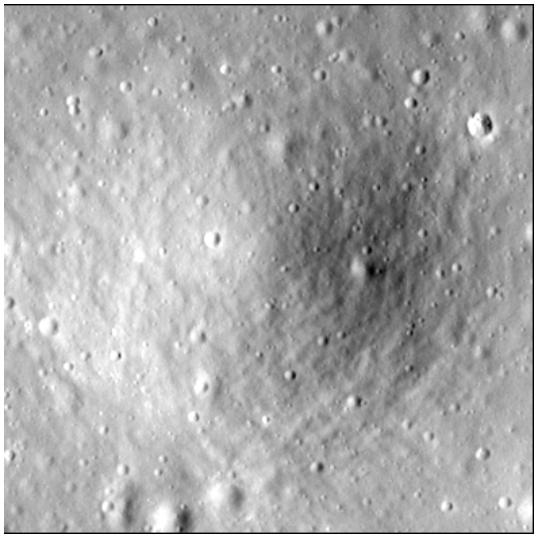
Crater report 2007 of RG2

General information



ID : 2007

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 228m ± 4.0m

Mean depht : 17.2m ± 1.0m

d/D ratio : 0.075 ± 0.005

Circularity index : 0.98

Mean slope : 9.21°

Mean value of TRI on the rim crest : 0.05

Geometric center coordinates : (3655602.3618542487, 220969.01465087567)

Coordinates of the crater's lowest point : (3655603.0000011, 220977.00000006516)

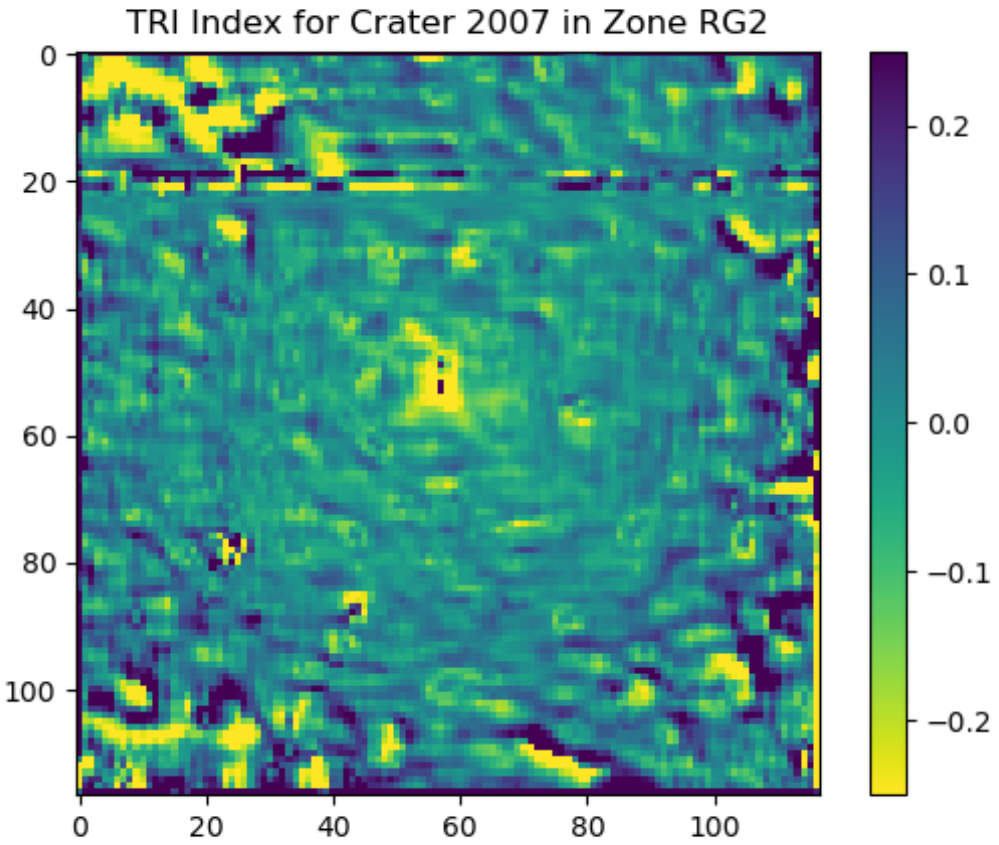
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	7.13	0.57
10°	7.18	0.54
20°	7.35	0.52
30°	7.82	0.48
40°	8.56	0.43
50°	9.07	0.43
60°	9.24	0.48
70°	9.51	0.52
80°	9.94	0.55
90°	10.44	0.57
100°	10.15	0.54
110°	9.74	0.51

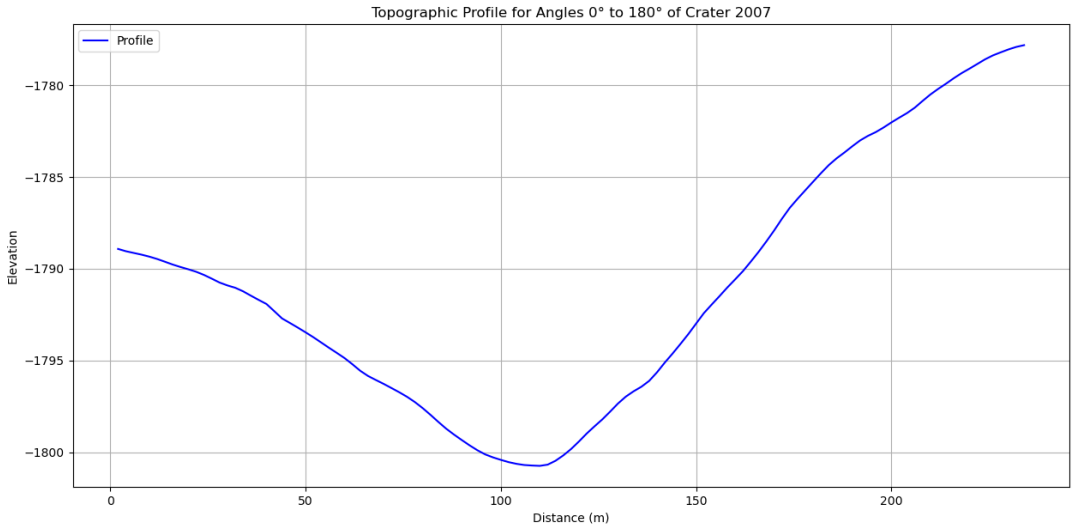
120°	9.8	0.48
130°	10.33	0.43
140°	10.97	0.43
150°	10.81	0.48
160°	11.28	0.51
170°	11.57	0.54
180°	12.04	0.57
190°	11.63	0.54
200°	11.35	0.51
210°	11.41	0.48
220°	11.85	0.43
230°	11.46	0.43
240°	10.5	0.48
250°	9.69	0.52
260°	9.34	0.55
270°	8.96	0.57
280°	8.09	0.54
290°	7.33	0.52
300°	6.75	0.48
310°	6.41	0.43
320°	6.11	0.43
330°	5.61	0.48
340°	5.77	0.52
350°	6.29	0.54

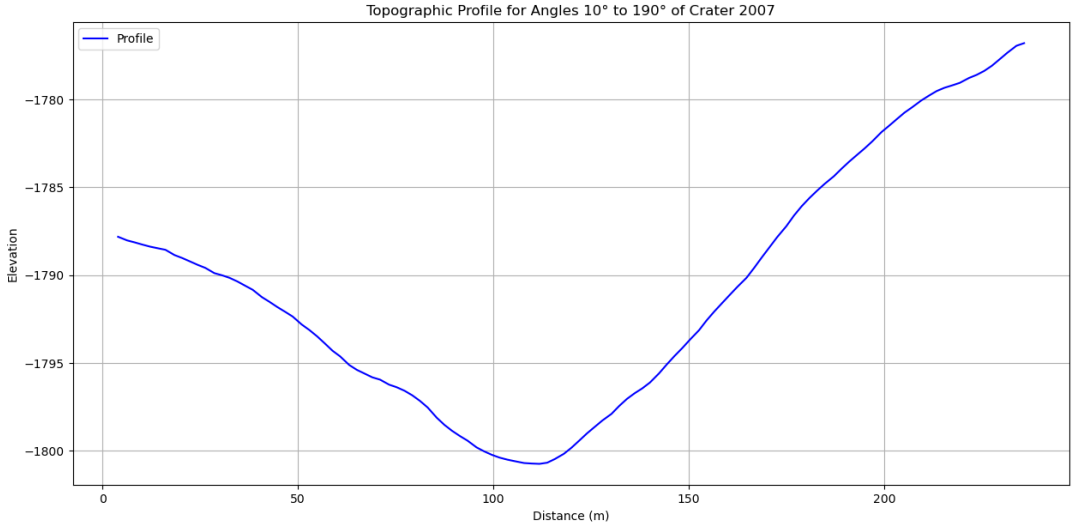
Topographic roughness index (TRI)

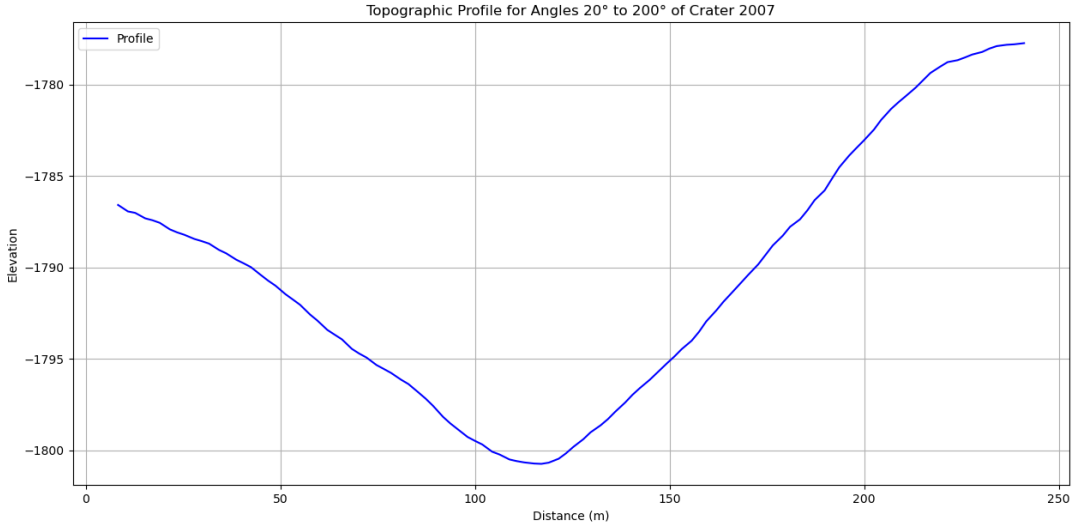
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

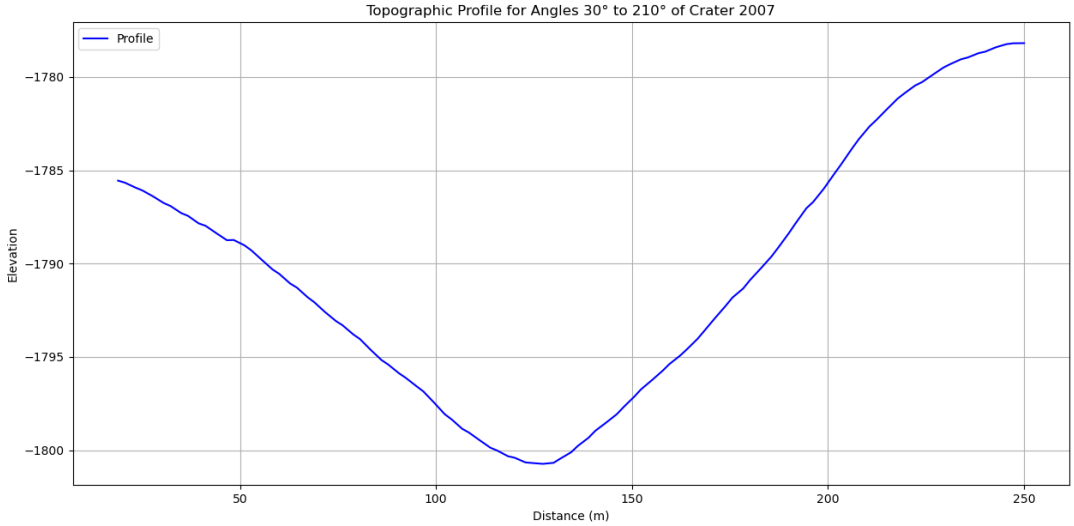


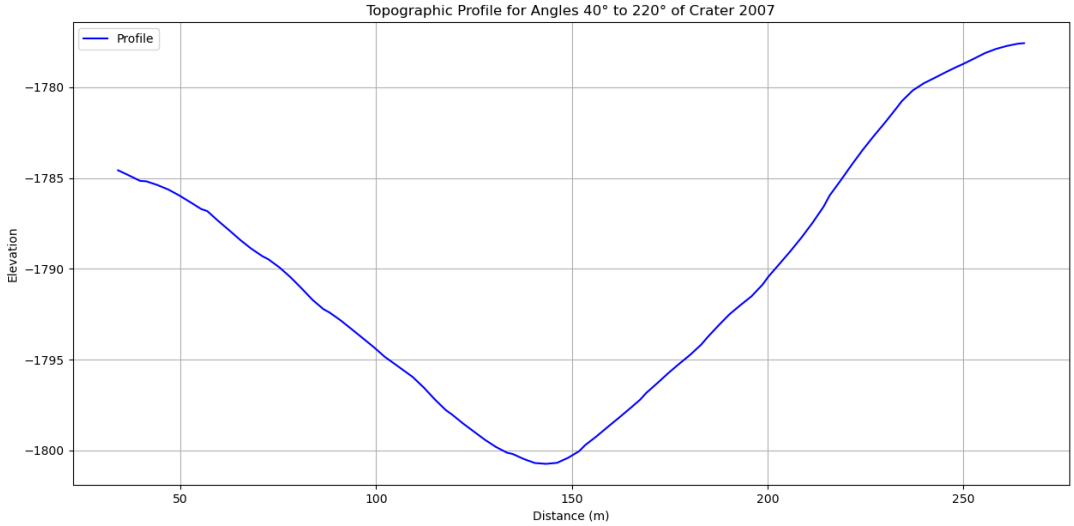
Topographic profiles

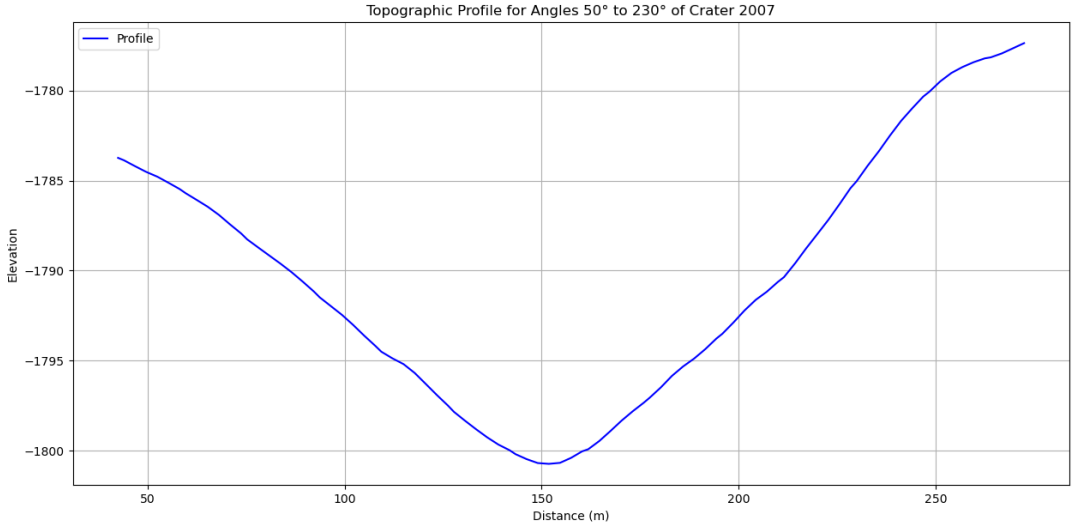


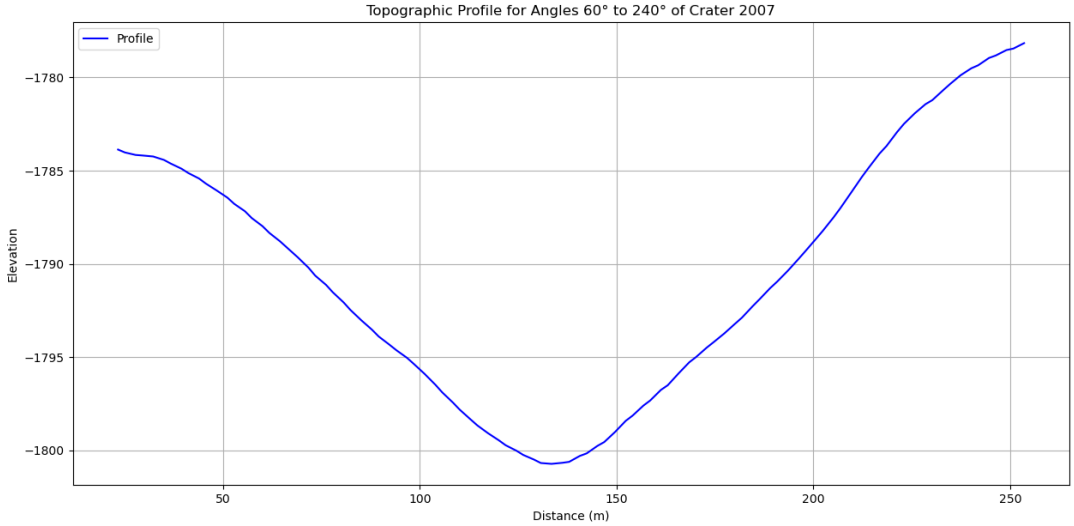

Topographic Profile for Angles 10° to 190° of Crater 2007
Profile
Elevation
−1780
−1785
−1790
−1795
−1800
0
50
100
150
200
Distance (m)

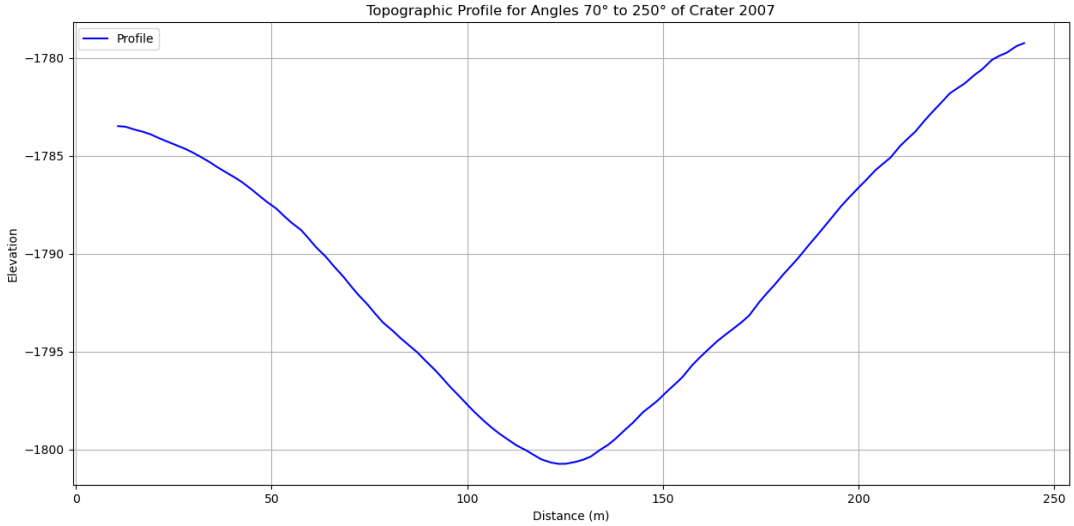

Topographic Profile for Angles 20° to 200° of Crater 2007
Profile
Elevation
−1780
−1785
−1790
−1795
−1800
0
50
100
150
200
250
Distance (m)

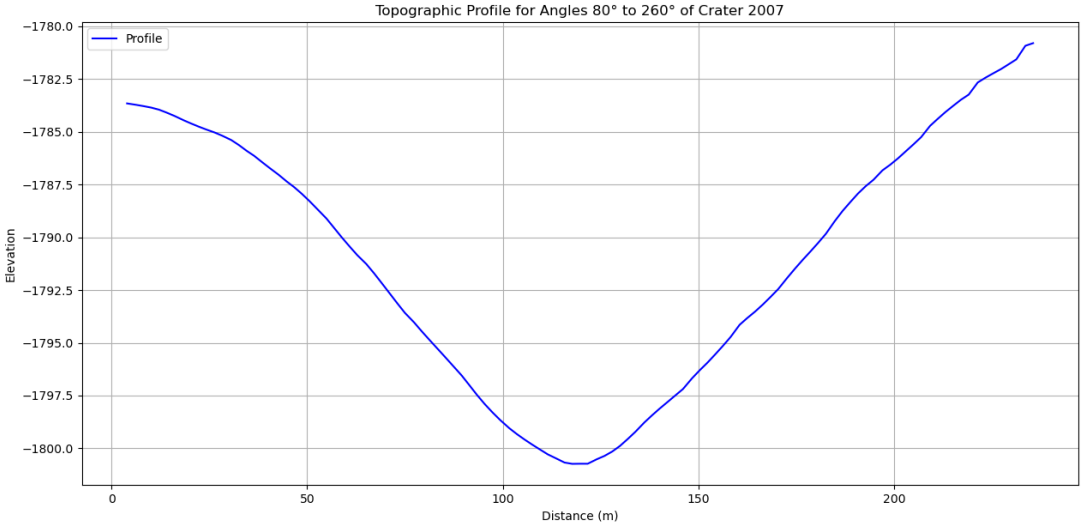

Topographic Profile for Angles 30° to 210° of Crater 2007
Profile
−1780
−1785
−1790
−1795
−1800
Elevation
50
100
150
200
250
Distance (m)

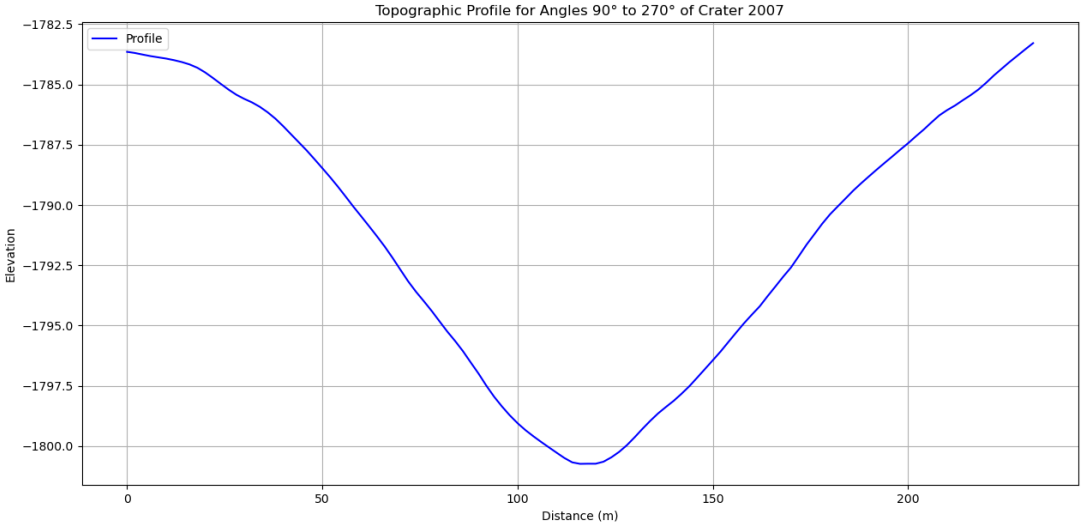

Topographic Profile for Angles 40° to 220° of Crater 2007
Profile
−1780
−1785
−1790
−1795
−1800
Elevation
50
100
150
200
250
Distance (m)

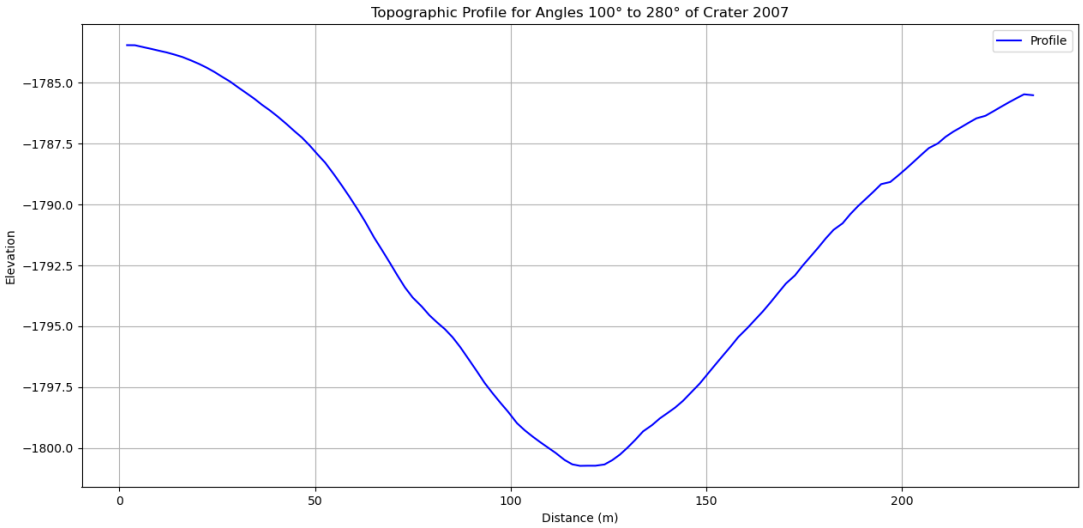

Topographic Profile for Angles 50° to 230° of Crater 2007
Profile
Elevation
−1780
−1785
−1790
−1795
−1800
50
100
150
200
250
Distance (m)

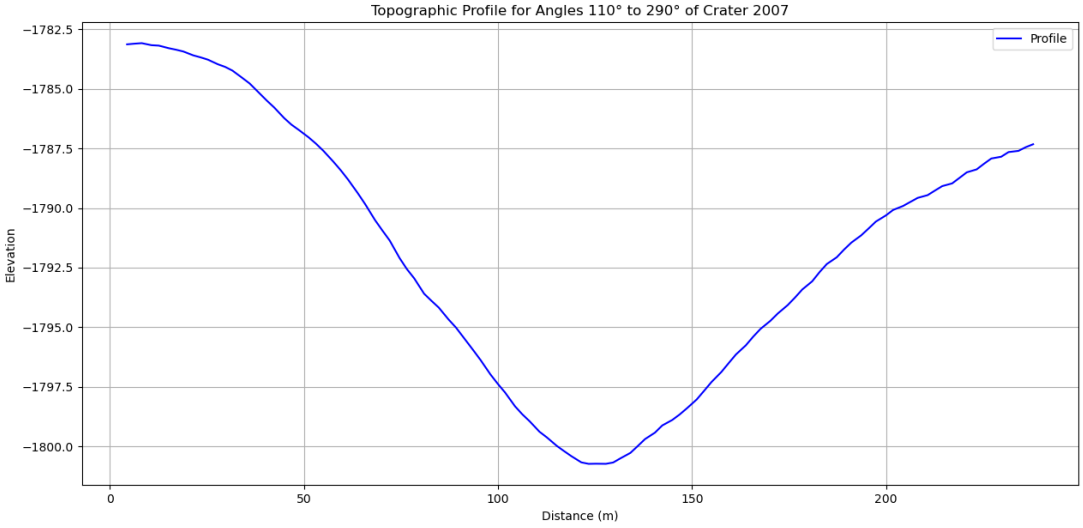

Topographic Profile for Angles 60° to 240° of Crater 2007
Profile
Elevation
−1780
−1785
−1790
−1795
−1800
50
100
150
200
250
Distance (m)

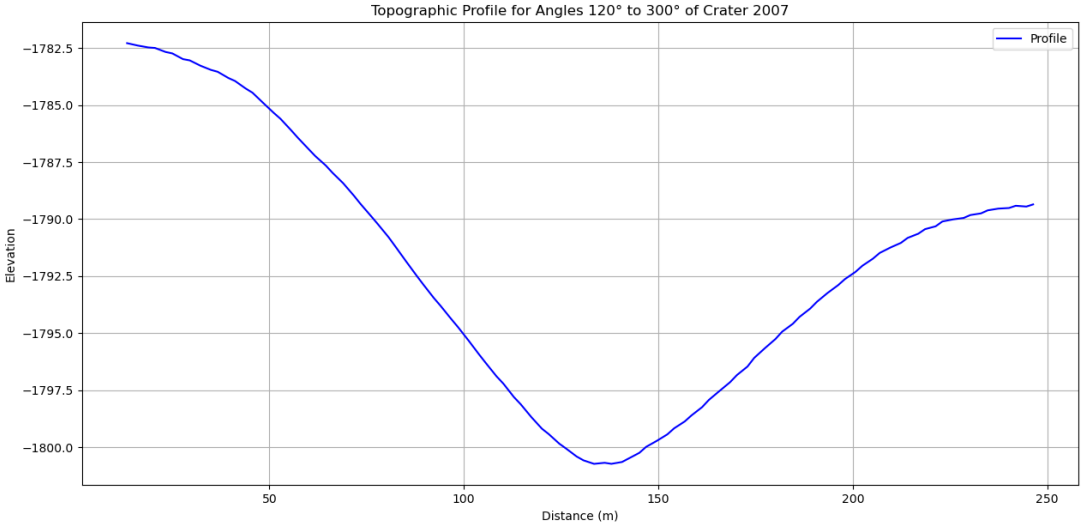

Topographic Profile for Angles 70° to 250° of Crater 2007
Profile
Elevation
Distance (m)
−1780
−1785
−1790
−1795
−1800
0
50
100
150
200
250

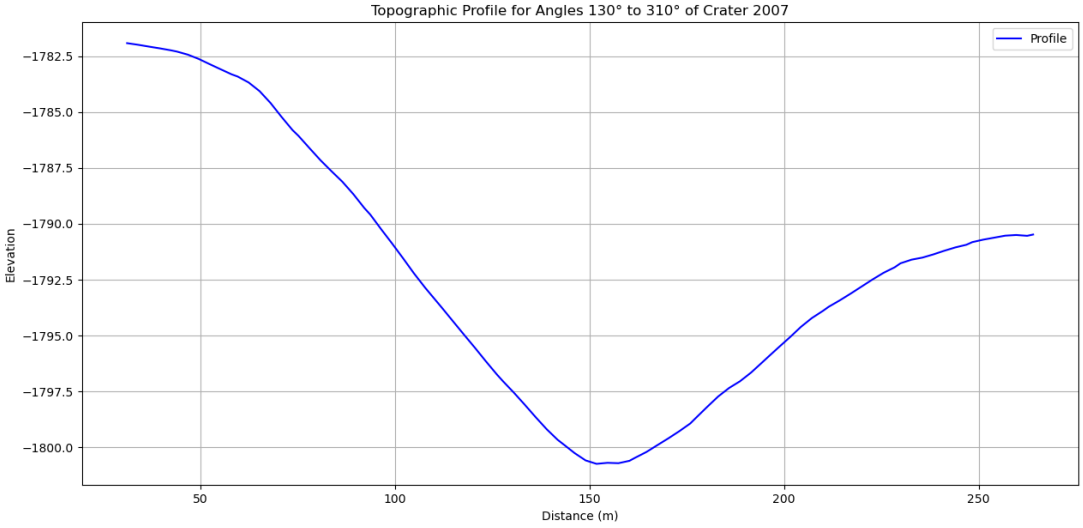

Topographic Profile for Angles 80° to 260° of Crater 2007
Profile
Elevation
Distance (m)
−1780.0
−1782.5
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
0
50
100
150
200

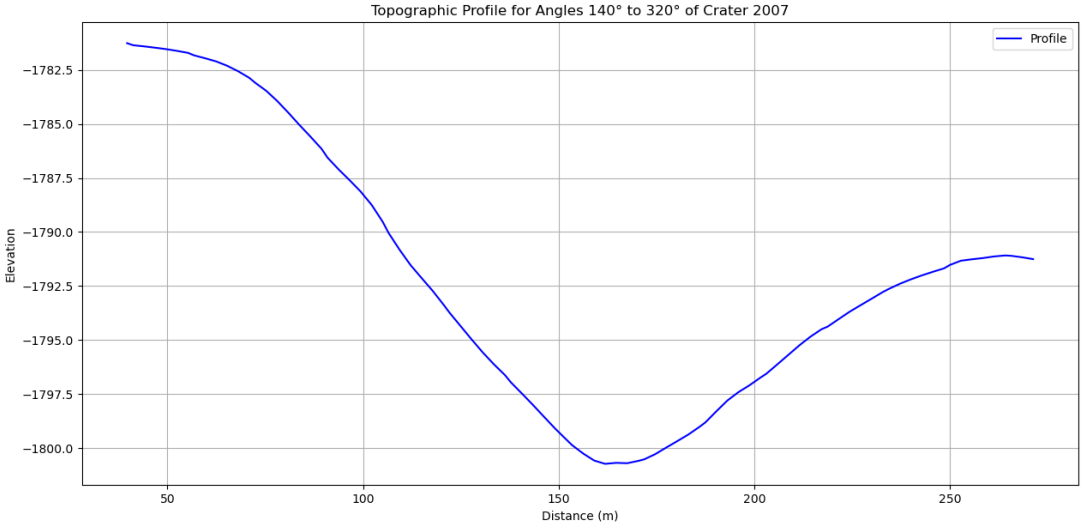

Topographic Profile for Angles 90° to 270° of Crater 2007
Profile
Elevation
Distance (m)
−1782.5
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
0
50
100
150
200

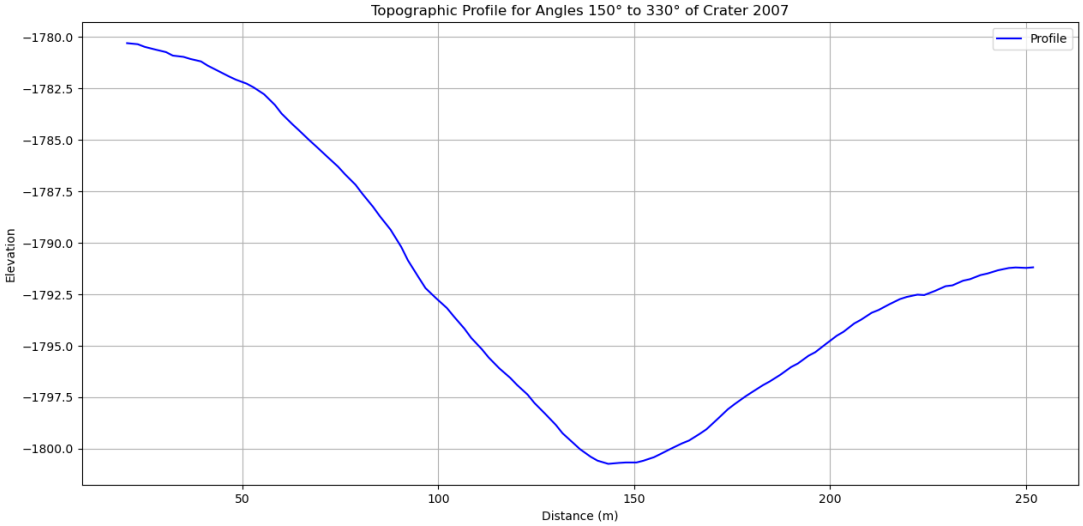

Topographic Profile for Angles 100° to 280° of Crater 2007
Profile
Elevation
Distance (m)
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
0
50
100
150
200

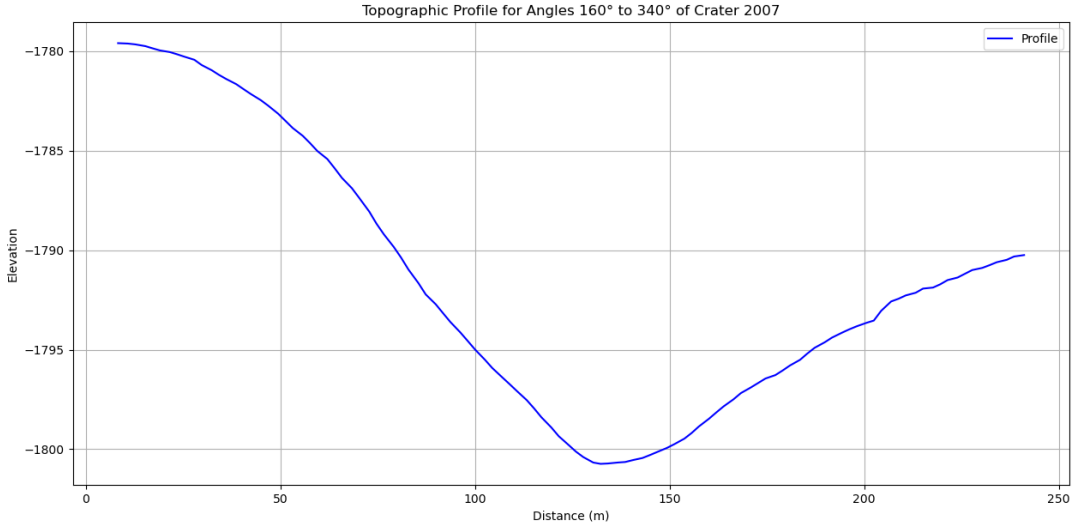

Topographic Profile for Angles 110° to 290° of Crater 2007
Profile
Elevation
−1782.5
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
0
50
100
150
200
Distance (m)

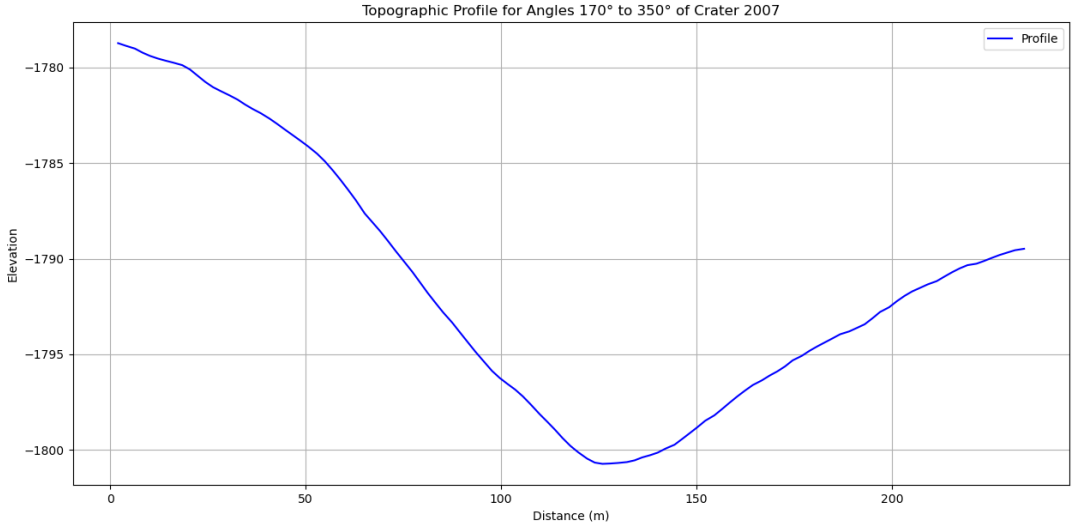

Topographic Profile for Angles 120° to 300° of Crater 2007
Profile
Elevation
−1782.5
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 2007
Profile
Elevation
−1782.5
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2007
Profile
Elevation
−1782.5
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2007
Profile
Elevation
Distance (m)
−1780.0
−1782.5
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
50
100
150
200
250


Topographic Profile for Angles 160° to 340° of Crater 2007
Profile
Elevation
Distance (m)
−1780
−1785
−1790
−1795
−1800
0
50
100
150
200
250


Topographic Profile for Angles 170° to 350° of Crater 2007
Profile
Elevation
−1780
−1785
−1790
−1795
−1800
0
50
100
150
200
Distance (m)