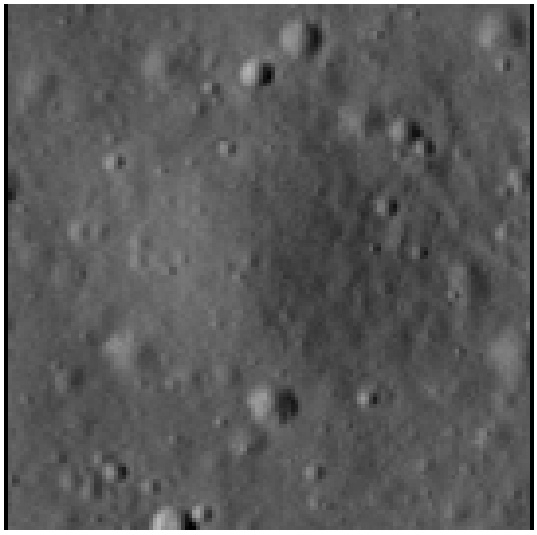
Crater report 2179 of RG2

General information



ID : 2179

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 64m ± 5.0m

Mean depht : 2.2m ± 0.3m

d/D ratio : 0.034 ± 0.006

Circularity index : 0.92

Slope : Between 2.66° et 6.11°

Mean value of TRI on the rim crest : 0.18

Geometric center coordinates : (3658510.905930052, 219214.245964882)

Coordinates of the crater's lowest point : (3658505.000001101, 219209.00000006467)

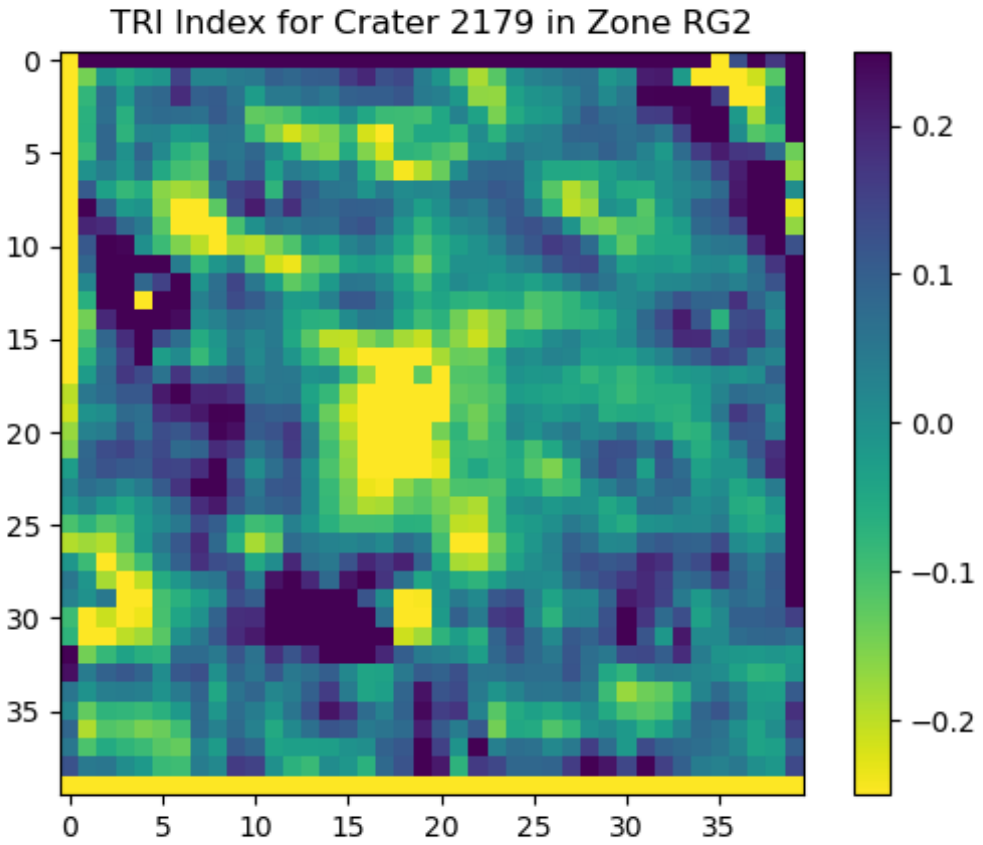
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	5.25	0.57
10°	5.64	0.54
20°	5.88	0.51
30°	5.68	0.46
40°	5.73	0.42
50°	5.91	0.42
60°	5.74	0.48
70°	6.11	0.52
80°	5.94	0.54
90°	5.63	0.57
100°	5.36	0.54
110°	5.22	0.51

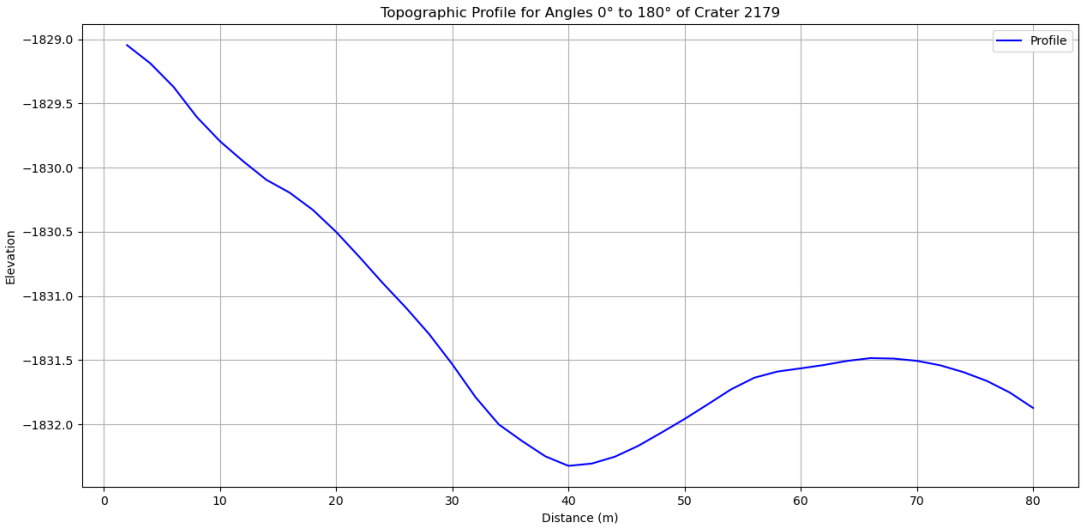
120°	4.63	0.46
130°	4.6	0.43
140°	3.72	0.44
150°	3.14	0.48
160°	2.82	0.5
170°	2.66	0.55
180°	3.04	0.57
190°	2.9	0.54
200°	2.92	0.53
210°	2.9	0.46
220°	2.9	0.46
230°	3.85	0.46
240°	4.28	0.49
250°	4.24	0.49
260°	5.45	0.57
270°	5.19	0.57
280°	4.64	0.55
290°	4.35	0.49
300°	4.19	0.49
310°	4.42	0.43
320°	4.1	0.43
330°	4.52	0.47
340°	4.53	0.5
350°	4.77	0.54

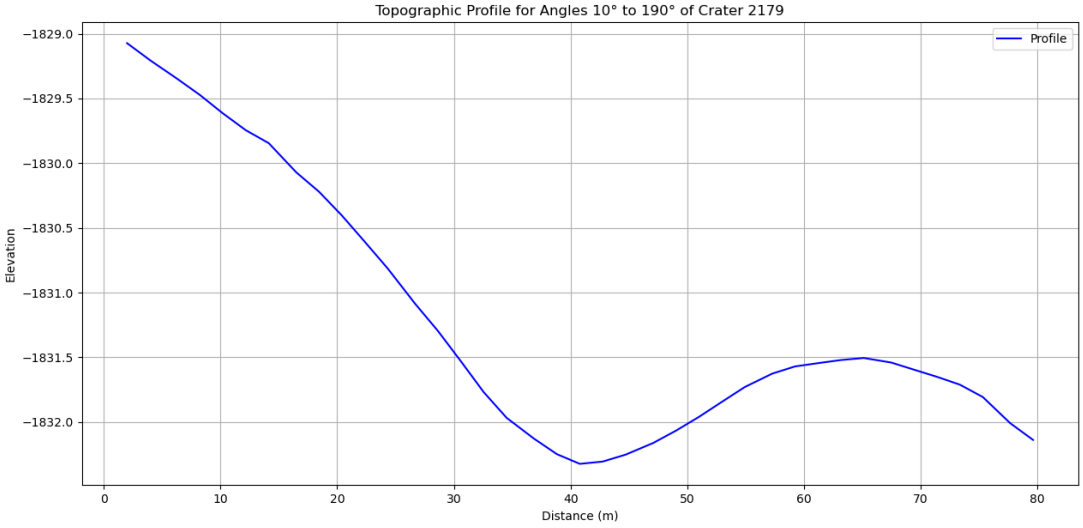
Topographic roughness index (TRI)

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 2179
Profile
Elevation
−1829.0
−1829.5
−1830.0
−1830.5
−1831.0
−1831.5
−1832.0
0
10
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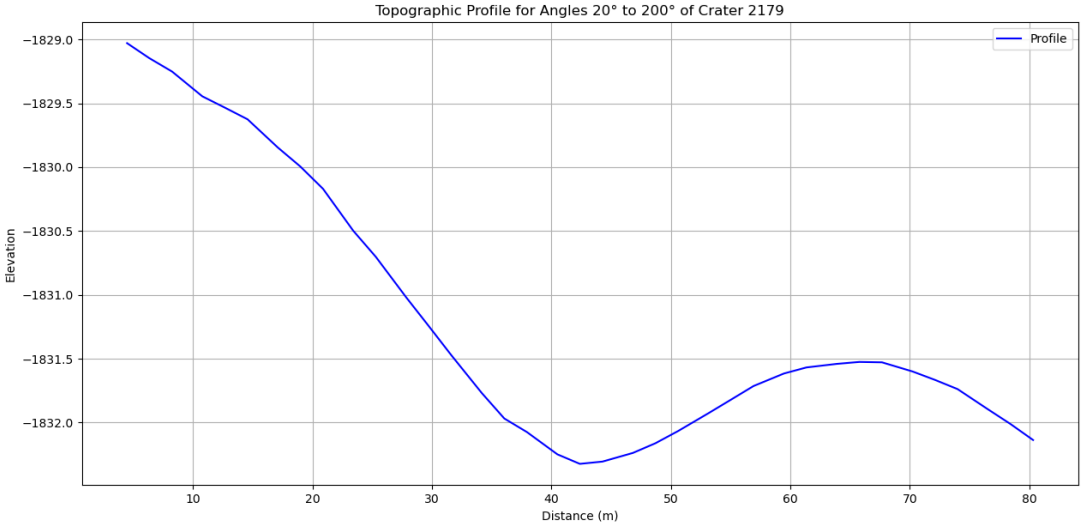
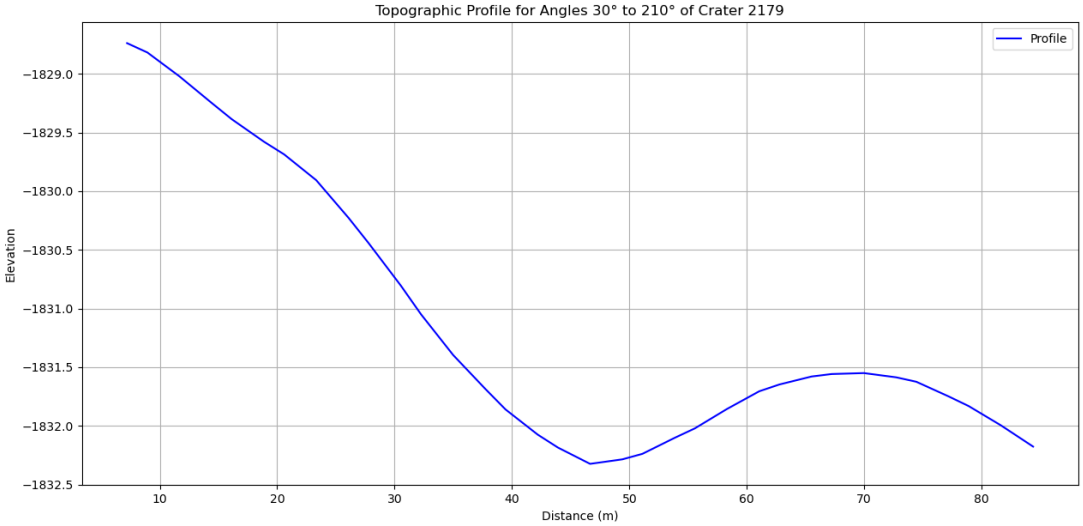
70
80
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 2179
Profile
Elevation
−1829.0
−1829.5
−1830.0
−1830.5
−1831.0
−1831.5
−1832.0
10
20
30
40
50
60
70
80
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 2179
Profile
Elevation
−1829.0
−1829.5
−1830.0
−1830.5
−1831.0
−1831.5
−1832.0
−1832.5
10
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40
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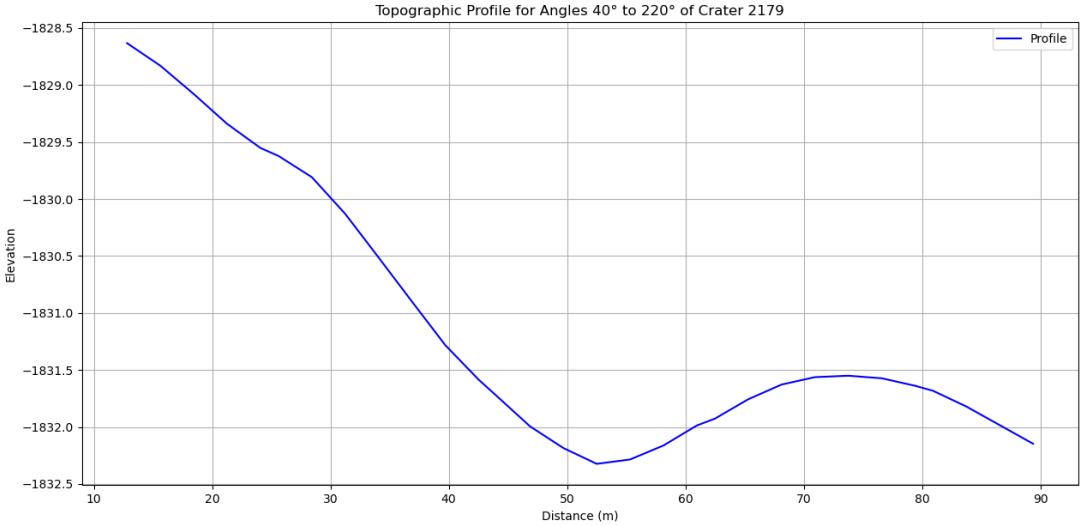
60
70
80
Distance (m)


Topographic Profile for Angles 40° to 220° of Crater 2179
Profile
Elevation
−1828.5
−1829.0
−1829.5
−1830.0
−1830.5
−1831.0
−1831.5
−1832.0
−1832.5
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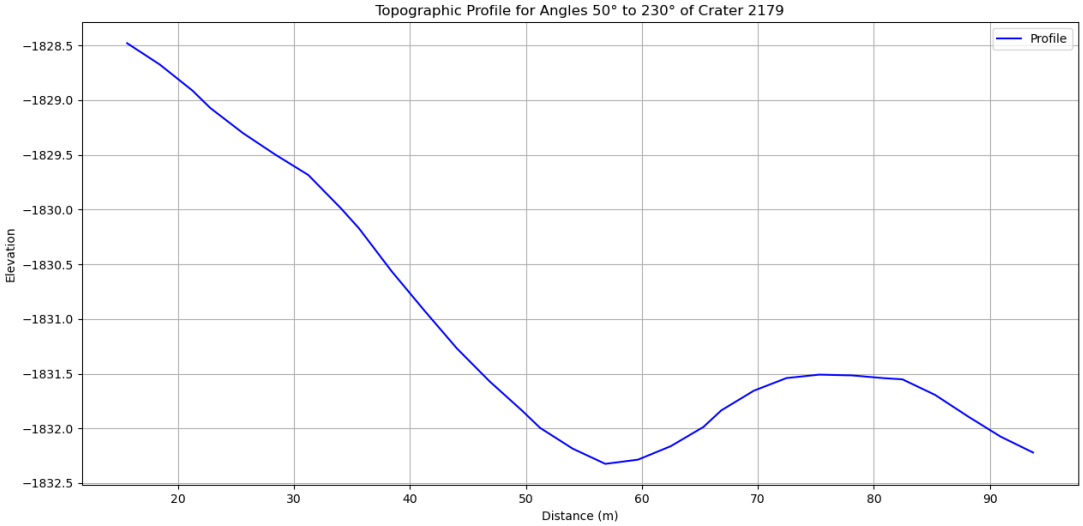
70
80
90
Distance (m)


Topographic Profile for Angles 50° to 230° of Crater 2179
Profile
Elevation
−1828.5
−1829.0
−1829.5
−1830.0
−1830.5
−1831.0
−1831.5
−1832.0
−1832.5
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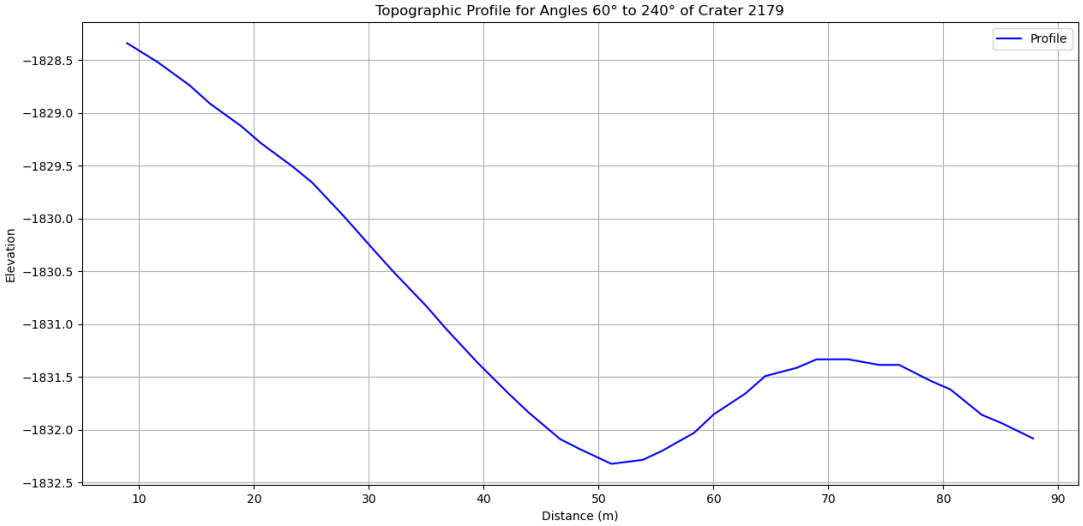
70
80
90
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 2179
Profile
Elevation
−1828.5
−1829.0
−1829.5
−1830.0
−1830.5
−1831.0
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−1832.5
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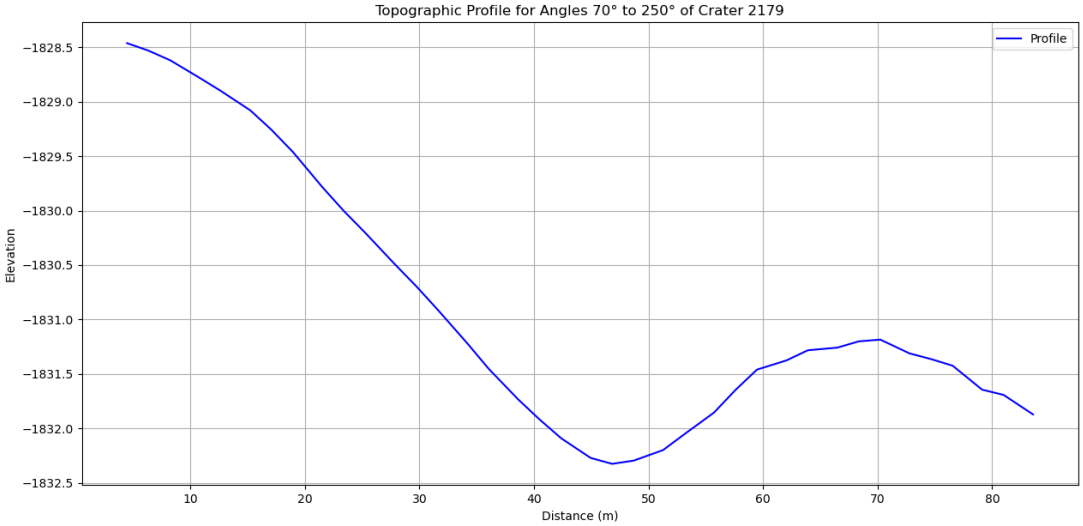
80
90
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 2179
Profile
Elevation
−1828.5
−1829.0
−1829.5
−1830.0
−1830.5
−1831.0
−1831.5
−1832.0
−1832.5
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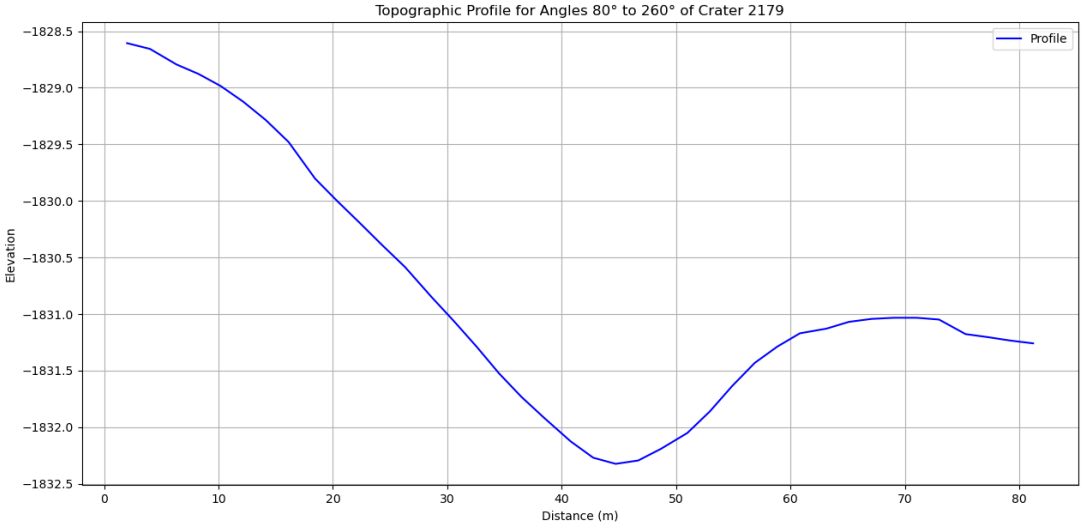
60
70
80
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 2179
Profile
Elevation
−1828.5
−1829.0
−1829.5
−1830.0
−1830.5
−1831.0
−1831.5
−1832.0
−1832.5
0
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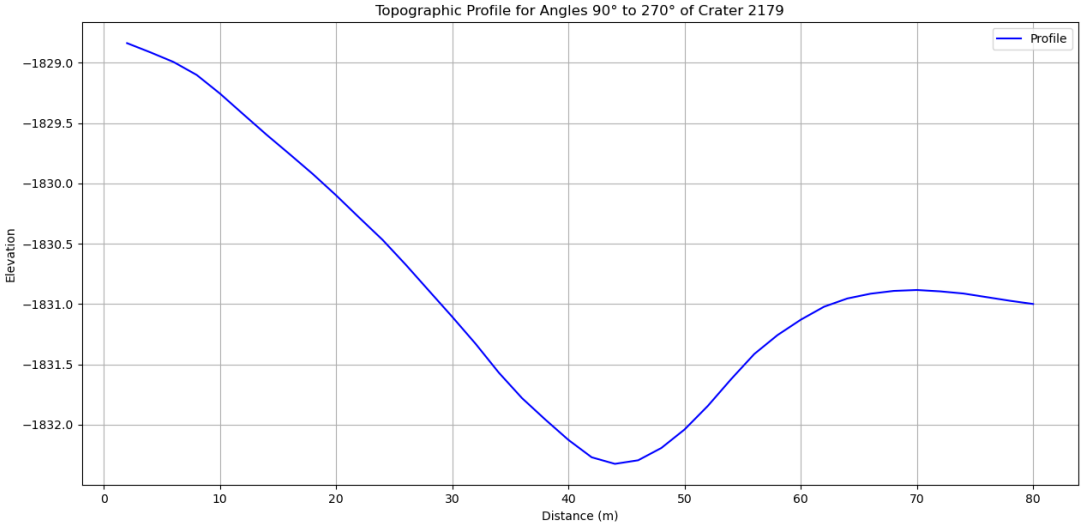
60
70
80
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 2179
Profile
Elevation
−1829.0
−1829.5
−1830.0
−1830.5
−1831.0
−1831.5
−1832.0
0
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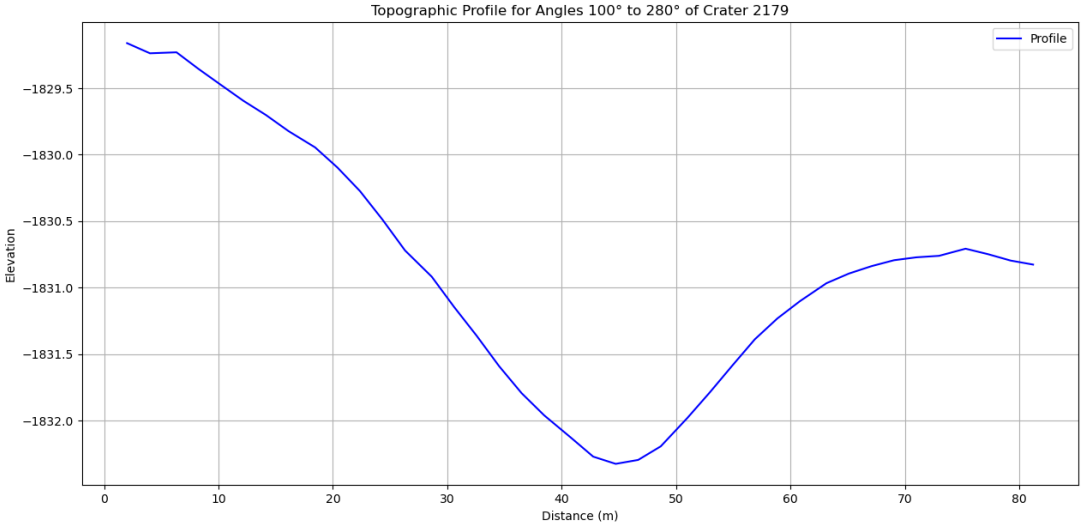
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 2179
Profile
Elevation
−1829.5
−1830.0
−1830.5
−1831.0
−1831.5
−1832.0
0
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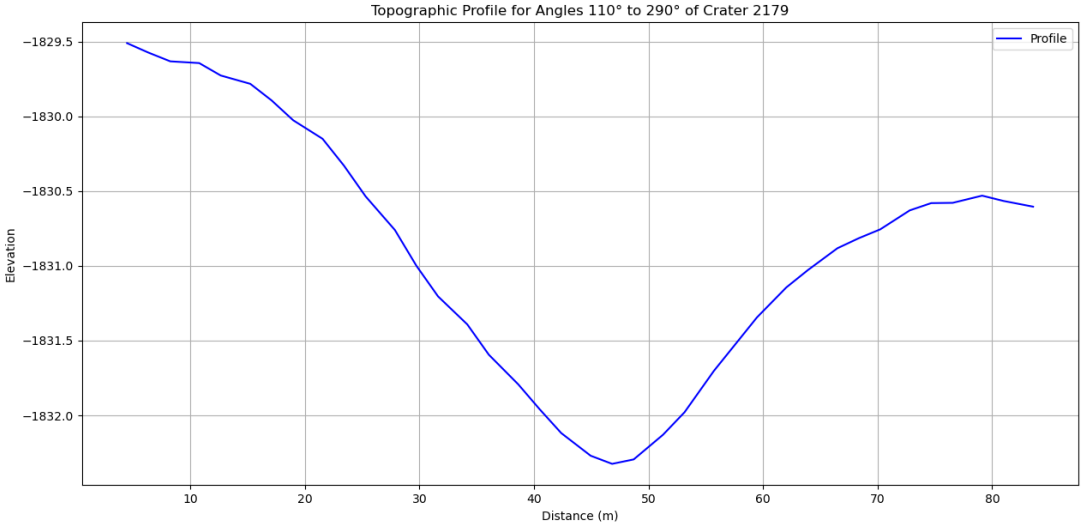
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 2179
Profile
Elevation
−1829.5
−1830.0
−1830.5
−1831.0
−1831.5
−1832.0
10
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70
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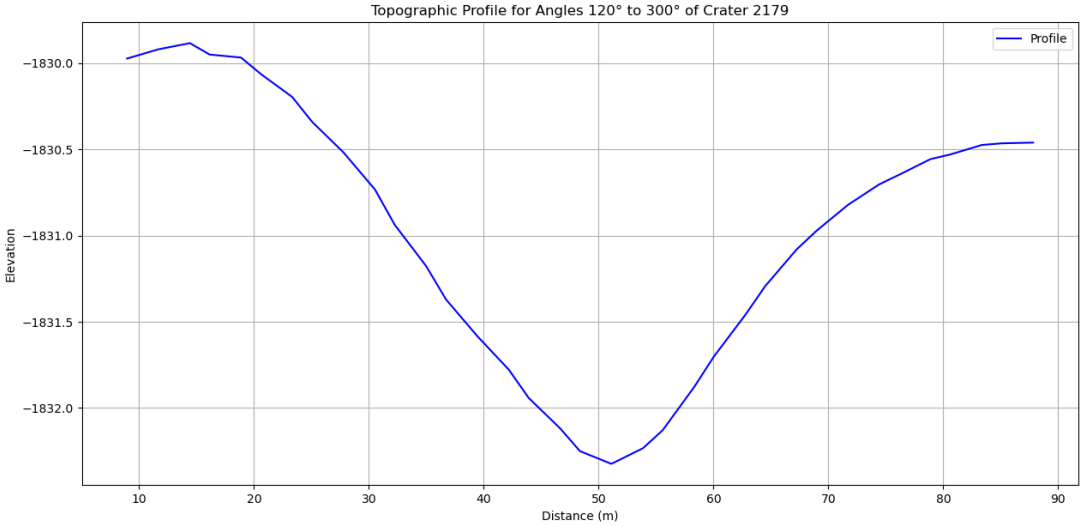
Distance (m)


Topographic Profile for Angles 120° to 300° of Crater 2179
Profile
Elevation
−1830.0
−1830.5
−1831.0
−1831.5
−1832.0
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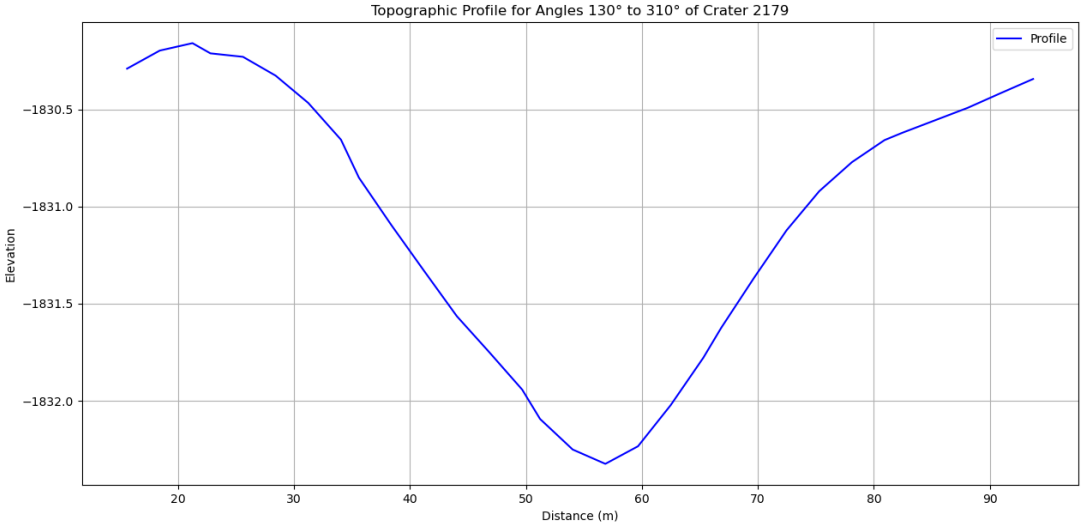
80
90
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 2179
Profile
Elevation
−1830.5
−1831.0
−1831.5
−1832.0
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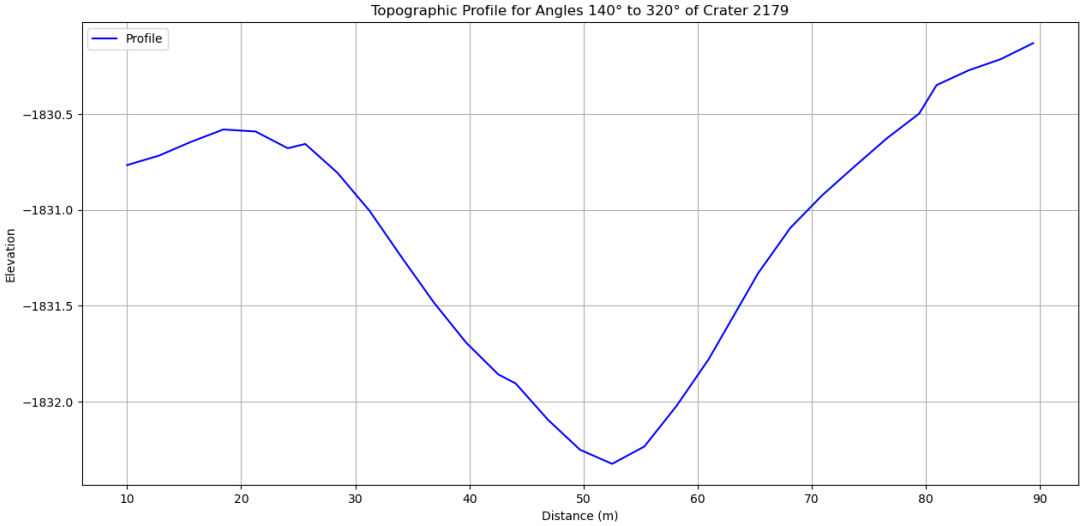
80
90
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2179
Profile
Elevation
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−1831.5
−1832.0
10
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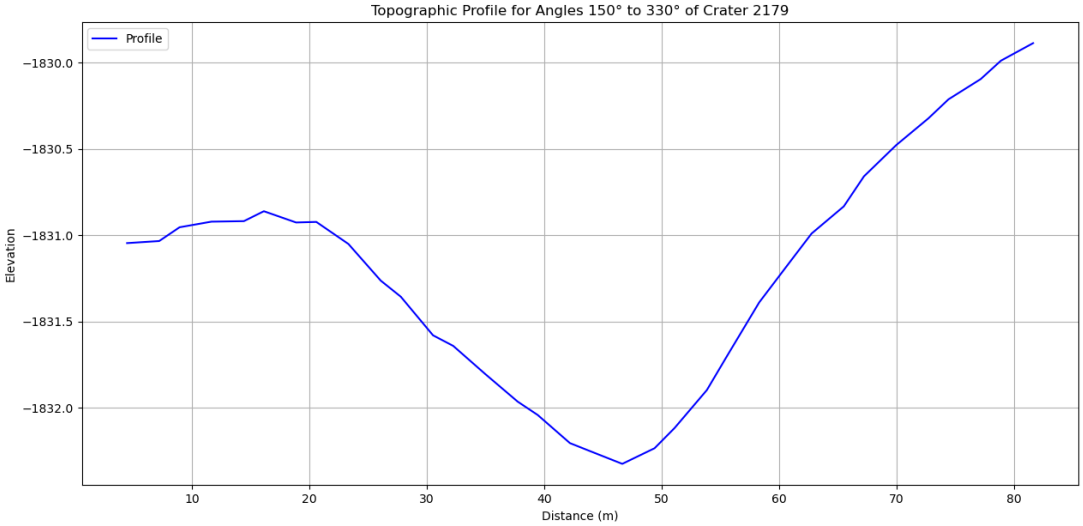
60
70
80
90
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2179
Profile
−1830.0
−1830.5
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−1831.5
−1832.0
Elevation
10
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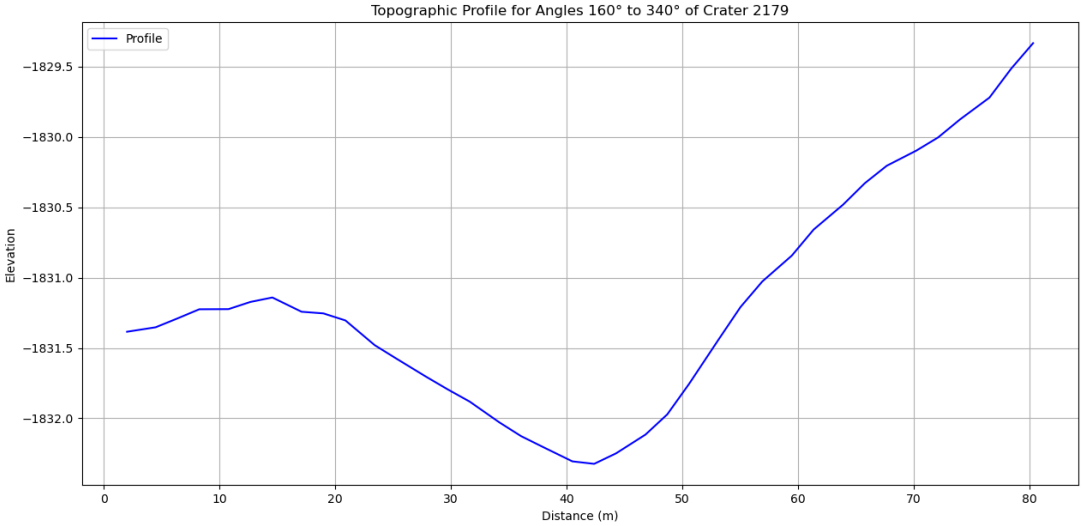
40
50
60
70
80
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 2179
Profile
−1829.5
−1830.0
−1830.5
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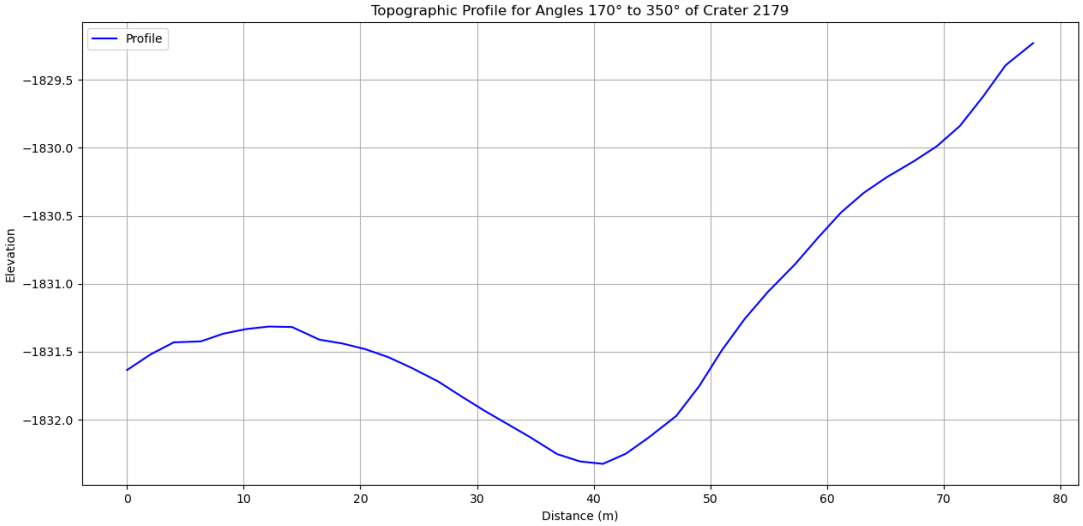
−1831.5
−1832.0
Elevation
0
10
20
30
40
50
60
70
80
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 2179
Profile
Elevation
−1829.5
−1830.0
−1830.5
−1831.0
−1831.5
−1832.0
0
10
20
30
40
50
60
70
80
Distance (m)