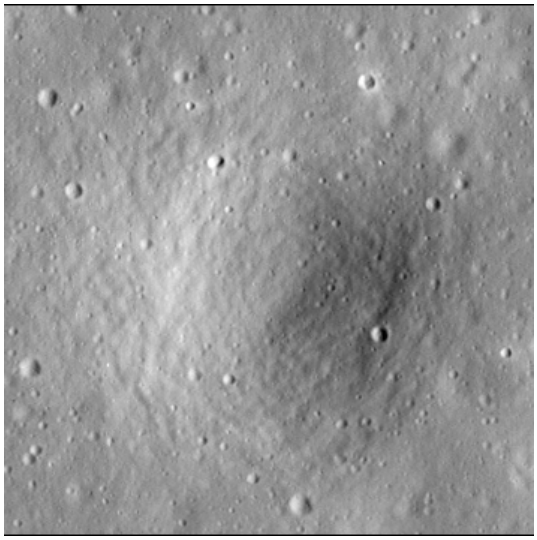
Crater report 1231 of RG2

General information



ID : 1231

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 195m ± 8.0m

Mean depht : 10.5m ± 0.5m

d/D ratio : 0.054 ± 0.004

Circularity index : 0.9

Slope : Between 6.39° et 11.03°

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)

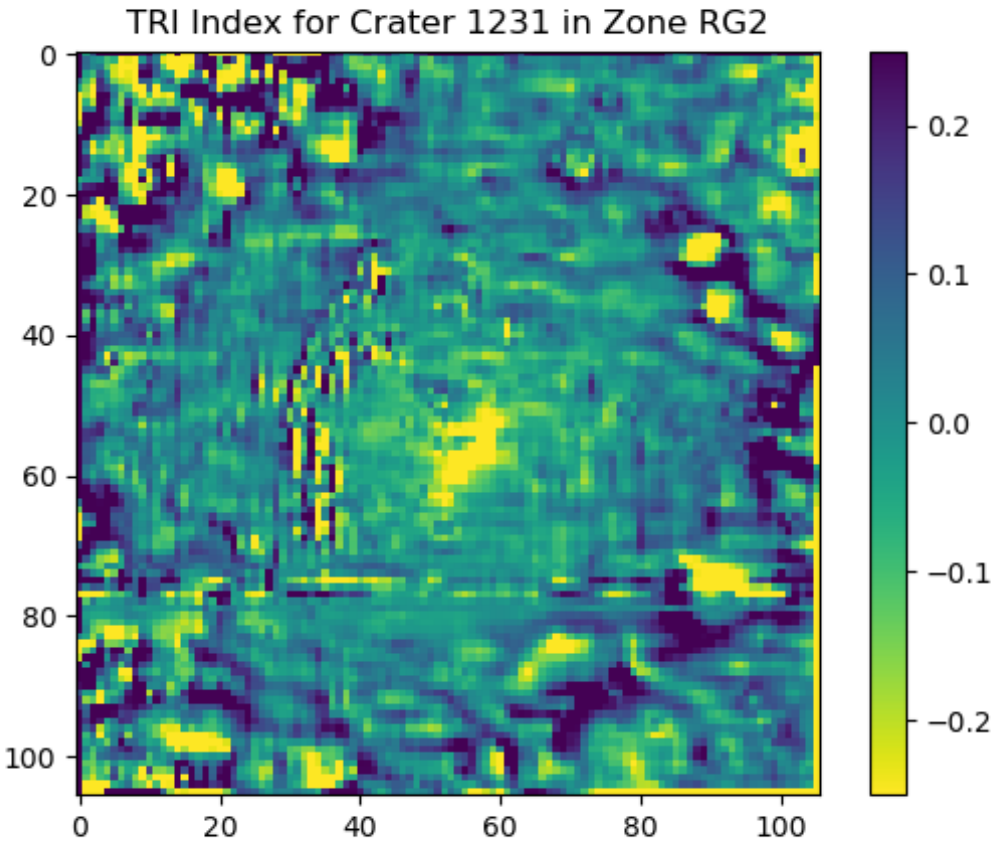
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	9.89	0.57
10°	8.9	0.54
20°	8.35	0.51
30°	7.62	0.48
40°	7.52	0.44
50°	7.53	0.44
60°	7.74	0.48
70°	7.99	0.52
80°	8.47	0.55
90°	8.93	0.57
100°	8.55	0.54
110°	8.33	0.52

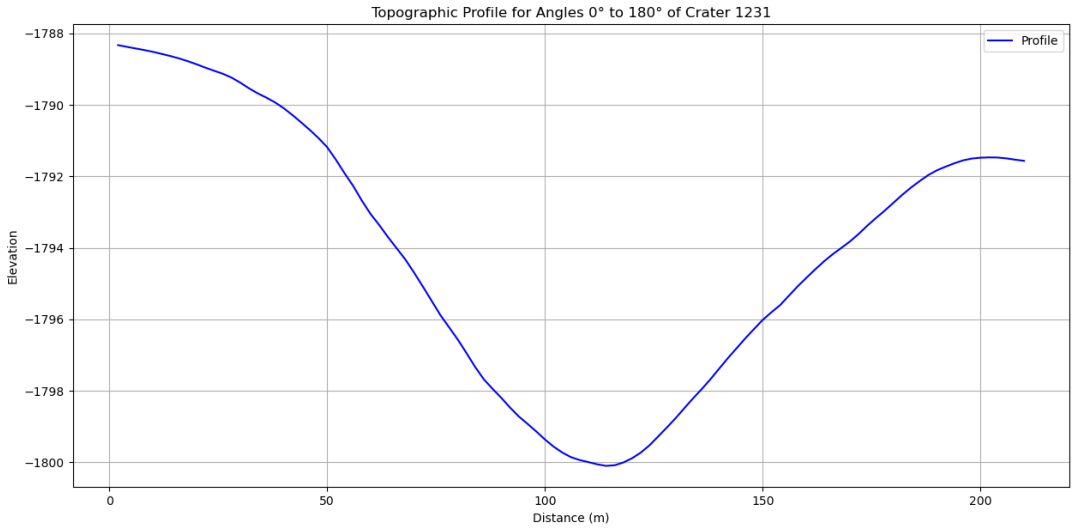
120°	7.81	0.47
130°	7.87	0.43
140°	7.46	0.43
150°	6.91	0.48
160°	6.39	0.52
170°	6.54	0.54
180°	6.89	0.57
190°	7.44	0.54
200°	7.67	0.51
210°	8.01	0.48
220°	8.85	0.42
230°	9.4	0.42
240°	10.06	0.48
250°	10.14	0.52
260°	10.12	0.55
270°	10.68	0.57
280°	10.71	0.55
290°	10.28	0.52
300°	10.17	0.47
310°	10.9	0.42
320°	11.03	0.43
330°	9.82	0.48
340°	9.67	0.52
350°	10.07	0.54

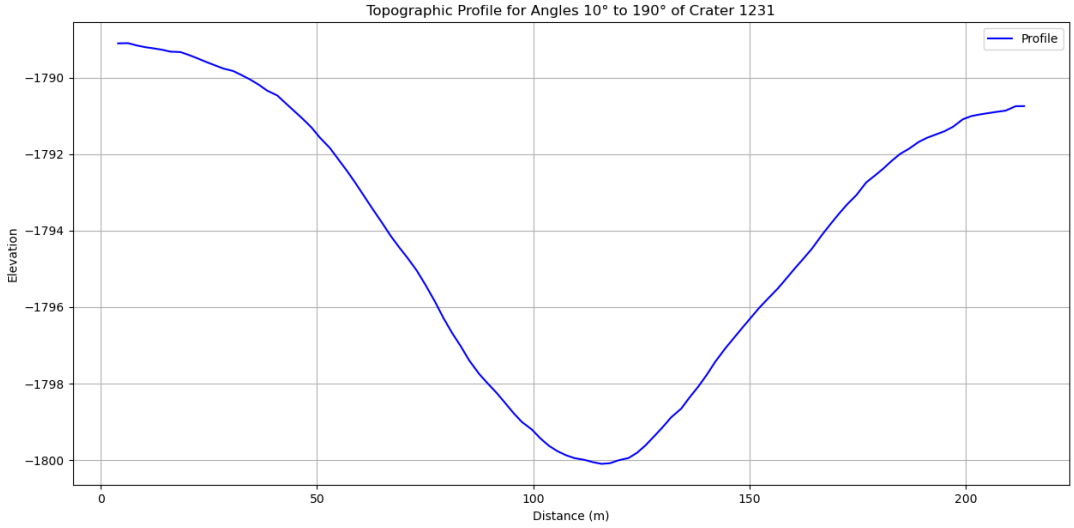
Topographic roughness index (TRI)

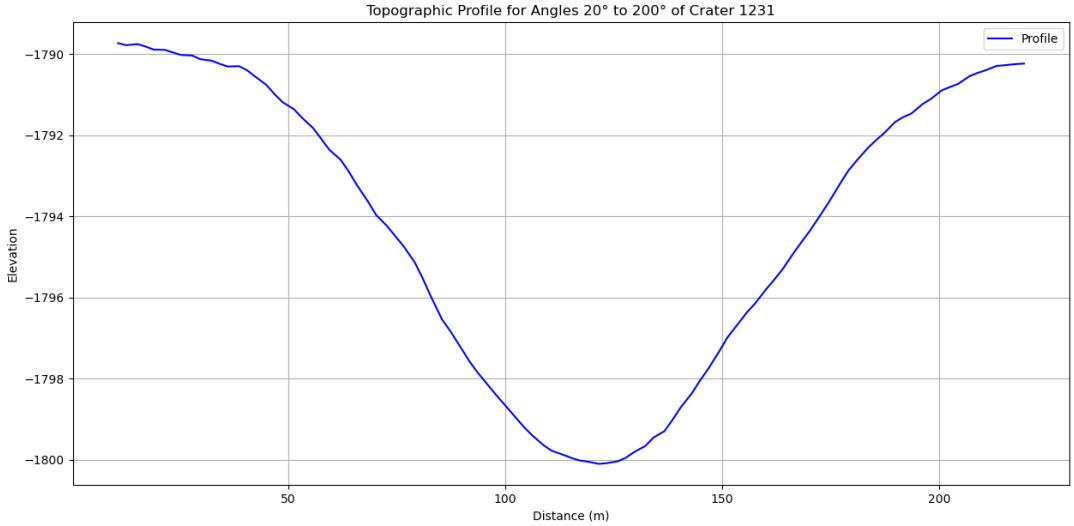
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

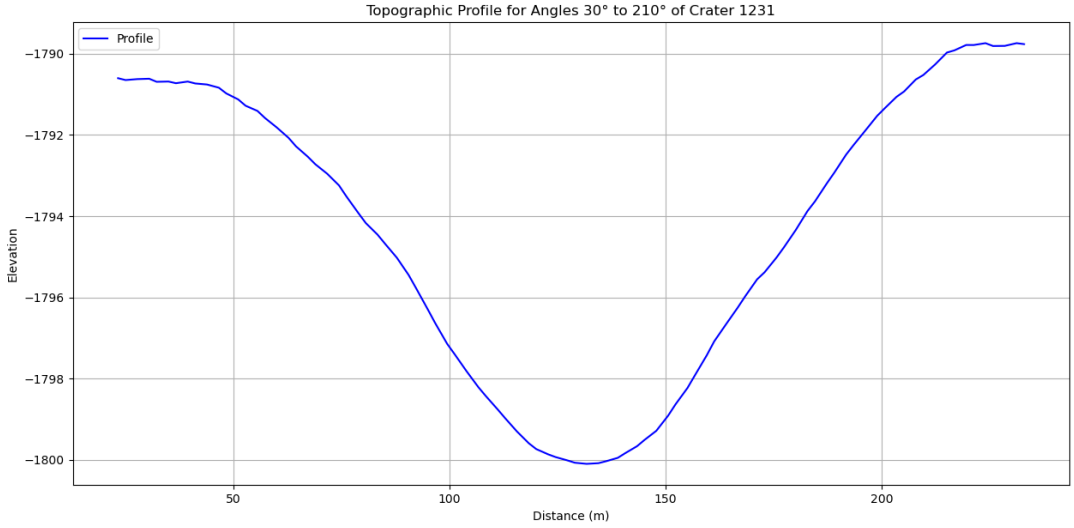


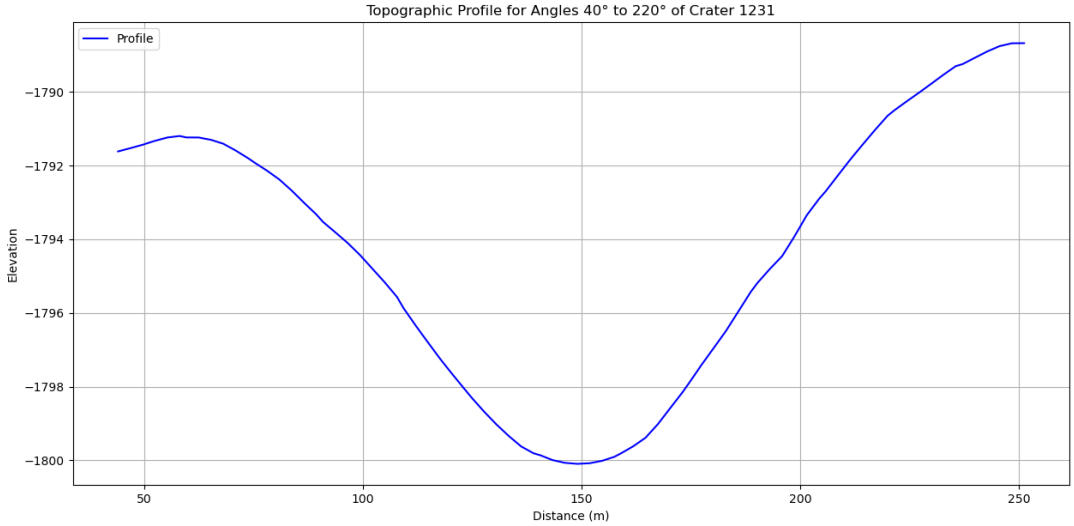
Topographic profiles

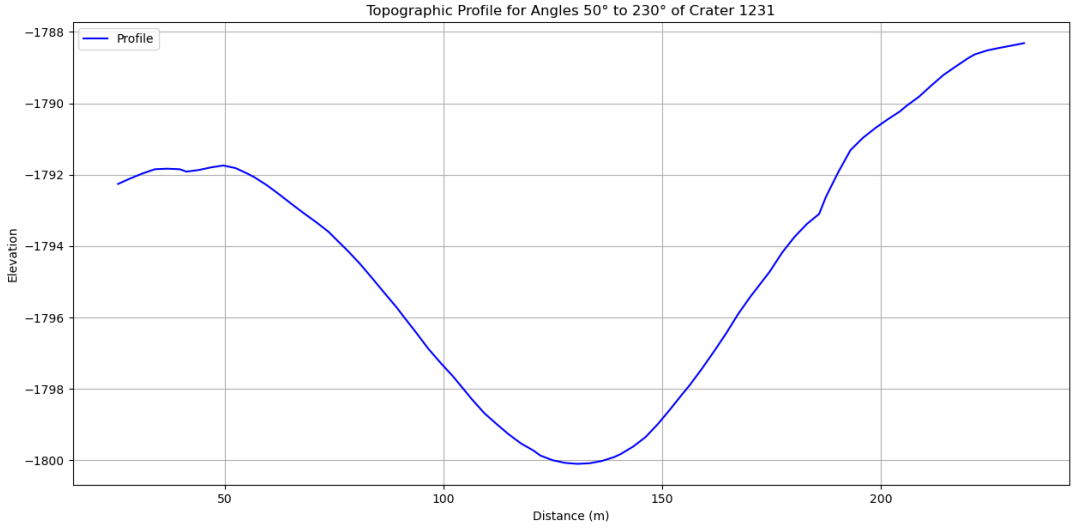


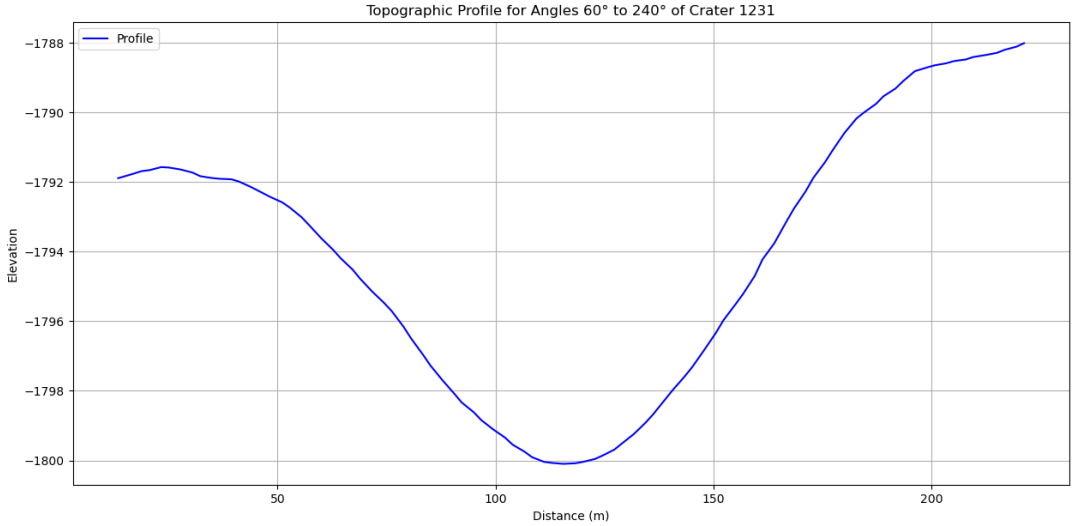

Topographic Profile for Angles 10° to 190° of Crater 1231
Profile
Elevation
−1790
−1792
−1794
−1796
−1798
−1800
0
50
100
150
200
Distance (m)

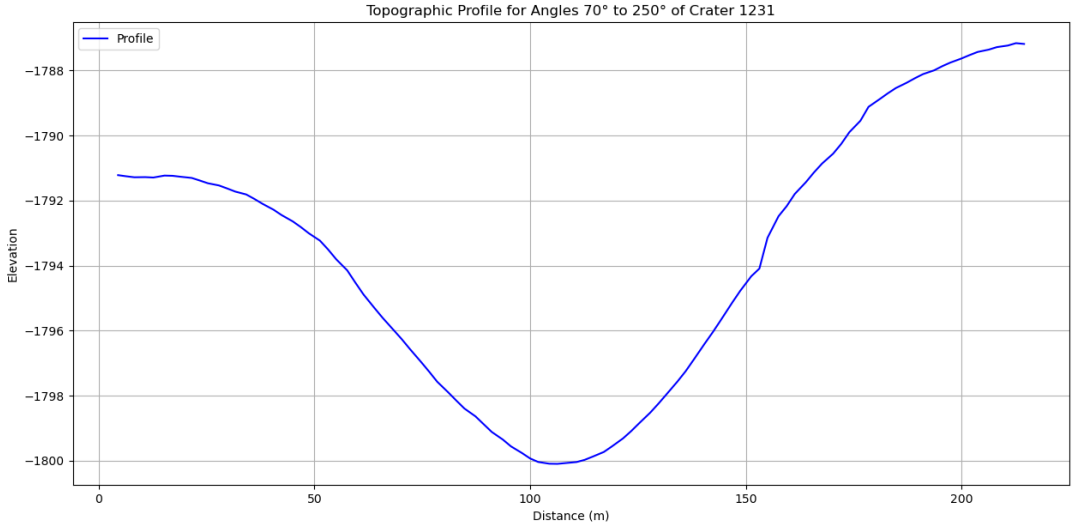

Topographic Profile for Angles 20° to 200° of Crater 1231
Profile
Elevation
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200
Distance (m)

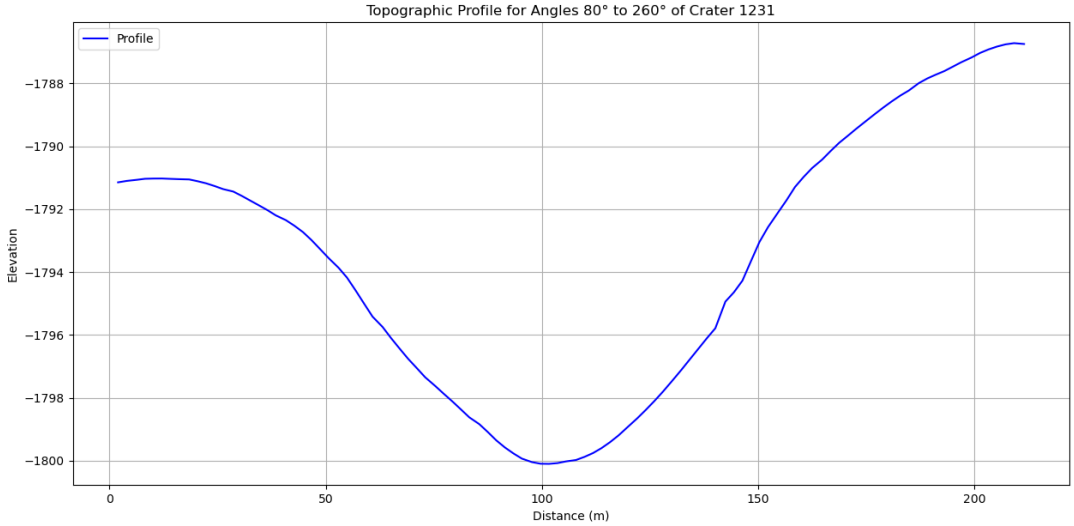

Topographic Profile for Angles 30° to 210° of Crater 1231
Profile
Elevation
Distance (m)
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200

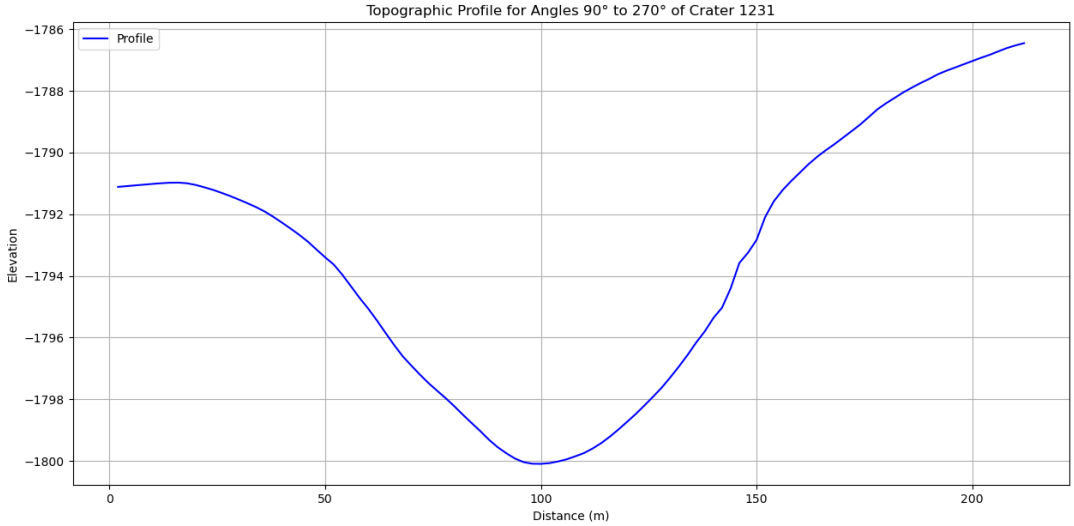

Topographic Profile for Angles 40° to 220° of Crater 1231
Profile
Elevation
Distance (m)
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200
250

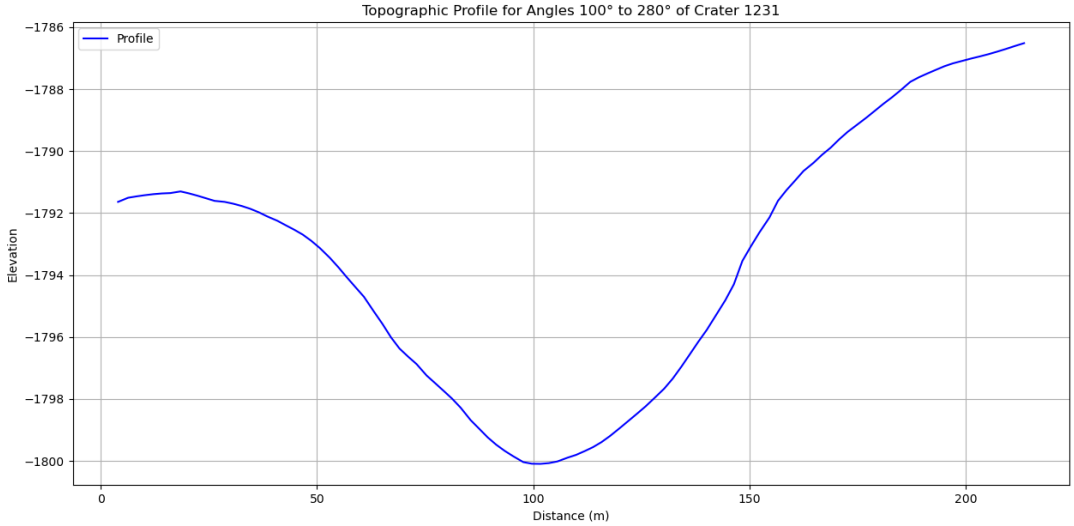

Topographic Profile for Angles 50° to 230° of Crater 1231
Profile
Elevation
Distance (m)
−1788
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200

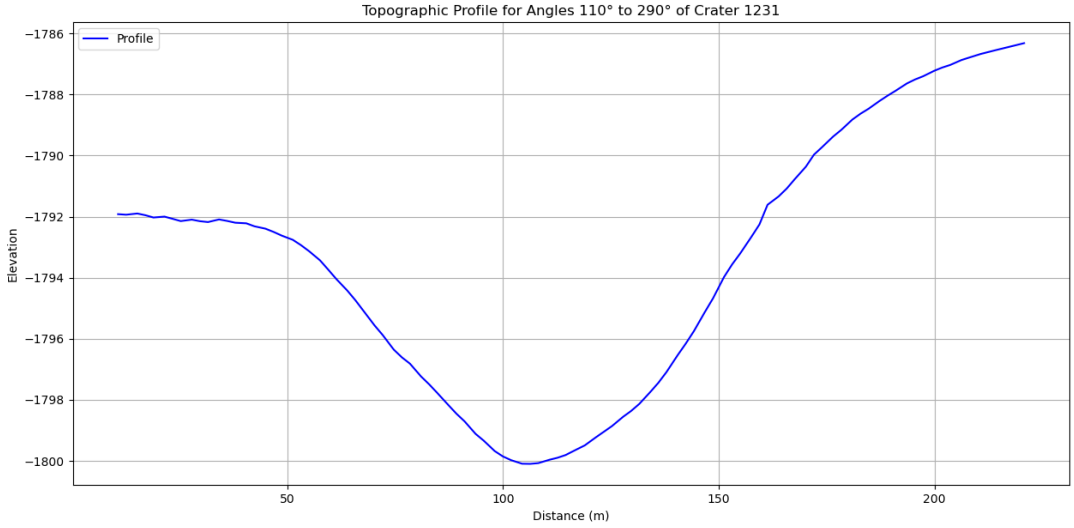

Topographic Profile for Angles 60° to 240° of Crater 1231
Profile
Elevation
Distance (m)
−1788
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200

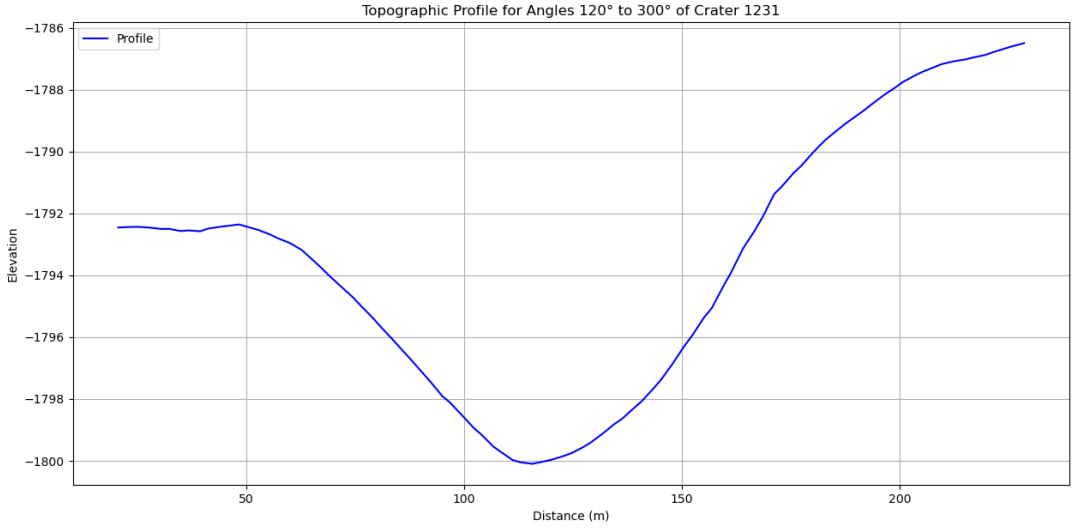

Topographic Profile for Angles 70° to 250° of Crater 1231
Profile
Elevation
Distance (m)
−1788
−1790
−1792
−1794
−1796
−1798
−1800
0
50
100
150
200

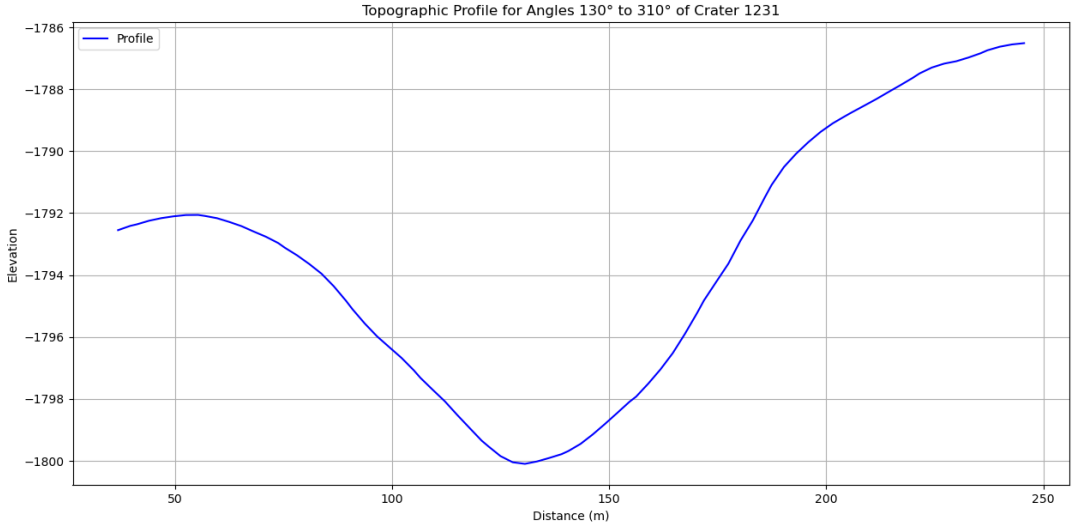

Topographic Profile for Angles 80° to 260° of Crater 1231
Profile
Elevation
Distance (m)
−1788
−1790
−1792
−1794
−1796
−1798
−1800
0
50
100
150
200

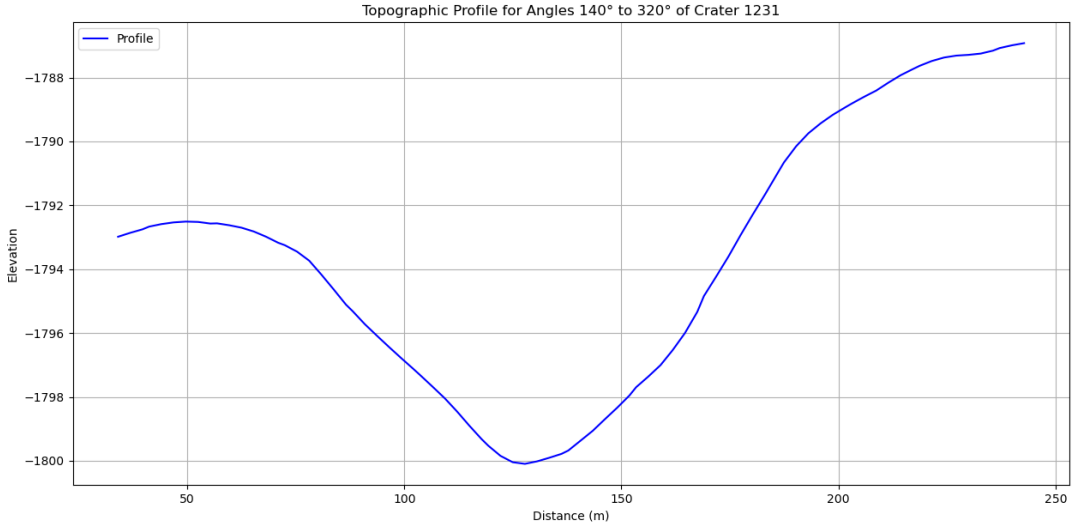

Topographic Profile for Angles 90° to 270° of Crater 1231
Profile
Elevation
Distance (m)
−1786
−1788
−1790
−1792
−1794
−1796
−1798
−1800
0
50
100
150
200

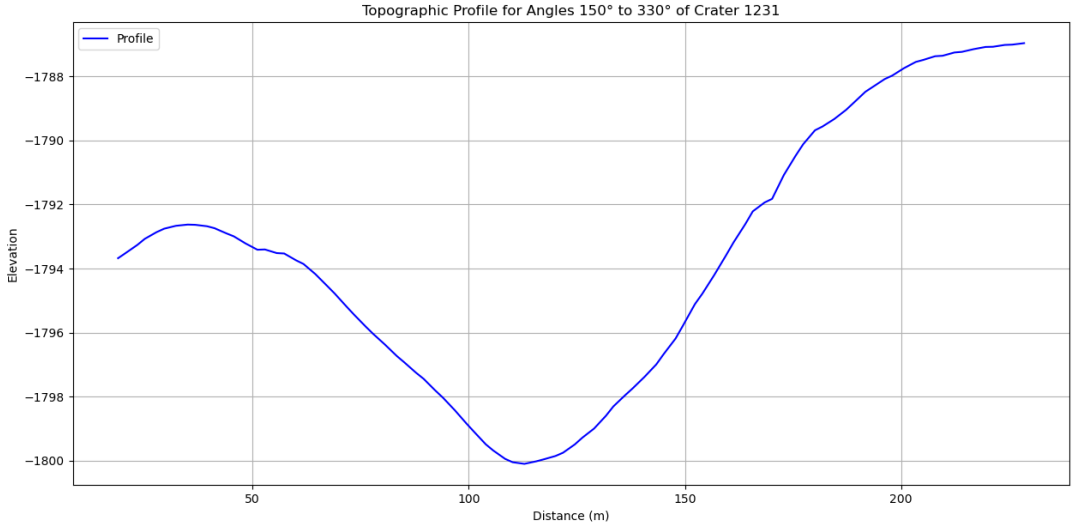

Topographic Profile for Angles 100° to 280° of Crater 1231
Profile
Elevation
Distance (m)
−1786
−1788
−1790
−1792
−1794
−1796
−1798
−1800
0
50
100
150
200

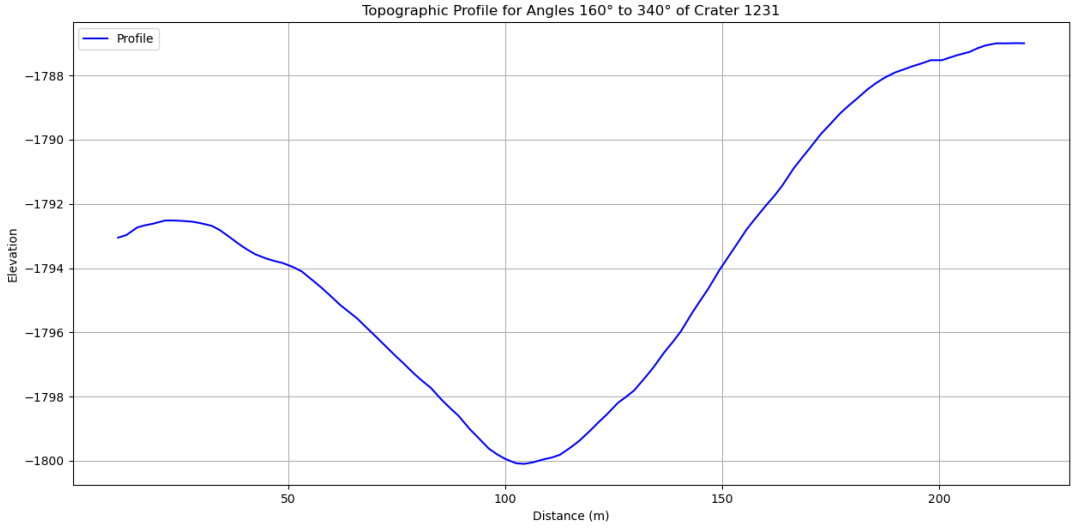

Topographic Profile for Angles 110° to 290° of Crater 1231
Profile
Elevation
Distance (m)
−1786
−1788
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200

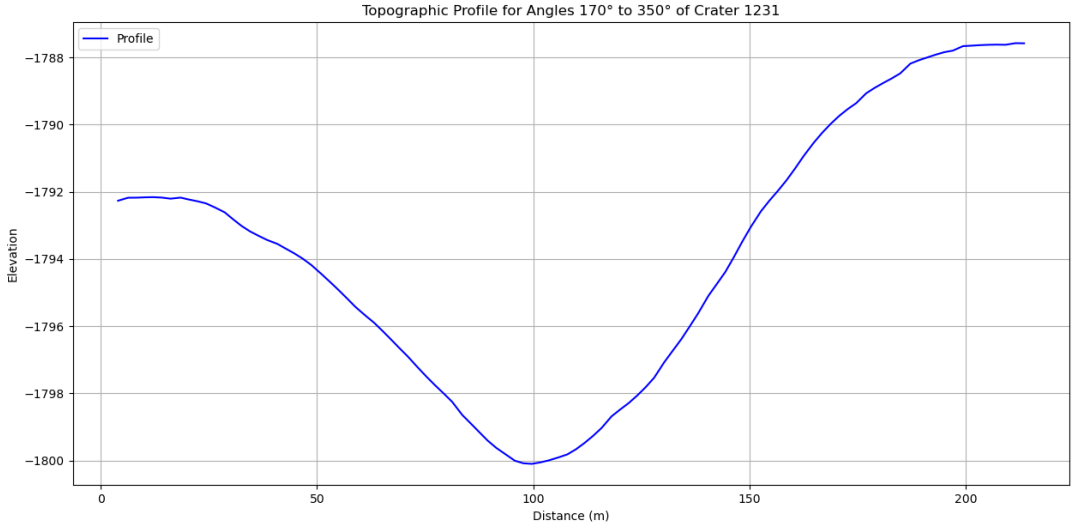

Topographic Profile for Angles 120° to 300° of Crater 1231
Profile
Elevation
Distance (m)
−1786
−1788
−1790
−1792
−1794
−1796
−1798
−1800
50
100
150
200


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)