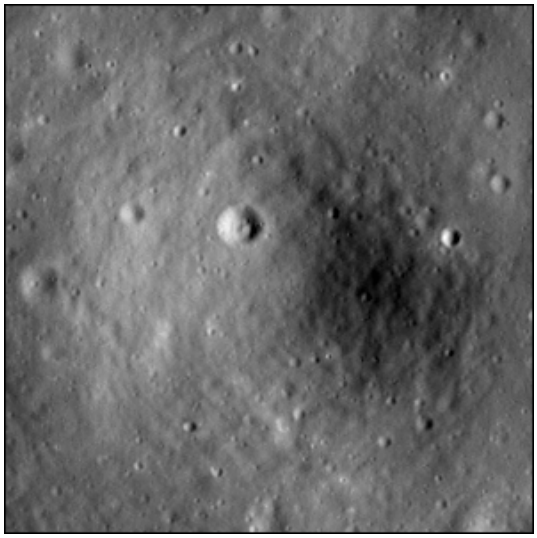
Crater report 2133 of RG2

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

Mean slope : 10.27°

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)

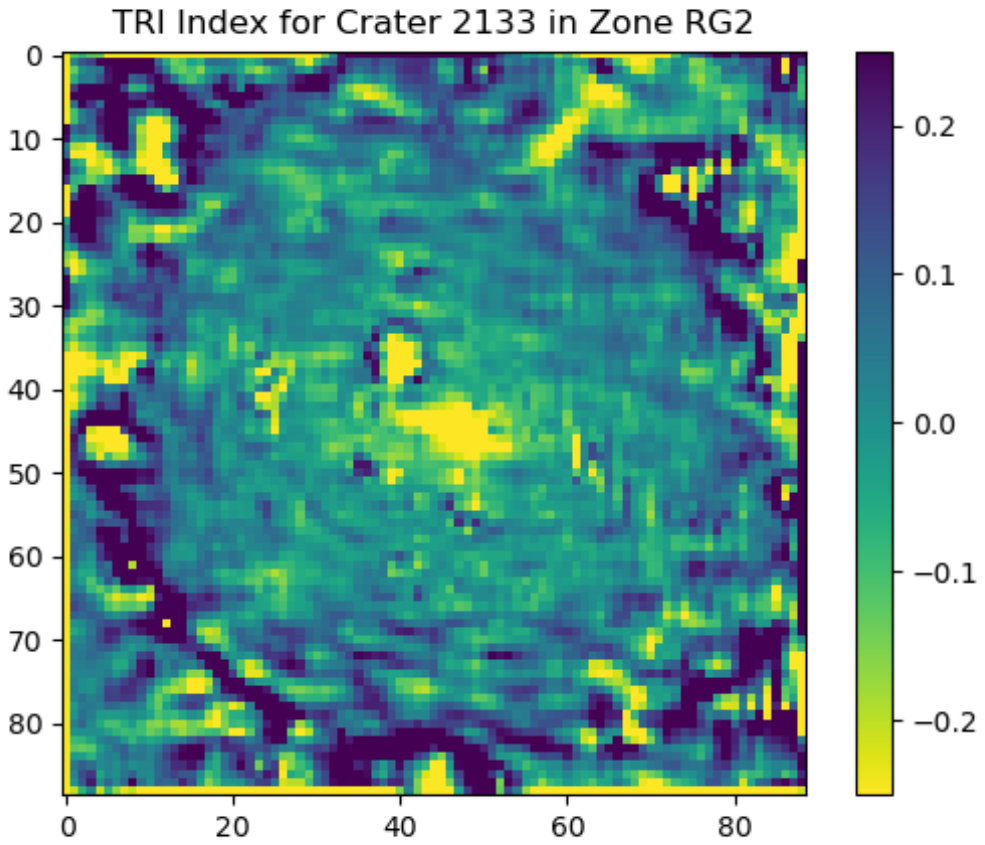
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	11.3	0.57
10°	11.22	0.54
20°	11.46	0.51
30°	11.77	0.48
40°	12.21	0.43
50°	11.86	0.43
60°	11.11	0.48
70°	10.72	0.52
80°	10.83	0.54
90°	10.94	0.57
100°	10.26	0.54
110°	9.93	0.51

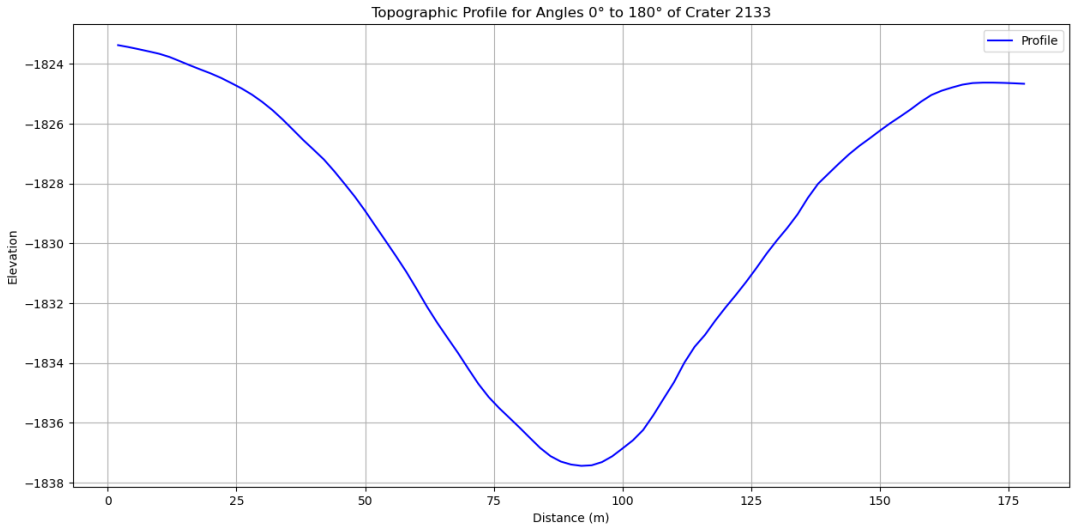
120°	9.47	0.48
130°	10.14	0.43
140°	10.25	0.43
150°	10.15	0.48
160°	10.32	0.51
170°	10.6	0.54
180°	11.37	0.57
190°	11.43	0.54
200°	11.11	0.51
210°	10.83	0.48
220°	10.4	0.43
230°	9.25	0.44
240°	9.17	0.48
250°	9.13	0.51
260°	9.36	0.54
270°	9.49	0.57
280°	8.66	0.54
290°	8.1	0.51
300°	8.53	0.48
310°	9.43	0.43
320°	9.35	0.43
330°	9.21	0.48
340°	9.67	0.51
350°	10.52	0.54

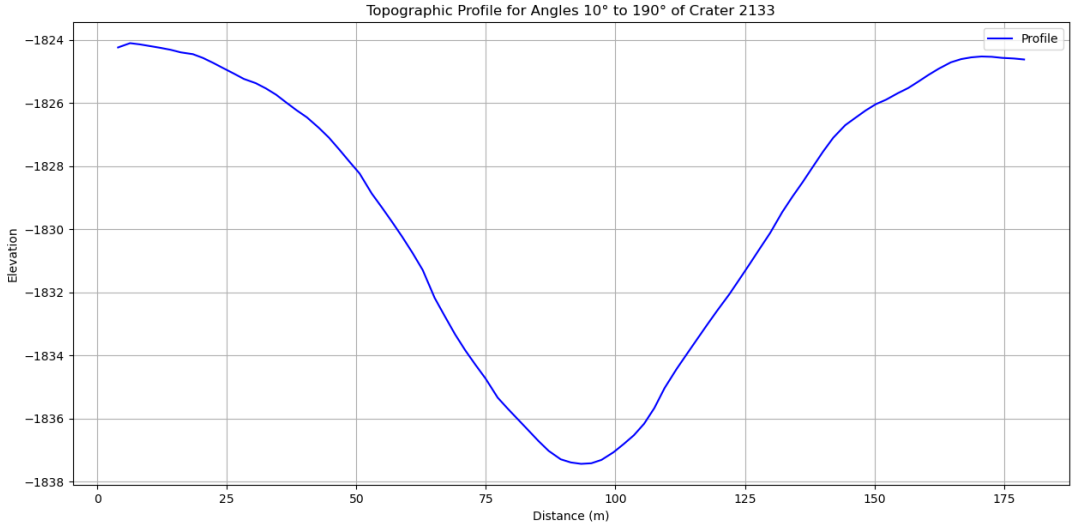
Topographic roughness index (TRI)

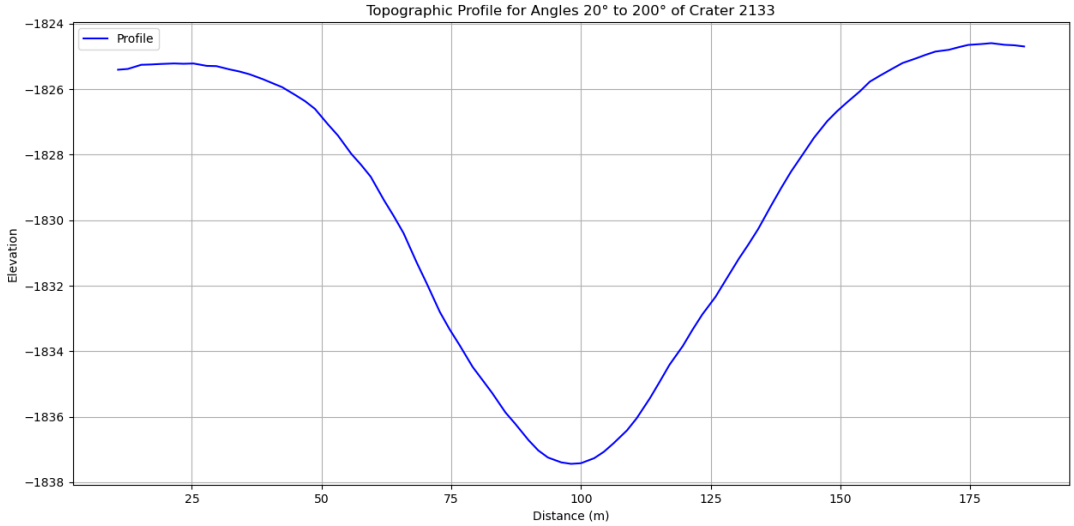
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

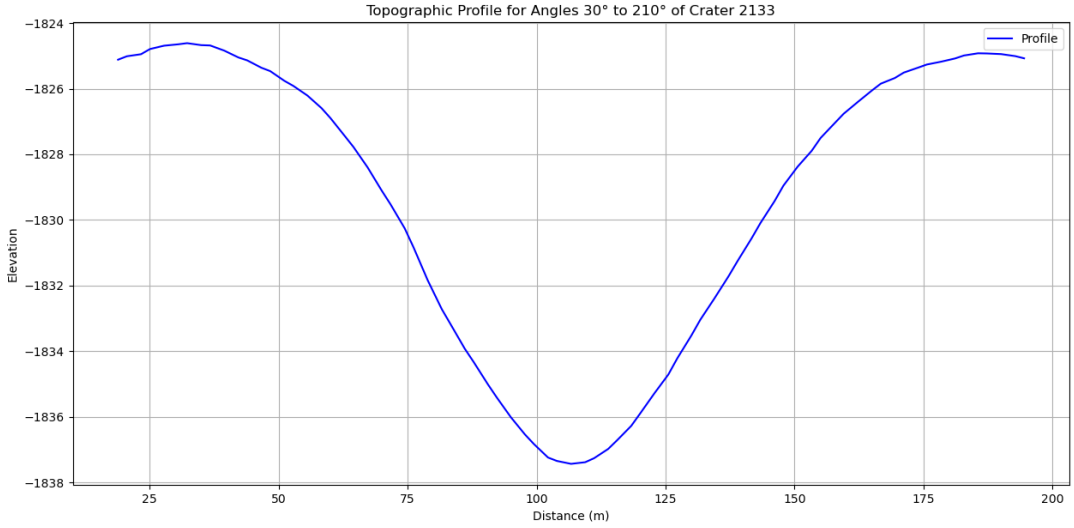


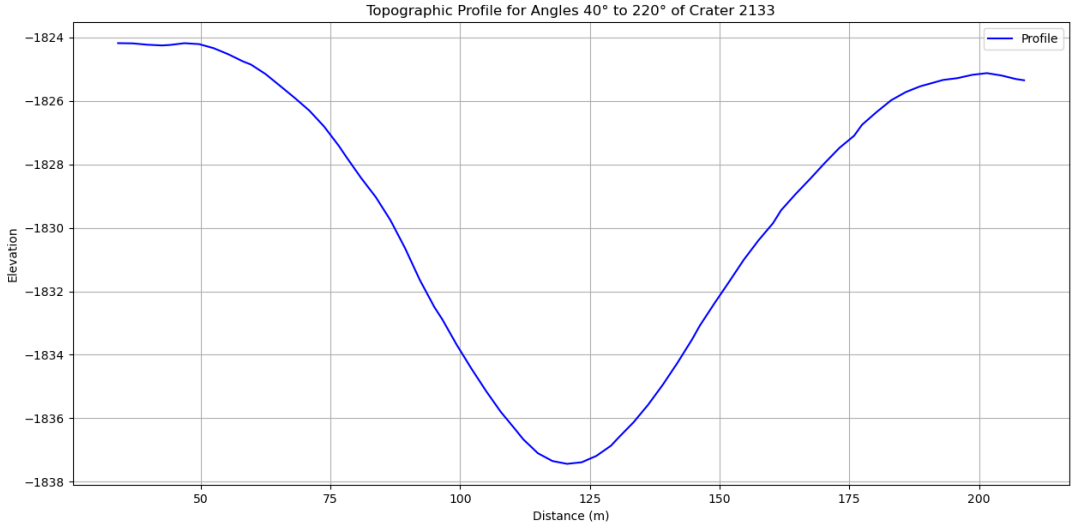
Topographic profiles




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)
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−1826
−1828
−1830
−1832
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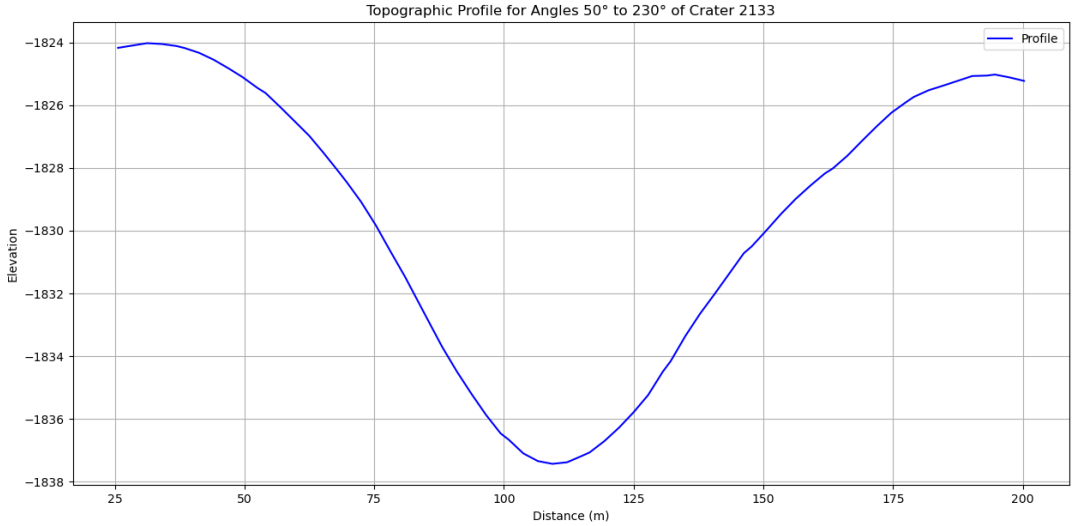
−1836
−1838
50
75
100
125
150
175
200


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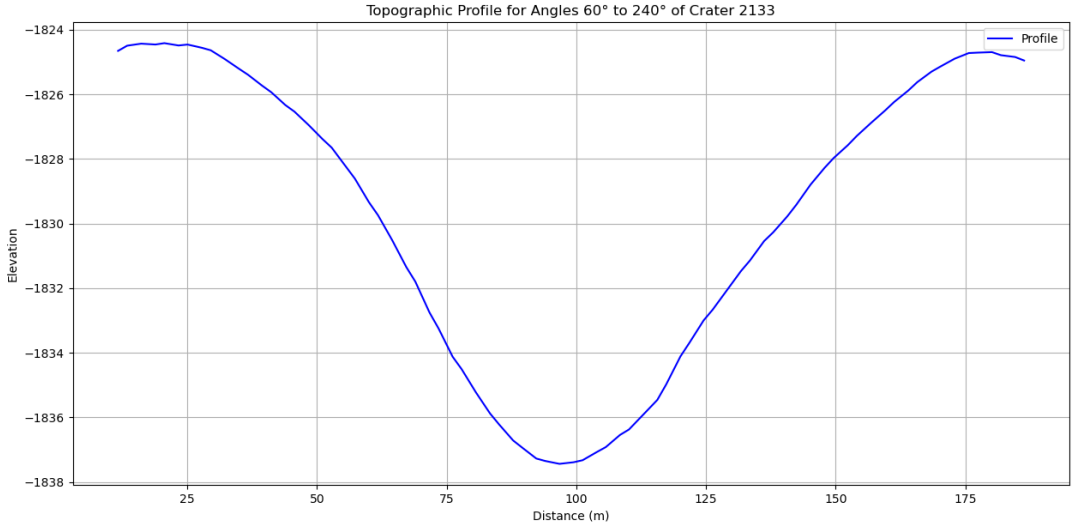
−1836
−1838
25
50
75
100
125
150
175
200


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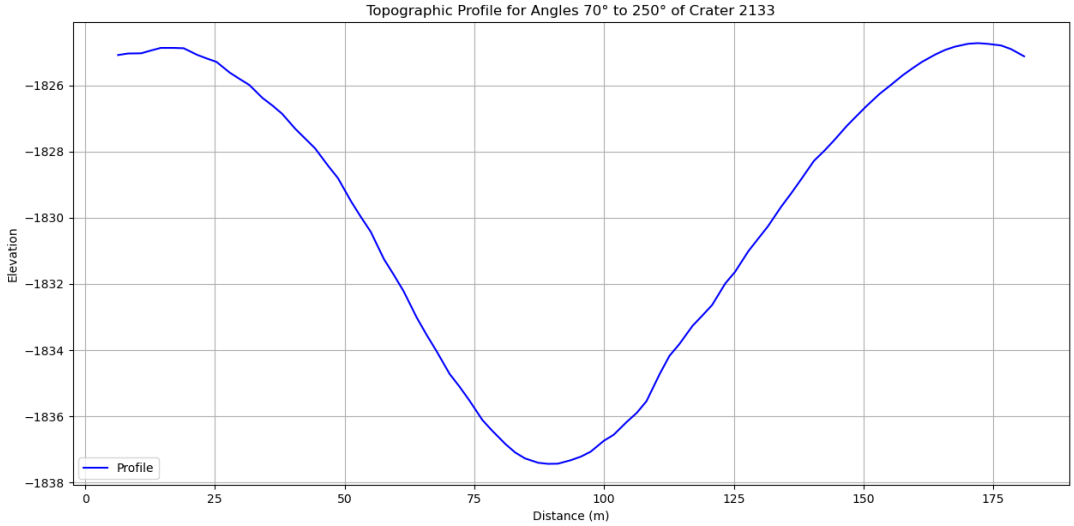
−1836
−1838
25
50
75
100
125
150
175


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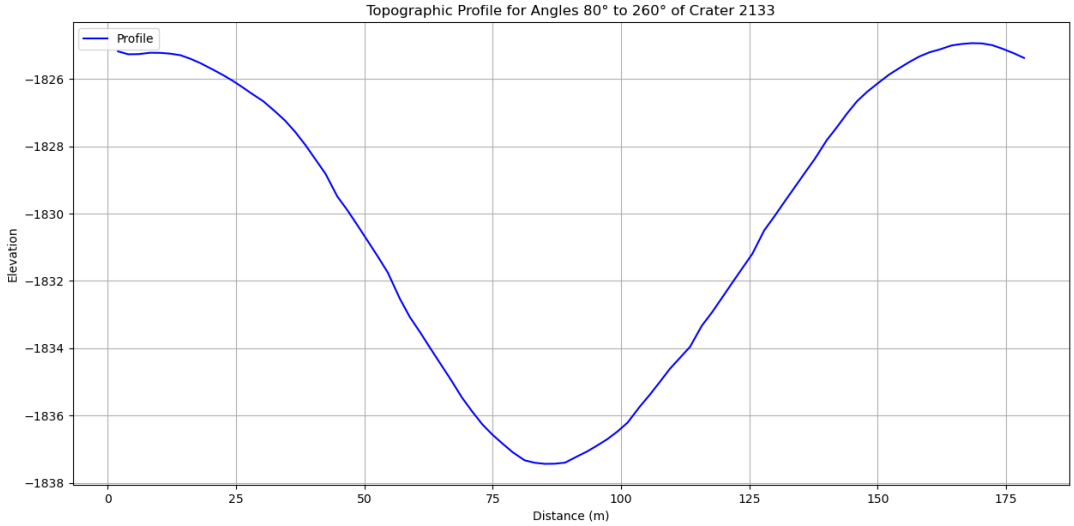
−1828
−1830
−1832
−1834
−1836
−1838
0
25
50
75
100
125
150
175


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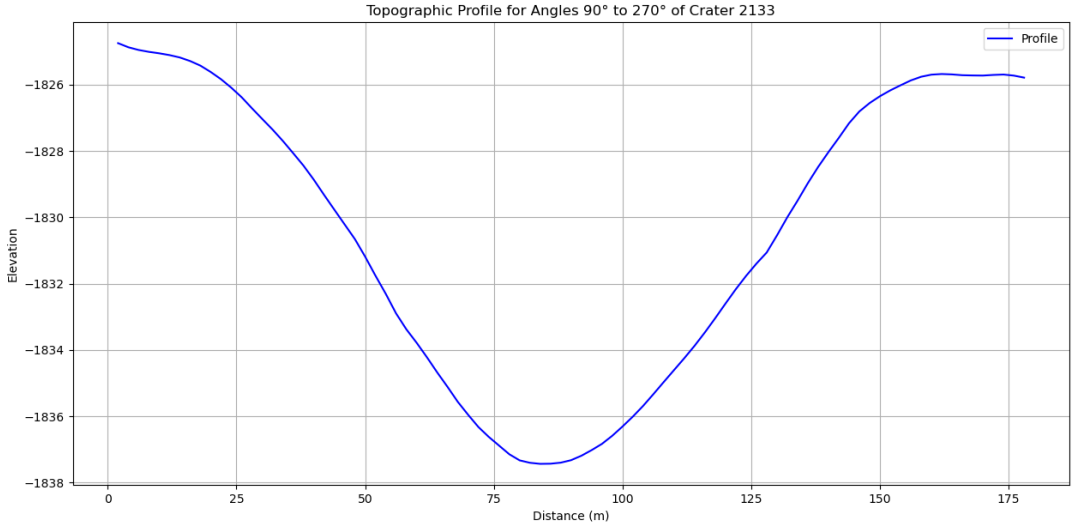
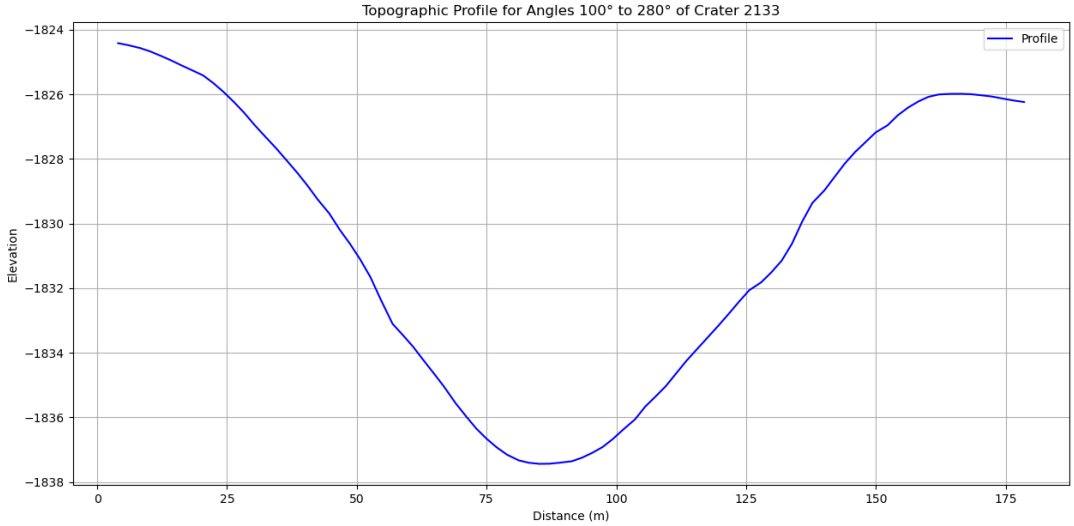
−1828
−1830
−1832
−1834
−1836
−1838
0
25
50
75
100
125
150
175


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
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100
125
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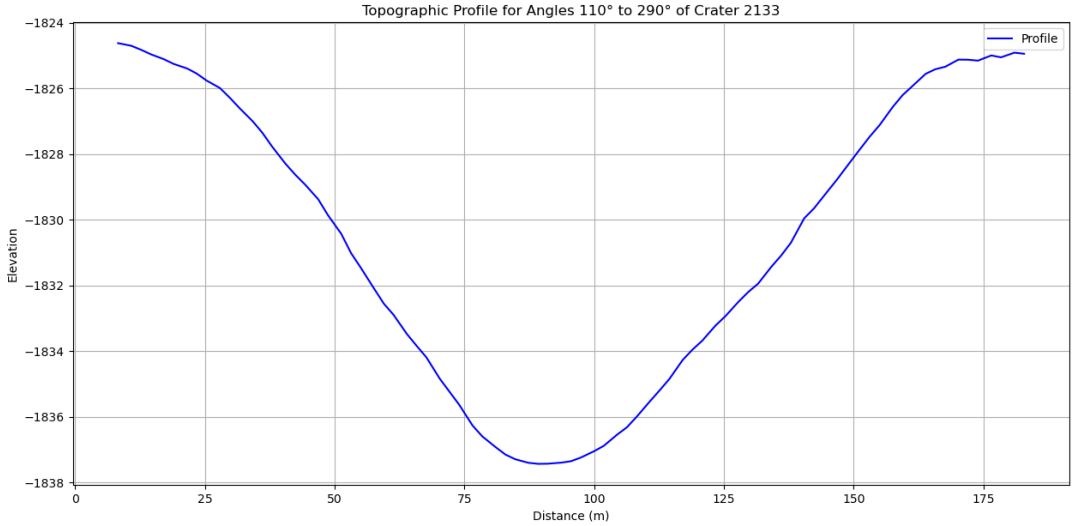
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 2133
Profile
Elevation
Distance (m)
−1824
−1826
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−1830
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−1836
−1838
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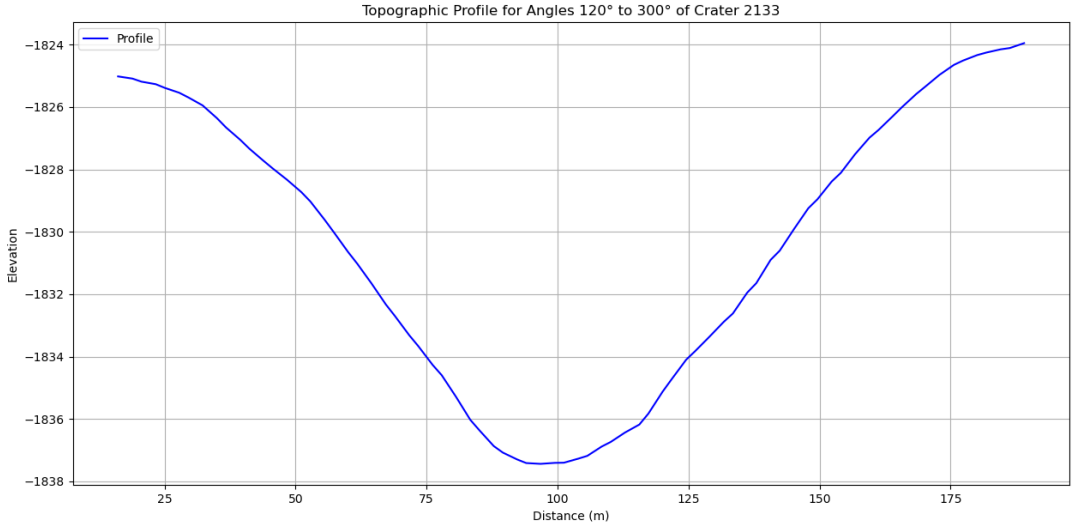
Topographic Profile for Angles 120° to 300° of Crater 2133
Profile
Elevation
Distance (m)
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−1826
−1828
−1830
−1832
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−1836
−1838
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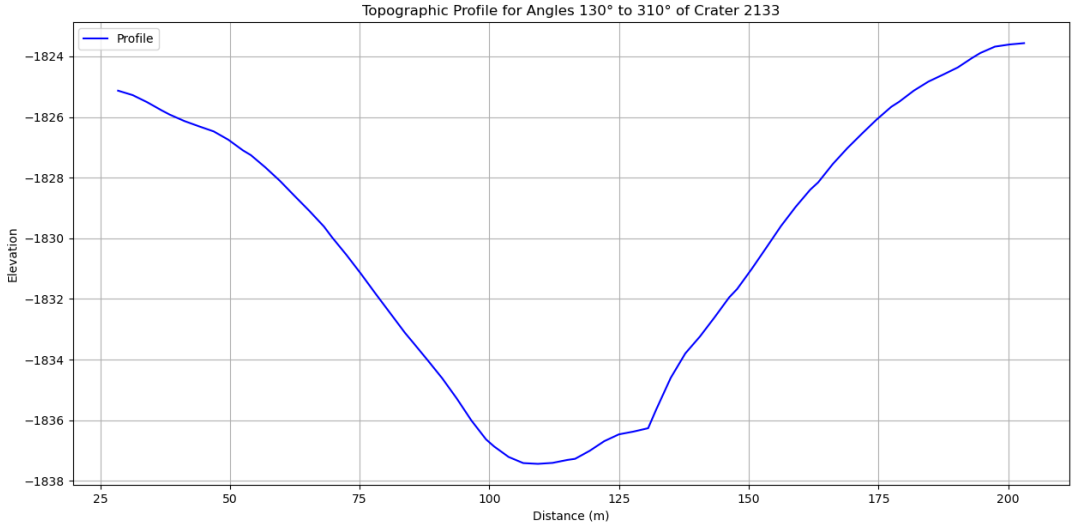
Topographic Profile for Angles 130° to 310° of Crater 2133
Profile
Elevation
Distance (m)
−1824
−1826
−1828
−1830
−1832
−1834
−1836
−1838
25
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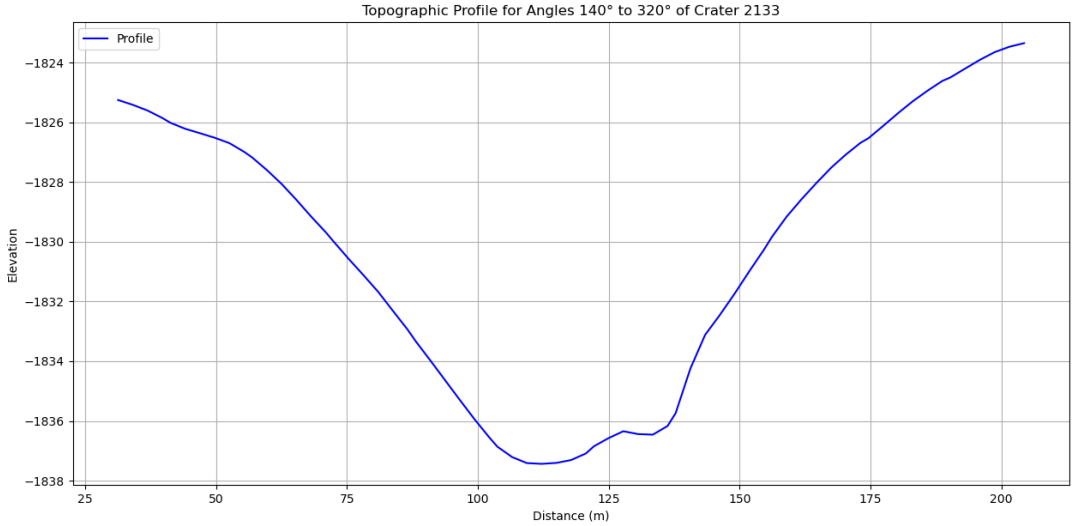
Topographic Profile for Angles 140° to 320° of Crater 2133
Profile
Elevation
Distance (m)
−1824
−1826
−1828
−1830
−1832
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−1836
−1838
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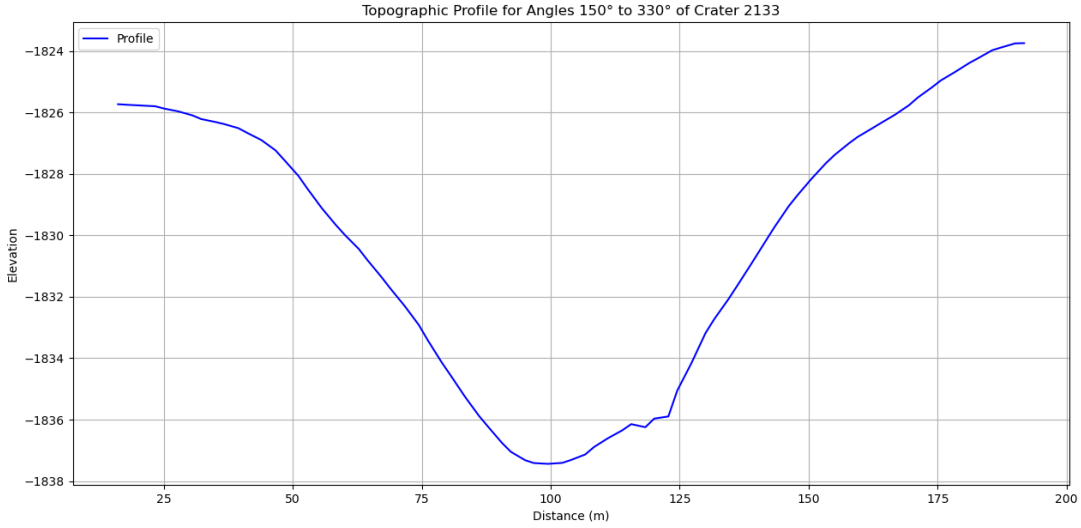
Topographic Profile for Angles 150° to 330° of Crater 2133
Profile
Elevation
Distance (m)
−1824
−1826
−1828
−1830
−1832
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−1836
−1838
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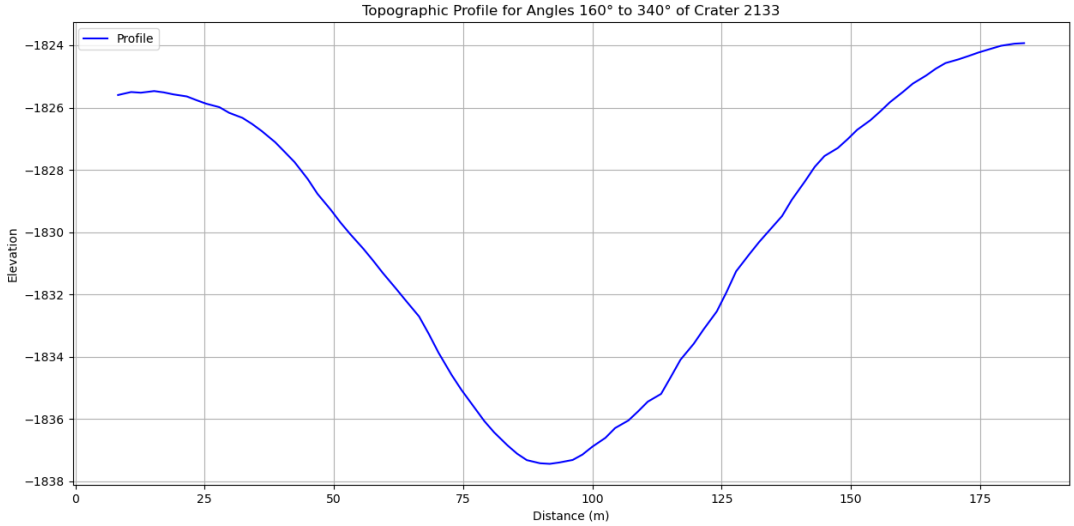
Topographic Profile for Angles 160° to 340° of Crater 2133
Profile
Elevation
Distance (m)
−1824
−1826
−1828
−1830
−1832
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−1836
−1838
0
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150
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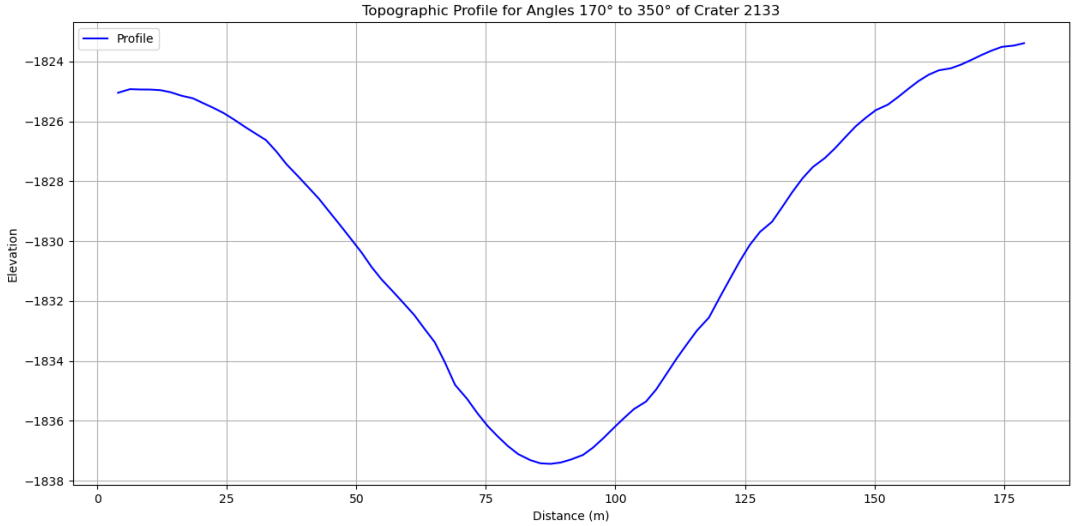
Topographic Profile for Angles 170° to 350° of Crater 2133
Profile
Elevation
−1824
−1826
−1828
−1830
−1832
−1834
−1836
−1838
0
25
50
75
100
125
150
175
Distance (m)