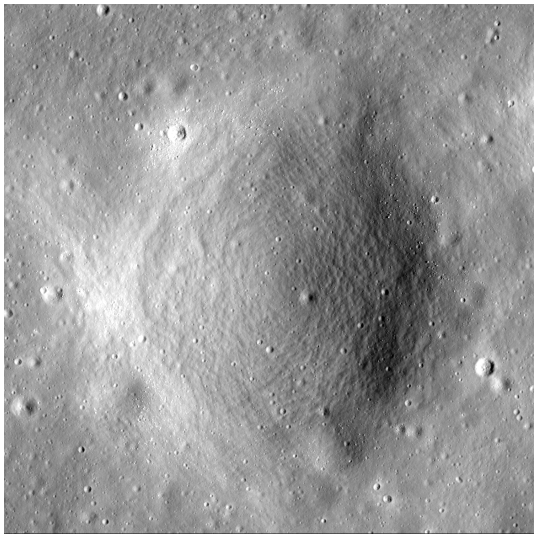
Crater report 1488 of RG2

General information



ID : 1488

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 639m ± 19.0m

Mean depht : 46.5m ± 0.5m

d/D ratio : 0.073 ± 0.002

Circularity index : 0.93

Slope : Between 7.39° et 13.04°

Mean value of TRI on the rim crest : 0.31

Geometric center coordinates : (3658318.704767203, 223989.94413718258)

Coordinates of the crater's lowest point : (3658347.000001101, 223983.00000006607)

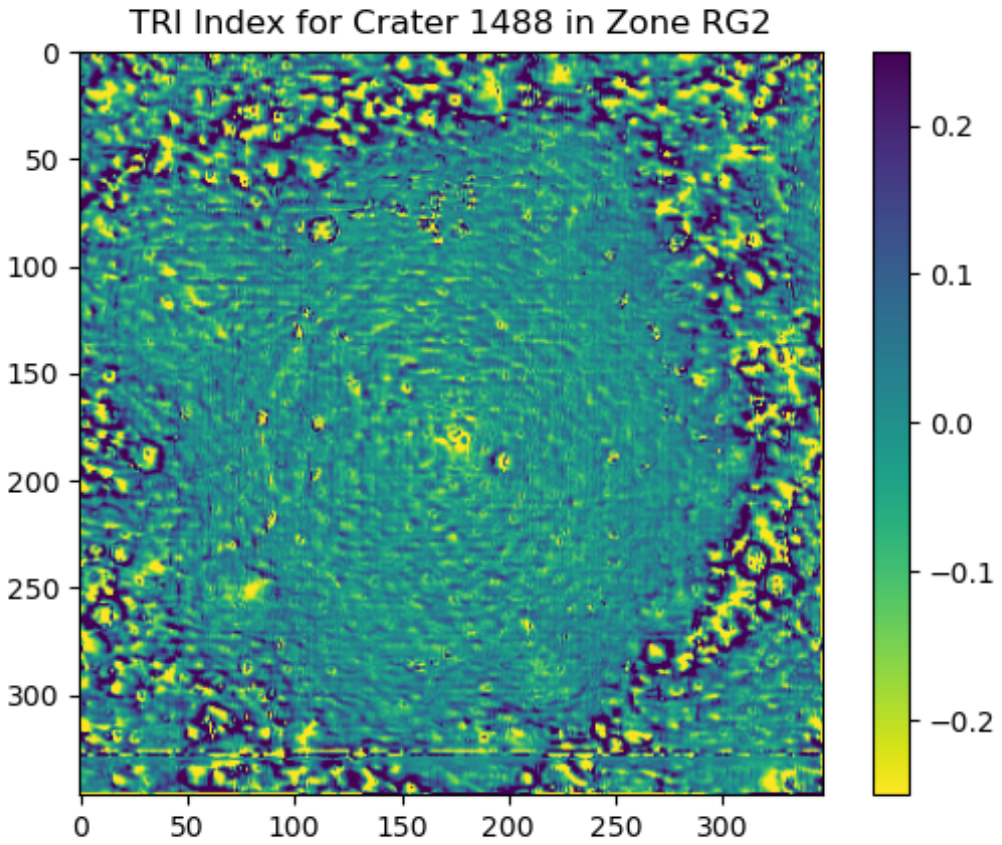
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	11.66	0.57
10°	10.39	0.55
20°	9.5	0.52
30°	10.48	0.48
40°	12.53	0.43
50°	13.04	0.43
60°	12.63	0.48
70°	12.22	0.51
80°	12.36	0.54
90°	12.63	0.57
100°	11.82	0.54
110°	11.88	0.51

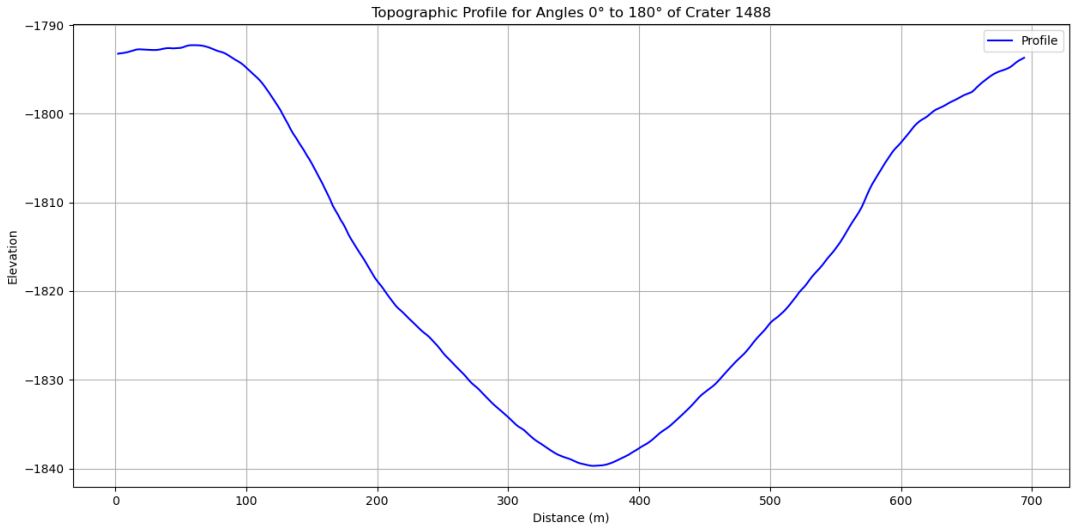
120°	12.26	0.48
130°	12.23	0.43
140°	11.91	0.43
150°	10.83	0.48
160°	9.23	0.51
170°	10.41	0.54
180°	10.84	0.57
190°	10.35	0.54
200°	10.29	0.51
210°	10.49	0.48
220°	11.15	0.43
230°	9.2	0.43
240°	9.26	0.48
250°	9.9	0.51
260°	10.96	0.54
270°	11.43	0.57
280°	10.14	0.54
290°	8.02	0.51
300°	7.39	0.48
310°	9.91	0.43
320°	11.28	0.43
330°	11.13	0.48
340°	11.44	0.51
350°	11.41	0.54

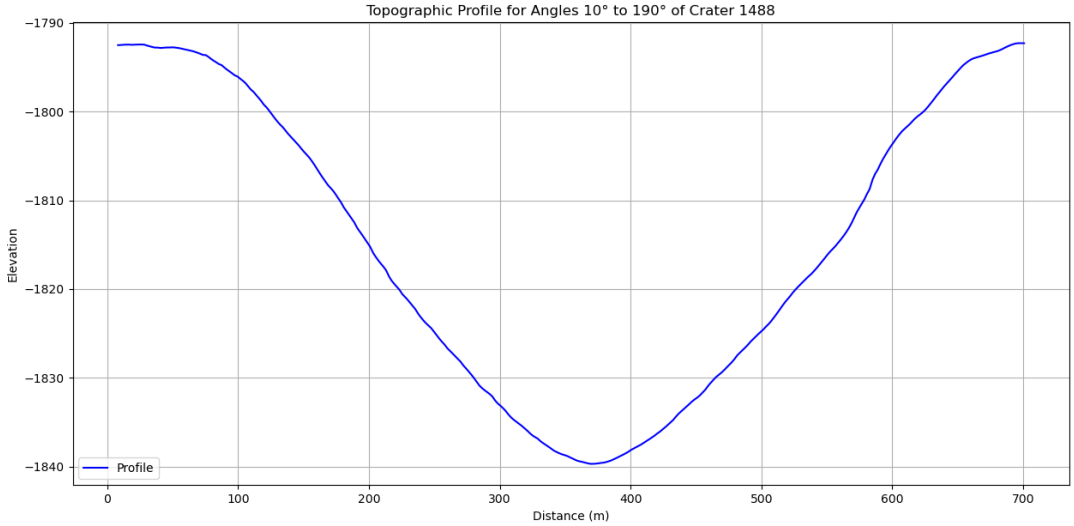
Topographic roughness index (TRI)

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 1488
Elevation
Distance (m)
Profile
−1790
−1800
−1810
−1820
−1830
−1840
0
100
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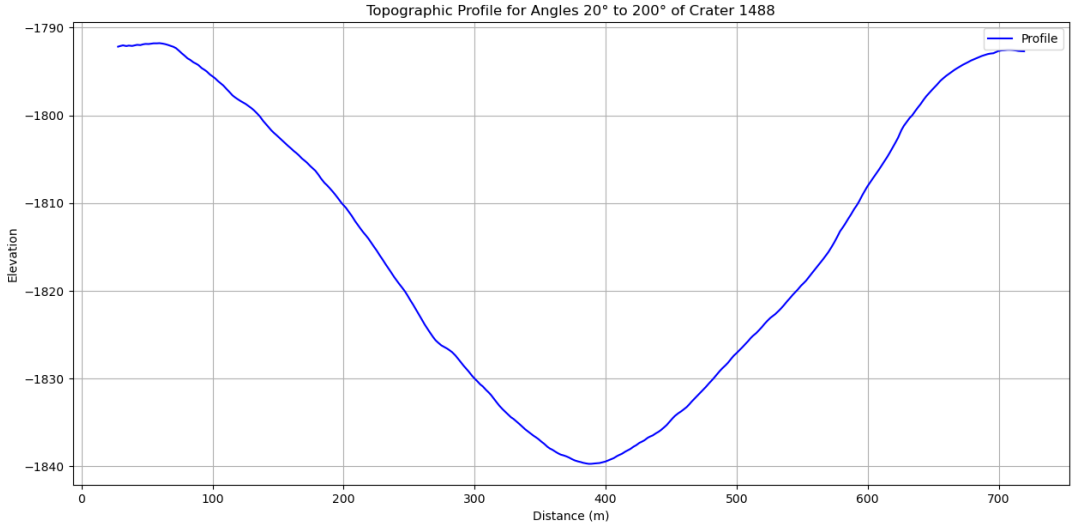
Topographic Profile for Angles 20° to 200° of Crater 1488
Elevation
Distance (m)
Profile
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−1800
−1810
−1820
−1830
−1840
0
100
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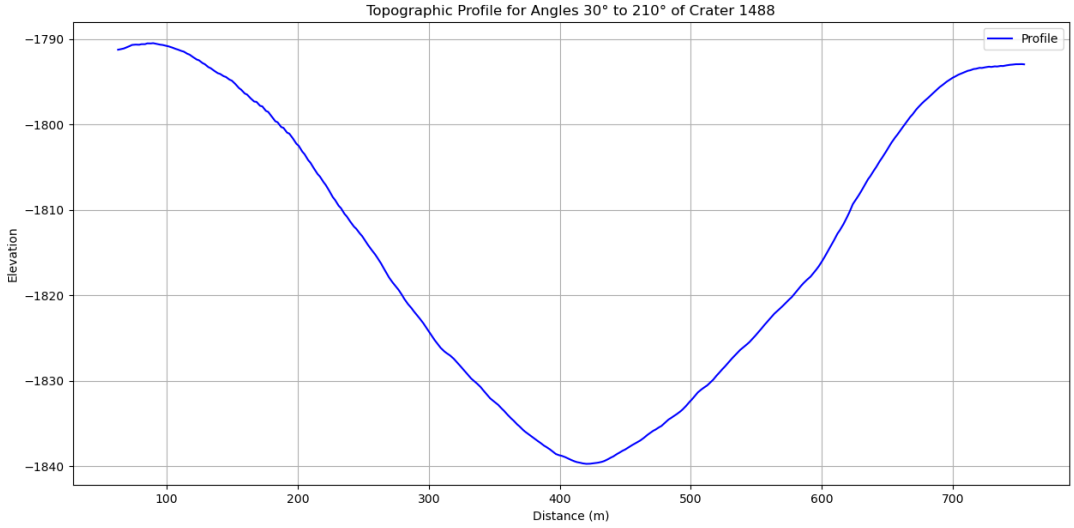
Topographic Profile for Angles 30° to 210° of Crater 1488
Profile
Elevation
Distance (m)
−1790
−1800
−1810
−1820
−1830
−1840
100
200
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400
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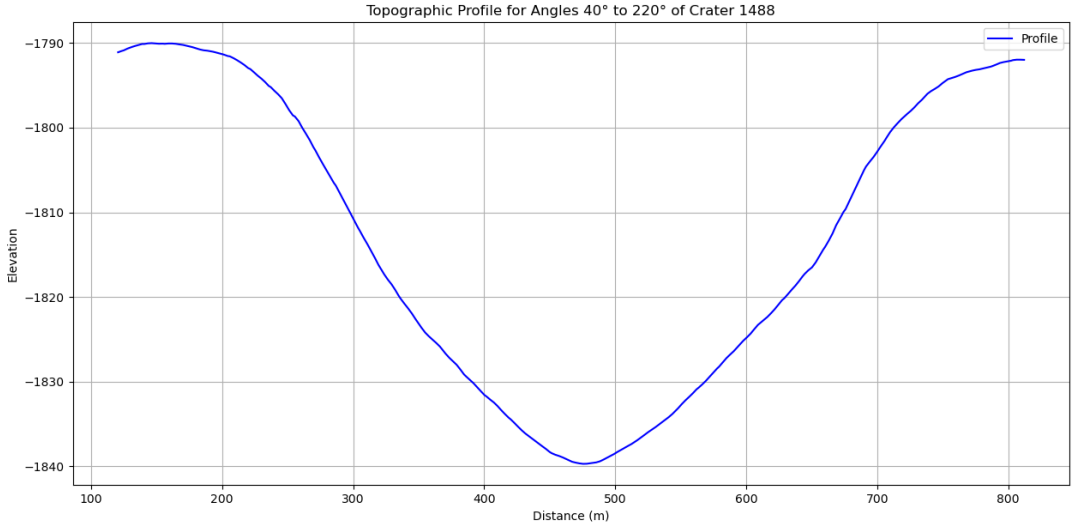
Topographic Profile for Angles 40° to 220° of Crater 1488
Profile
Elevation
Distance (m)
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−1800
−1810
−1820
−1830
−1840
100
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600
700
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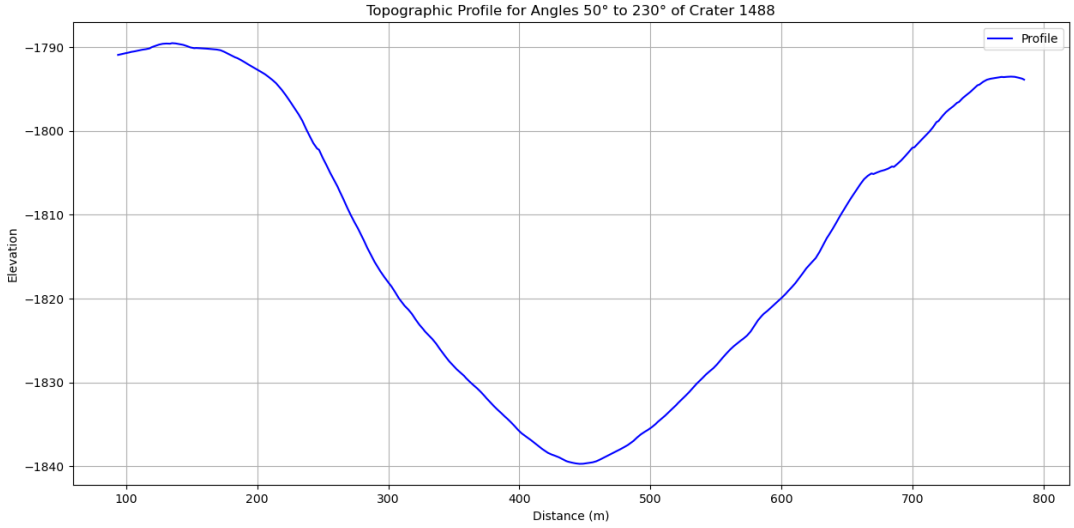
Topographic Profile for Angles 50° to 230° of Crater 1488
Profile
Elevation
Distance (m)
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−1800
−1810
−1820
−1830
−1840
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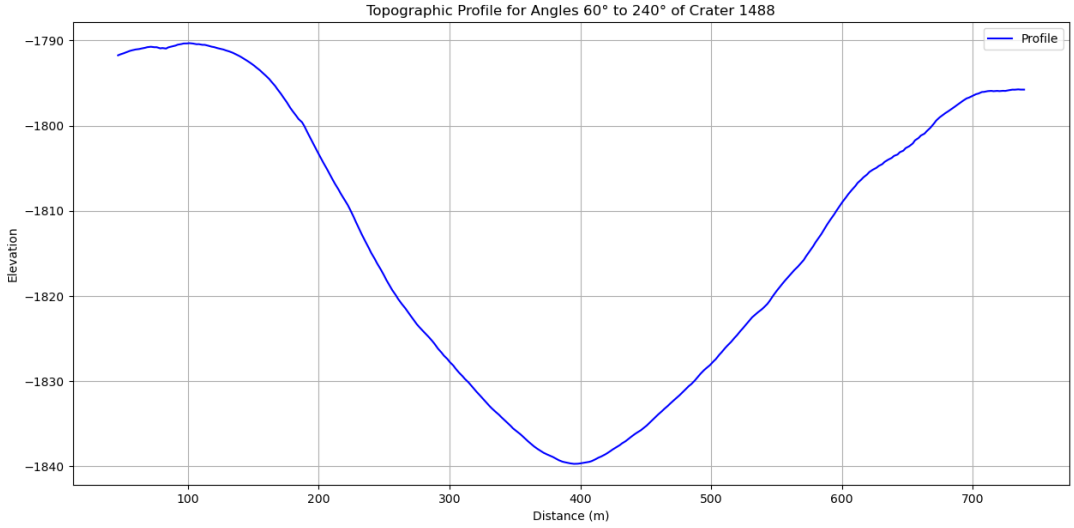
Topographic Profile for Angles 60° to 240° of Crater 1488
Profile
Elevation
Distance (m)
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−1800
−1810
−1820
−1830
−1840
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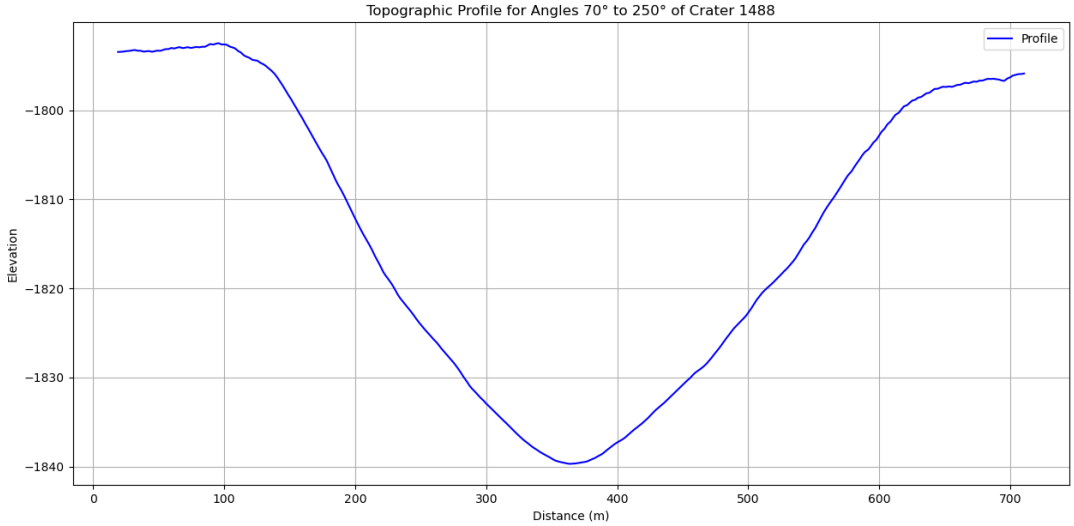
Topographic Profile for Angles 70° to 250° of Crater 1488
Profile
Elevation
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−1810
−1820
−1830
−1840
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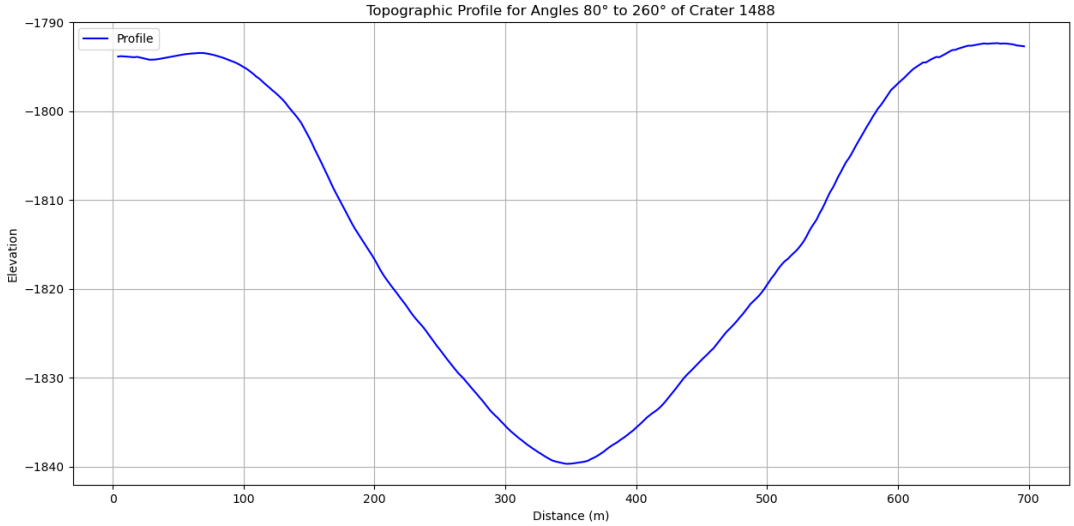
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 1488
Profile
Elevation
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−1810
−1820
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−1840
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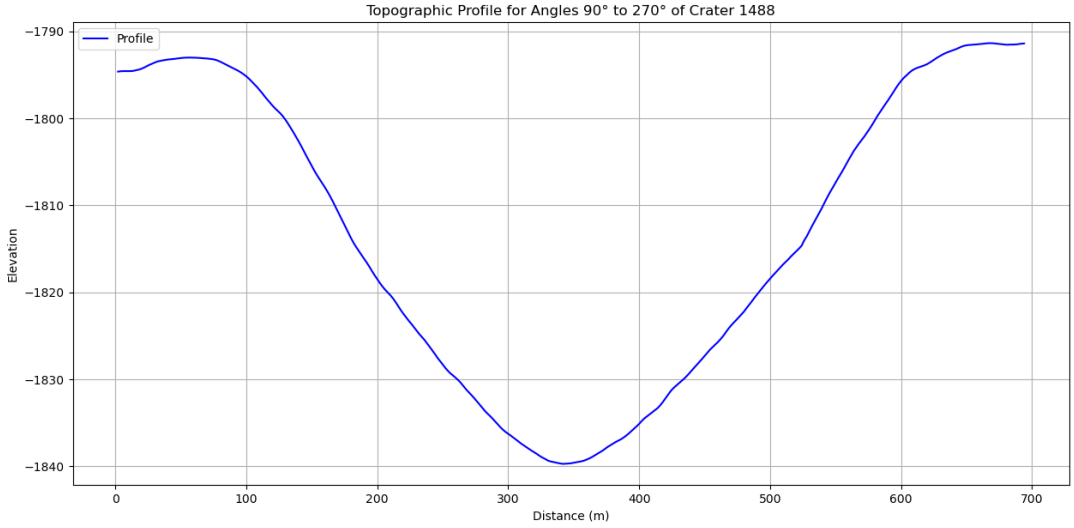
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 1488
Profile
Elevation
Distance (m)
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−1800
−1810
−1820
−1830
−1840
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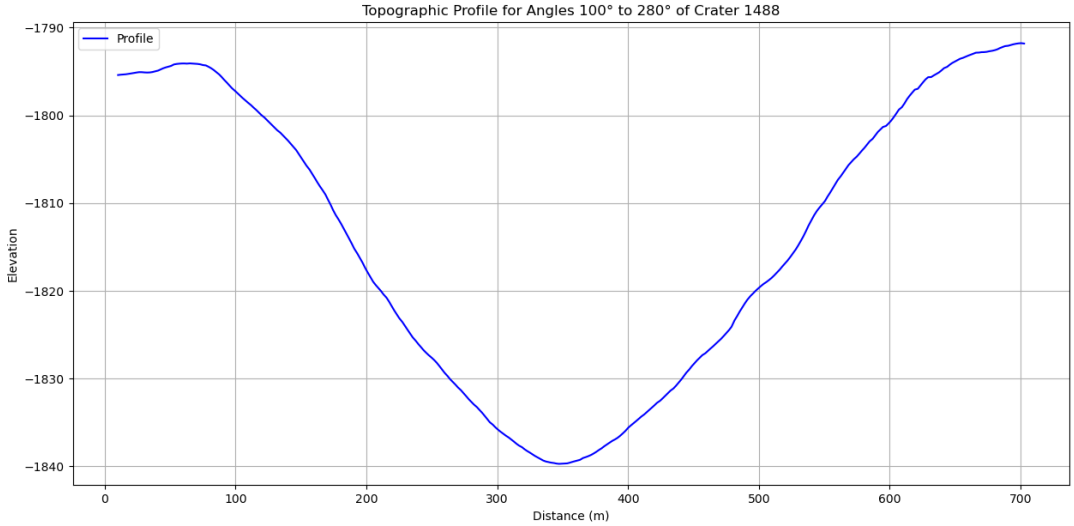
Topographic Profile for Angles 100° to 280° of Crater 1488
Profile
Elevation
Distance (m)
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−1800
−1810
−1820
−1830
−1840
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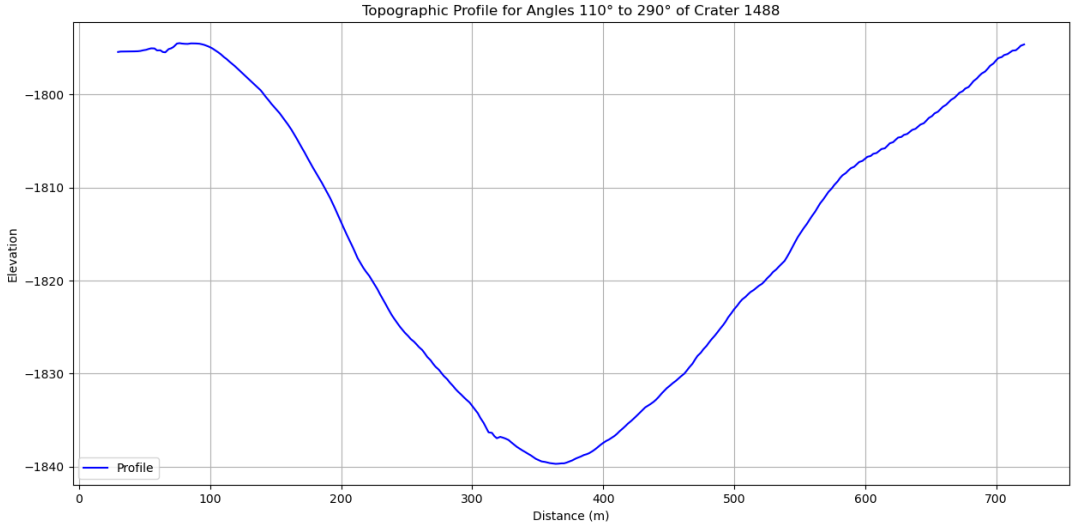
Topographic Profile for Angles 110° to 290° of Crater 1488
Elevation
Distance (m)
Profile
−1800
−1810
−1820
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−1840
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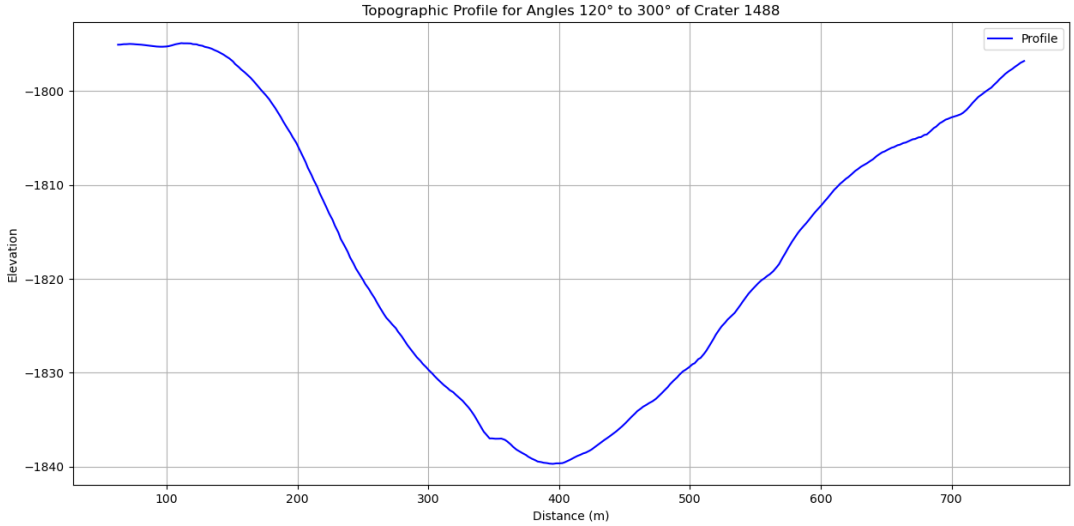
Topographic Profile for Angles 120° to 300° of Crater 1488
Elevation
Distance (m)
Profile
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−1810
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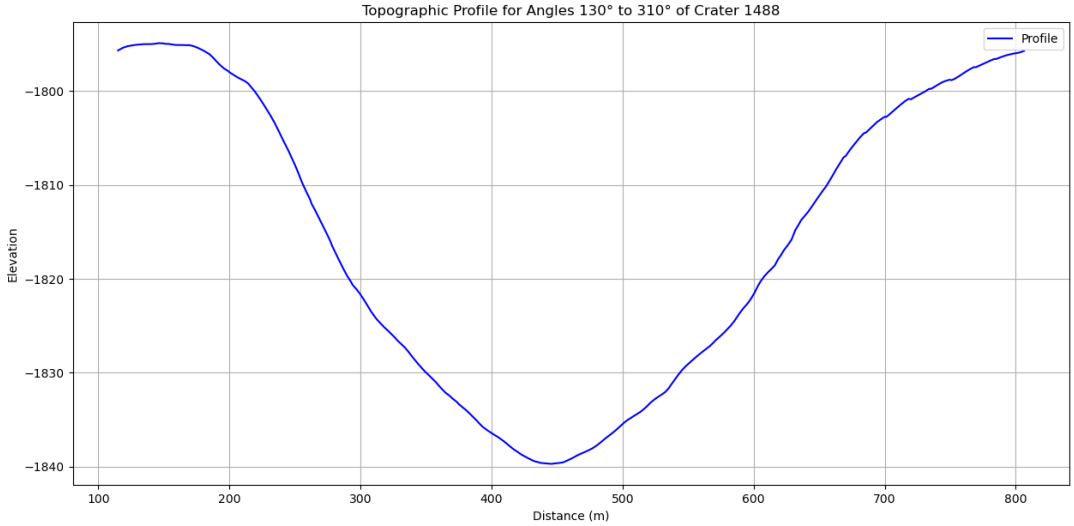
Topographic Profile for Angles 130° to 310° of Crater 1488
Profile
Elevation
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−1810
−1820
−1830
−1840
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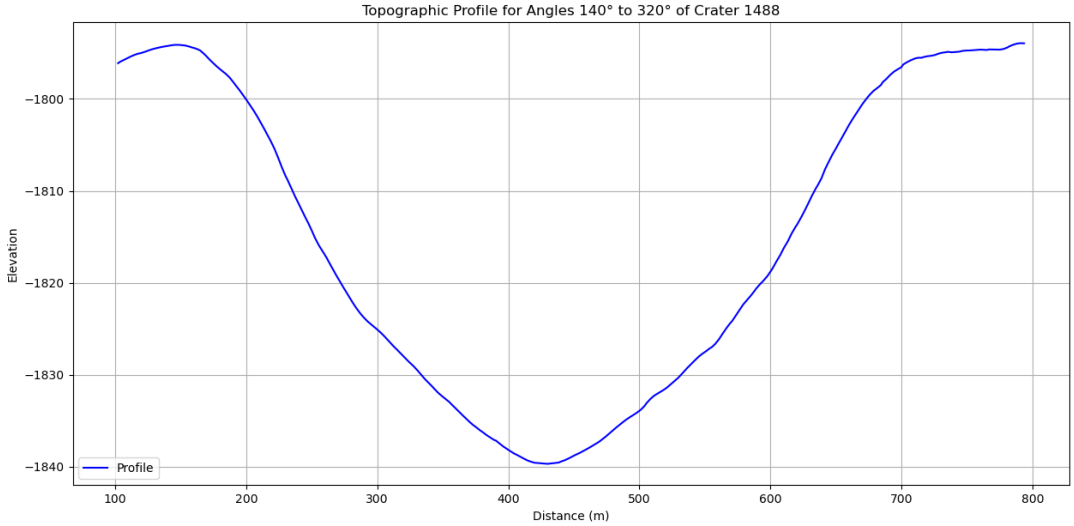
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 1488
Profile
Elevation
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−1810
−1820
−1830
−1840
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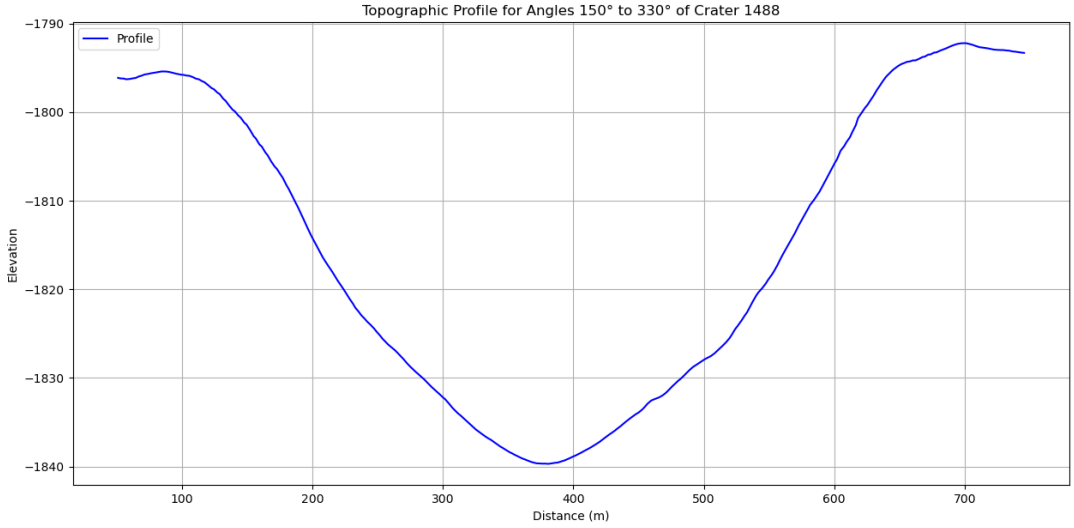
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 1488
Profile
Elevation
Distance (m)
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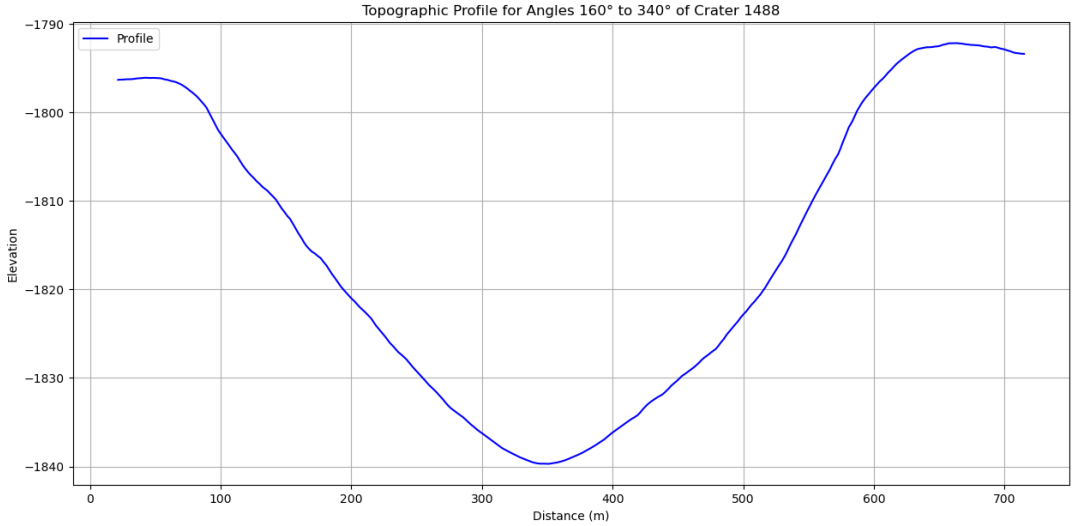
Topographic Profile for Angles 160° to 340° of Crater 1488
Profile
Elevation
Distance (m)
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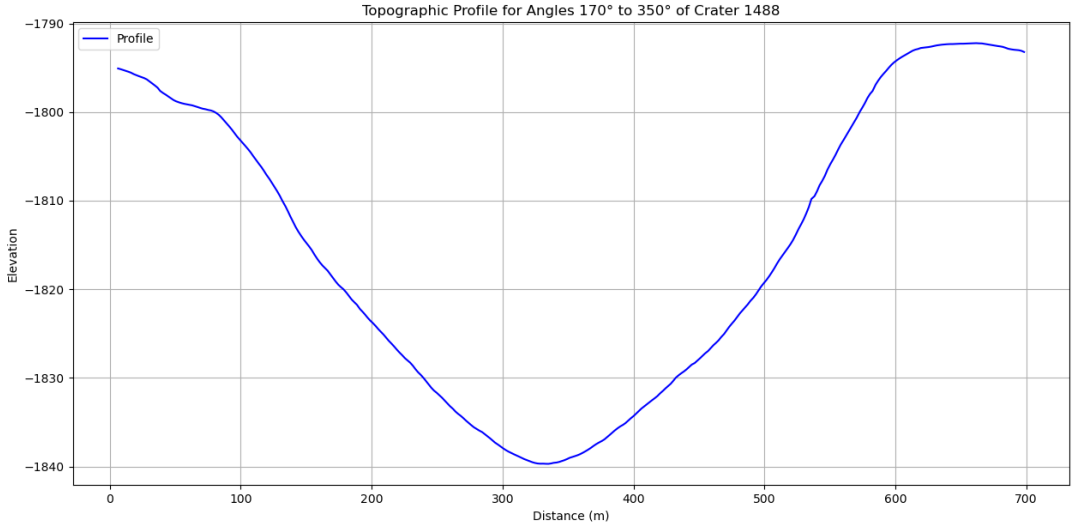
Topographic Profile for Angles 170° to 350° of Crater 1488
Profile
Elevation
Distance (m)
−1790
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