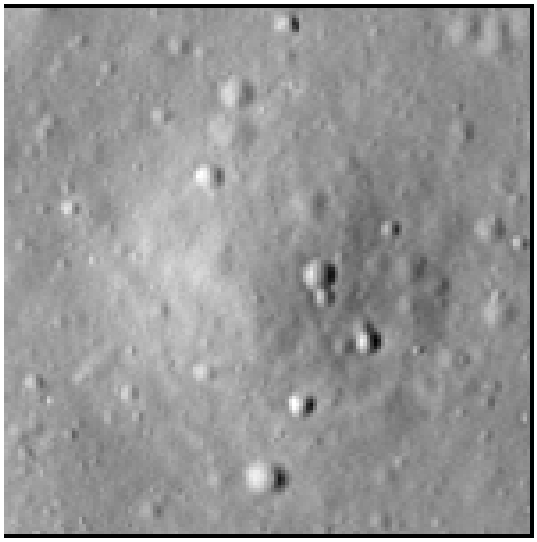
Crater report 1369 of RG2

General information



ID : 1369

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 81m ± 4.0m

Mean depht : 3.2m ± 0.2m

d/D ratio : 0.04 ± 0.003

Circularity index : 0.92

Slope : Between 4.21° et 8.78°

Mean value of TRI on the rim crest : 0.03

Geometric center coordinates : (3656944.7715832875, 224186.3697135647)

Coordinates of the crater's lowest point : (3656943.0000011004, 224185.00000006615)

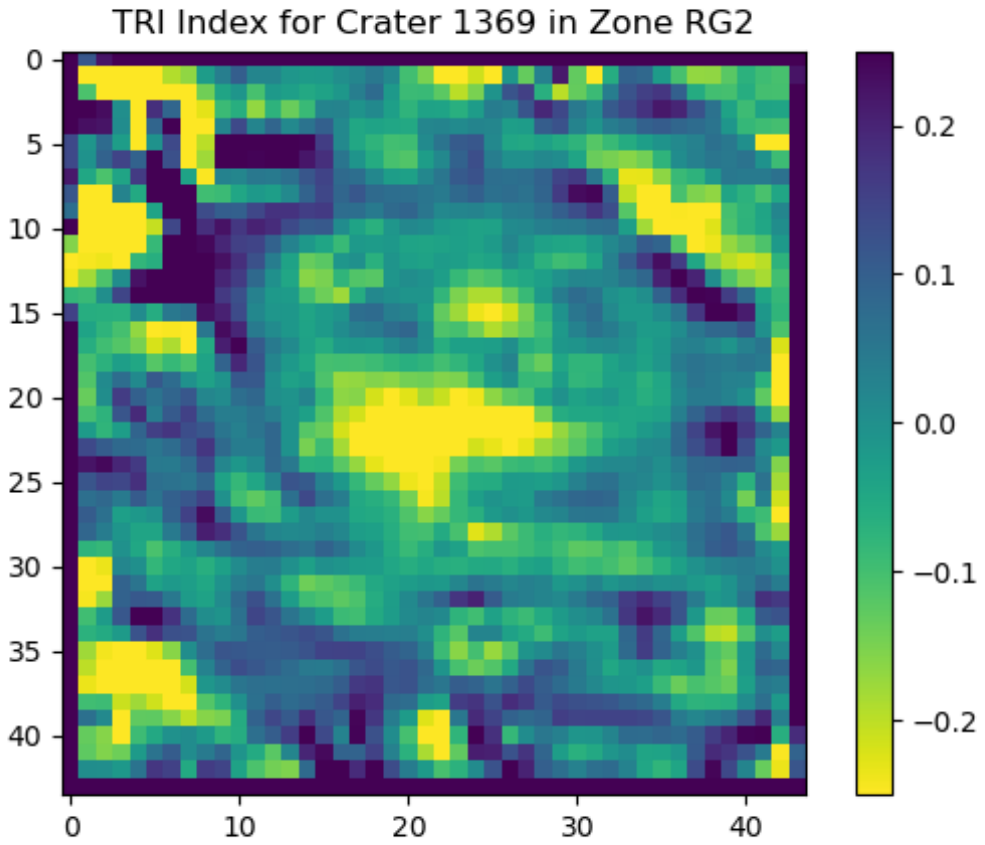
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	5.02	0.57
10°	4.8	0.55
20°	4.27	0.51
30°	4.21	0.48
40°	4.23	0.43
50°	4.44	0.43
60°	4.22	0.49
70°	4.57	0.52
80°	5.32	0.55
90°	5.9	0.57
100°	5.61	0.55
110°	5.07	0.52

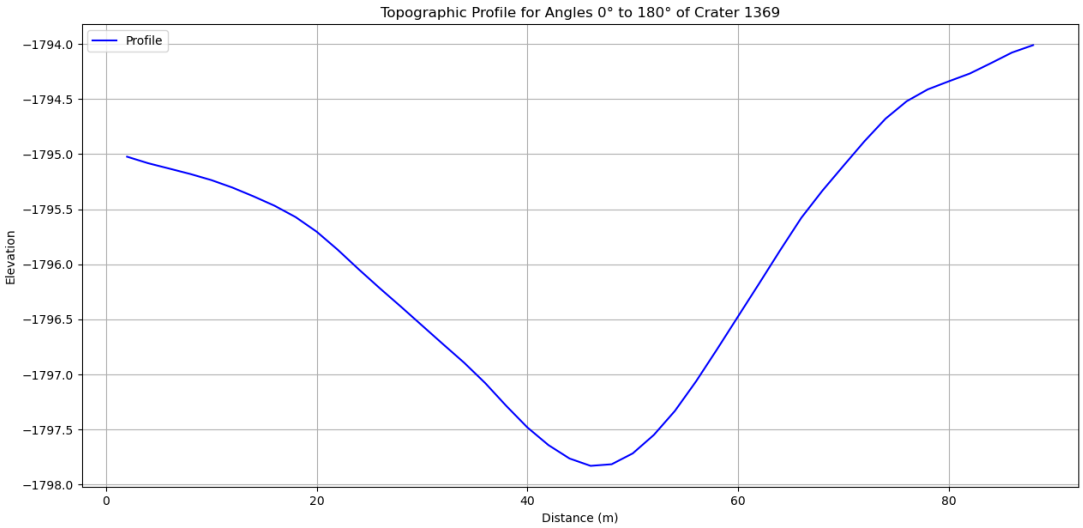
120°	4.9	0.48
130°	5.75	0.42
140°	5.86	0.42
150°	6.08	0.48
160°	6.34	0.52
170°	6.57	0.54
180°	7.76	0.57
190°	7.74	0.55
200°	7.38	0.51
210°	7.24	0.47
220°	7.82	0.43
230°	7.54	0.43
240°	7.62	0.46
250°	7.45	0.53
260°	7.93	0.55
270°	8.78	0.57
280°	8.54	0.55
290°	7.99	0.49
300°	7.27	0.46
310°	6.88	0.44
320°	5.79	0.43
330°	5.36	0.47
340°	5.03	0.5
350°	4.84	0.56

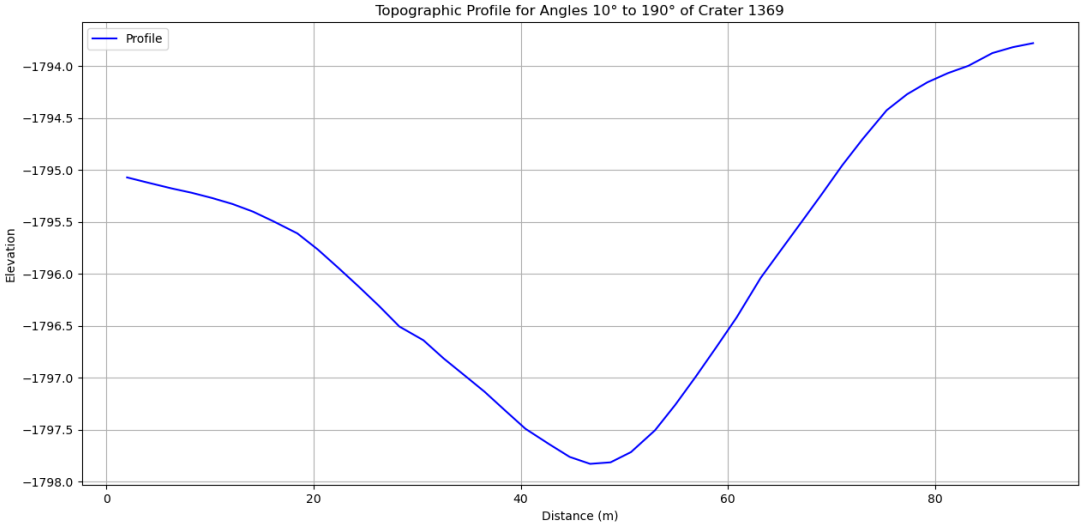
Topographic roughness index (TRI)

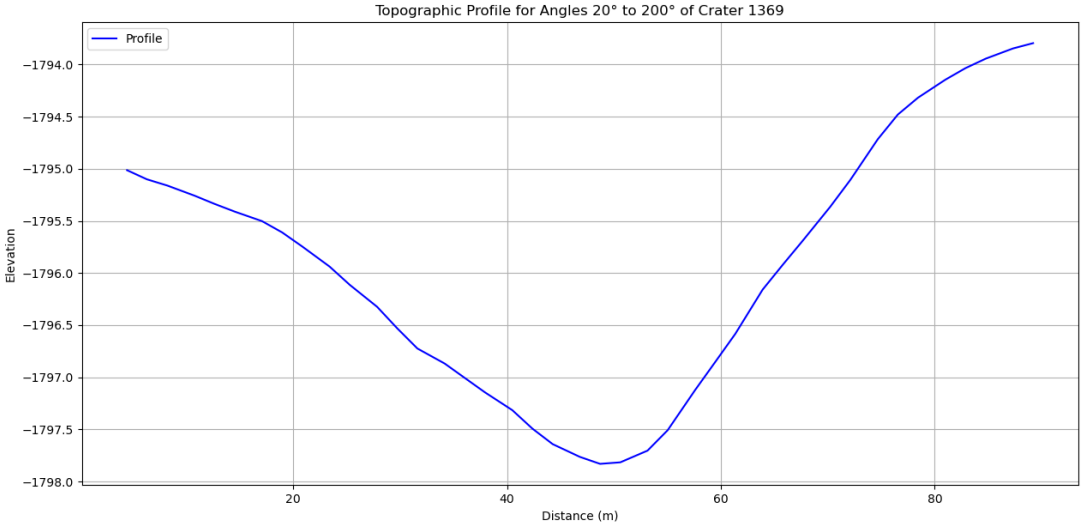
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.



Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 1369
Profile
Elevation
Distance (m)
−1794.0
−1794.5
−1795.0
−1795.5
−1796.0
−1796.5
−1797.0
−1797.5
−1798.0
0
20
40
60
80


Topographic Profile for Angles 20° to 200° of Crater 1369
Profile
Elevation
Distance (m)
−1794.0
−1794.5
−1795.0
−1795.5
−1796.0
−1796.5
−1797.0
−1797.5
−1798.0
20
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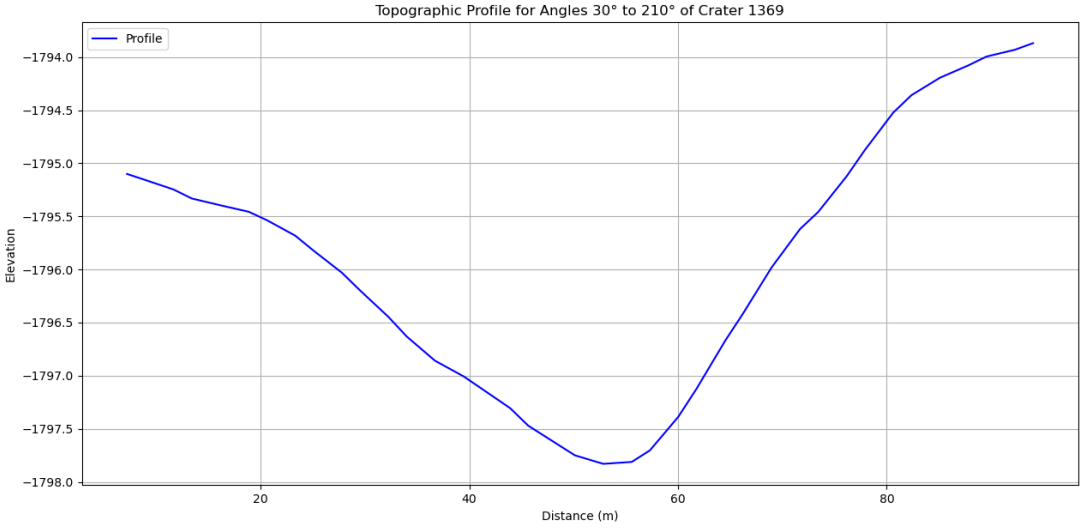
Topographic Profile for Angles 30° to 210° of Crater 1369
Profile
Elevation
Distance (m)
−1794.0
−1794.5
−1795.0
−1795.5
−1796.0
−1796.5
−1797.0
−1797.5
−1798.0
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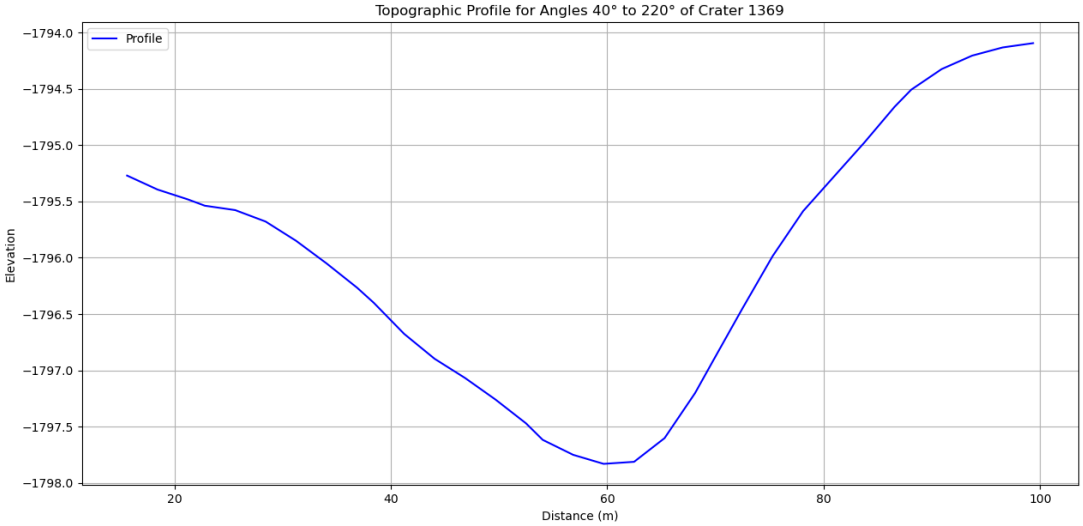
Topographic Profile for Angles 40° to 220° of Crater 1369
Profile
Elevation
Distance (m)
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−1795.0
−1795.5
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80
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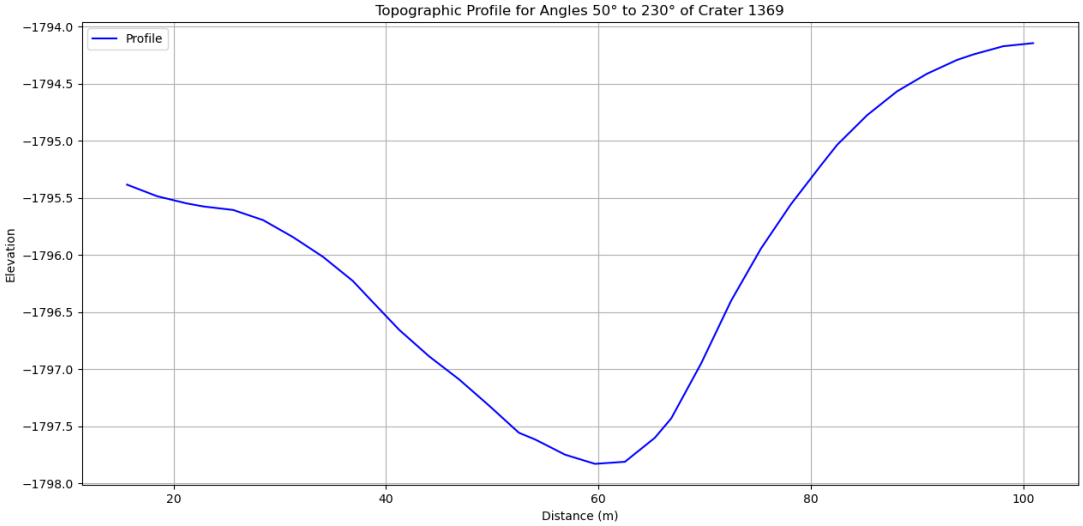
Topographic Profile for Angles 50° to 230° of Crater 1369
Profile
Elevation
Distance (m)
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−1794.5
−1795.0
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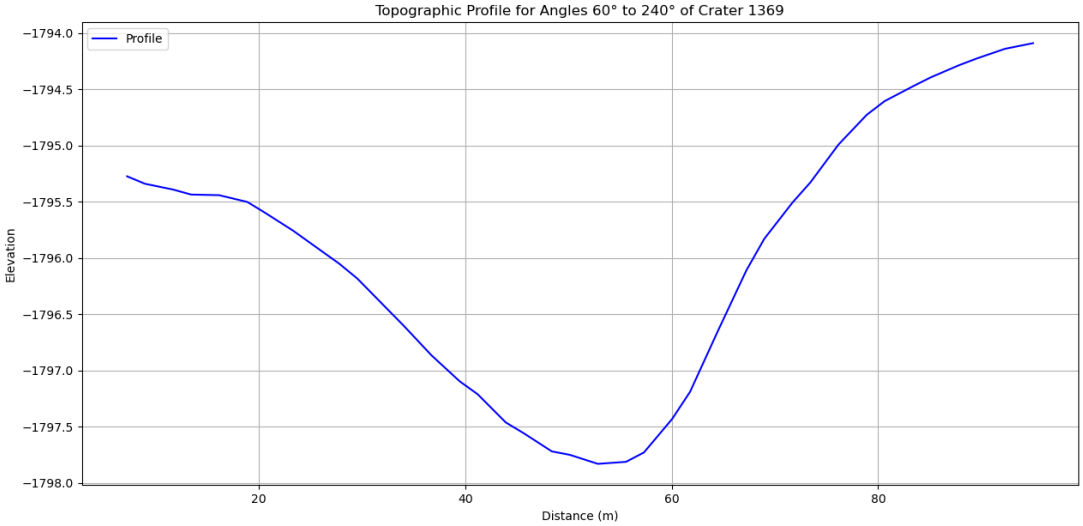
Topographic Profile for Angles 60° to 240° of Crater 1369
Profile
Elevation
Distance (m)
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−1794.5
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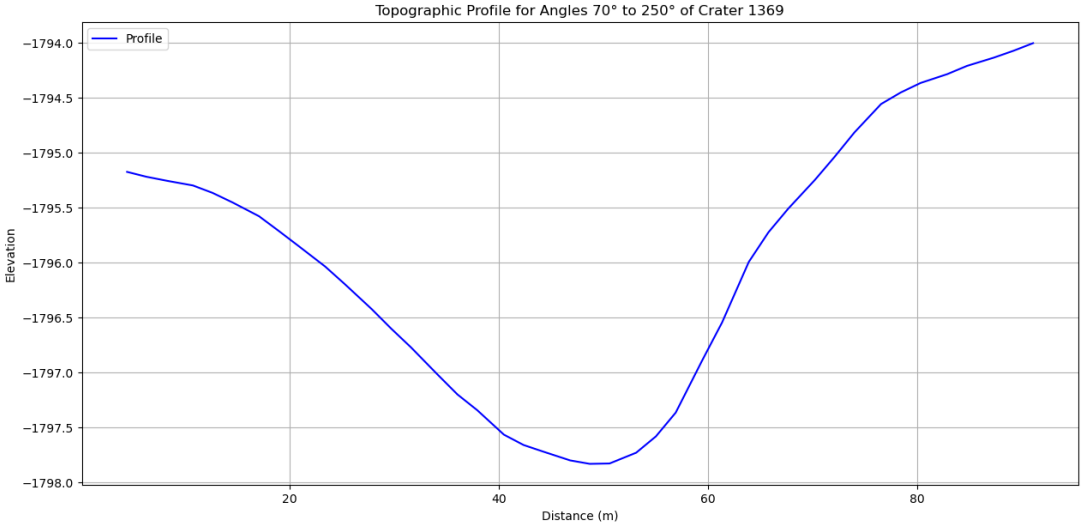
Topographic Profile for Angles 70° to 250° of Crater 1369
Profile
Elevation
Distance (m)
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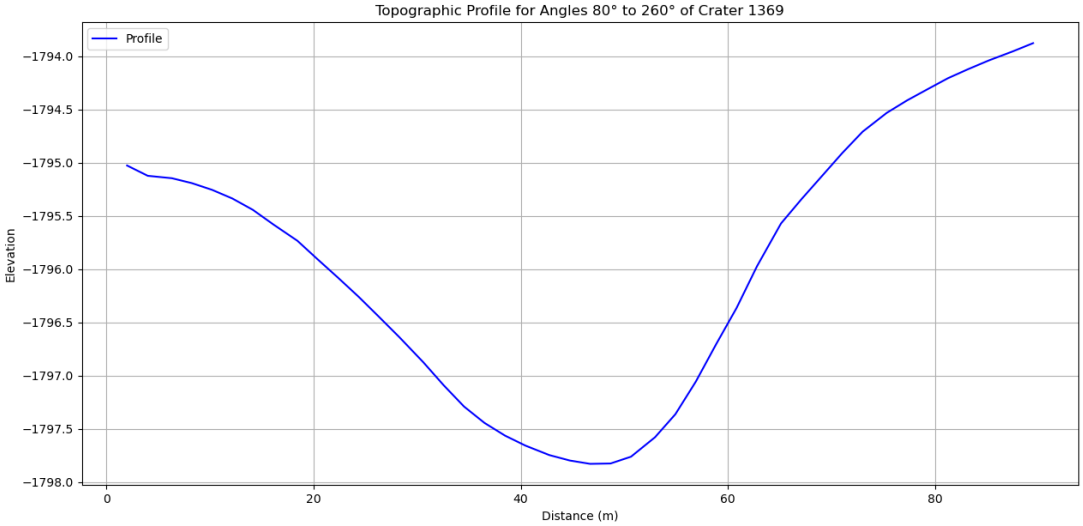
Topographic Profile for Angles 80° to 260° of Crater 1369
Profile
Elevation
Distance (m)
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−1794.5
−1795.0
−1795.5
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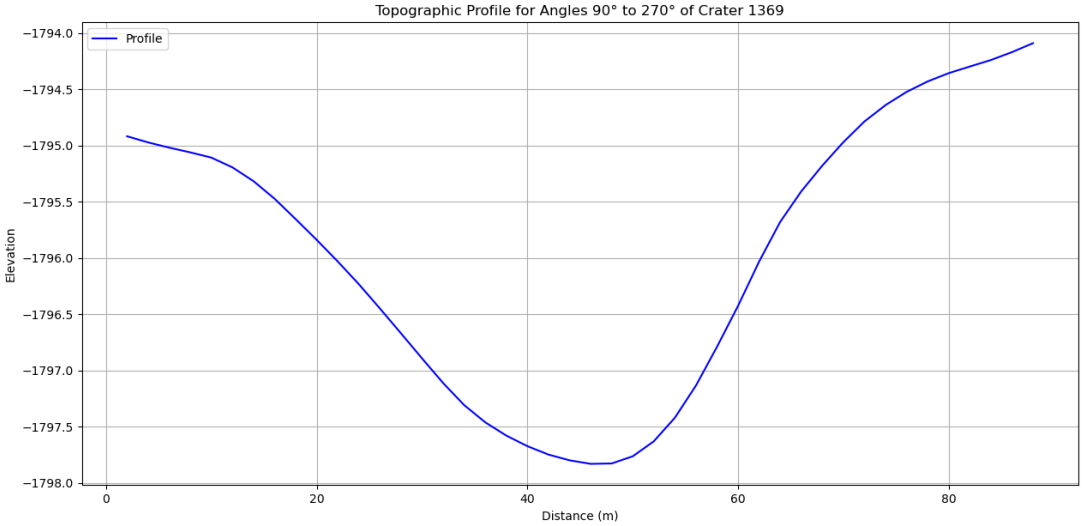
Topographic Profile for Angles 90° to 270° of Crater 1369
Profile
Elevation
Distance (m)
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−1794.5
−1795.0
−1795.5
−1796.0
−1796.5
−1797.0
−1797.5
−1798.0
0
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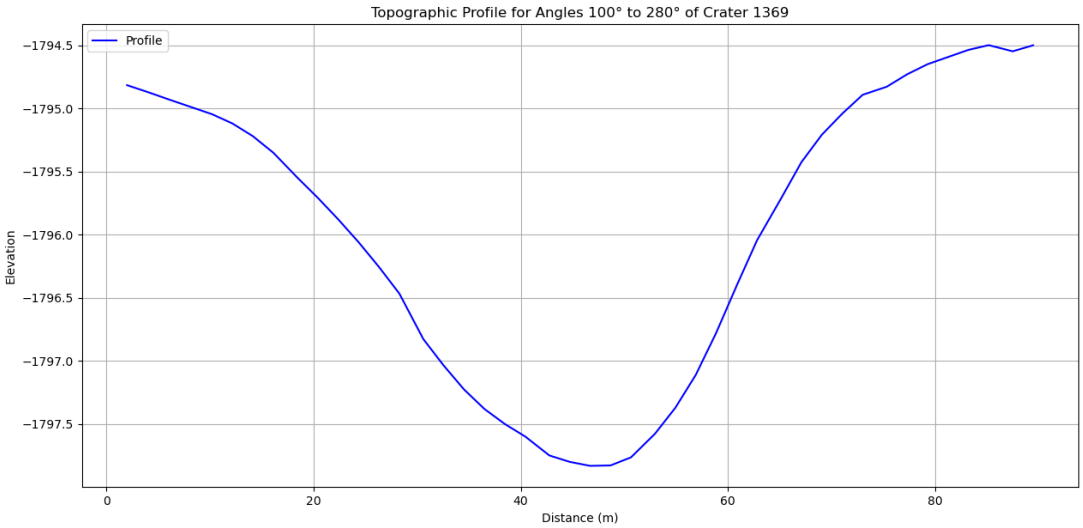
60
80


Topographic Profile for Angles 100° to 280° of Crater 1369
Profile
Elevation
Distance (m)
−1794.5
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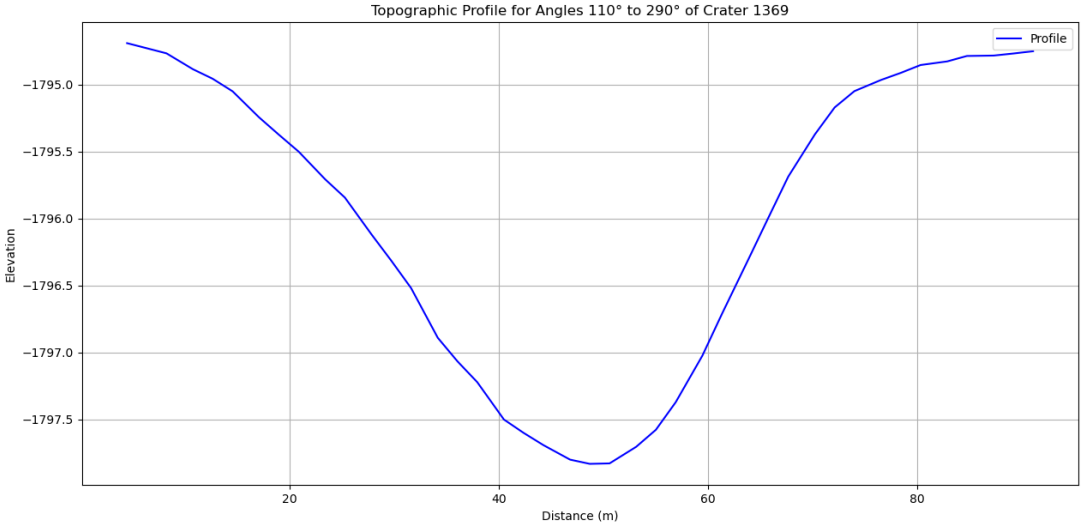
Topographic Profile for Angles 110° to 290° of Crater 1369
Profile
−1795.0
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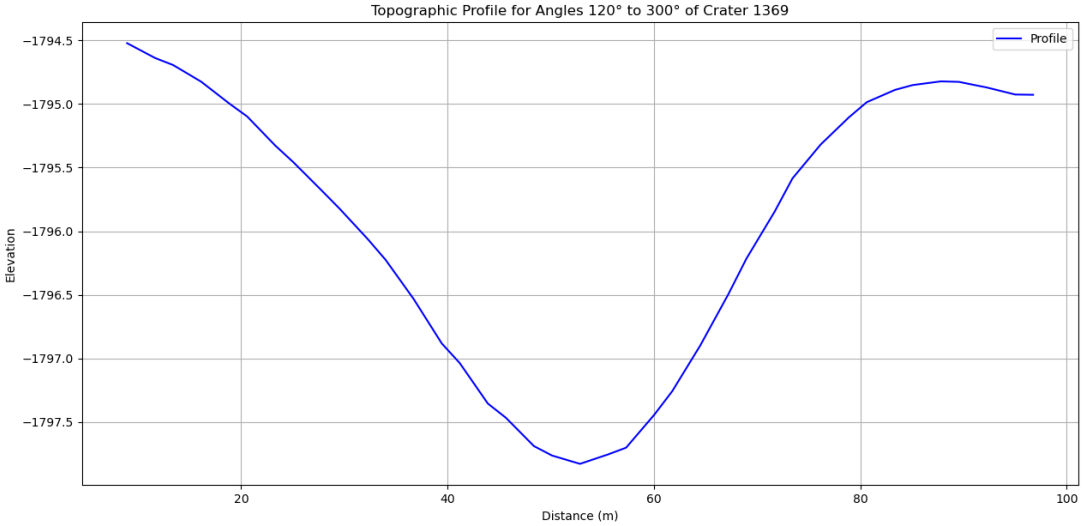
−1797.5
Elevation
20
40
60
80
Distance (m)


Topographic Profile for Angles 120° to 300° of Crater 1369
Profile
−1794.5
−1795.0
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−1796.5
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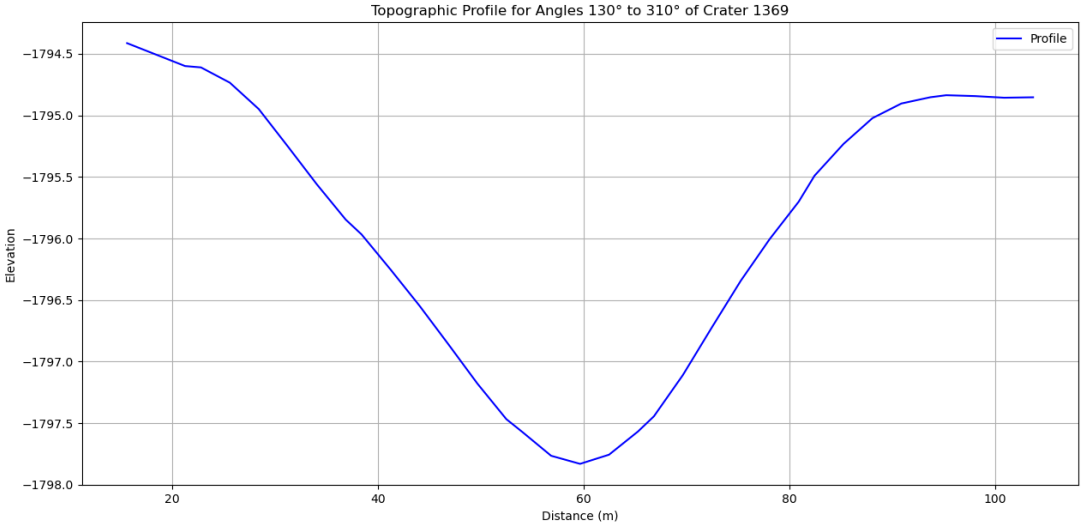
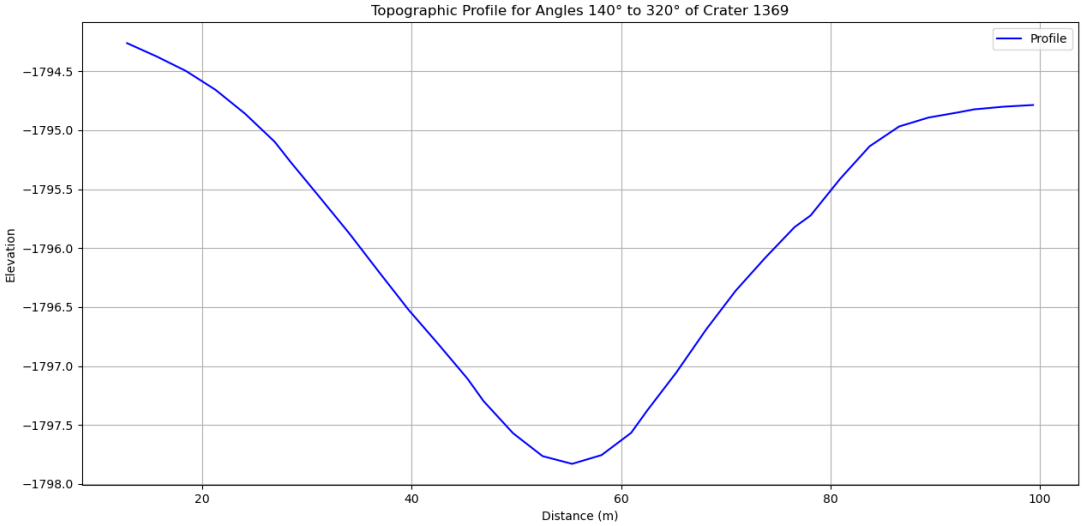
−1797.5
Elevation
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 1369
Profile
Elevation
−1794.5
−1795.0
−1795.5
−1796.0
−1796.5
−1797.0
−1797.5
−1798.0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 1369
Profile
Elevation
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−1795.0
−1795.5
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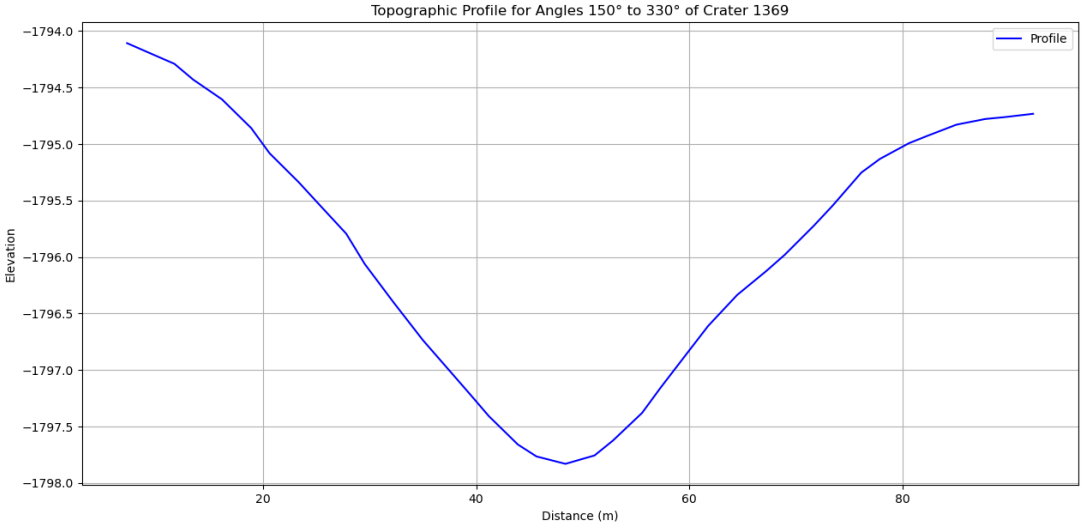
−1797.5
−1798.0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 1369
Profile
Elevation
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−1795.0
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−1798.0
20
40
60
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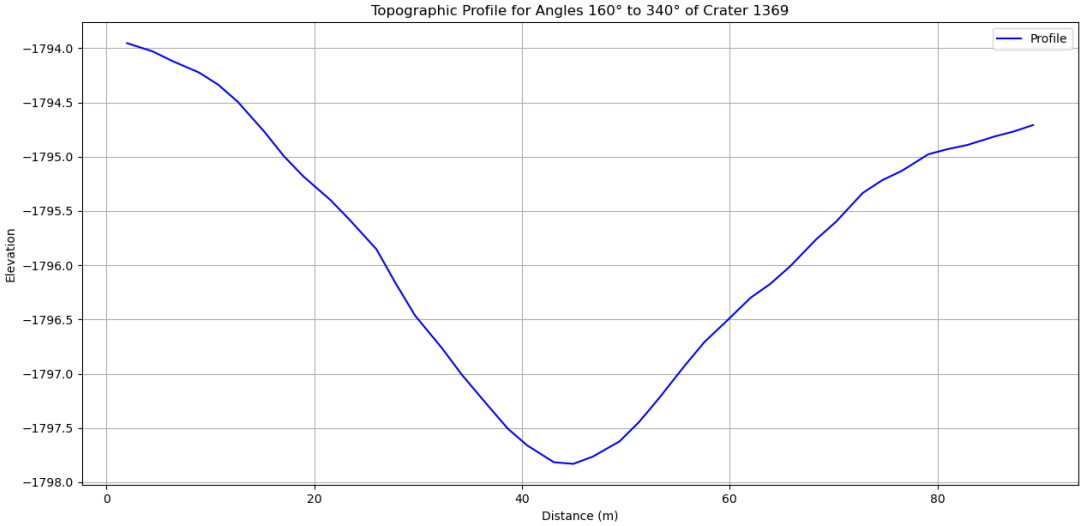
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 1369
Profile
Elevation
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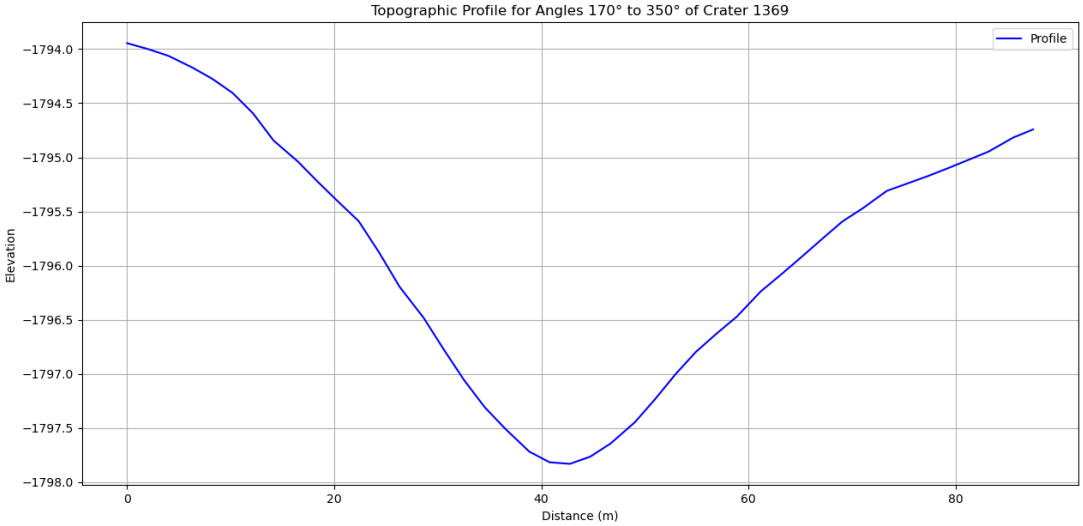
−1795.0
−1795.5
−1796.0
−1796.5
−1797.0
−1797.5
−1798.0
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 1369
Profile
Elevation
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−1795.0
−1795.5
−1796.0
−1796.5
−1797.0
−1797.5
−1798.0
0
20
40
60
80
Distance (m)