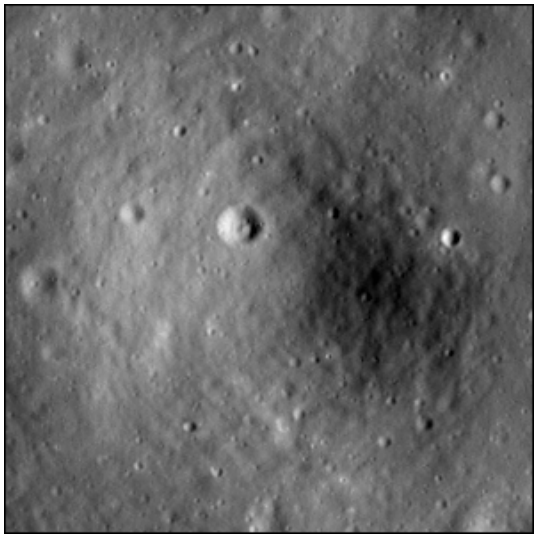
Crater report 2133 of RG2

General information



ID : 2133

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 164m ± 7.0m

Mean depht : 12.8m ± 0.2m

d/D ratio : 0.077 ± 0.004

Circularity index : 0.92

Slope : Between 9.89° et 14.29°

Mean value of TRI on the rim crest : 0.21

Geometric center coordinates : (3658590.76285146, 219418.37812363464)

Coordinates of the crater's lowest point : (3658595.000001101, 219415.0000000647)

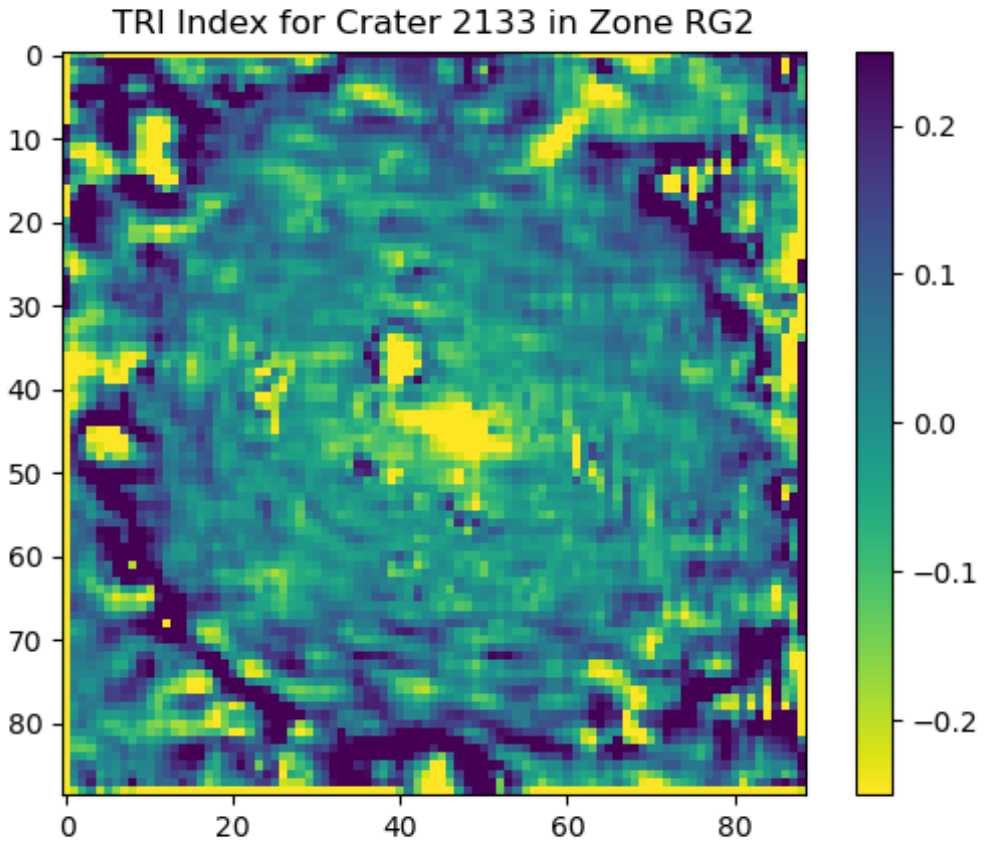
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	13.26	0.56
10°	13.19	0.55
20°	13.72	0.51
30°	14.03	0.48
40°	14.29	0.44
50°	13.73	0.43
60°	13.03	0.48
70°	12.64	0.52
80°	12.99	0.55
90°	12.85	0.57
100°	11.93	0.54
110°	11.46	0.51

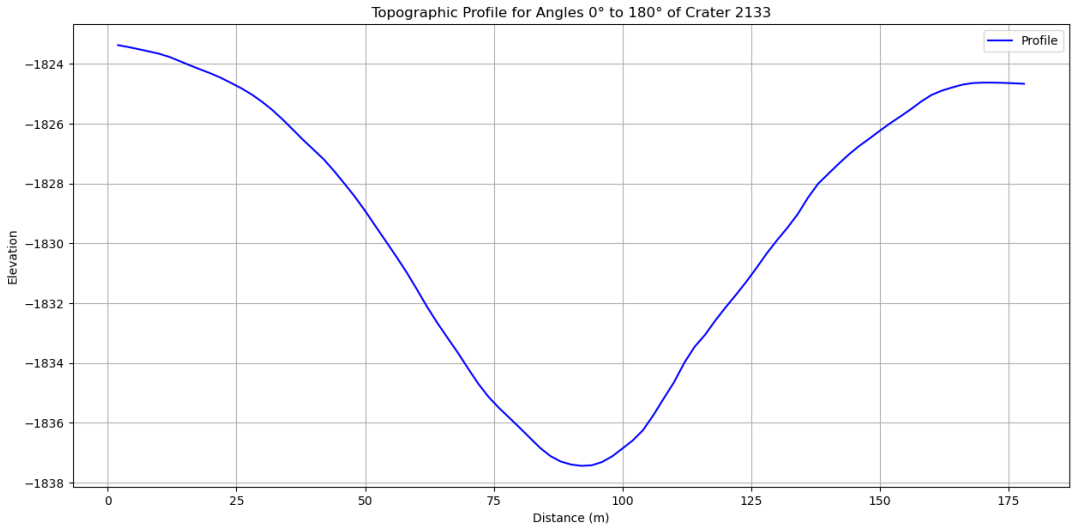
120°	10.51	0.48
130°	11.27	0.43
140°	11.4	0.43
150°	11.65	0.48
160°	11.94	0.51
170°	12.23	0.54
180°	12.84	0.57
190°	13.04	0.54
200°	12.94	0.51
210°	12.8	0.48
220°	11.99	0.43
230°	10.56	0.44
240°	10.78	0.48
250°	10.79	0.52
260°	11.68	0.54
270°	12.22	0.57
280°	10.94	0.54
290°	9.89	0.51
300°	10.34	0.48
310°	11.78	0.43
320°	11.88	0.43
330°	11.74	0.47
340°	11.69	0.51
350°	12.41	0.54

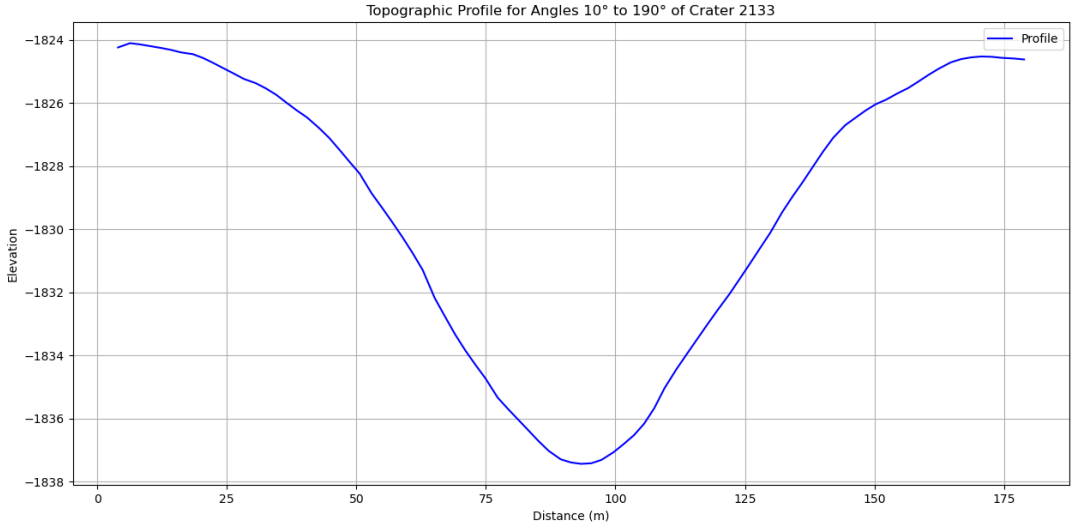
Topographic roughness index (TRI)

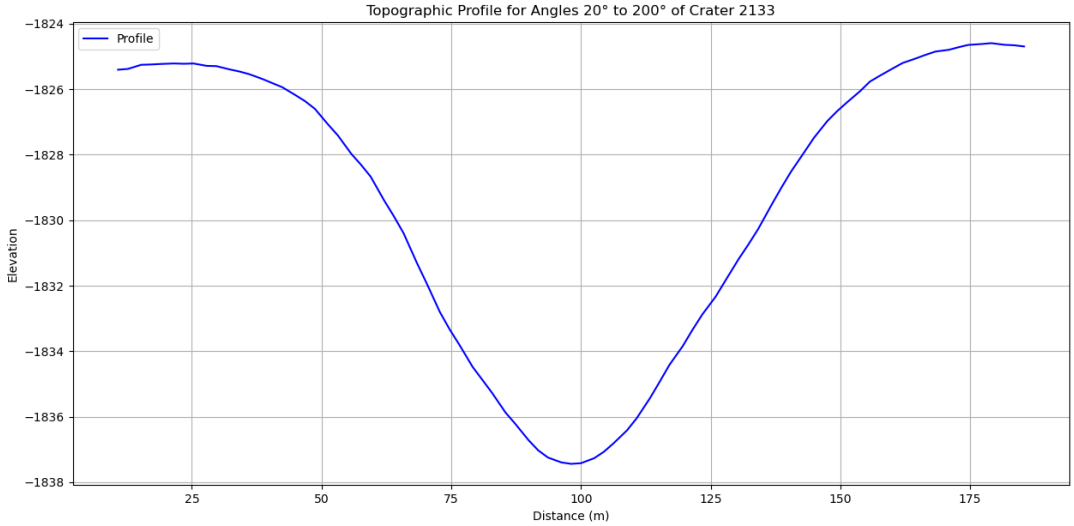
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

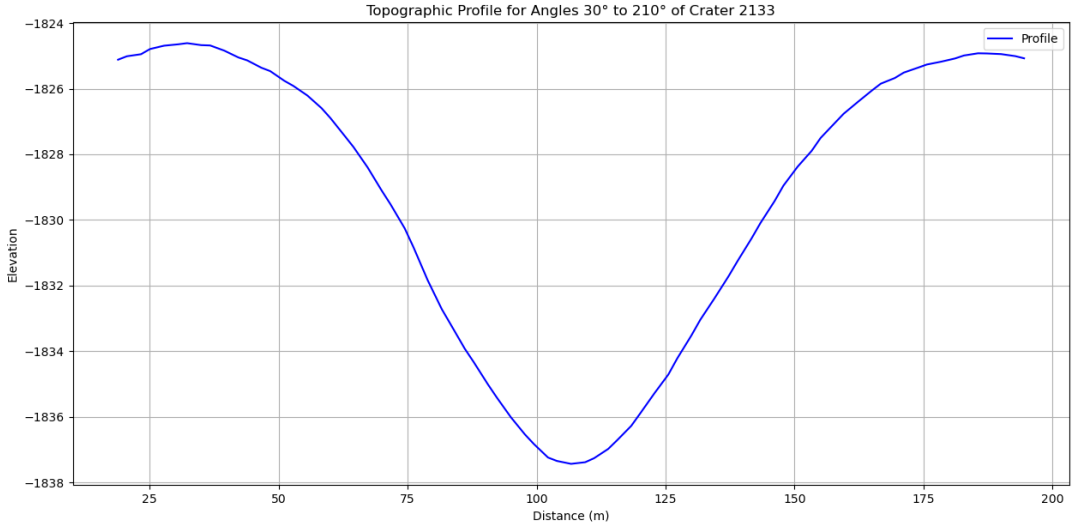


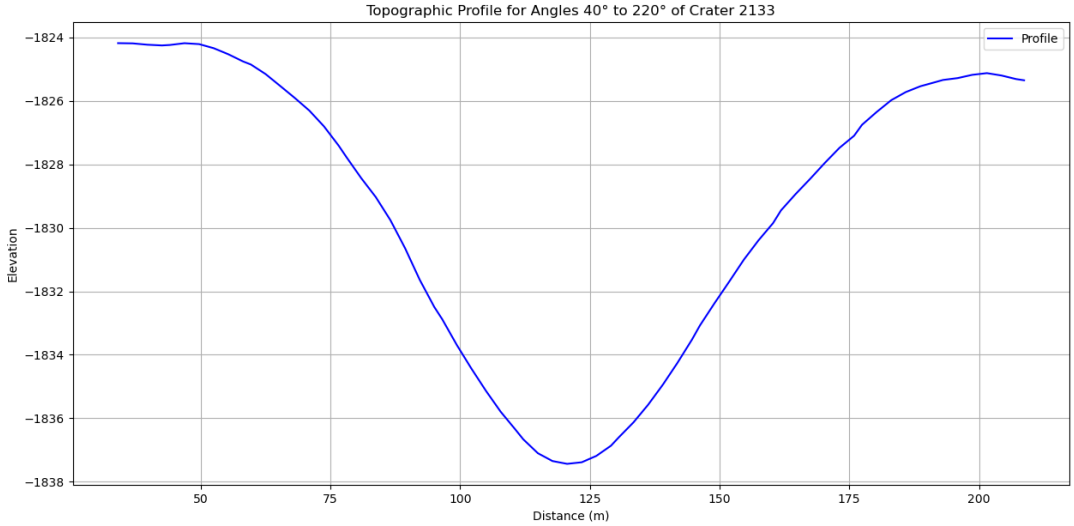
Topographic profiles

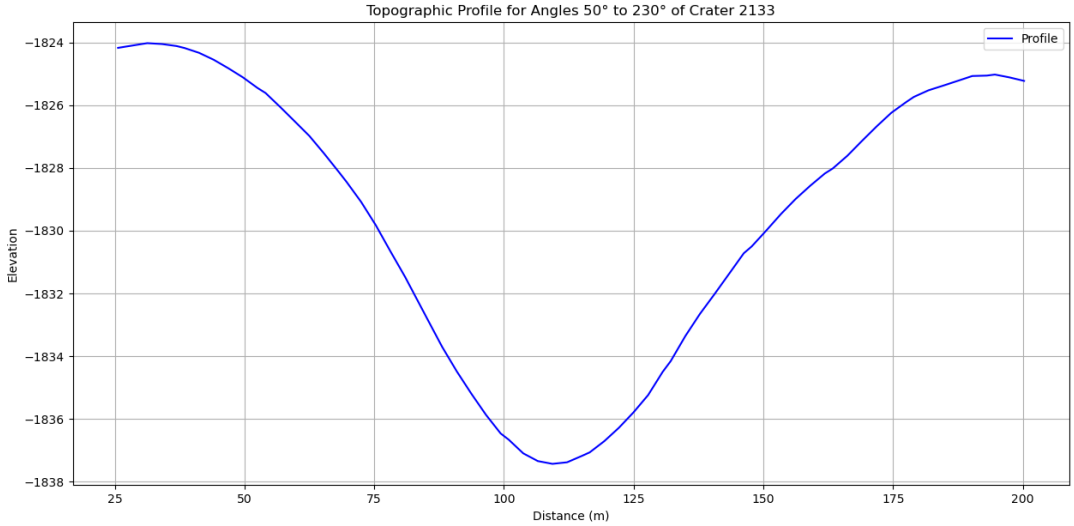


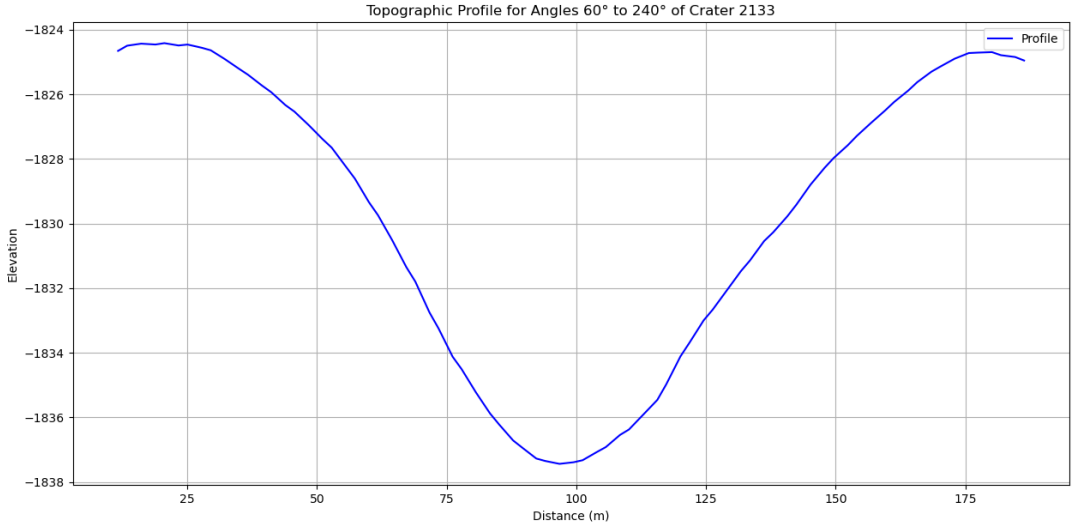

Topographic Profile for Angles 10° to 190° of Crater 2133
Profile
Elevation
Distance (m)
−1824
−1826
−1828
−1830
−1832
−1834
−1836
−1838
0
25
50
75
100
125
150
175

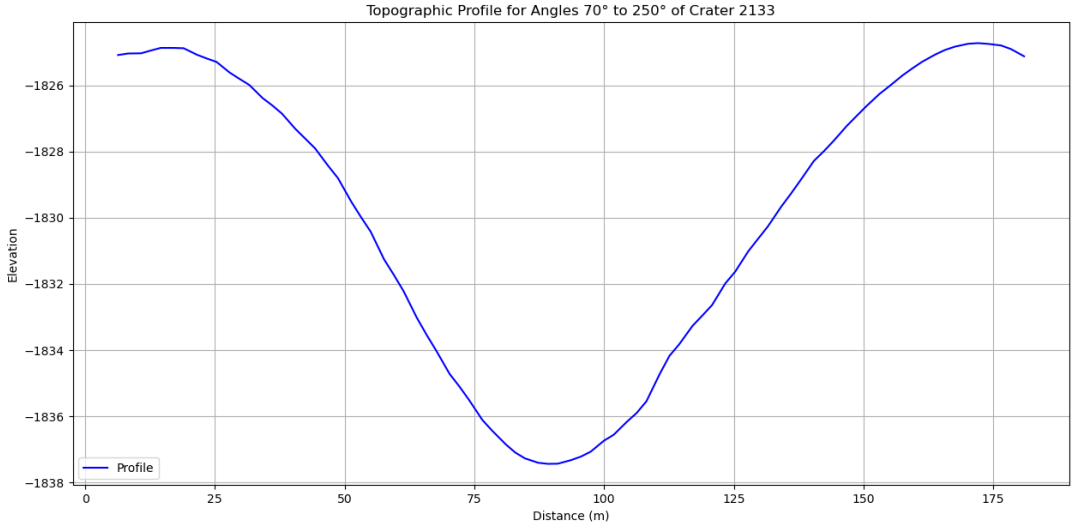

Topographic Profile for Angles 20° to 200° of Crater 2133
Profile
Elevation
Distance (m)
−1824
−1826
−1828
−1830
−1832
−1834
−1836
−1838
25
50
75
100
125
150
175

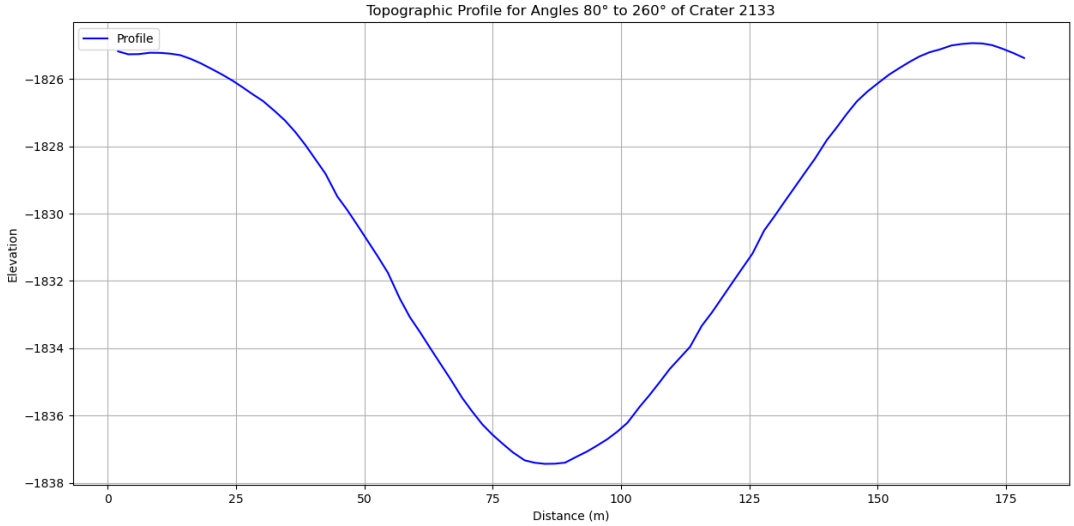

Topographic Profile for Angles 30° to 210° of Crater 2133
Profile
Elevation
Distance (m)
−1824
−1826
−1828
−1830
−1832
−1834
−1836
−1838
25
50
75
100
125
150
175
200

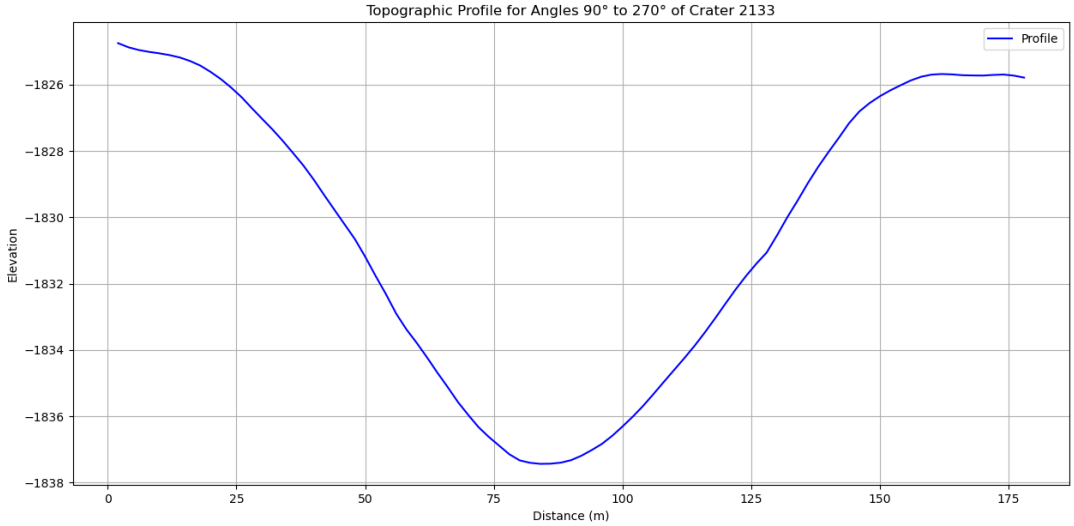

Topographic Profile for Angles 40° to 220° of Crater 2133
Profile
Elevation
Distance (m)
−1824
−1826
−1828
−1830
−1832
−1834
−1836
−1838
50
75
100
125
150
175
200

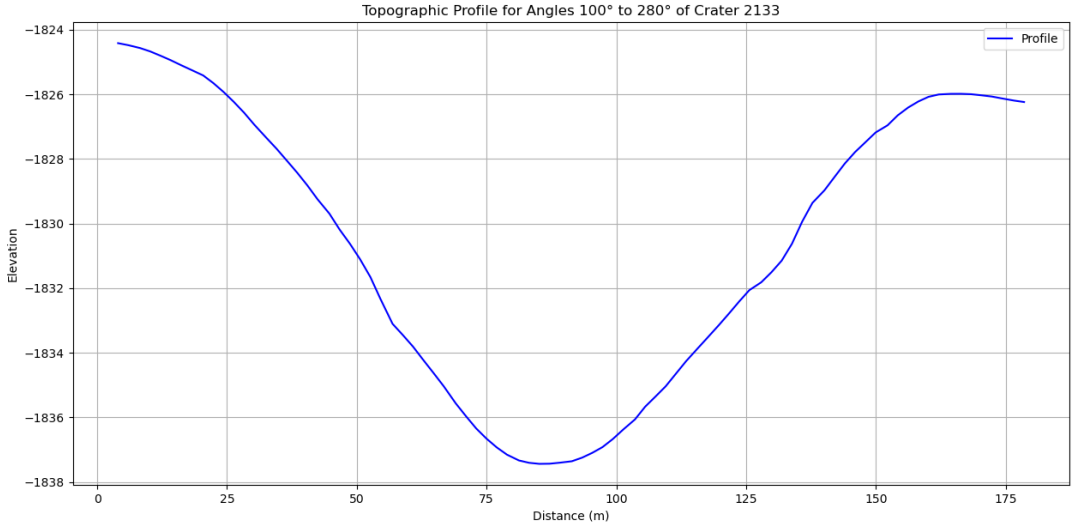

Topographic Profile for Angles 50° to 230° of Crater 2133
Profile
Elevation
Distance (m)
−1824
−1826
−1828
−1830
−1832
−1834
−1836
−1838
25
50
75
100
125
150
175
200

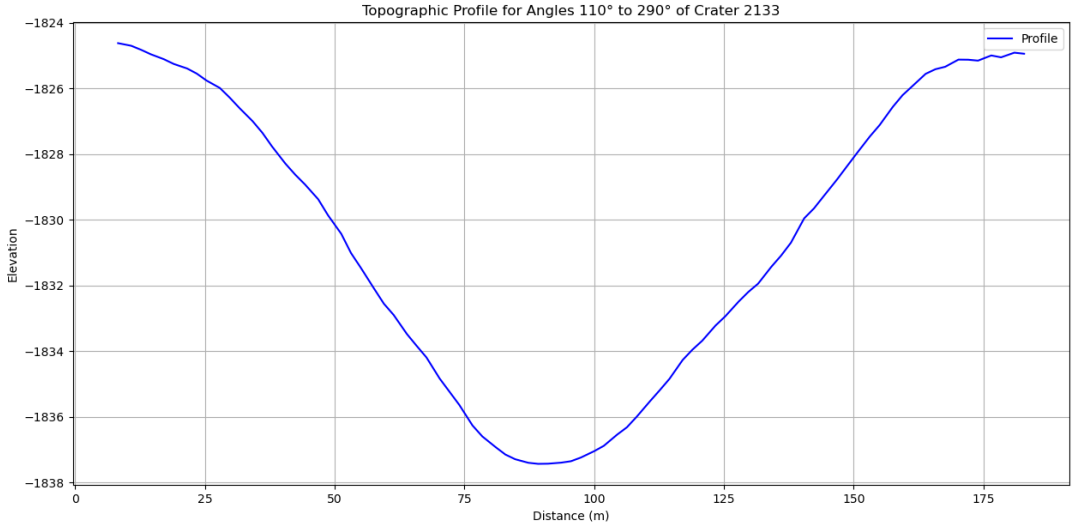

Topographic Profile for Angles 60° to 240° of Crater 2133
Profile
Elevation
Distance (m)
−1824
−1826
−1828
−1830
−1832
−1834
−1836
−1838
25
50
75
100
125
150
175

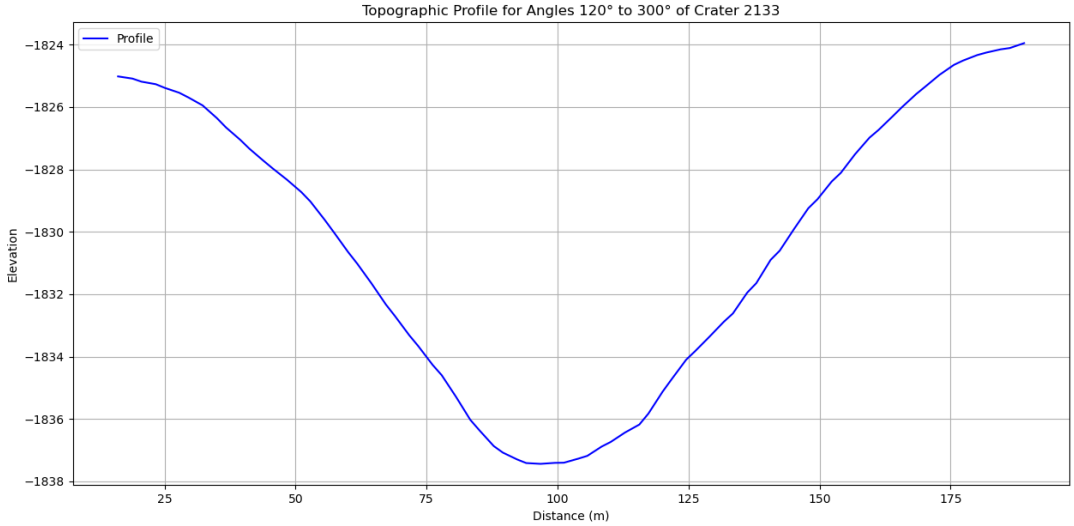

Topographic Profile for Angles 70° to 250° of Crater 2133
Elevation
Distance (m)
Profile
−1826
−1828
−1830
−1832
−1834
−1836
−1838
0
25
50
75
100
125
150
175

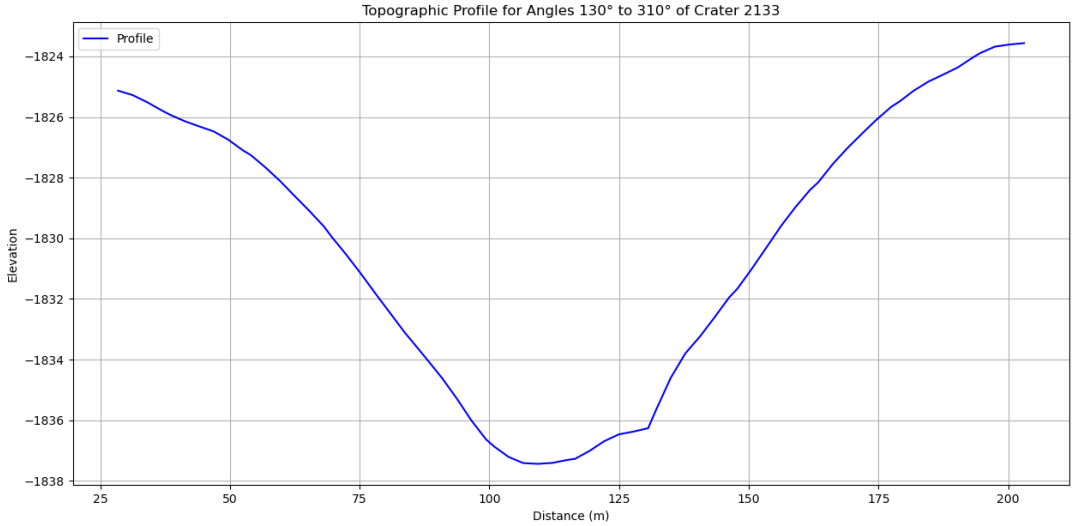

Topographic Profile for Angles 80° to 260° of Crater 2133
Elevation
Distance (m)
Profile
−1826
−1828
−1830
−1832
−1834
−1836
−1838
0
25
50
75
100
125
150
175

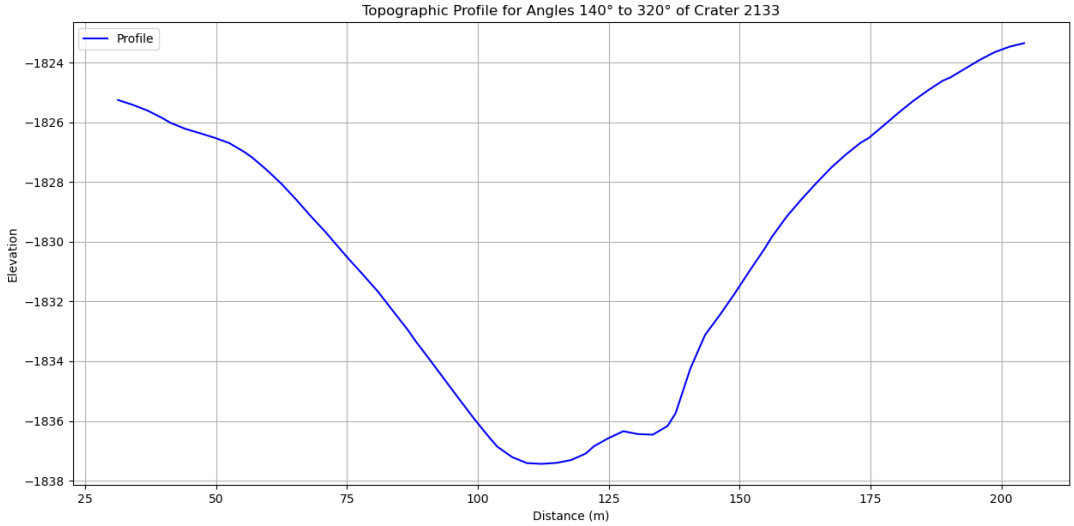

Topographic Profile for Angles 90° to 270° of Crater 2133
Profile
Elevation
−1826
−1828
−1830
−1832
−1834
−1836
−1838
0
25
50
75
100
125
150
175
Distance (m)

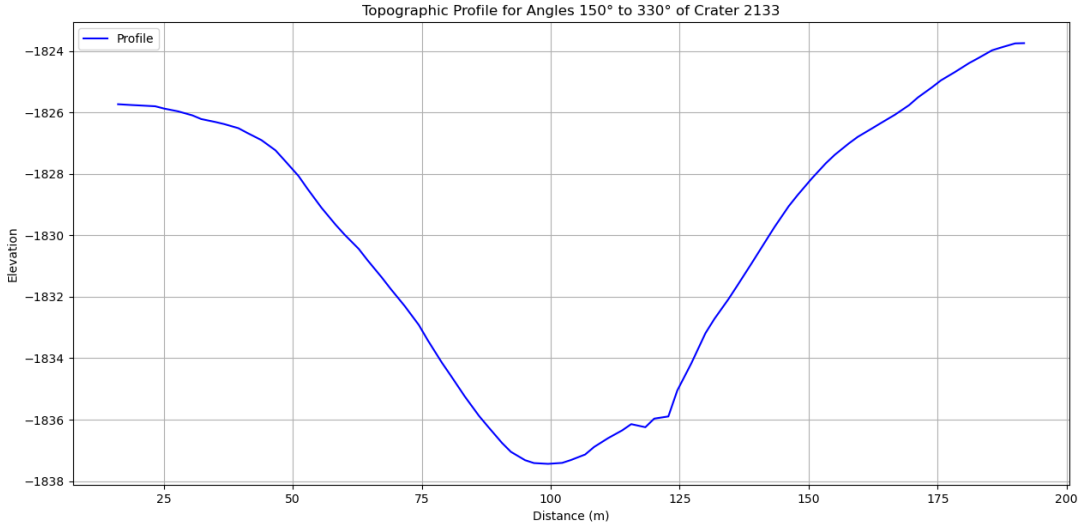

Topographic Profile for Angles 100° to 280° of Crater 2133
Profile
Elevation
−1824
−1826
−1828
−1830
−1832
−1834
−1836
−1838
0
25
50
75
100
125
150
175
Distance (m)

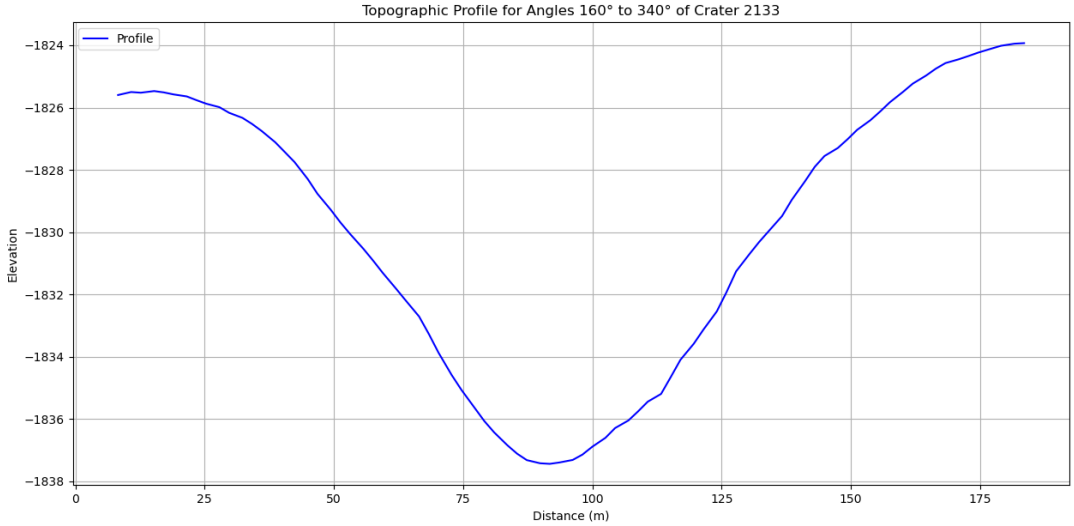

Topographic Profile for Angles 110° to 290° of Crater 2133
Profile
Elevation
Distance (m)
−1824
−1826
−1828
−1830
−1832
−1834
−1836
−1838
0
25
50
75
100
125
150
175

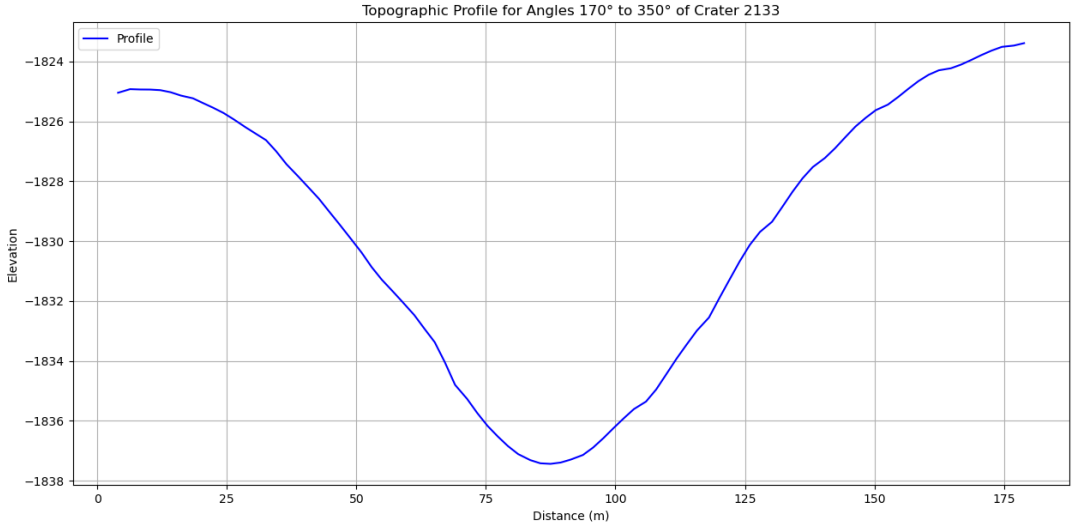

Topographic Profile for Angles 120° to 300° of Crater 2133
Profile
Elevation
Distance (m)
−1824
−1826
−1828
−1830
−1832
−1834
−1836
−1838
25
50
75
100
125
150
175


Topographic Profile for Angles 130° to 310° of Crater 2133
Profile
Elevation
Distance (m)
−1824
−1826
−1828
−1830
−1832
−1834
−1836
−1838
25
50
75
100
125
150
175
200


Topographic Profile for Angles 140° to 320° of Crater 2133
Profile
Elevation
Distance (m)
−1824
−1826
−1828
−1830
−1832
−1834
−1836
−1838
25
50
75
100
125
150
175
200


Topographic Profile for Angles 150° to 330° of Crater 2133
Profile
Elevation
Distance (m)
−1824
−1826
−1828
−1830
−1832
−1834
−1836
−1838
25
50
75
100
125
150
175
200


Topographic Profile for Angles 160° to 340° of Crater 2133
Profile
Elevation
Distance (m)
−1824
−1826
−1828
−1830
−1832
−1834
−1836
−1838
0
25
50
75
100
125
150
175


Topographic Profile for Angles 170° to 350° of Crater 2133
Profile
Elevation
−1824
−1826
−1828
−1830
−1832
−1834
−1836
−1838
0
25
50
75
100
125
150
175
Distance (m)