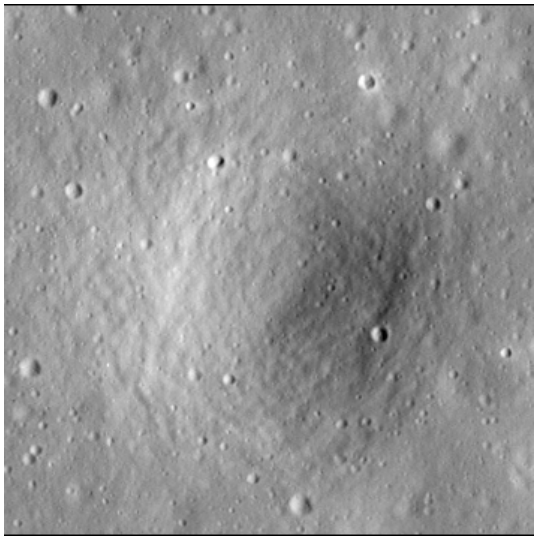
Crater report 1231 of RG2

General information



ID : 1231

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 195m ± 8.0m

Mean depht : 10.5m ± 0.5m

d/D ratio : 0.054 ± 0.004

Circularity index : 0.9

Mean slope : 7.22°

Mean value of TRI on the rim crest : 0.25

Geometric center coordinates : (3657149.783427451, 225503.3373453827)

Coordinates of the crater's lowest point : (3657163.0000011004, 225493.00000006653)

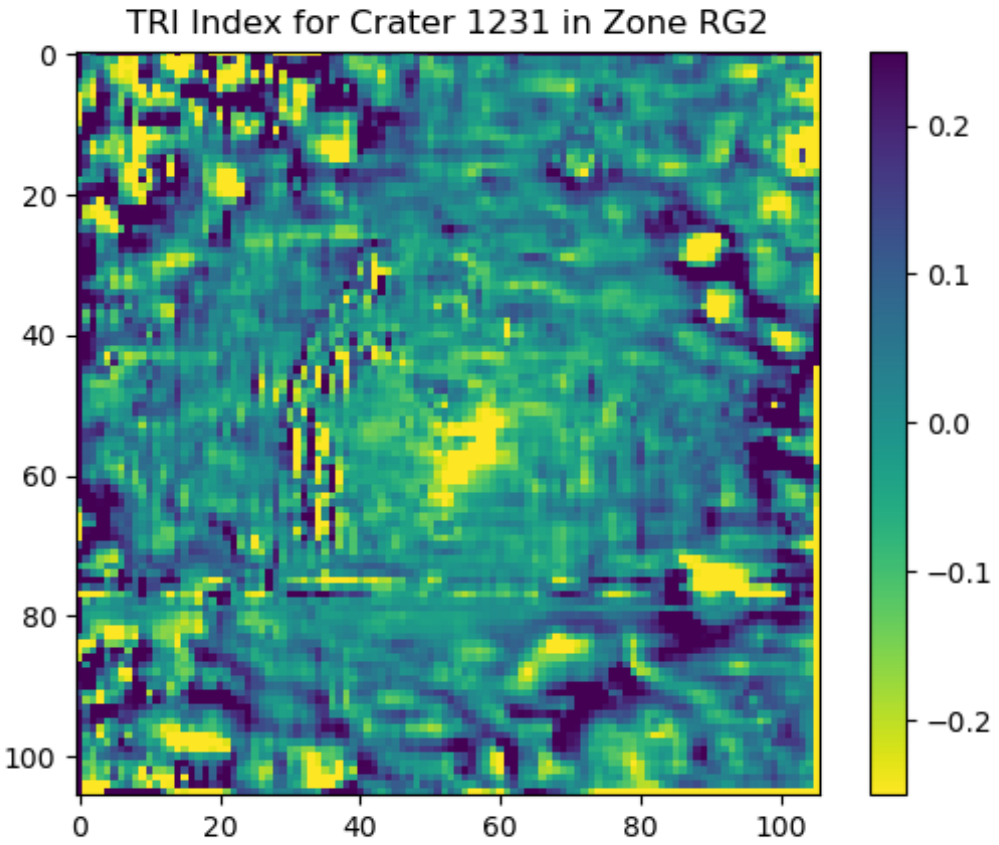
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	7.85	0.57
10°	7.15	0.54
20°	6.69	0.52
30°	6.2	0.48
40°	6.22	0.43
50°	6.22	0.43
60°	6.27	0.48
70°	6.6	0.51
80°	7.12	0.54
90°	7.59	0.57
100°	7.34	0.54
110°	7.15	0.52

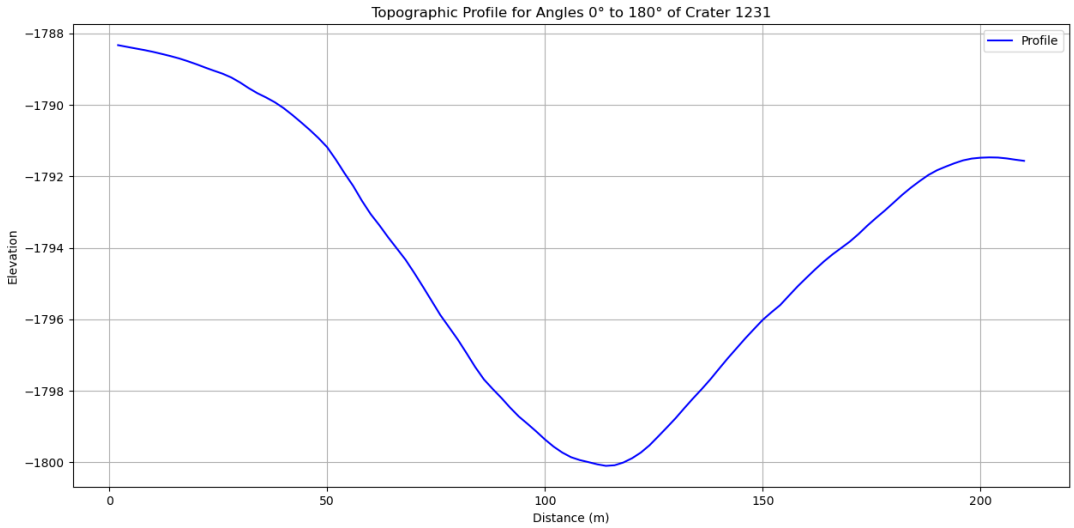
120°	6.86	0.48
130°	7.15	0.43
140°	6.9	0.43
150°	6.44	0.48
160°	6.01	0.52
170°	6.09	0.54
180°	6.37	0.57
190°	6.54	0.54
200°	6.61	0.51
210°	6.7	0.48
220°	7.26	0.43
230°	7.58	0.43
240°	7.8	0.48
250°	7.98	0.52
260°	8.07	0.54
270°	8.45	0.57
280°	8.2	0.54
290°	7.97	0.52
300°	7.92	0.48
310°	8.48	0.43
320°	8.6	0.43
330°	7.96	0.48
340°	7.82	0.51
350°	7.9	0.54

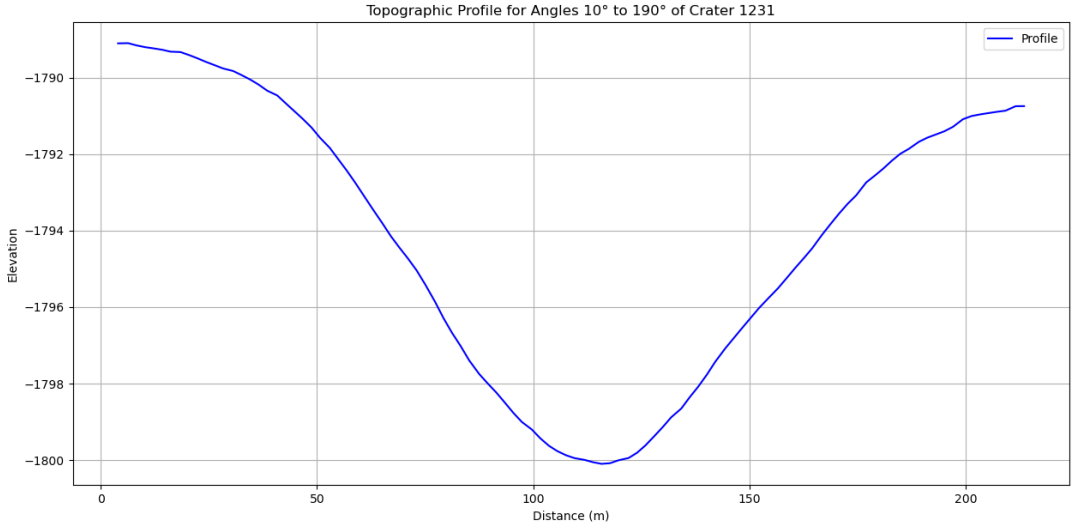
Topographic roughness index (TRI)

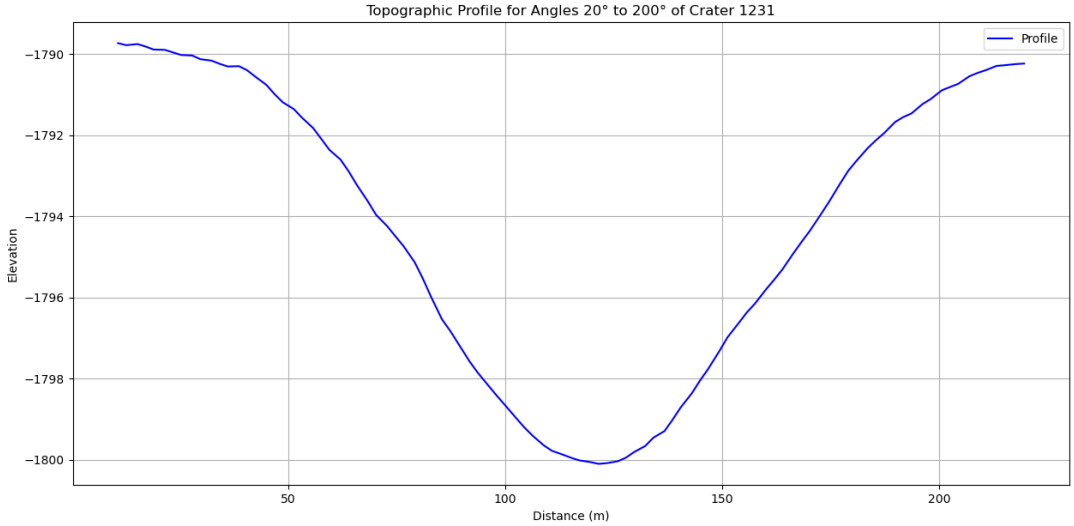
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

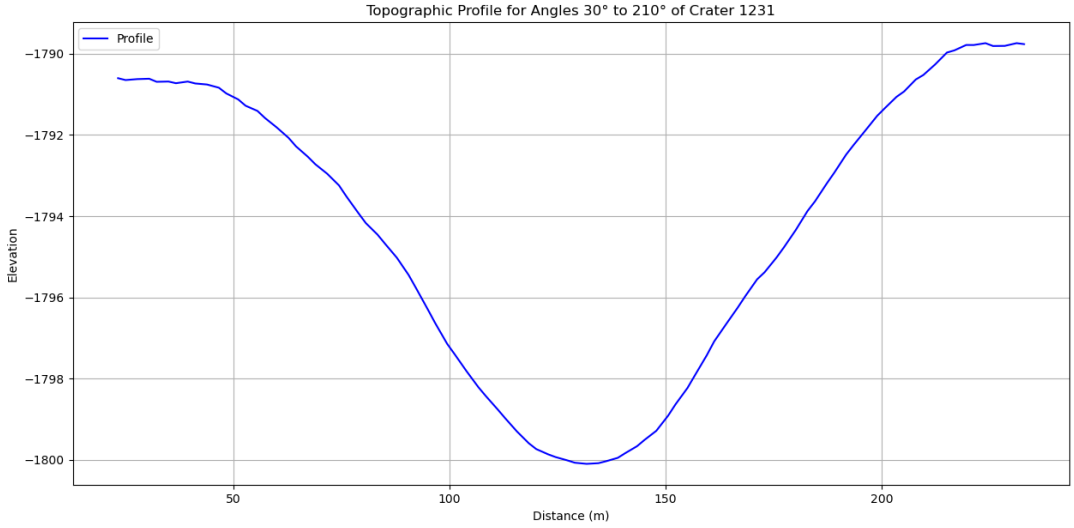


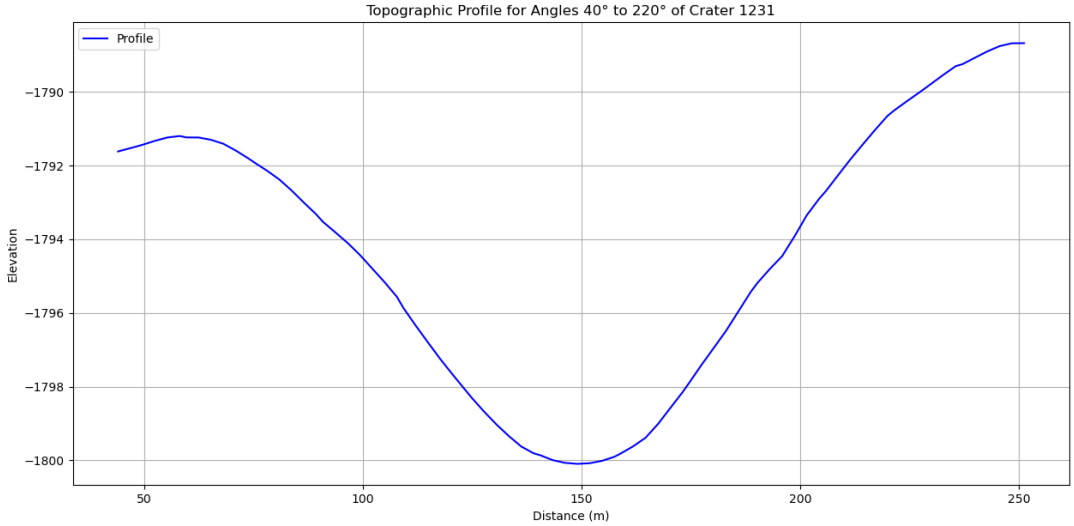
Topographic profiles

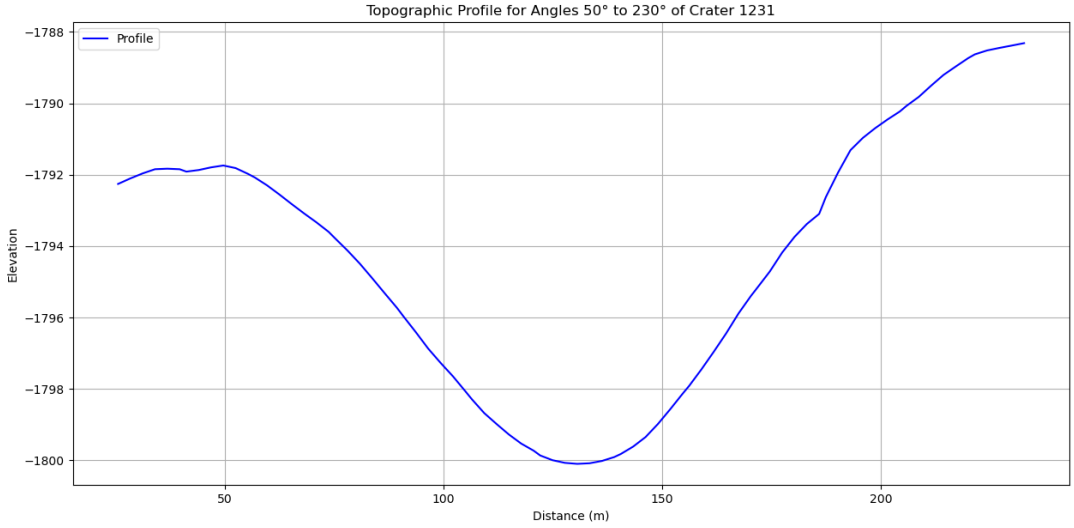


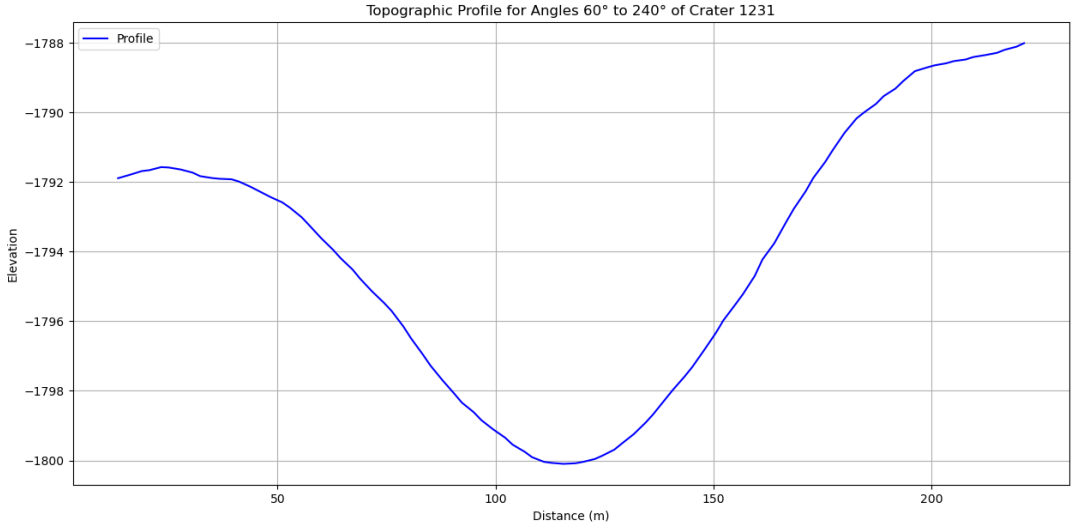

Topographic Profile for Angles 10° to 190° of Crater 1231
Profile
Elevation
−1790
−1792
−1794
−1796
−1798
−1800
0
50
100
150
200
Distance (m)

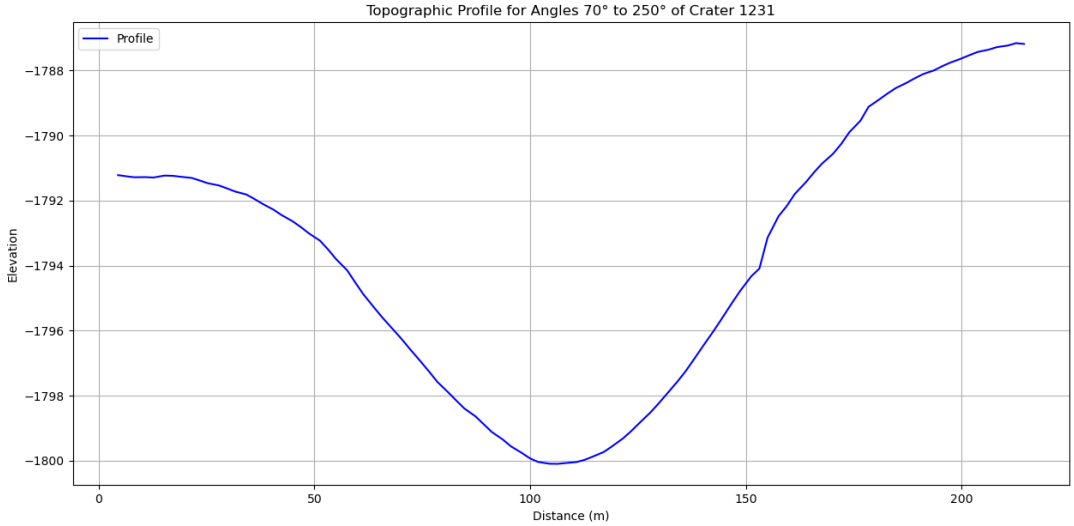

Topographic Profile for Angles 20° to 200° of Crater 1231
Profile
Elevation
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200
Distance (m)

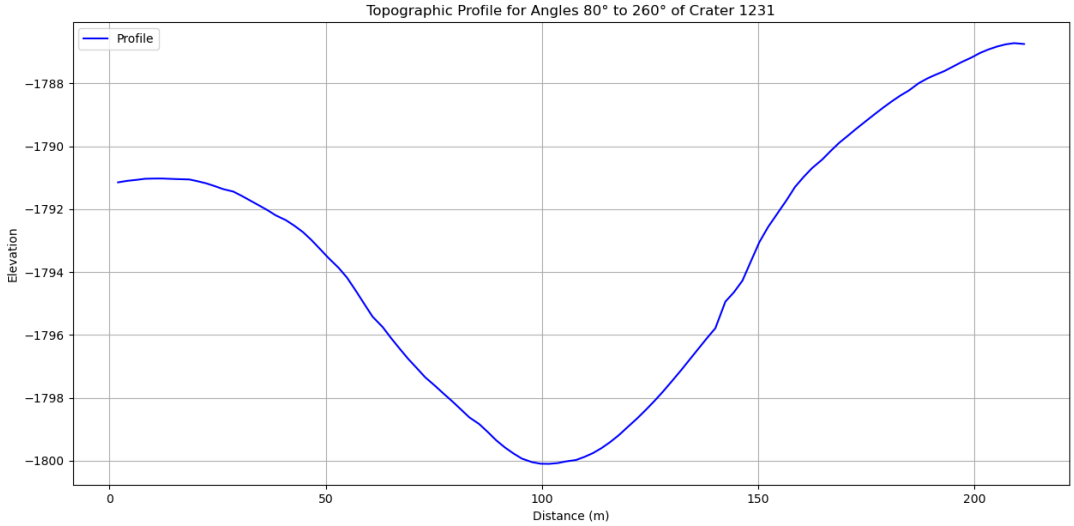

Topographic Profile for Angles 30° to 210° of Crater 1231
Profile
Elevation
Distance (m)
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200

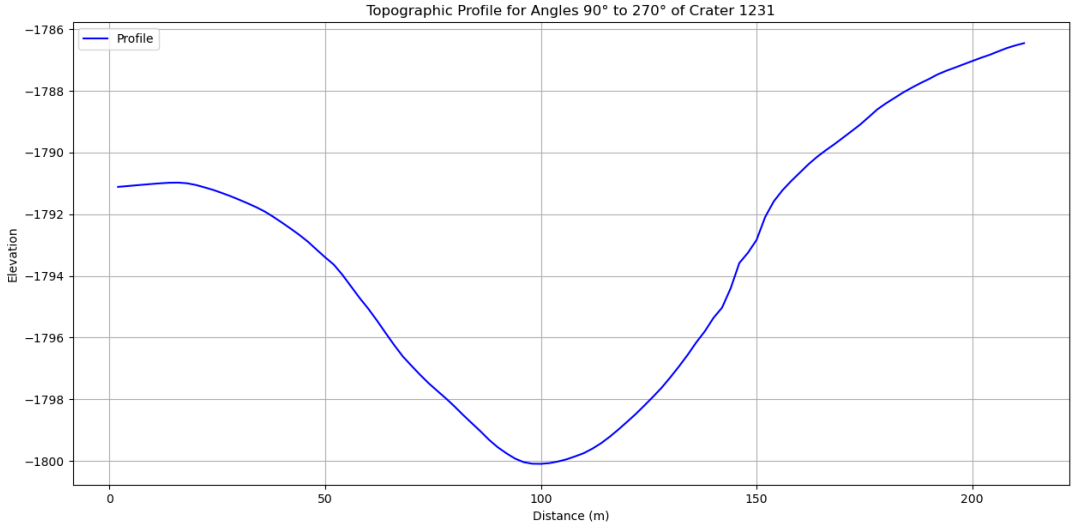

Topographic Profile for Angles 40° to 220° of Crater 1231
Profile
Elevation
Distance (m)
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200
250

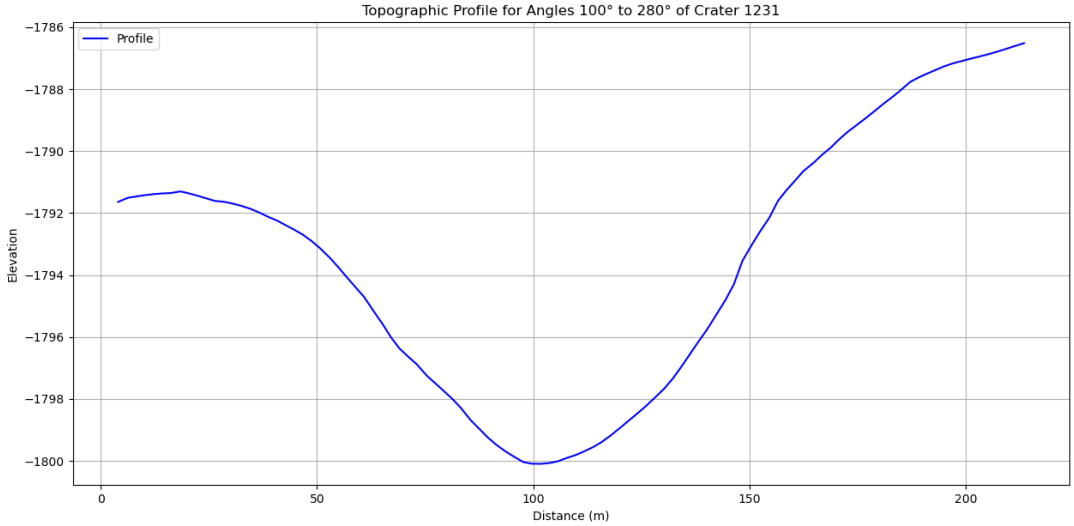

Topographic Profile for Angles 50° to 230° of Crater 1231
Profile
Elevation
Distance (m)
−1788
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200

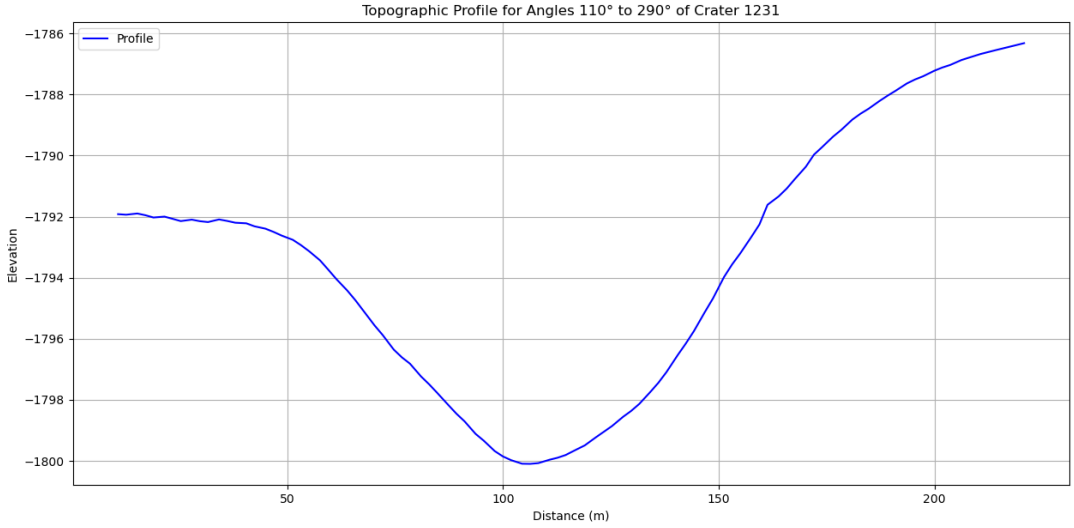

Topographic Profile for Angles 60° to 240° of Crater 1231
Profile
Elevation
Distance (m)
−1788
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200

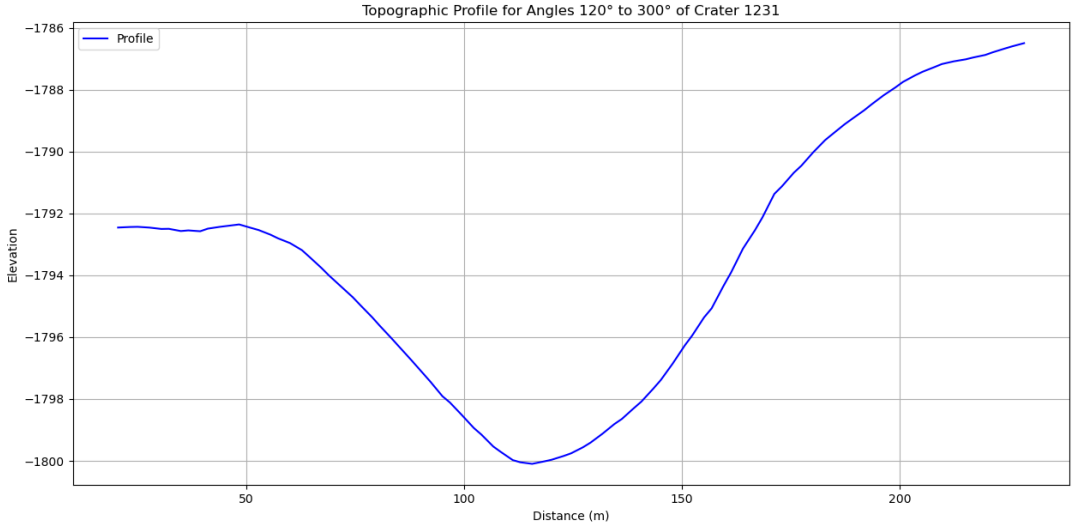

Topographic Profile for Angles 70° to 250° of Crater 1231
Profile
Elevation
Distance (m)
−1788
−1790
−1792
−1794
−1796
−1798
−1800
0
50
100
150
200

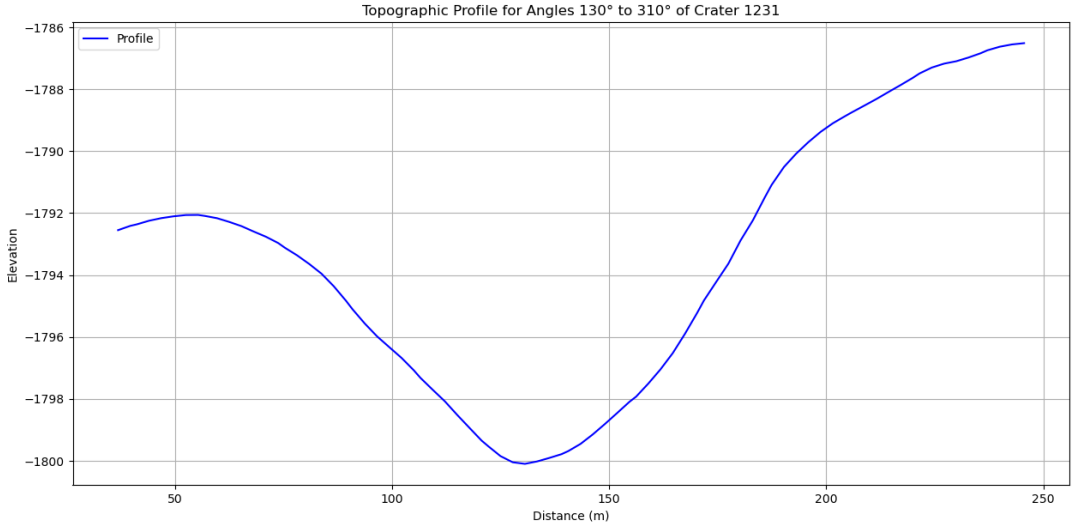

Topographic Profile for Angles 80° to 260° of Crater 1231
Profile
Elevation
Distance (m)
−1788
−1790
−1792
−1794
−1796
−1798
−1800
0
50
100
150
200

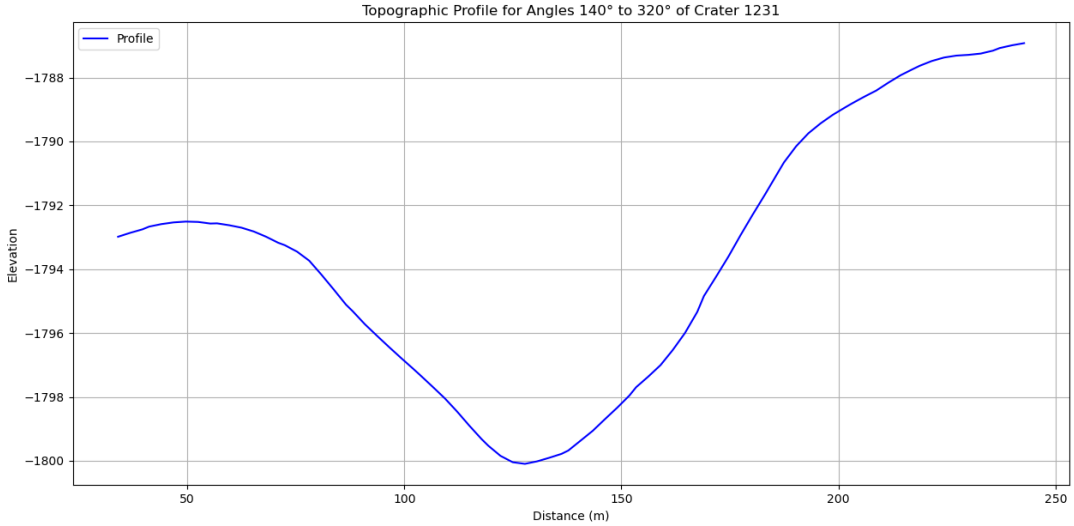

Topographic Profile for Angles 90° to 270° of Crater 1231
Profile
Elevation
Distance (m)
−1786
−1788
−1790
−1792
−1794
−1796
−1798
−1800
0
50
100
150
200

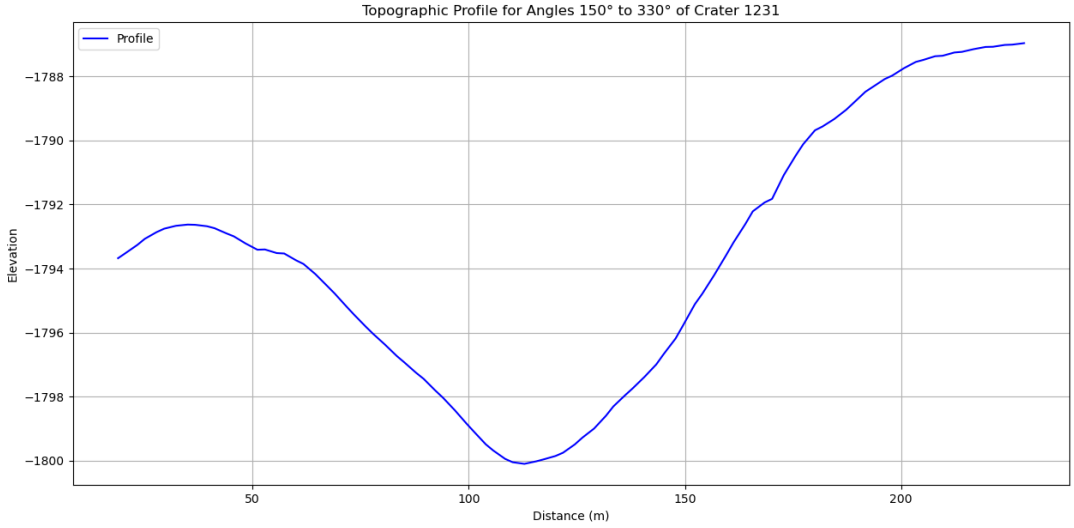

Topographic Profile for Angles 100° to 280° of Crater 1231
Profile
Elevation
Distance (m)
−1786
−1788
−1790
−1792
−1794
−1796
−1798
−1800
0
50
100
150
200

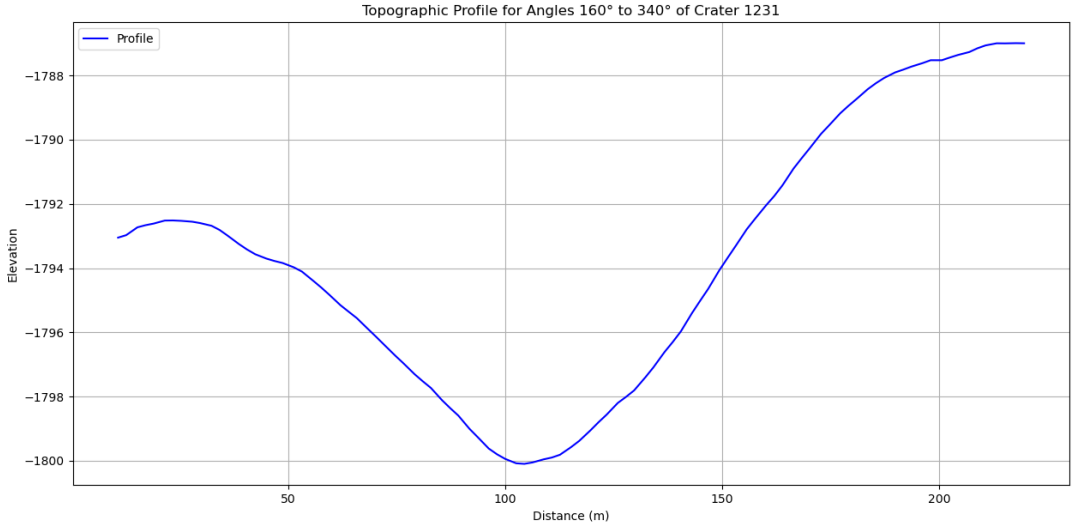

Topographic Profile for Angles 110° to 290° of Crater 1231
Profile
Elevation
Distance (m)
−1786
−1788
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200

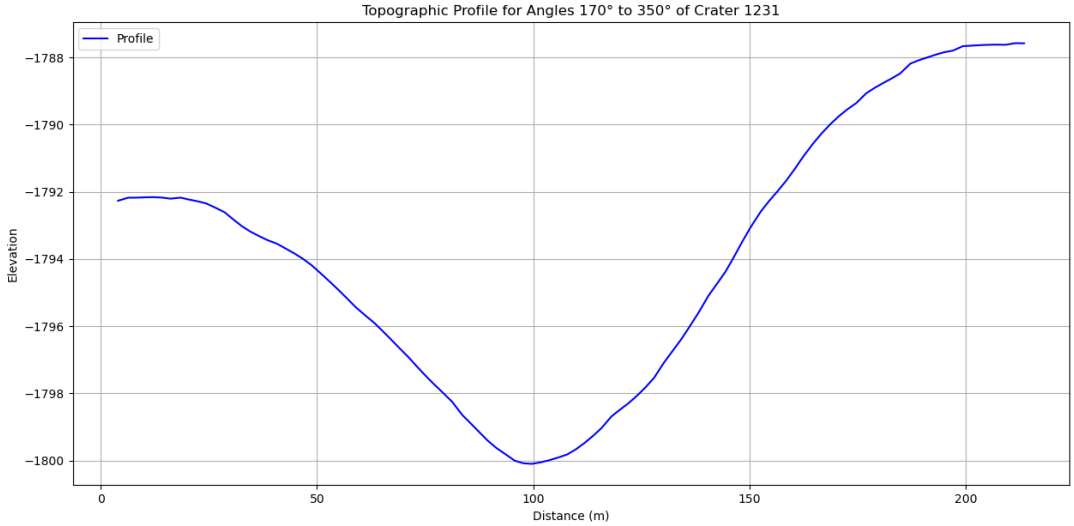

Topographic Profile for Angles 120° to 300° of Crater 1231
Profile
Elevation
Distance (m)
−1786
−1788
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200


Topographic Profile for Angles 130° to 310° of Crater 1231
Profile
Elevation
Distance (m)
−1786
−1788
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200
250


Topographic Profile for Angles 140° to 320° of Crater 1231
Profile
Elevation
Distance (m)
−1788
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200
250


Topographic Profile for Angles 150° to 330° of Crater 1231
Profile
Elevation
−1788
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 1231
Profile
Elevation
−1788
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 1231
Profile
Elevation
−1788
−1790
−1792
−1794
−1796
−1798
−1800
0
50
100
150
200
Distance (m)