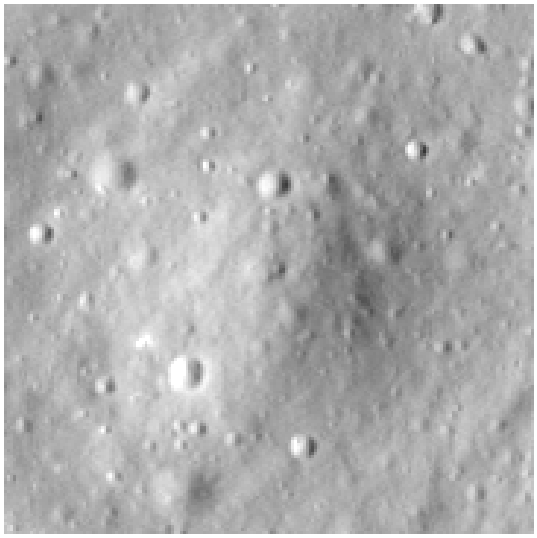
Crater report 2308 of RG2

General information



ID : 2308

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 98m ± 5.0m

Mean depht : 4.3m ± 0.2m

d/D ratio : 0.044 ± 0.003

Circularity index : 0.94

Slope : Between 5.17° et 8.25°

Mean value of TRI on the rim crest : 0.16

Geometric center coordinates : (3655695.893788208, 218466.2788275686)

Coordinates of the crater's lowest point : (3655699.0000011, 218461.0000000644)

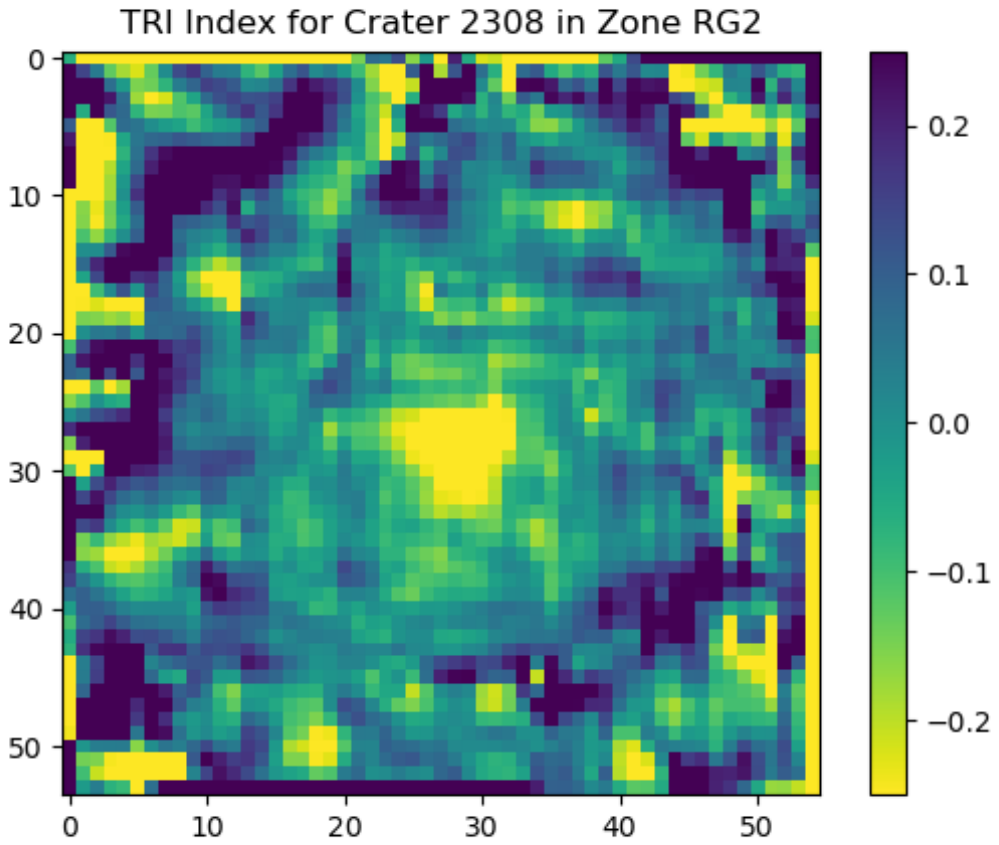
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	6.95	0.57
10°	6.06	0.54
20°	5.3	0.51
30°	5.17	0.48
40°	5.66	0.44
50°	6.09	0.42
60°	5.85	0.48
70°	5.92	0.51
80°	6.04	0.54
90°	6.34	0.57
100°	6.49	0.55
110°	6.05	0.53

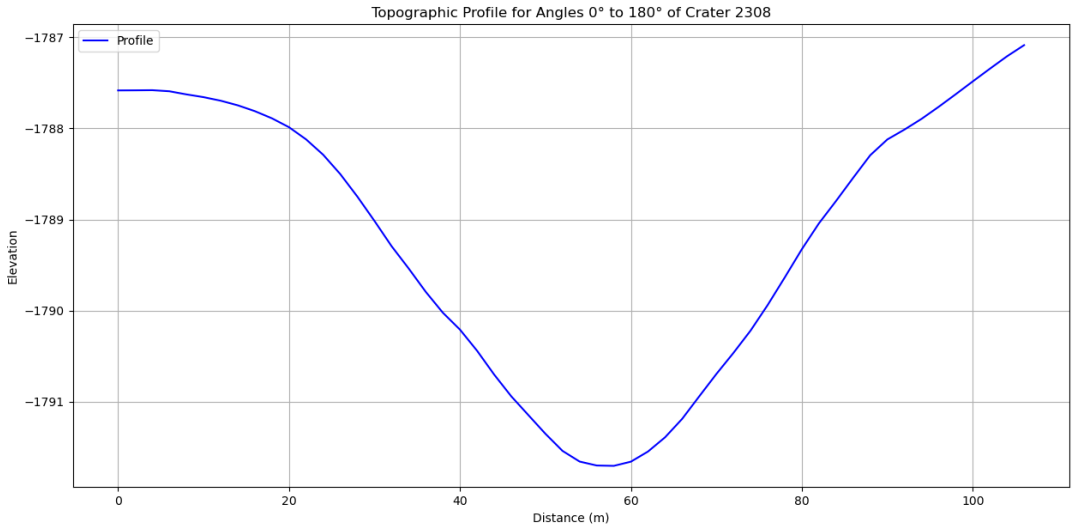
120°	6.0	0.48
130°	6.33	0.43
140°	6.76	0.43
150°	6.81	0.47
160°	7.16	0.51
170°	7.4	0.55
180°	7.54	0.57
190°	6.52	0.55
200°	6.4	0.51
210°	6.38	0.49
220°	7.29	0.42
230°	7.5	0.42
240°	7.16	0.48
250°	6.79	0.51
260°	7.44	0.54
270°	8.25	0.57
280°	7.72	0.54
290°	7.21	0.52
300°	6.94	0.48
310°	6.24	0.42
320°	6.38	0.42
330°	6.32	0.48
340°	6.42	0.51
350°	6.78	0.54

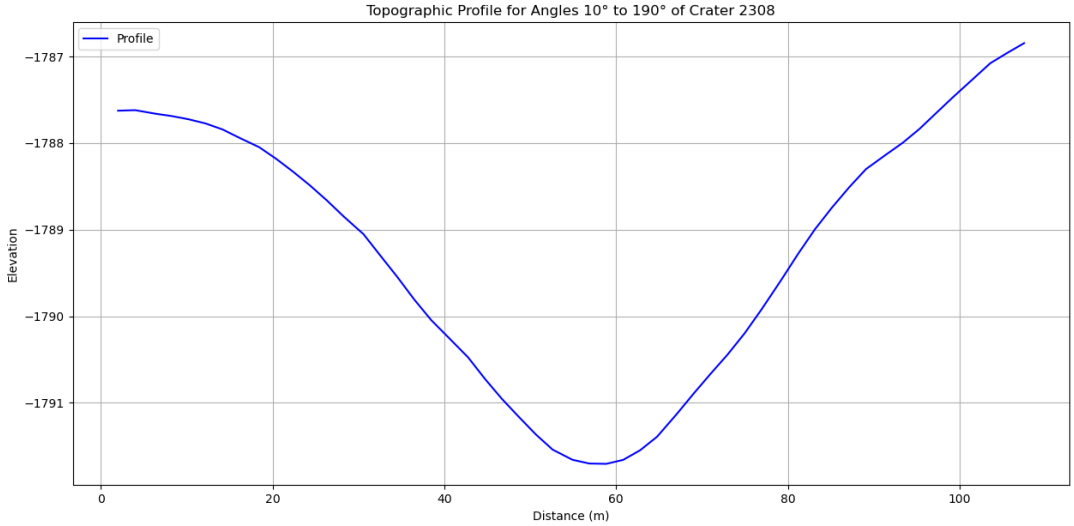
Topographic roughness index (TRI)

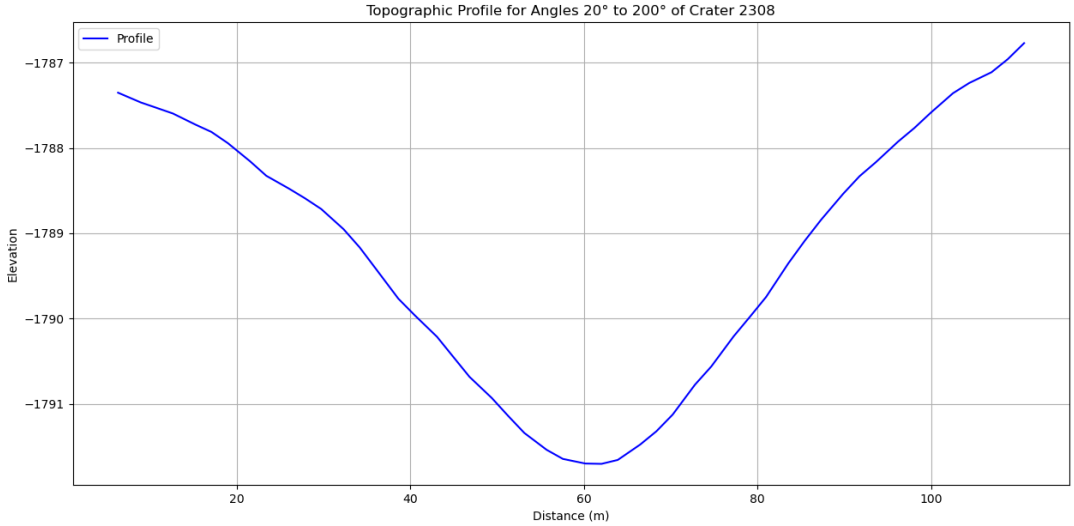
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

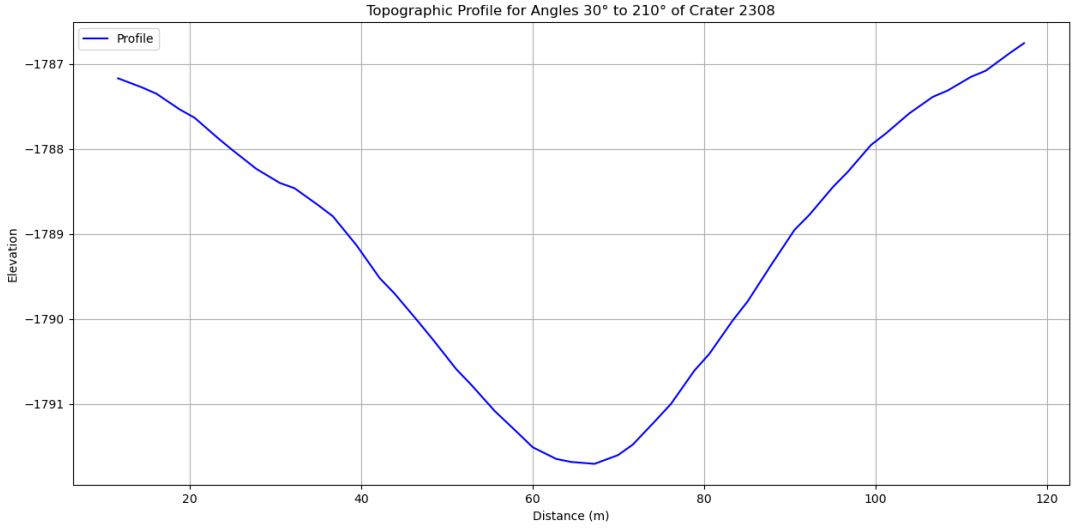


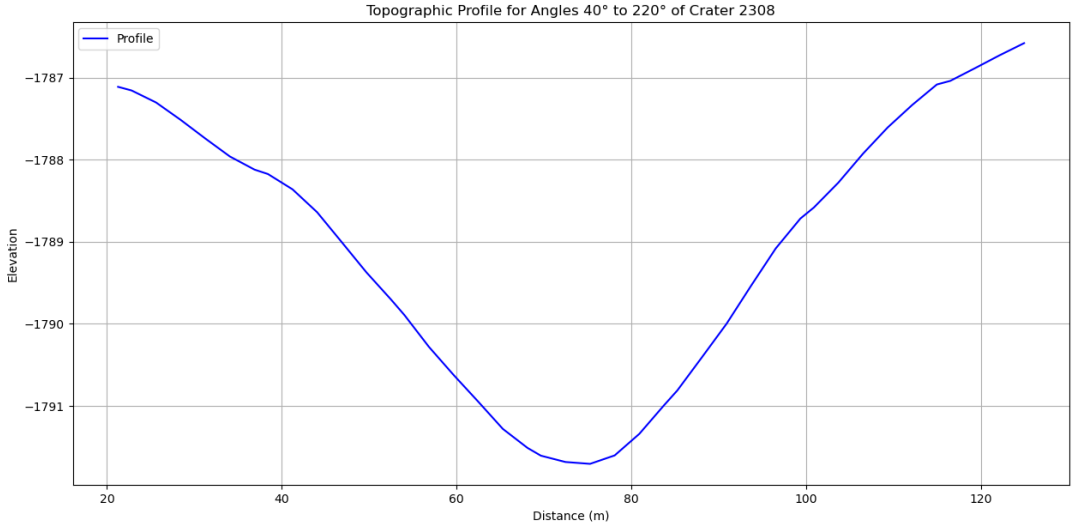
Topographic profiles

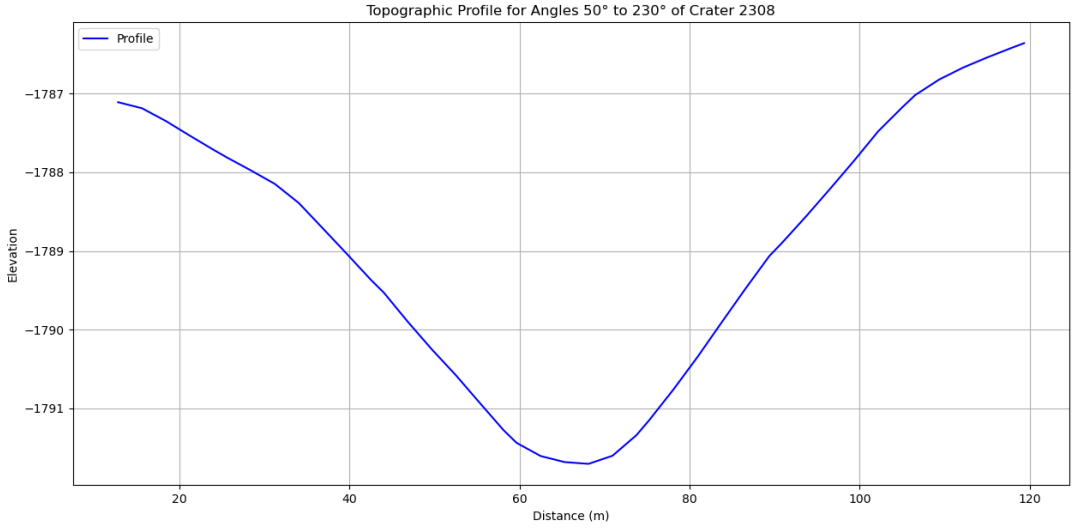


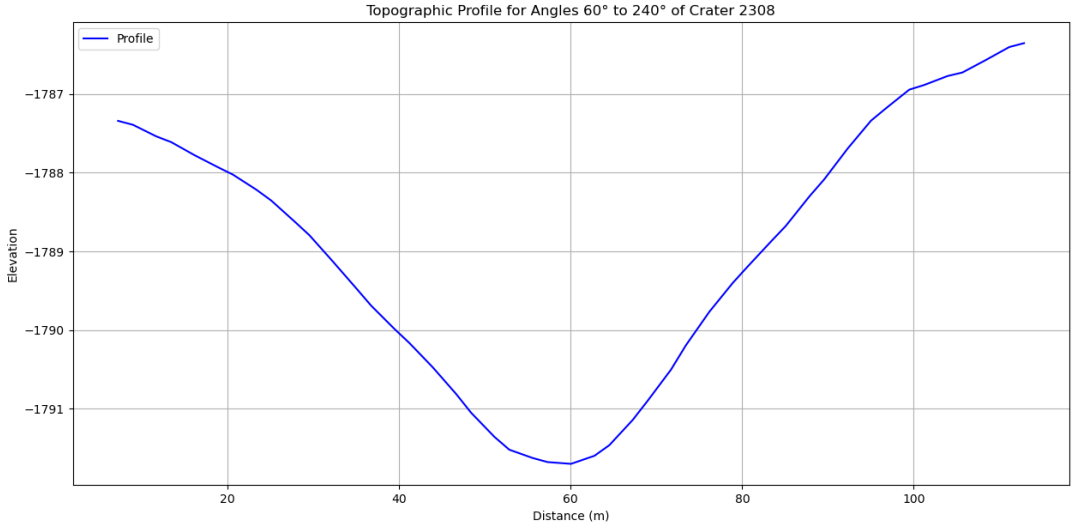

Topographic Profile for Angles 10° to 190° of Crater 2308
Profile
−1787
−1788
−1789
−1790
−1791
Elevation
0
20
40
60
80
100
Distance (m)

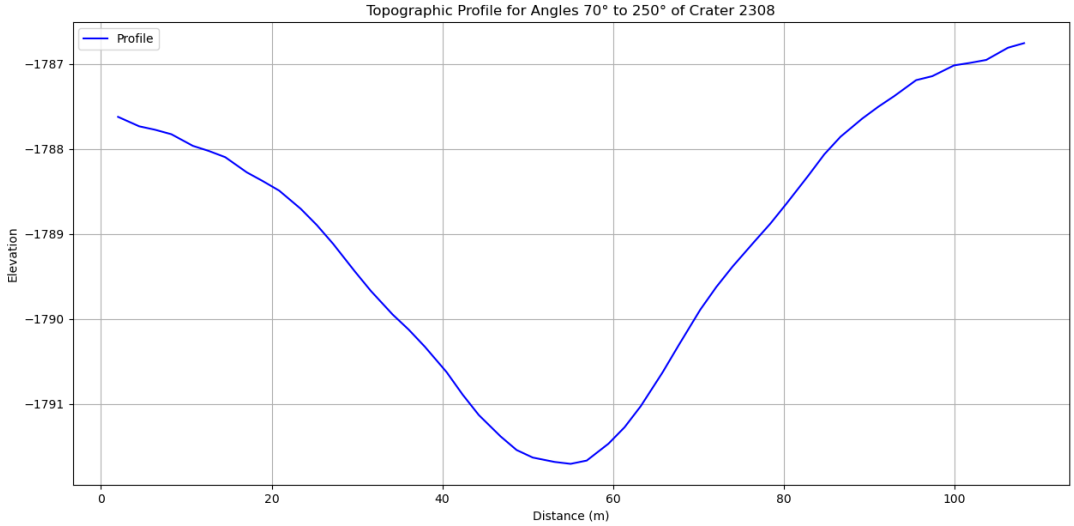

Topographic Profile for Angles 20° to 200° of Crater 2308
Profile
−1787
−1788
−1789
−1790
−1791
Elevation
20
40
60
80
100
Distance (m)

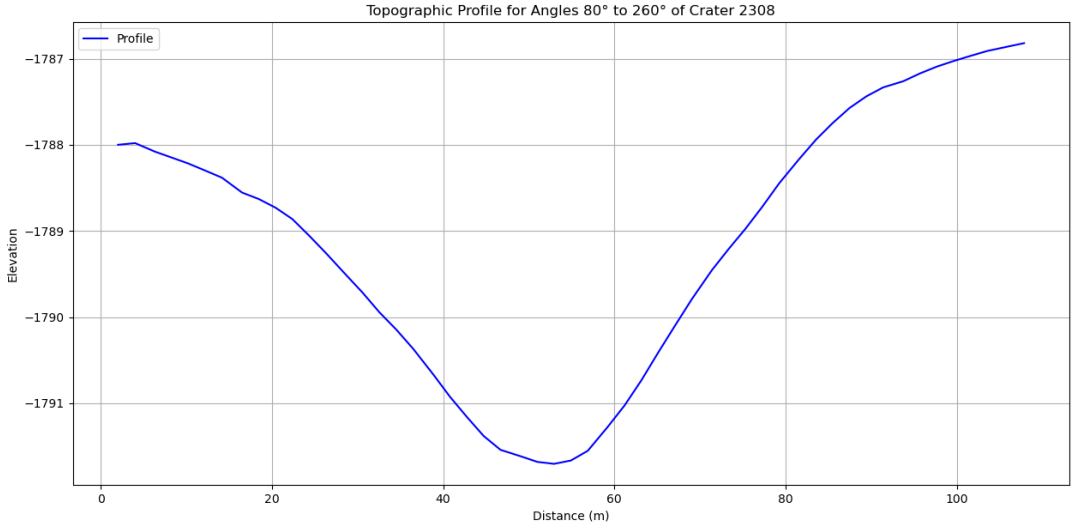

Topographic Profile for Angles 30° to 210° of Crater 2308
Profile
Elevation
−1787
−1788
−1789
−1790
−1791
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 40° to 220° of Crater 2308
Profile
Elevation
−1787
−1788
−1789
−1790
−1791
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 50° to 230° of Crater 2308
Profile
Elevation
−1787
−1788
−1789
−1790
−1791
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 2308
Profile
Elevation
−1787
−1788
−1789
−1790
−1791
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 2308
Profile
Elevation
−1787
−1788
−1789
−1790
−1791
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 2308
Profile
Elevation
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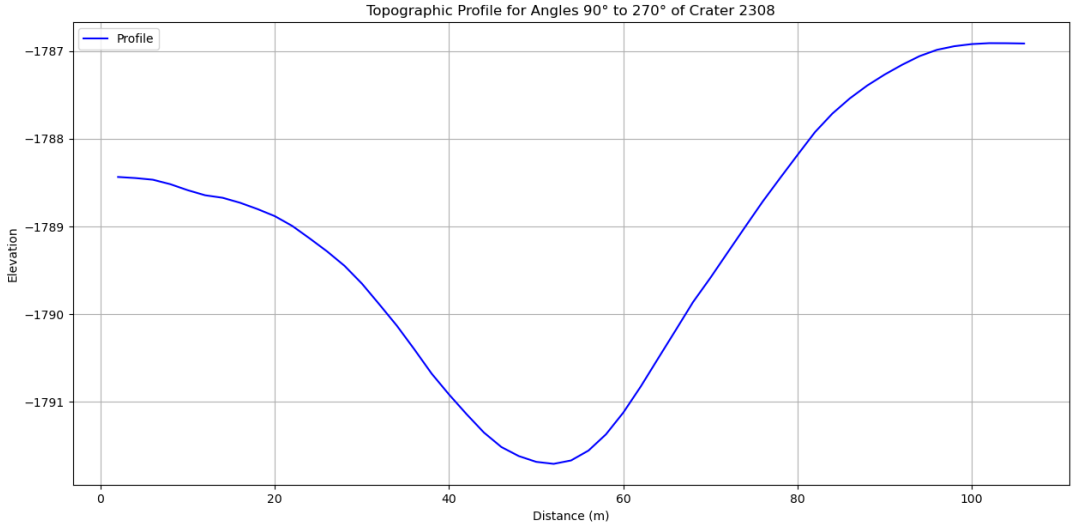
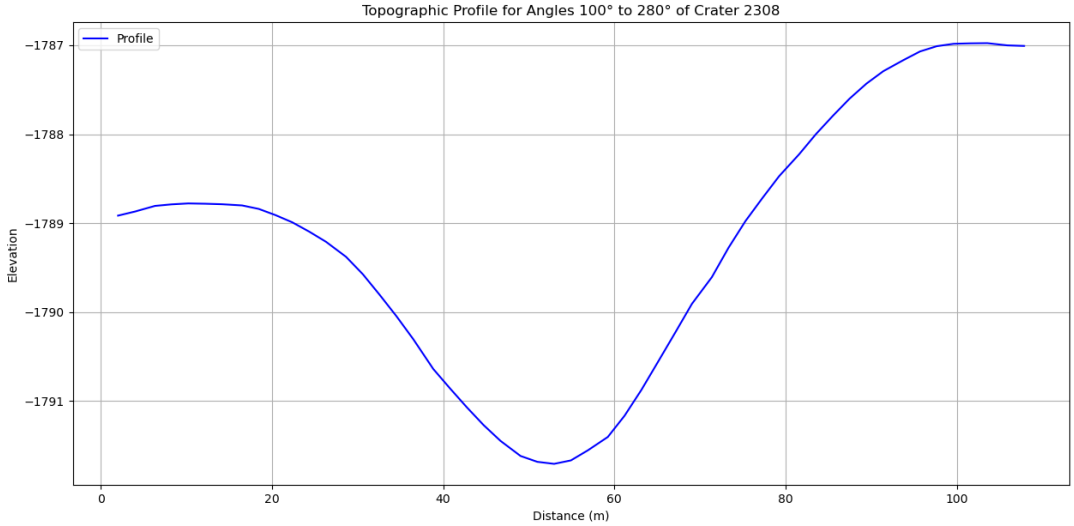
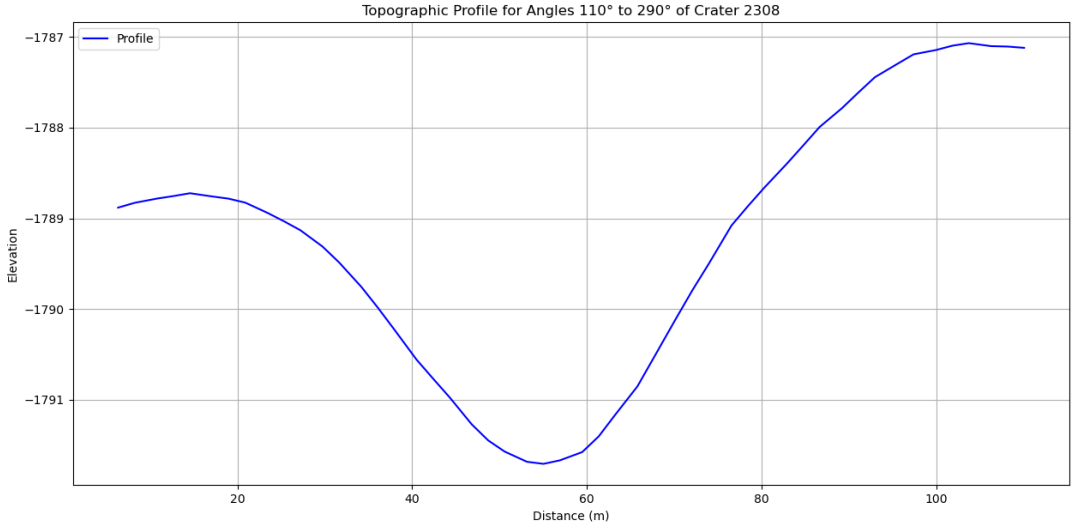
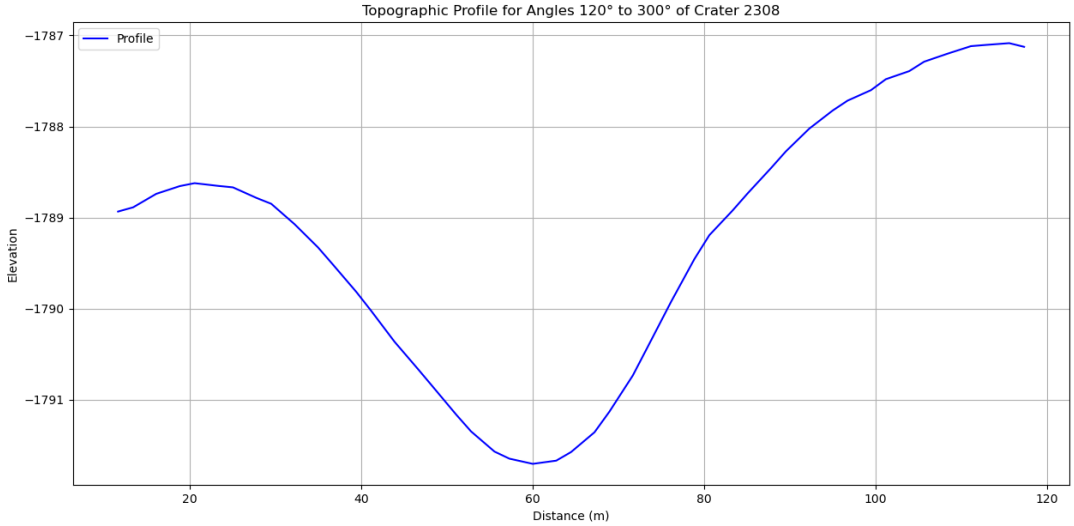
−1788
−1789
−1790
−1791
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 2308
Profile
Elevation
−1787
−1788
−1789
−1790
−1791
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 2308
Profile
Elevation
−1787
−1788
−1789
−1790
−1791
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 2308
Profile
−1787
−1788
−1789
−1790
−1791
Elevation
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 120° to 300° of Crater 2308
Profile
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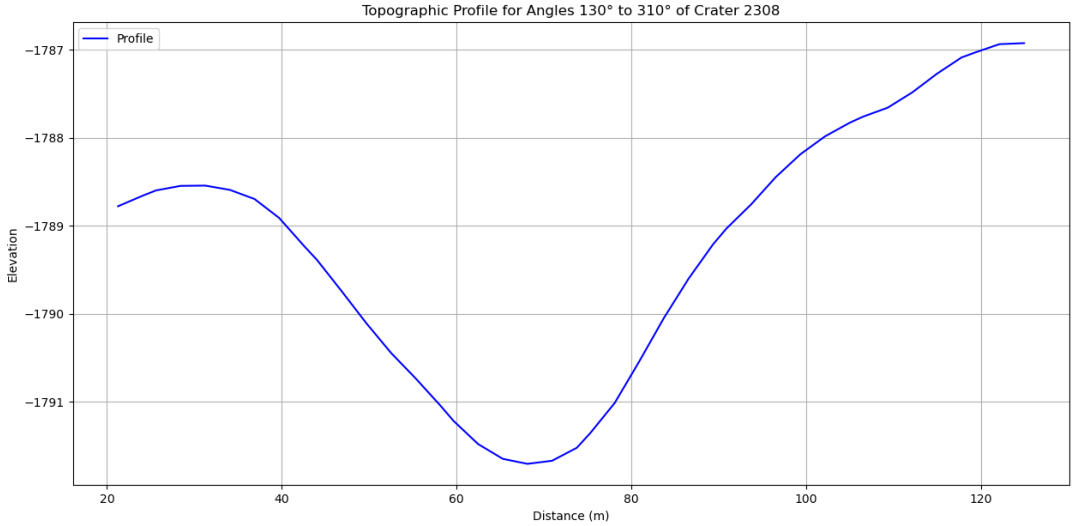
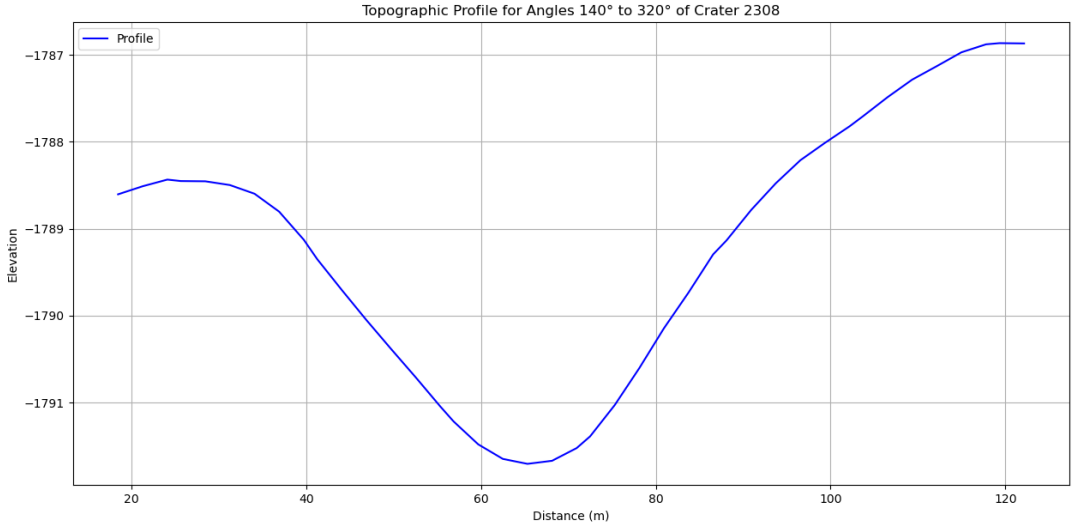
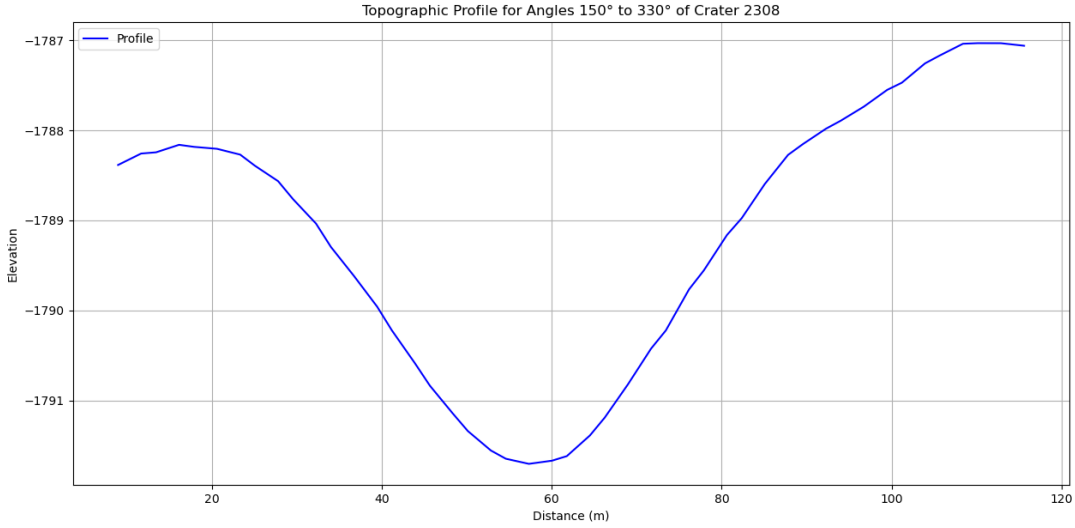
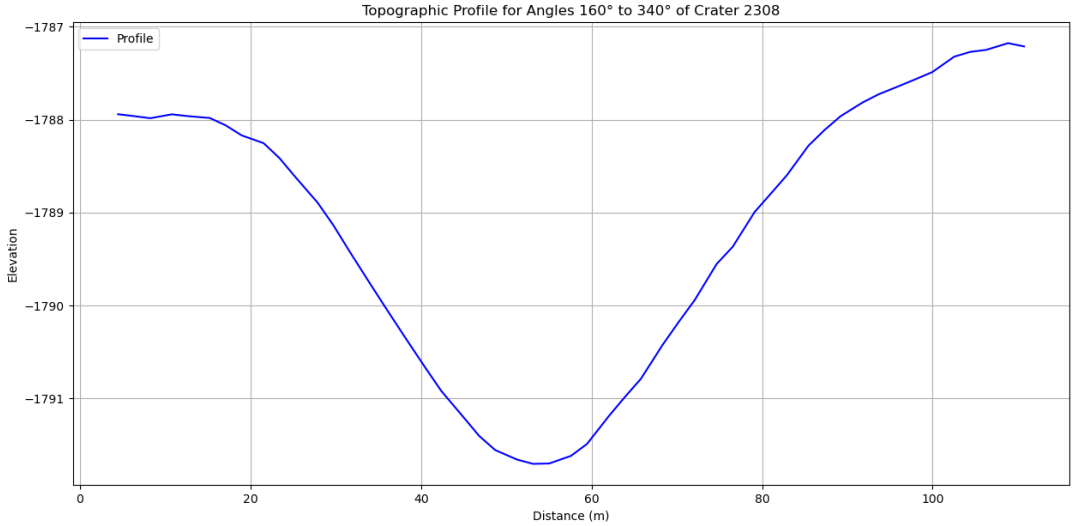
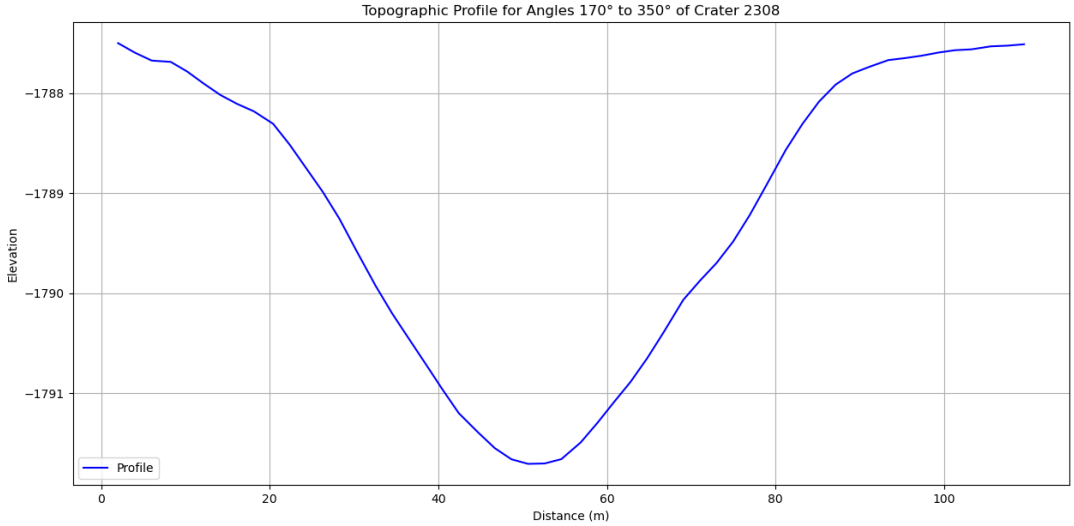
−1788
−1789
−1790
−1791
Elevation
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 2308
Profile
Elevation
−1787
−1788
−1789
−1790
−1791
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2308
Profile
Elevation
−1787
−1788
−1789
−1790
−1791
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2308
Profile
Elevation
Distance (m)
−1787
−1788
−1789
−1790
−1791
20
40
60
80
100
120


Topographic Profile for Angles 160° to 340° of Crater 2308
Profile
Elevation
Distance (m)
−1787
−1788
−1789
−1790
−1791
0
20
40
60
80
100


Topographic Profile for Angles 170° to 350° of Crater 2308
Elevation
−1788
−1789
−1790
−1791
Profile
0
20
40
60
80
100
Distance (m)