Crater report 104 of RG2

General information

ID : 104

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 150m ± 9.0m

Mean depht : 9.0m ± 0.6m

d/D ratio : 0.06 ± 0.005

Circularity index : 0.9

Mean slope : 8.0°

Mean value of TRI on the rim crest : 0.17

Geometric center coordinates : (3658254.5525795845, 236582.9196220831)

Coordinates of the crater's lowest point : (3658253.000001101, 236589.00000006985)

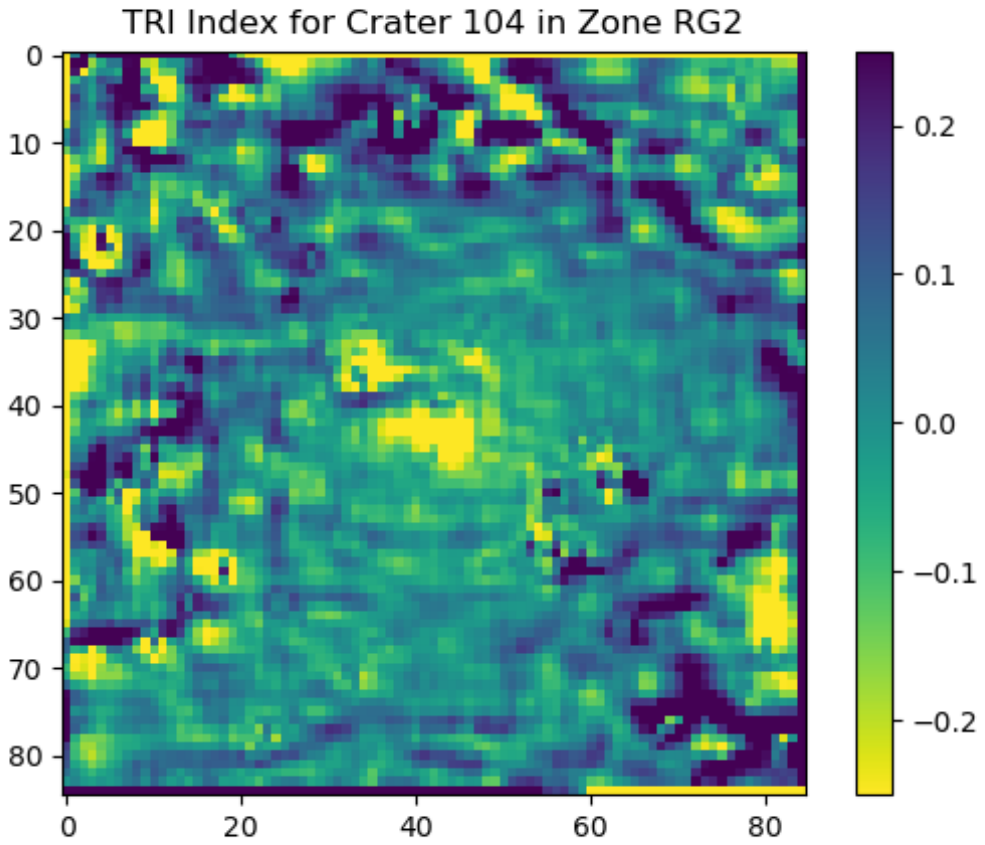
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	8.82	0.57
10°	8.4	0.54
20°	8.12	0.51
30°	8.28	0.48
40°	8.85	0.43
50°	8.9	0.43
60°	8.7	0.48
70°	8.86	0.52
80°	9.51	0.55
90°	10.27	0.57
100°	10.57	0.54
110°	10.7	0.51

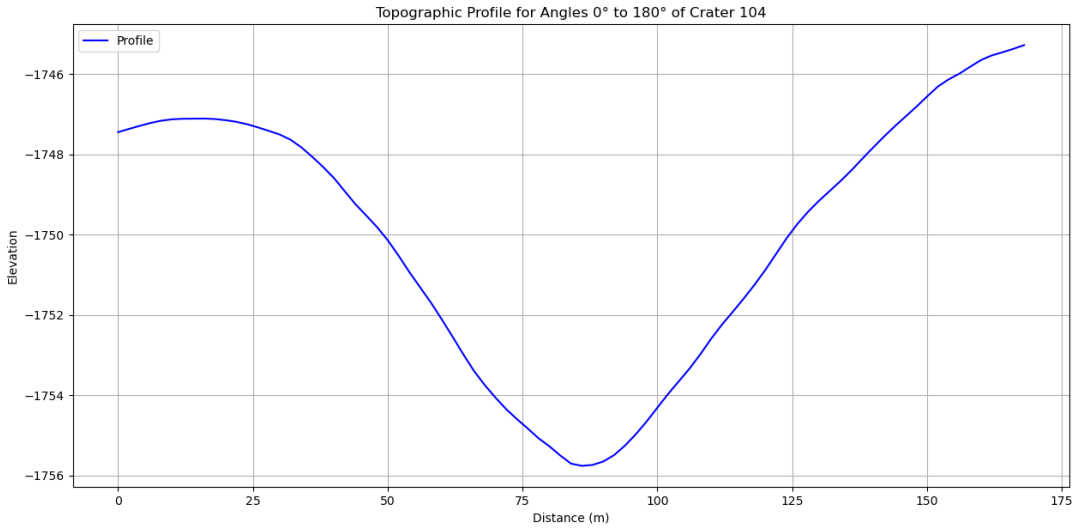
120°	10.77	0.48
130°	11.61	0.43
140°	10.93	0.43
150°	10.09	0.48
160°	9.5	0.51
170°	8.71	0.54
180°	8.31	0.57
190°	7.33	0.54
200°	6.39	0.52
210°	5.79	0.48
220°	5.49	0.43
230°	4.97	0.44
240°	4.61	0.48
250°	4.8	0.51
260°	5.23	0.54
270°	6.03	0.57
280°	5.99	0.54
290°	6.11	0.51
300°	6.35	0.48
310°	7.13	0.44
320°	7.79	0.44
330°	7.85	0.48
340°	8.18	0.51
350°	8.2	0.54

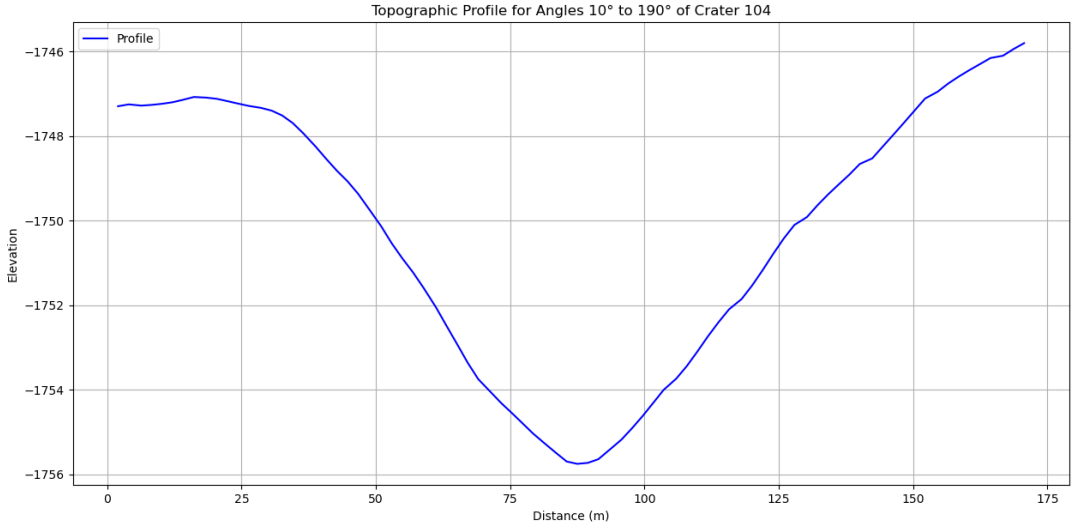
Topographic roughness index (TRI)

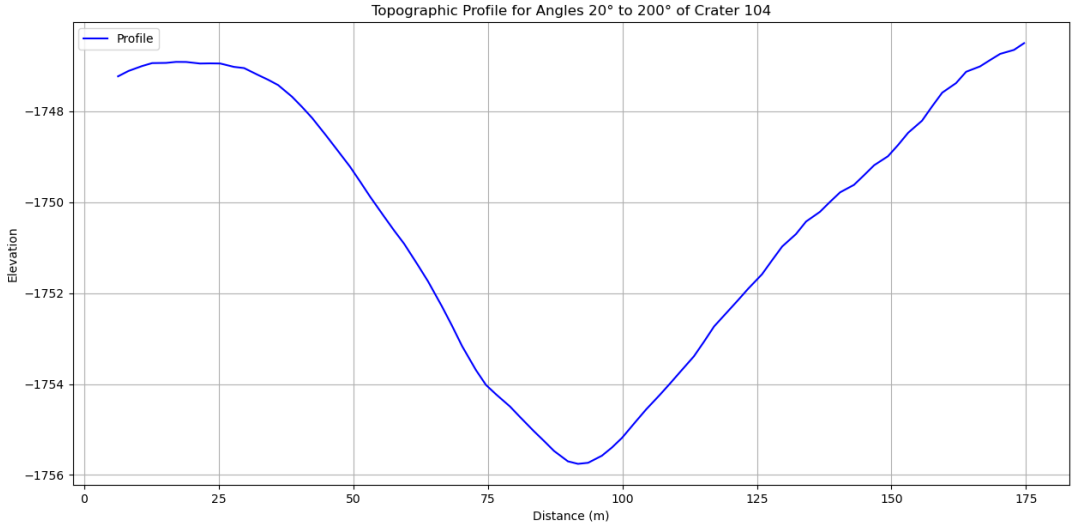
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

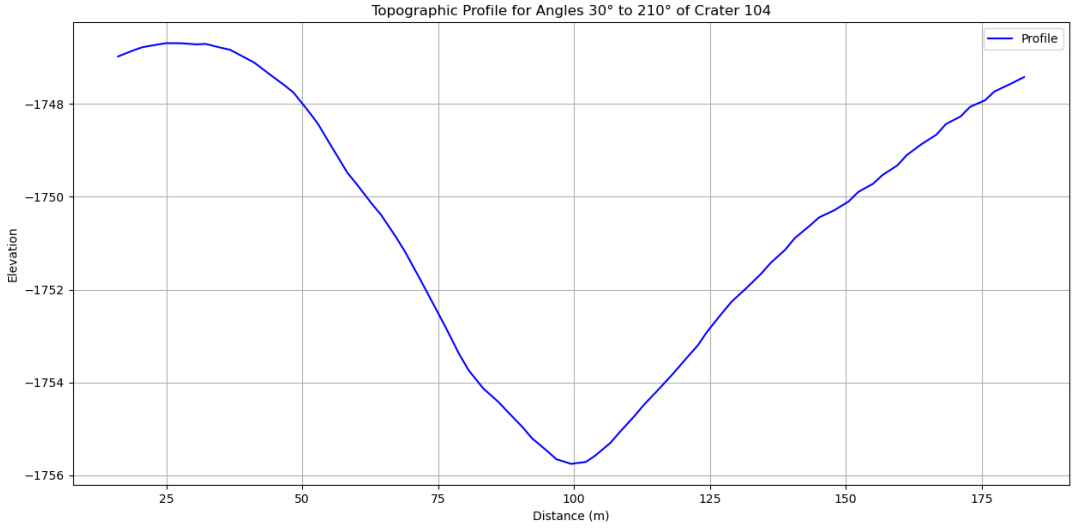


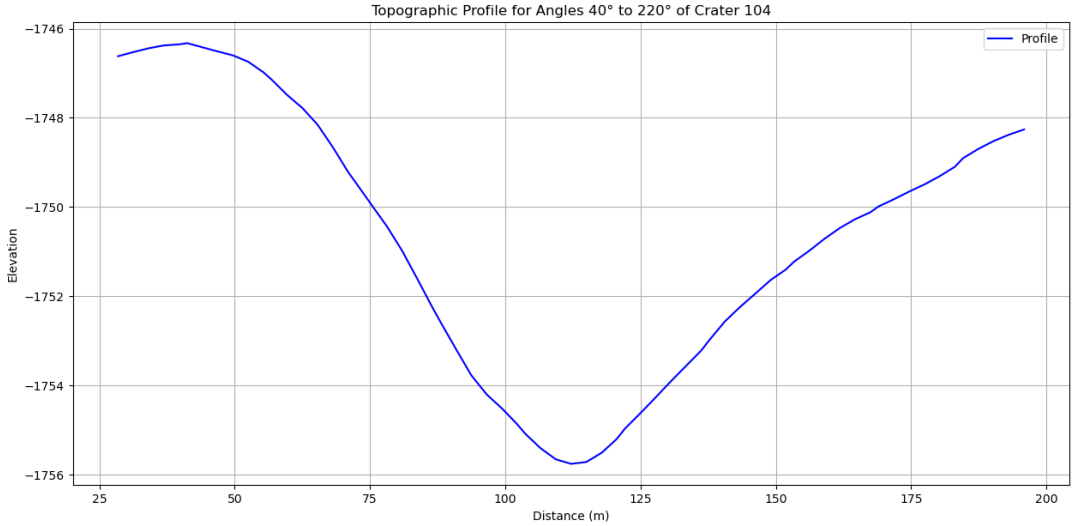
Topographic profiles

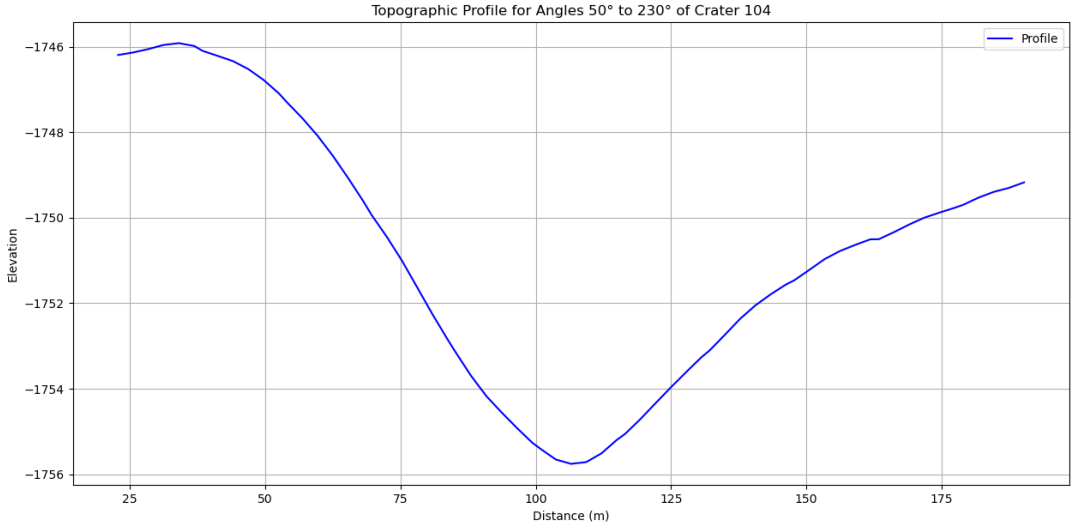


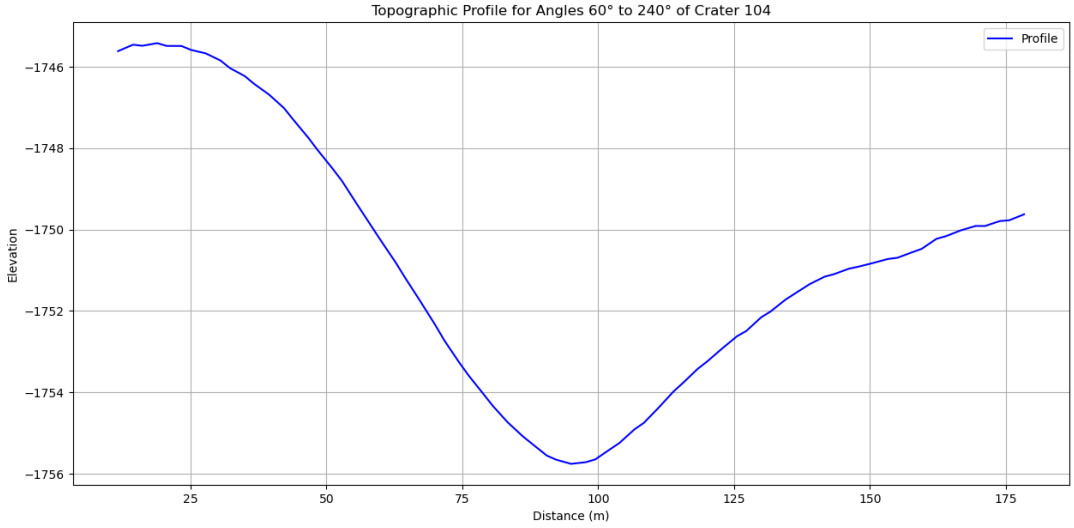

Topographic Profile for Angles 10° to 190° of Crater 104
Profile
Elevation
Distance (m)
−1746
−1748
−1750
−1752
−1754
−1756
0
25
50
75
100
125
150
175

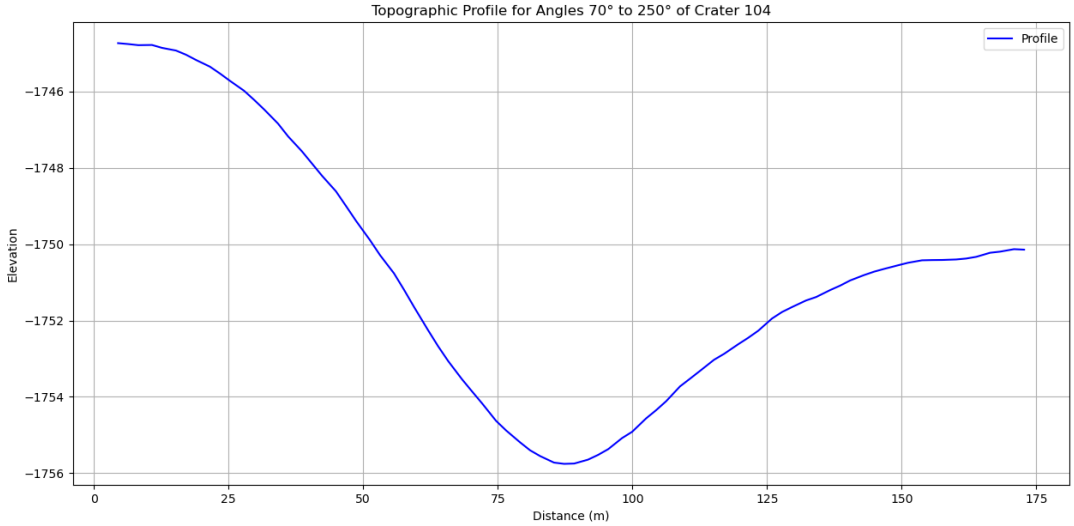

Topographic Profile for Angles 20° to 200° of Crater 104
Profile
Elevation
Distance (m)
−1748
−1750
−1752
−1754
−1756
0
25
50
75
100
125
150
175


Topographic Profile for Angles 30° to 210° of Crater 104
Profile
Elevation
−1748
−1750
−1752
−1754
−1756
25
50
75
100
125
150
175
Distance (m)


Topographic Profile for Angles 40° to 220° of Crater 104
Profile
Elevation
−1746
−1748
−1750
−1752
−1754
−1756
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 50° to 230° of Crater 104
Profile
Elevation
−1746
−1748
−1750
−1752
−1754
−1756
25
50
75
100
125
150
175
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 104
Profile
Elevation
−1746
−1748
−1750
−1752
−1754
−1756
25
50
75
100
125
150
175
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 104
Profile
Elevation
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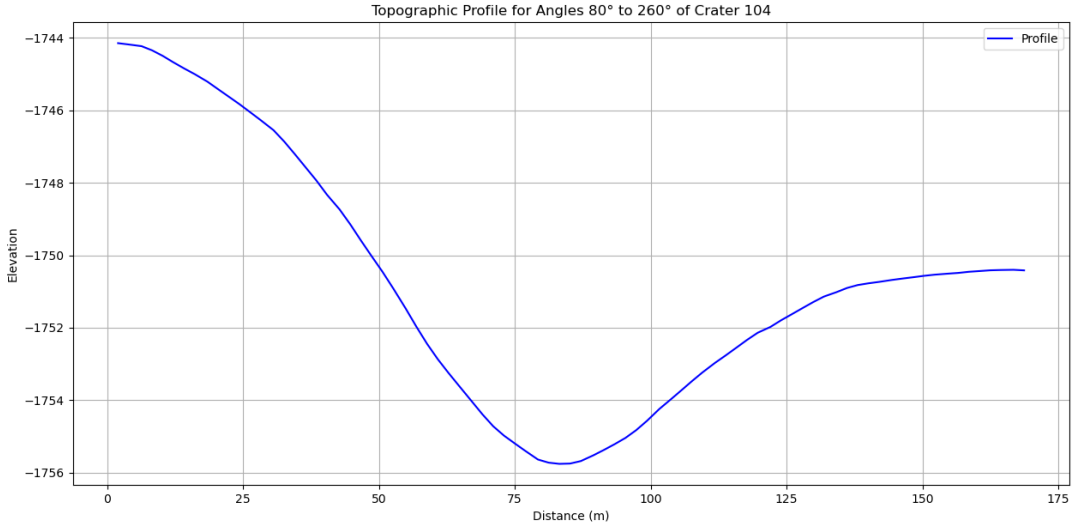
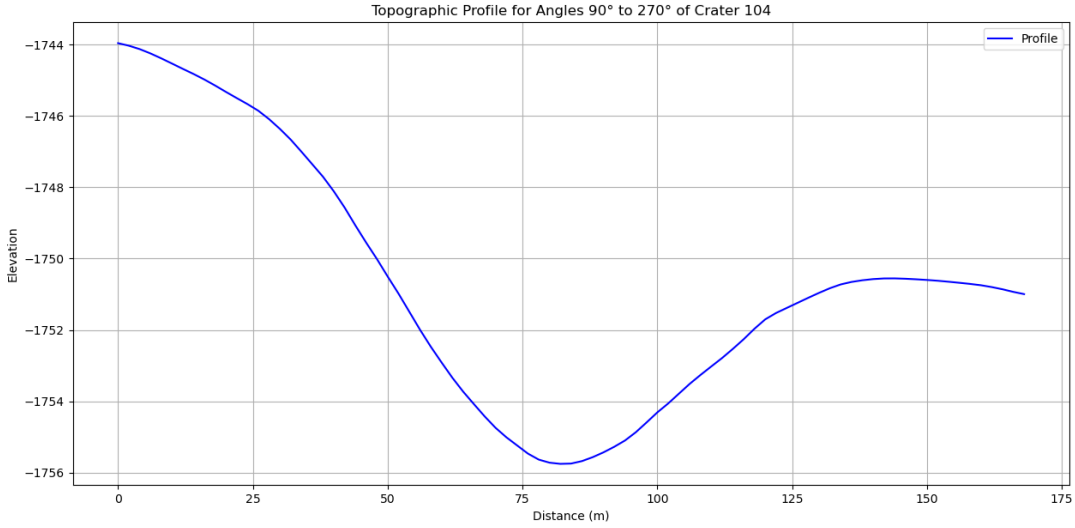
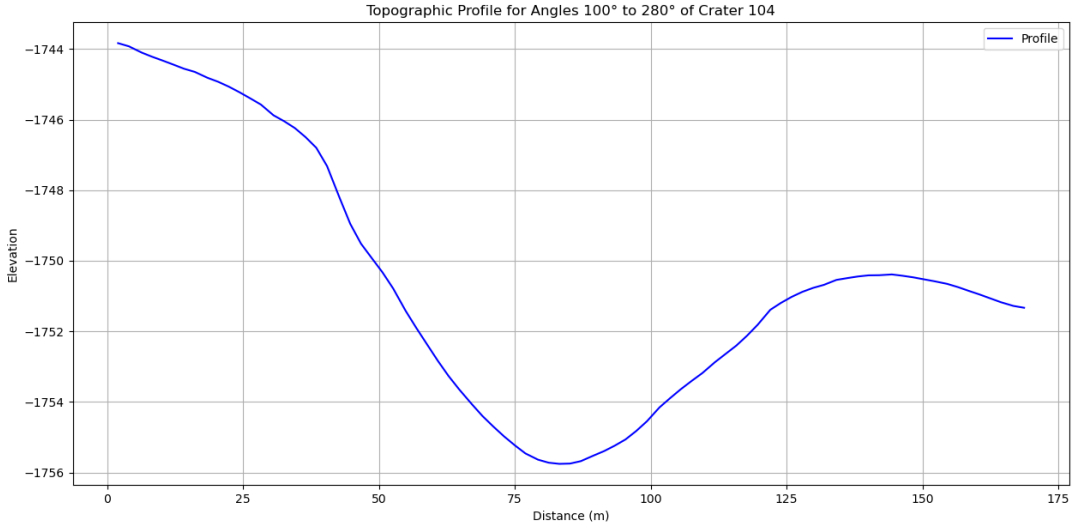
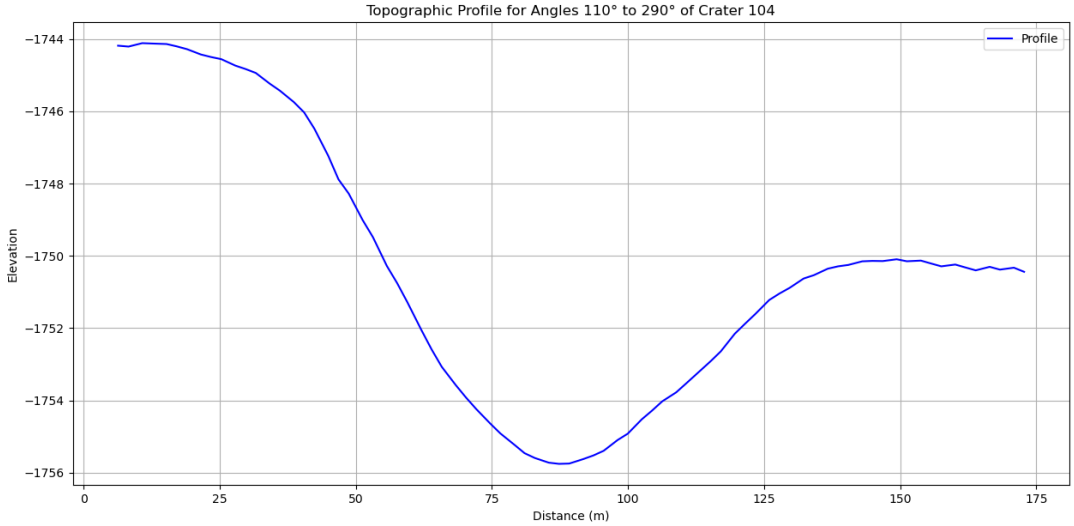
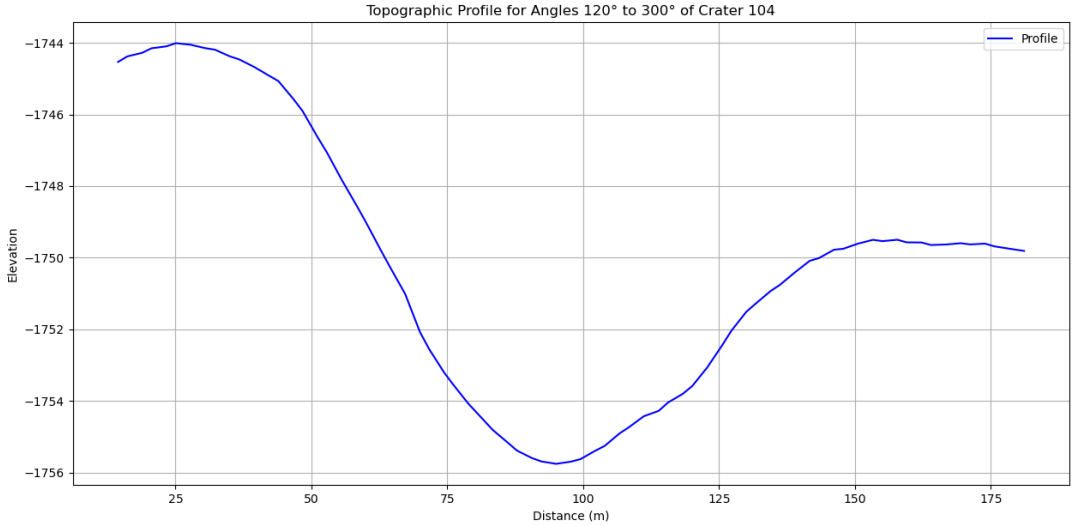
−1748
−1750
−1752
−1754
−1756
0
25
50
75
100
125
150
175
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 104
Profile
Elevation
−1744
−1746
−1748
−1750
−1752
−1754
−1756
0
25
50
75
100
125
150
175
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 104
Profile
Elevation
−1744
−1746
−1748
−1750
−1752
−1754
−1756
0
25
50
75
100
125
150
175
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 104
Profile
Elevation
−1744
−1746
−1748
−1750
−1752
−1754
−1756
0
25
50
75
100
125
150
175
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 104
Profile
Elevation
Distance (m)
−1744
−1746
−1748
−1750
−1752
−1754
−1756
0
25
50
75
100
125
150
175


Topographic Profile for Angles 120° to 300° of Crater 104
Profile
Elevation
Distance (m)
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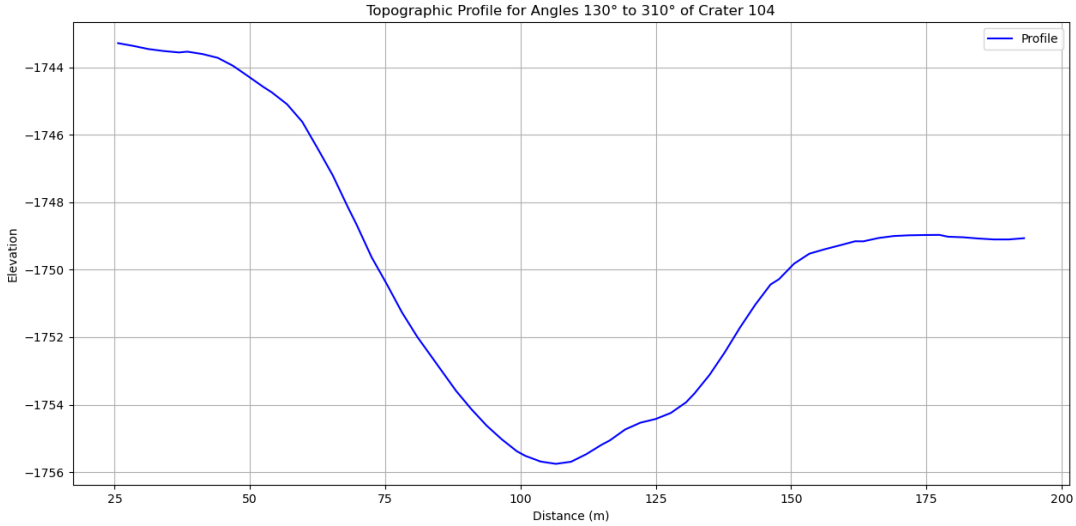
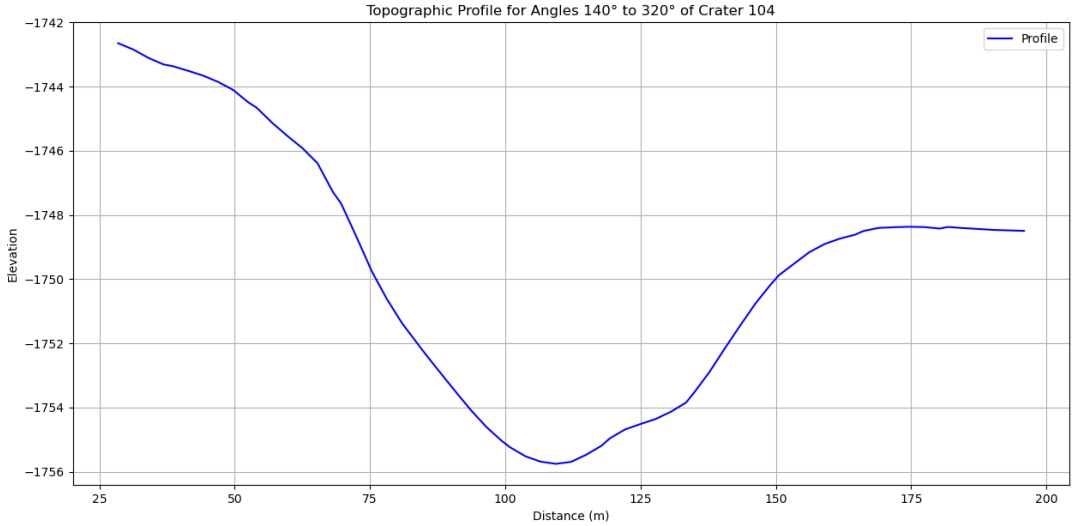
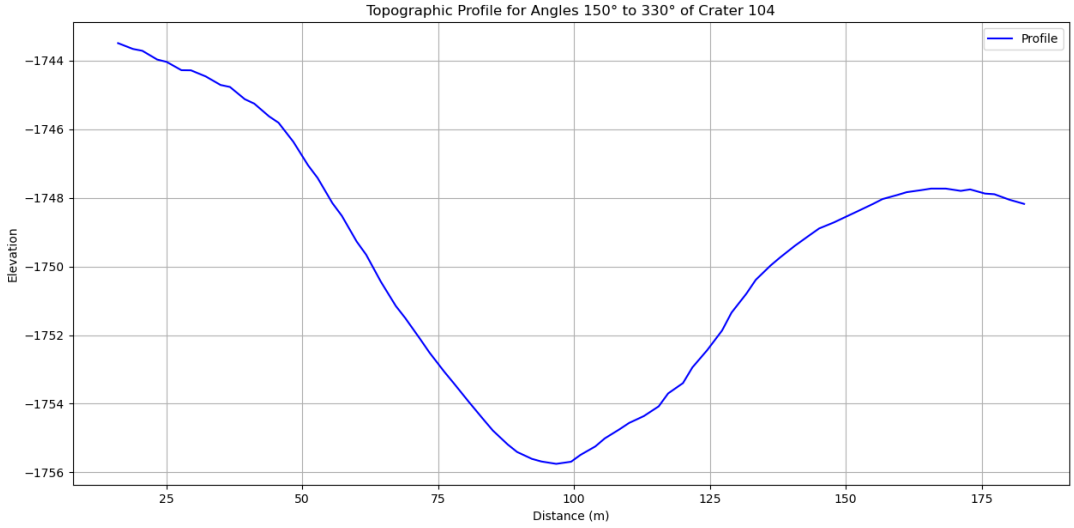
−1746
−1748
−1750
−1752
−1754
−1756
25
50
75
100
125
150
175


Topographic Profile for Angles 130° to 310° of Crater 104
Profile
Elevation
Distance (m)
−1744
−1746
−1748
−1750
−1752
−1754
−1756
25
50
75
100
125
150
175
200


Topographic Profile for Angles 140° to 320° of Crater 104
Profile
Elevation
Distance (m)
−1742
−1744
−1746
−1748
−1750
−1752
−1754
−1756
25
50
75
100
125
150
175
200


Topographic Profile for Angles 150° to 330° of Crater 104
Profile
Elevation
Distance (m)
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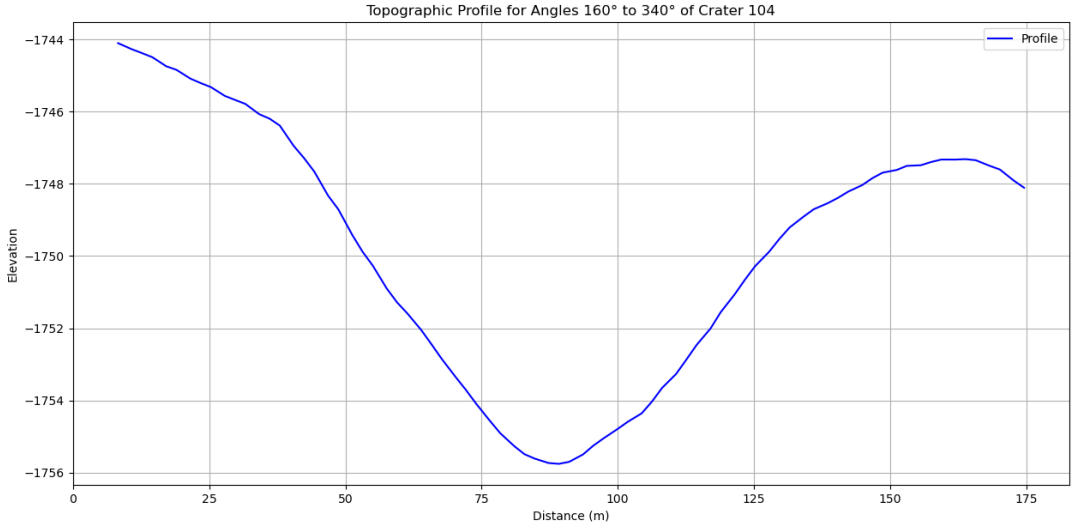
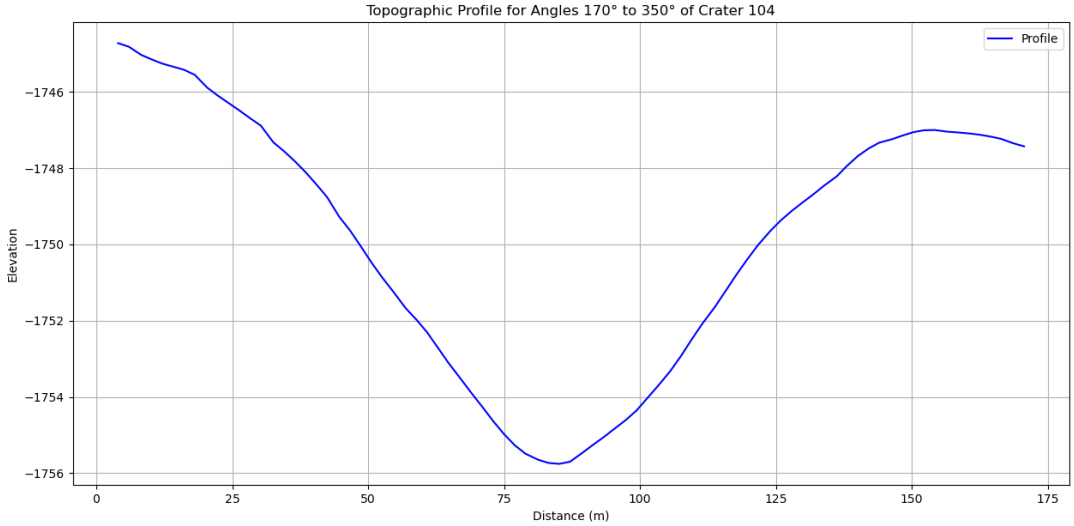
−1746
−1748
−1750
−1752
−1754
−1756
25
50
75
100
125
150
175


Topographic Profile for Angles 160° to 340° of Crater 104
Profile
Elevation
Distance (m)
−1744
−1746
−1748
−1750
−1752
−1754
−1756
0
25
50
75
100
125
150
175


Topographic Profile for Angles 170° to 350° of Crater 104
Profile
Elevation
−1746
−1748
−1750
−1752
−1754
−1756
0
25
50
75
100
125
150
175
Distance (m)