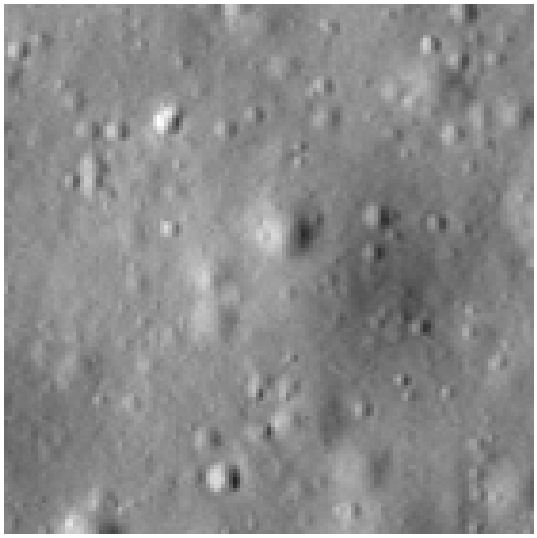
Crater report 2156 of RG2

General information



ID : 2156

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 73m ± 4.0m

Mean depht : 3.0m ± 0.2m

d/D ratio : 0.041 ± 0.003

Circularity index : 0.9

Mean slope : 5.53°

Mean value of TRI on the rim crest : 0.26

Geometric center coordinates : (3658058.8856893964, 219818.64281257524)

Coordinates of the crater's lowest point : (3658063.000001101, 219819.00000006484)

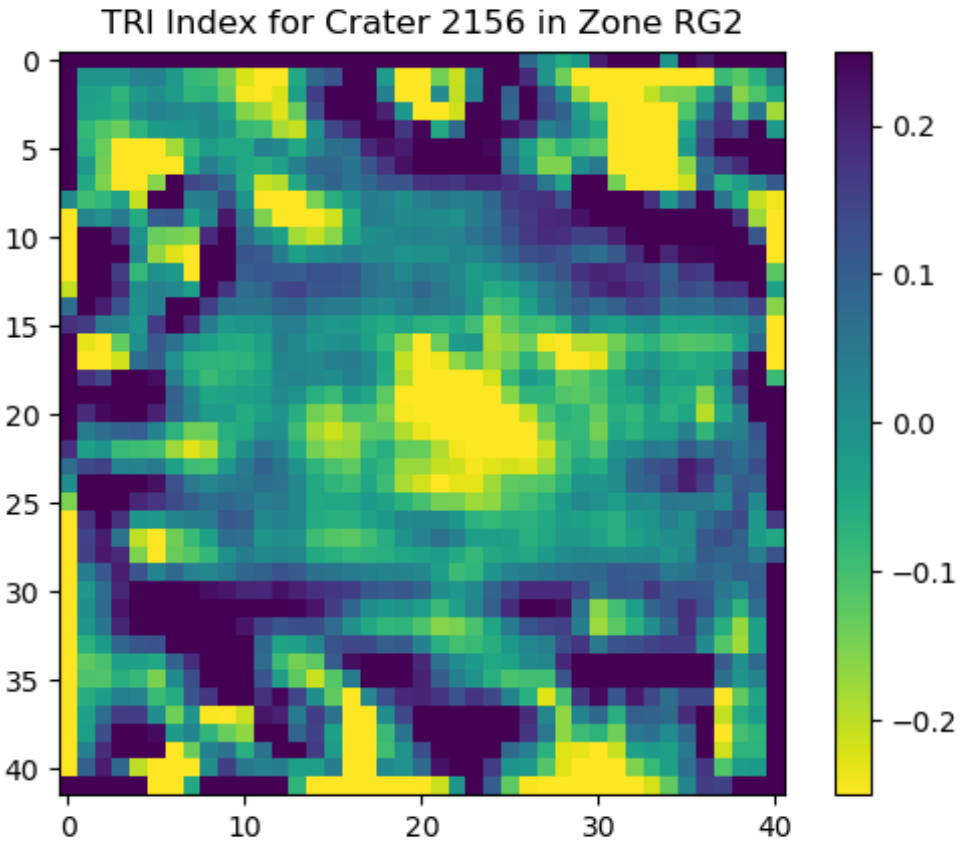
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	7.23	0.57
10°	6.98	0.54
20°	6.98	0.52
30°	6.7	0.47
40°	6.61	0.43
50°	6.35	0.42
60°	5.34	0.48
70°	4.58	0.52
80°	4.55	0.55
90°	4.85	0.57
100°	4.88	0.55
110°	4.91	0.51

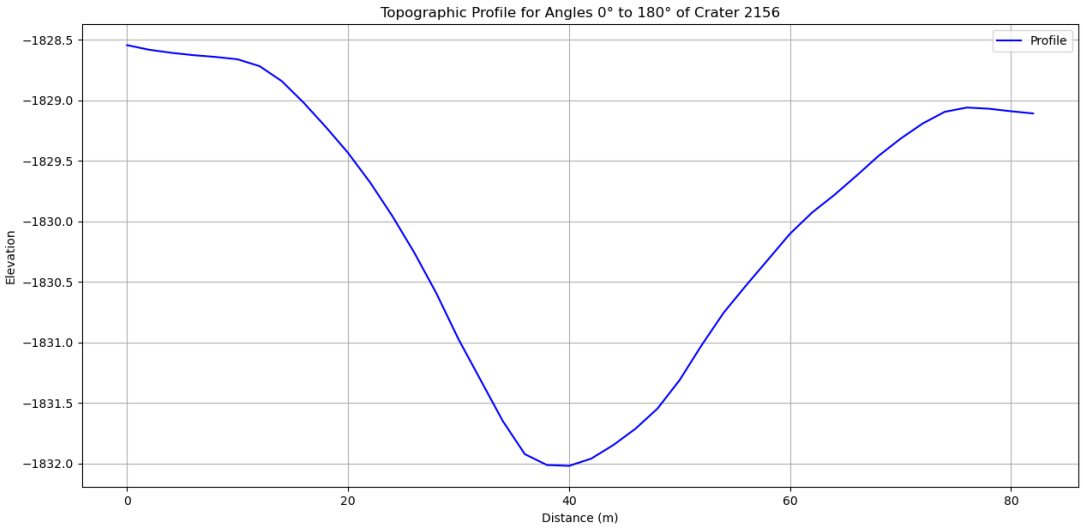
120°	4.84	0.48
130°	5.09	0.44
140°	5.51	0.42
150°	5.53	0.48
160°	5.59	0.51
170°	5.29	0.55
180°	5.26	0.57
190°	5.1	0.55
200°	5.07	0.51
210°	5.22	0.48
220°	5.32	0.42
230°	5.07	0.44
240°	4.83	0.48
250°	4.82	0.52
260°	4.69	0.55
270°	5.09	0.57
280°	4.95	0.55
290°	5.16	0.52
300°	5.51	0.48
310°	6.01	0.44
320°	6.11	0.42
330°	5.98	0.48
340°	6.39	0.51
350°	6.76	0.54

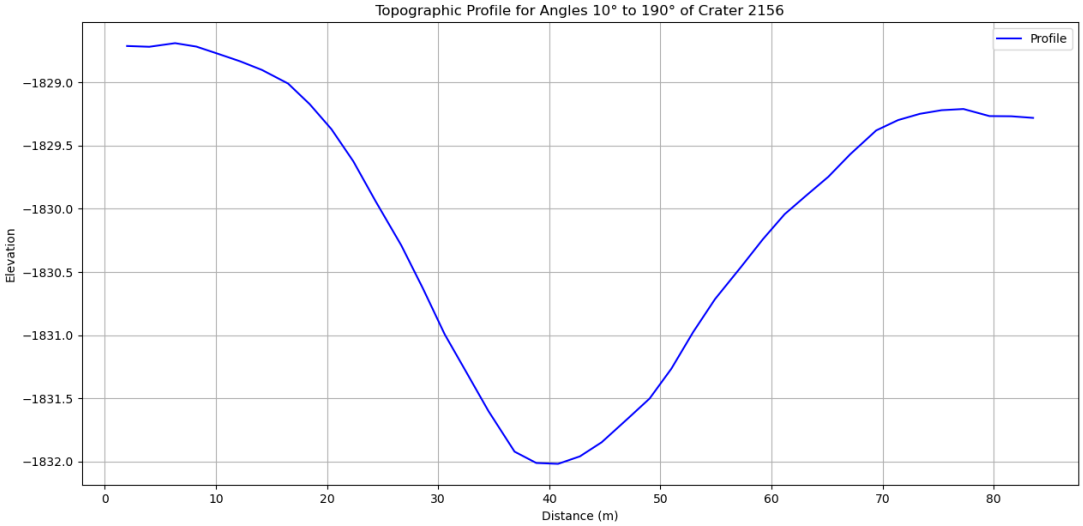
Topographic roughness index (TRI)

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 2156
Profile
Elevation
−1829.0
−1829.5
−1830.0
−1830.5
−1831.0
−1831.5
−1832.0
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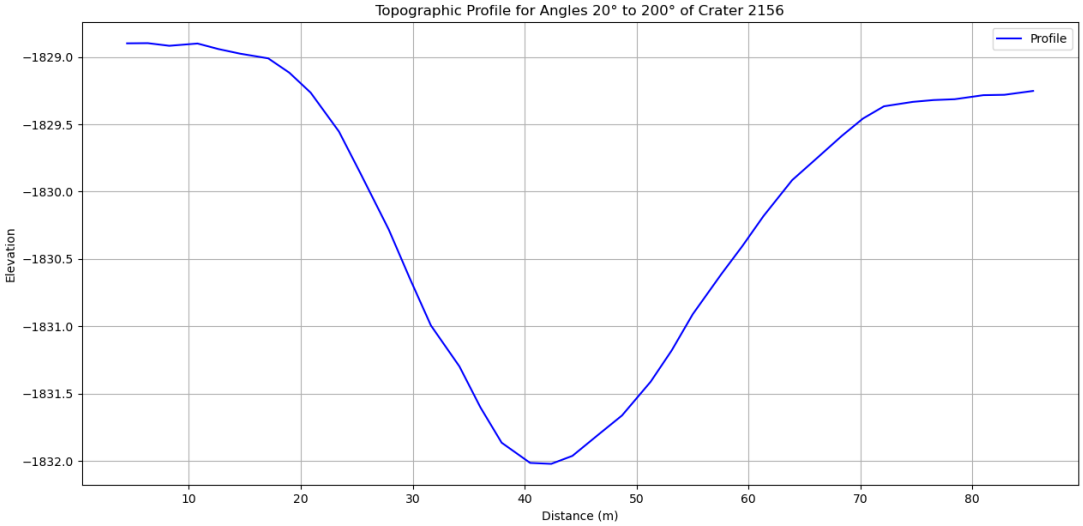
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 2156
Profile
Elevation
−1829.0
−1829.5
−1830.0
−1830.5
−1831.0
−1831.5
−1832.0
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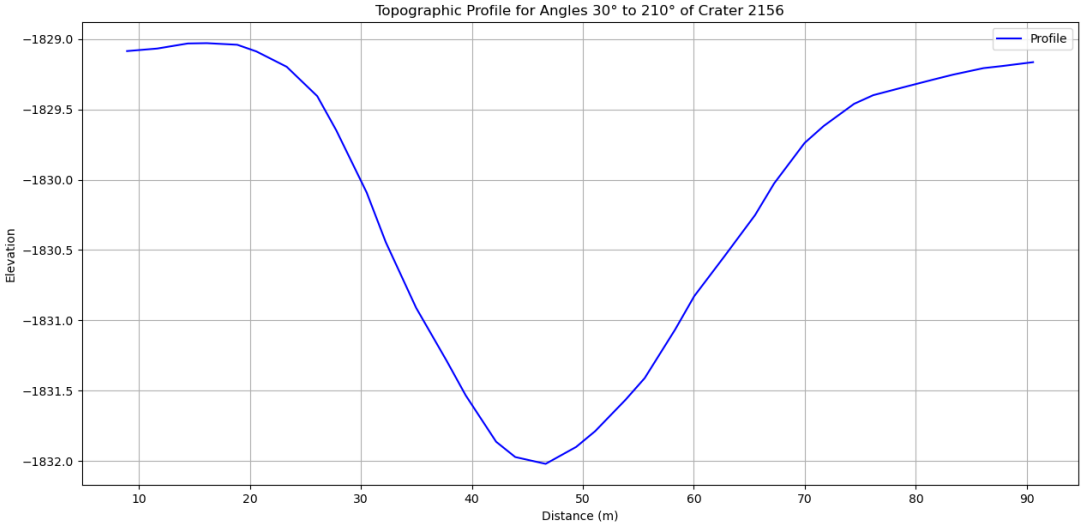
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 2156
Profile
Elevation
Distance (m)
−1829.0
−1829.5
−1830.0
−1830.5
−1831.0
−1831.5
−1832.0
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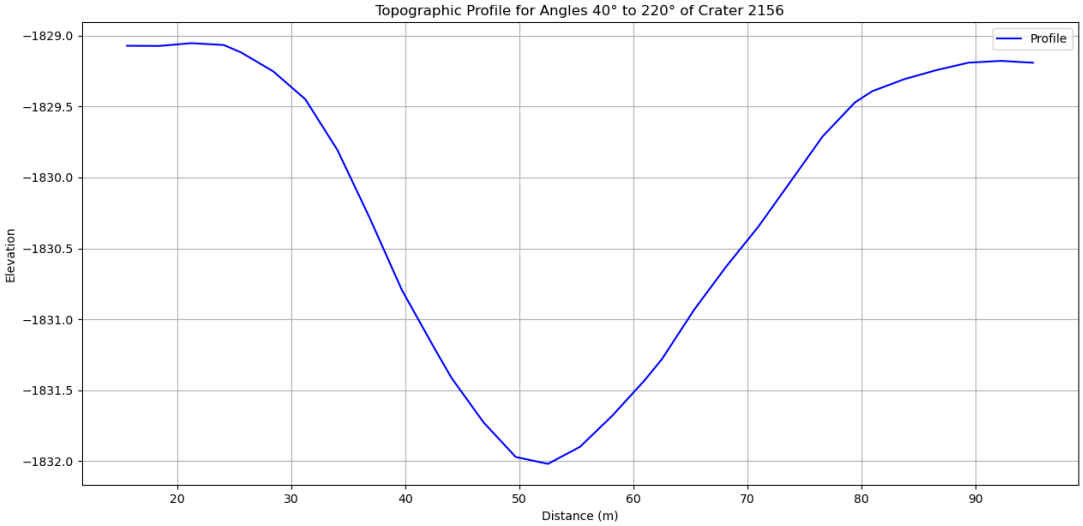
Topographic Profile for Angles 40° to 220° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
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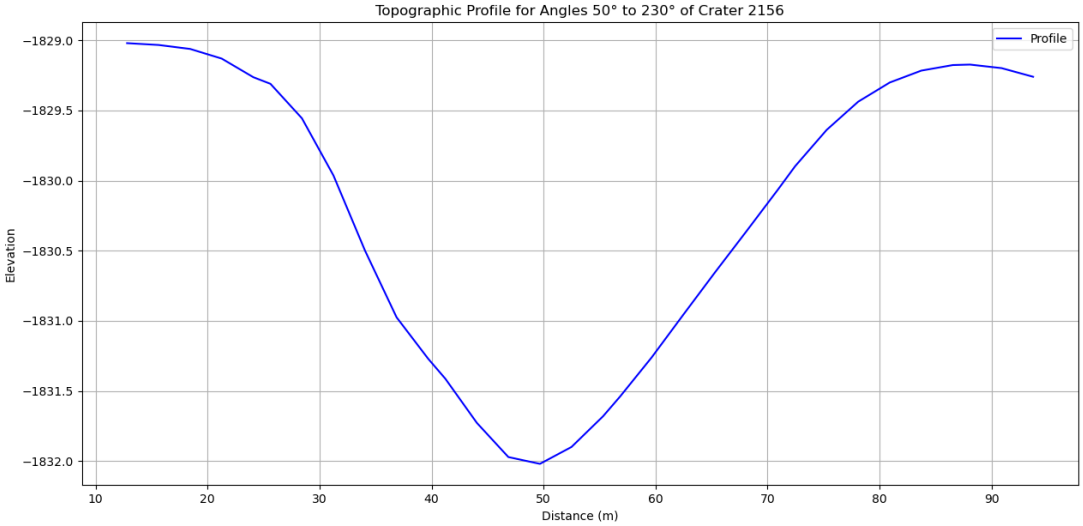
Topographic Profile for Angles 50° to 230° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
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−1831.5
−1832.0
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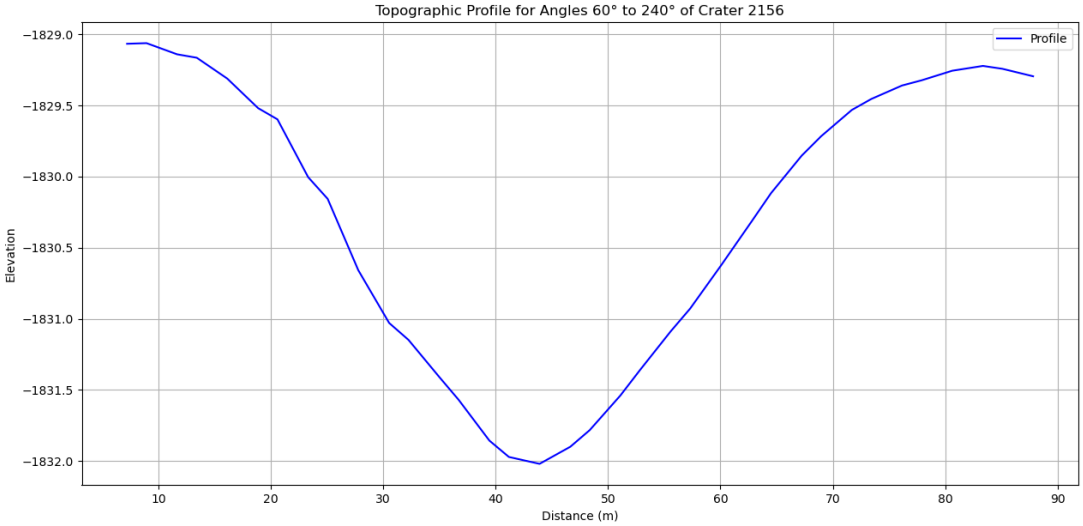
Topographic Profile for Angles 60° to 240° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
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−1831.5
−1832.0
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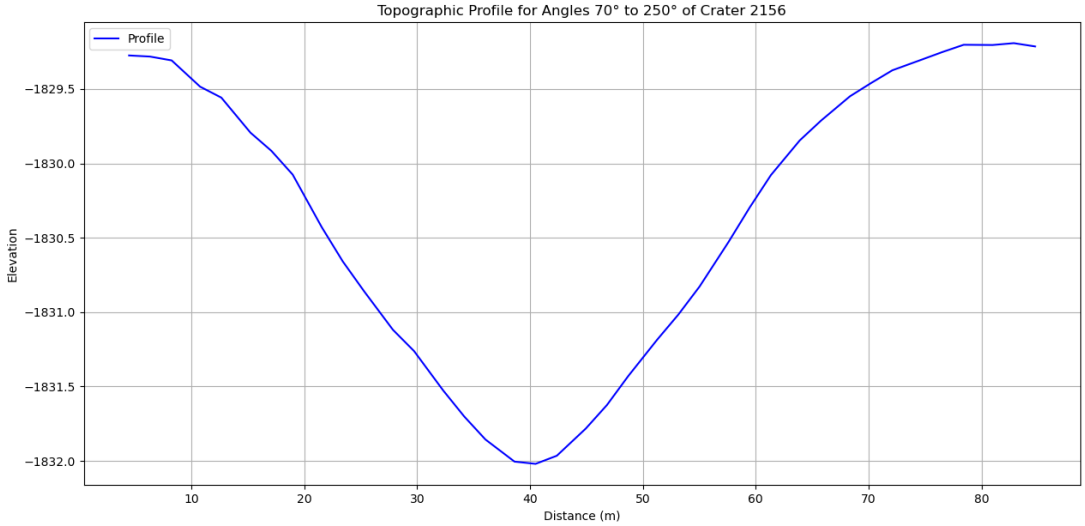
Topographic Profile for Angles 70° to 250° of Crater 2156
Profile
Elevation
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−1830.0
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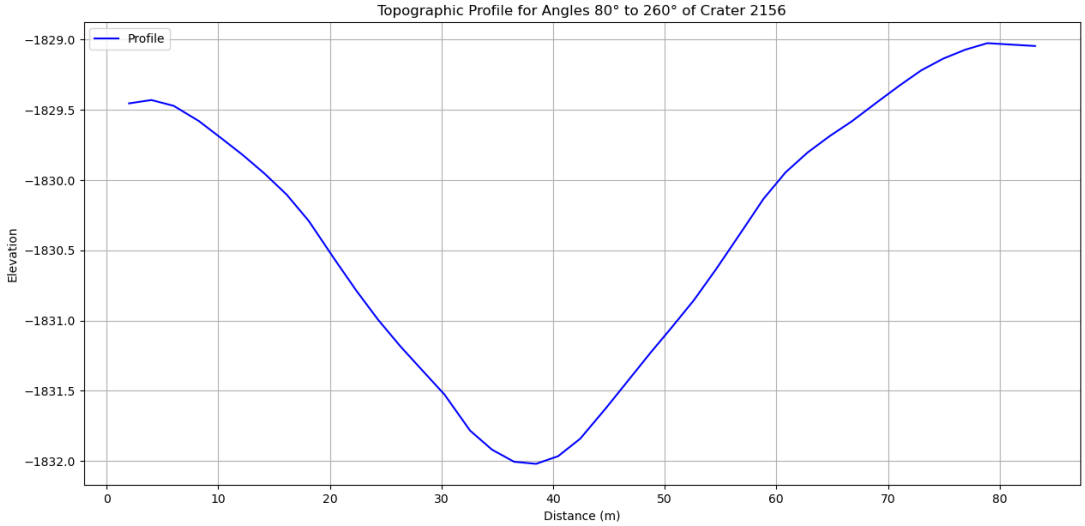
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 2156
Profile
Elevation
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−1830.0
−1830.5
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−1831.5
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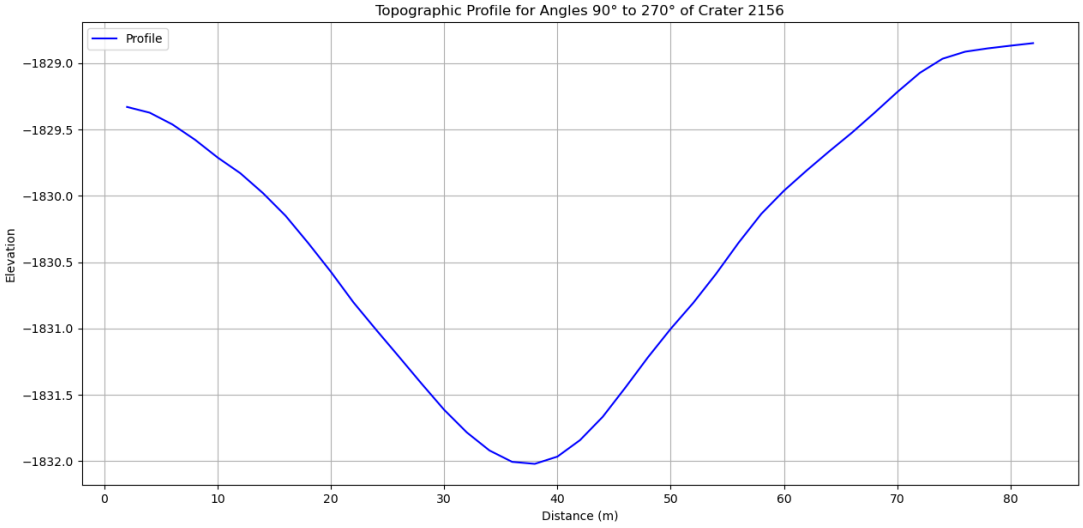
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
−1830.0
−1830.5
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−1831.5
−1832.0
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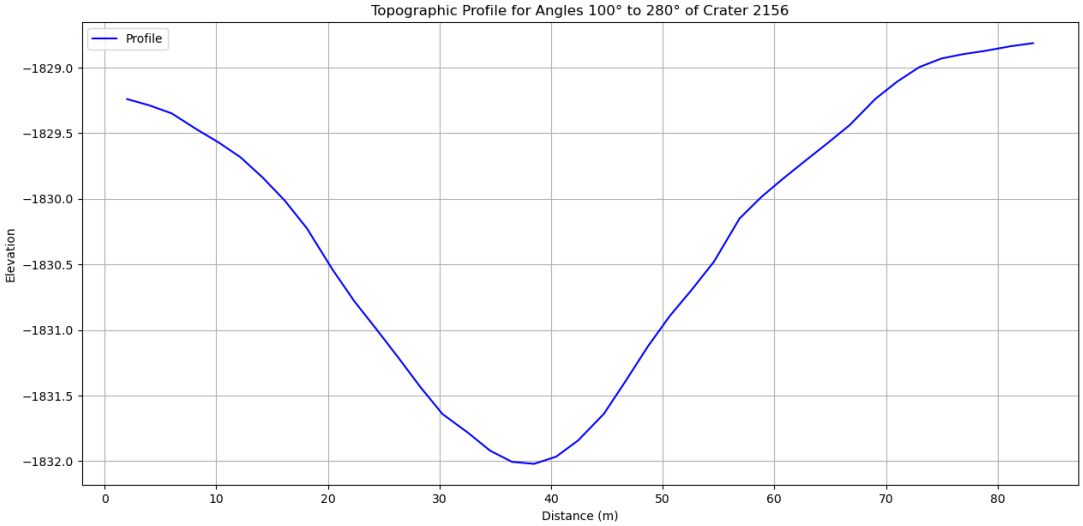
Topographic Profile for Angles 100° to 280° of Crater 2156
Profile
Elevation
Distance (m)
−1829.0
−1829.5
−1830.0
−1830.5
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−1831.5
−1832.0
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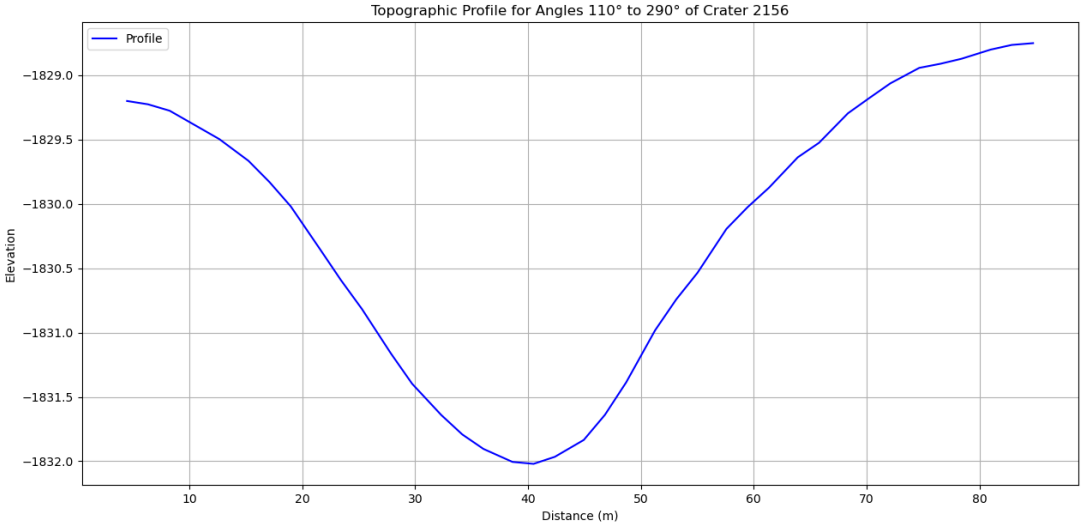
Topographic Profile for Angles 110° to 290° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
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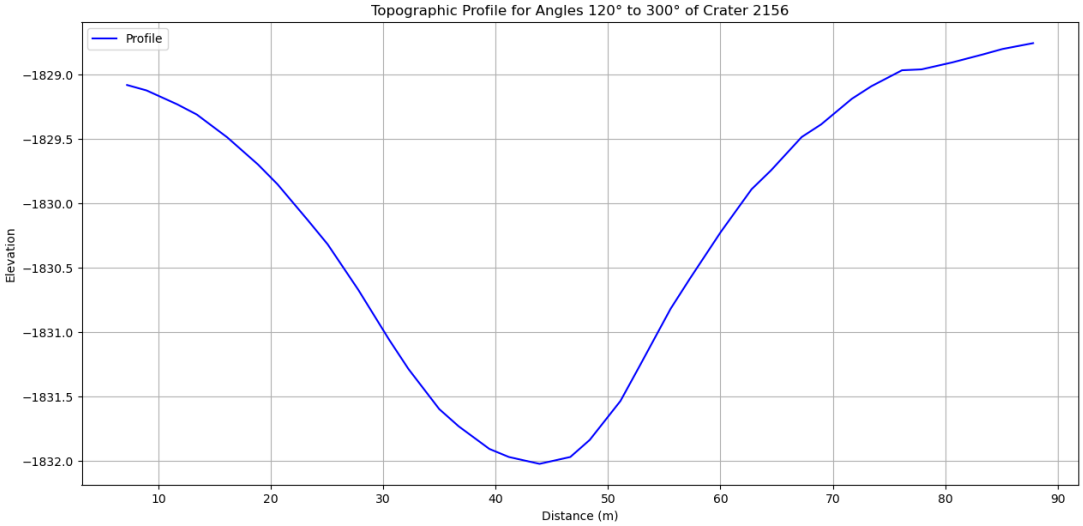
Topographic Profile for Angles 120° to 300° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
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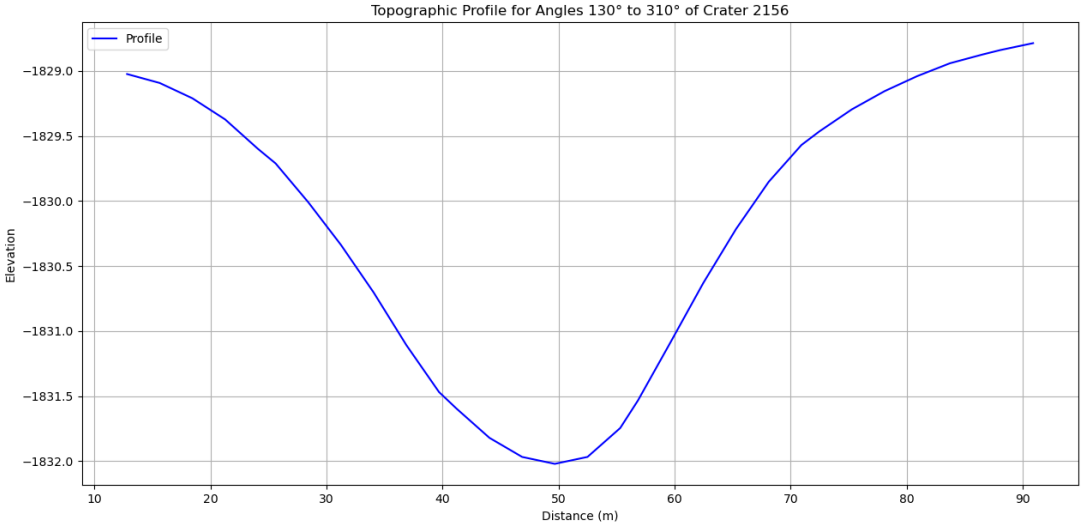
Topographic Profile for Angles 130° to 310° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
−1830.0
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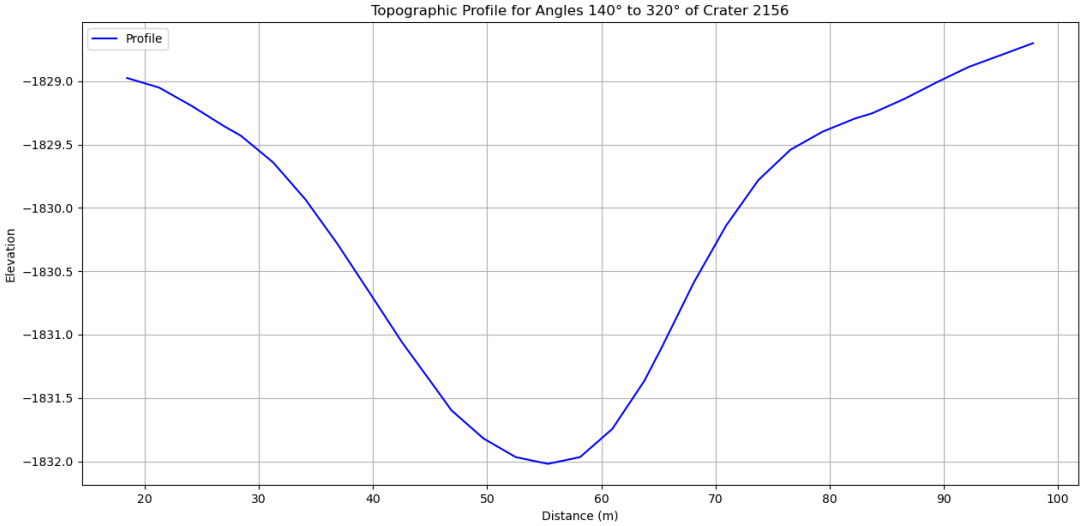
Topographic Profile for Angles 140° to 320° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
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−1831.5
−1832.0
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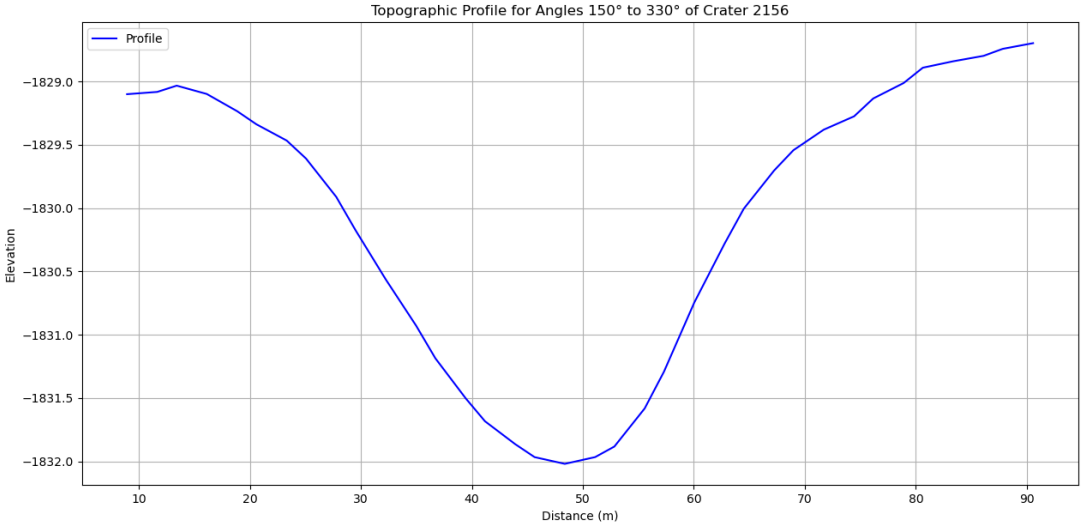
Topographic Profile for Angles 150° to 330° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
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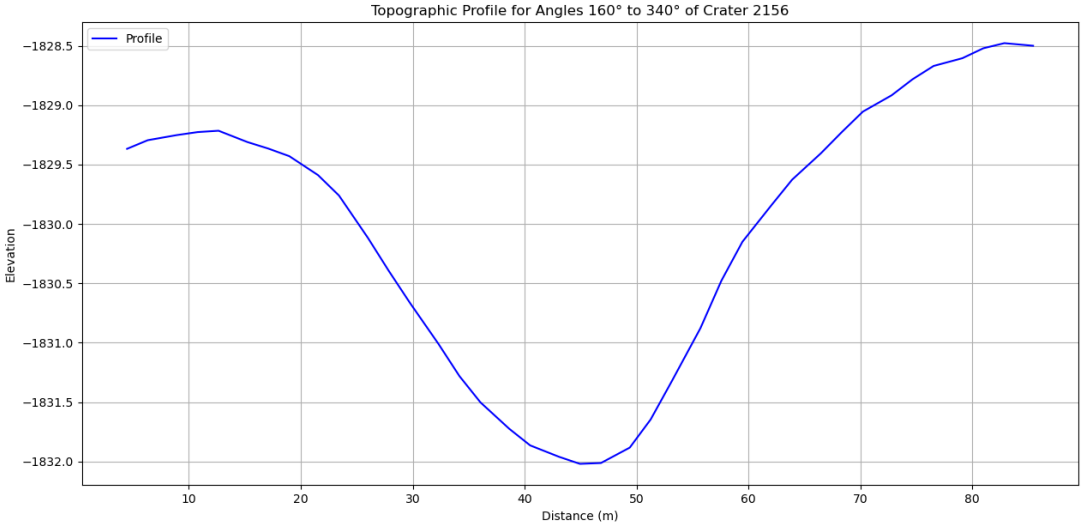
Topographic Profile for Angles 160° to 340° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.0
−1829.5
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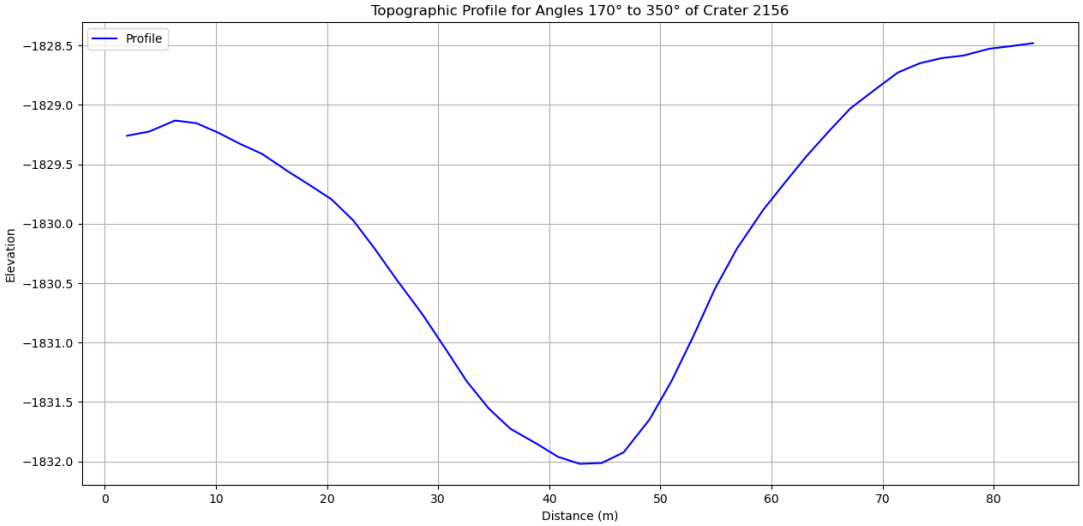
Topographic Profile for Angles 170° to 350° of Crater 2156
Profile
Elevation
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−1829.5
−1830.0
−1830.5
−1831.0
−1831.5
−1832.0
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Distance (m)