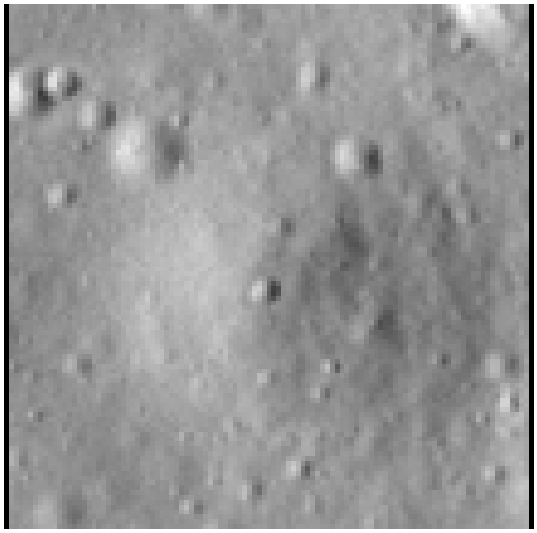
Crater report 1390 of RG2

General information



ID : 1390

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 54m ± 4.0m

Mean depht : 2.1m ± 0.2m

d/D ratio : 0.039 ± 0.005

Circularity index : 0.9

Mean slope : 5.23°

Mean value of TRI on the rim crest : 0.35

Geometric center coordinates : (3656782.530686996, 224405.1365606446)

Coordinates of the crater's lowest point : (3656779.0000011004, 224403.0000000662)

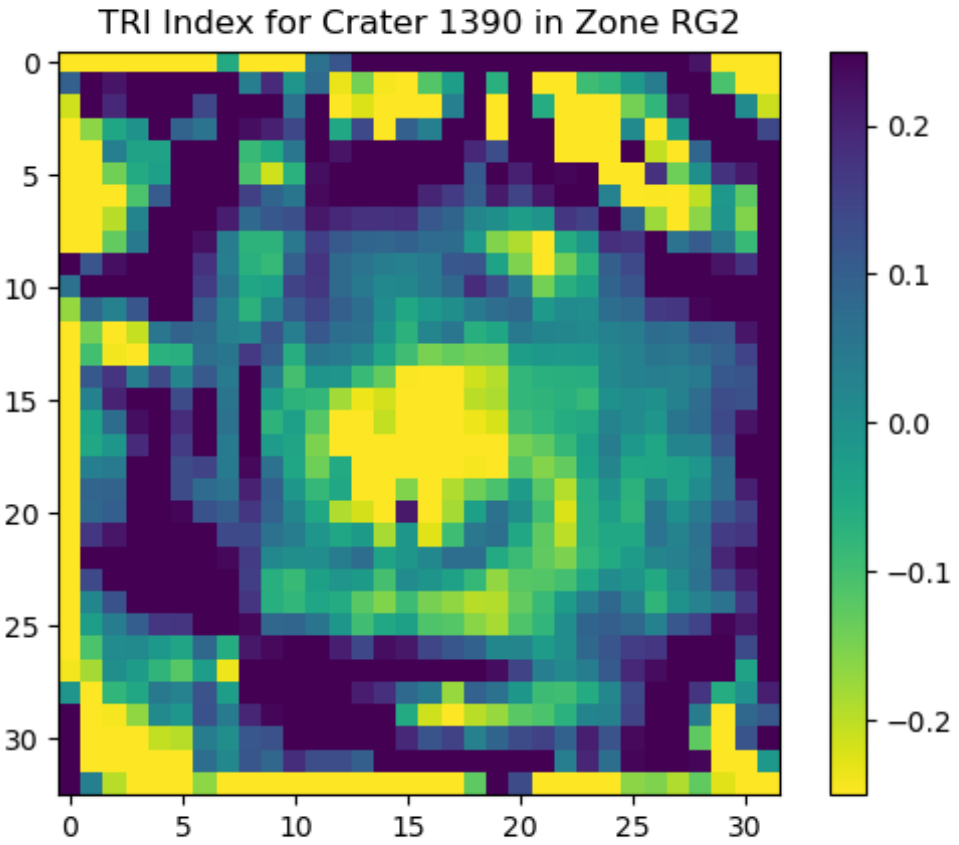
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	6.45	0.57
10°	5.88	0.54
20°	5.44	0.52
30°	5.05	0.47
40°	4.89	0.42
50°	4.98	0.42
60°	4.8	0.48
70°	4.73	0.51
80°	4.74	0.54
90°	4.79	0.57
100°	4.41	0.54
110°	4.16	0.51

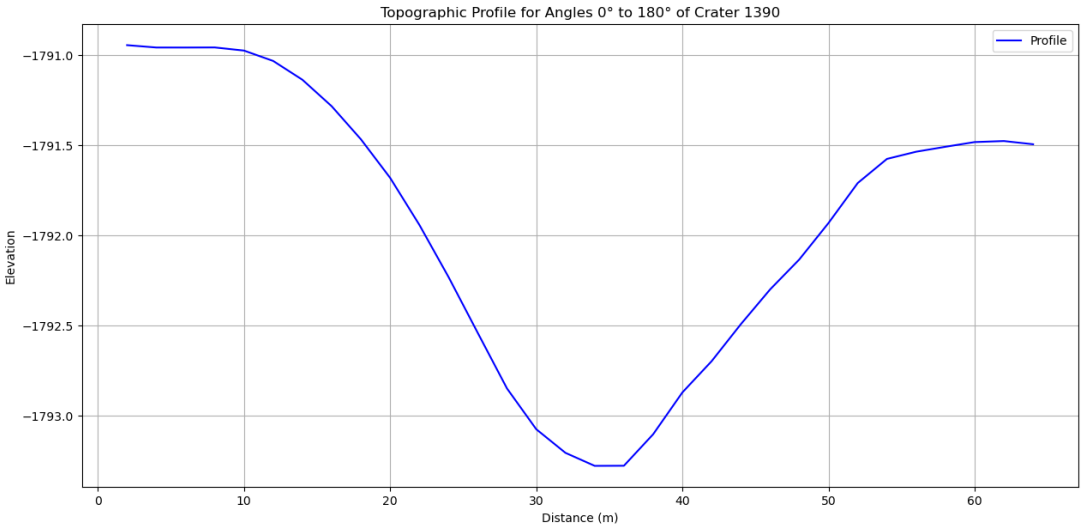
120°	4.06	0.48
130°	4.15	0.44
140°	4.12	0.42
150°	3.94	0.48
160°	4.12	0.52
170°	4.41	0.54
180°	4.81	0.57
190°	4.69	0.53
200°	4.62	0.51
210°	4.74	0.48
220°	5.17	0.43
230°	5.56	0.43
240°	5.62	0.46
250°	5.92	0.53
260°	6.16	0.55
270°	6.47	0.57
280°	6.24	0.55
290°	5.98	0.52
300°	6.09	0.46
310°	6.17	0.43
320°	6.39	0.43
330°	6.08	0.48
340°	6.19	0.53
350°	6.2	0.55

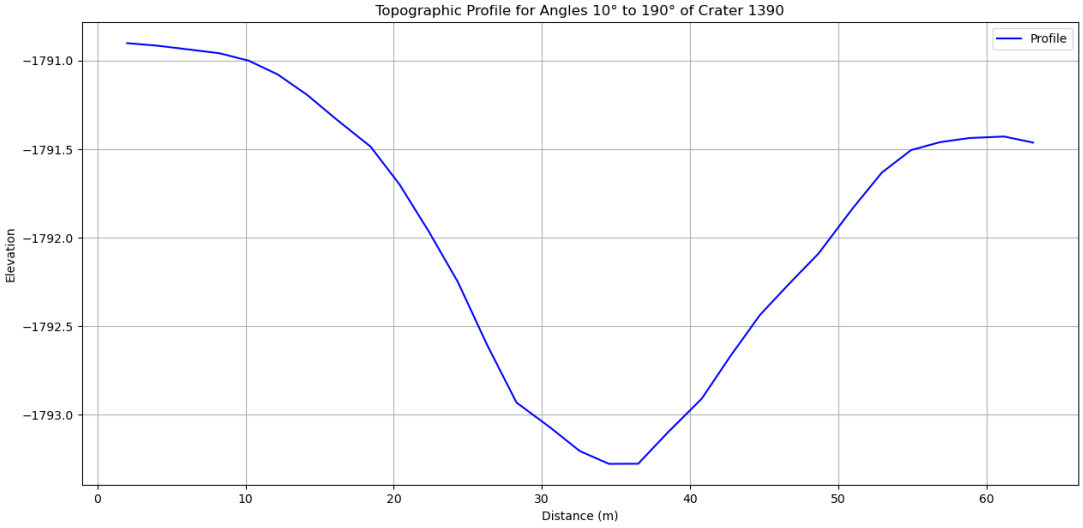
Topographic roughness index (TRI)

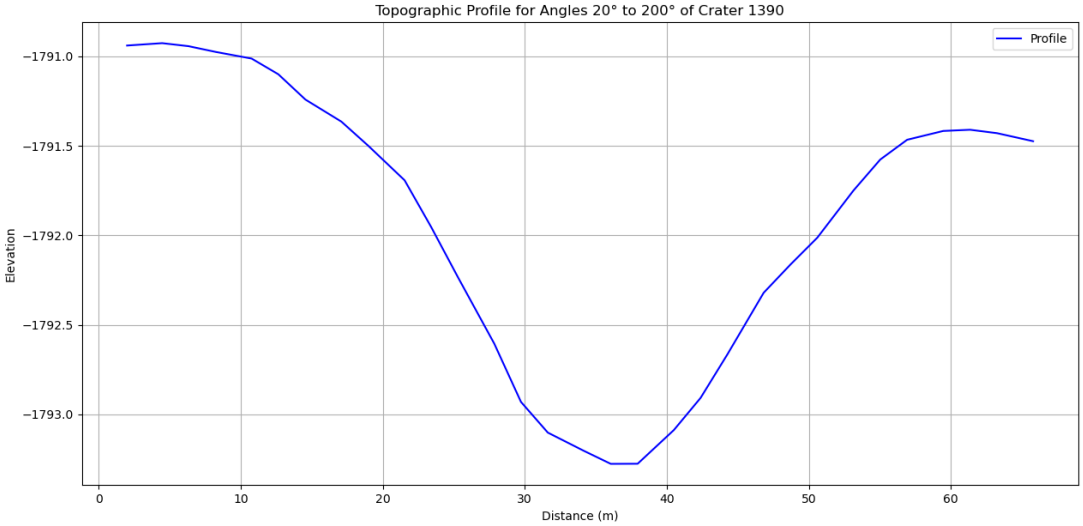
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.



Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 1390
Profile
Elevation
−1791.0
−1791.5
−1792.0
−1792.5
−1793.0
0
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 1390
Profile
Elevation
−1791.0
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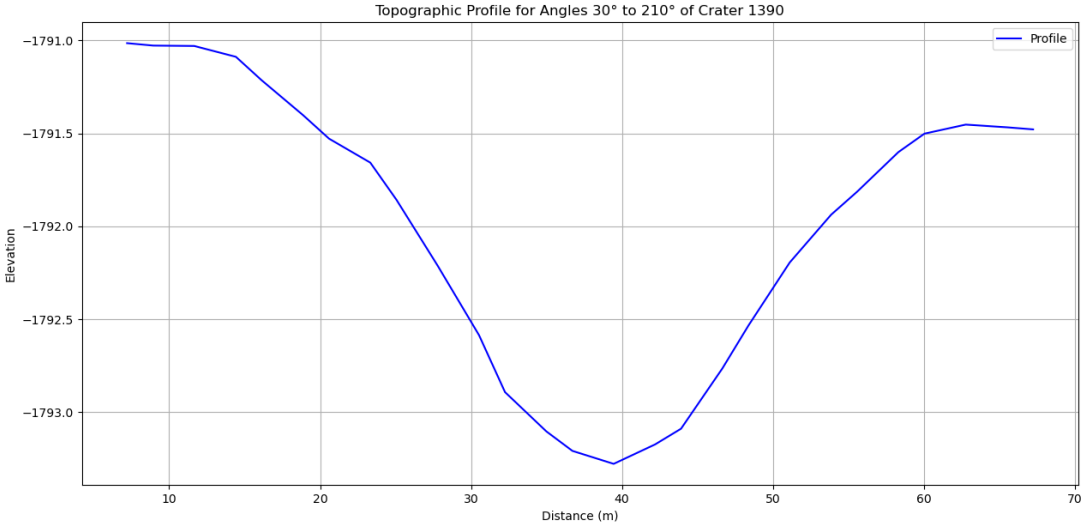
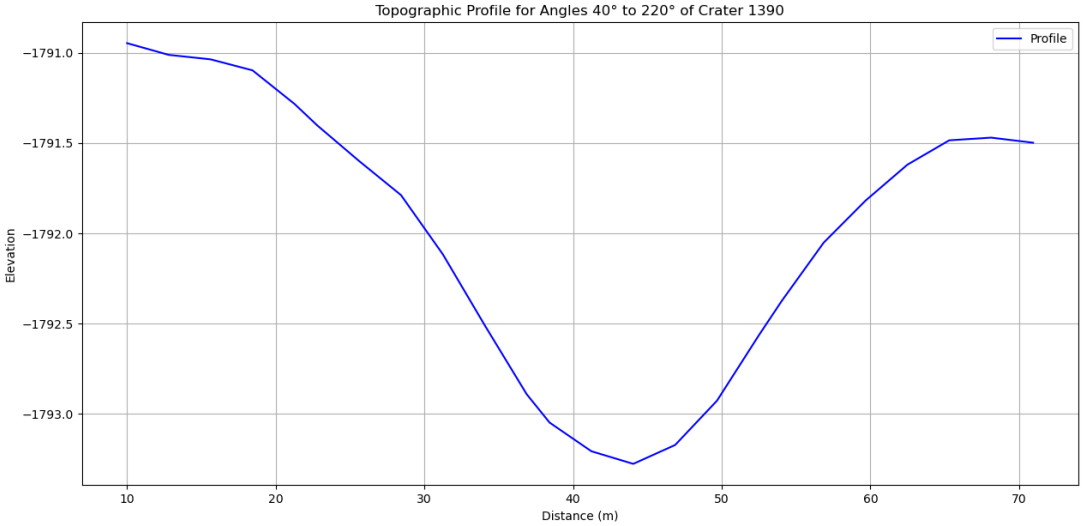
−1792.0
−1792.5
−1793.0
0
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 1390
Profile
Elevation
Distance (m)
−1791.0
−1791.5
−1792.0
−1792.5
−1793.0
10
20
30
40
50
60
70


Topographic Profile for Angles 40° to 220° of Crater 1390
Profile
Elevation
Distance (m)
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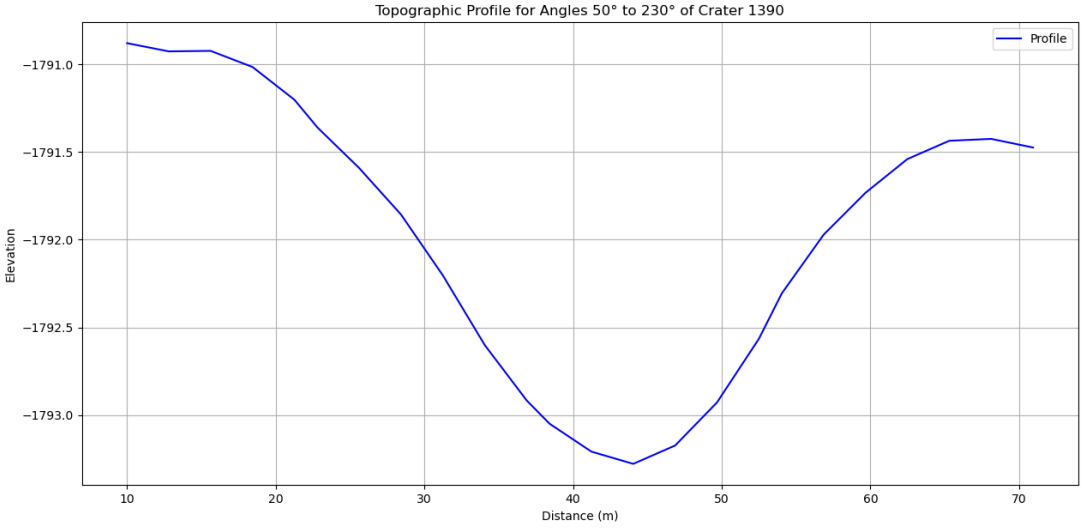
−1791.5
−1792.0
−1792.5
−1793.0
10
20
30
40
50
60
70


Topographic Profile for Angles 50° to 230° of Crater 1390
Profile
Elevation
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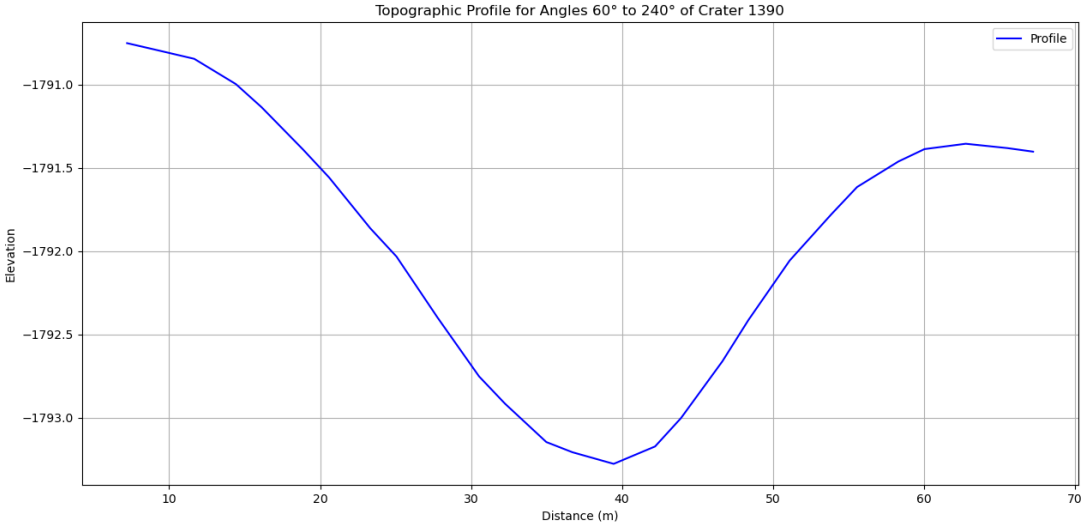
−1792.0
−1792.5
−1793.0
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 1390
Profile
Elevation
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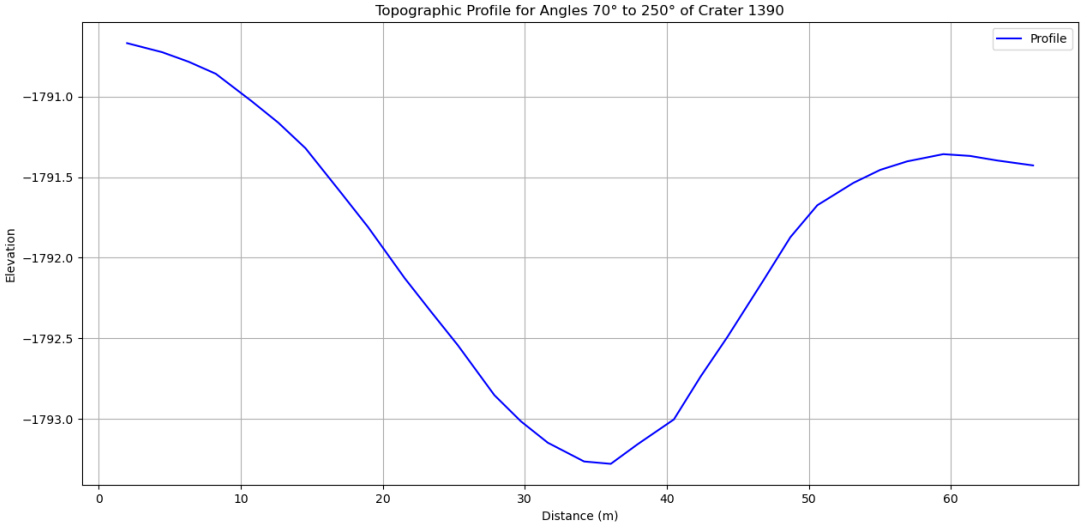
−1791.5
−1792.0
−1792.5
−1793.0
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 1390
Profile
Elevation
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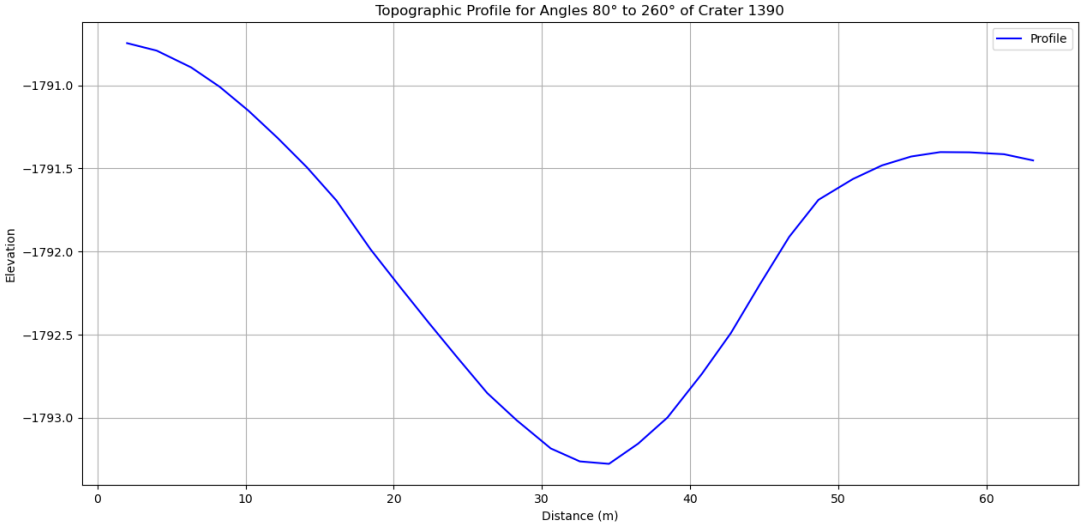
−1792.0
−1792.5
−1793.0
0
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 1390
Profile
Elevation
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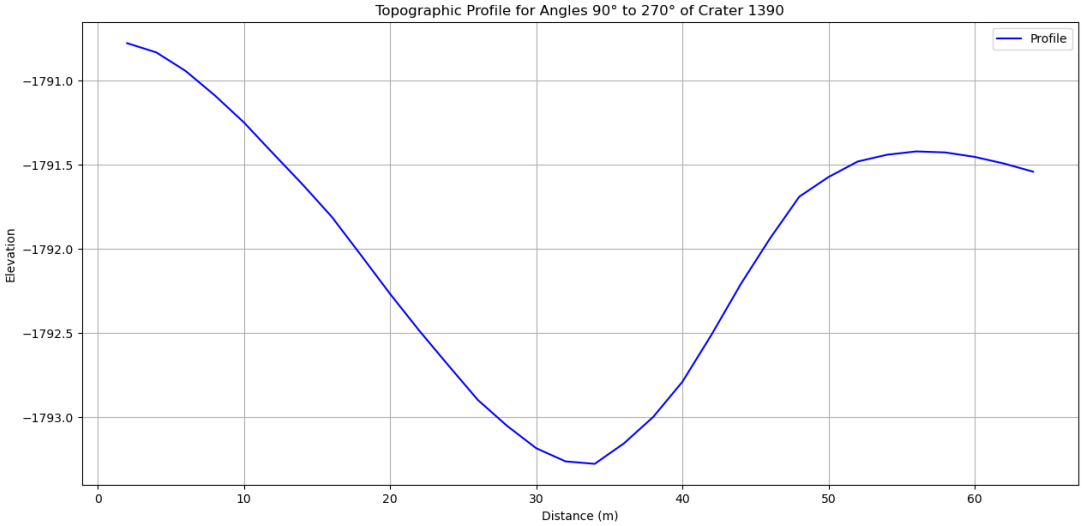
−1792.0
−1792.5
−1793.0
0
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 1390
Profile
Elevation
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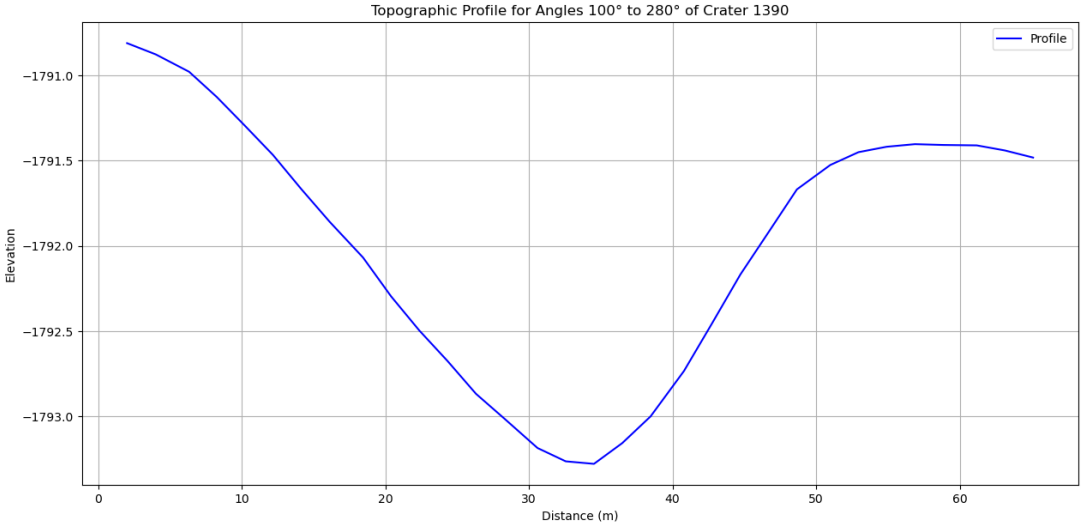
−1791.5
−1792.0
−1792.5
−1793.0
0
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 1390
Profile
Elevation
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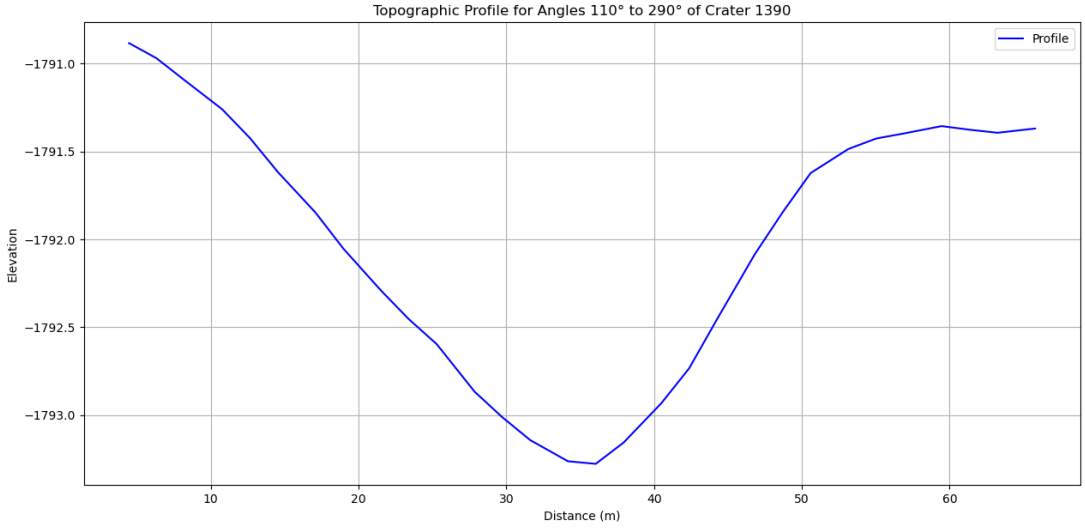
−1791.5
−1792.0
−1792.5
−1793.0
0
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 1390
Profile
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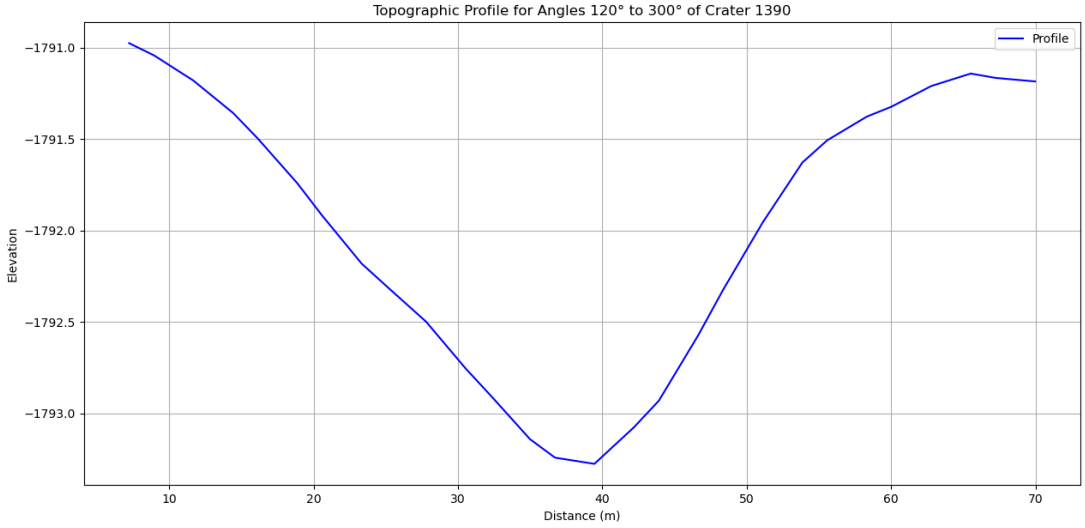
−1792.0
−1792.5
−1793.0
Elevation
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 120° to 300° of Crater 1390
Profile
−1791.0
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−1792.5
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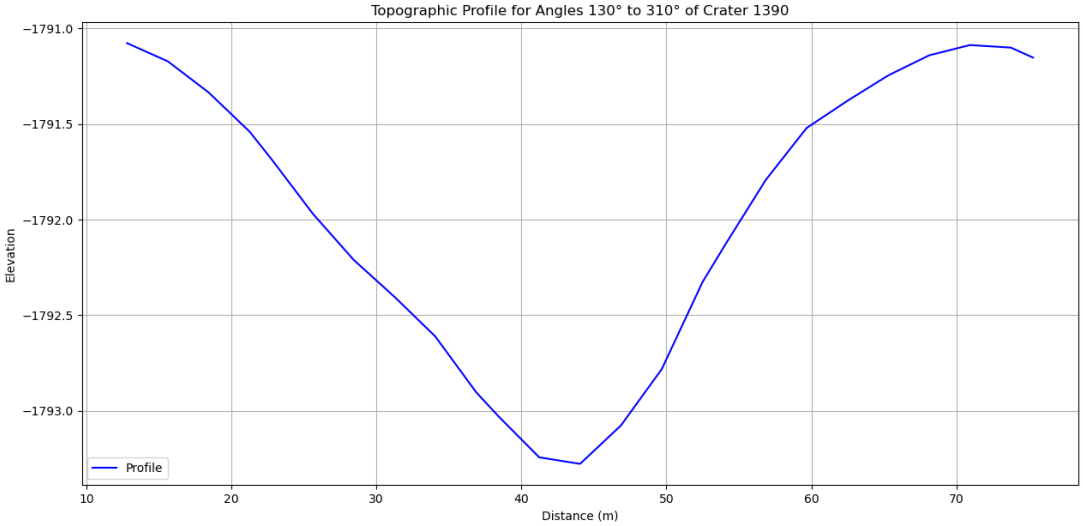
Elevation
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 1390
Elevation
Distance (m)
Profile
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−1791.5
−1792.0
−1792.5
−1793.0
10
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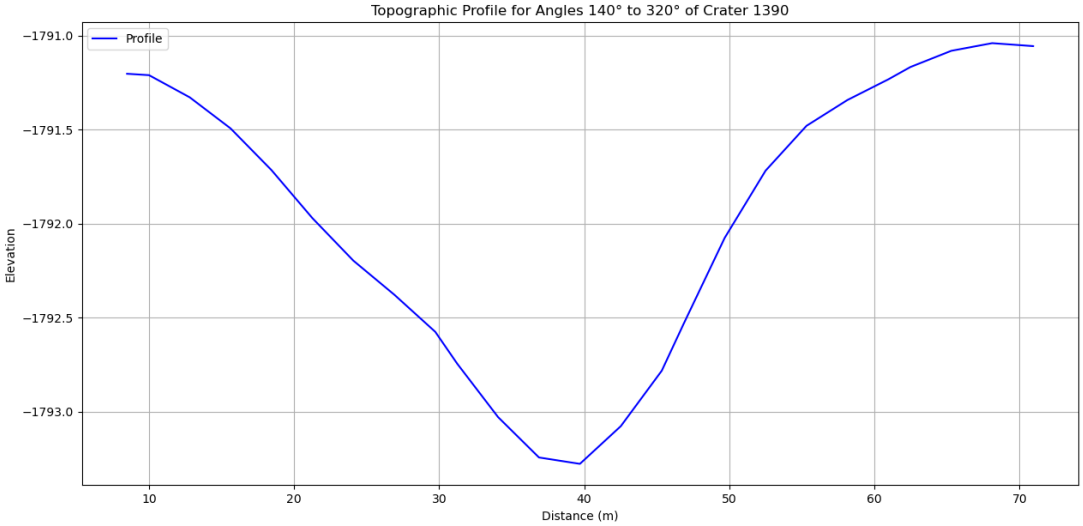
Topographic Profile for Angles 140° to 320° of Crater 1390
Elevation
Distance (m)
Profile
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−1791.5
−1792.0
−1792.5
−1793.0
10
20
30
40
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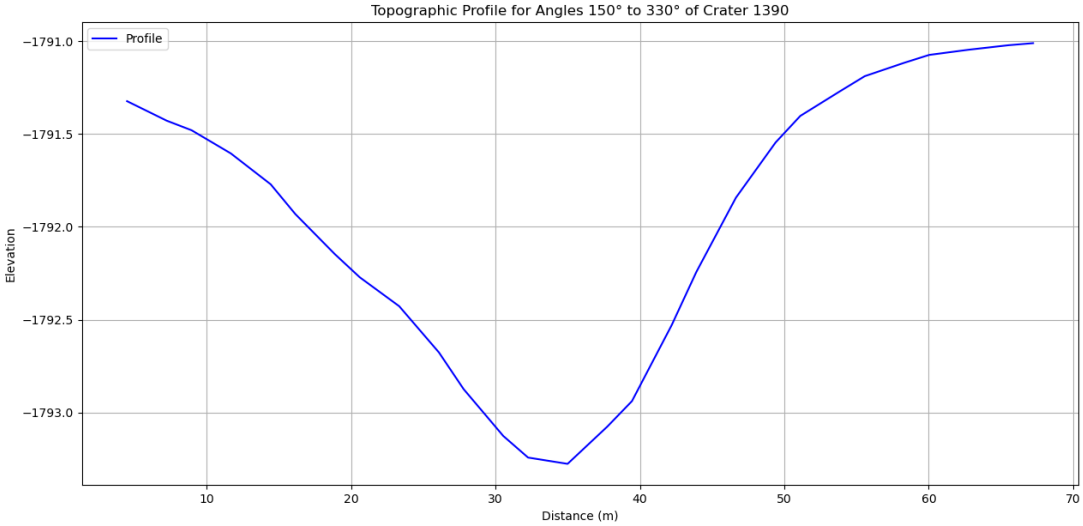
70


Topographic Profile for Angles 150° to 330° of Crater 1390
Profile
Elevation
Distance (m)
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−1791.5
−1792.0
−1792.5
−1793.0
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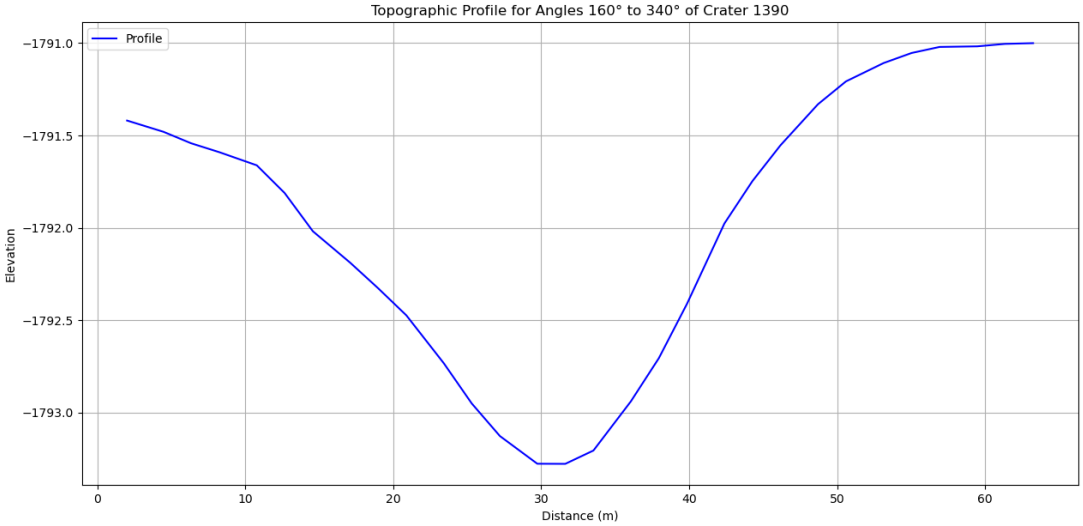
Topographic Profile for Angles 160° to 340° of Crater 1390
Profile
Elevation
Distance (m)
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−1791.5
−1792.0
−1792.5
−1793.0
0
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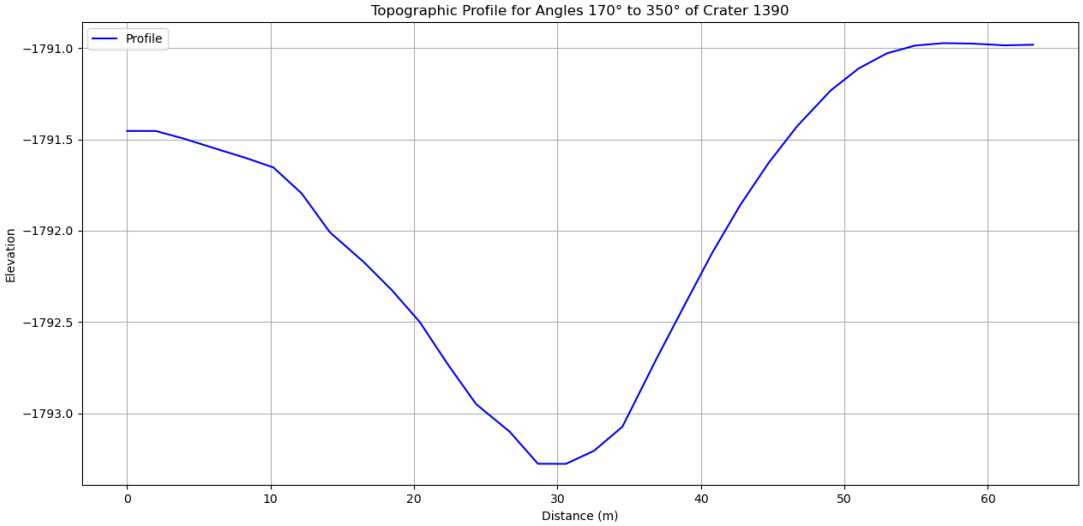
Topographic Profile for Angles 170° to 350° of Crater 1390
Profile
−1791.0
−1791.5
−1792.0
−1792.5
−1793.0
Elevation
0
10
20
30
40
50
60
Distance (m)