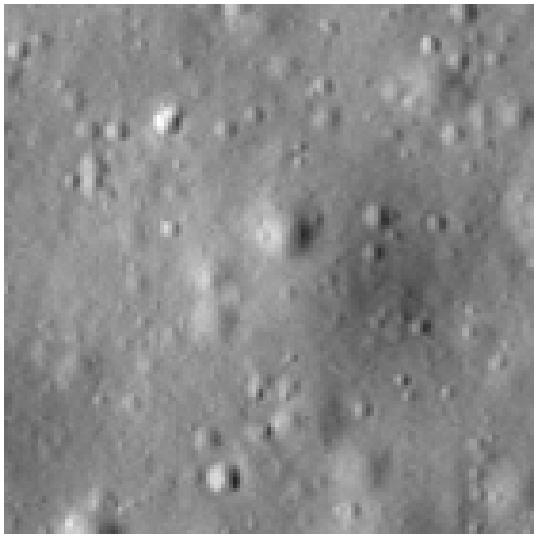
Crater report 2156 of RG2

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

Slope : Between 5.06° et 8.7°

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)

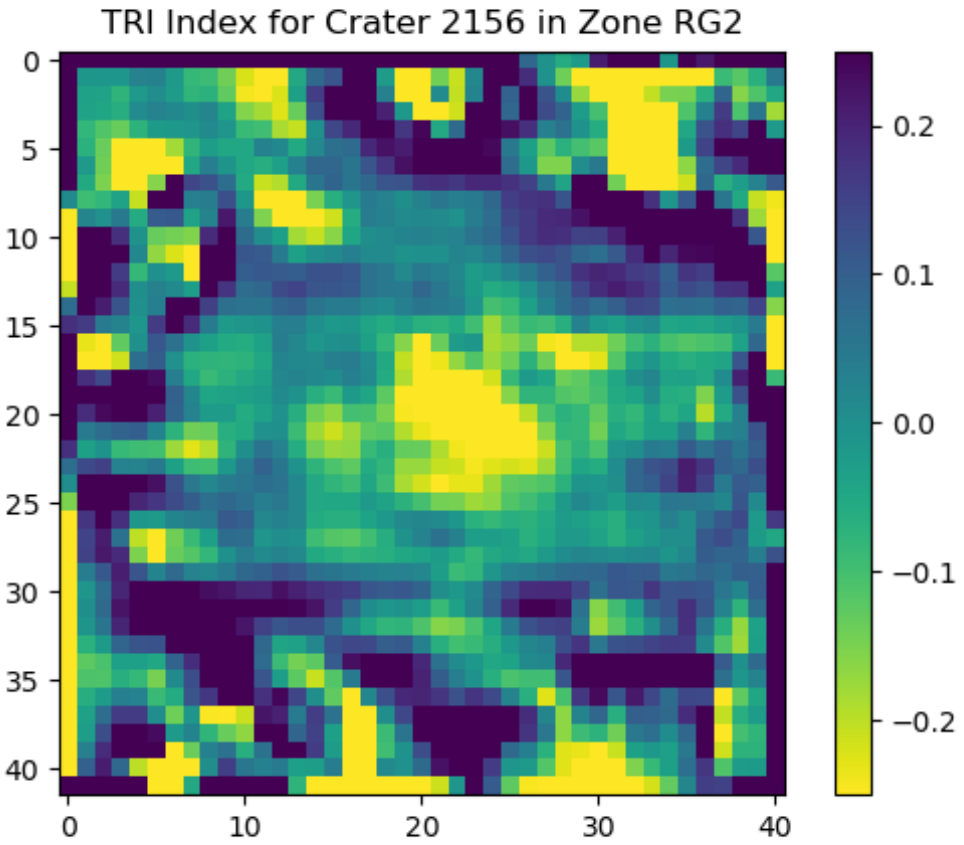
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	8.49	0.57
10°	8.64	0.55
20°	8.7	0.51
30°	8.57	0.48
40°	8.51	0.45
50°	7.7	0.44
60°	6.46	0.46
70°	5.27	0.51
80°	5.34	0.55
90°	5.85	0.57
100°	6.14	0.55
110°	6.51	0.52

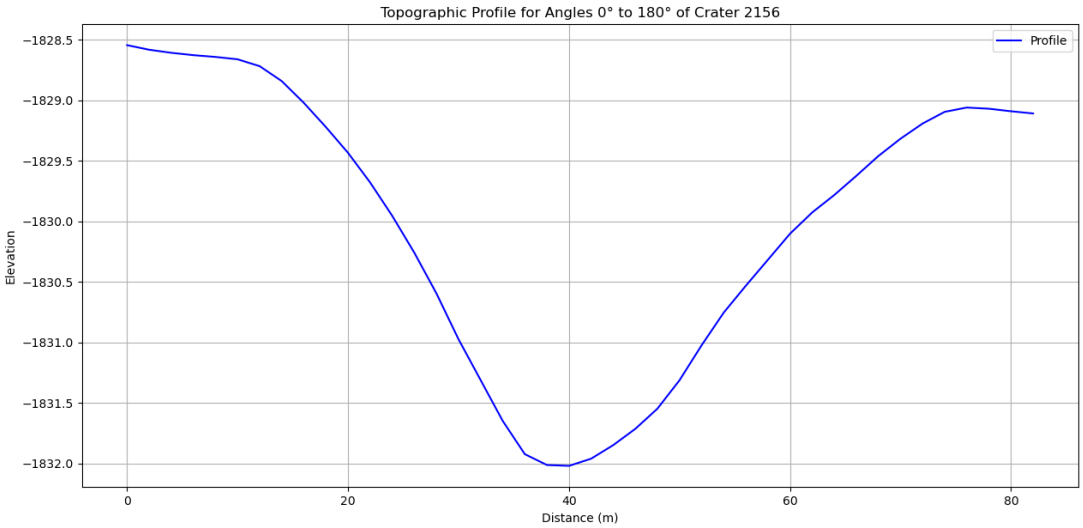
120°	6.12	0.49
130°	6.44	0.43
140°	7.12	0.4
150°	7.08	0.46
160°	7.29	0.52
170°	6.38	0.55
180°	6.02	0.57
190°	6.0	0.55
200°	5.99	0.53
210°	6.26	0.46
220°	6.0	0.43
230°	5.68	0.43
240°	5.31	0.49
250°	5.32	0.51
260°	5.06	0.56
270°	5.48	0.57
280°	5.29	0.56
290°	5.61	0.51
300°	5.96	0.48
310°	7.08	0.43
320°	6.96	0.43
330°	7.01	0.46
340°	7.37	0.5
350°	8.13	0.55

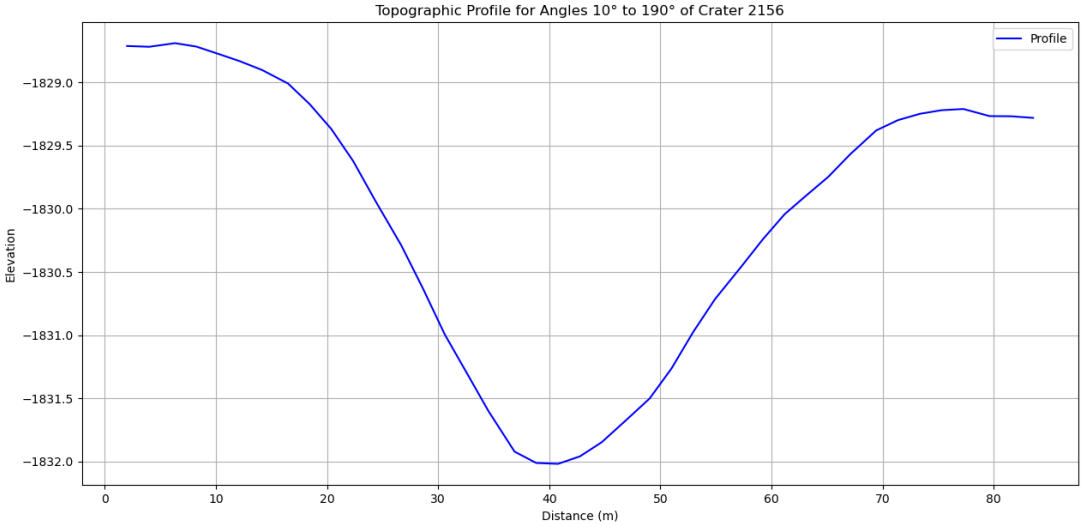
Topographic roughness index (TRI)

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
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−1831.5
−1832.0
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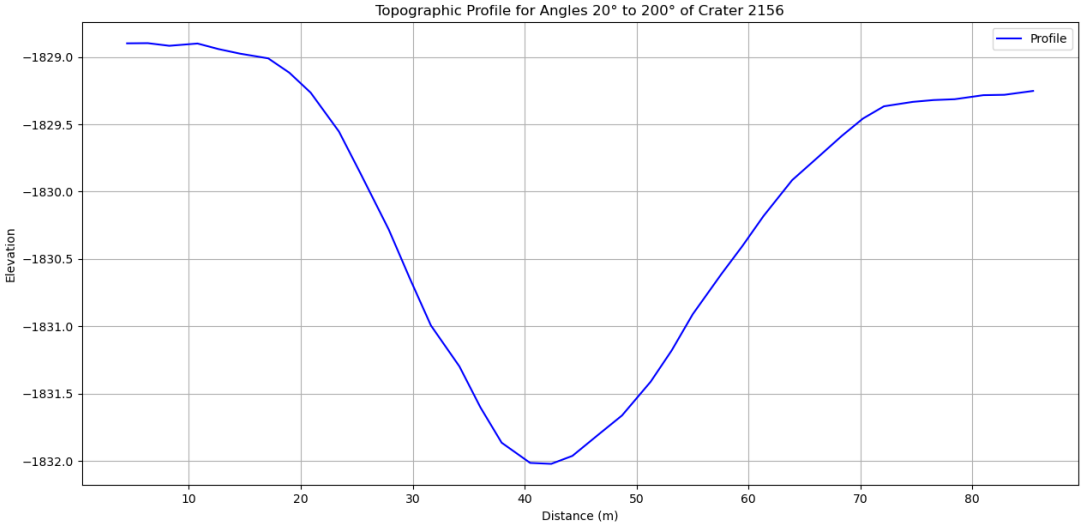
Distance (m)


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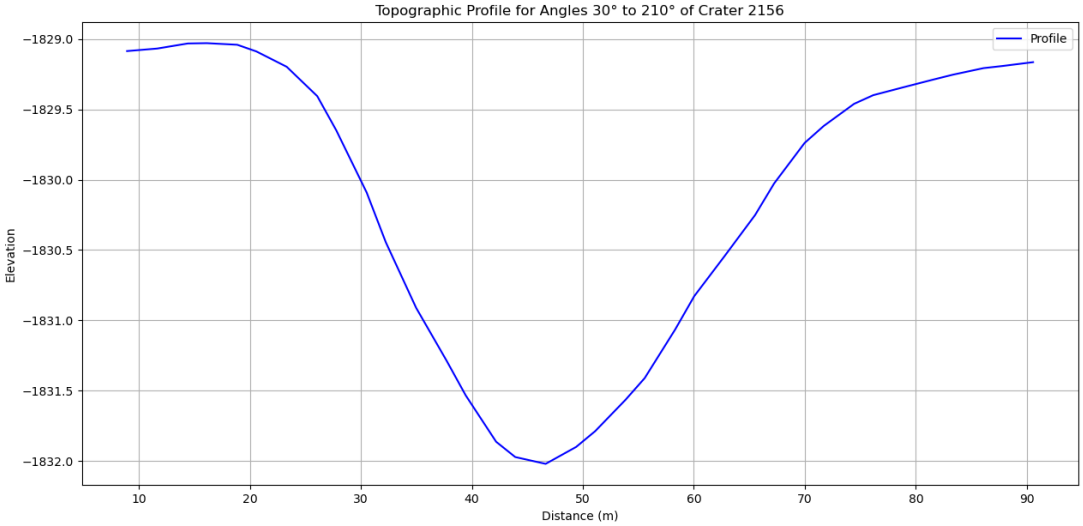
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
−1830.0
−1830.5
−1831.0
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−1832.0
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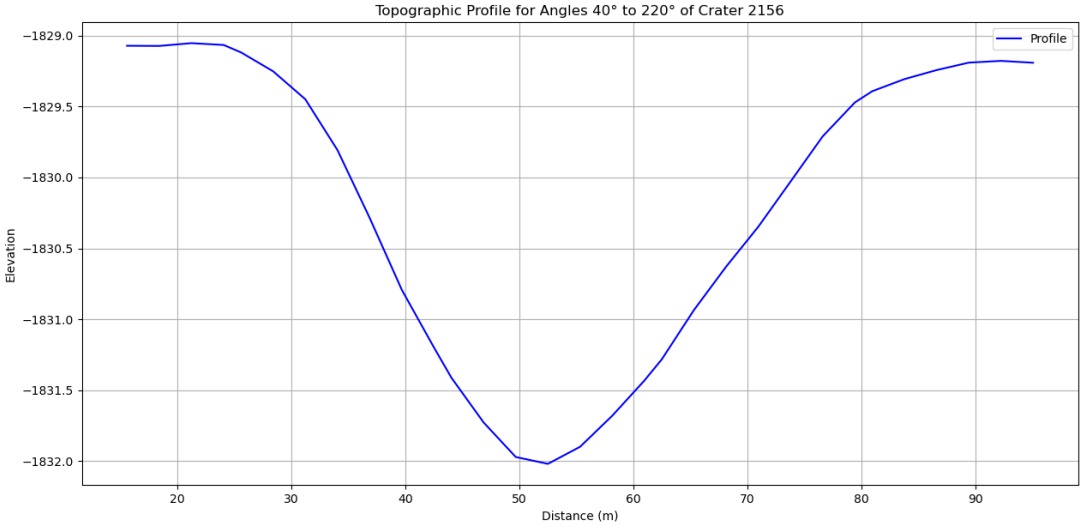
Topographic Profile for Angles 40° to 220° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
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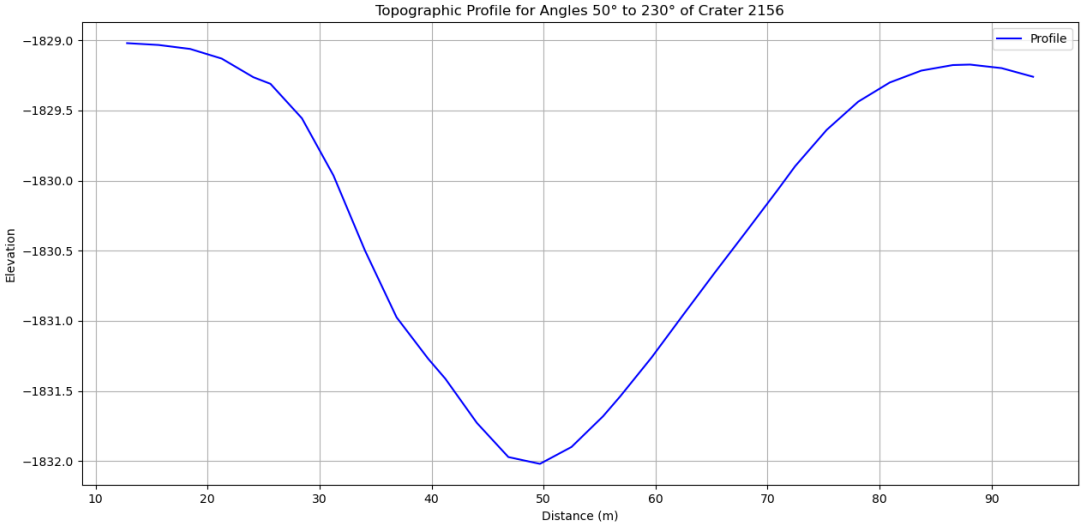
Topographic Profile for Angles 50° to 230° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
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−1832.0
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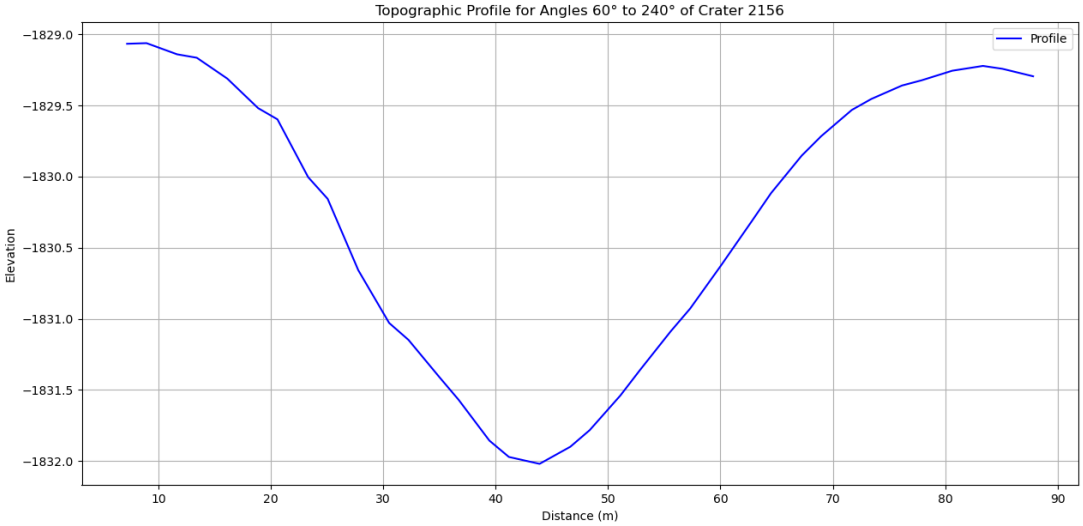
Topographic Profile for Angles 60° to 240° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
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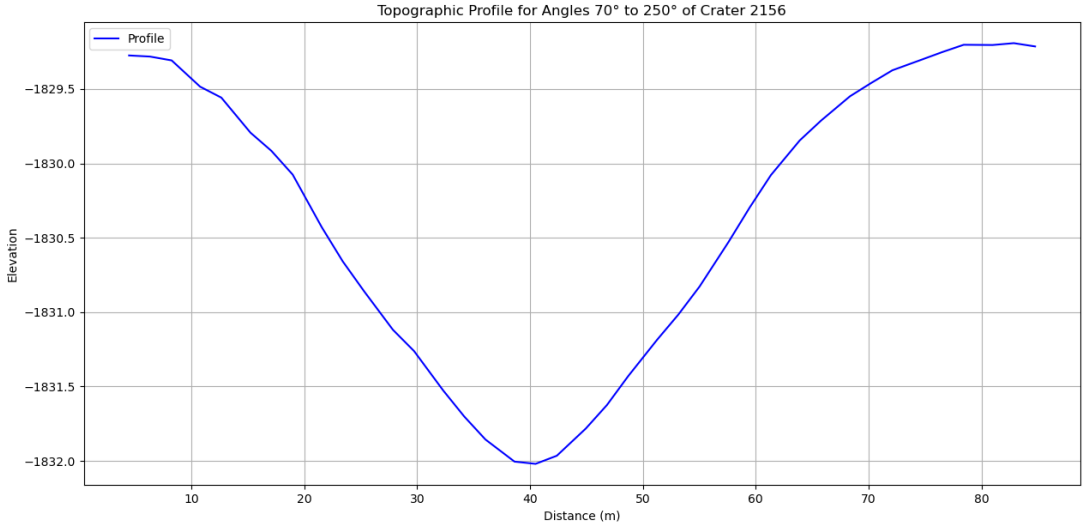
Topographic Profile for Angles 70° to 250° of Crater 2156
Profile
Elevation
Distance (m)
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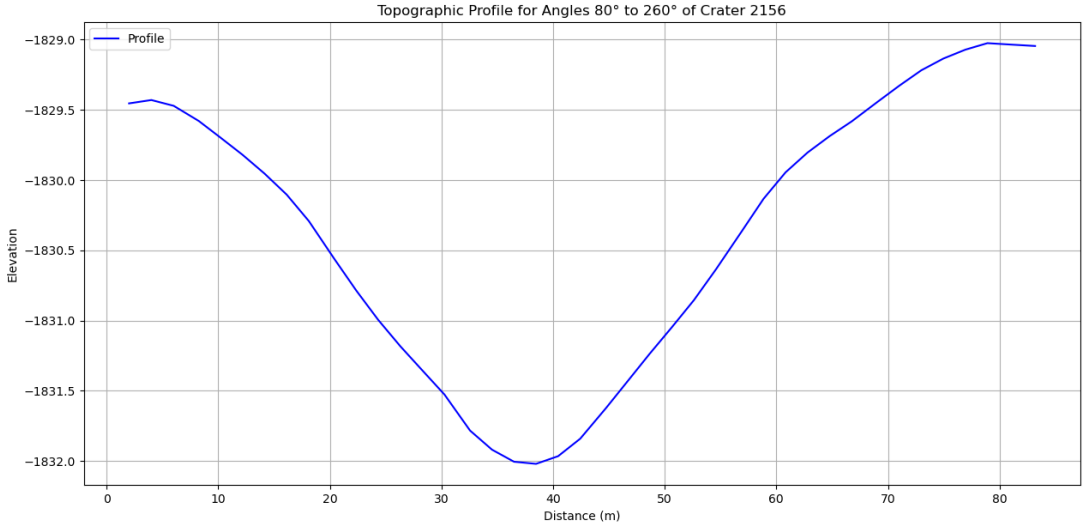
Topographic Profile for Angles 80° to 260° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
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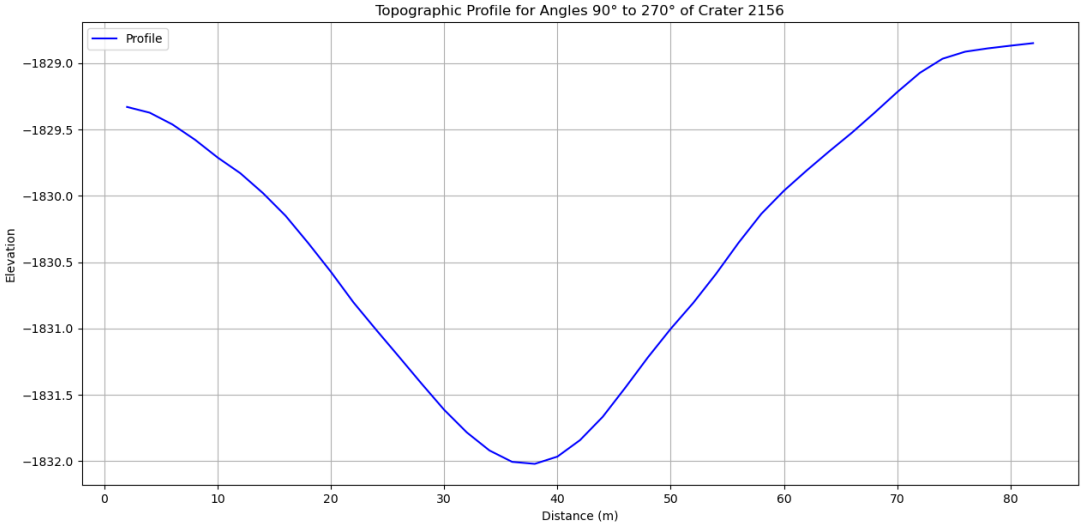
Topographic Profile for Angles 90° to 270° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
−1830.0
−1830.5
−1831.0
−1831.5
−1832.0
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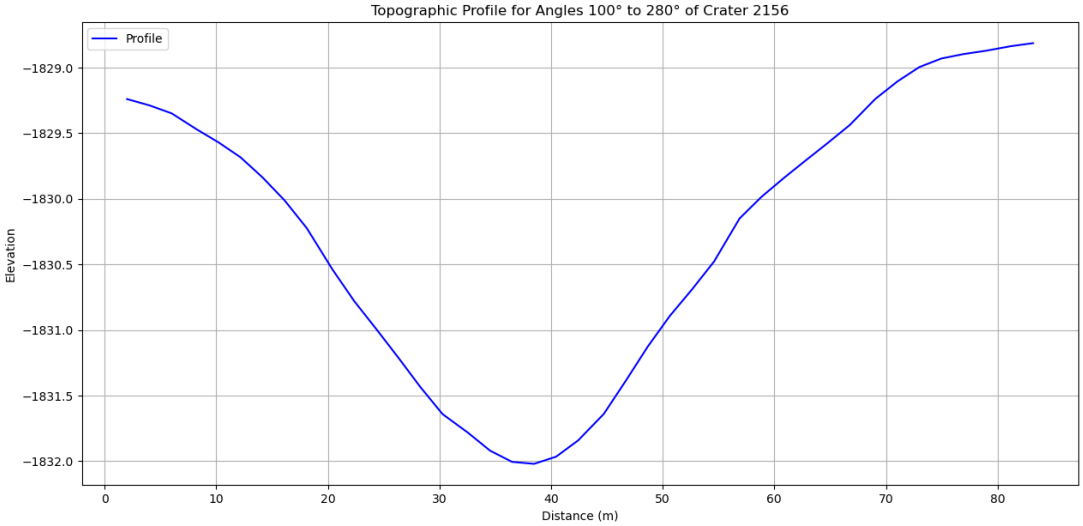
Topographic Profile for Angles 100° to 280° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
−1830.0
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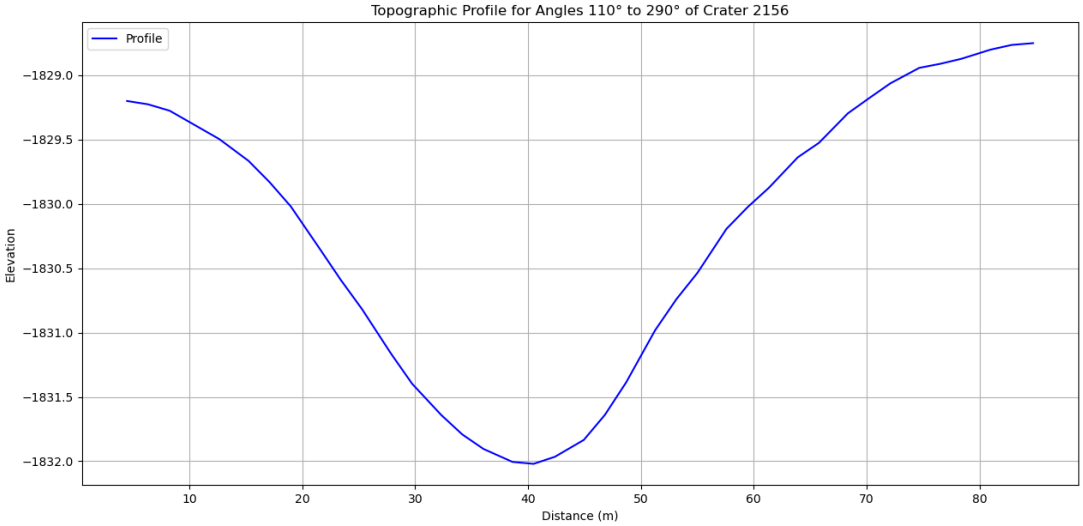
Topographic Profile for Angles 110° to 290° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
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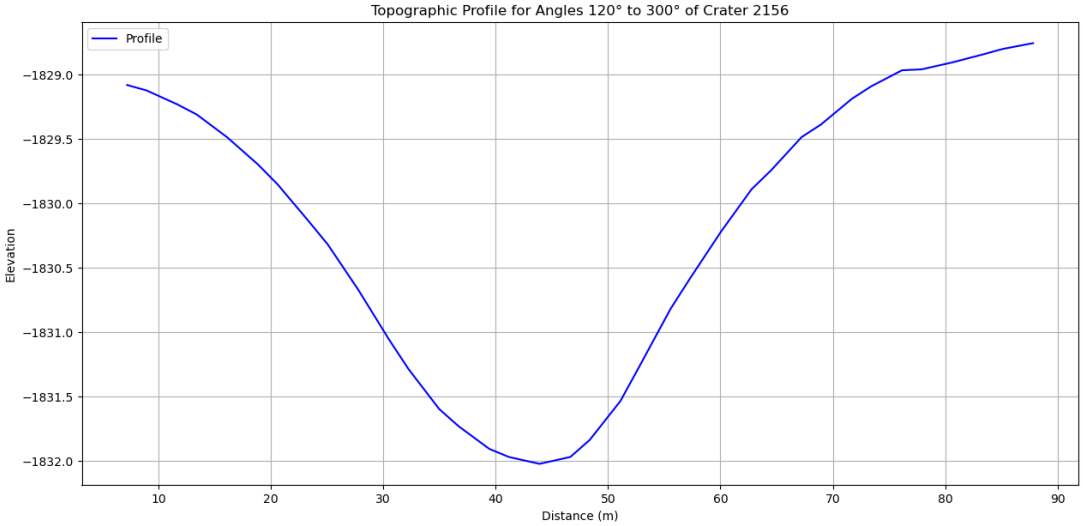
Topographic Profile for Angles 120° to 300° of Crater 2156
Profile
Elevation
Distance (m)
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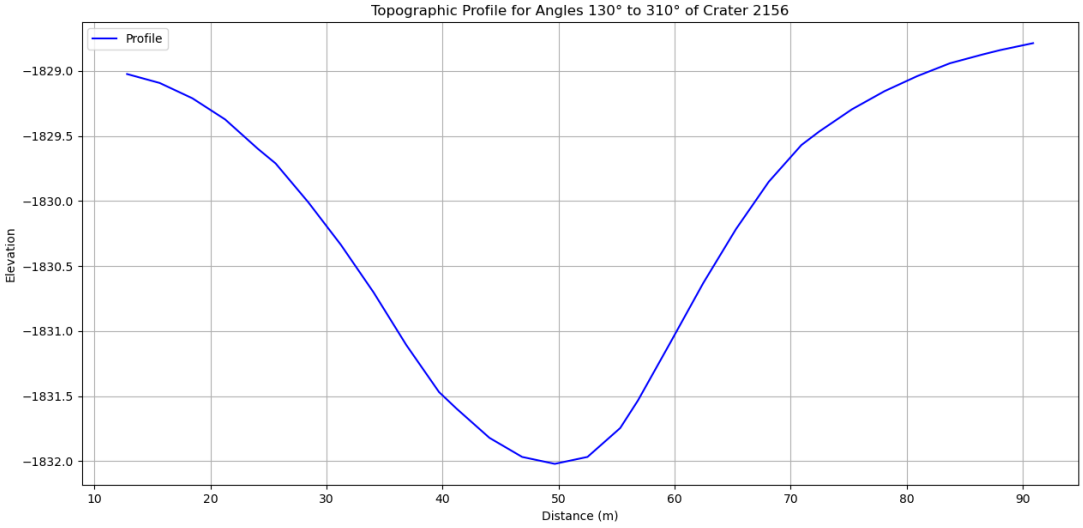
Topographic Profile for Angles 130° to 310° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
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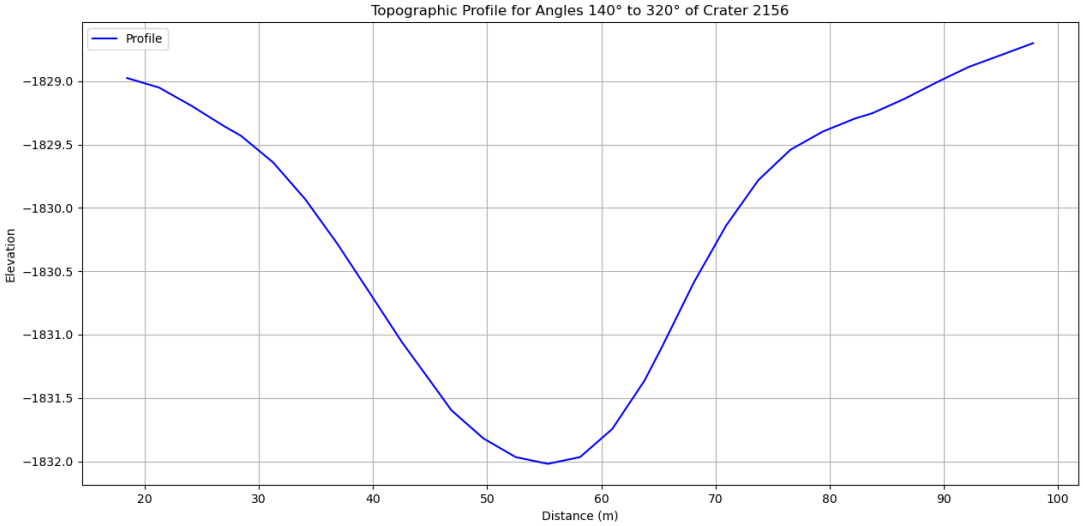
Topographic Profile for Angles 140° to 320° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
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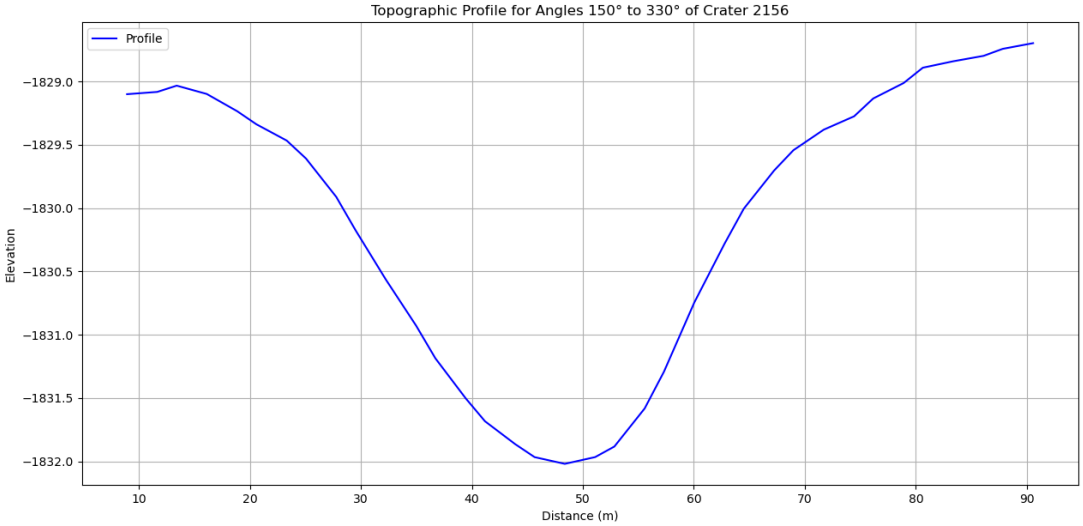
Topographic Profile for Angles 150° to 330° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.5
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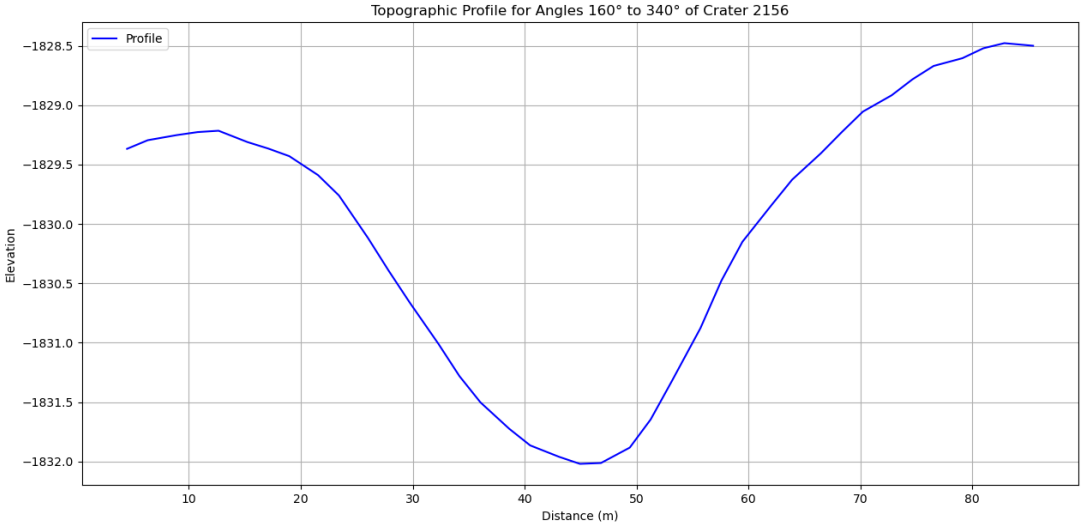
Topographic Profile for Angles 160° to 340° of Crater 2156
Profile
Elevation
Distance (m)
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−1829.0
−1829.5
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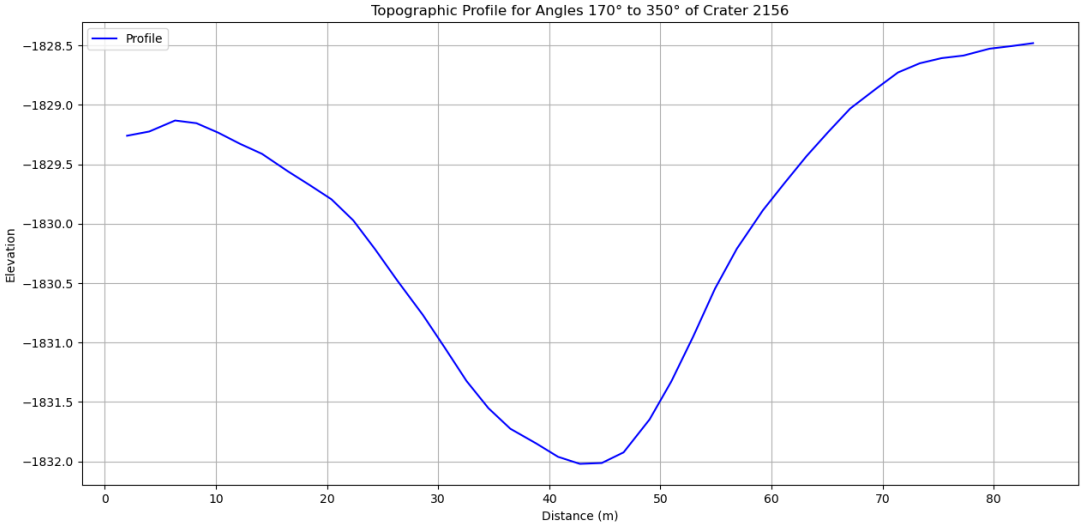
Topographic Profile for Angles 170° to 350° of Crater 2156
Profile
Elevation
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−1829.5
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−1830.5
−1831.0
−1831.5
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Distance (m)