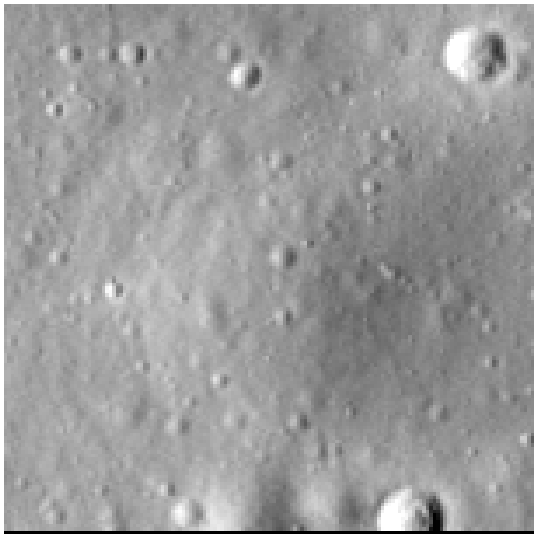
Crater report 1034 of RG2

General information



ID : 1034

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 81m ± 4.0m

Mean depht : 2.6m ± 0.3m

d/D ratio : 0.032 ± 0.004

Circularity index : 0.91

Mean slope : 3.91°

Mean value of TRI on the rim crest : 0.06

Geometric center coordinates : (3657460.4856777475, 228311.2351620011)

Coordinates of the crater's lowest point : (3657461.000001101, 228301.00000006735)

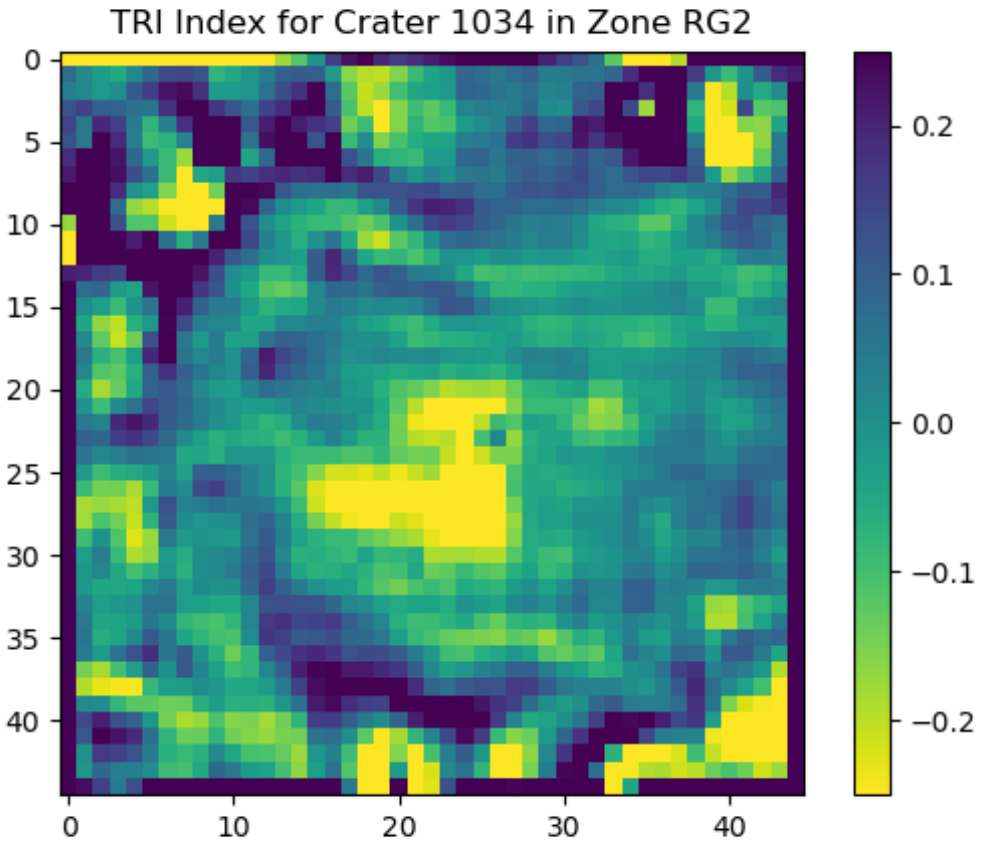
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	4.79	0.57
10°	4.73	0.54
20°	4.63	0.52
30°	4.43	0.48
40°	4.32	0.43
50°	4.23	0.44
60°	4.26	0.48
70°	4.48	0.52
80°	4.66	0.54
90°	4.89	0.57
100°	4.45	0.54
110°	4.3	0.52

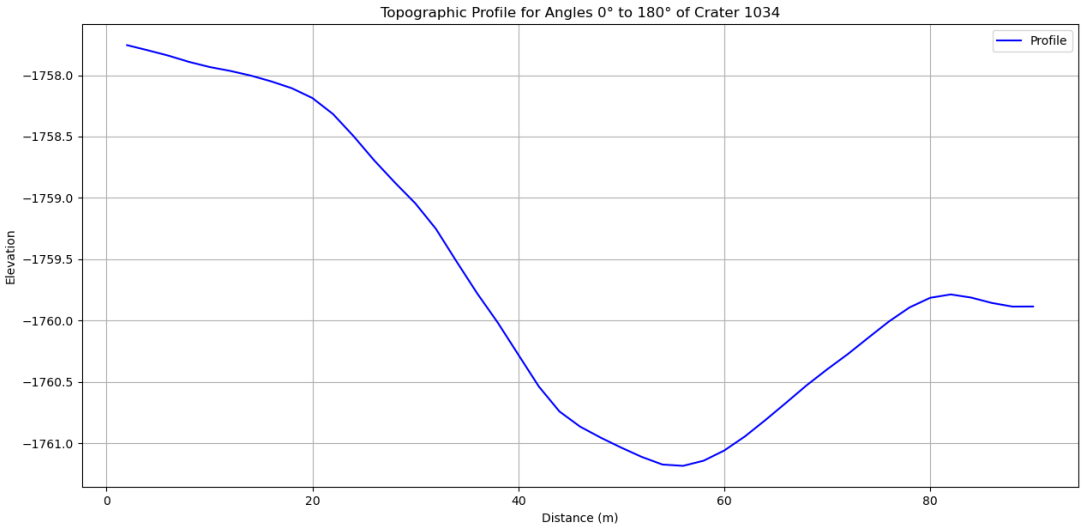
120°	3.98	0.47
130°	3.86	0.42
140°	3.6	0.44
150°	3.41	0.48
160°	3.36	0.51
170°	3.31	0.54
180°	3.37	0.57
190°	3.24	0.54
200°	3.23	0.51
210°	3.38	0.49
220°	3.66	0.42
230°	3.62	0.42
240°	3.22	0.48
250°	3.15	0.51
260°	3.36	0.55
270°	3.67	0.57
280°	3.59	0.55
290°	3.53	0.52
300°	3.66	0.48
310°	4.02	0.43
320°	4.02	0.43
330°	4.06	0.49
340°	4.13	0.52
350°	4.28	0.54

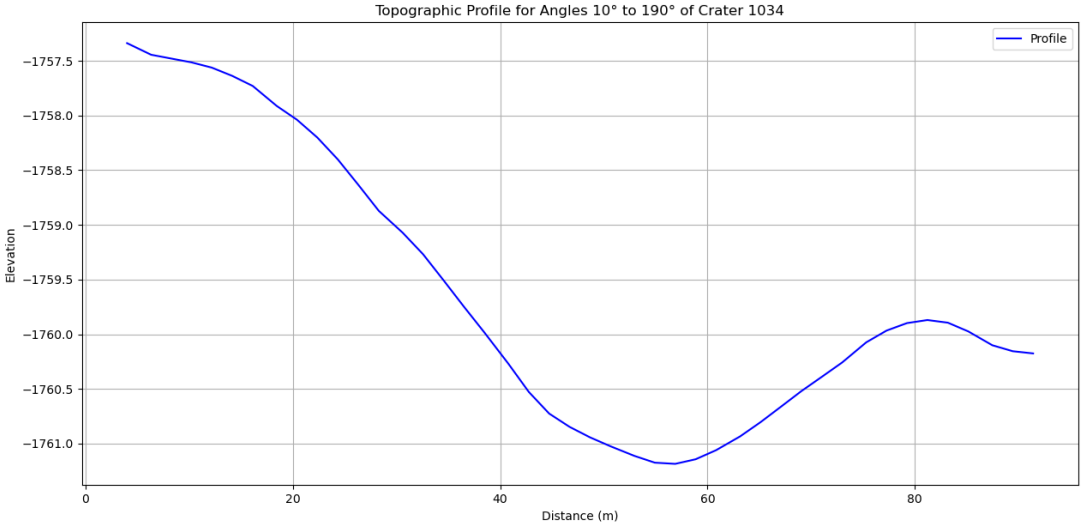
Topographic roughness index (TRI)

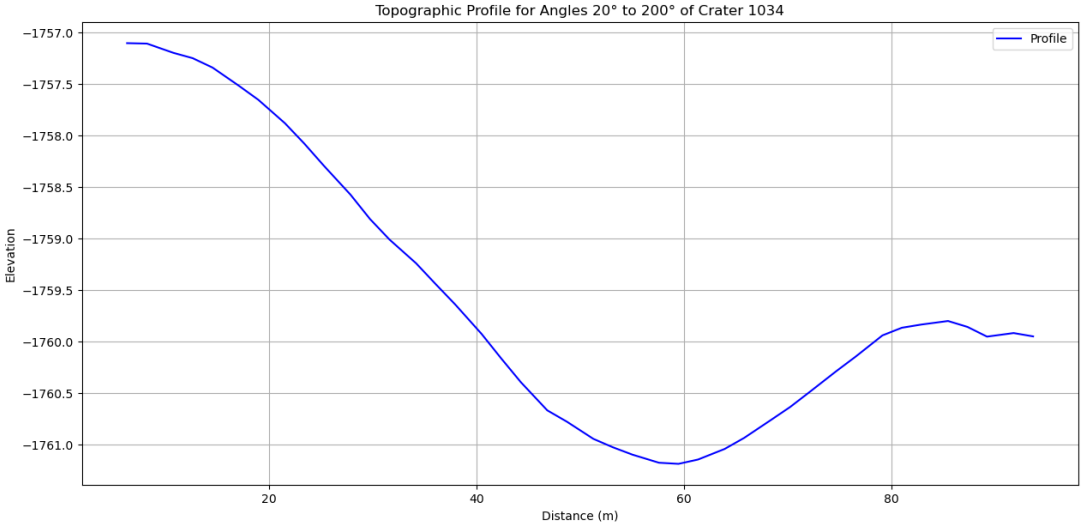
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

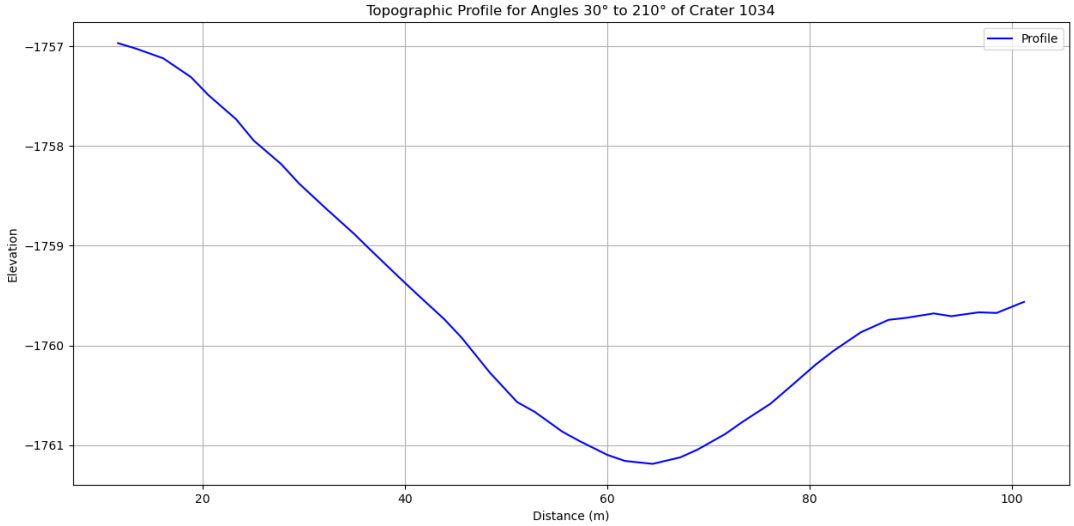


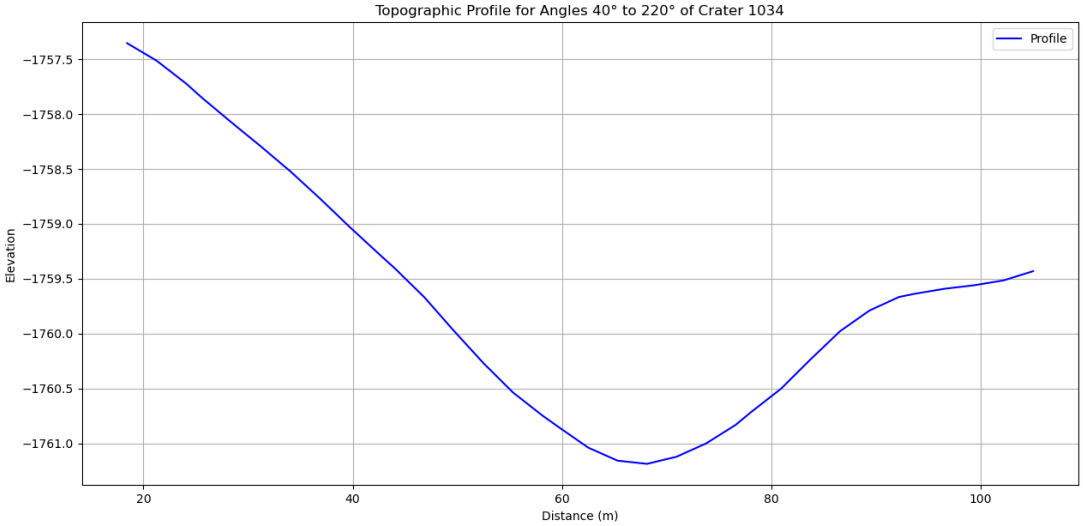
Topographic profiles

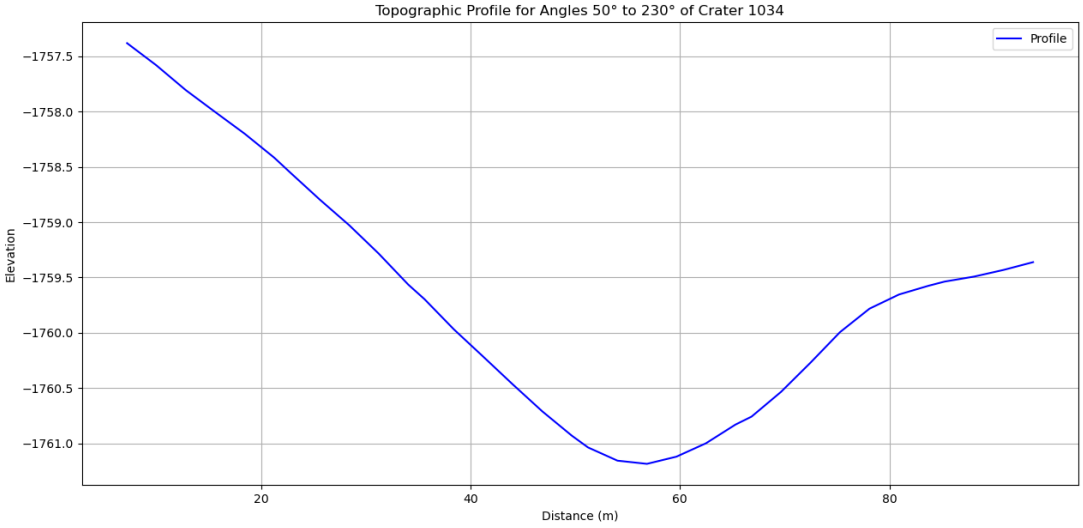


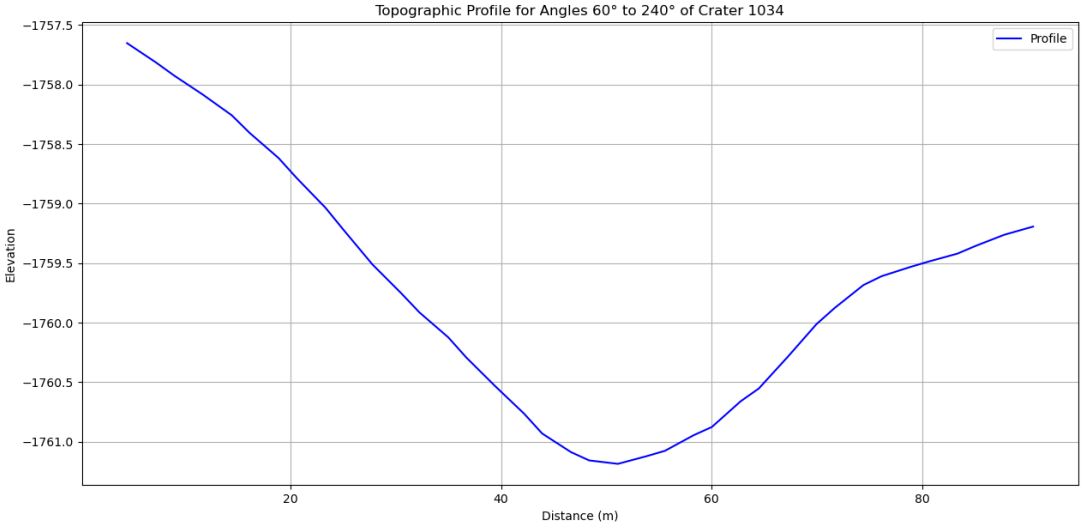

Topographic Profile for Angles 10° to 190° of Crater 1034
Profile
Elevation
Distance (m)
−1757.5
−1758.0
−1758.5
−1759.0
−1759.5
−1760.0
−1760.5
−1761.0
0
20
40
60
80

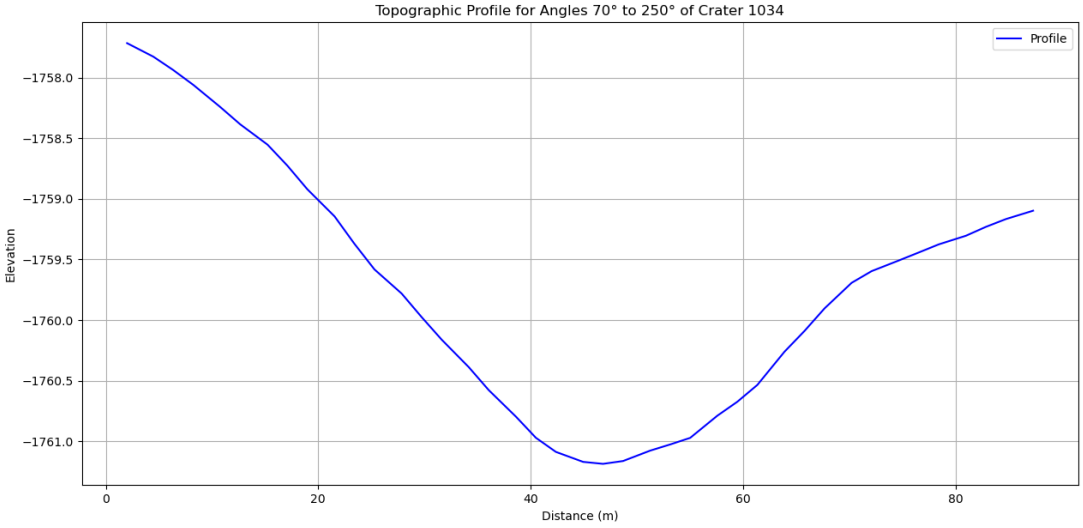

Topographic Profile for Angles 20° to 200° of Crater 1034
Profile
Elevation
Distance (m)
−1757.0
−1757.5
−1758.0
−1758.5
−1759.0
−1759.5
−1760.0
−1760.5
−1761.0
20
40
60
80

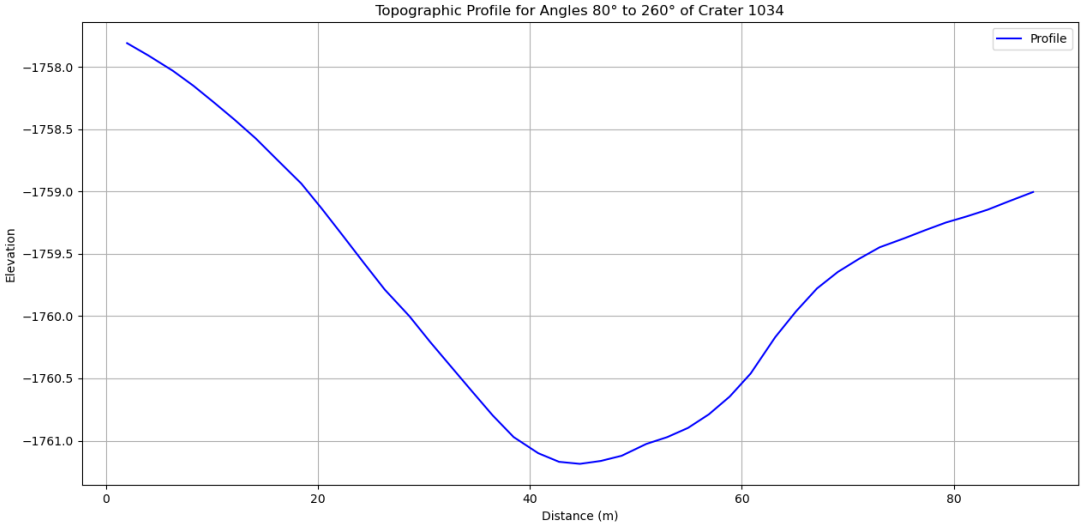

Topographic Profile for Angles 30° to 210° of Crater 1034
Profile
Elevation
−1757
−1758
−1759
−1760
−1761
20
40
60
80
100
Distance (m)

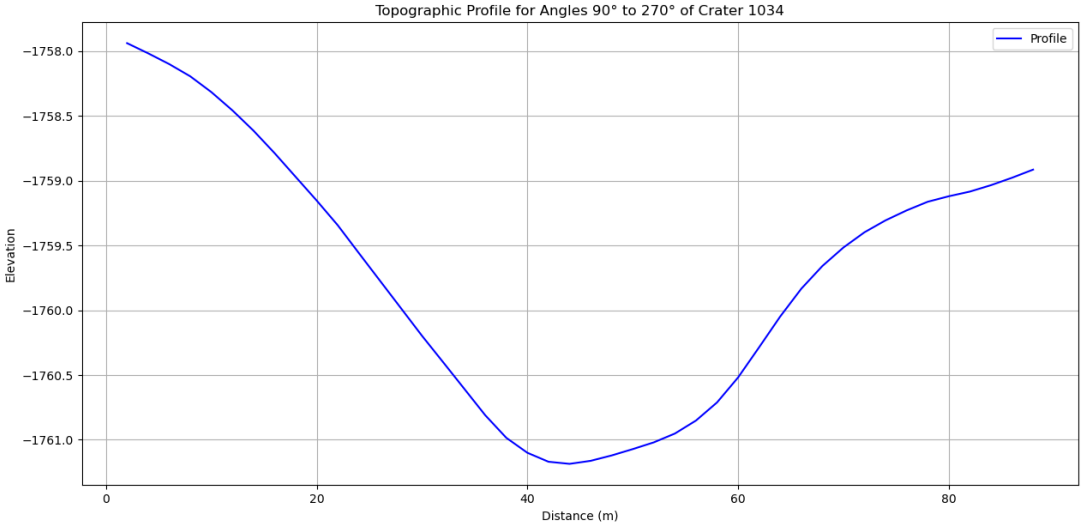

Topographic Profile for Angles 40° to 220° of Crater 1034
Profile
Elevation
−1757.5
−1758.0
−1758.5
−1759.0
−1759.5
−1760.0
−1760.5
−1761.0
20
40
60
80
100
Distance (m)

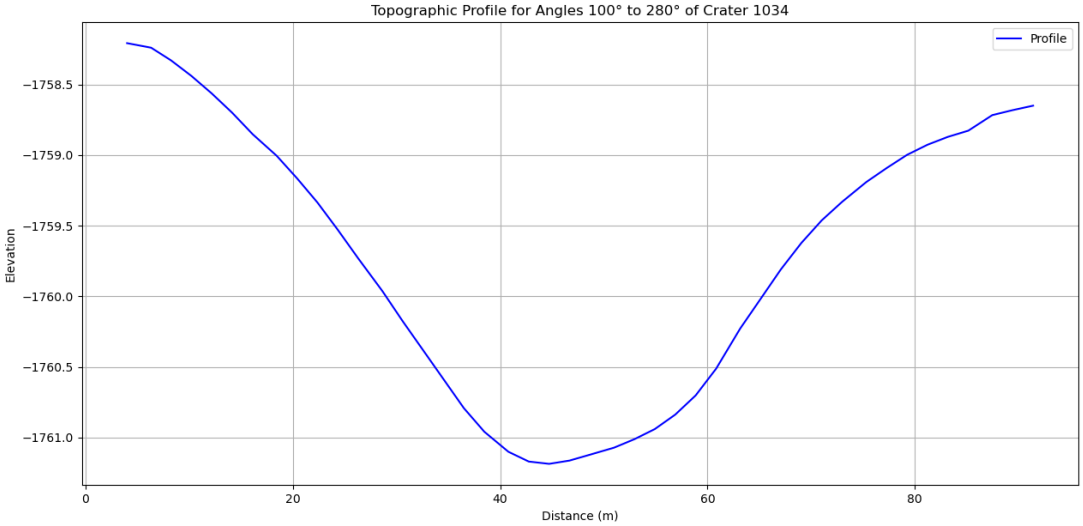

Topographic Profile for Angles 50° to 230° of Crater 1034
Profile
Elevation
−1757.5
−1758.0
−1758.5
−1759.0
−1759.5
−1760.0
−1760.5
−1761.0
20
40
60
80
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 1034
Profile
Elevation
−1757.5
−1758.0
−1758.5
−1759.0
−1759.5
−1760.0
−1760.5
−1761.0
20
40
60
80
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 1034
Profile
Elevation
−1758.0
−1758.5
−1759.0
−1759.5
−1760.0
−1760.5
−1761.0
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 1034
Profile
Elevation
−1758.0
−1758.5
−1759.0
−1759.5
−1760.0
−1760.5
−1761.0
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 1034
Profile
Elevation
−1758.0
−1758.5
−1759.0
−1759.5
−1760.0
−1760.5
−1761.0
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 1034
Profile
Elevation
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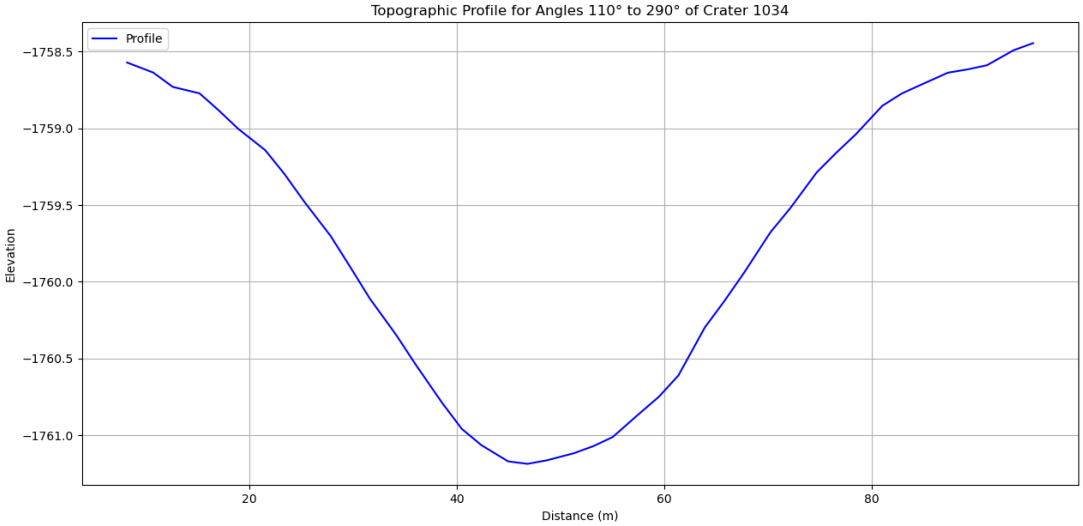
−1759.0
−1759.5
−1760.0
−1760.5
−1761.0
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 1034
Profile
Elevation
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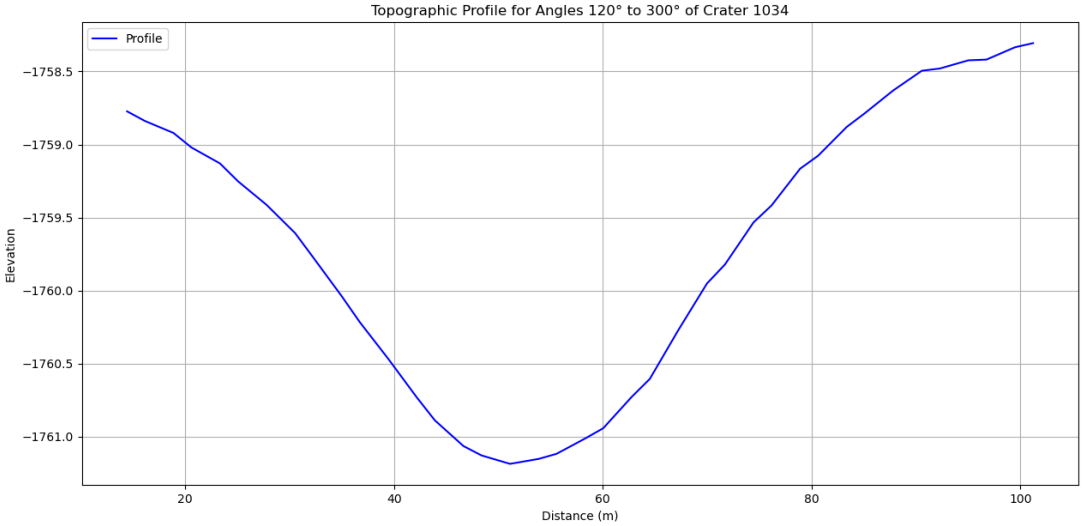
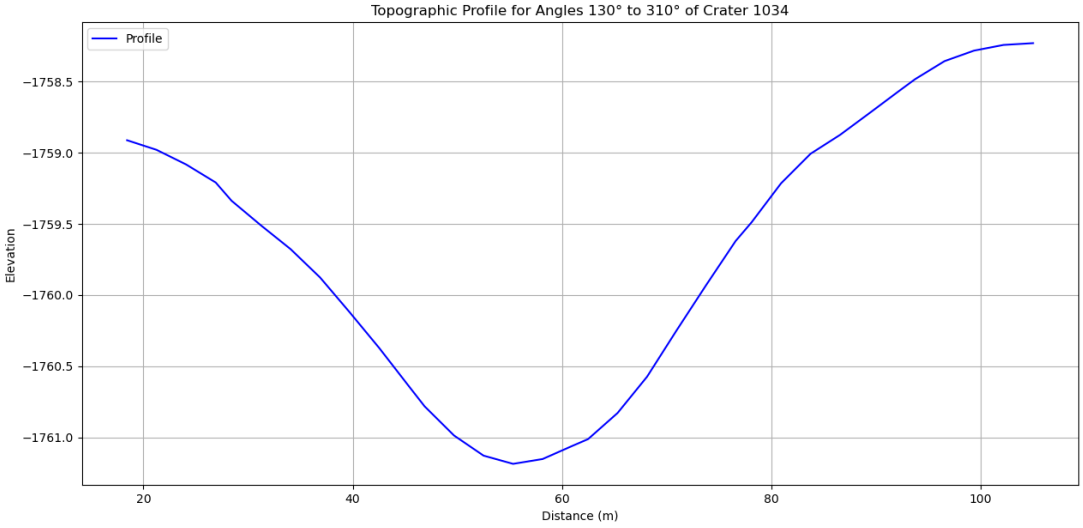
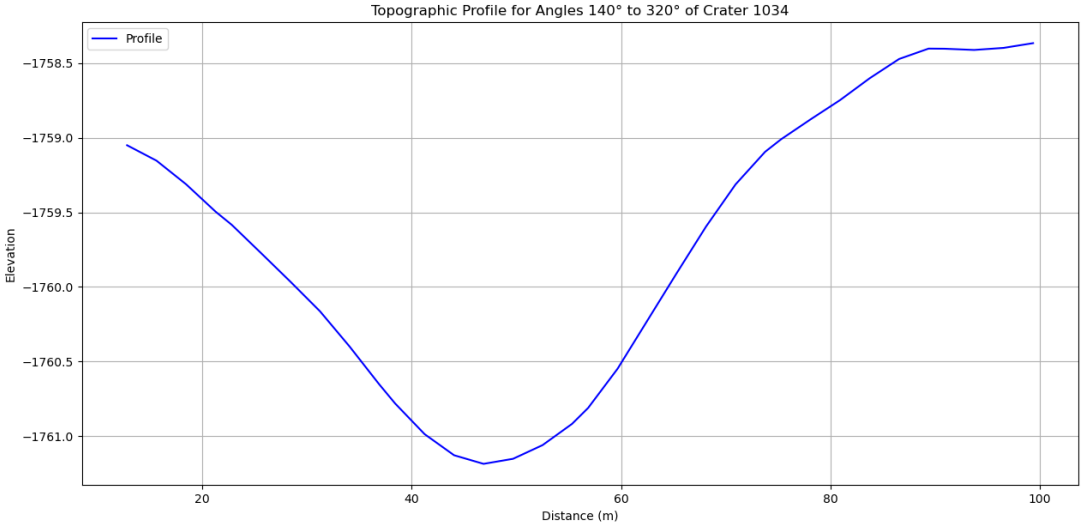
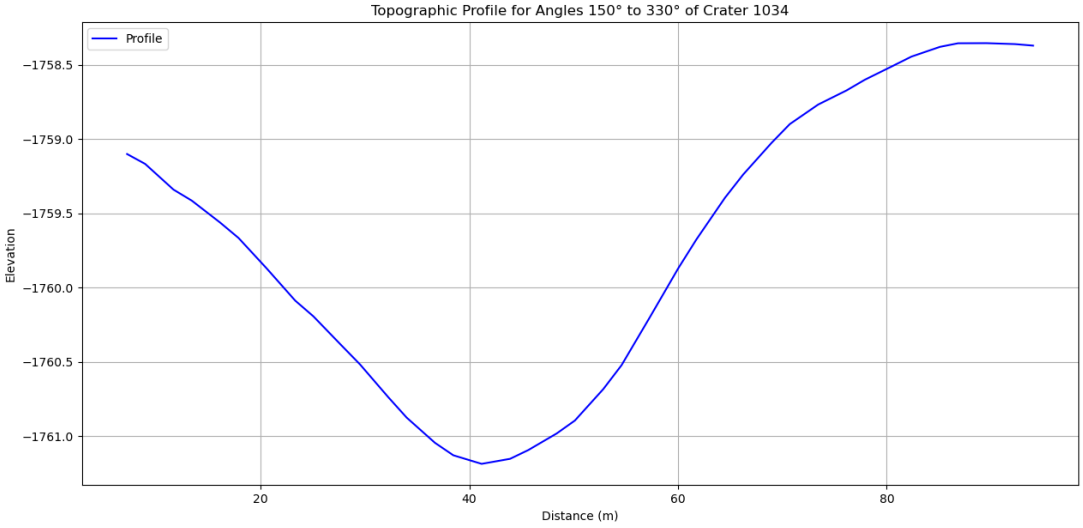
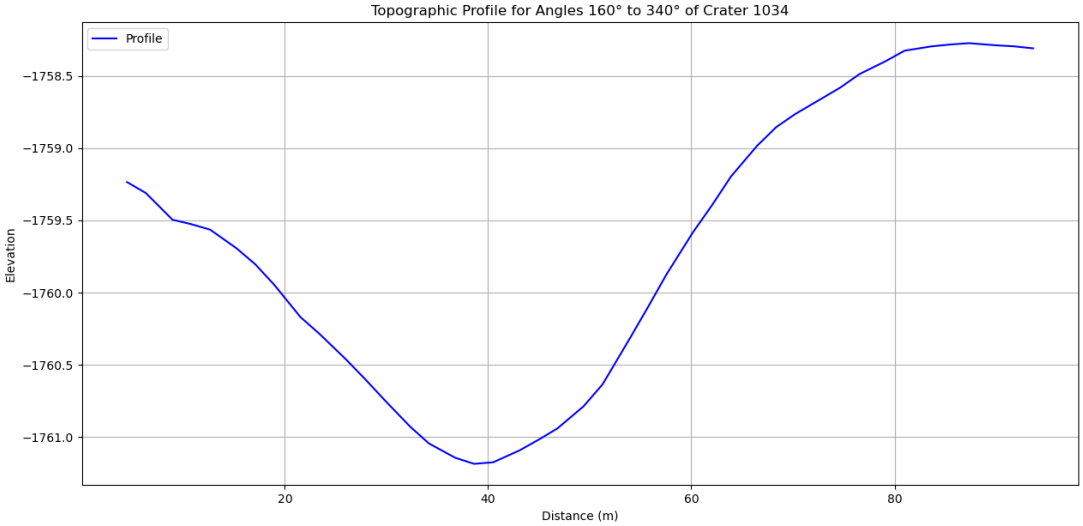
−1759.5
−1760.0
−1760.5
−1761.0
20
40
60
80
Distance (m)

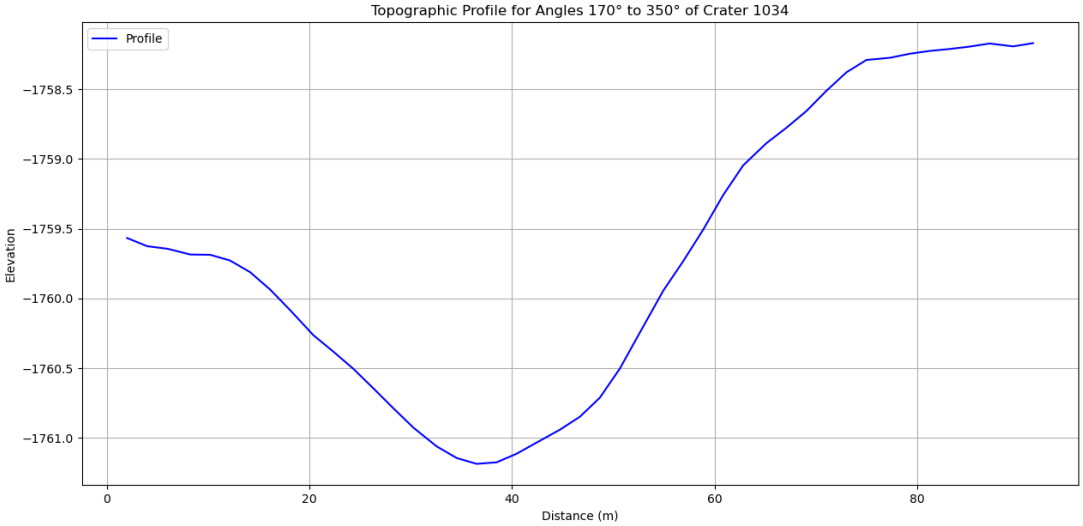

Topographic Profile for Angles 120° to 300° of Crater 1034
Profile
Elevation
−1758.5
−1759.0
−1759.5
−1760.0
−1760.5
−1761.0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 1034
Profile
−1758.5
−1759.0
−1759.5
−1760.0
−1760.5
−1761.0
Elevation
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 1034
Profile
−1758.5
−1759.0
−1759.5
−1760.0
−1760.5
−1761.0
Elevation
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 1034
Profile
−1758.5
−1759.0
−1759.5
−1760.0
−1760.5
−1761.0
Elevation
20
40
60
80
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 1034
Profile
−1758.5
−1759.0
−1759.5
−1760.0
−1760.5
−1761.0
Elevation
20
40
60
80
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 1034
Profile
Elevation
−1758.5
−1759.0
−1759.5
−1760.0
−1760.5
−1761.0
0
20
40
60
80
Distance (m)