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

Slope : Between 6.08° et 12.66°

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)

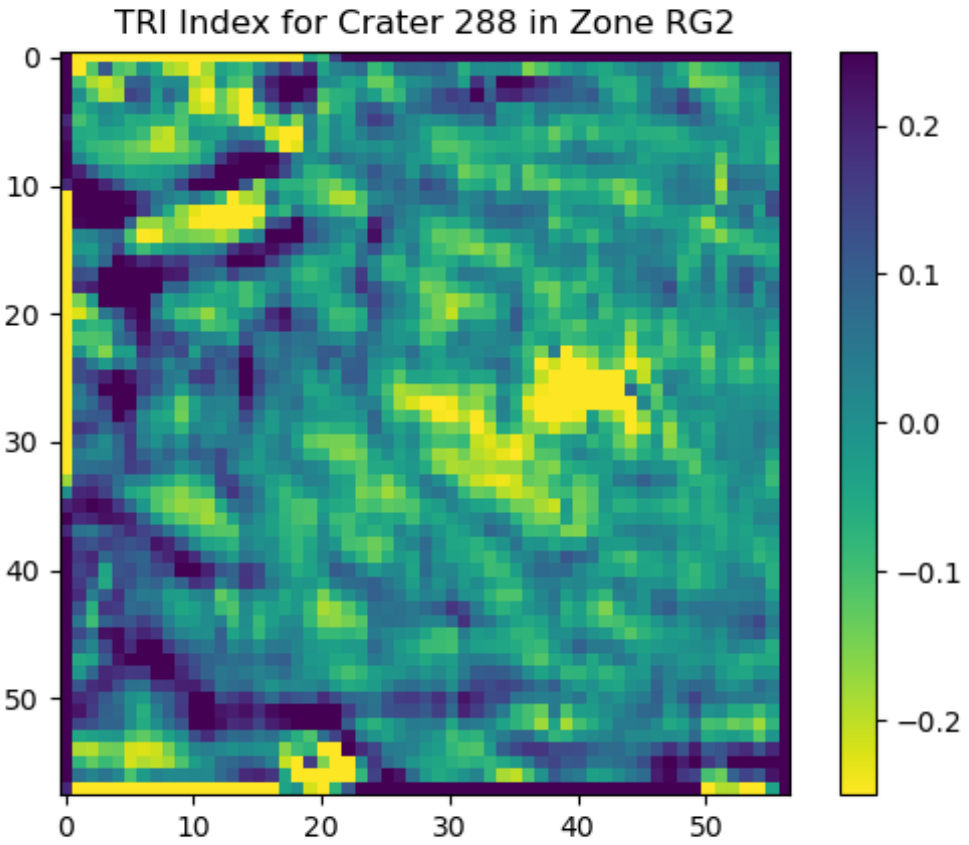
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	9.14	0.57
10°	9.05	0.55
20°	9.26	0.52
30°	10.63	0.47
40°	12.14	0.4
50°	12.66	0.43
60°	12.06	0.48
70°	11.98	0.53
80°	11.67	0.55
90°	11.93	0.57
100°	11.62	0.55
110°	11.26	0.52

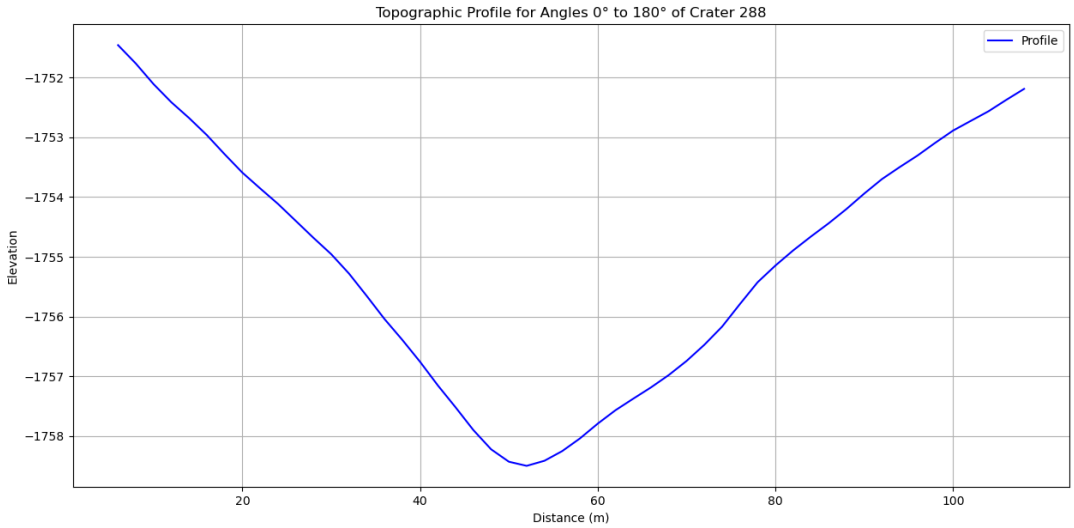
120°	10.27	0.48
130°	9.55	0.43
140°	8.61	0.42
150°	7.68	0.48
160°	7.11	0.52
170°	7.09	0.55
180°	7.49	0.57
190°	7.26	0.55
200°	7.64	0.52
210°	7.46	0.48
220°	7.16	0.43
230°	6.76	0.44
240°	6.89	0.48
250°	6.73	0.51
260°	7.42	0.54
270°	7.67	0.57
280°	6.84	0.54
290°	6.08	0.52
300°	6.25	0.48
310°	6.82	0.42
320°	6.93	0.42
330°	6.93	0.47
340°	7.56	0.52
350°	7.97	0.54

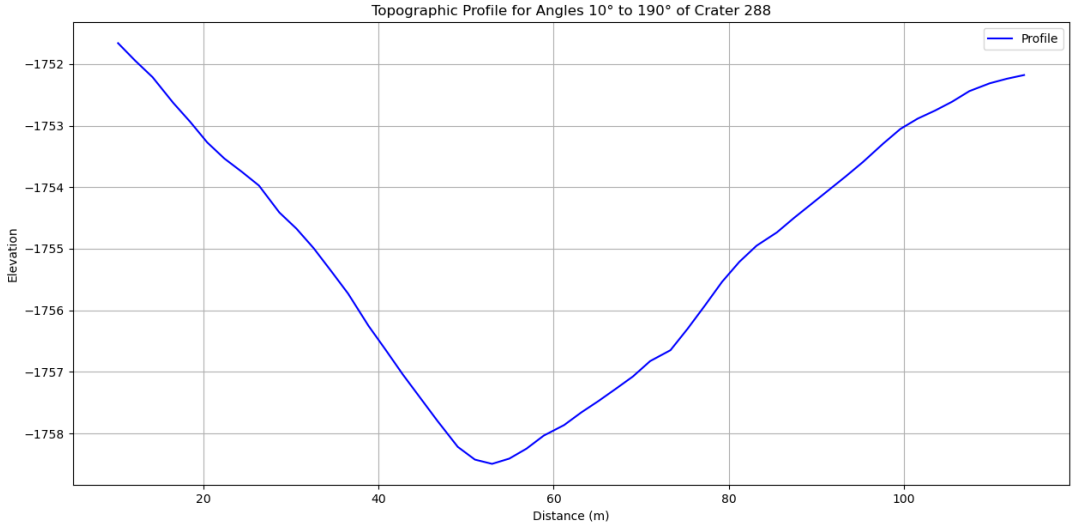
Topographic roughness index (TRI)

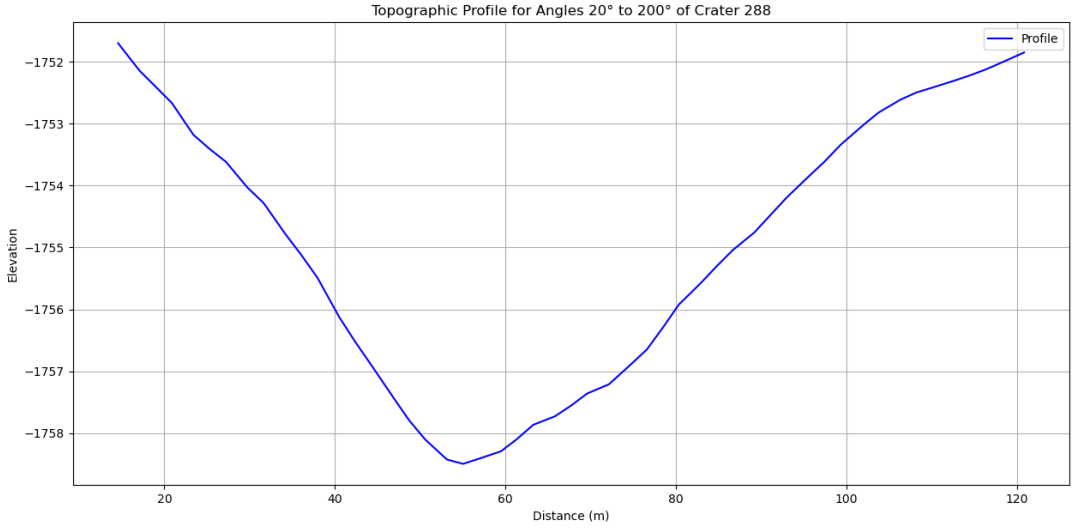
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

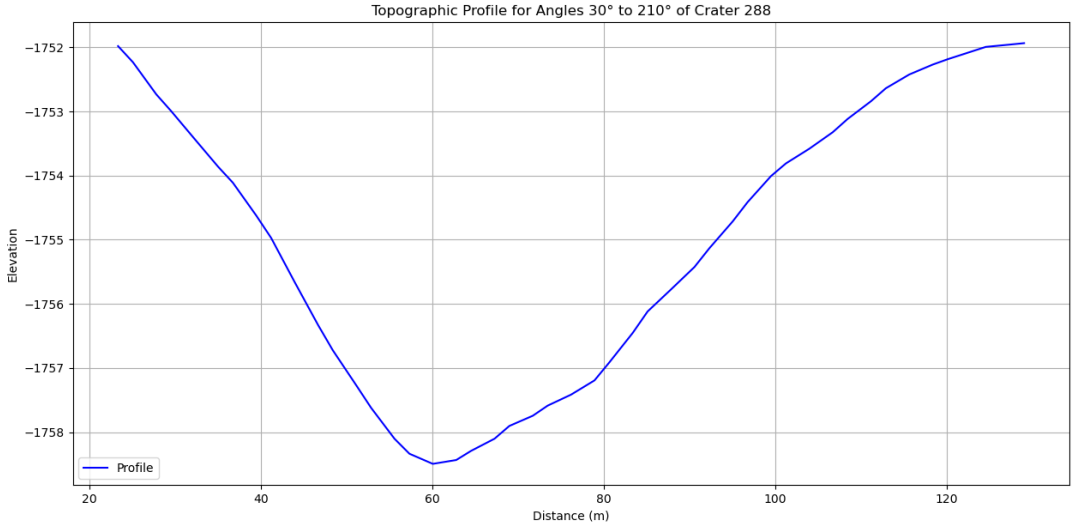


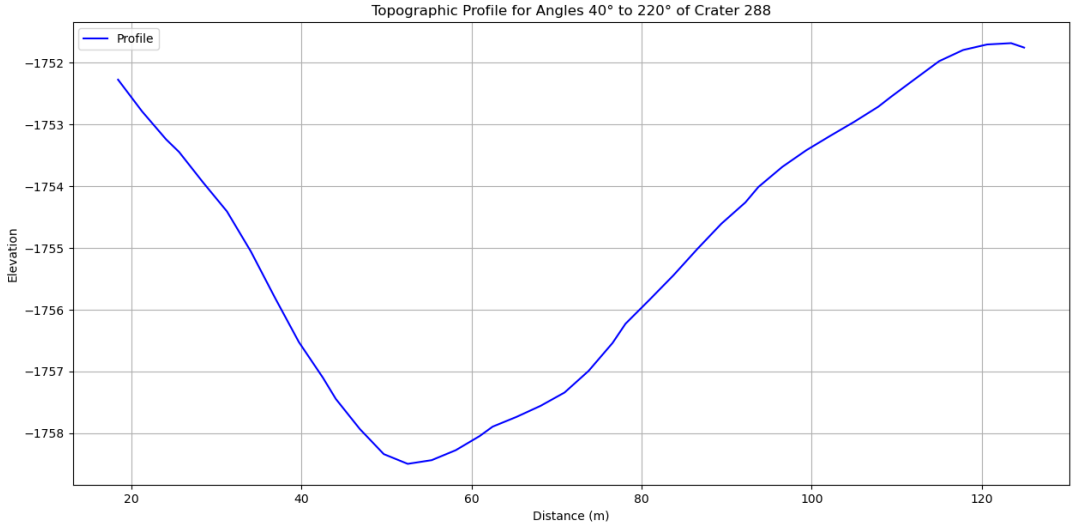
Topographic profiles

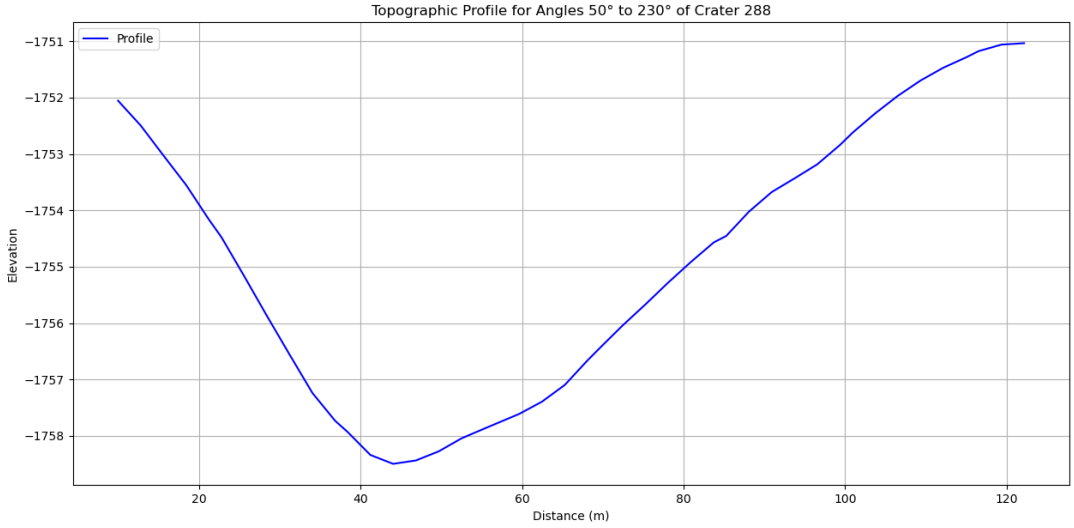


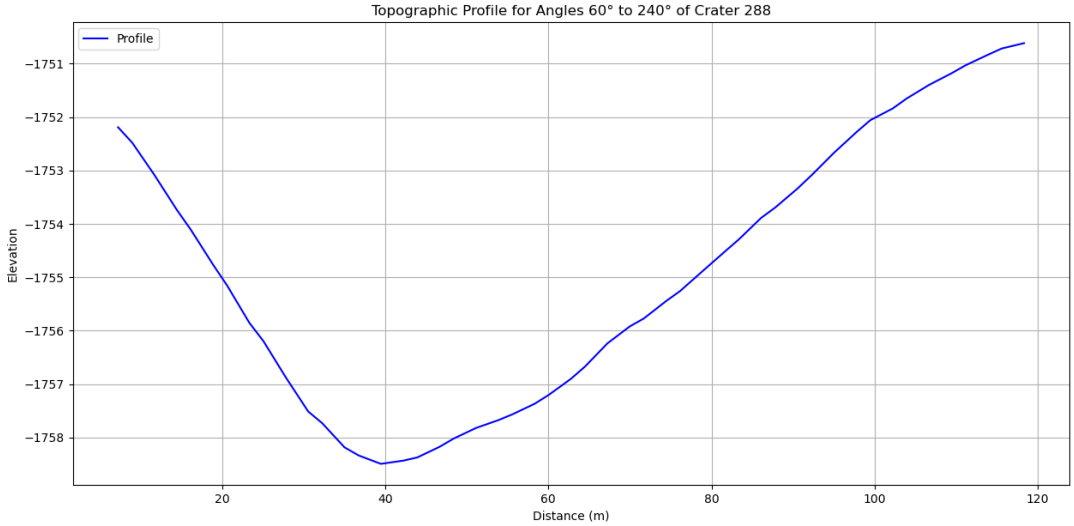

Topographic Profile for Angles 10° to 190° of Crater 288
Profile
Elevation
−1752
−1753
−1754
−1755
−1756
−1757
−1758
20
40
60
80
100
Distance (m)

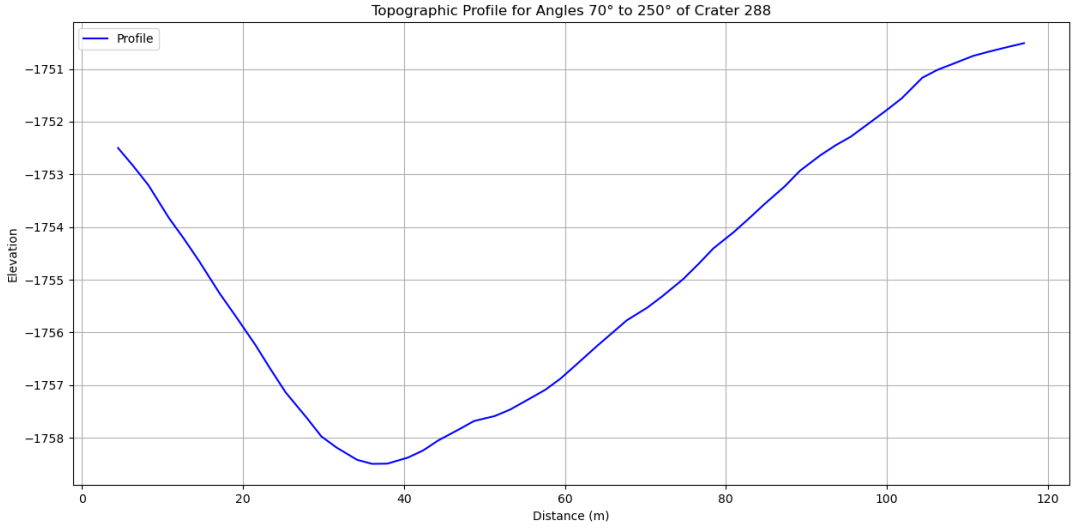

Topographic Profile for Angles 20° to 200° of Crater 288
Profile
Elevation
−1752
−1753
−1754
−1755
−1756
−1757
−1758
20
40
60
80
100
120
Distance (m)

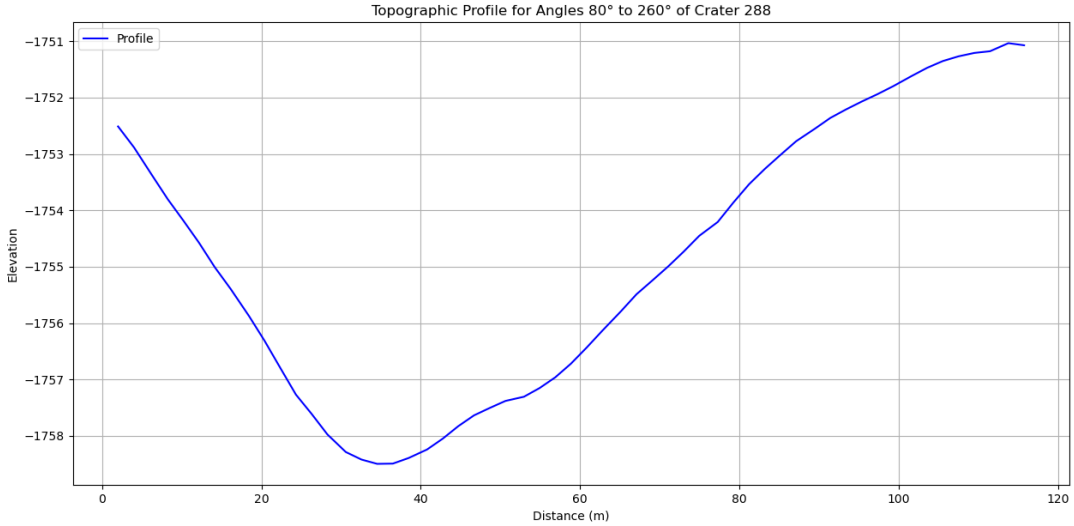

Topographic Profile for Angles 30° to 210° of Crater 288
Elevation
−1752
−1753
−1754
−1755
−1756
−1757
−1758
Profile
20
40
60
80
100
120
Distance (m)

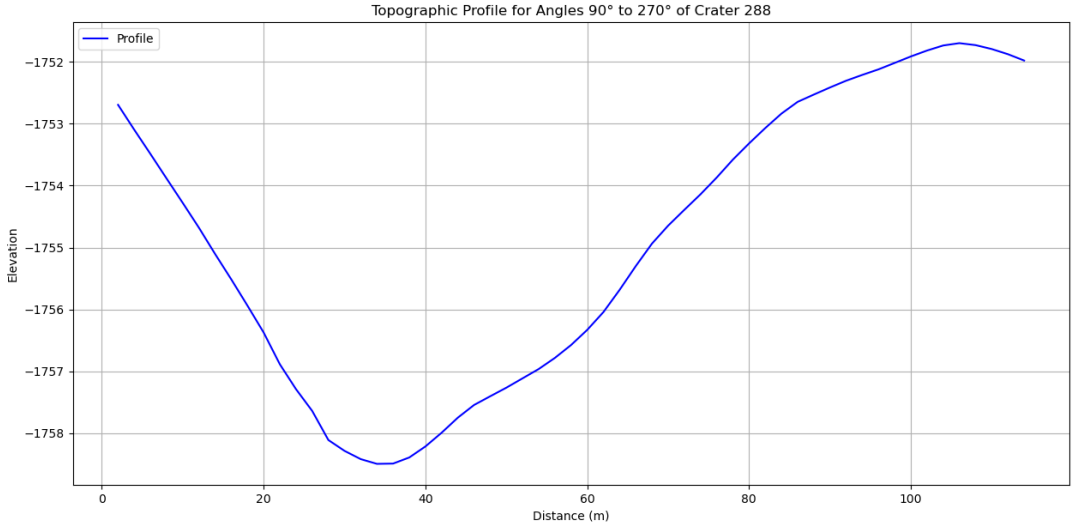

Topographic Profile for Angles 40° to 220° of Crater 288
Profile
Elevation
−1752
−1753
−1754
−1755
−1756
−1757
−1758
20
40
60
80
100
120
Distance (m)

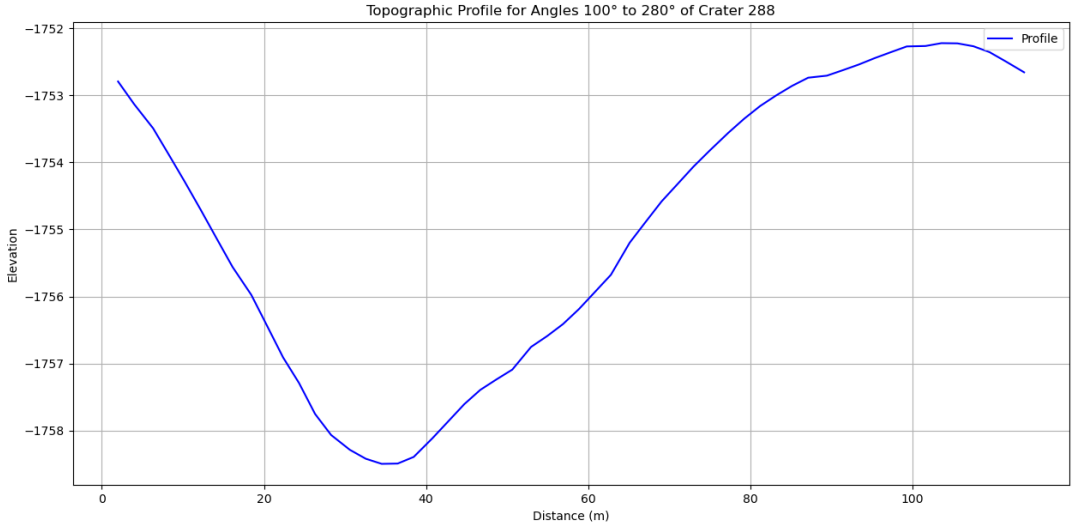

Topographic Profile for Angles 50° to 230° of Crater 288
Profile
Elevation
−1751
−1752
−1753
−1754
−1755
−1756
−1757
−1758
20
40
60
80
100
120
Distance (m)

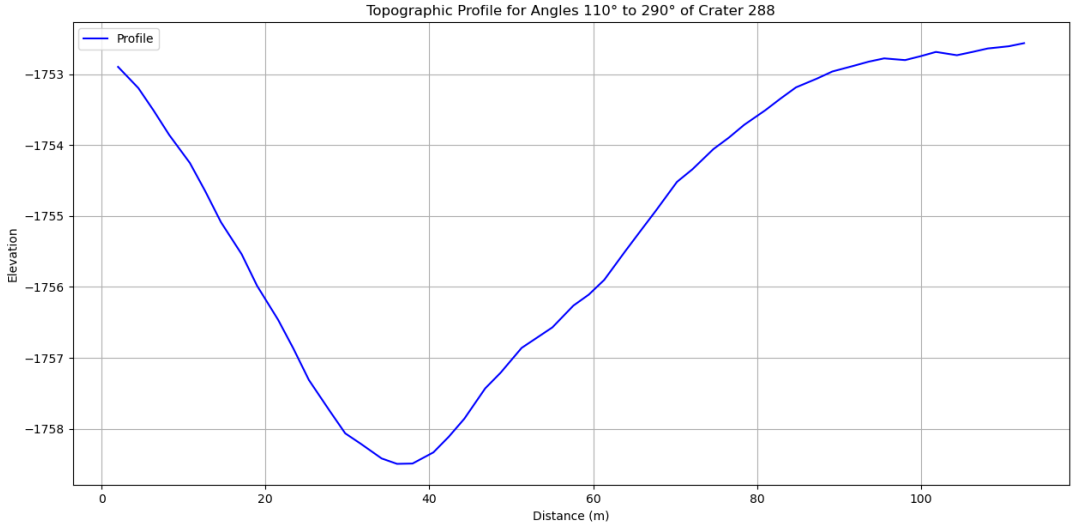

Topographic Profile for Angles 60° to 240° of Crater 288
Profile
Elevation
−1751
−1752
−1753
−1754
−1755
−1756
−1757
−1758
20
40
60
80
100
120
Distance (m)

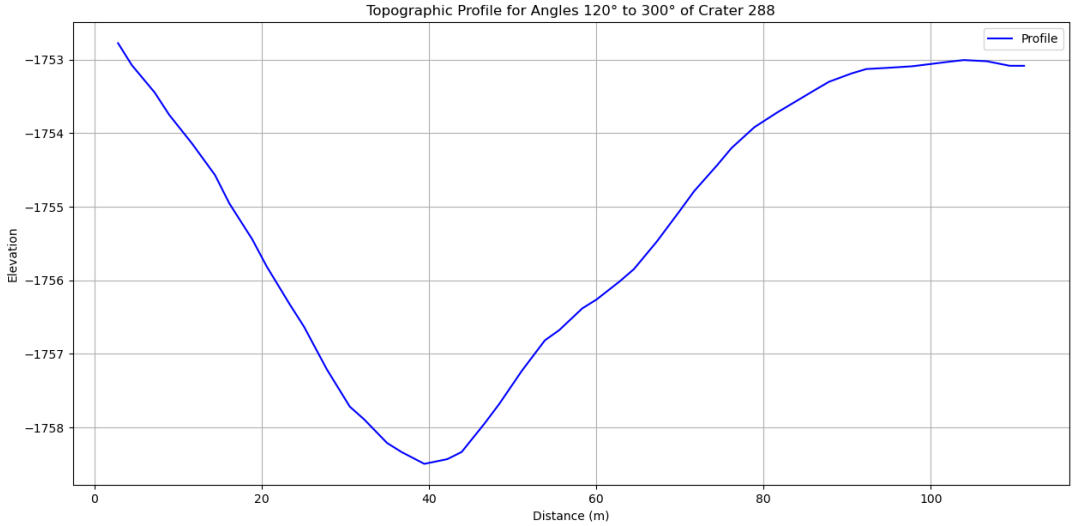

Topographic Profile for Angles 70° to 250° of Crater 288
Profile
Elevation
−1751
−1752
−1753
−1754
−1755
−1756
−1757
−1758
0
20
40
60
80
100
120
Distance (m)

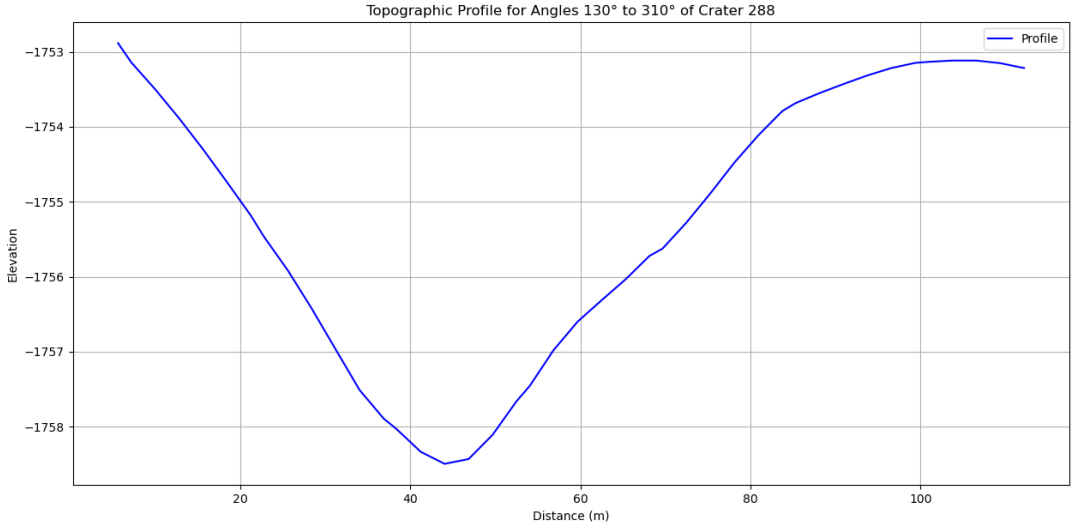

Topographic Profile for Angles 80° to 260° of Crater 288
Profile
Elevation
−1751
−1752
−1753
−1754
−1755
−1756
−1757
−1758
0
20
40
60
80
100
120
Distance (m)

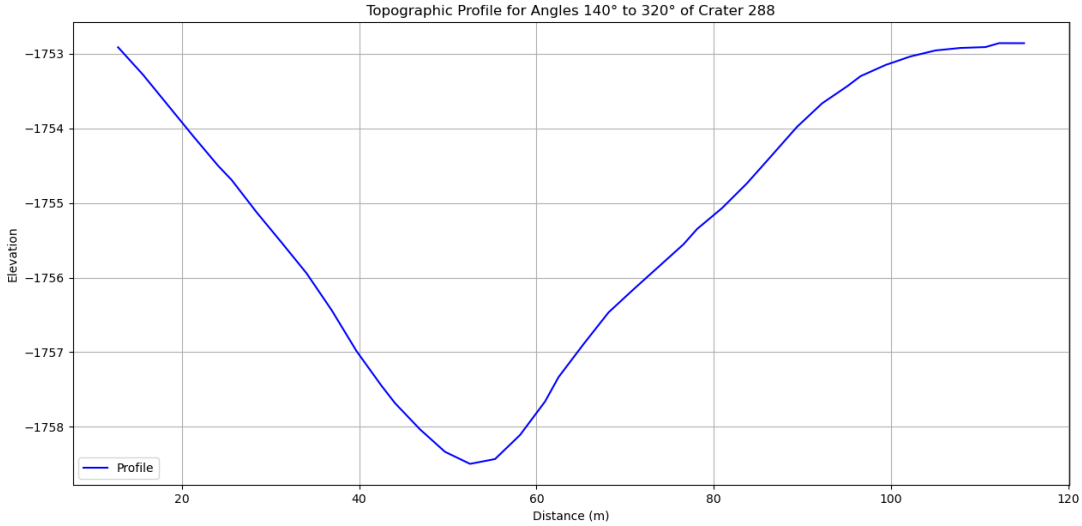

Topographic Profile for Angles 90° to 270° of Crater 288
Profile
Elevation
−1752
−1753
−1754
−1755
−1756
−1757
−1758
0
20
40
60
80
100
Distance (m)

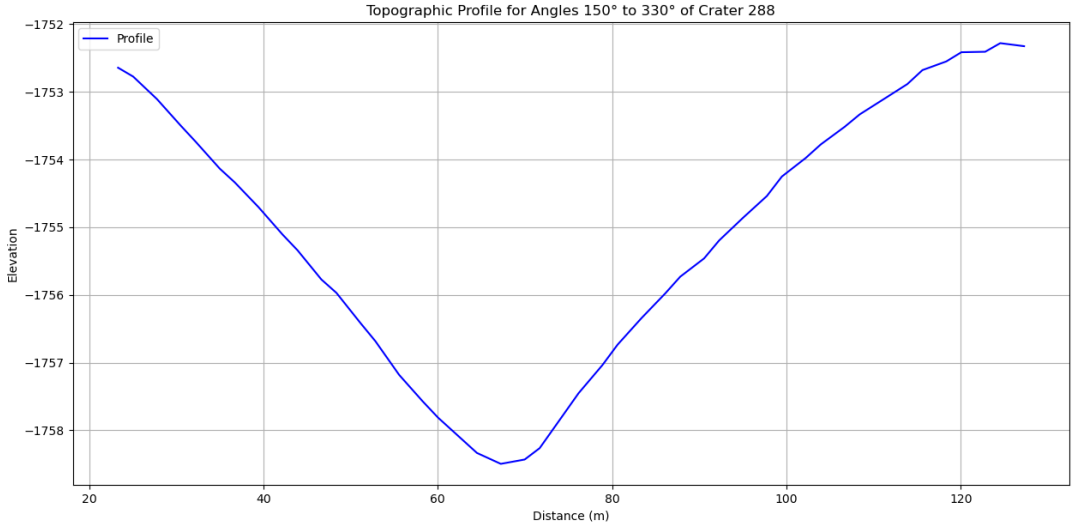

Topographic Profile for Angles 100° to 280° of Crater 288
Profile
Elevation
−1752
−1753
−1754
−1755
−1756
−1757
−1758
0
20
40
60
80
100
Distance (m)

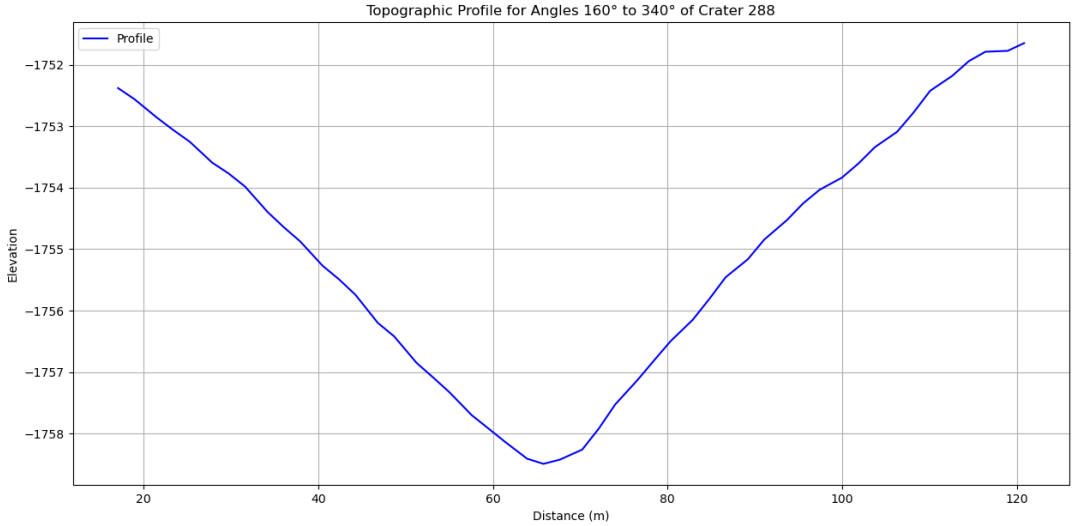

Topographic Profile for Angles 110° to 290° of Crater 288
Profile
Elevation
−1753
−1754
−1755
−1756
−1757
−1758
0
20
40
60
80
100
Distance (m)

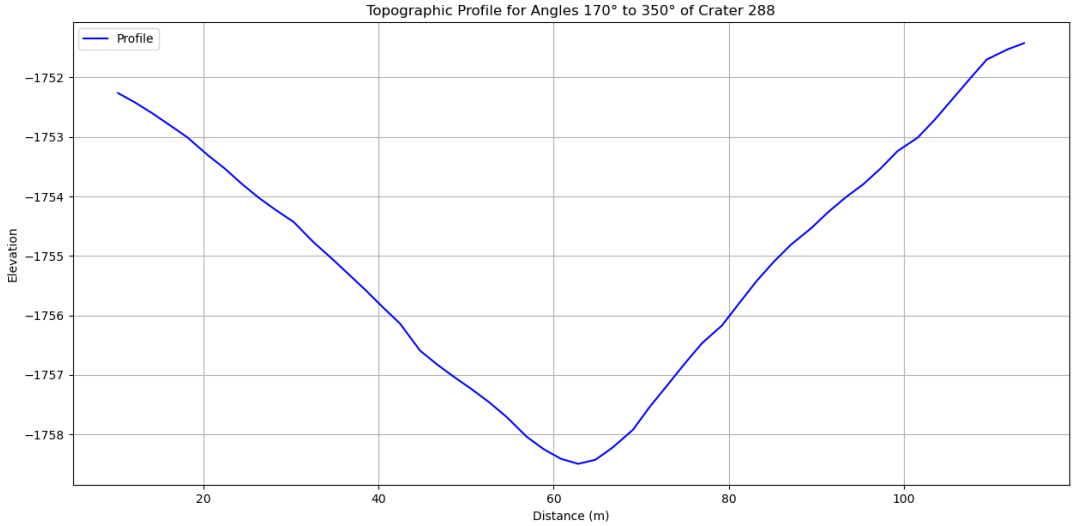

Topographic Profile for Angles 120° to 300° of Crater 288
Profile
Elevation
−1753
−1754
−1755
−1756
−1757
−1758
0
20
40
60
80
100
Distance (m)


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)