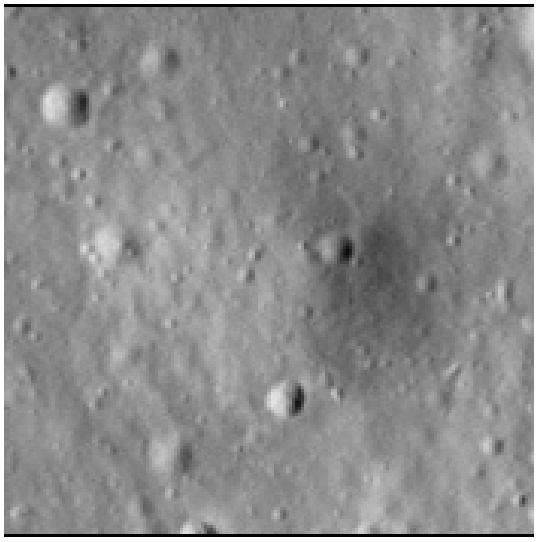
Crater report 1425 of RG2

General information



ID : 1425

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 91m ± 4.0m

Mean depht : 3.7m ± 0.2m

d/D ratio : 0.04 ± 0.003

Circularity index : 0.9

Mean slope : 5.56°

Mean value of TRI on the rim crest : 0.32

Geometric center coordinates : (3655325.3052056734, 223363.65175583278)

Coordinates of the crater's lowest point : (3655335.0000011, 223367.00000006586)

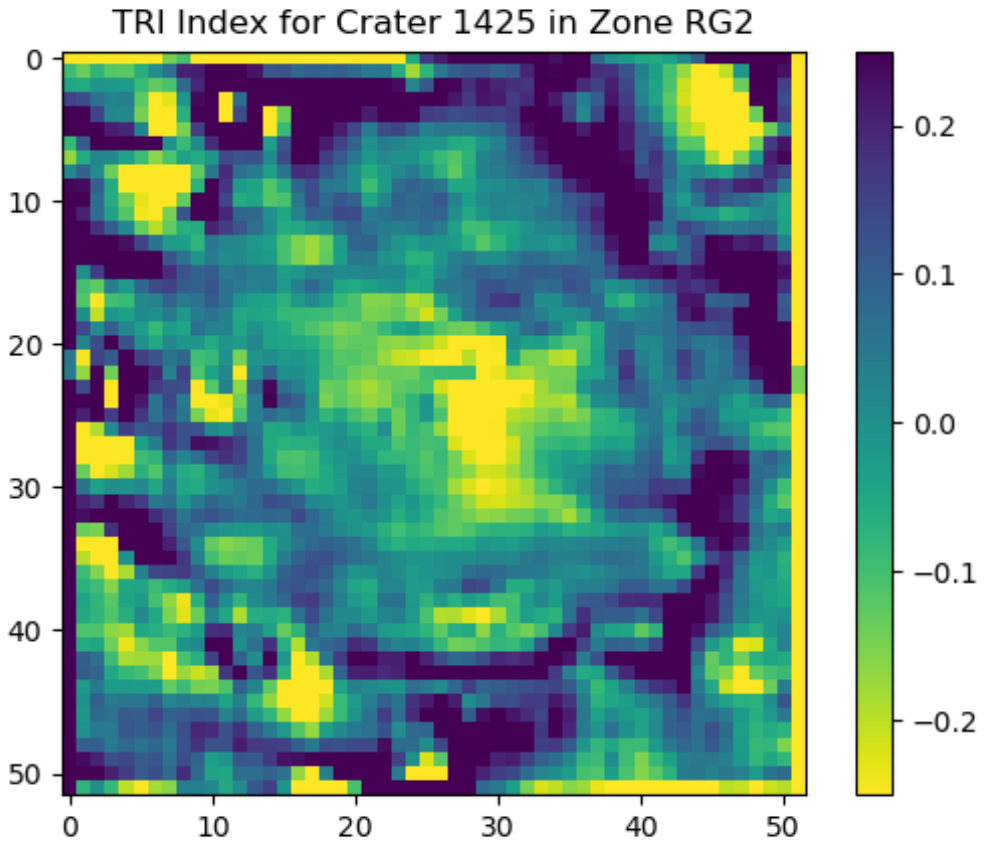
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	6.41	0.57
10°	6.52	0.55
20°	6.88	0.51
30°	7.39	0.48
40°	7.91	0.42
50°	7.48	0.42
60°	6.66	0.48
70°	6.53	0.51
80°	6.34	0.55
90°	6.61	0.57
100°	6.0	0.54
110°	5.69	0.51

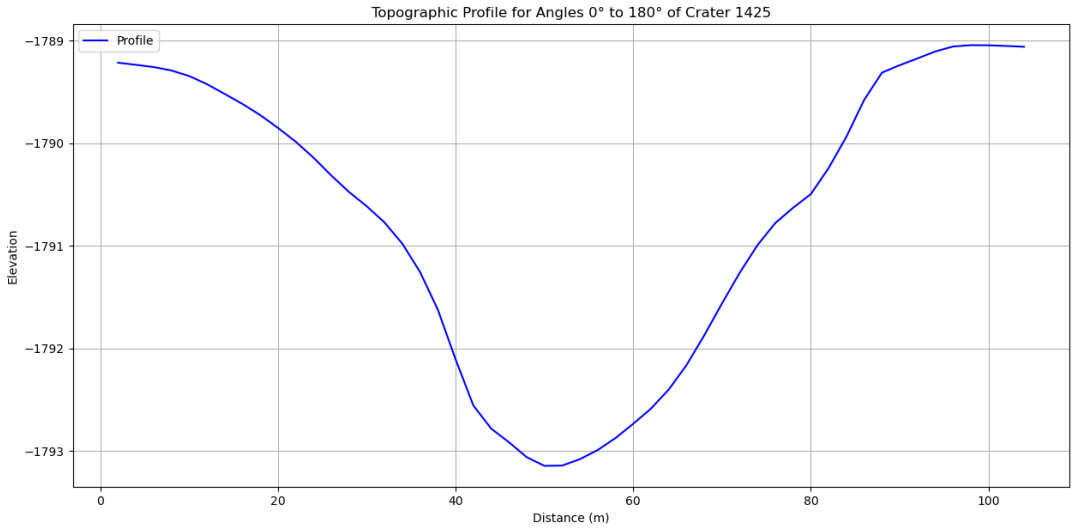
120°	5.6	0.48
130°	5.53	0.44
140°	5.22	0.42
150°	4.87	0.48
160°	4.88	0.52
170°	5.0	0.54
180°	5.38	0.57
190°	5.18	0.54
200°	4.96	0.51
210°	4.92	0.48
220°	5.07	0.43
230°	5.2	0.43
240°	4.71	0.48
250°	4.71	0.52
260°	4.79	0.54
270°	4.49	0.57
280°	4.32	0.55
290°	4.19	0.51
300°	4.13	0.48
310°	4.37	0.43
320°	5.03	0.43
330°	5.36	0.49
340°	5.67	0.51
350°	6.06	0.55

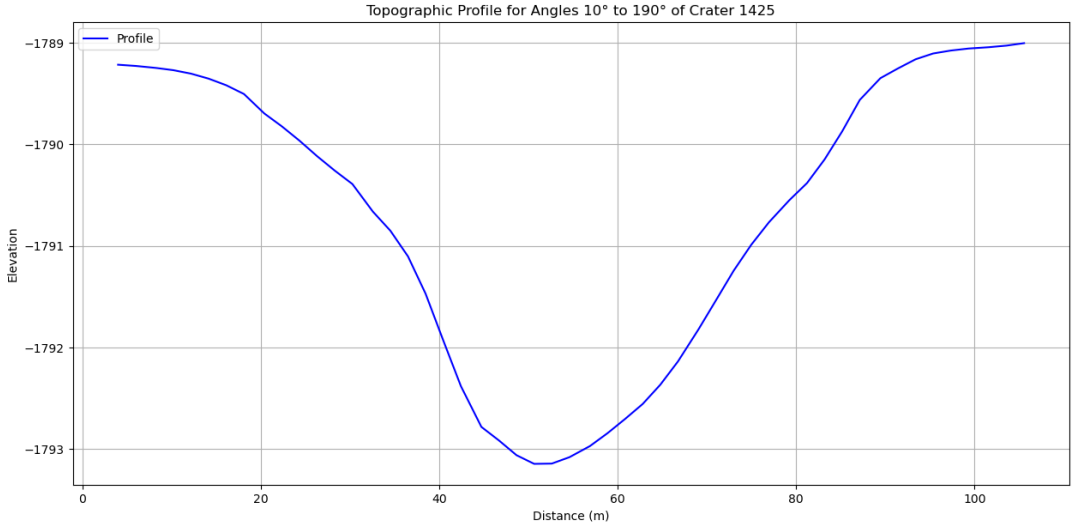
Topographic roughness index (TRI)

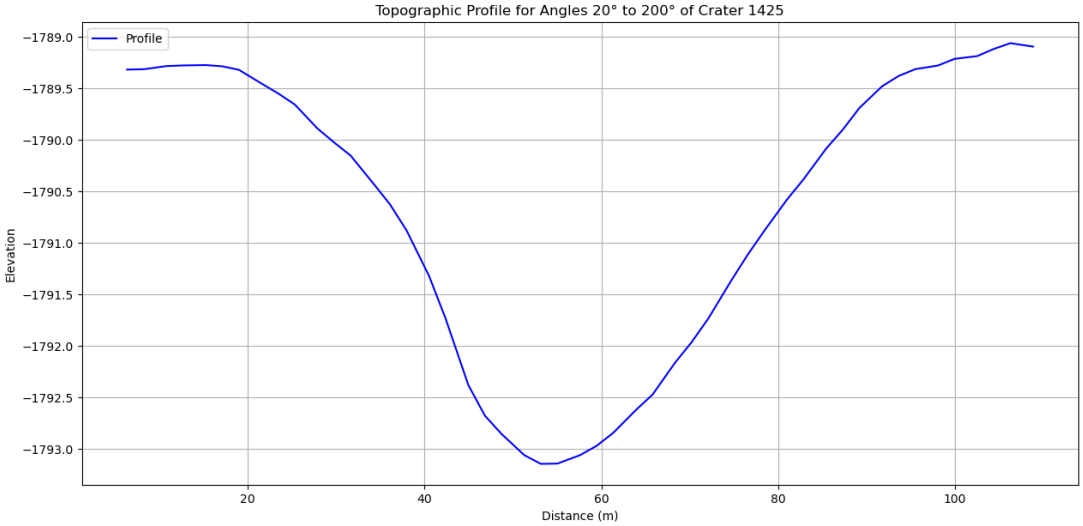
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

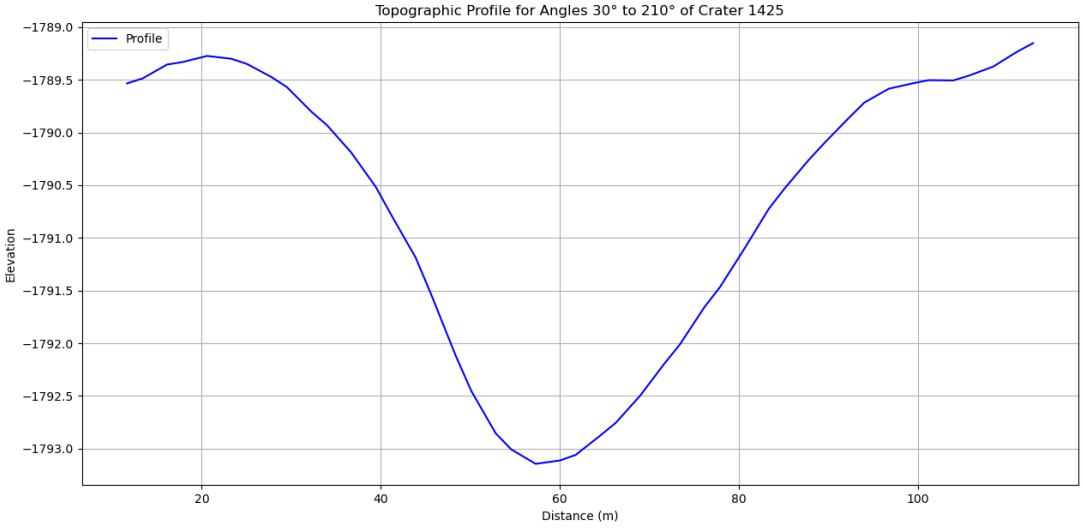


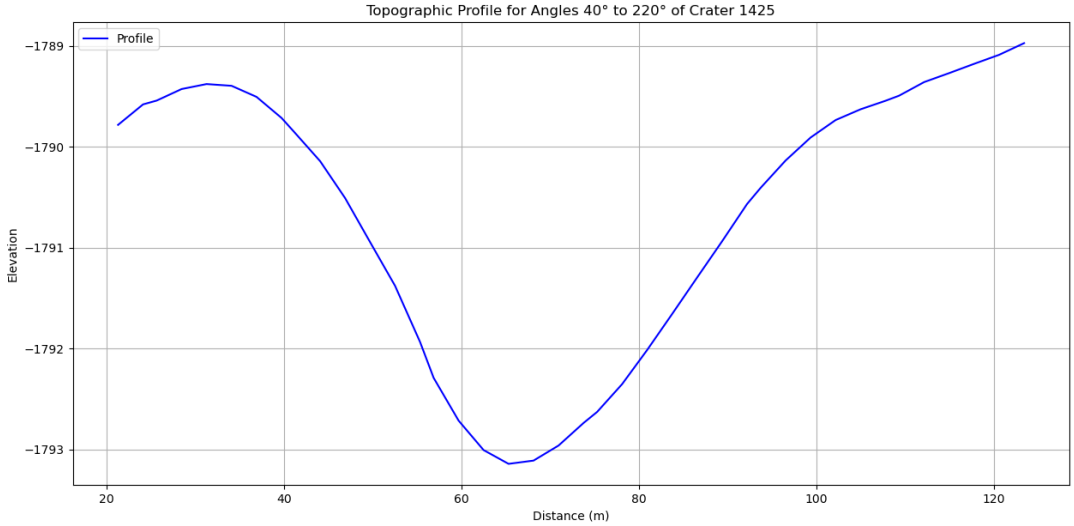
Topographic profiles

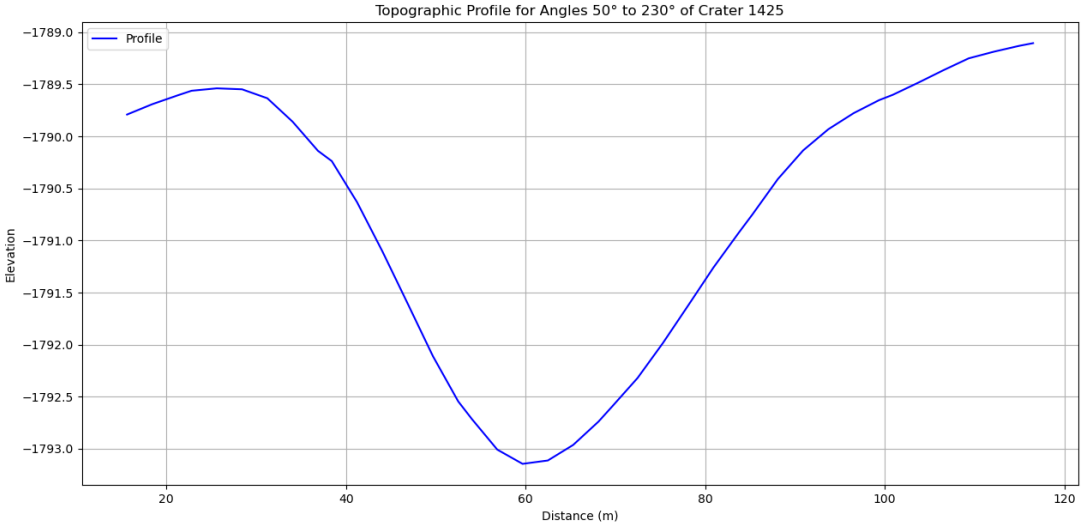


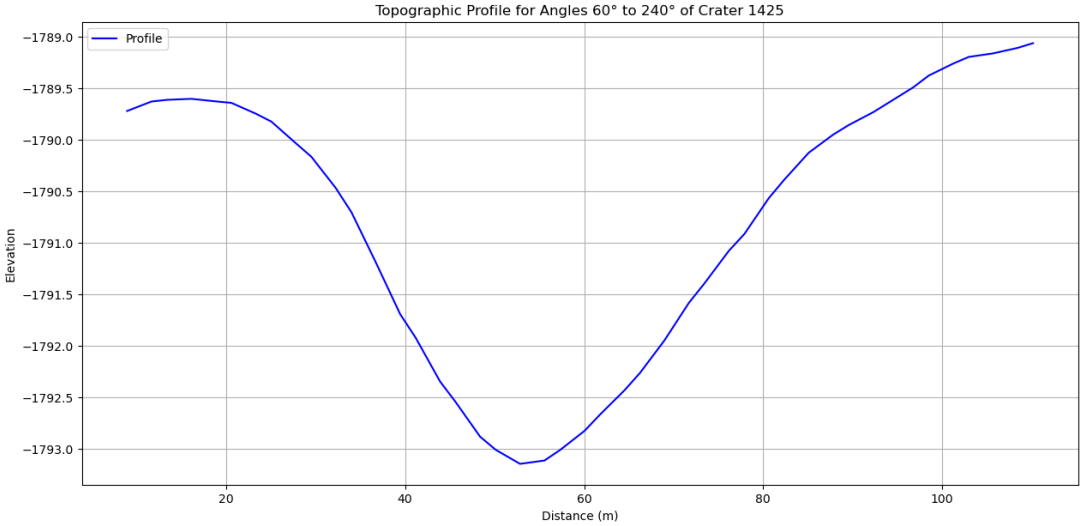

Topographic Profile for Angles 10° to 190° of Crater 1425
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 1425
Profile
Elevation
−1789.0
−1789.5
−1790.0
−1790.5
−1791.0
−1791.5
−1792.0
−1792.5
−1793.0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 1425
Profile
Elevation
Distance (m)
−1789.0
−1789.5
−1790.0
−1790.5
−1791.0
−1791.5
−1792.0
−1792.5
−1793.0
20
40
60
80
100


Topographic Profile for Angles 40° to 220° of Crater 1425
Profile
Elevation
Distance (m)
−1789
−1790
−1791
−1792
−1793
20
40
60
80
100
120


Topographic Profile for Angles 50° to 230° of Crater 1425
Profile
Elevation
Distance (m)
−1789.0
−1789.5
−1790.0
−1790.5
−1791.0
−1791.5
−1792.0
−1792.5
−1793.0
20
40
60
80
100
120


Topographic Profile for Angles 60° to 240° of Crater 1425
Profile
Elevation
Distance (m)
−1789.0
−1789.5
−1790.0
−1790.5
−1791.0
−1791.5
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−1792.5
−1793.0
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40
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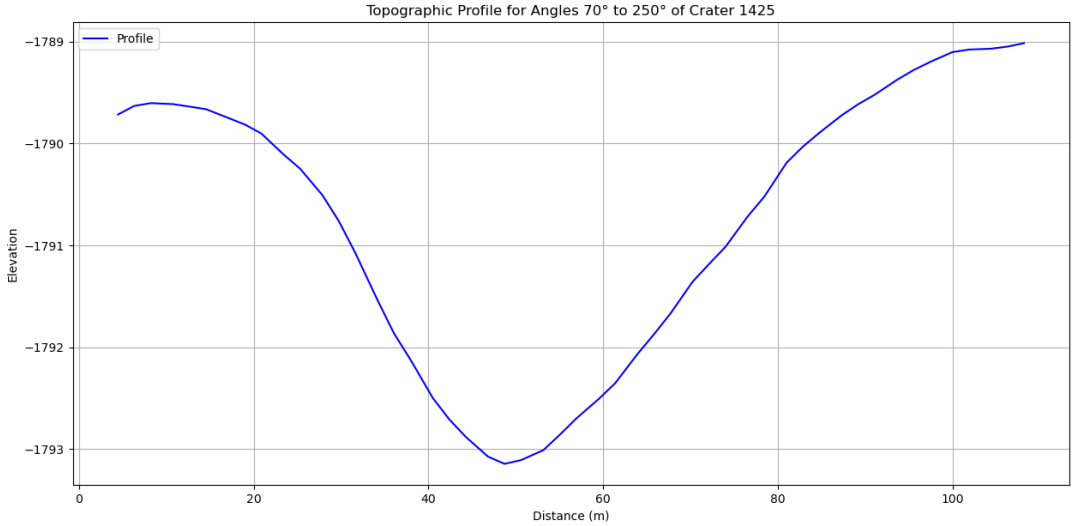
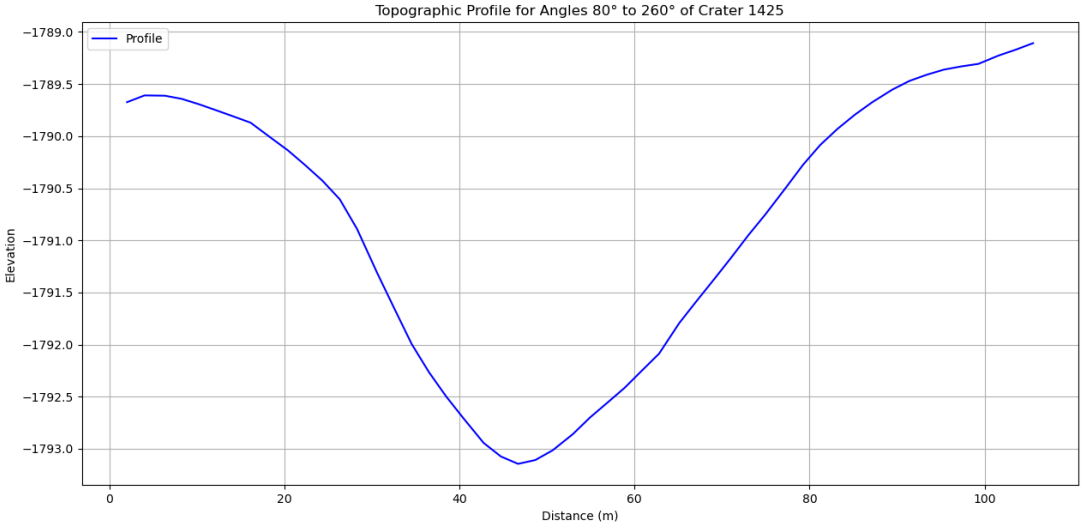
80
100


Topographic Profile for Angles 70° to 250° of Crater 1425
Profile
Elevation
Distance (m)
−1789
−1790
−1791
−1792
−1793
0
20
40
60
80
100


Topographic Profile for Angles 80° to 260° of Crater 1425
Profile
Elevation
Distance (m)
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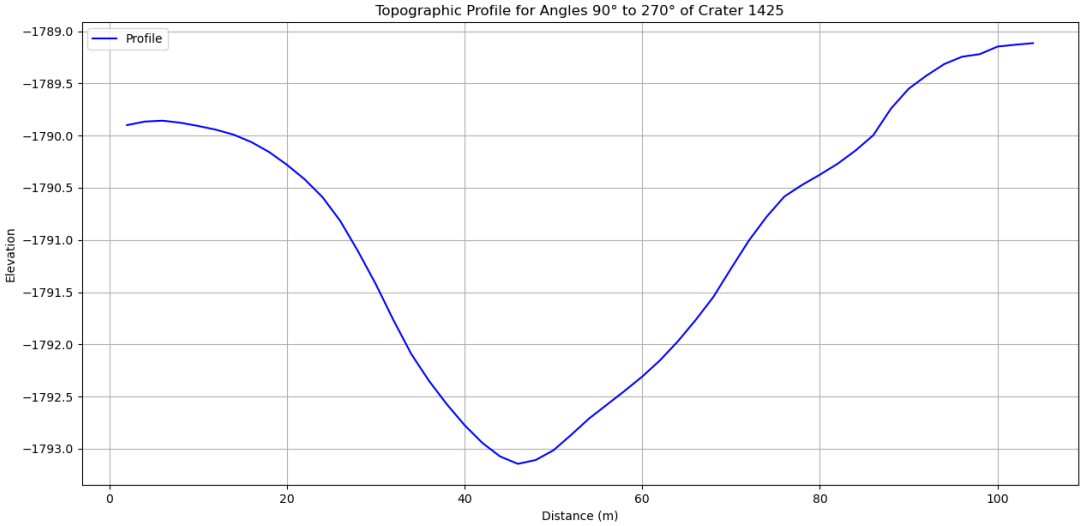
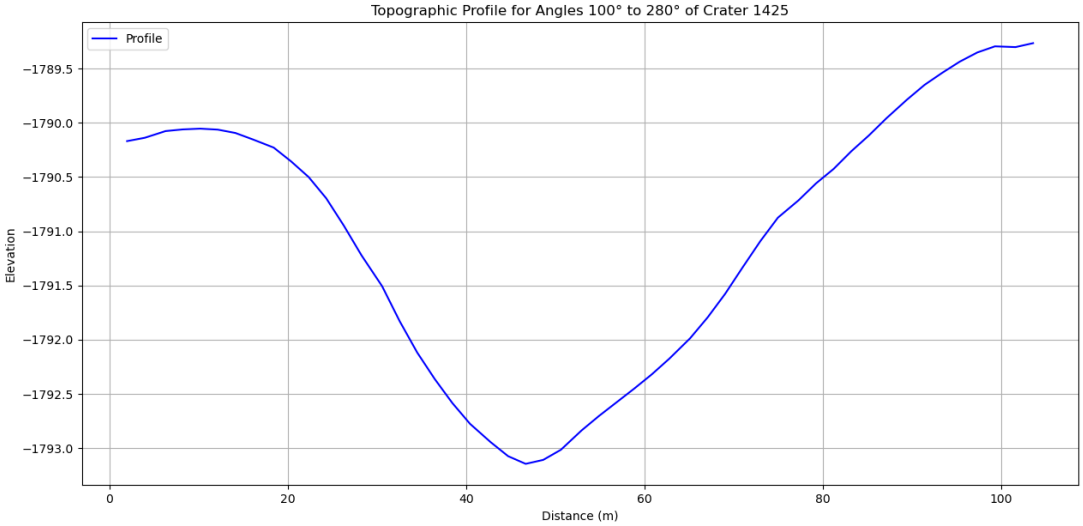
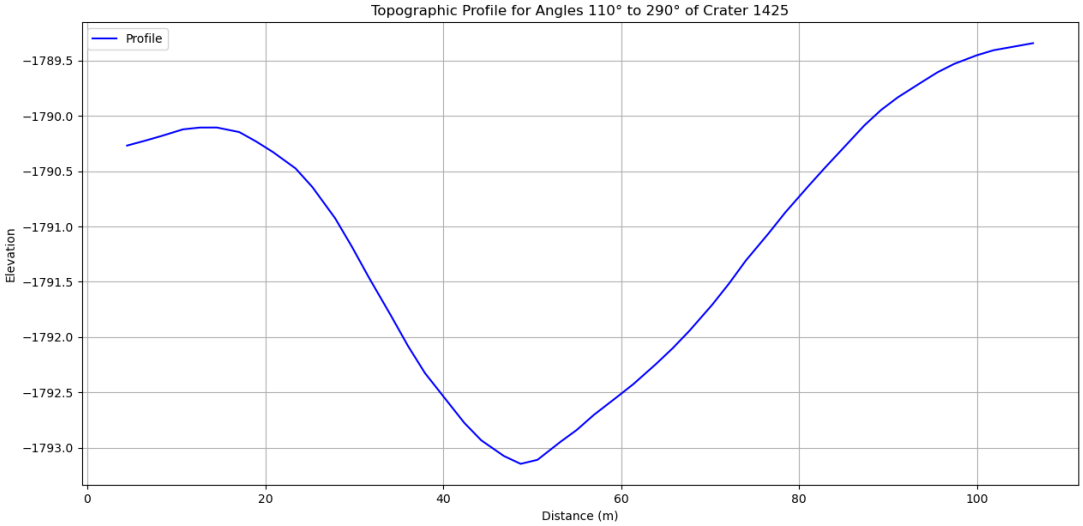
−1789.5
−1790.0
−1790.5
−1791.0
−1791.5
−1792.0
−1792.5
−1793.0
0
20
40
60
80
100


Topographic Profile for Angles 90° to 270° of Crater 1425
Profile
Elevation
Distance (m)
−1789.0
−1789.5
−1790.0
−1790.5
−1791.0
−1791.5
−1792.0
−1792.5
−1793.0
0
20
40
60
80
100


Topographic Profile for Angles 100° to 280° of Crater 1425
Profile
Elevation
Distance (m)
−1789.5
−1790.0
−1790.5
−1791.0
−1791.5
−1792.0
−1792.5
−1793.0
0
20
40
60
80
100


Topographic Profile for Angles 110° to 290° of Crater 1425
Profile
Elevation
Distance (m)
−1789.5
−1790.0
−1790.5
−1791.0
−1791.5
−1792.0
−1792.5
−1793.0
0
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40
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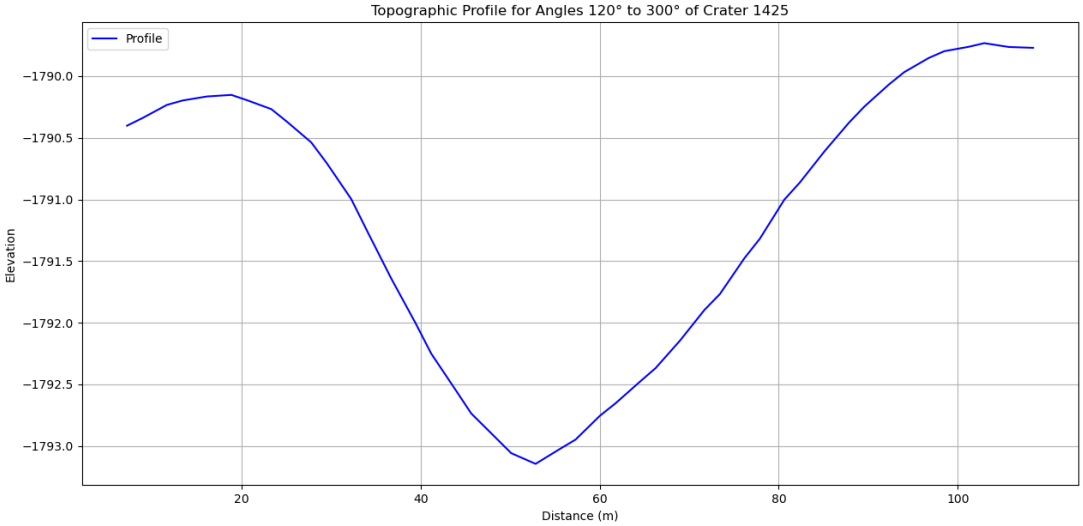
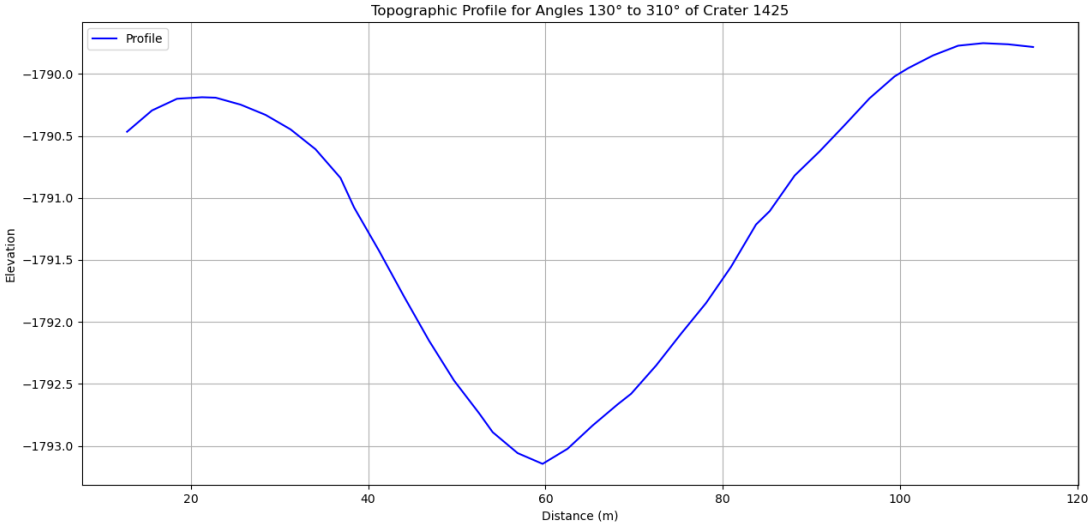
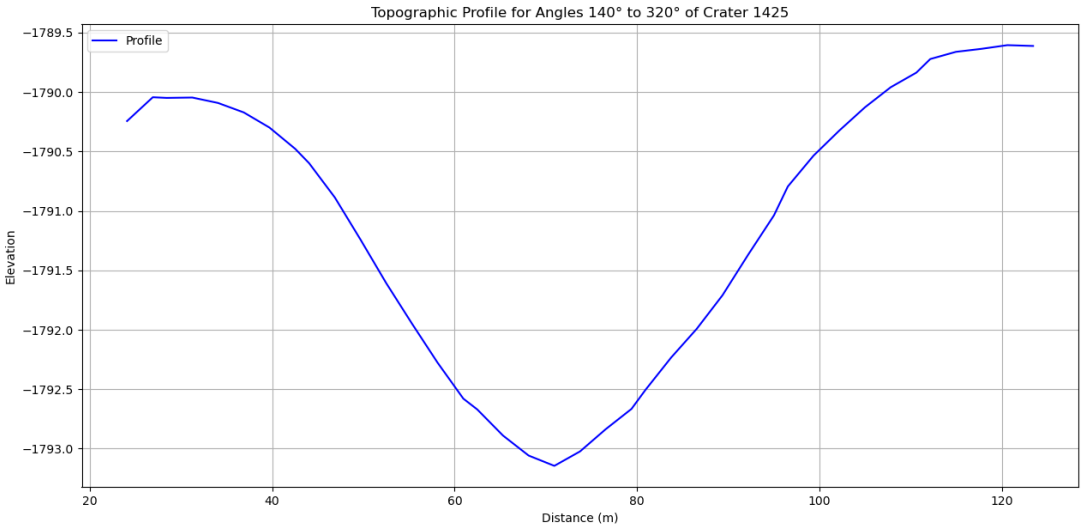
80
100


Topographic Profile for Angles 120° to 300° of Crater 1425
Profile
Elevation
Distance (m)
−1790.0
−1790.5
−1791.0
−1791.5
−1792.0
−1792.5
−1793.0
20
40
60
80
100


Topographic Profile for Angles 130° to 310° of Crater 1425
Profile
Elevation
Distance (m)
−1790.0
−1790.5
−1791.0
−1791.5
−1792.0
−1792.5
−1793.0
20
40
60
80
100
120


Topographic Profile for Angles 140° to 320° of Crater 1425
Profile
Elevation
Distance (m)
−1789.5
−1790.0
−1790.5
−1791.0
−1791.5
−1792.0
−1792.5
−1793.0
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40
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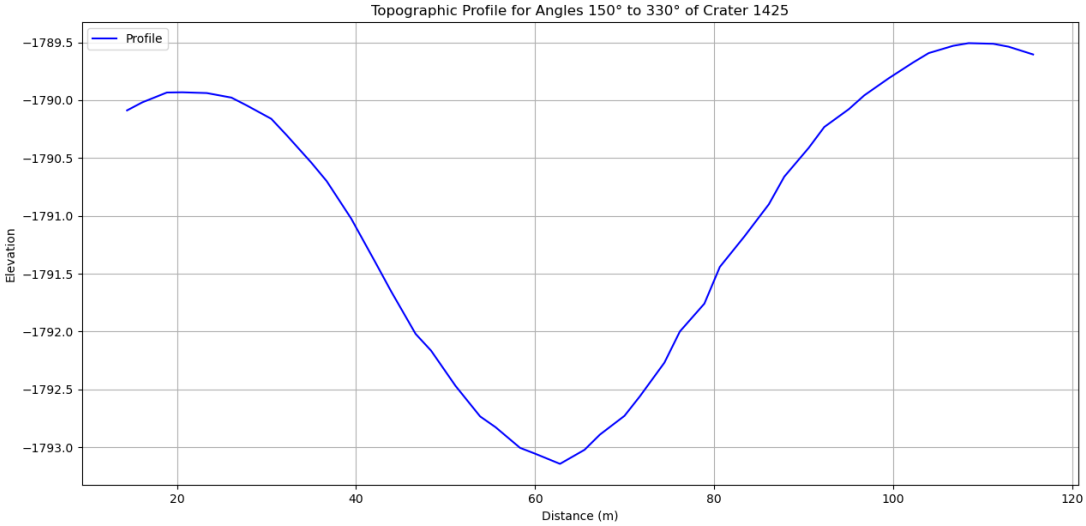
100
120


Topographic Profile for Angles 150° to 330° of Crater 1425
Profile
Elevation
Distance (m)
−1789.5
−1790.0
−1790.5
−1791.0
−1791.5
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−1792.5
−1793.0
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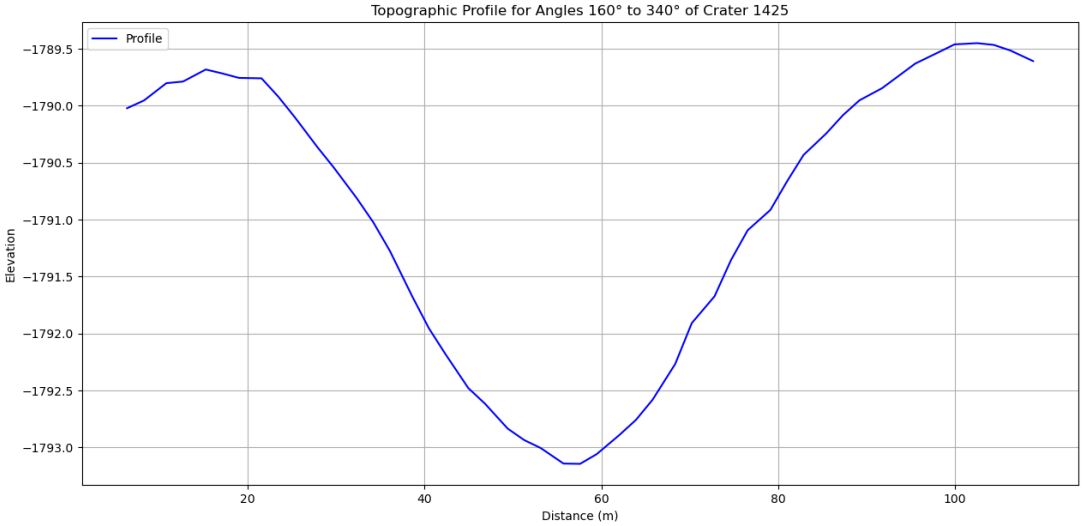
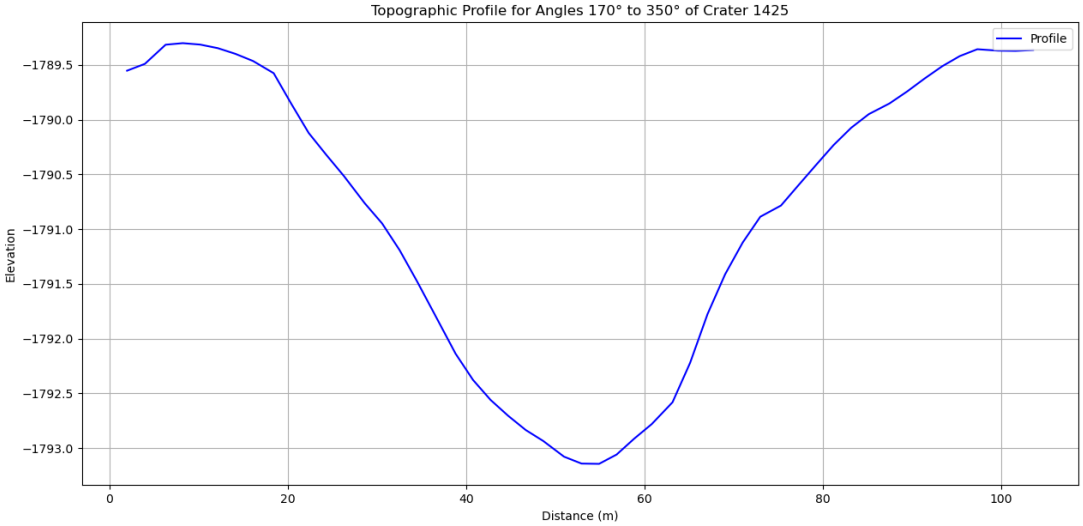

Topographic Profile for Angles 160° to 340° of Crater 1425
Profile
Elevation
Distance (m)
−1789.5
−1790.0
−1790.5
−1791.0
−1791.5
−1792.0
−1792.5
−1793.0
20
40
60
80
100


Topographic Profile for Angles 170° to 350° of Crater 1425
Profile
Elevation
−1789.5
−1790.0
−1790.5
−1791.0
−1791.5
−1792.0
−1792.5
−1793.0
0
20
40
60
80
100
Distance (m)