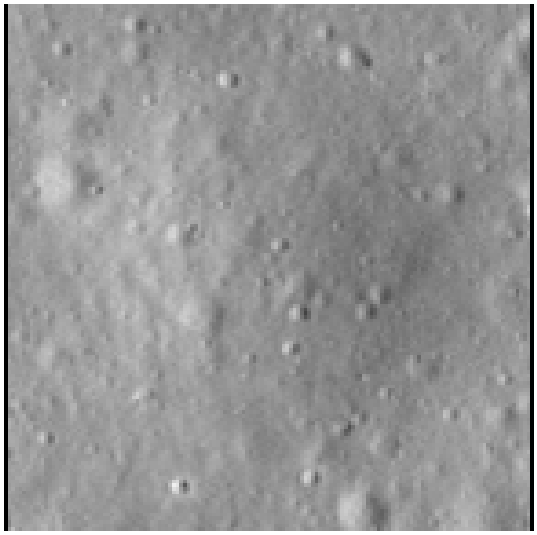
Crater report 793 of RG2

General information



ID : 793

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 78m ± 4.0m

Mean depht : 2.0m ± 0.2m

d/D ratio : 0.026 ± 0.003

Circularity index : 0.95

Mean slope : 3.04°

Mean value of TRI on the rim crest : 0.11

Geometric center coordinates : (3658331.3596980516, 229358.6774630993)

Coordinates of the crater's lowest point : (3658333.000001101, 229357.0000000677)

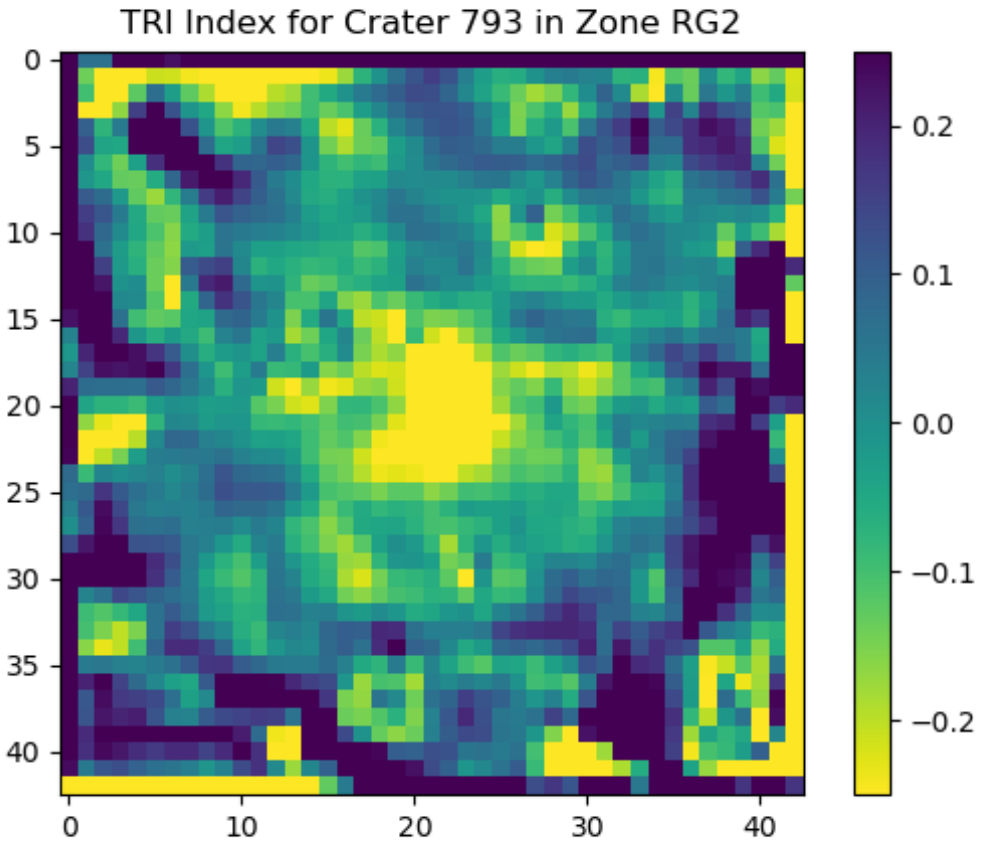
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	3.41	0.57
10°	3.19	0.54
20°	3.02	0.52
30°	2.94	0.48
40°	2.94	0.43
50°	2.92	0.43
60°	2.75	0.49
70°	2.83	0.51
80°	2.99	0.55
90°	3.12	0.57
100°	3.06	0.55
110°	2.77	0.51

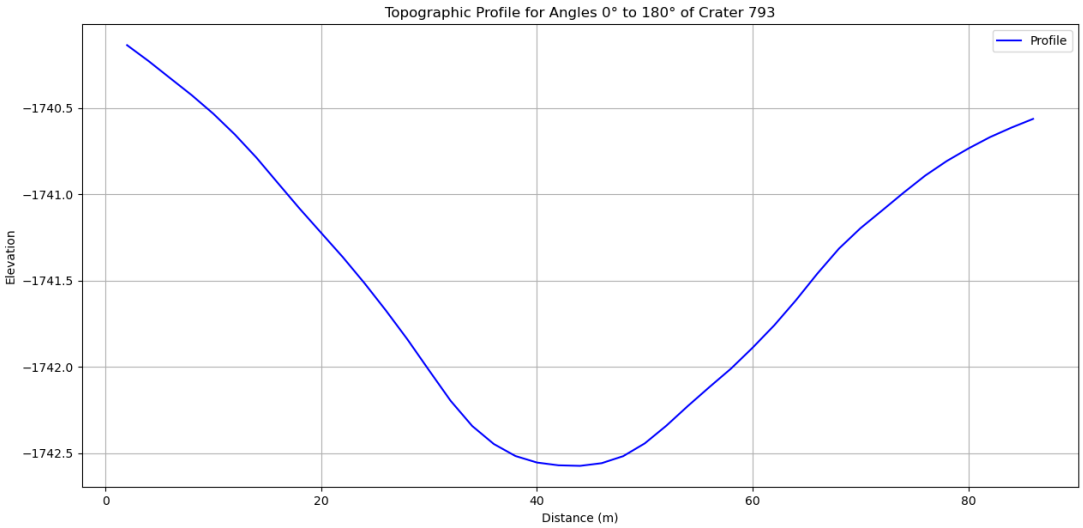
120°	2.76	0.48
130°	2.97	0.42
140°	3.06	0.42
150°	2.96	0.48
160°	2.86	0.51
170°	2.89	0.55
180°	3.03	0.57
190°	2.99	0.55
200°	2.87	0.52
210°	2.96	0.49
220°	3.05	0.43
230°	3.06	0.43
240°	3.13	0.48
250°	3.26	0.52
260°	3.32	0.54
270°	3.38	0.57
280°	3.33	0.54
290°	3.16	0.51
300°	3.15	0.48
310°	3.3	0.43
320°	3.15	0.43
330°	2.88	0.47
340°	2.89	0.52
350°	3.09	0.54

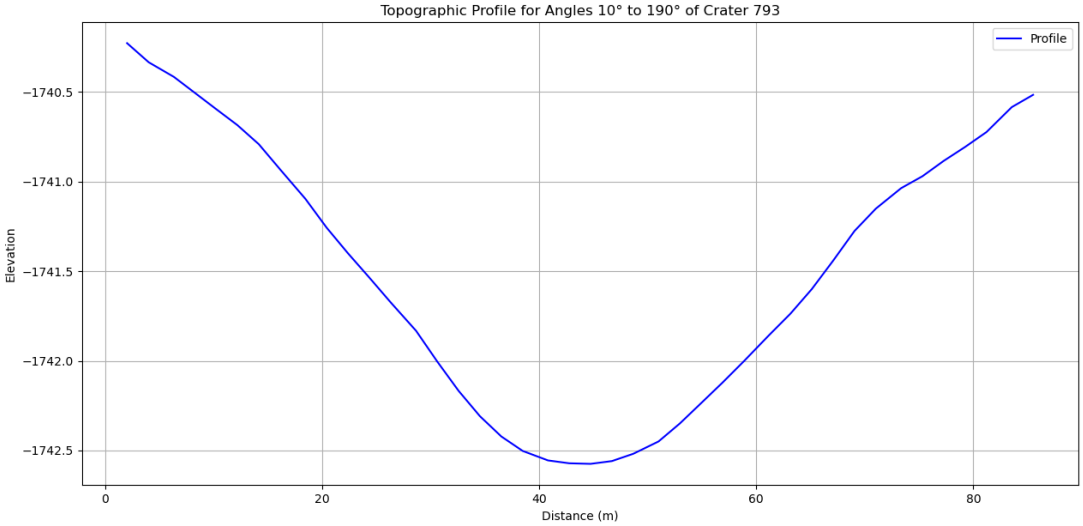
Topographic roughness index (TRI)

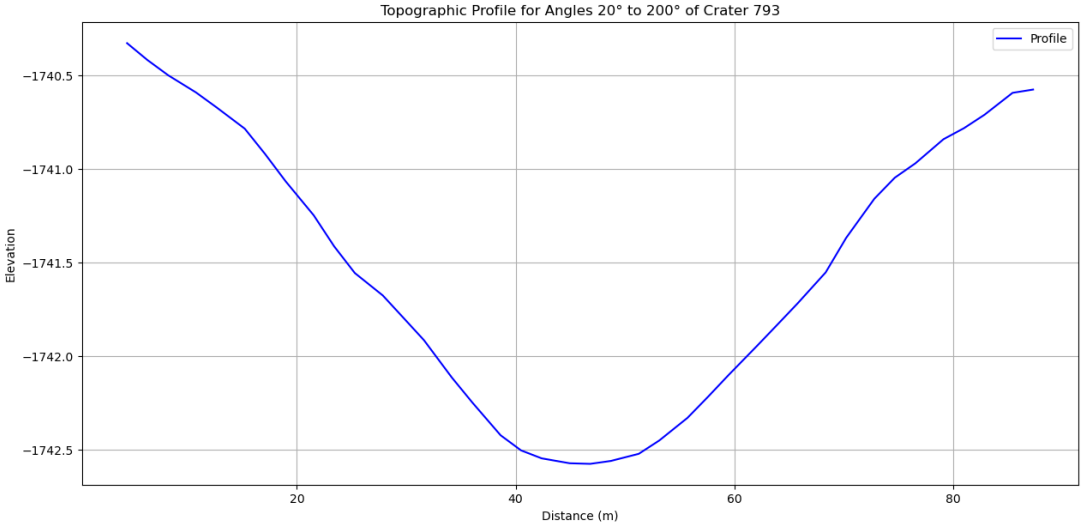
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.



Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 793
Profile
−1740.5
−1741.0
−1741.5
−1742.0
−1742.5
Elevation
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 793
Profile
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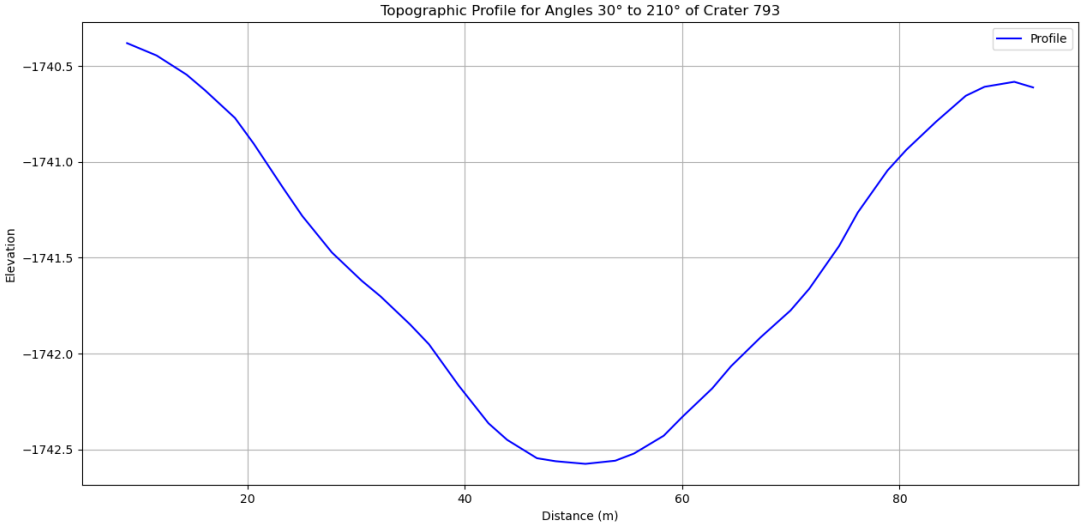
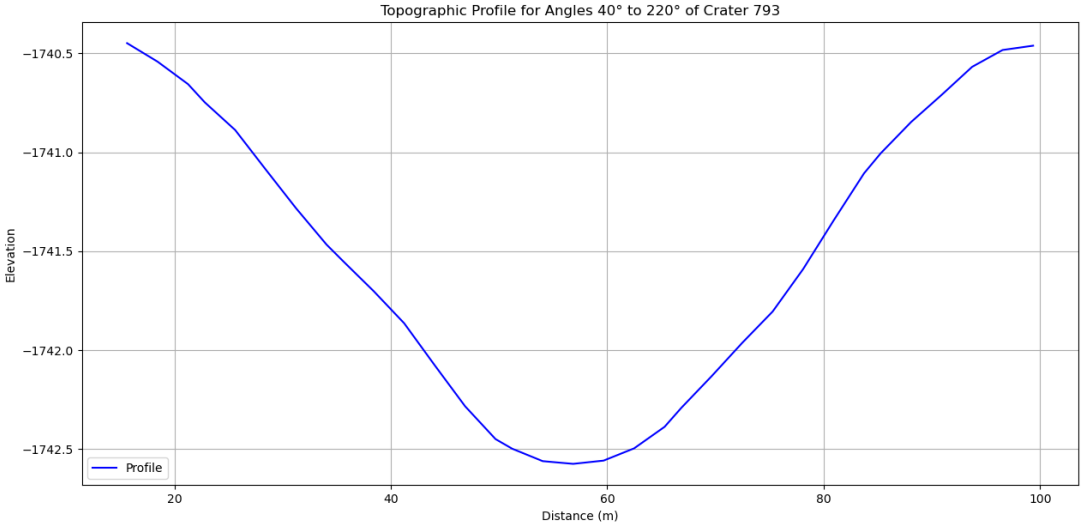
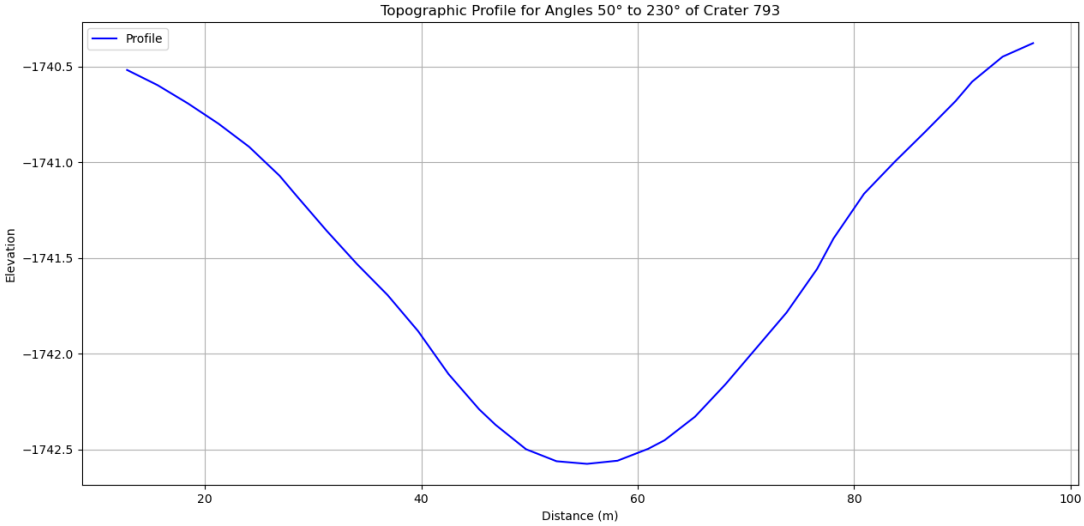
−1742.5
Elevation
20
40
60
80
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 793
Profile
−1740.5
−1741.0
−1741.5
−1742.0
−1742.5
Elevation
20
40
60
80
Distance (m)


Topographic Profile for Angles 40° to 220° of Crater 793
−1740.5
−1741.0
−1741.5
−1742.0
−1742.5
Elevation
Profile
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 50° to 230° of Crater 793
Profile
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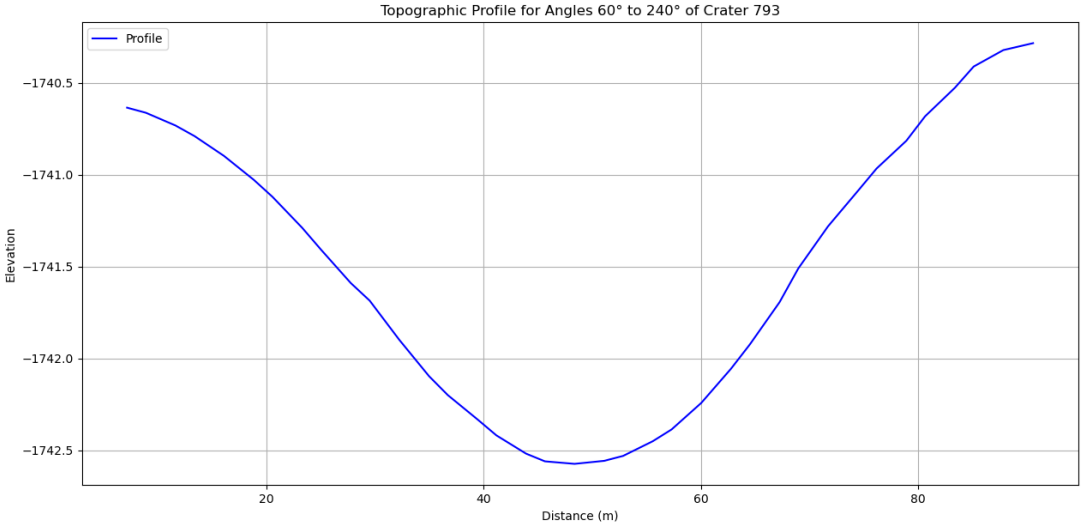
−1742.5
Elevation
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 793
Profile
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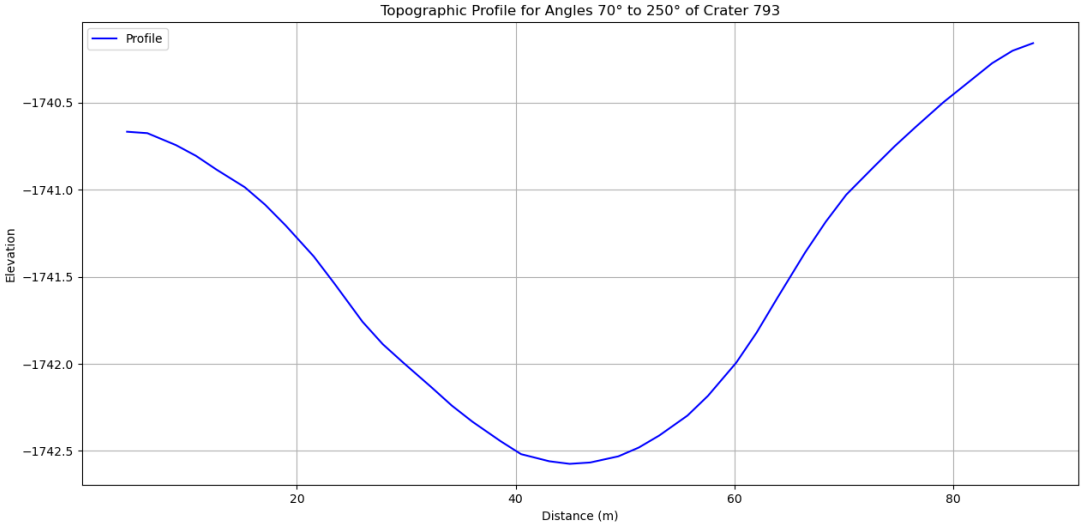
−1742.5
Elevation
20
40
60
80
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 793
Profile
Elevation
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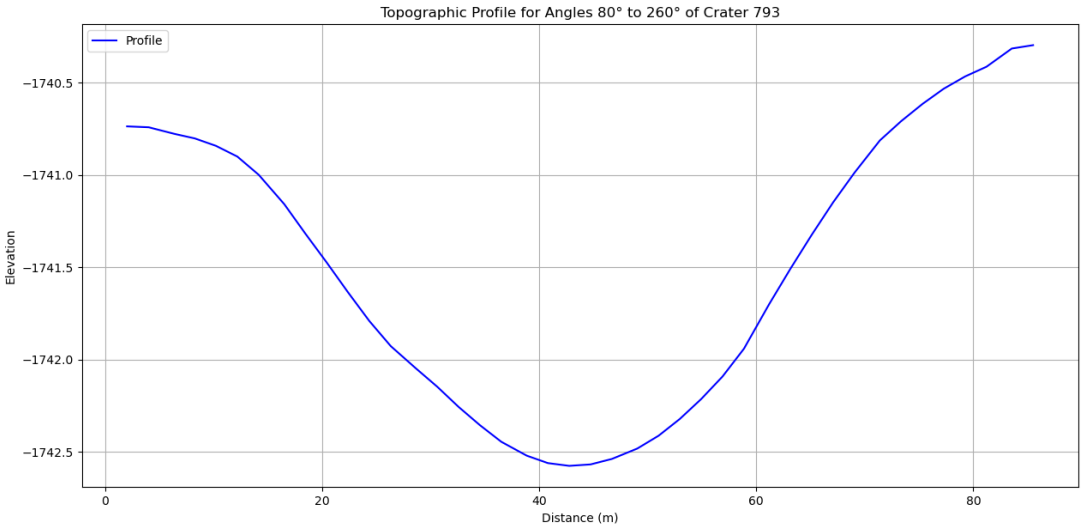
−1741.0
−1741.5
−1742.0
−1742.5
20
40
60
80
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 793
Profile
Elevation
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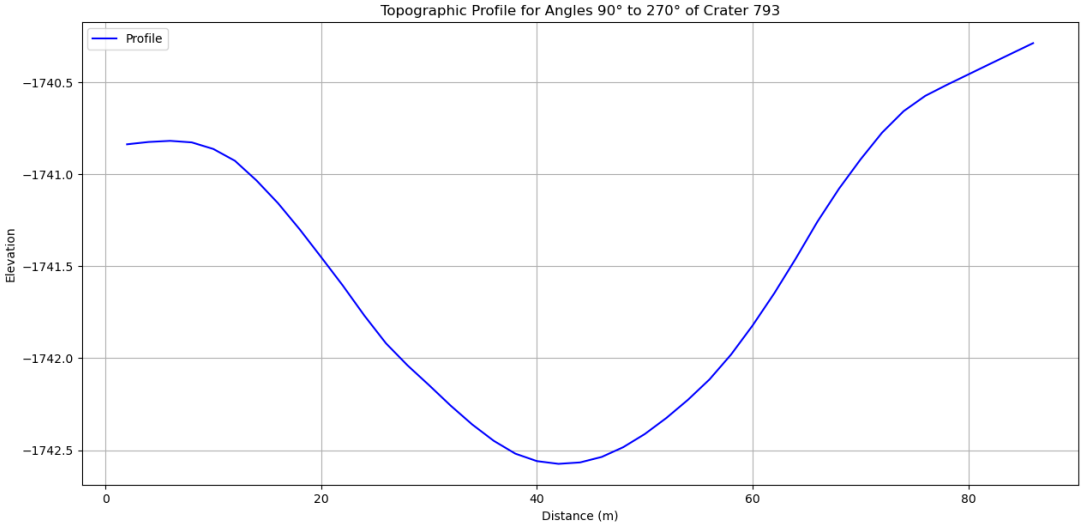
−1741.0
−1741.5
−1742.0
−1742.5
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 793
Profile
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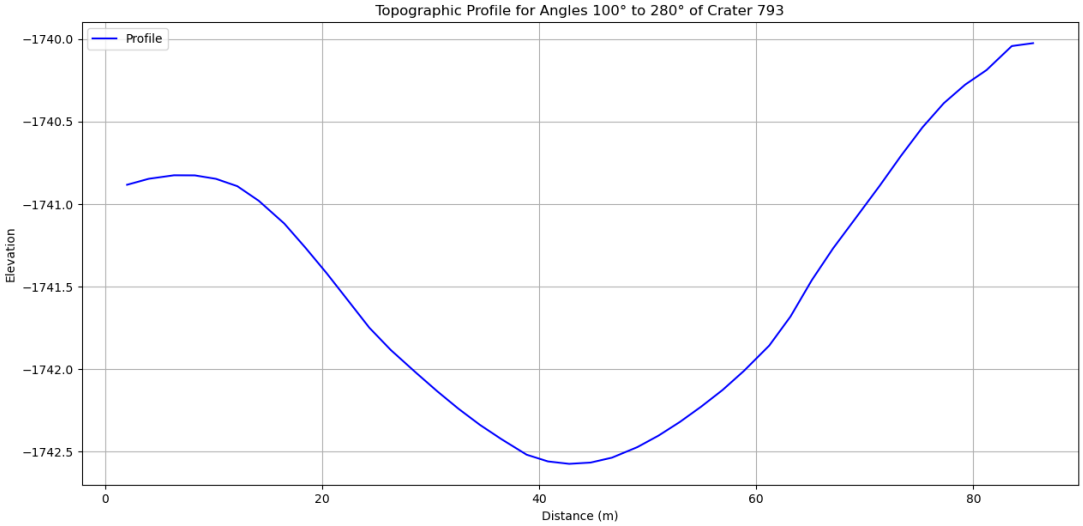
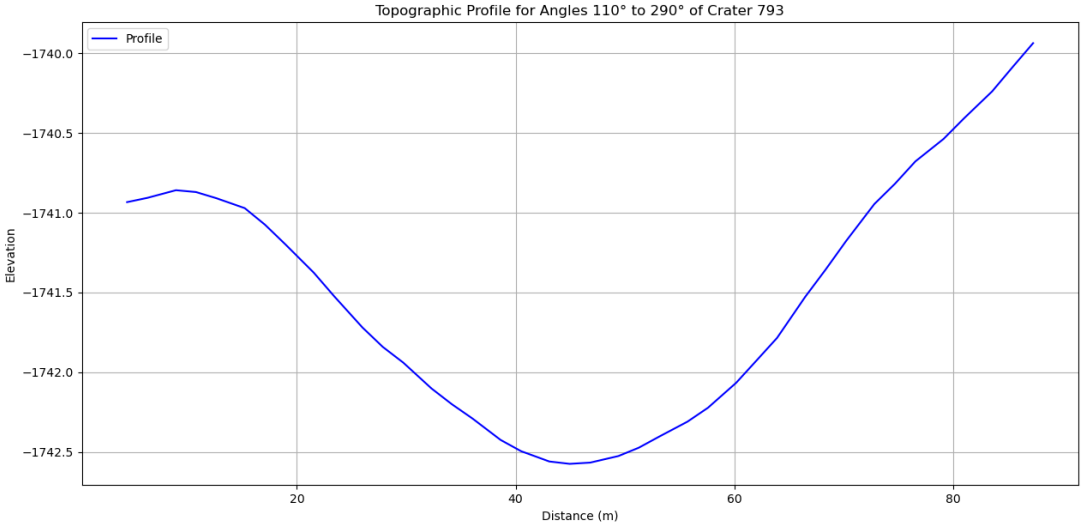
−1741.5
−1742.0
−1742.5
Elevation
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 793
Profile
−1740.0
−1740.5
−1741.0
−1741.5
−1742.0
−1742.5
Elevation
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 793
Profile
−1740.0
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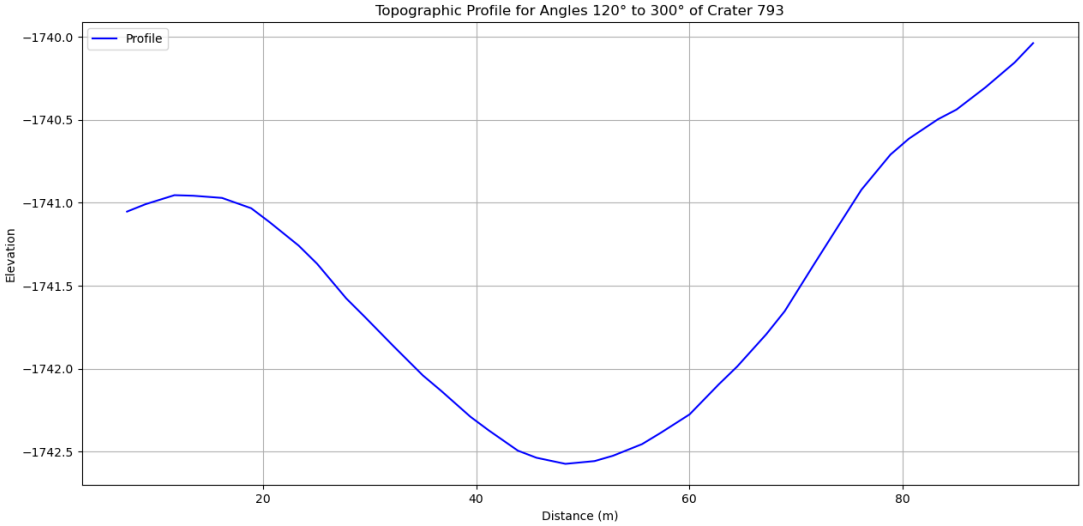
−1741.0
−1741.5
−1742.0
−1742.5
Elevation
20
40
60
80
Distance (m)


Topographic Profile for Angles 120° to 300° of Crater 793
Profile
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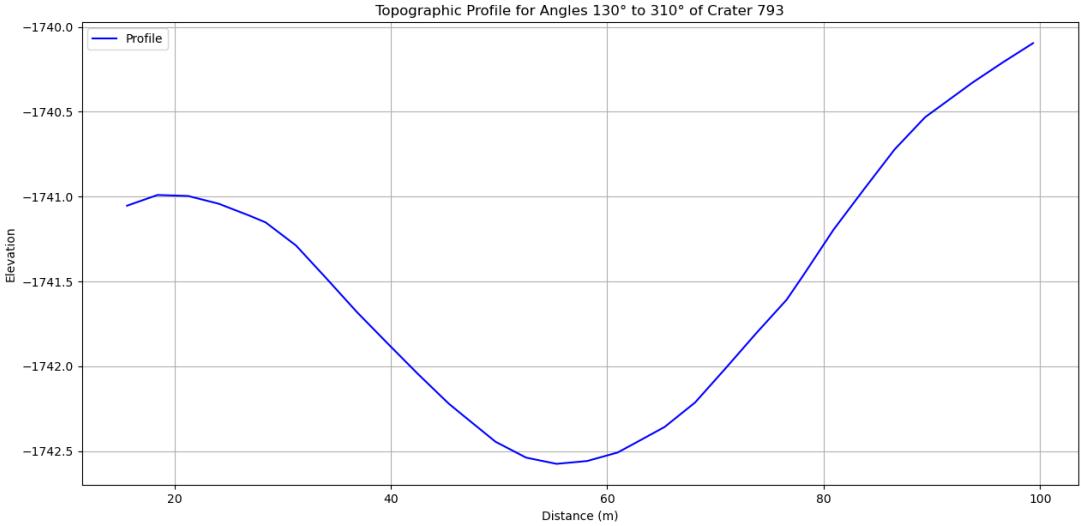
−1742.5
Elevation
20
40
60
80
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 793
Profile
Elevation
Distance (m)
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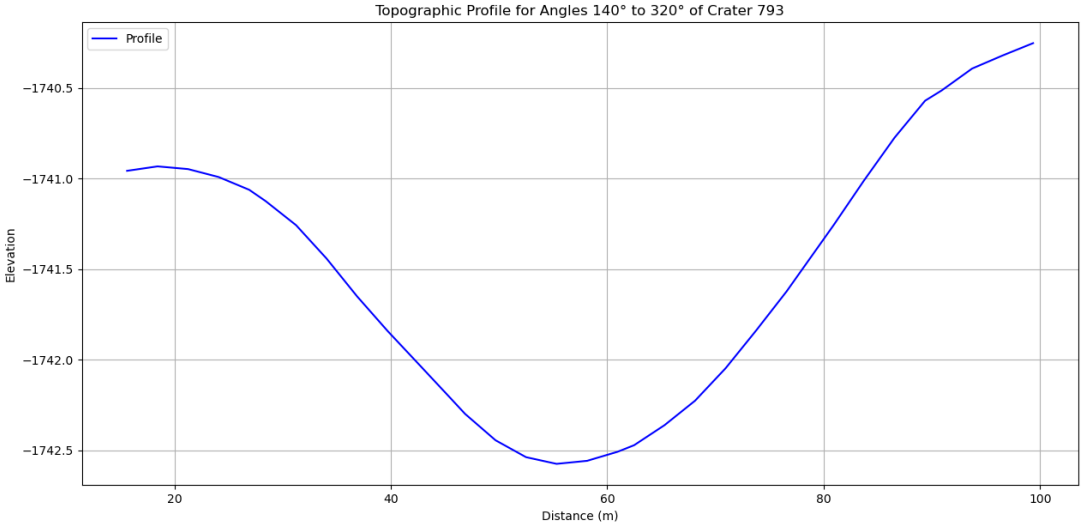
−1740.5
−1741.0
−1741.5
−1742.0
−1742.5
20
40
60
80
100


Topographic Profile for Angles 140° to 320° of Crater 793
Profile
Elevation
Distance (m)
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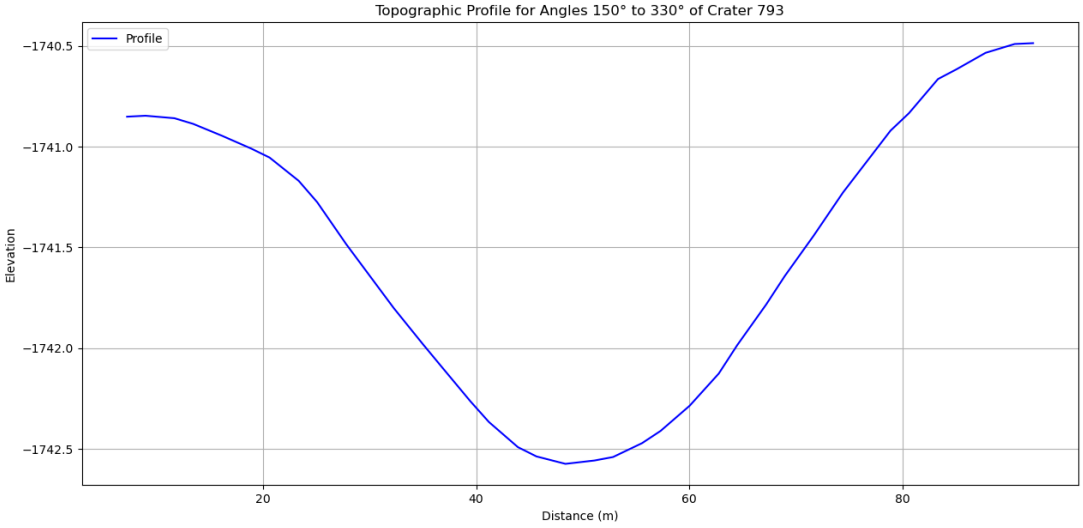
−1741.0
−1741.5
−1742.0
−1742.5
20
40
60
80
100


Topographic Profile for Angles 150° to 330° of Crater 793
Profile
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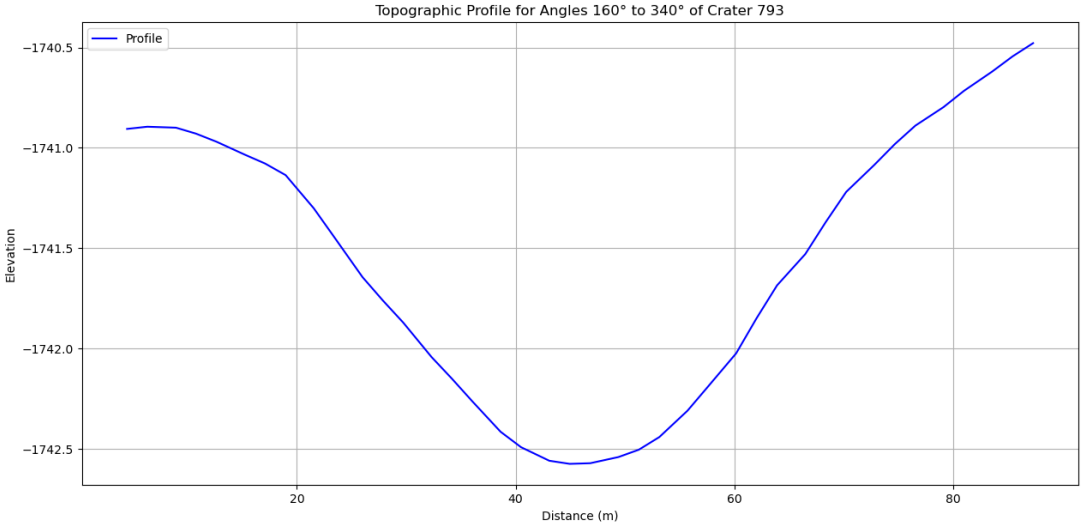
−1741.5
−1742.0
−1742.5
Elevation
20
40
60
80
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 793
Profile
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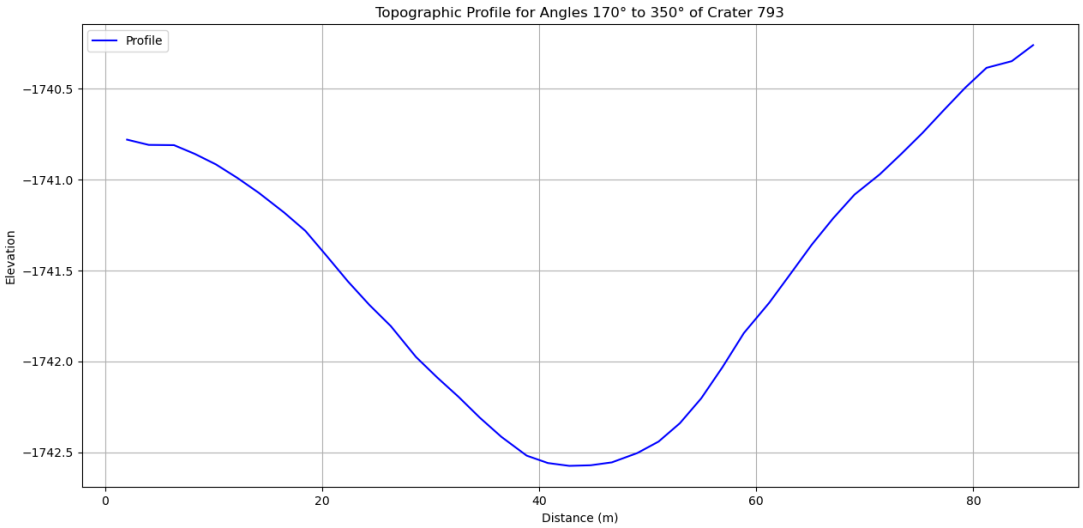
−1741.5
−1742.0
−1742.5
Elevation
20
40
60
80
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 793
Profile
−1740.5
−1741.0
−1741.5
−1742.0
−1742.5
Elevation
0
20
40
60
80
Distance (m)