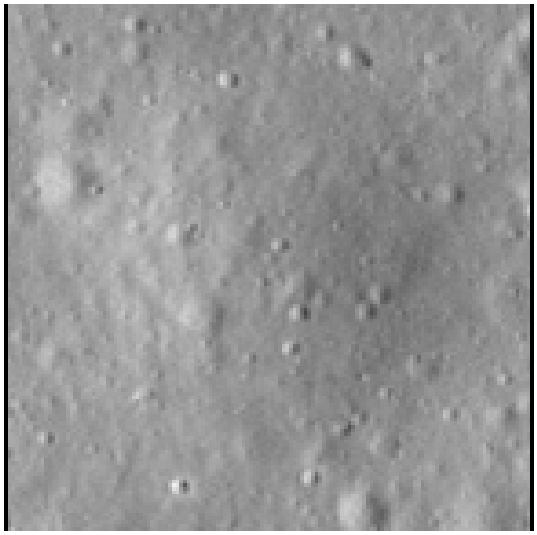
Crater report 793 of RG2

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

Slope : Between 3.36° et 4.88°

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)

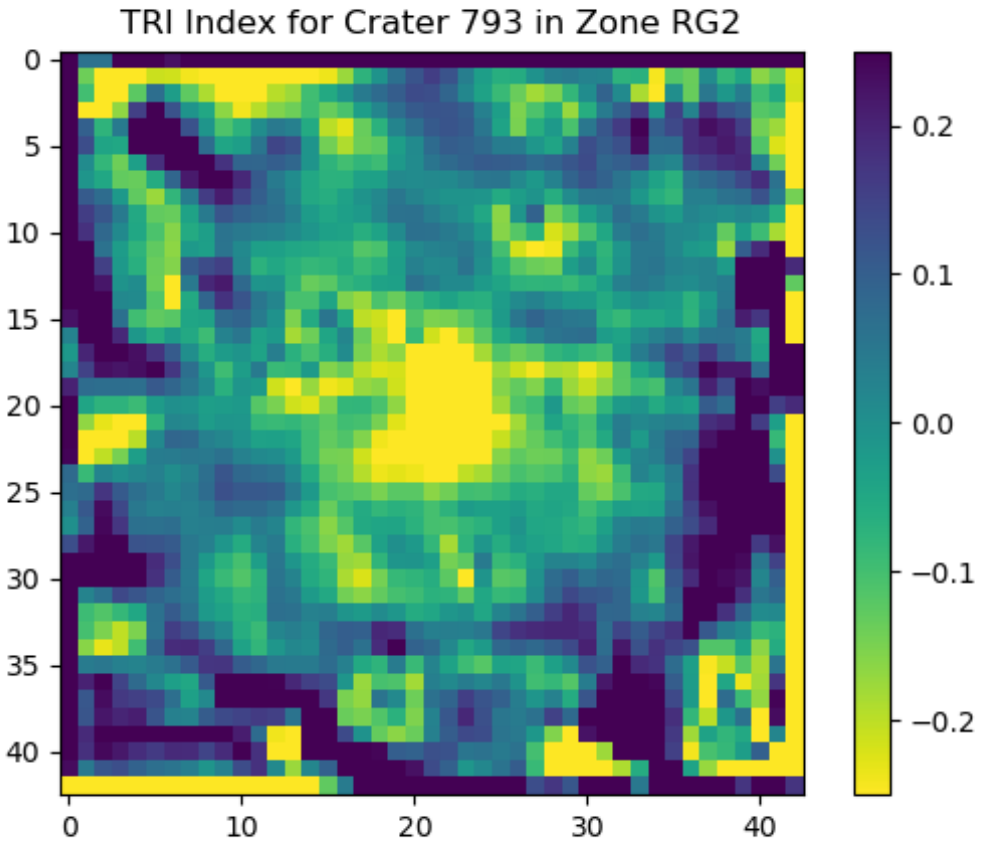
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	4.48	0.57
10°	4.07	0.54
20°	3.76	0.52
30°	3.56	0.48
40°	3.54	0.43
50°	3.55	0.43
60°	3.39	0.49
70°	3.56	0.51
80°	3.8	0.55
90°	3.93	0.57
100°	3.87	0.55
110°	3.45	0.5

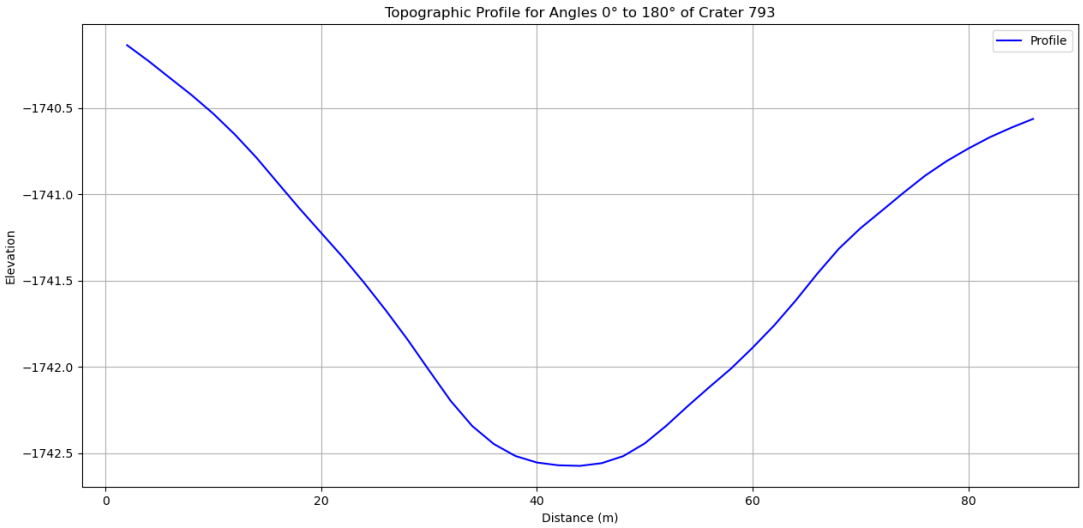
120°	3.36	0.48
130°	3.77	0.4
140°	3.82	0.4
150°	3.57	0.48
160°	3.49	0.53
170°	3.44	0.55
180°	3.6	0.57
190°	3.73	0.55
200°	3.47	0.52
210°	3.68	0.49
220°	3.83	0.43
230°	3.99	0.43
240°	4.07	0.49
250°	4.33	0.52
260°	4.72	0.53
270°	4.88	0.57
280°	4.7	0.53
290°	4.27	0.52
300°	4.07	0.48
310°	4.44	0.43
320°	4.47	0.43
330°	3.96	0.48
340°	3.84	0.51
350°	4.01	0.54

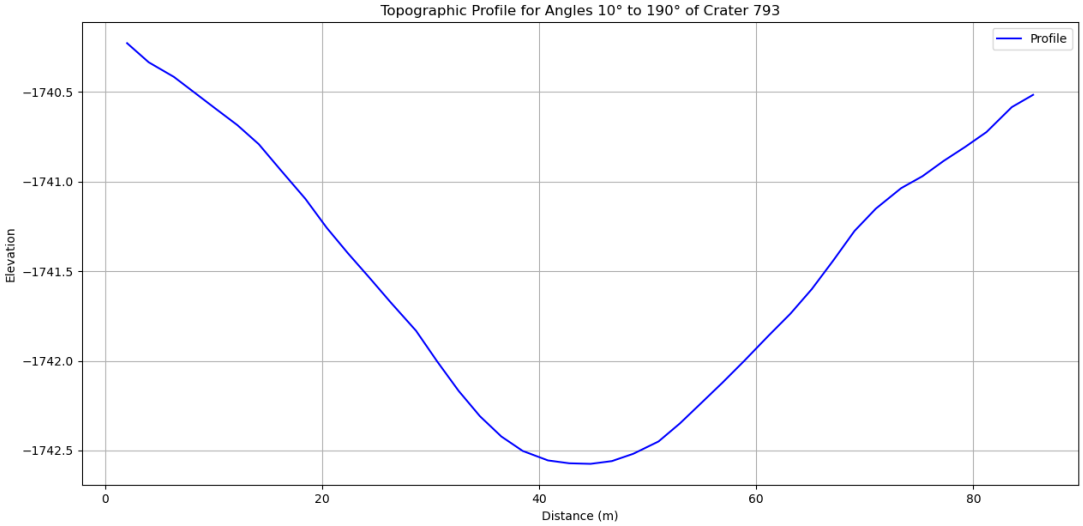
Topographic roughness index (TRI)

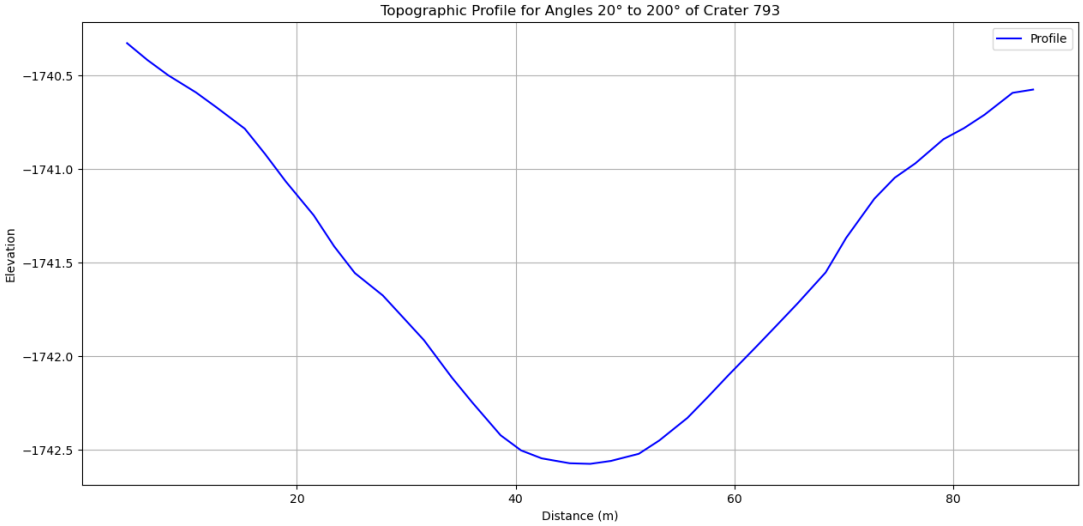
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

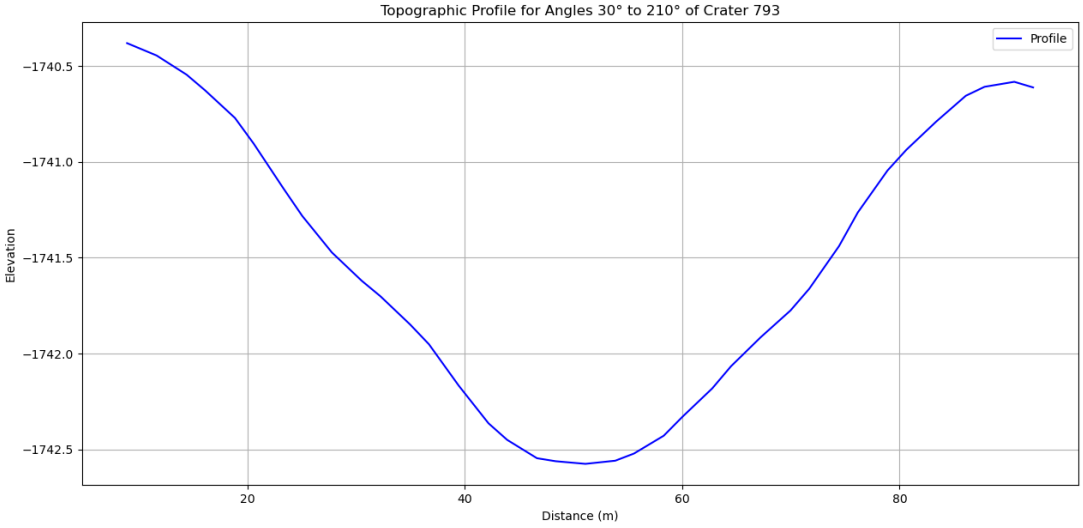


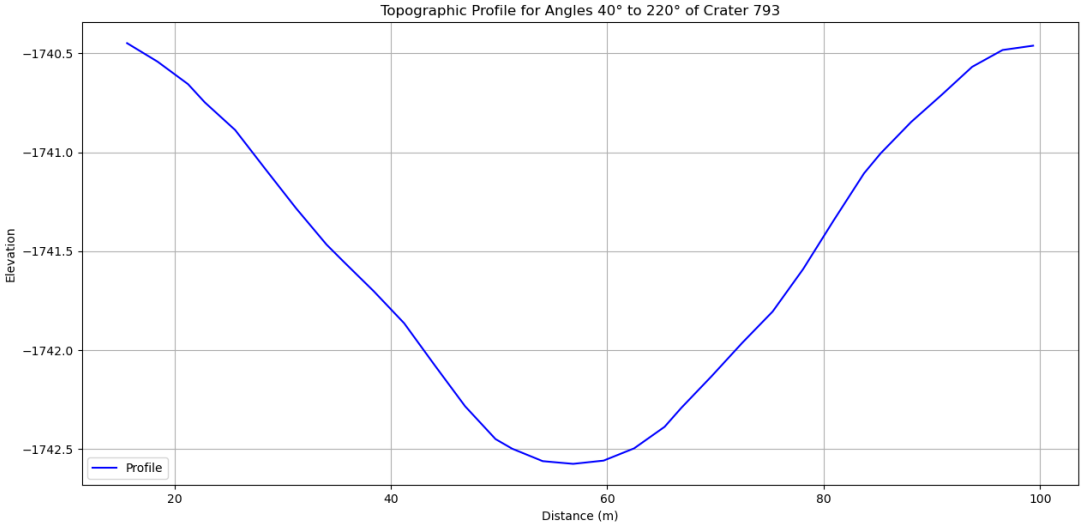
Topographic profiles

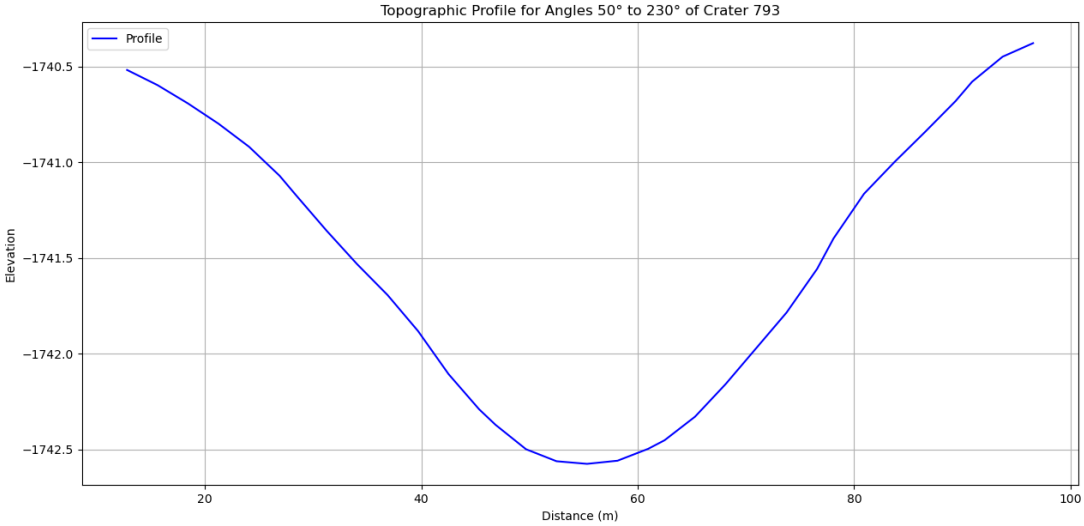



Topographic Profile for Angles 10° to 190° of Crater 793
Profile
Elevation
−1740.5
−1741.0
−1741.5
−1742.0
−1742.5
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 793
Profile
Elevation
−1740.5
−1741.0
−1741.5
−1742.0
−1742.5
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
−1740.5
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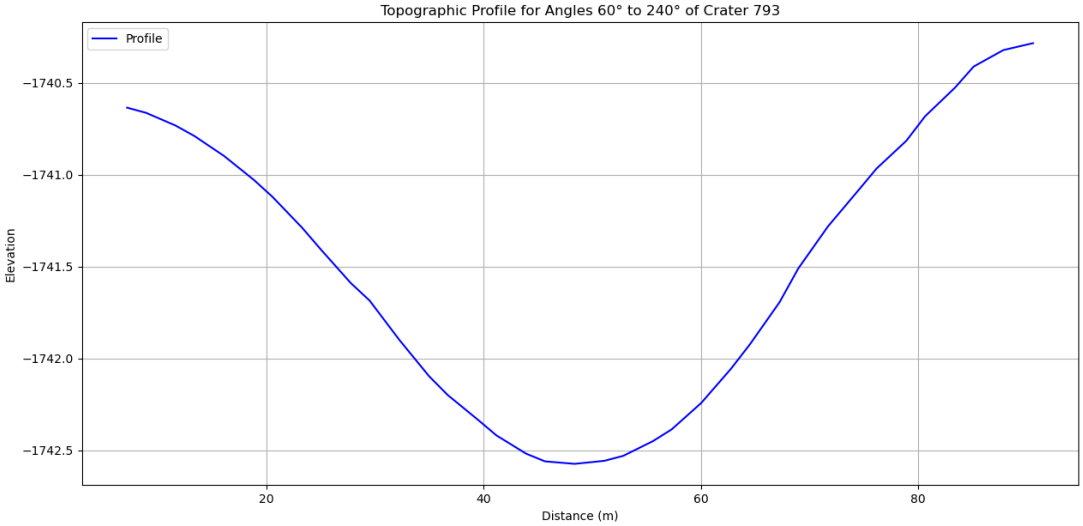
−1741.5
−1742.0
−1742.5
Elevation
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 793
Profile
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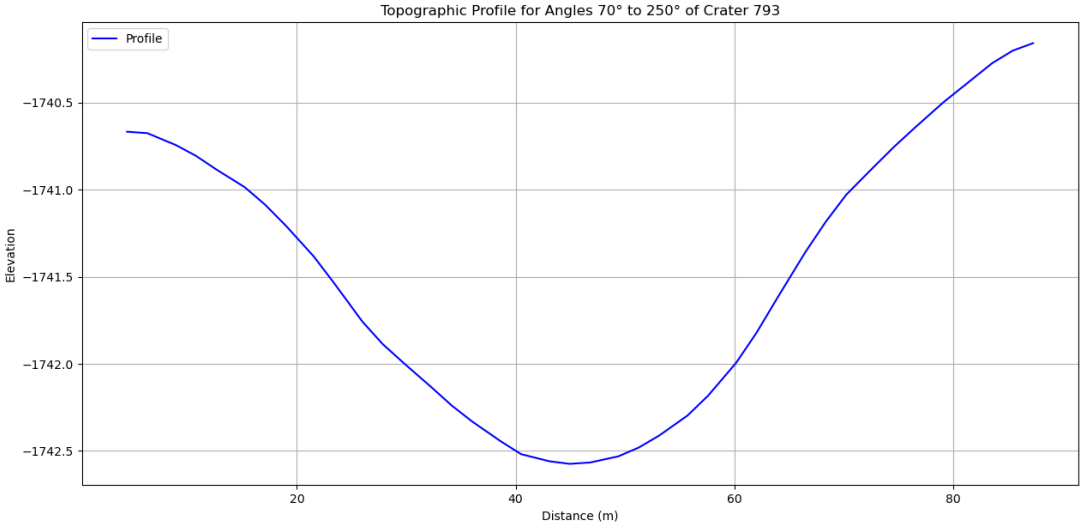
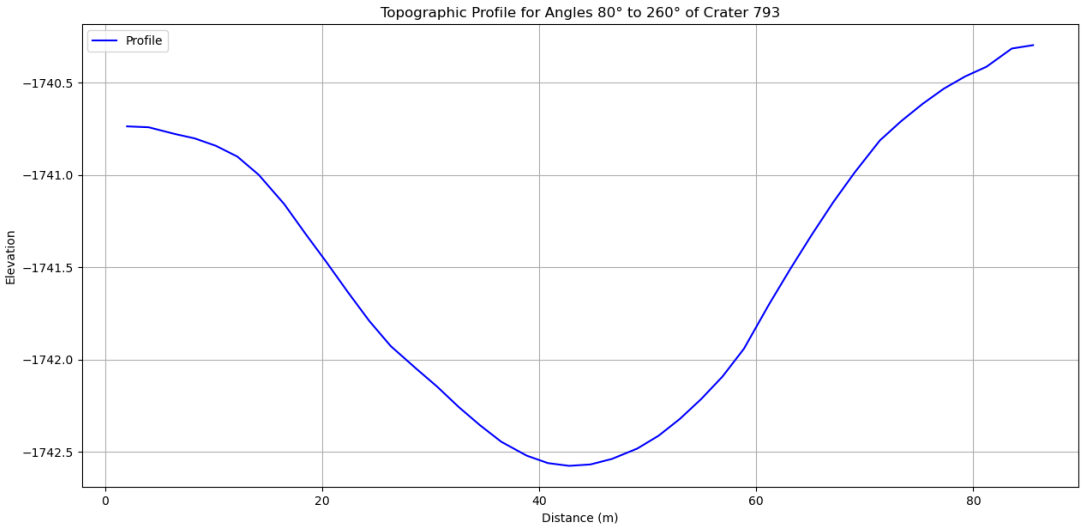
−1741.5
−1742.0
−1742.5
Elevation
20
40
60
80
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 793
Profile
Elevation
−1740.5
−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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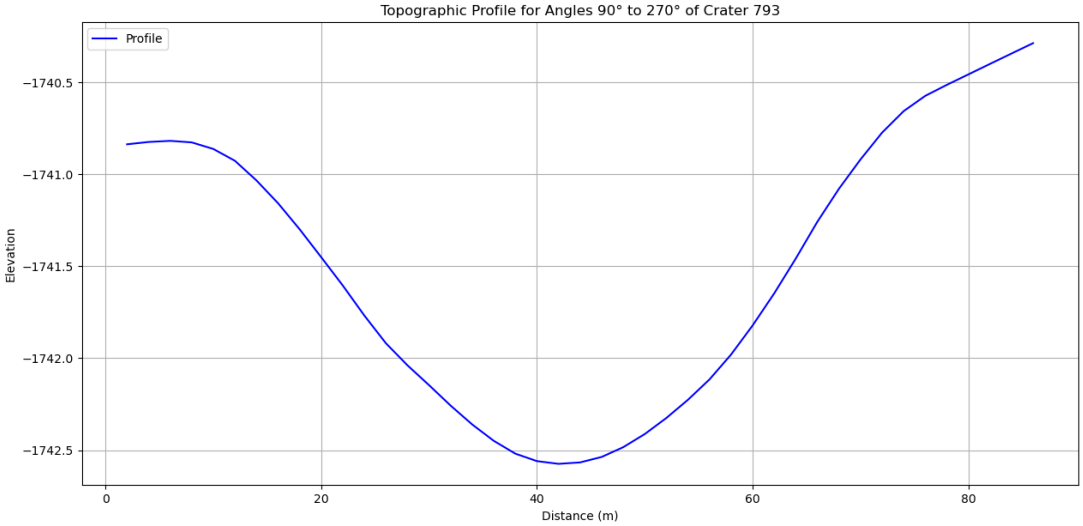
−1741.0
−1741.5
−1742.0
−1742.5
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 793
Profile
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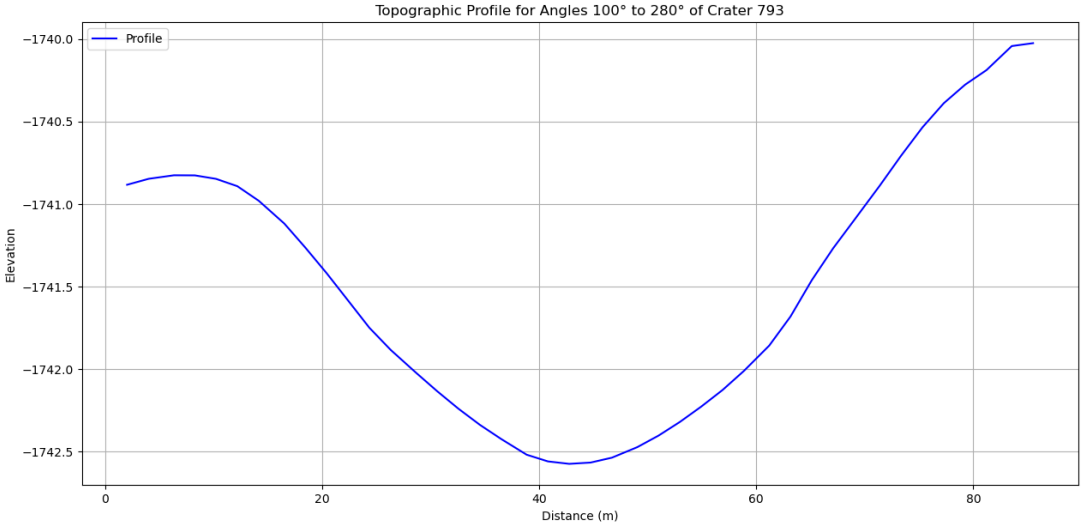
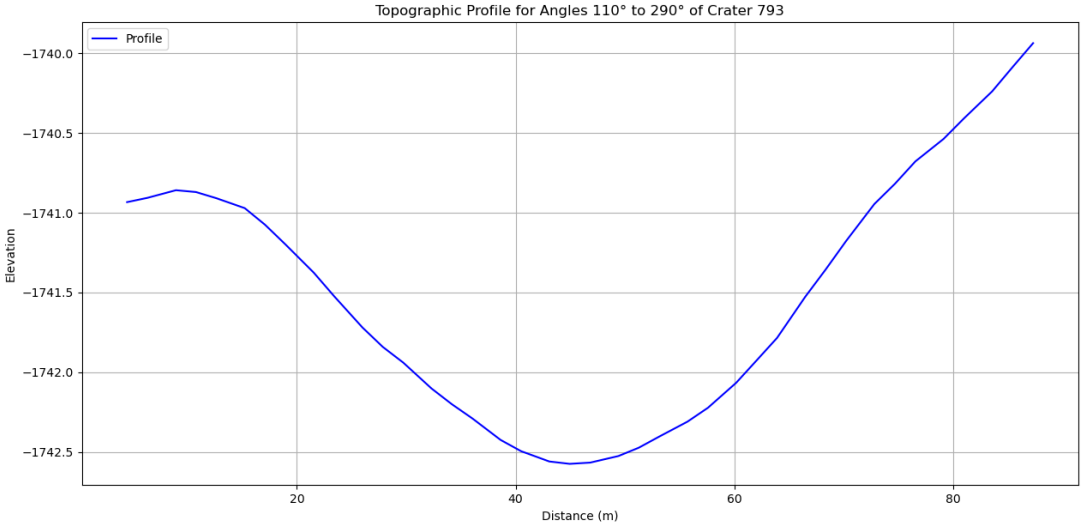
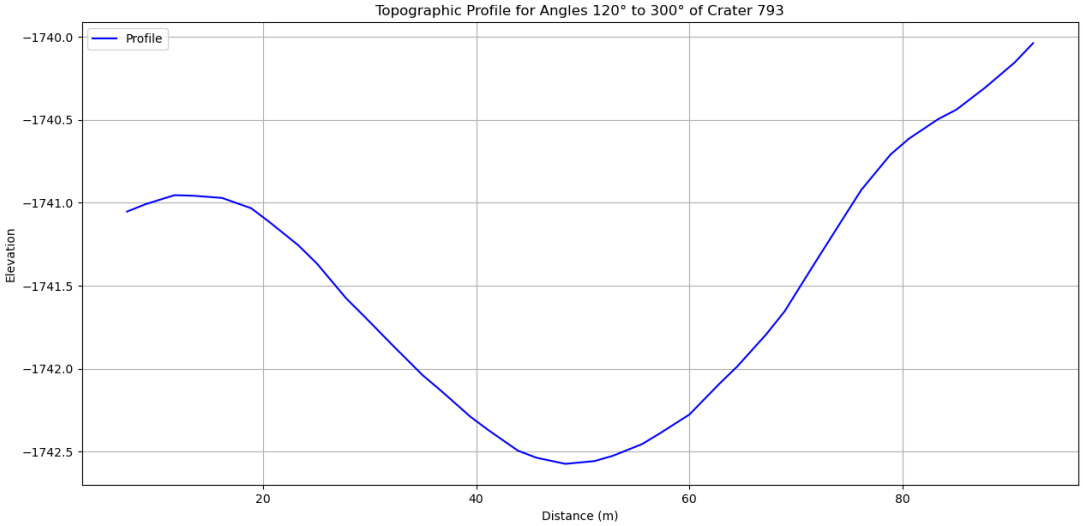
−1741.0
−1741.5
−1742.0
−1742.5
Elevation
0
20
40
60
80
Distance (m)


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
−1740.5
−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
−1740.0
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−1741.0
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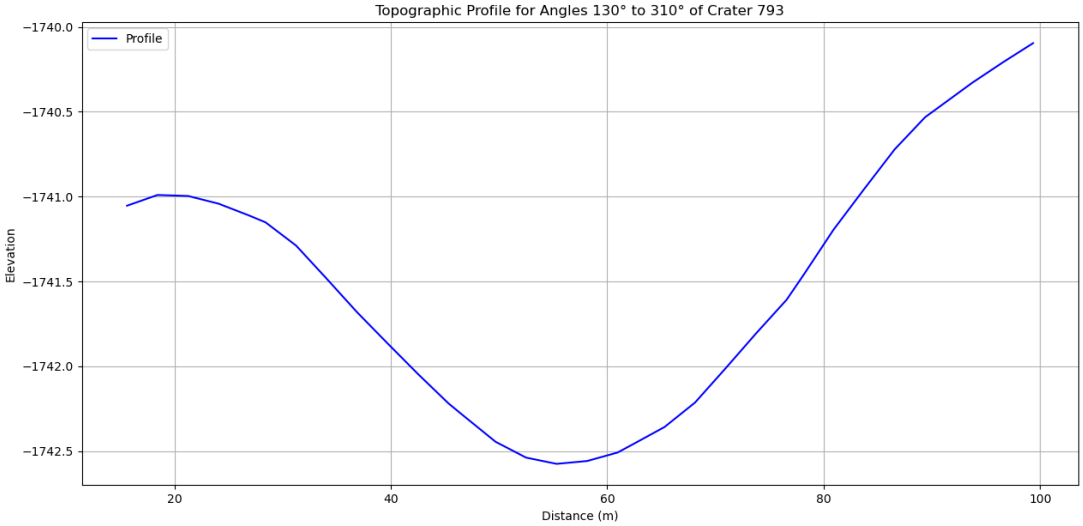
−1742.0
−1742.5
Elevation
20
40
60
80
Distance (m)


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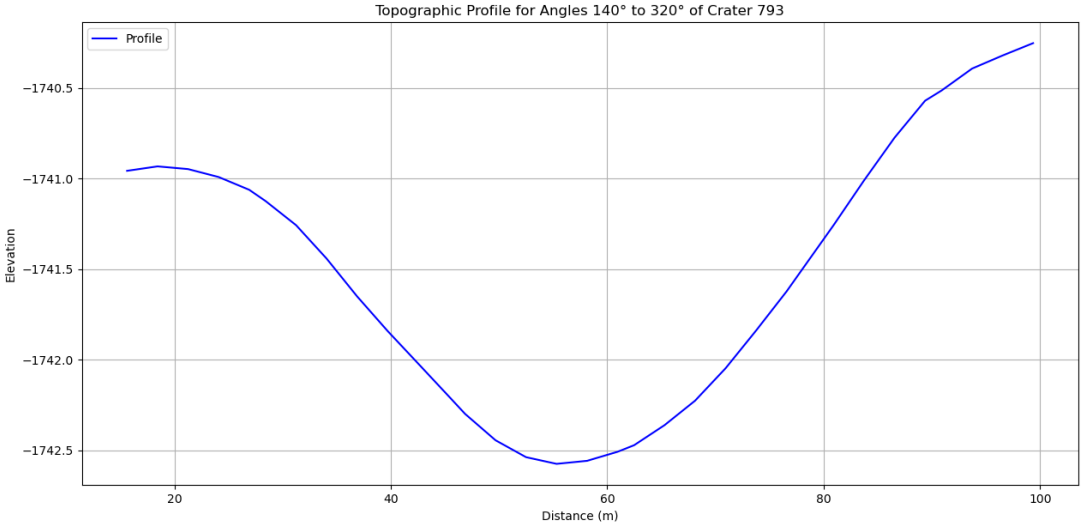
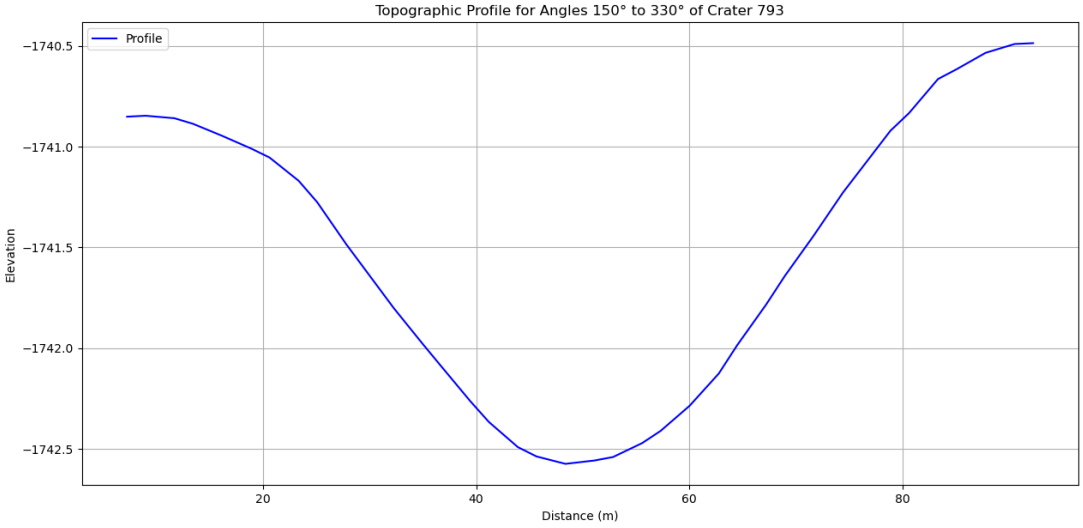
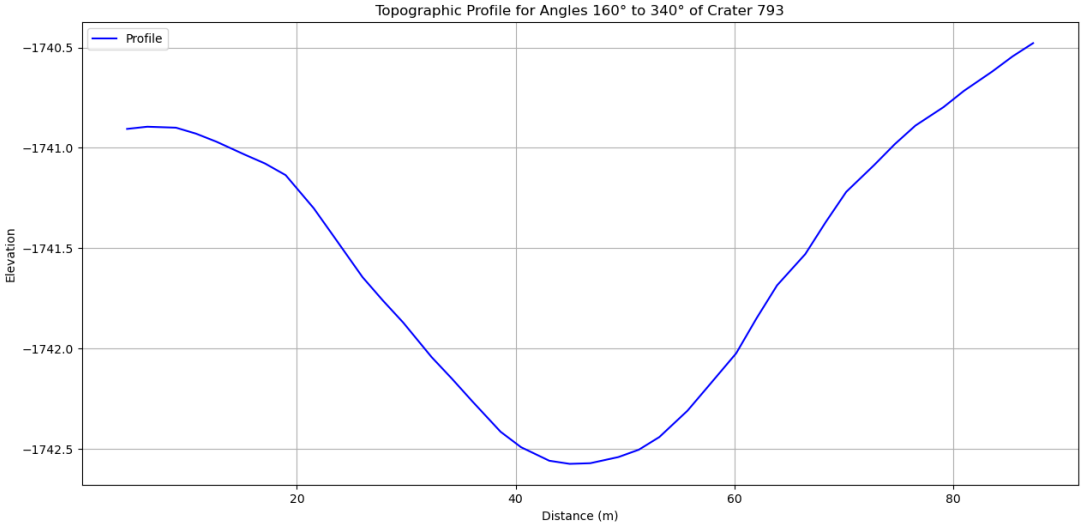
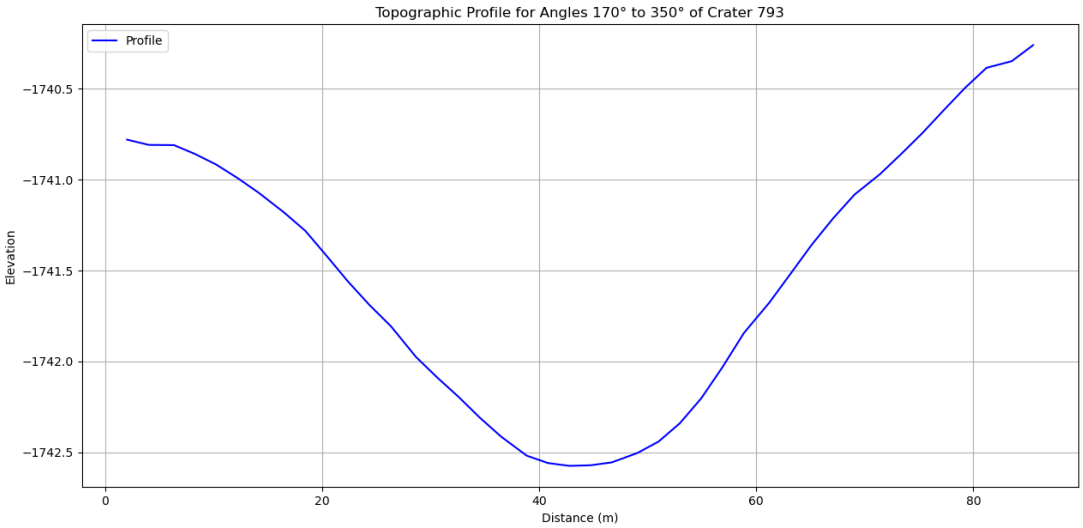
−1740.5
−1741.0
−1741.5
−1742.0
−1742.5
20
40
60
80
100


Topographic Profile for Angles 140° to 320° of Crater 793
Profile
Elevation
Distance (m)
−1740.5
−1741.0
−1741.5
−1742.0
−1742.5
20
40
60
80
100


Topographic Profile for Angles 150° to 330° 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 160° to 340° 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 170° to 350° of Crater 793
Profile
Elevation
−1740.5
−1741.0
−1741.5
−1742.0
−1742.5
0
20
40
60
80
Distance (m)