Crater report 288 of RG2

General information

ID : 288

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 102m ± 5.0m

Mean depht : 6.2m ± 0.3m

d/D ratio : 0.061 ± 0.004

Circularity index : 0.93

Mean slope : 7.53°

Mean value of TRI on the rim crest : 0.08

Geometric center coordinates : (3657040.630787335, 233748.89264554062)

Coordinates of the crater's lowest point : (3657063.0000011004, 233755.000000069)

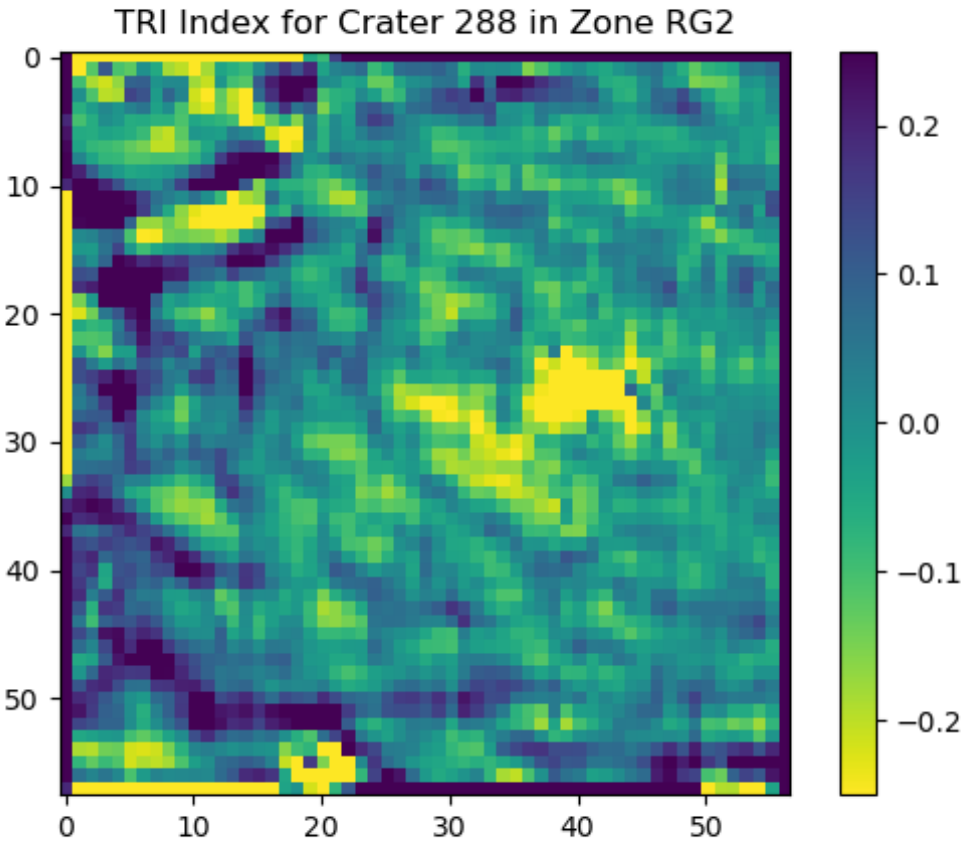
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	8.72	0.57
10°	8.6	0.54
20°	8.73	0.52
30°	9.55	0.48
40°	10.38	0.42
50°	10.29	0.44
60°	9.76	0.48
70°	9.71	0.52
80°	9.48	0.54
90°	9.8	0.57
100°	9.28	0.54
110°	8.71	0.51

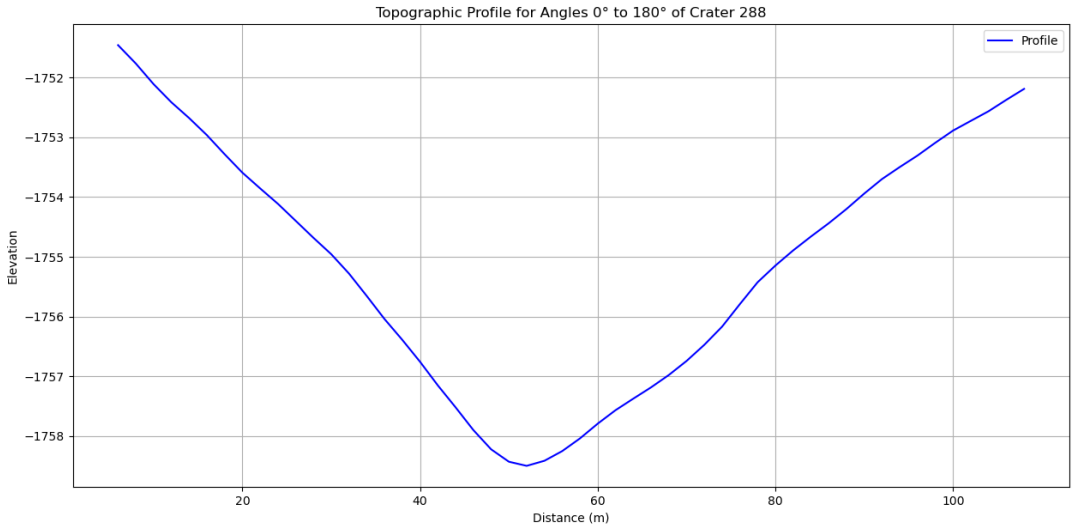
120°	8.19	0.48
130°	7.99	0.44
140°	7.66	0.43
150°	7.13	0.48
160°	6.68	0.52
170°	6.61	0.55
180°	6.78	0.57
190°	6.43	0.55
200°	6.32	0.52
210°	6.0	0.48
220°	5.88	0.43
230°	5.63	0.44
240°	5.59	0.48
250°	5.59	0.51
260°	5.95	0.54
270°	6.44	0.57
280°	6.16	0.54
290°	5.85	0.52
300°	6.08	0.48
310°	6.48	0.43
320°	6.81	0.43
330°	6.78	0.48
340°	7.36	0.52
350°	7.72	0.54

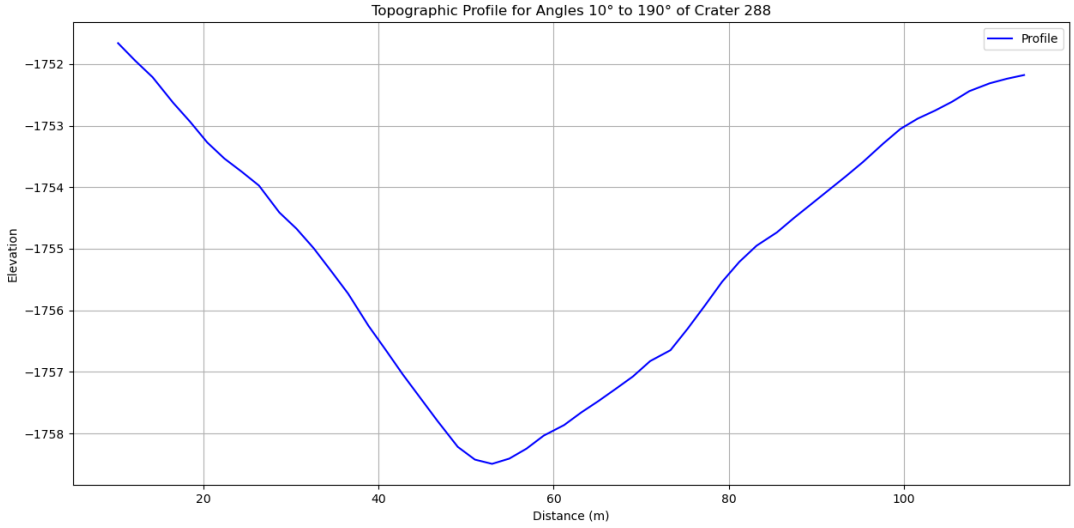
Topographic roughness index (TRI)

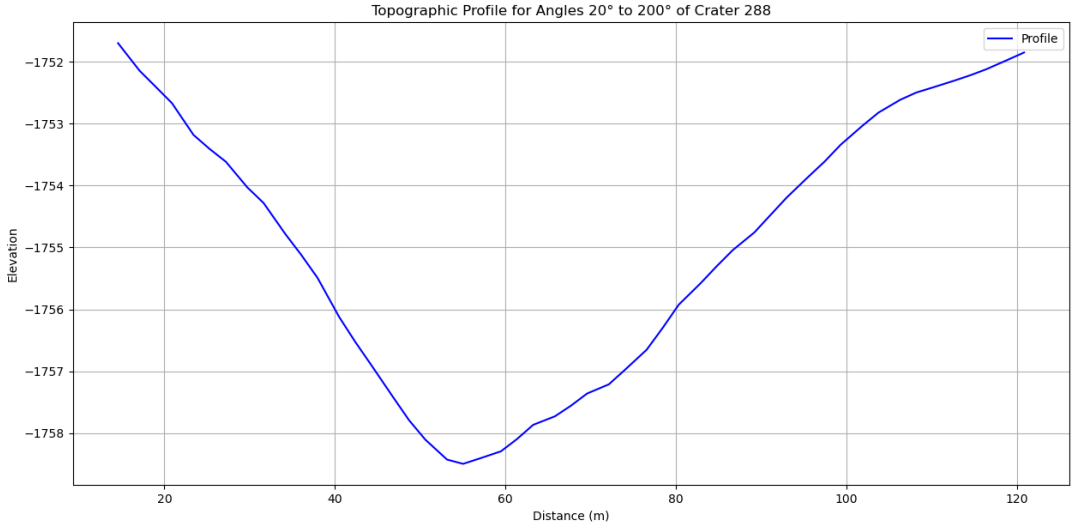
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

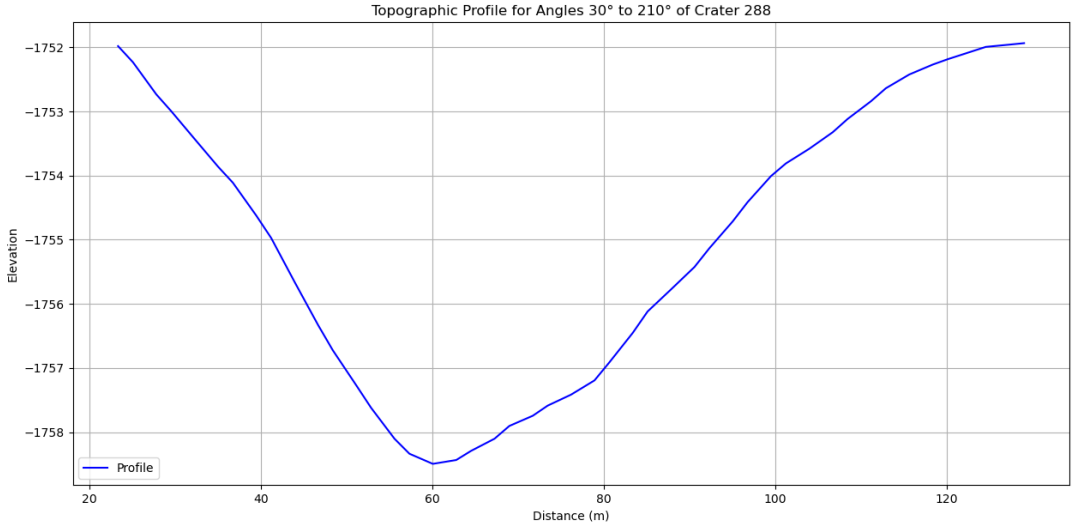


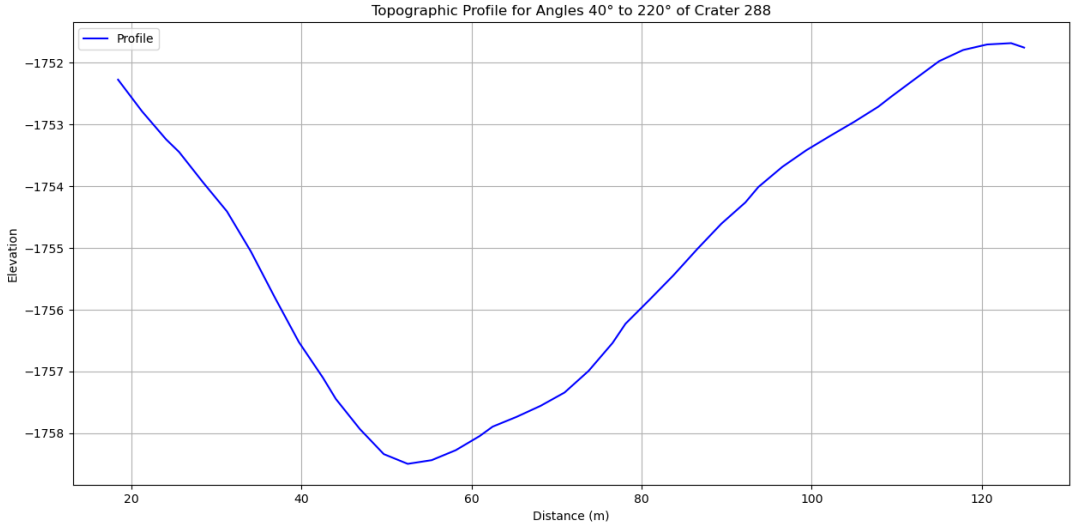
Topographic profiles

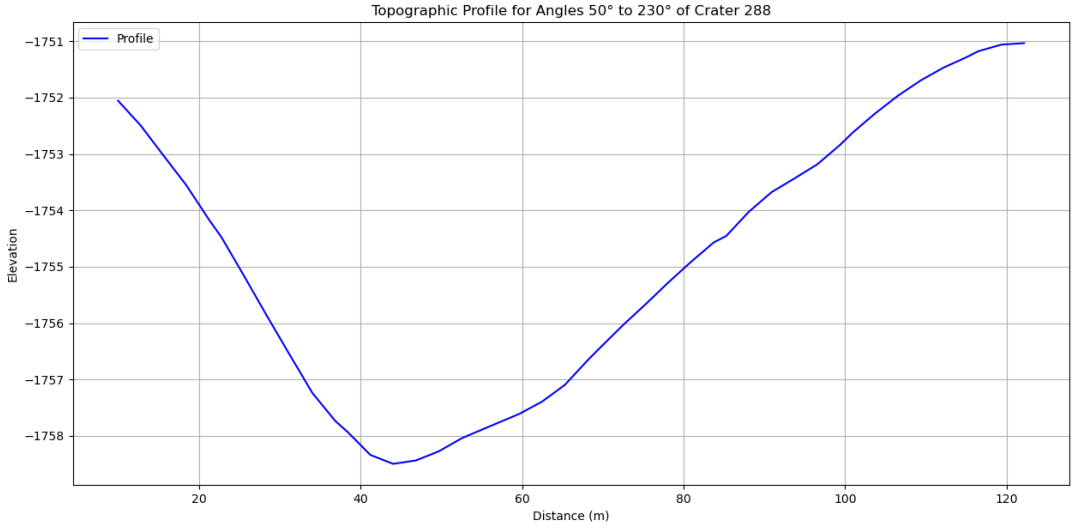


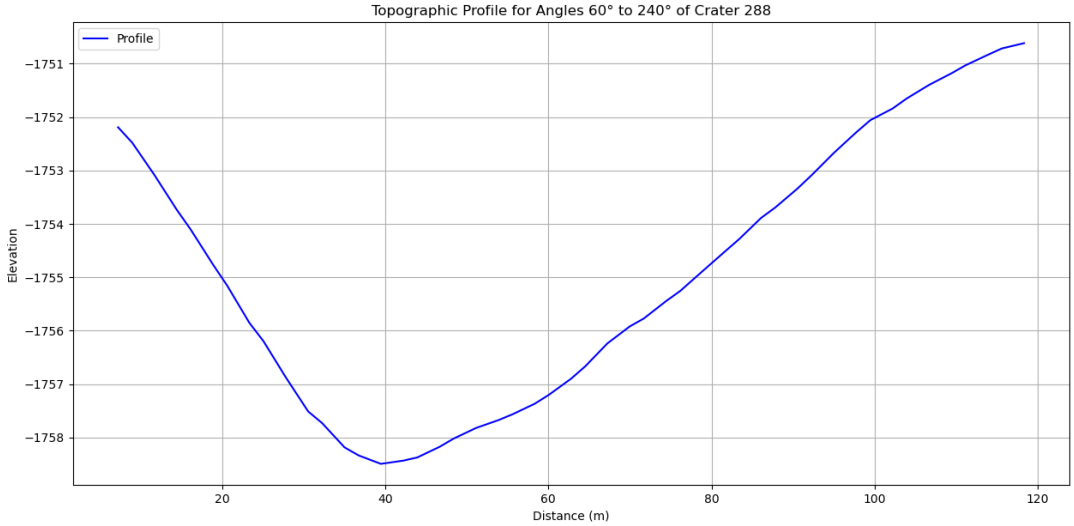

Topographic Profile for Angles 10° to 190° of Crater 288
Profile
Elevation
−1752
−1753
−1754
−1755
−1756
−1757
−1758
20
40
60
80
100
Distance (m)

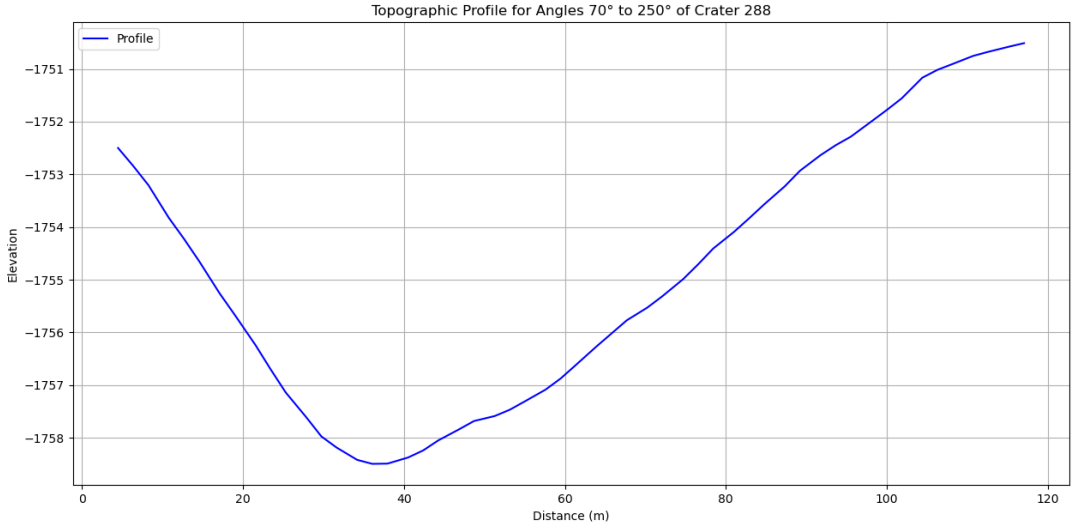

Topographic Profile for Angles 20° to 200° of Crater 288
Profile
Elevation
−1752
−1753
−1754
−1755
−1756
−1757
−1758
20
40
60
80
100
120
Distance (m)

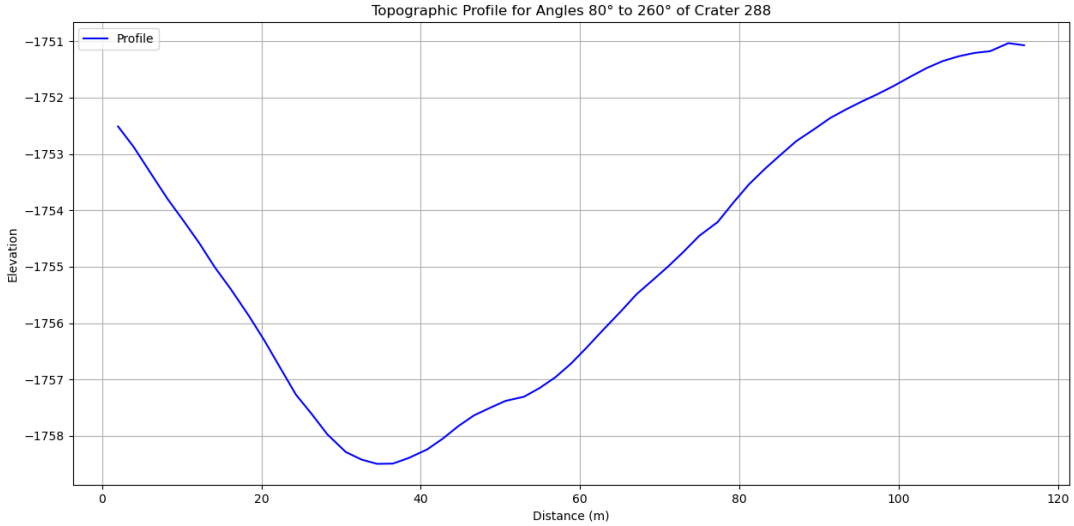

Topographic Profile for Angles 30° to 210° of Crater 288
Elevation
−1752
−1753
−1754
−1755
−1756
−1757
−1758
Profile
20
40
60
80
100
120
Distance (m)

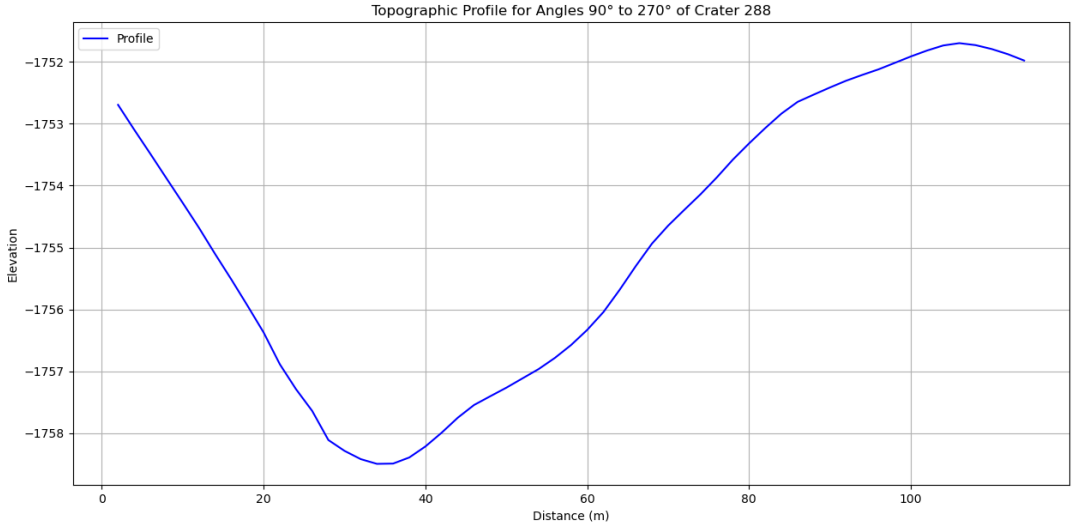

Topographic Profile for Angles 40° to 220° of Crater 288
Profile
Elevation
−1752
−1753
−1754
−1755
−1756
−1757
−1758
20
40
60
80
100
120
Distance (m)

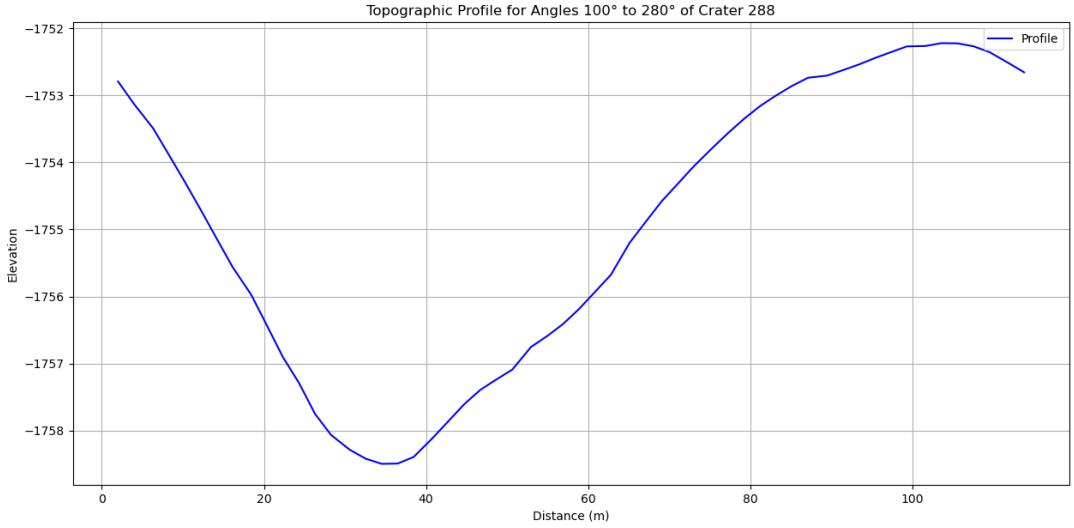

Topographic Profile for Angles 50° to 230° of Crater 288
Profile
Elevation
−1751
−1752
−1753
−1754
−1755
−1756
−1757
−1758
20
40
60
80
100
120
Distance (m)

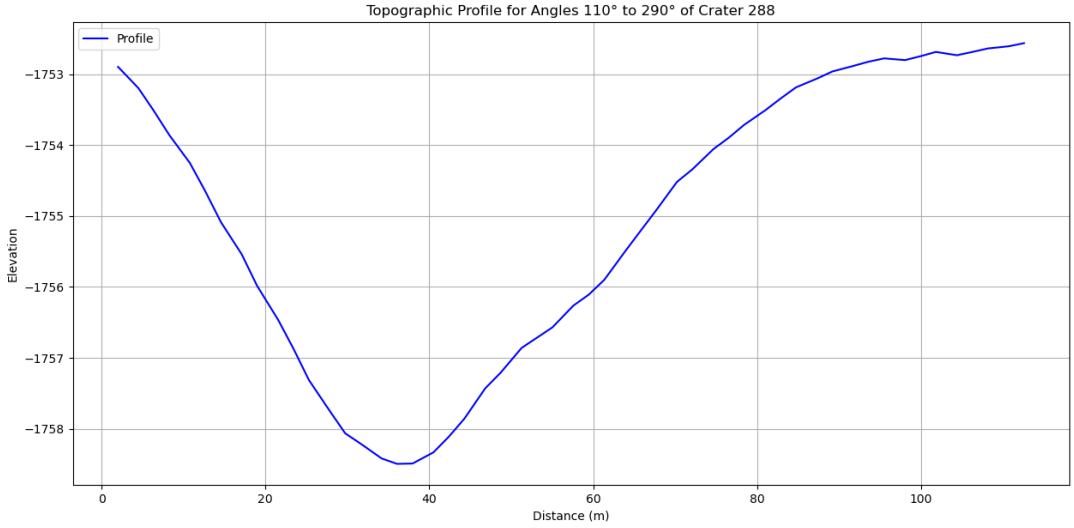

Topographic Profile for Angles 60° to 240° of Crater 288
Profile
Elevation
−1751
−1752
−1753
−1754
−1755
−1756
−1757
−1758
20
40
60
80
100
120
Distance (m)

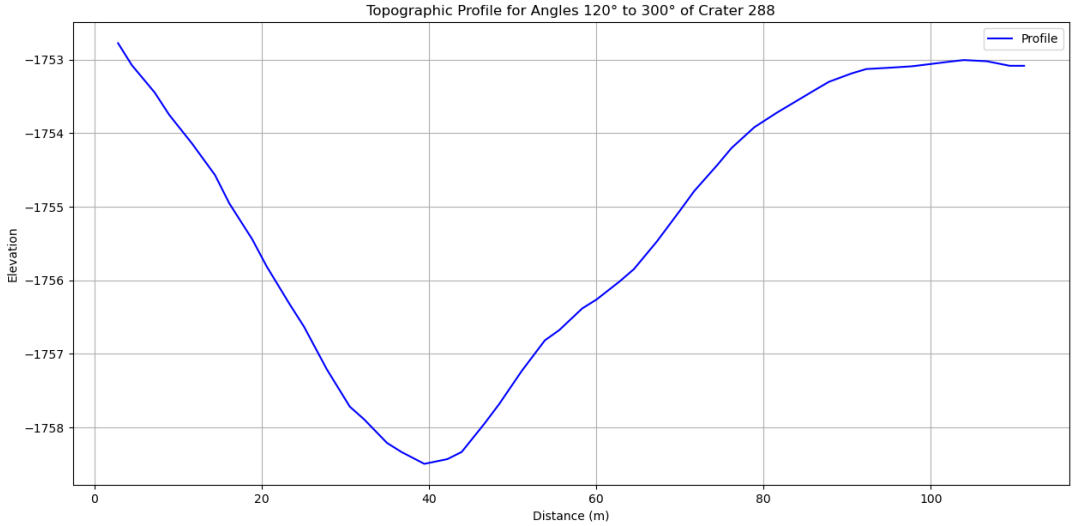

Topographic Profile for Angles 70° to 250° of Crater 288
Profile
Elevation
−1751
−1752
−1753
−1754
−1755
−1756
−1757
−1758
0
20
40
60
80
100
120
Distance (m)

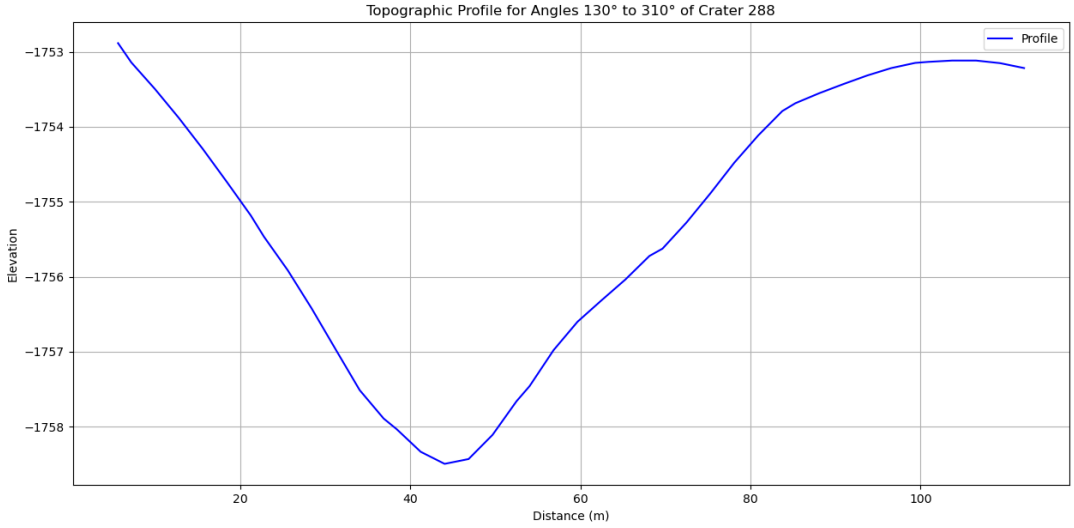

Topographic Profile for Angles 80° to 260° of Crater 288
Profile
Elevation
−1751
−1752
−1753
−1754
−1755
−1756
−1757
−1758
0
20
40
60
80
100
120
Distance (m)

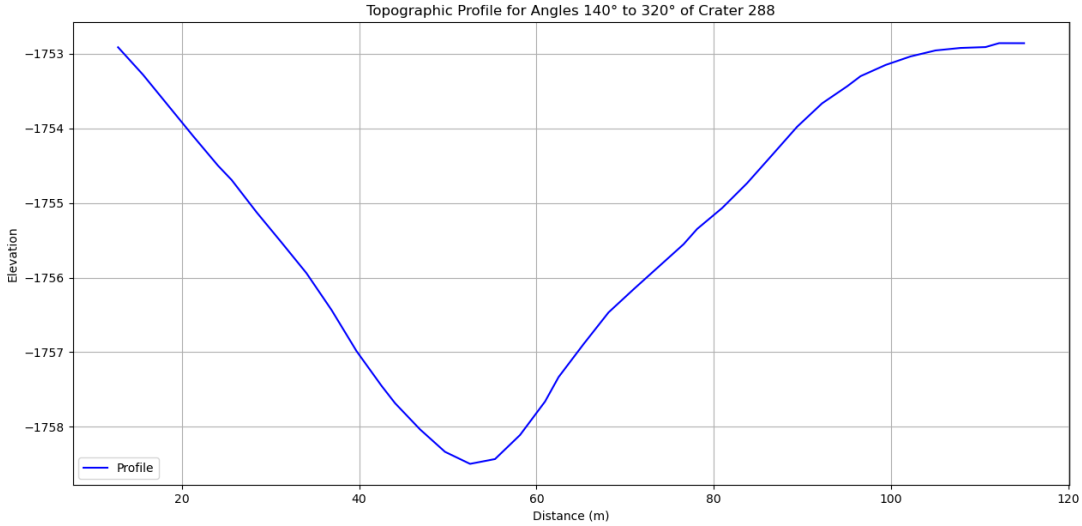

Topographic Profile for Angles 90° to 270° of Crater 288
Profile
Elevation
−1752
−1753
−1754
−1755
−1756
−1757
−1758
0
20
40
60
80
100
Distance (m)

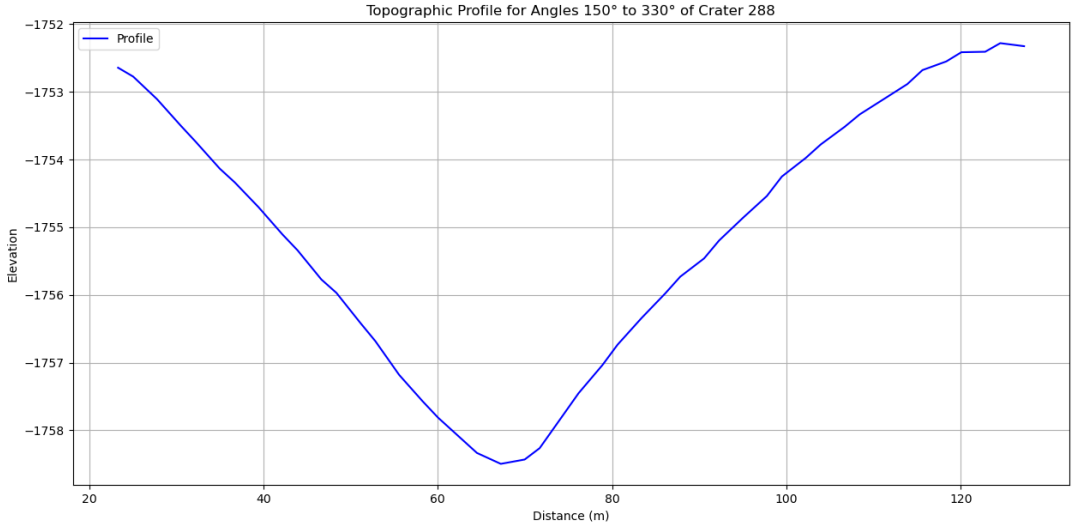

Topographic Profile for Angles 100° to 280° of Crater 288
Profile
Elevation
−1752
−1753
−1754
−1755
−1756
−1757
−1758
0
20
40
60
80
100
Distance (m)

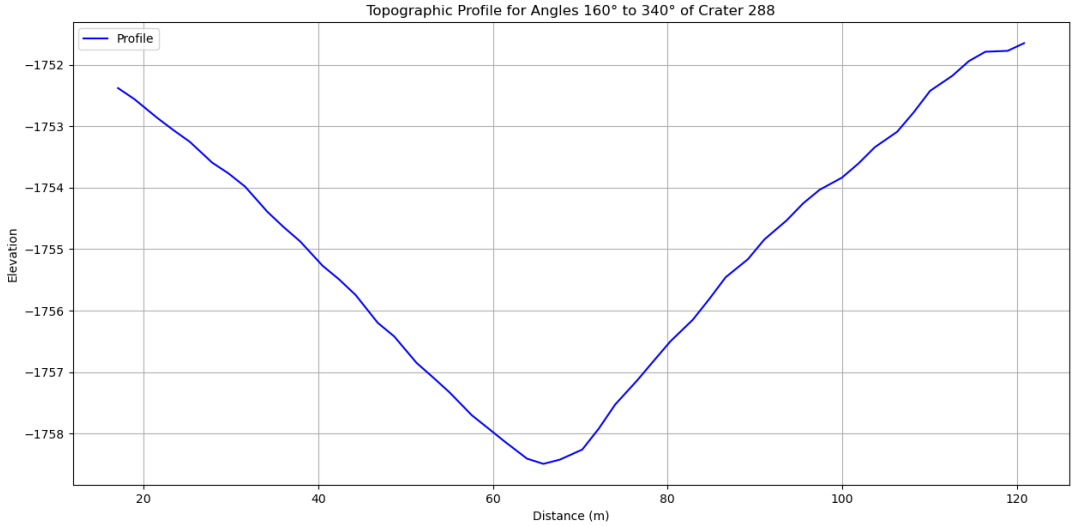

Topographic Profile for Angles 110° to 290° of Crater 288
Profile
Elevation
−1753
−1754
−1755
−1756
−1757
−1758
0
20
40
60
80
100
Distance (m)

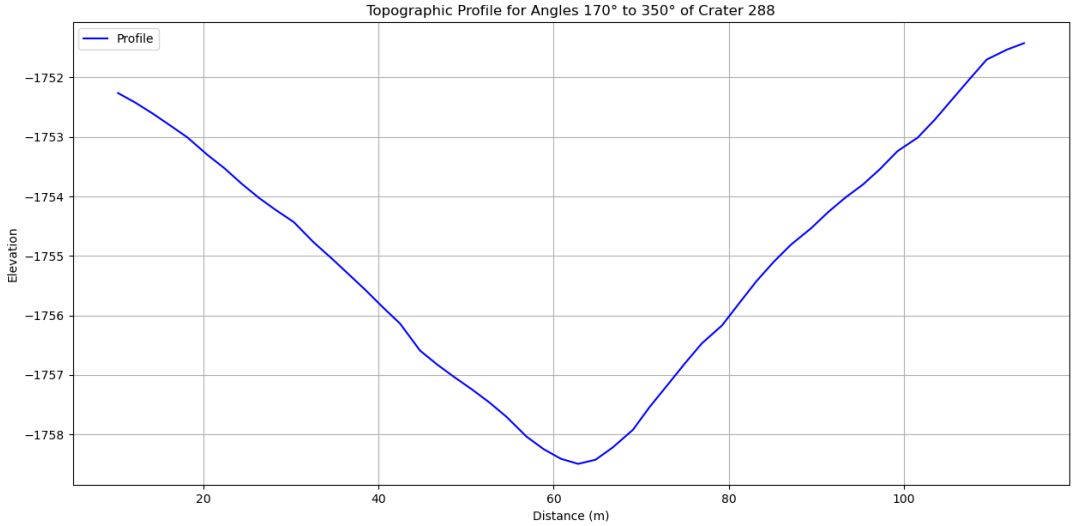

Topographic Profile for Angles 120° to 300° of Crater 288
Profile
Elevation
−1753
−1754
−1755
−1756
−1757
−1758
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 288
Profile
Elevation
−1753
−1754
−1755
−1756
−1757
−1758
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 288
Profile
Elevation
−1753
−1754
−1755
−1756
−1757
−1758
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 288
Profile
Elevation
Distance (m)
−1752
−1753
−1754
−1755
−1756
−1757
−1758
20
40
60
80
100
120


Topographic Profile for Angles 160° to 340° of Crater 288
Profile
Elevation
Distance (m)
−1752
−1753
−1754
−1755
−1756
−1757
−1758
20
40
60
80
100
120


Topographic Profile for Angles 170° to 350° of Crater 288
Profile
Elevation
−1752
−1753
−1754
−1755
−1756
−1757
−1758
20
40
60
80
100
Distance (m)