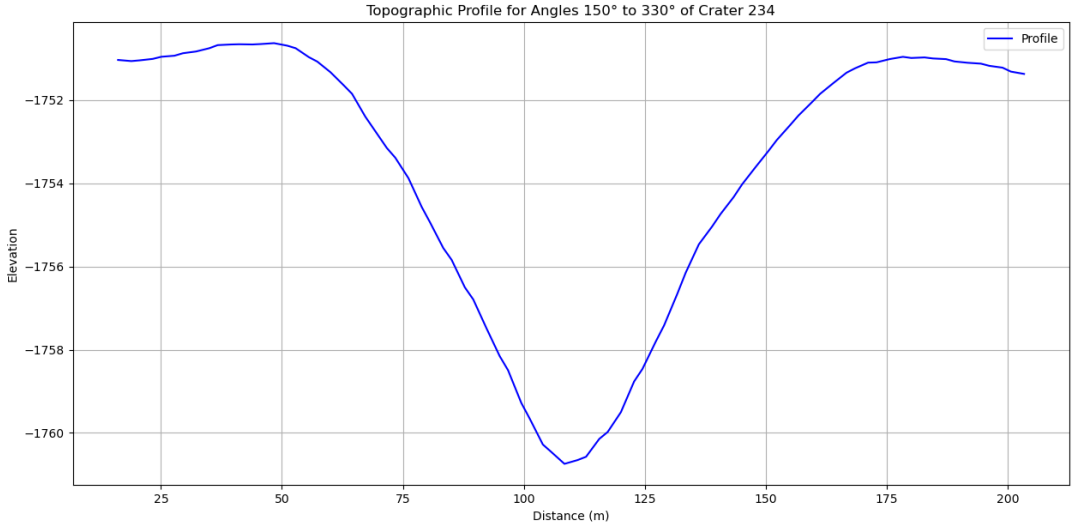

Topographic Profile for Angles 100° to 280° of Crater 234
Profile
Elevation
Distance (m)
−1750
−1752
−1754
−1756
−1758
−1760
0
25
50
75
100
125
150
175

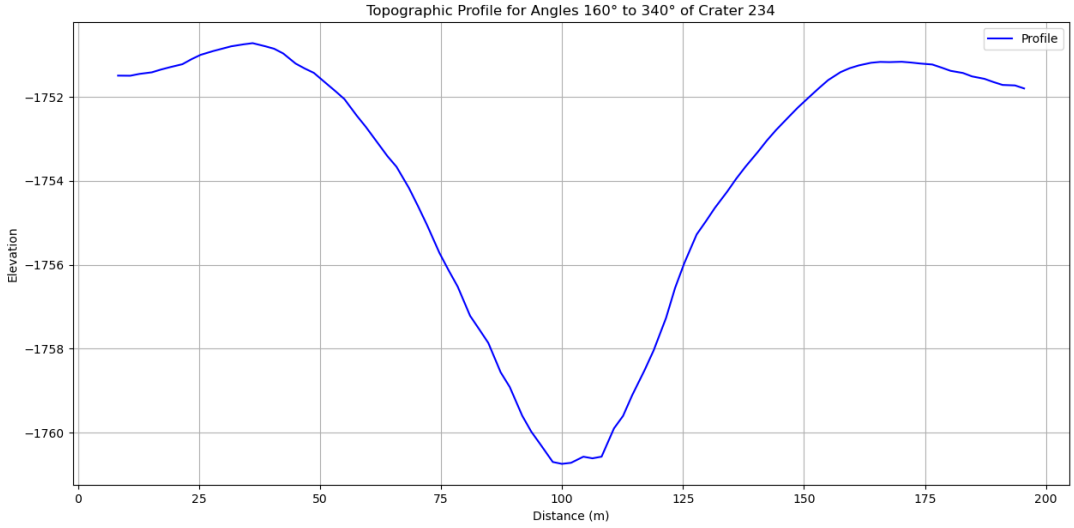

Topographic Profile for Angles 110° to 290° of Crater 234
Profile
Elevation
Distance (m)
−1750
−1752
−1754
−1756
−1758
−1760
0
25
50
75
100
125
150
175
200

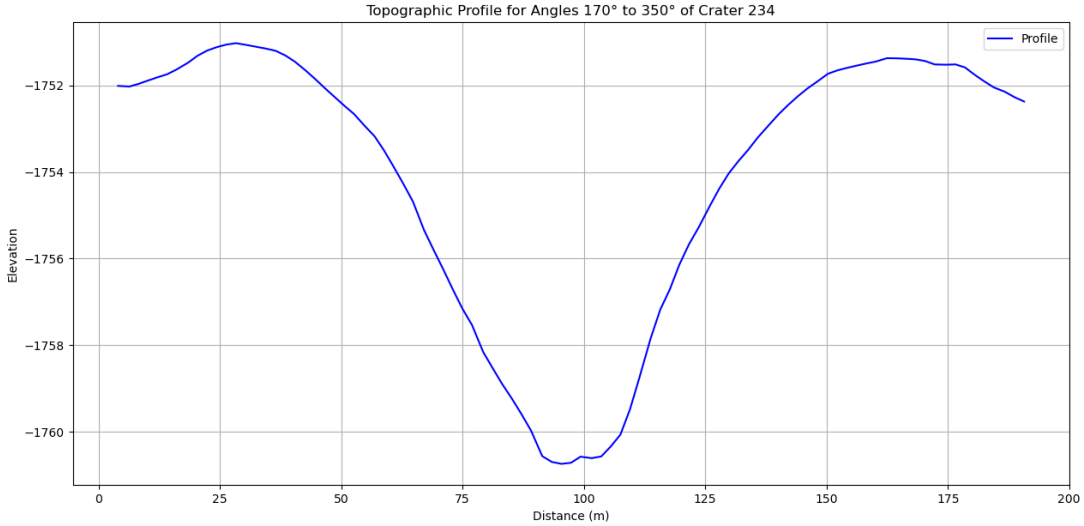

Topographic Profile for Angles 120° to 300° of Crater 234
Profile
Elevation
Distance (m)
−1750
−1752
−1754
−1756
−1758
−1760
25
50
75
100
125
150
175
200


Topographic Profile for Angles 130° to 310° of Crater 234
Profile
Elevation
Distance (m)
−1750
−1752
−1754
−1756
−1758
−1760
25
50
75
100
125
150
175
200
225


Topographic Profile for Angles 140° to 320° of Crater 234
Profile
Elevation
Distance (m)
−1750
−1752
−1754
−1756
−1758
−1760
25
50
75
100
125
150
175
200
225


Topographic Profile for Angles 150° to 330° of Crater 234
Profile
Elevation
−1752
−1754
−1756
−1758
−1760
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 234
Profile
Elevation
−1752
−1754
−1756
−1758
−1760
0
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 234
Profile
Elevation
−1752
−1754
−1756
−1758
−1760
0
25
50
75
100
125
150
175
200
Distance (m)