Crater report 104 of RG2

General information

ID : 104

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : Unknown

Mean Diameter : 150m ± 9.0m

Mean depht : 9.0m ± 0.6m

d/D ratio : 0.06 ± 0.005

Circularity index : 0.9

Slope : Between 4.67° et 15.19°

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)

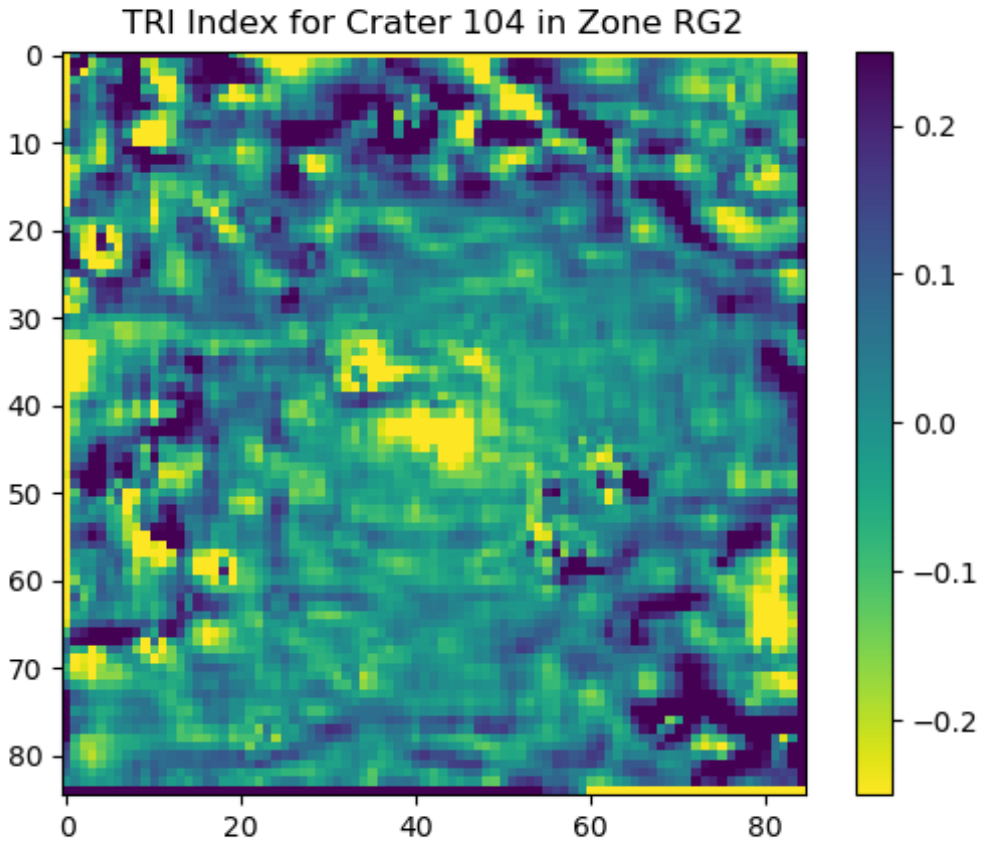
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	10.41	0.57
10°	9.9	0.54
20°	9.83	0.51
30°	9.81	0.47
40°	10.67	0.44
50°	10.71	0.44
60°	10.2	0.48
70°	10.38	0.51
80°	11.27	0.55
90°	12.55	0.57
100°	13.63	0.54
110°	14.14	0.5

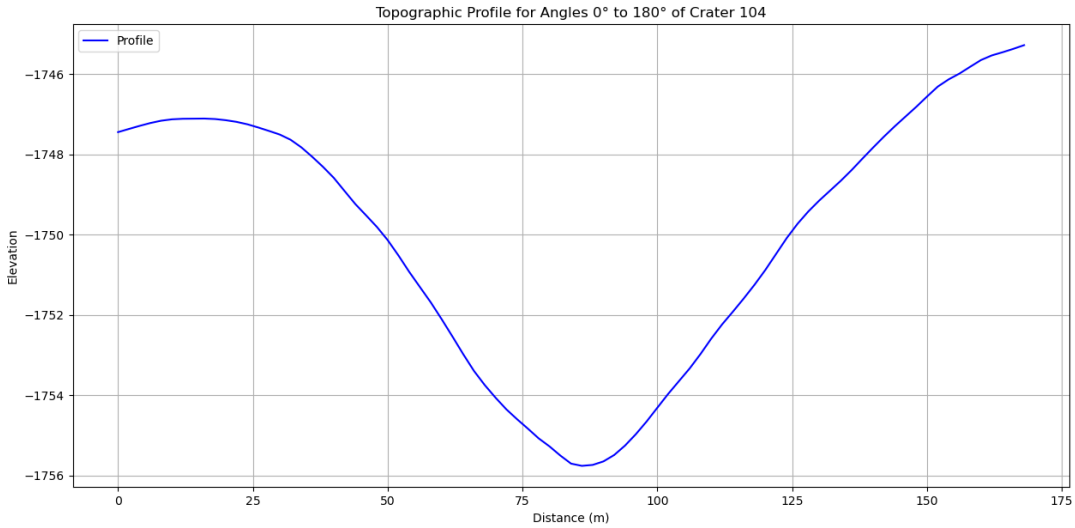
120°	14.12	0.48
130°	15.19	0.44
140°	13.36	0.43
150°	12.11	0.48
160°	11.17	0.51
170°	9.73	0.55
180°	9.09	0.57
190°	7.97	0.55
200°	6.75	0.52
210°	5.94	0.48
220°	5.54	0.43
230°	4.97	0.44
240°	4.67	0.48
250°	5.17	0.51
260°	5.89	0.54
270°	7.29	0.57
280°	7.33	0.53
290°	7.43	0.51
300°	7.66	0.48
310°	9.58	0.44
320°	10.5	0.44
330°	10.02	0.48
340°	9.88	0.51
350°	9.46	0.54

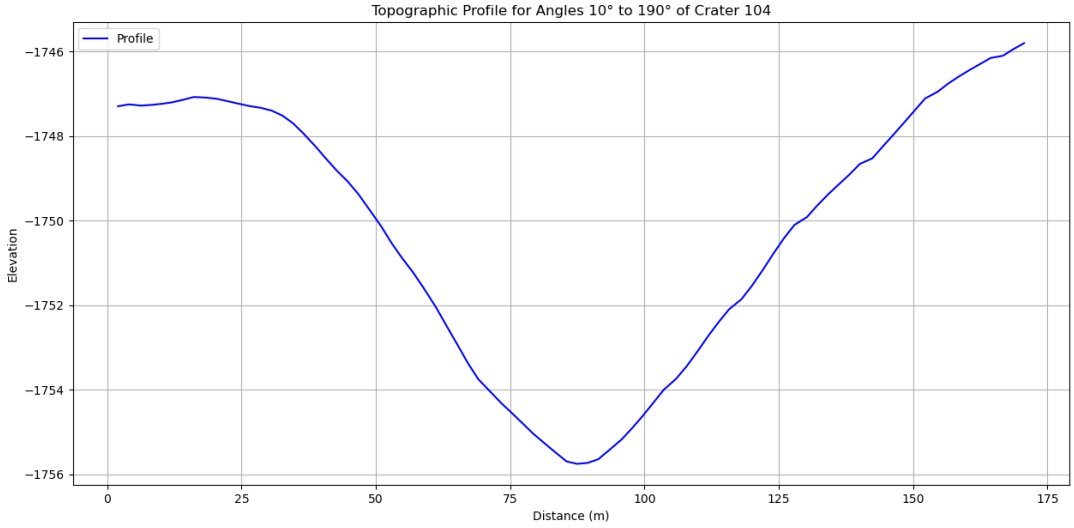
Topographic roughness index (TRI)

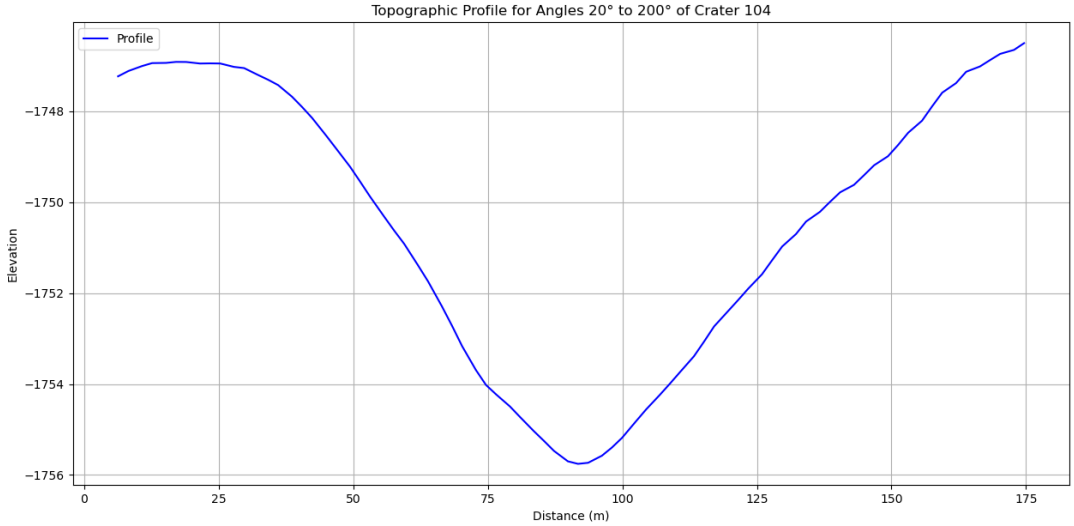
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

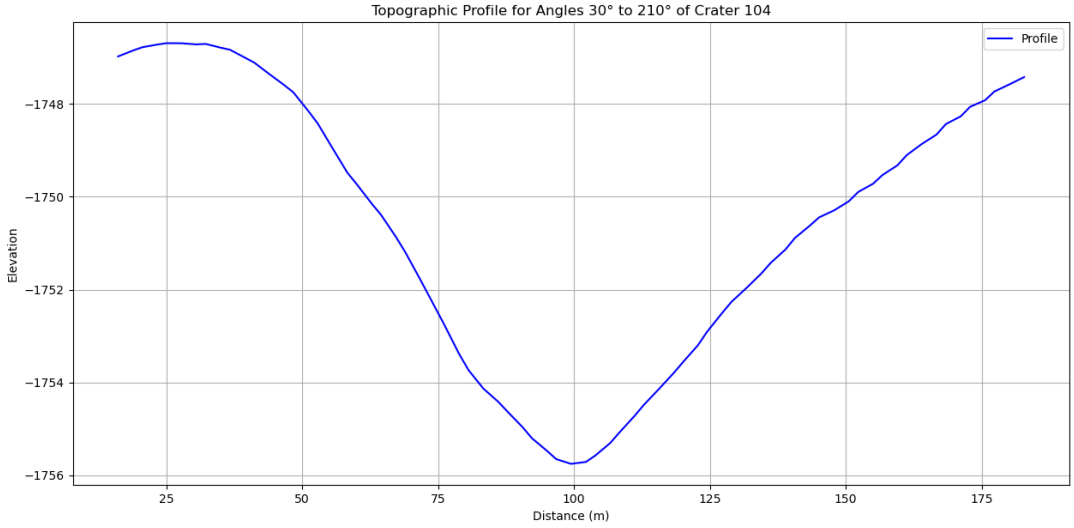


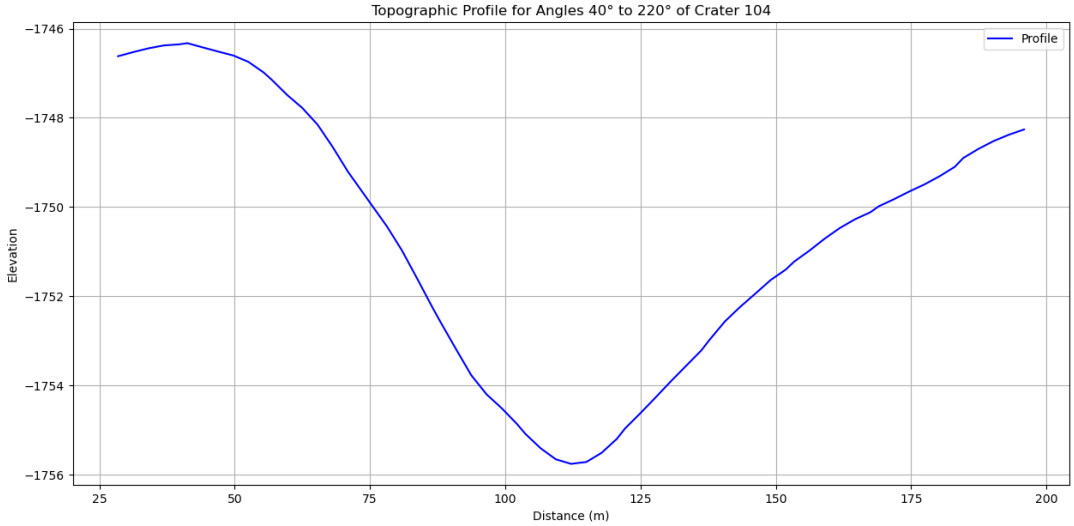
Topographic profiles

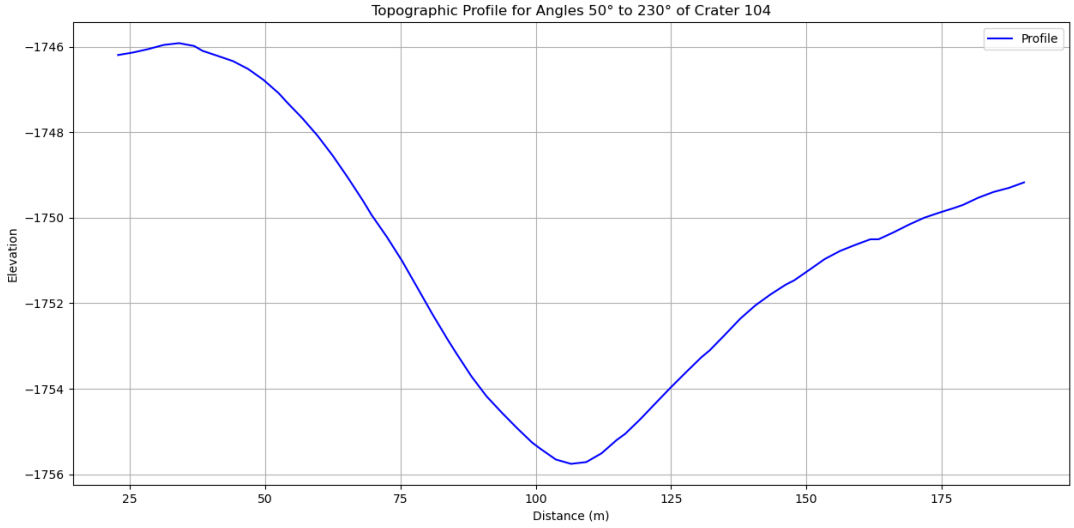


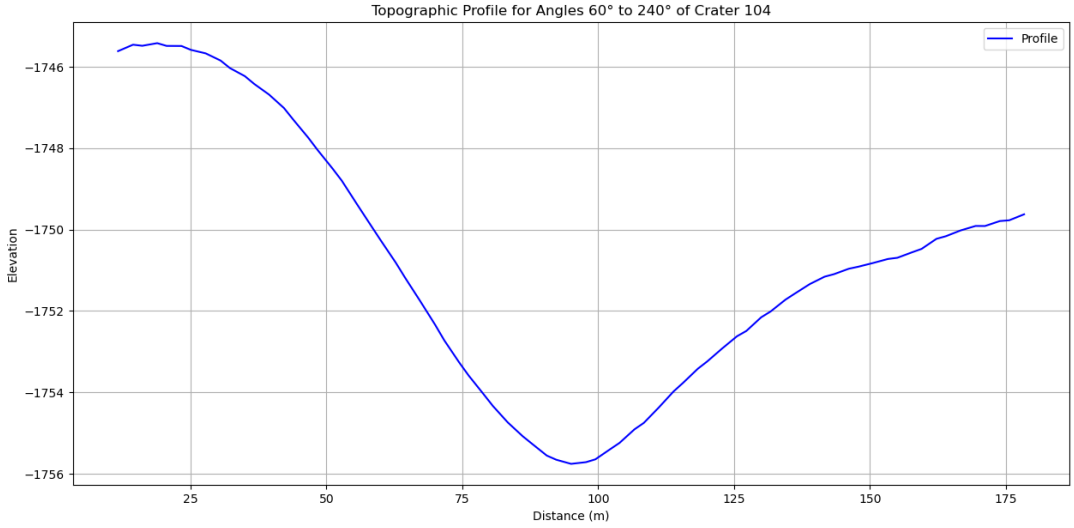

Topographic Profile for Angles 10° to 190° of Crater 104
Profile
Elevation
Distance (m)
−1746
−1748
−1750
−1752
−1754
−1756
0
25
50
75
100
125
150
175

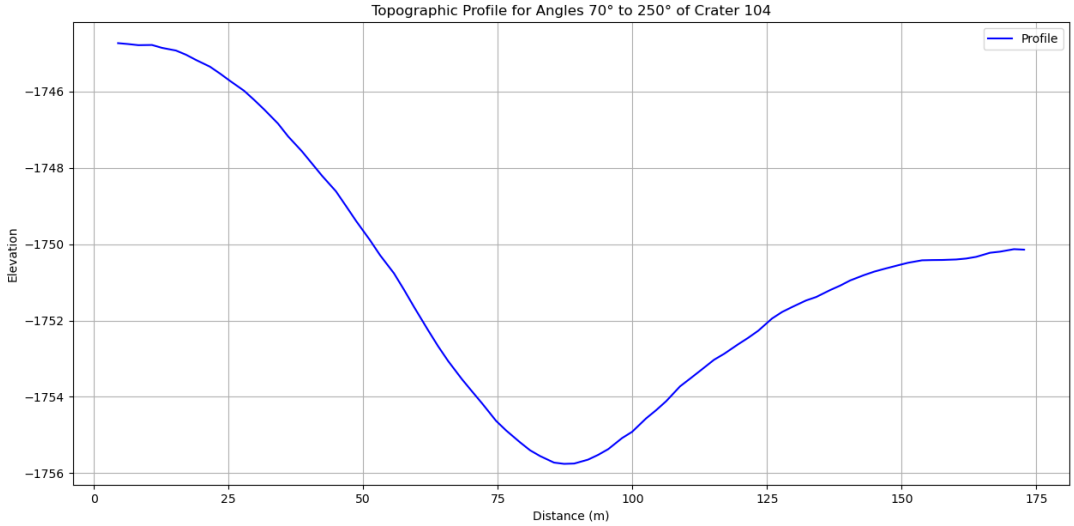

Topographic Profile for Angles 20° to 200° of Crater 104
Profile
Elevation
Distance (m)
−1748
−1750
−1752
−1754
−1756
0
25
50
75
100
125
150
175

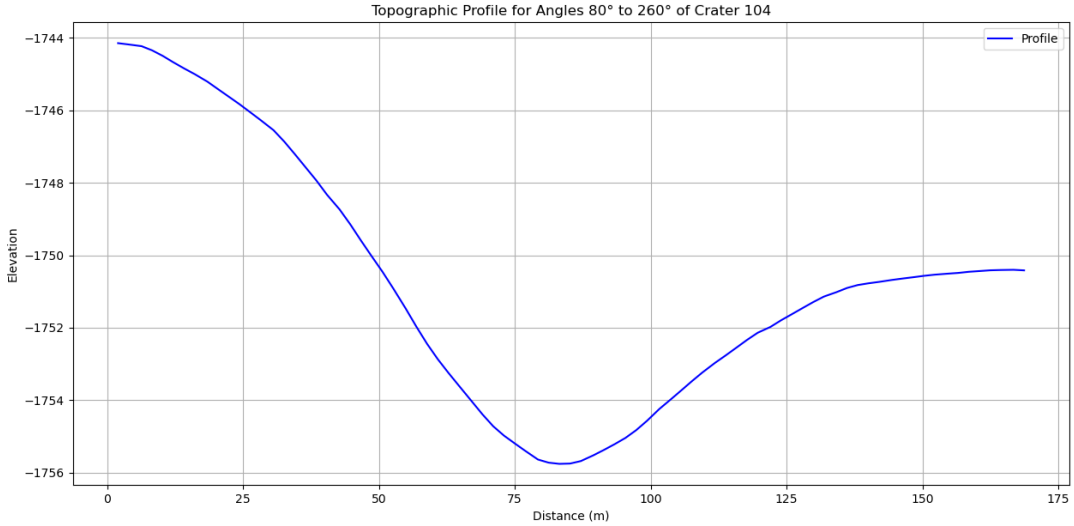

Topographic Profile for Angles 30° to 210° of Crater 104
Profile
Elevation
−1748
−1750
−1752
−1754
−1756
25
50
75
100
125
150
175
Distance (m)

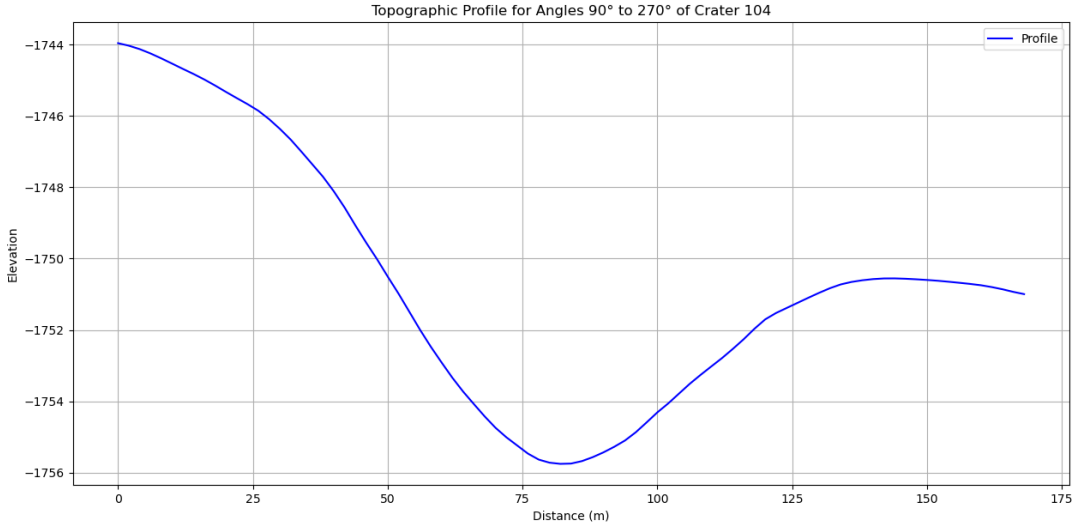

Topographic Profile for Angles 40° to 220° of Crater 104
Profile
Elevation
−1746
−1748
−1750
−1752
−1754
−1756
25
50
75
100
125
150
175
200
Distance (m)

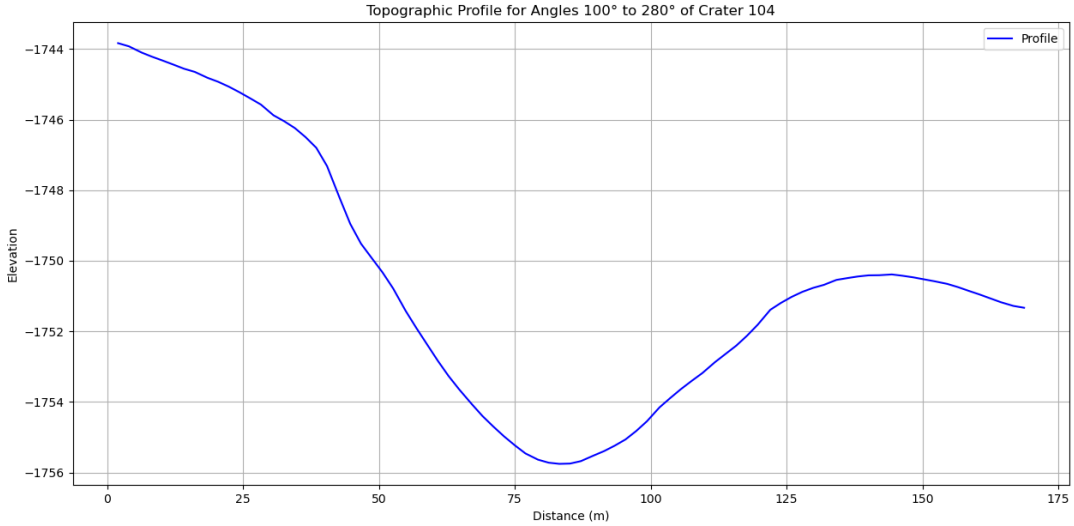

Topographic Profile for Angles 50° to 230° of Crater 104
Profile
Elevation
−1746
−1748
−1750
−1752
−1754
−1756
25
50
75
100
125
150
175
Distance (m)

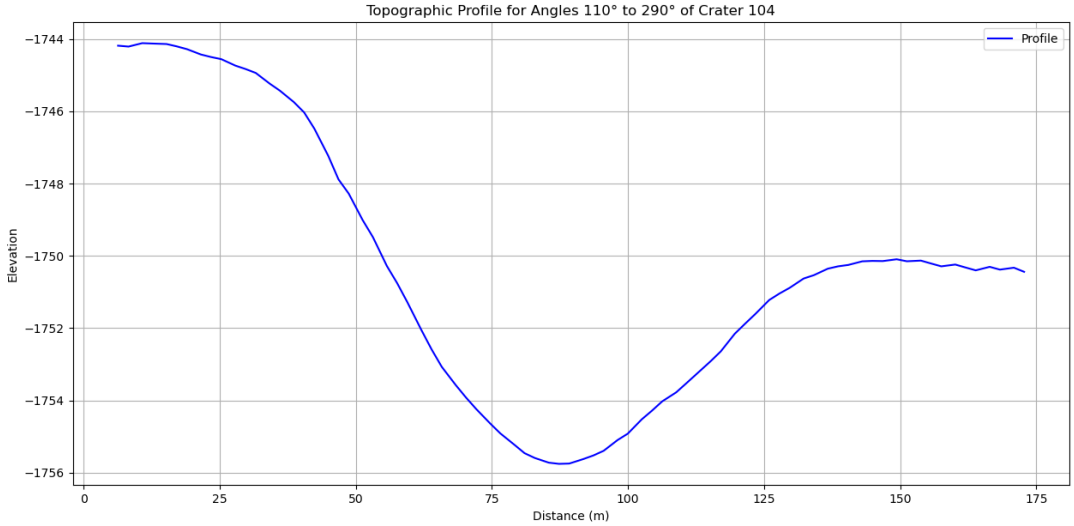

Topographic Profile for Angles 60° to 240° of Crater 104
Profile
Elevation
−1746
−1748
−1750
−1752
−1754
−1756
25
50
75
100
125
150
175
Distance (m)

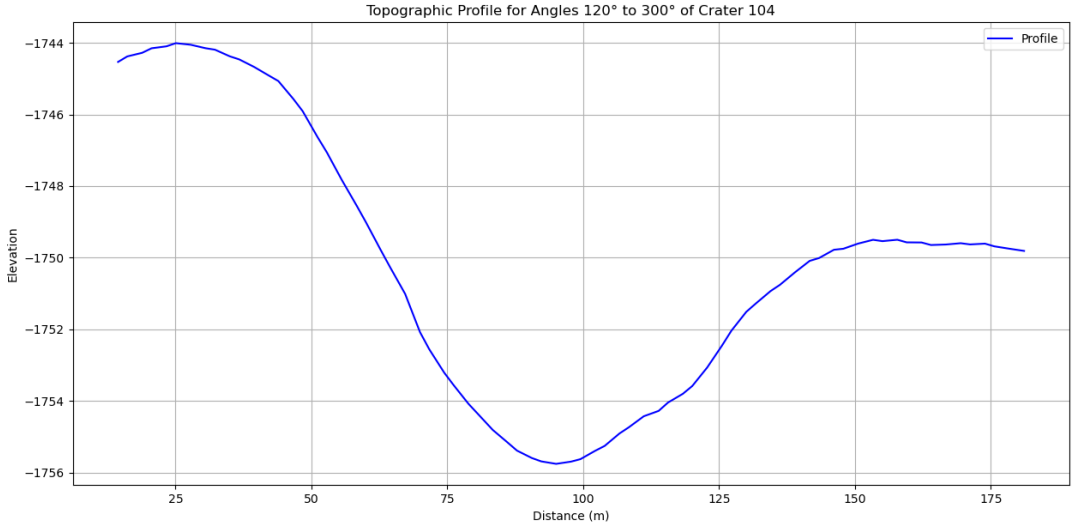

Topographic Profile for Angles 70° to 250° of Crater 104
Profile
Elevation
−1746
−1748
−1750
−1752
−1754
−1756
0
25
50
75
100
125
150
175
Distance (m)

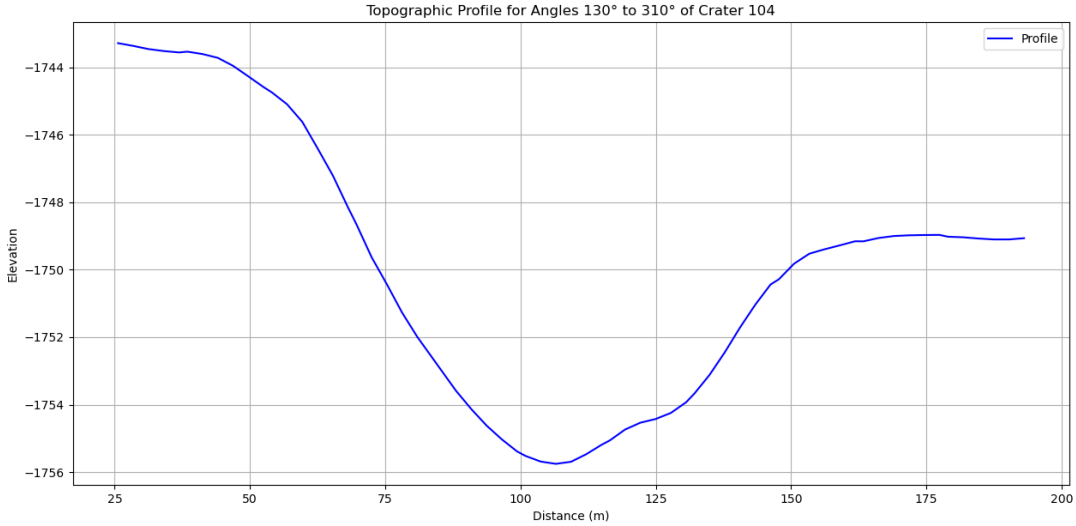

Topographic Profile for Angles 80° to 260° of Crater 104
Profile
Elevation
−1744
−1746
−1748
−1750
−1752
−1754
−1756
0
25
50
75
100
125
150
175
Distance (m)

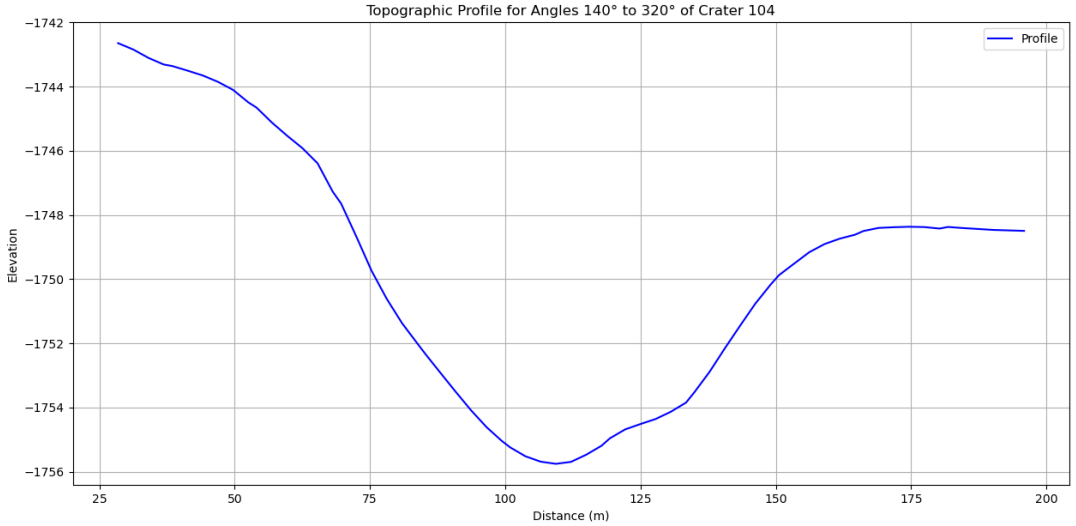

Topographic Profile for Angles 90° to 270° of Crater 104
Profile
Elevation
−1744
−1746
−1748
−1750
−1752
−1754
−1756
0
25
50
75
100
125
150
175
Distance (m)

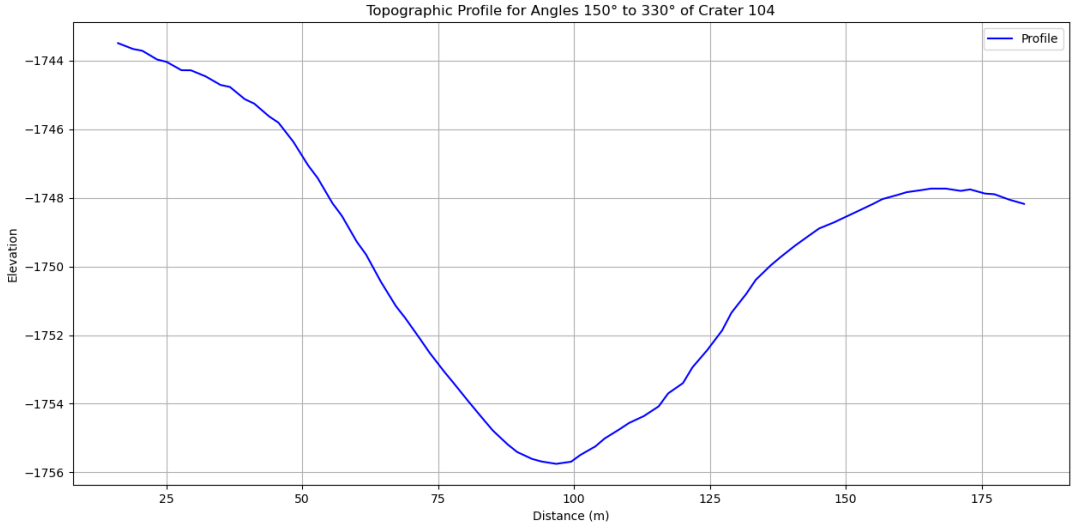

Topographic Profile for Angles 100° to 280° of Crater 104
Profile
Elevation
−1744
−1746
−1748
−1750
−1752
−1754
−1756
0
25
50
75
100
125
150
175
Distance (m)

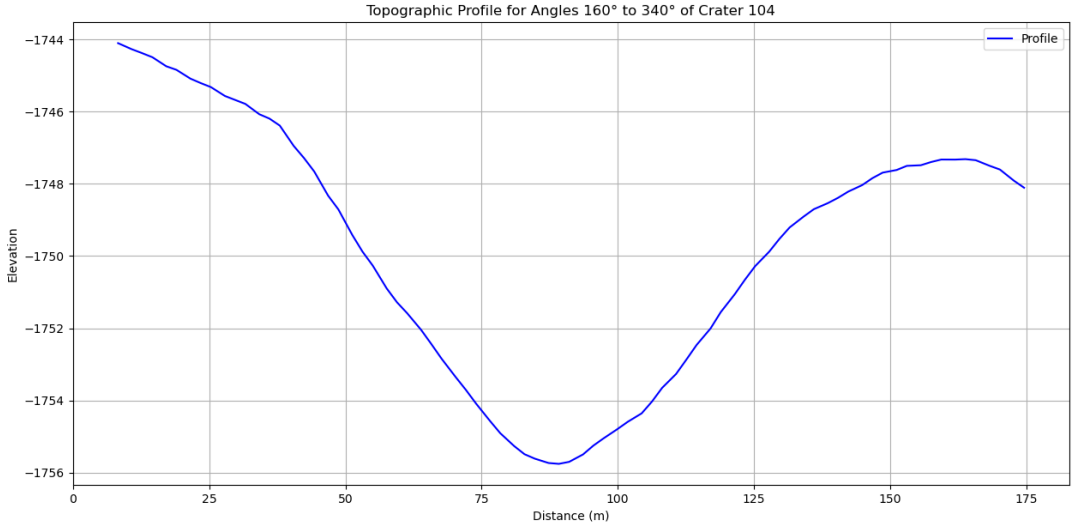

Topographic Profile for Angles 110° to 290° of Crater 104
Profile
Elevation
Distance (m)
−1744
−1746
−1748
−1750
−1752
−1754
−1756
0
25
50
75
100
125
150
175

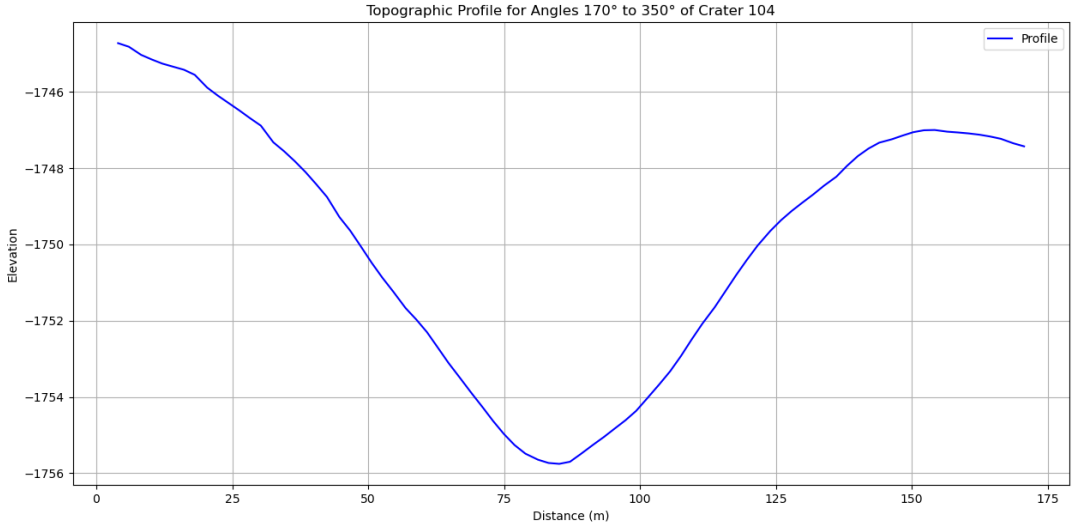

Topographic Profile for Angles 120° to 300° of Crater 104
Profile
Elevation
Distance (m)
−1744
−1746
−1748
−1750
−1752
−1754
−1756
25
50
75
100
125
150
175


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)
−1744
−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)