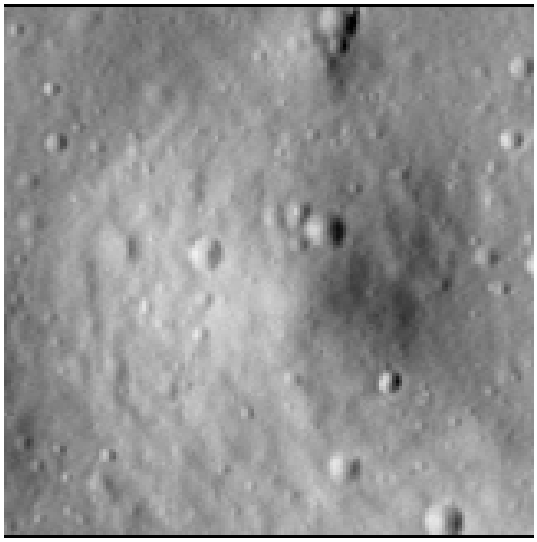
Crater report 1404 of RG2

General information



ID : 1404

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 84m ± 4.0m

Mean depht : 6.3m ± 0.5m

d/D ratio : 0.074 ± 0.007

Circularity index : 0.95

Slope : Between 4.89° et 13.15°

Mean value of TRI on the rim crest : 0.20

Geometric center coordinates : (3655572.616528014, 223171.4428980056)

Coordinates of the crater's lowest point : (3655577.0000011, 223165.0000000658)

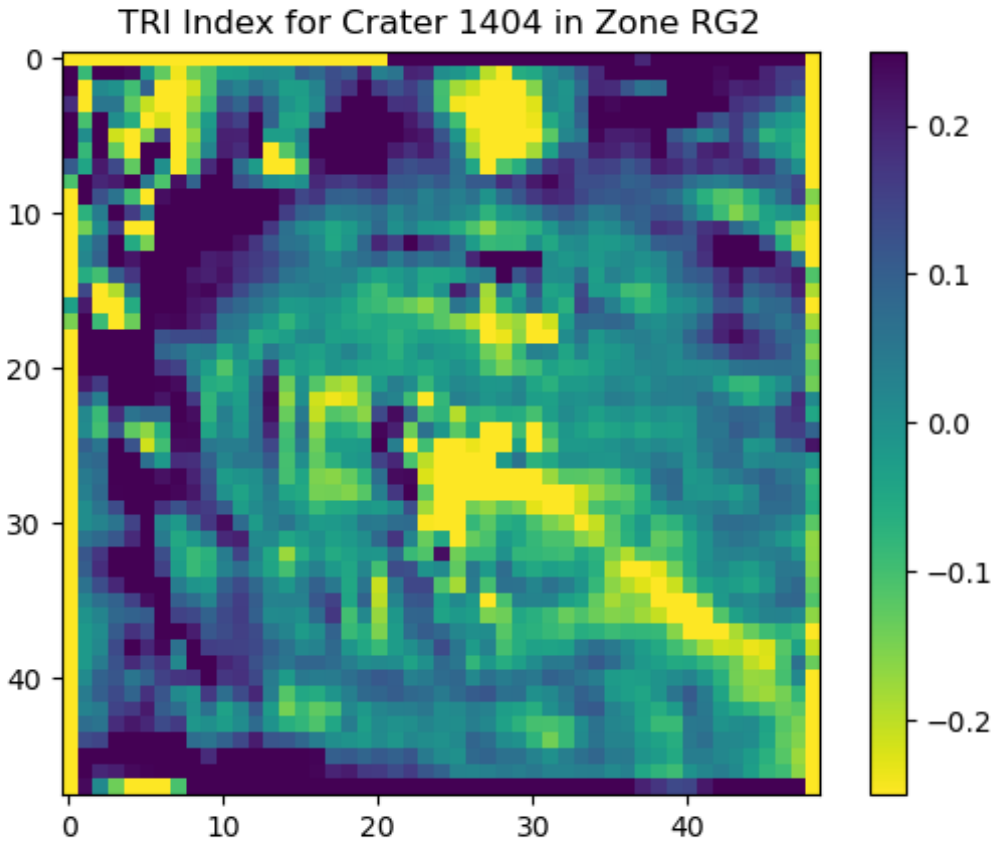
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	13.15	0.57
10°	12.75	0.53
20°	11.5	0.52
30°	11.3	0.48
40°	11.74	0.42
50°	11.6	0.42
60°	10.51	0.48
70°	9.92	0.52
80°	9.06	0.55
90°	8.72	0.57
100°	7.51	0.55
110°	5.66	0.53

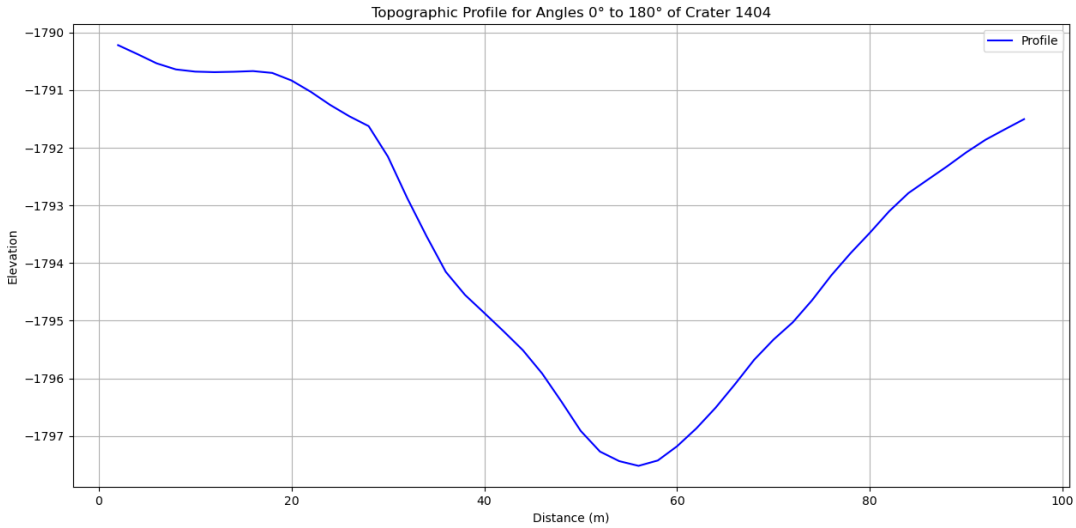
120°	4.89	0.49
130°	5.29	0.44
140°	5.31	0.43
150°	6.15	0.48
160°	7.76	0.52
170°	8.36	0.54
180°	10.71	0.57
190°	11.87	0.55
200°	11.97	0.51
210°	12.51	0.47
220°	12.3	0.42
230°	12.69	0.42
240°	12.15	0.46
250°	11.79	0.51
260°	12.54	0.54
270°	11.31	0.57
280°	11.92	0.53
290°	11.72	0.5
300°	11.03	0.47
310°	11.24	0.42
320°	11.44	0.42
330°	11.35	0.48
340°	11.65	0.52
350°	11.91	0.54

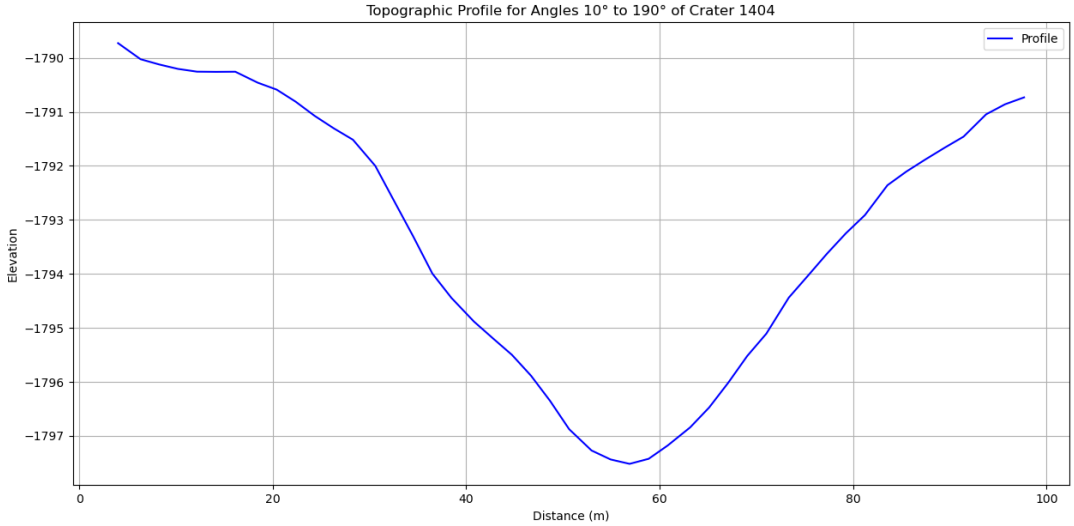
Topographic roughness index (TRI)

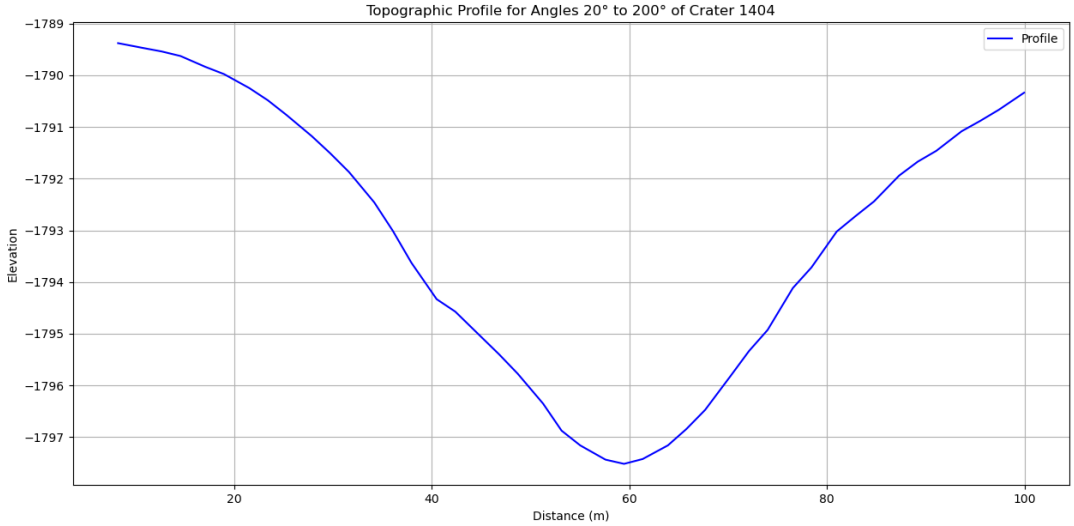
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

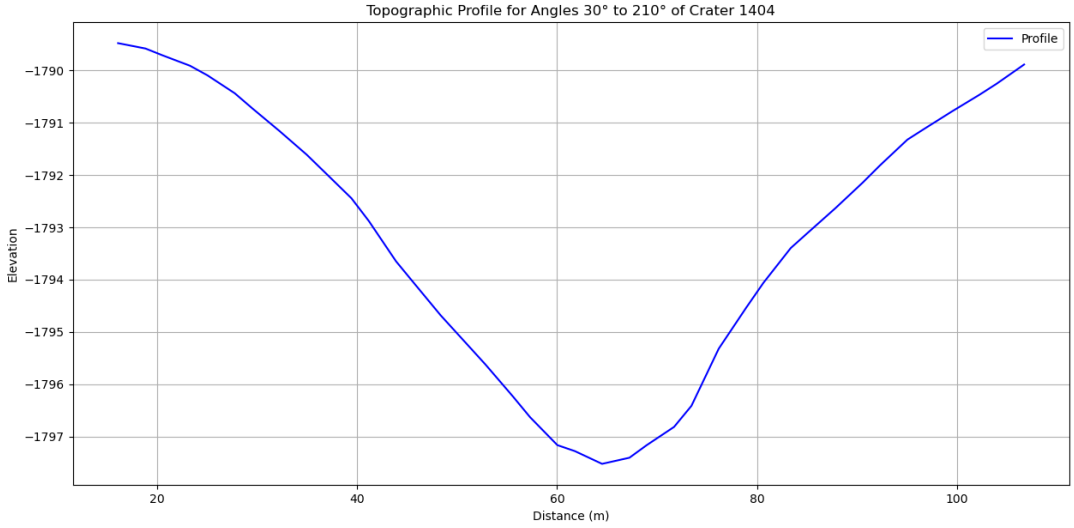


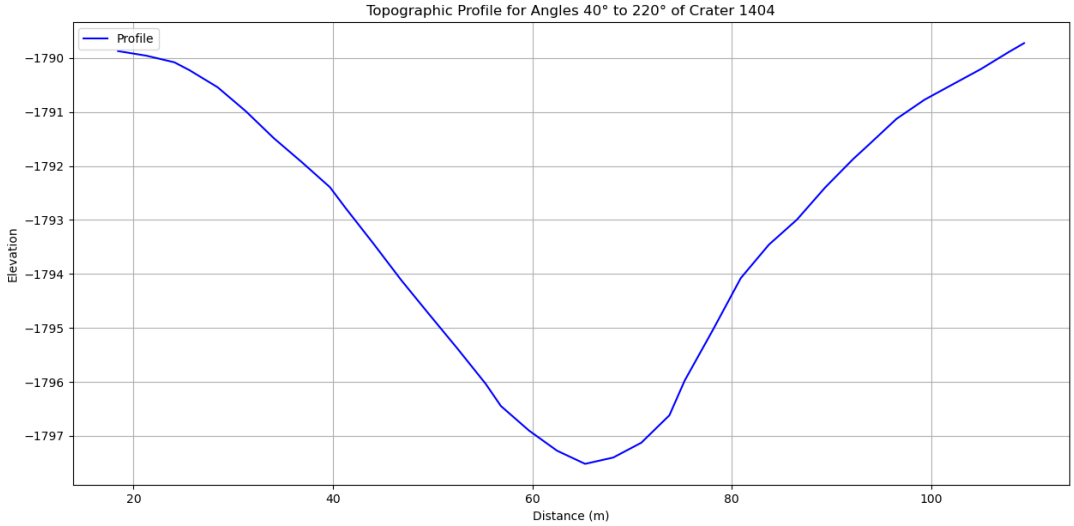
Topographic profiles

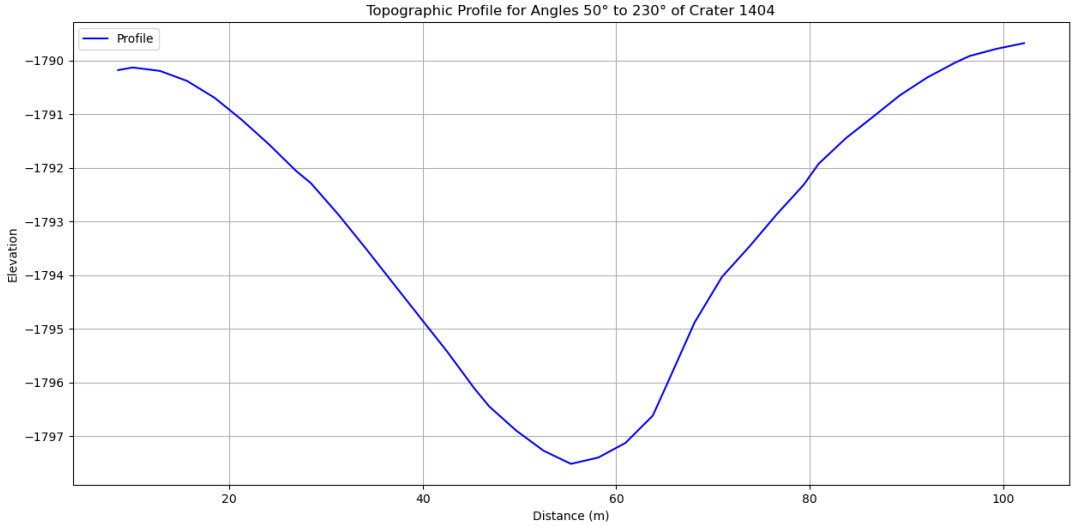


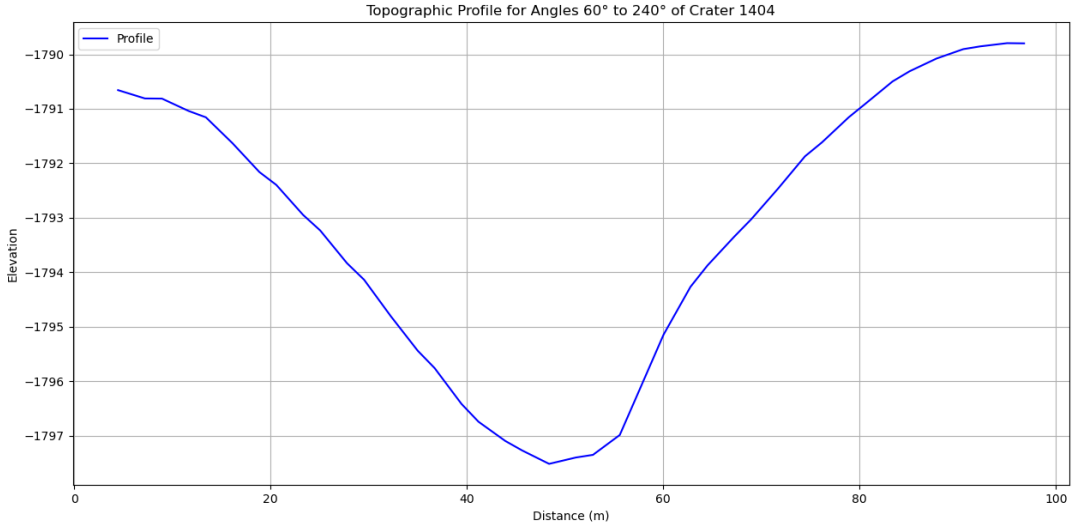

Topographic Profile for Angles 10° to 190° of Crater 1404
Profile
Elevation
−1790
−1791
−1792
−1793
−1794
−1795
−1796
−1797
0
20
40
60
80
100
Distance (m)

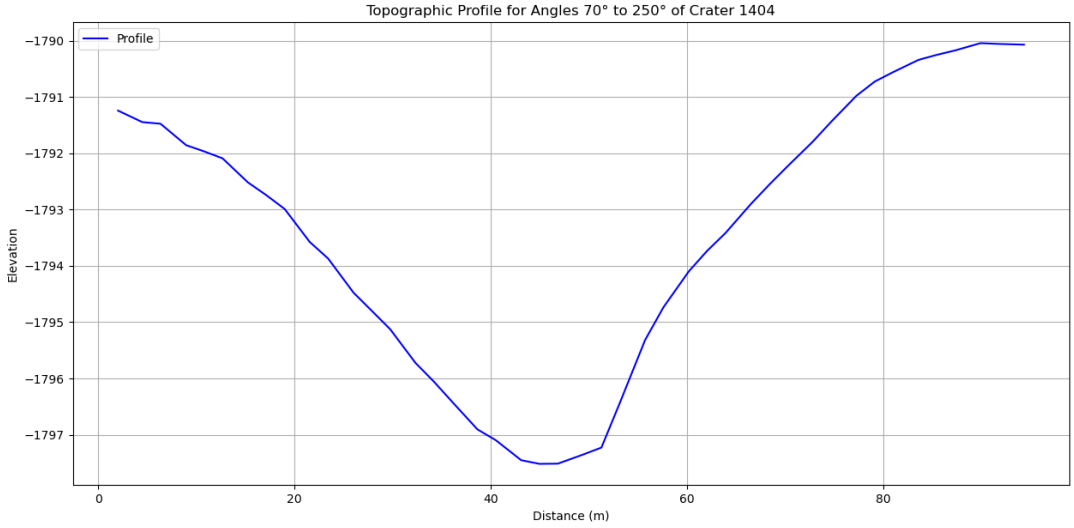

Topographic Profile for Angles 20° to 200° of Crater 1404
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
−1795
−1796
−1797
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 1404
Profile
Elevation
−1790
−1791
−1792
−1793
−1794
−1795
−1796
−1797
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 40° to 220° of Crater 1404
Profile
Elevation
−1790
−1791
−1792
−1793
−1794
−1795
−1796
−1797
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 50° to 230° of Crater 1404
Profile
Elevation
−1790
−1791
−1792
−1793
−1794
−1795
−1796
−1797
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 1404
Profile
Elevation
−1790
−1791
−1792
−1793
−1794
−1795
−1796
−1797
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 1404
Profile
Elevation
Distance (m)
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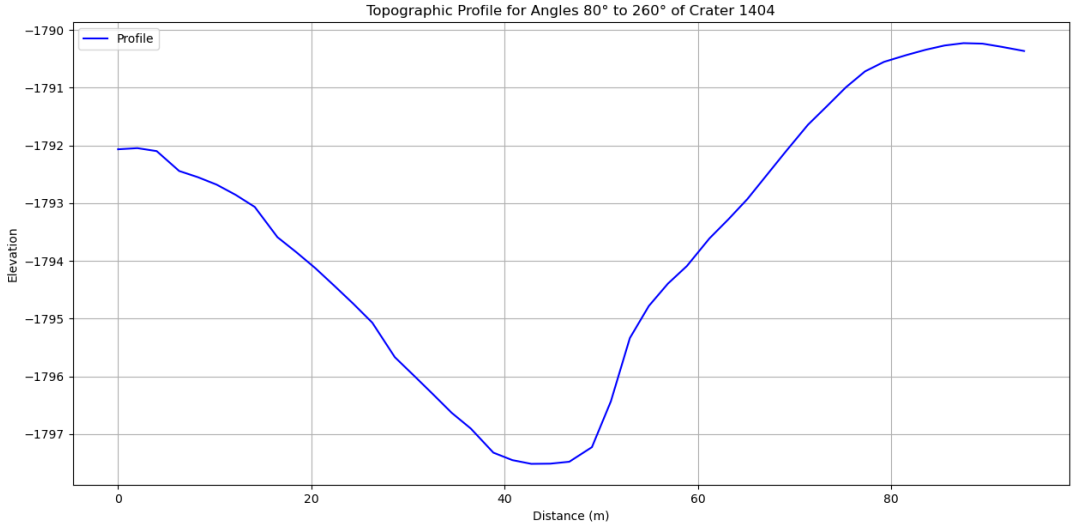
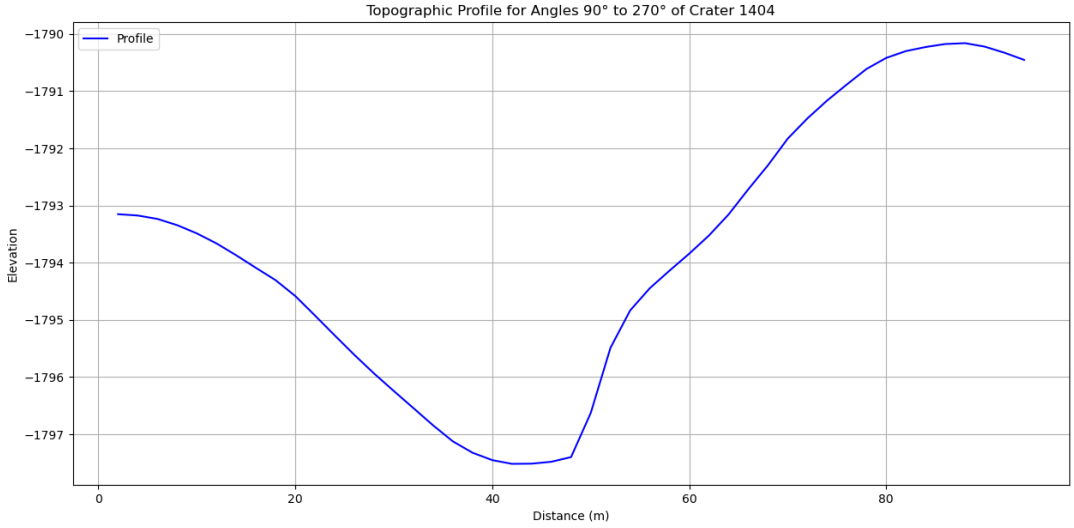
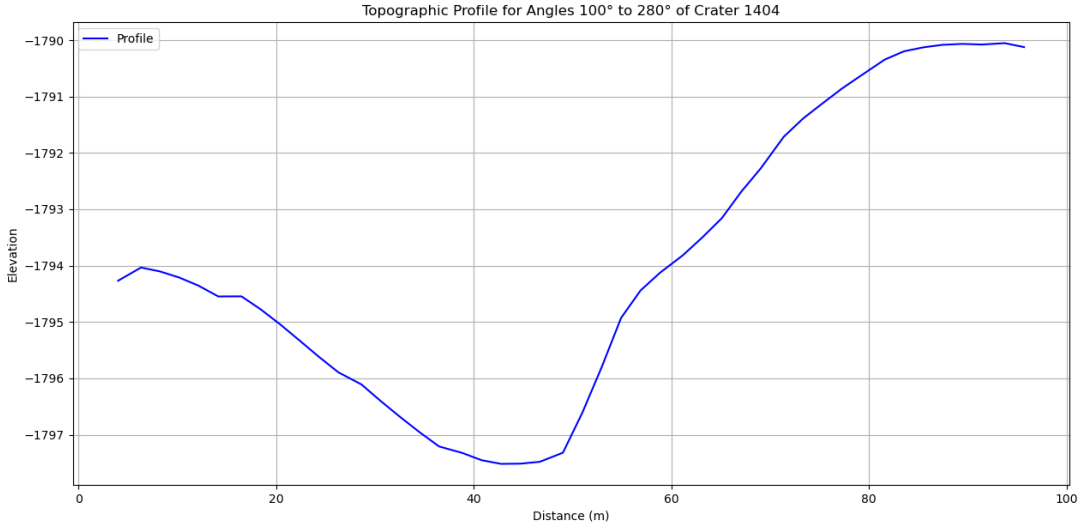
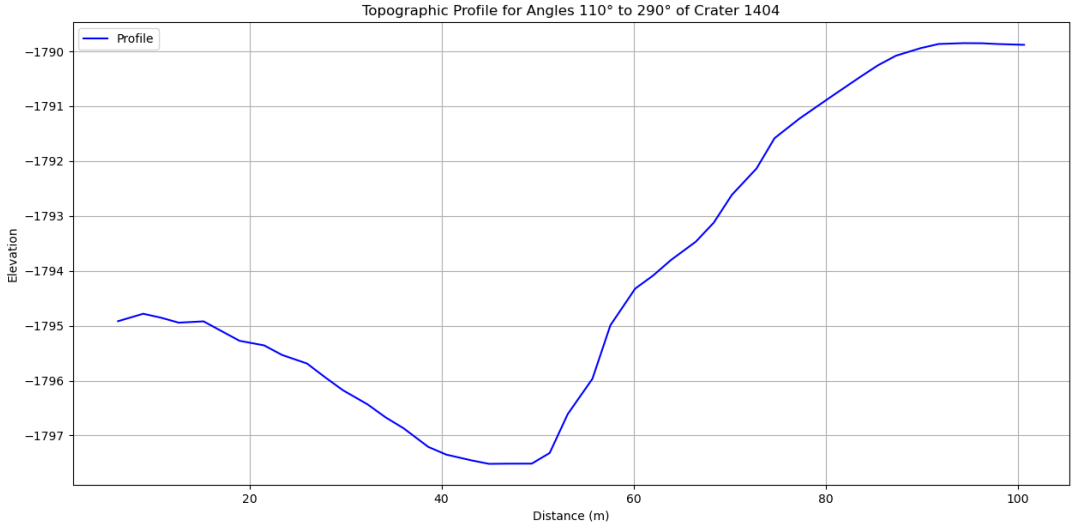
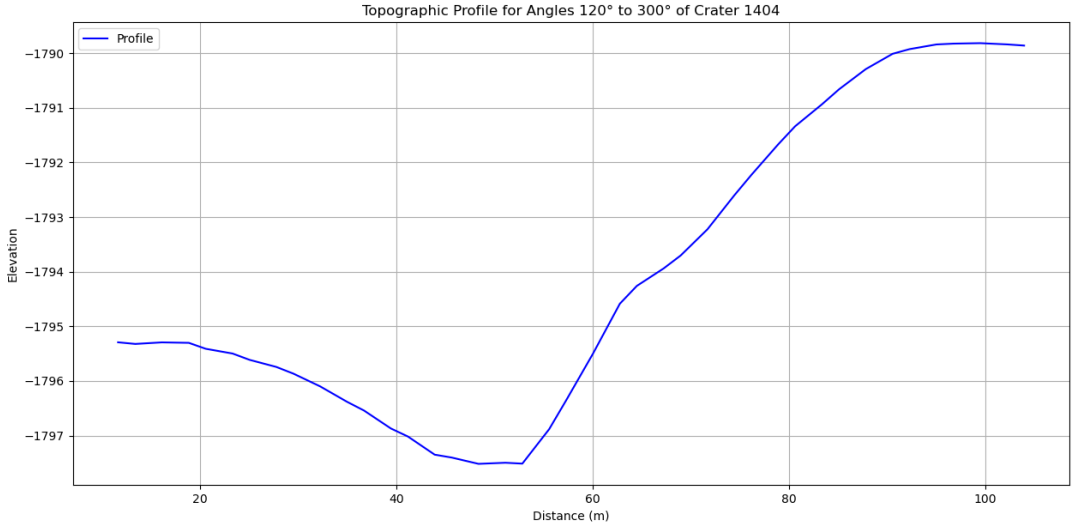
−1791
−1792
−1793
−1794
−1795
−1796
−1797
0
20
40
60
80

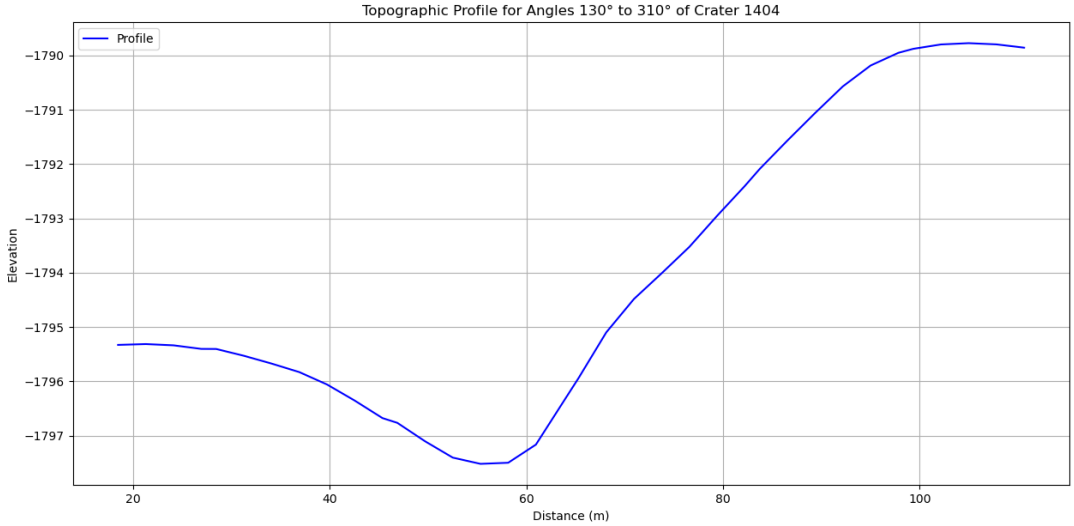

Topographic Profile for Angles 80° to 260° of Crater 1404
Profile
Elevation
Distance (m)
−1790
−1791
−1792
−1793
−1794
−1795
−1796
−1797
0
20
40
60
80

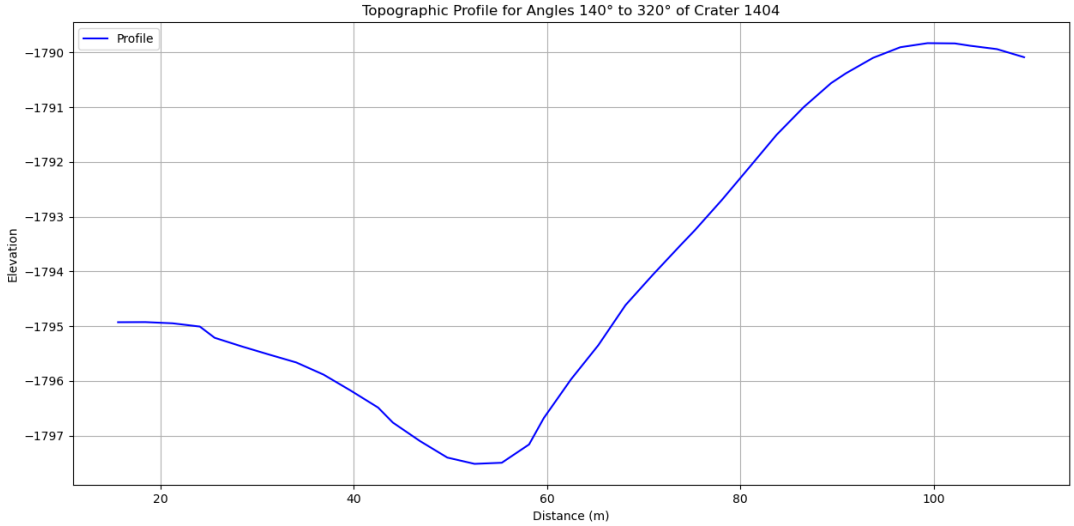

Topographic Profile for Angles 90° to 270° of Crater 1404
Profile
Elevation
Distance (m)
−1790
−1791
−1792
−1793
−1794
−1795
−1796
−1797
0
20
40
60
80

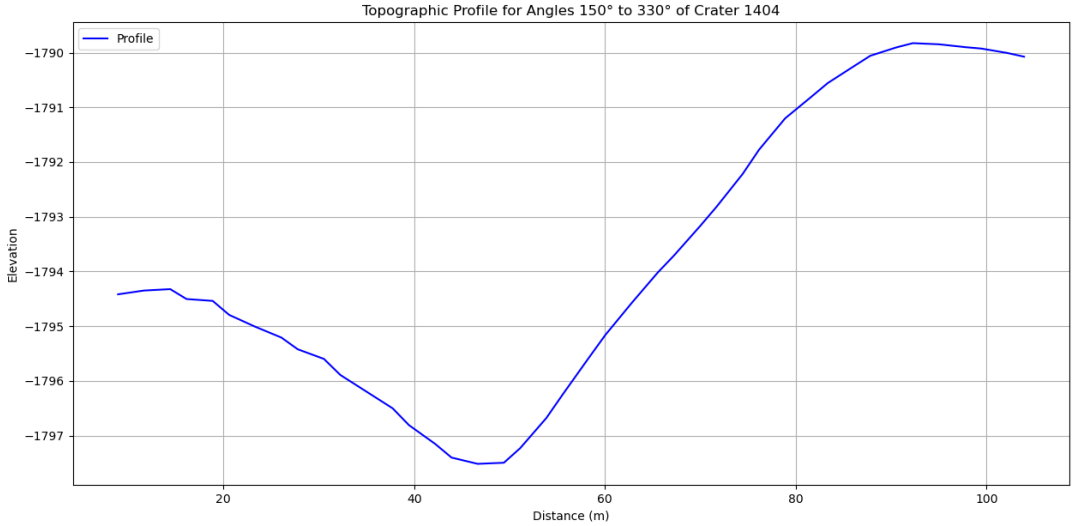

Topographic Profile for Angles 100° to 280° of Crater 1404
Profile
Elevation
Distance (m)
−1790
−1791
−1792
−1793
−1794
−1795
−1796
−1797
0
20
40
60
80
100

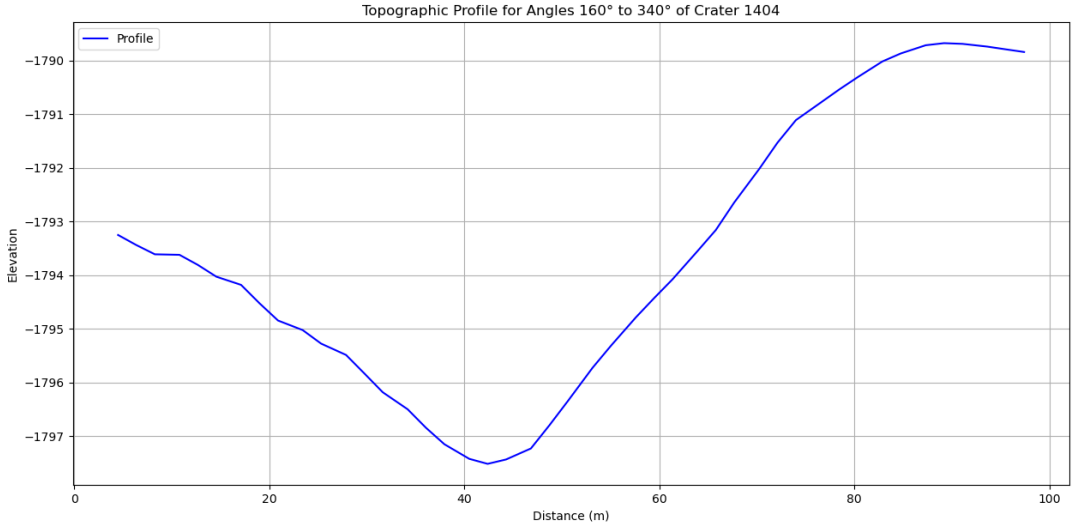

Topographic Profile for Angles 110° to 290° of Crater 1404
Profile
Elevation
−1790
−1791
−1792
−1793
−1794
−1795
−1796
−1797
20
40
60
80
100
Distance (m)

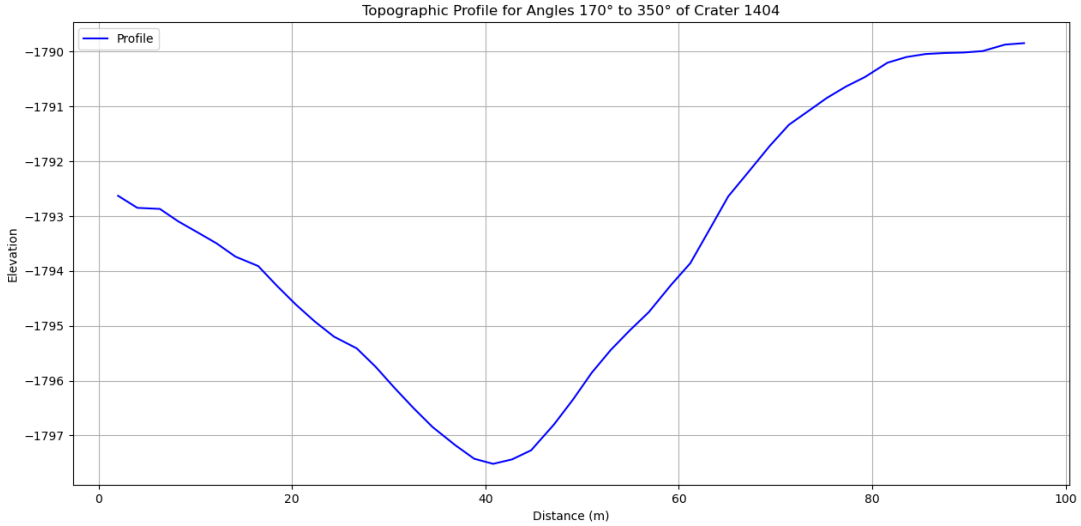

Topographic Profile for Angles 120° to 300° of Crater 1404
Profile
Elevation
−1790
−1791
−1792
−1793
−1794
−1795
−1796
−1797
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 1404
Profile
Elevation
−1790
−1791
−1792
−1793
−1794
−1795
−1796
−1797
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 1404
Profile
Elevation
−1790
−1791
−1792
−1793
−1794
−1795
−1796
−1797
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 1404
Profile
Elevation
−1790
−1791
−1792
−1793
−1794
−1795
−1796
−1797
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 1404
Profile
Elevation
−1790
−1791
−1792
−1793
−1794
−1795
−1796
−1797
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 1404
Profile
Elevation
−1790
−1791
−1792
−1793
−1794
−1795
−1796
−1797
0
20
40
60
80
100
Distance (m)