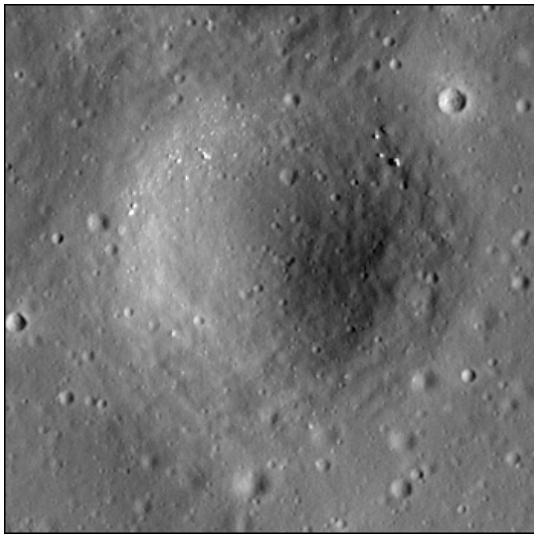
Crater report 233 of RG2

General information



ID : 233

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 157m ± 8.0m

Mean depht : 10.6m ± 0.4m

d/D ratio : 0.067 ± 0.004

Circularity index : 0.92

Slope : Between 9.38° et 12.08°

Mean value of TRI on the rim crest : 0.44

Geometric center coordinates : (3656892.847023541, 233396.7042120541)

Coordinates of the crater's lowest point : (3656887.0000011004, 233397.0000000689)

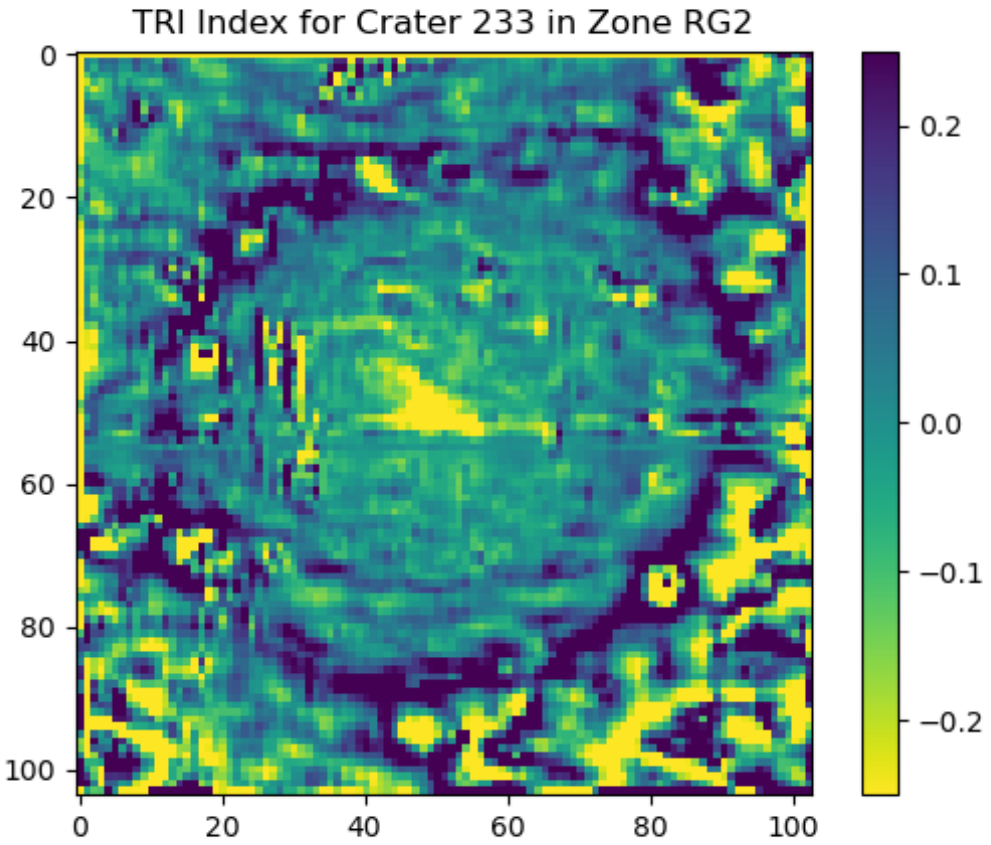
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	9.87	0.57
10°	9.53	0.54
20°	9.75	0.52
30°	9.75	0.48
40°	10.24	0.44
50°	10.65	0.44
60°	9.6	0.48
70°	9.97	0.51
80°	10.37	0.54
90°	11.16	0.57
100°	11.45	0.54
110°	11.19	0.51

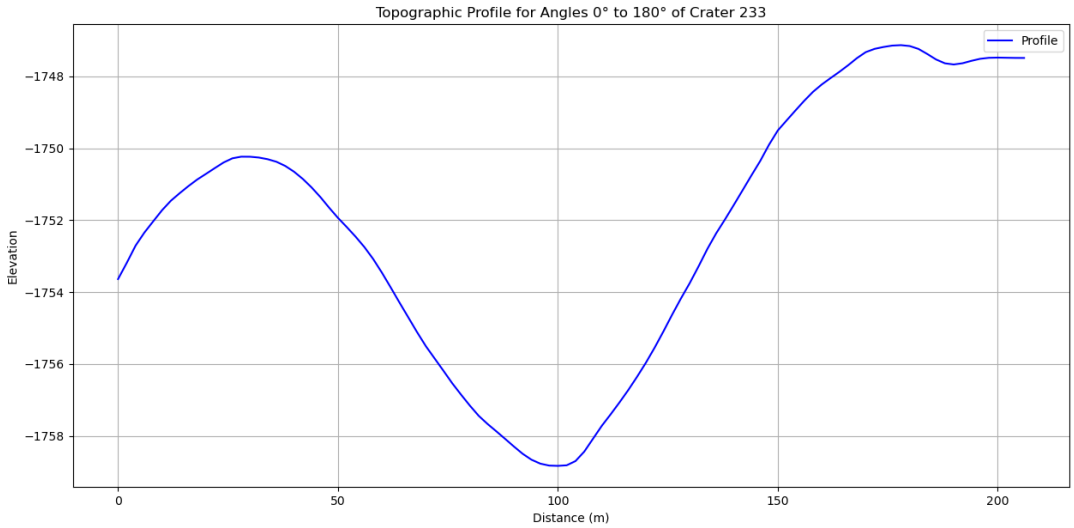
120°	11.01	0.48
130°	11.58	0.43
140°	11.58	0.43
150°	11.16	0.48
160°	11.02	0.51
170°	11.52	0.54
180°	12.08	0.57
190°	10.8	0.54
200°	11.0	0.51
210°	11.04	0.48
220°	11.22	0.43
230°	11.43	0.44
240°	10.73	0.47
250°	10.12	0.52
260°	10.66	0.55
270°	11.11	0.57
280°	10.39	0.55
290°	10.0	0.52
300°	9.38	0.47
310°	9.89	0.44
320°	9.94	0.44
330°	9.54	0.48
340°	9.67	0.52
350°	9.87	0.55

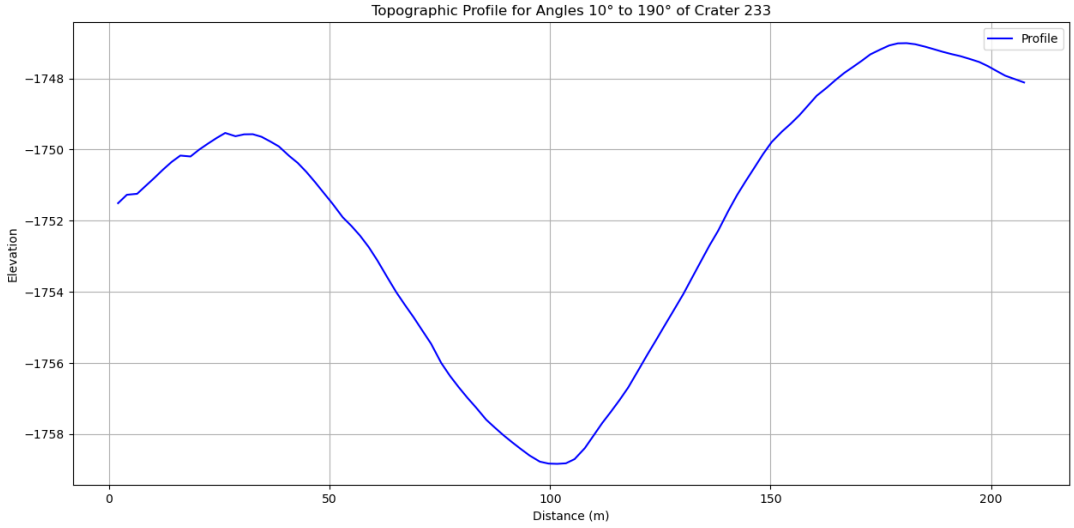
Topographic roughness index (TRI)

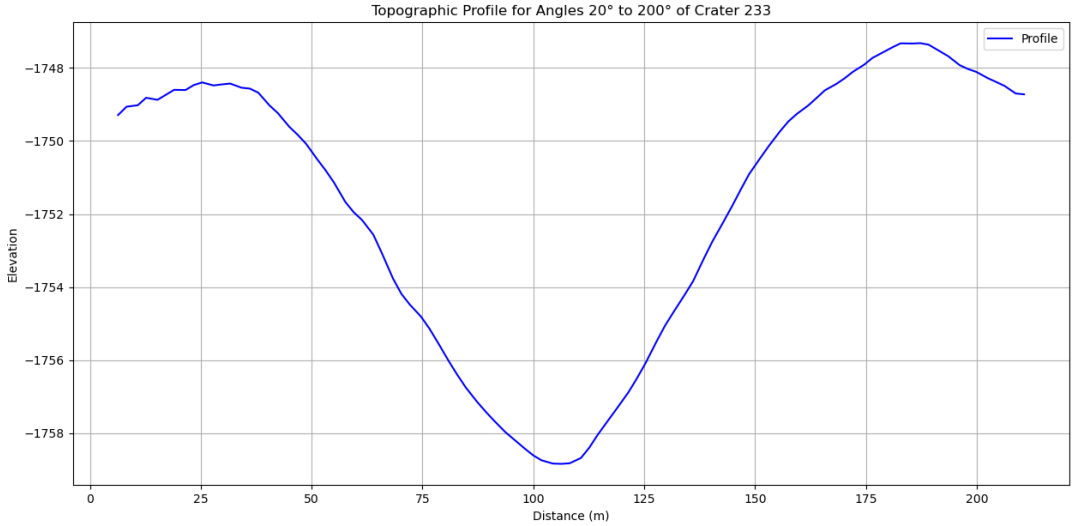
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

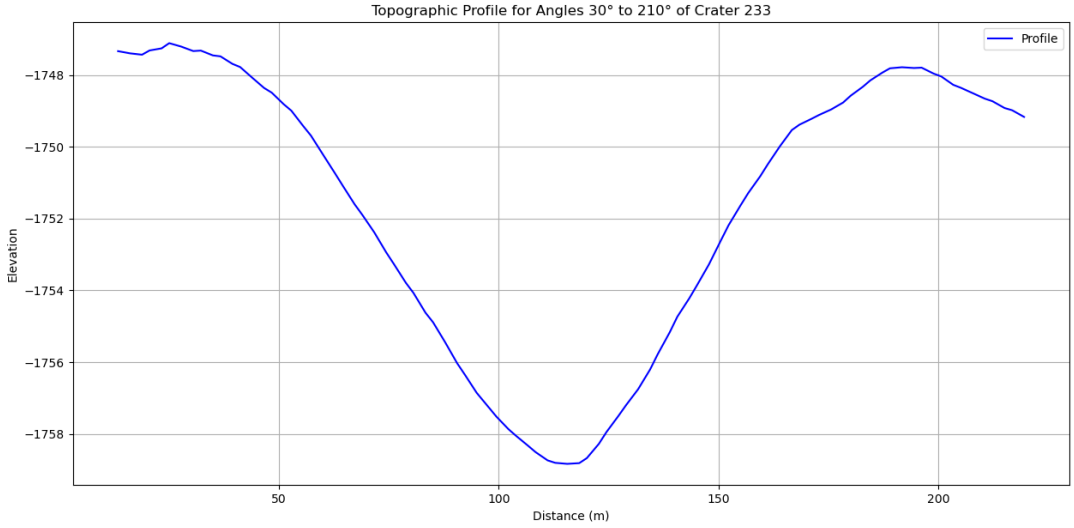


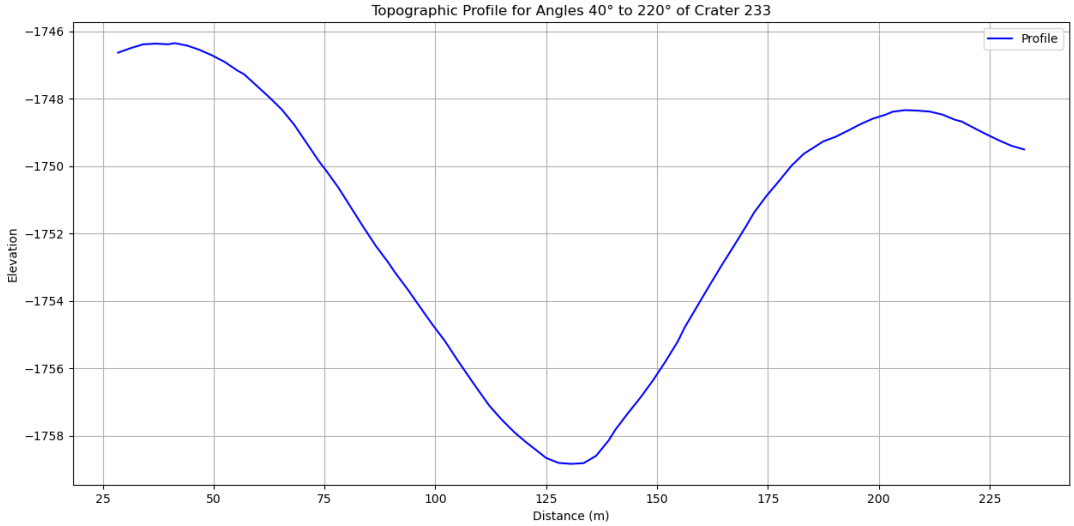
Topographic profiles

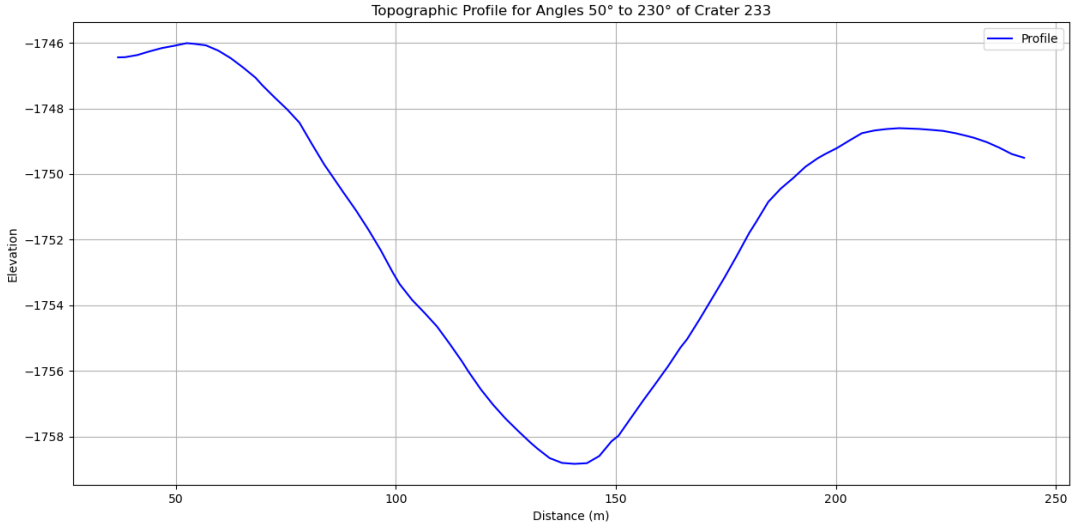


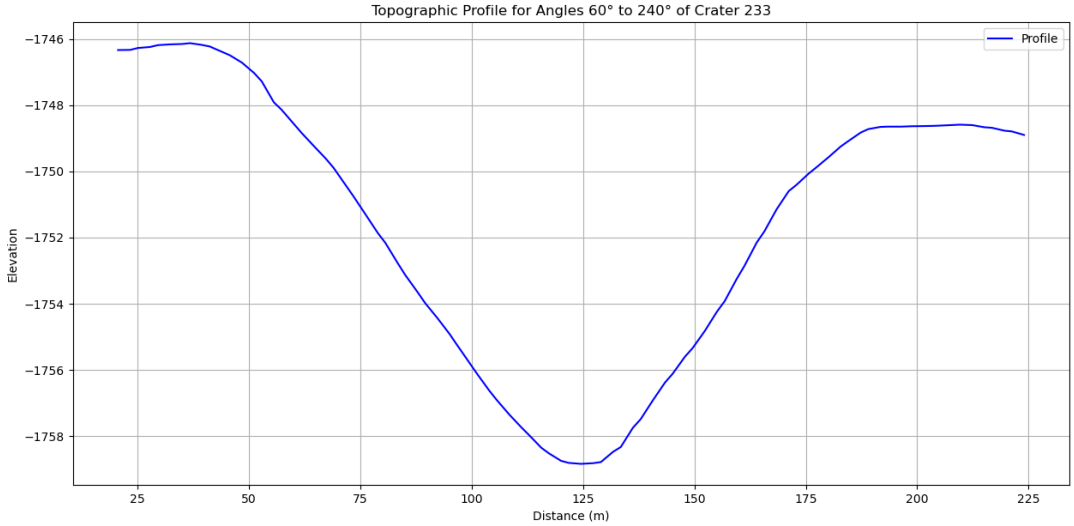

Topographic Profile for Angles 10° to 190° of Crater 233
Profile
Elevation
−1748
−1750
−1752
−1754
−1756
−1758
0
50
100
150
200
Distance (m)

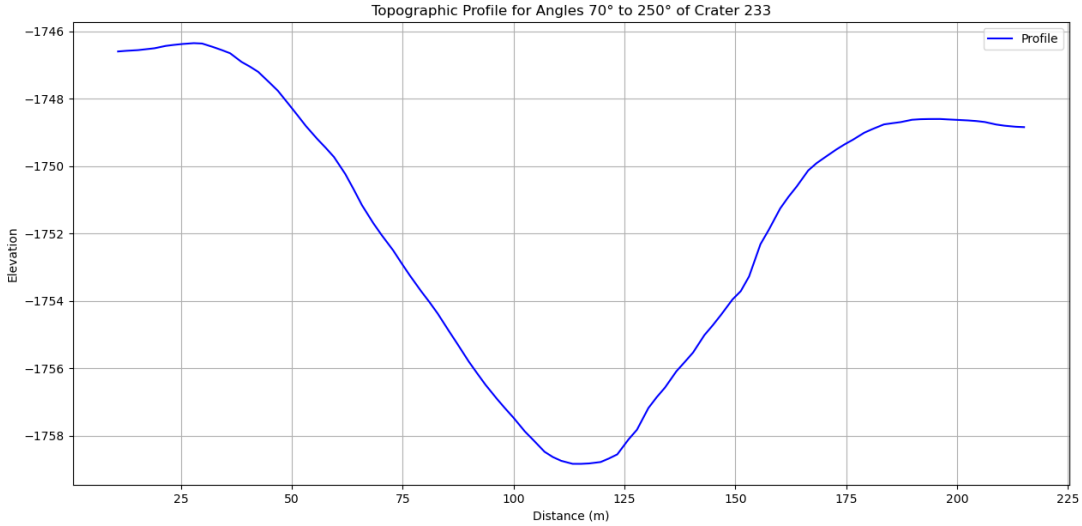

Topographic Profile for Angles 20° to 200° of Crater 233
Profile
Elevation
−1748
−1750
−1752
−1754
−1756
−1758
0
25
50
75
100
125
150
175
200
Distance (m)

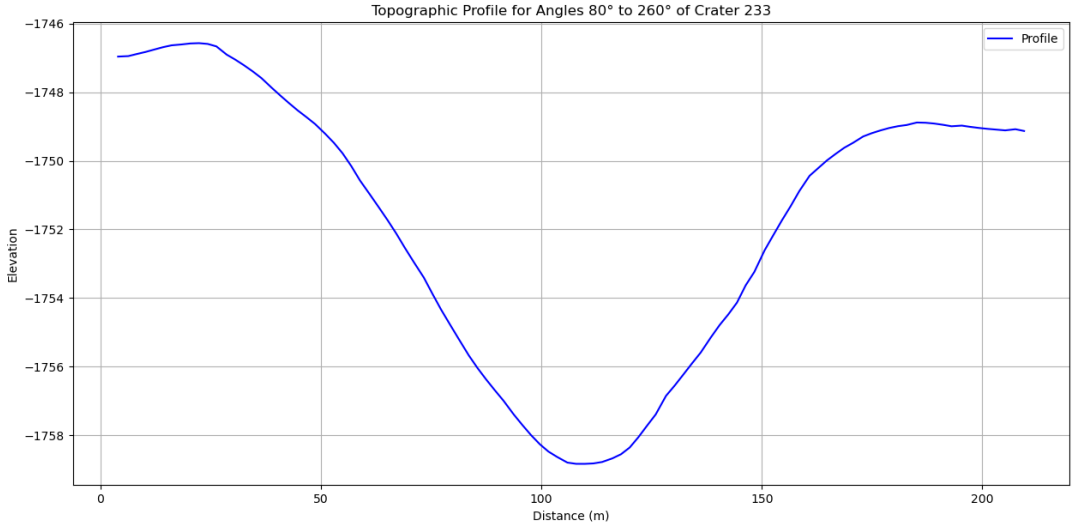

Topographic Profile for Angles 30° to 210° of Crater 233
Profile
Elevation
−1748
−1750
−1752
−1754
−1756
−1758
50
100
150
200
Distance (m)

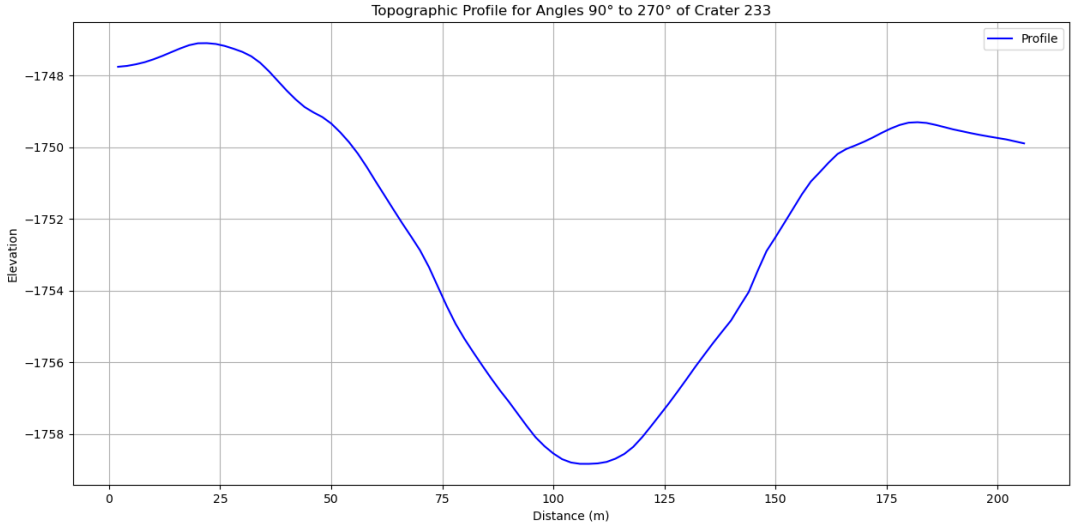

Topographic Profile for Angles 40° to 220° of Crater 233
Profile
Elevation
−1746
−1748
−1750
−1752
−1754
−1756
−1758
25
50
75
100
125
150
175
200
225
Distance (m)

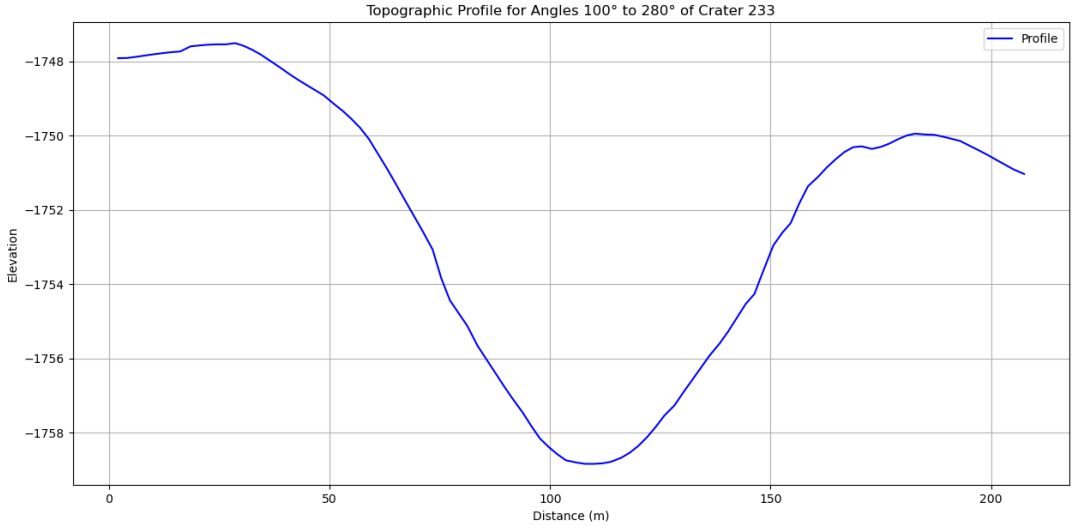

Topographic Profile for Angles 50° to 230° of Crater 233
Profile
Elevation
−1746
−1748
−1750
−1752
−1754
−1756
−1758
50
100
150
200
250
Distance (m)

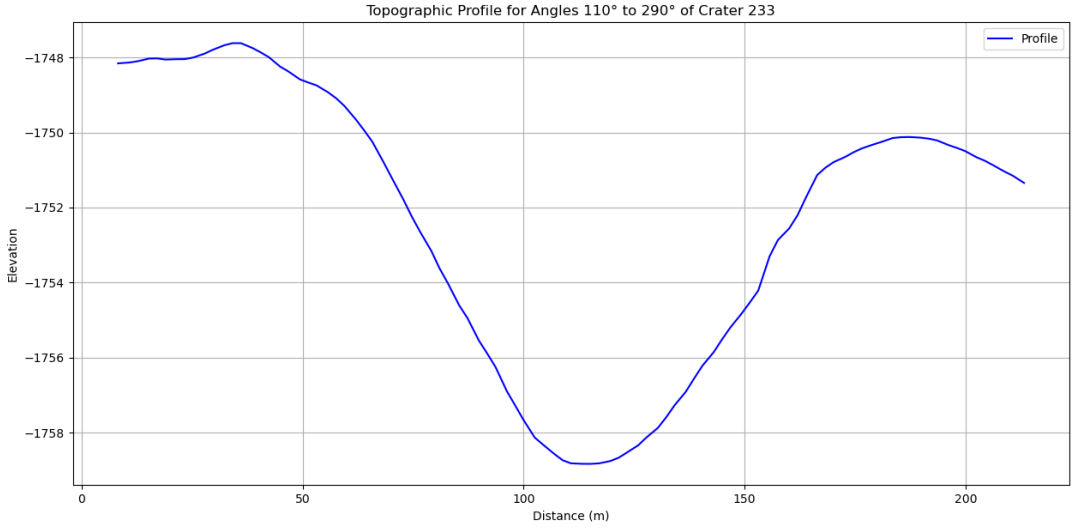

Topographic Profile for Angles 60° to 240° of Crater 233
Profile
Elevation
−1746
−1748
−1750
−1752
−1754
−1756
−1758
25
50
75
100
125
150
175
200
225
Distance (m)

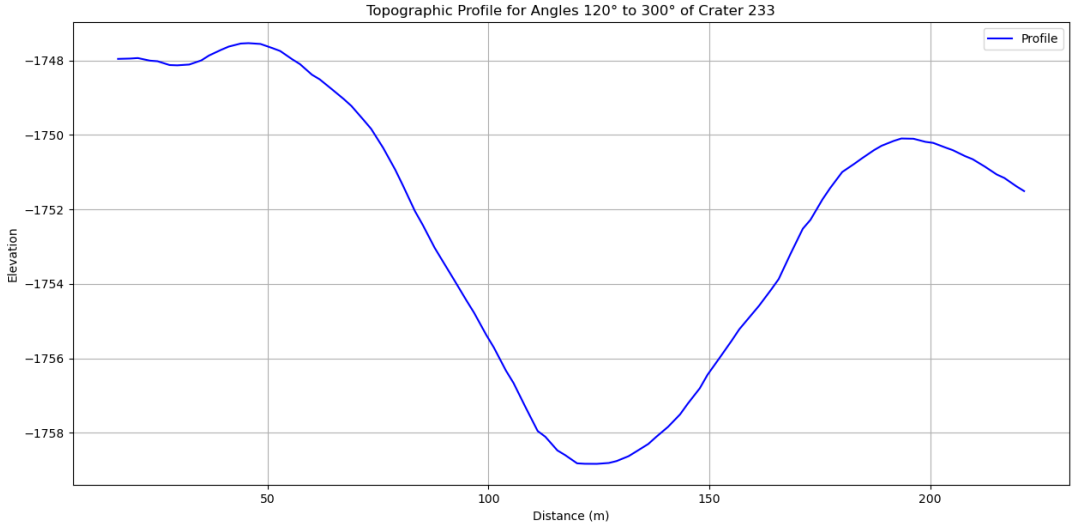

Topographic Profile for Angles 70° to 250° of Crater 233
Profile
Elevation
Distance (m)
−1746
−1748
−1750
−1752
−1754
−1756
−1758
25
50
75
100
125
150
175
200
225

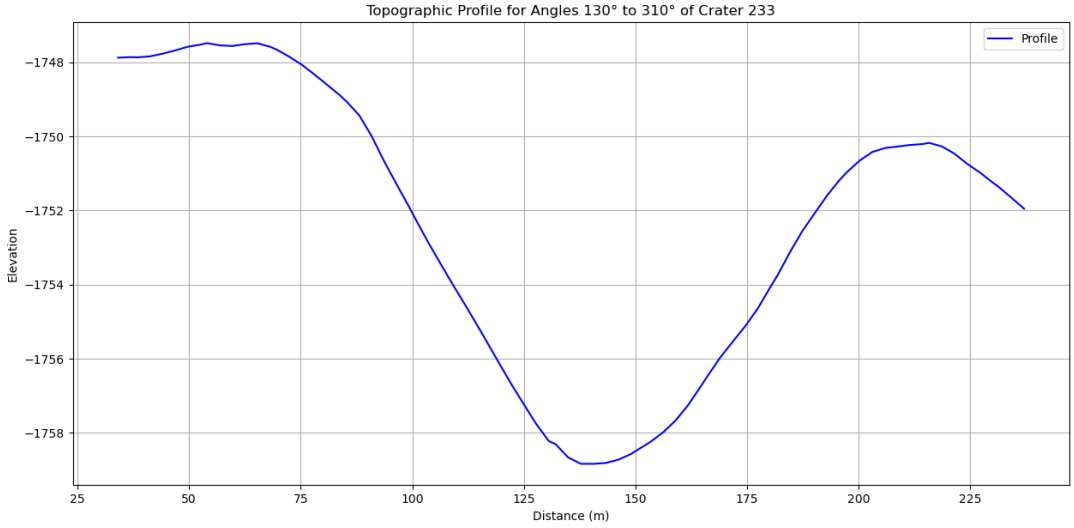

Topographic Profile for Angles 80° to 260° of Crater 233
Profile
Elevation
Distance (m)
−1746
−1748
−1750
−1752
−1754
−1756
−1758
0
50
100
150
200

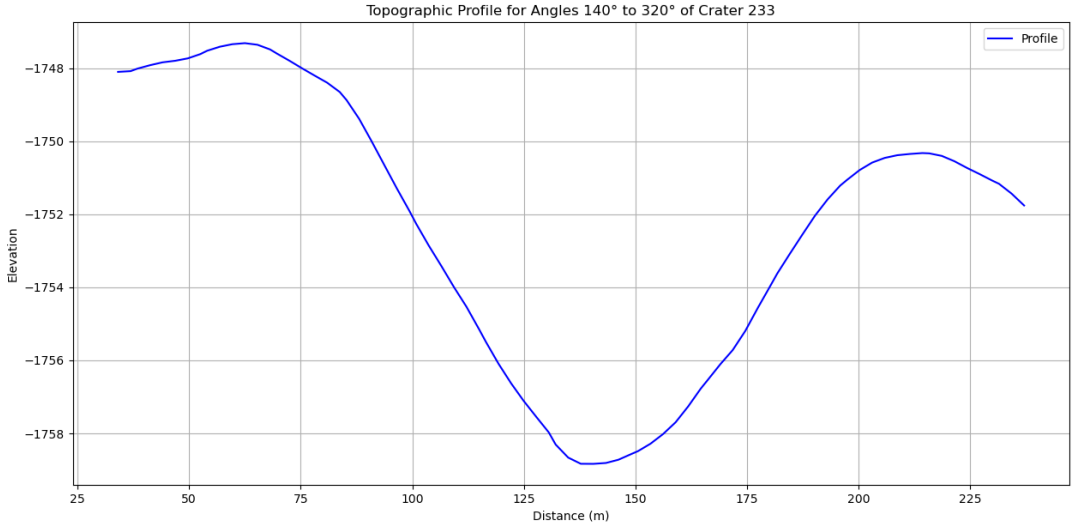

Topographic Profile for Angles 90° to 270° of Crater 233
Profile
Elevation
−1748
−1750
−1752
−1754
−1756
−1758
0
25
50
75
100
125
150
175
200
Distance (m)

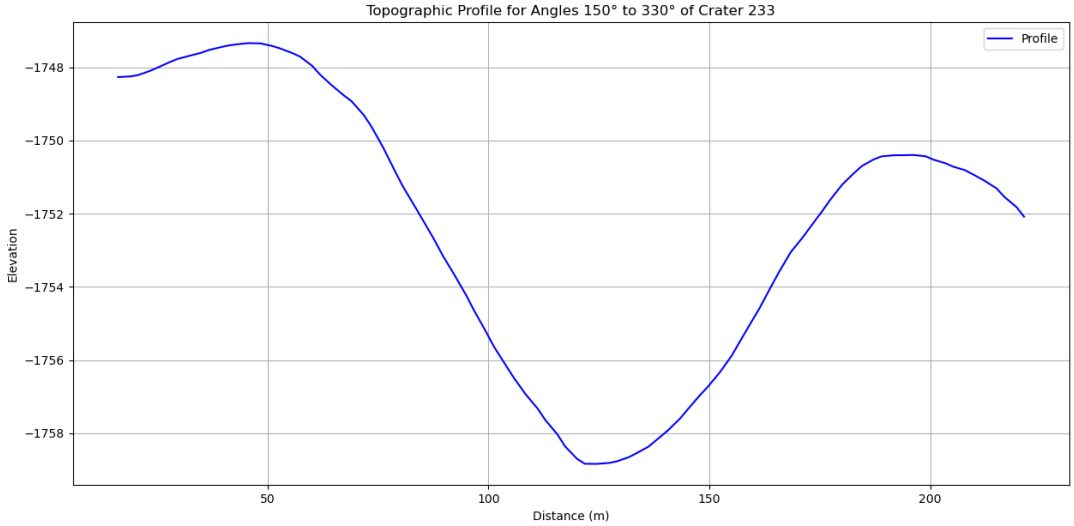

Topographic Profile for Angles 100° to 280° of Crater 233
Profile
Elevation
−1748
−1750
−1752
−1754
−1756
−1758
0
50
100
150
200
Distance (m)

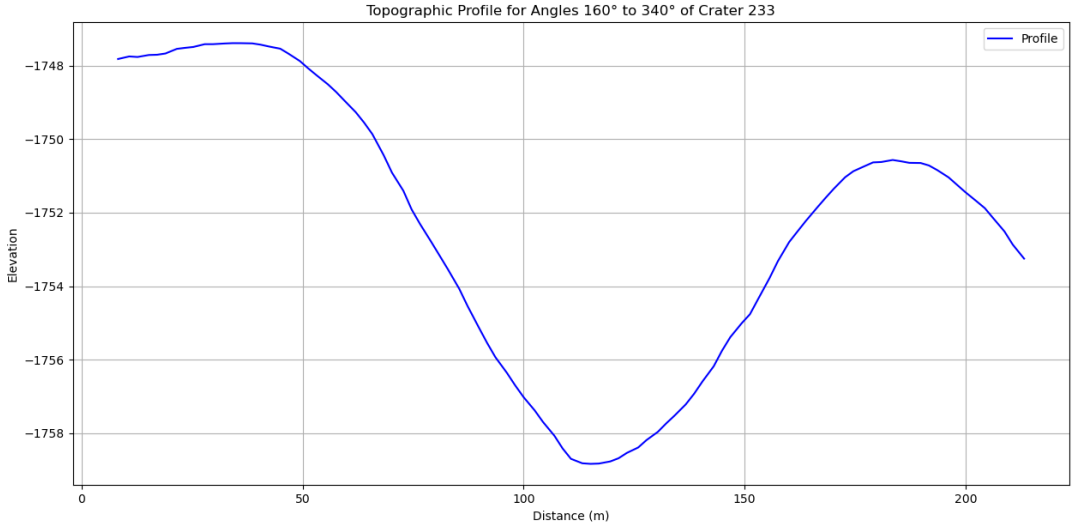

Topographic Profile for Angles 110° to 290° of Crater 233
Profile
Elevation
−1748
−1750
−1752
−1754
−1756
−1758
0
50
100
150
200
Distance (m)

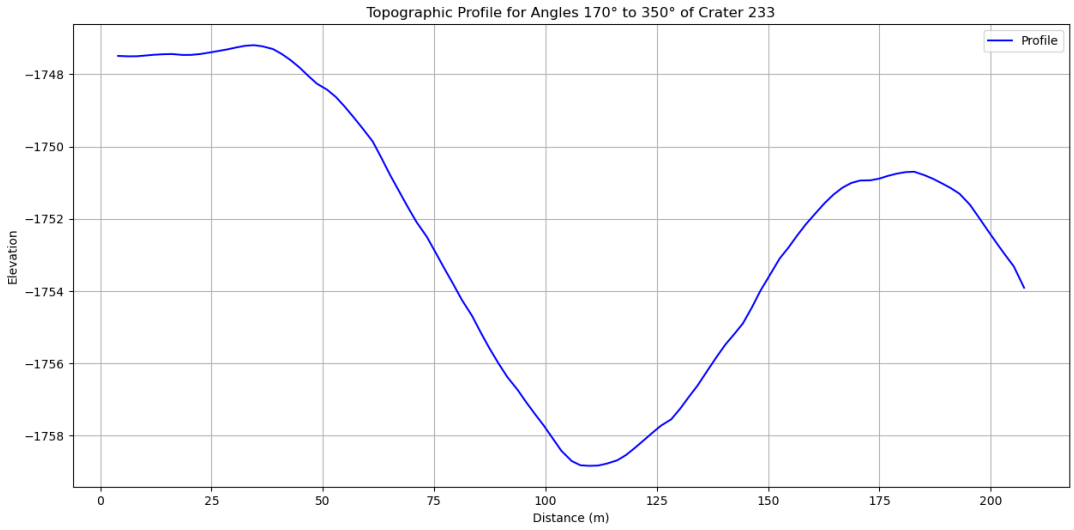

Topographic Profile for Angles 120° to 300° of Crater 233
Profile
Elevation
−1748
−1750
−1752
−1754
−1756
−1758
50
100
150
200
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 233
Profile
Elevation
−1748
−1750
−1752
−1754
−1756
−1758
25
50
75
100
125
150
175
200
225
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 233
Profile
Elevation
−1748
−1750
−1752
−1754
−1756
−1758
25
50
75
100
125
150
175
200
225
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 233
Profile
Elevation
−1748
−1750
−1752
−1754
−1756
−1758
50
100
150
200
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 233
Profile
Elevation
−1748
−1750
−1752
−1754
−1756
−1758
0
50
100
150
200
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 233
Profile
Elevation
−1748
−1750
−1752
−1754
−1756
−1758
0
25
50
75
100
125
150
175
200
Distance (m)