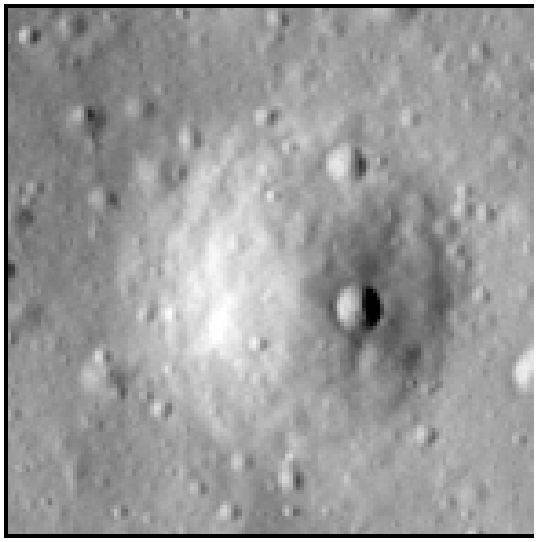
Crater report 1673 of RG2

General information



ID : 1673

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 61m ± 4.0m

Mean depht : 4.7m ± 0.2m

d/D ratio : 0.075 ± 0.006

Circularity index : 0.9

Mean slope : 10.19°

Mean value of TRI on the rim crest : 0.59

Geometric center coordinates : (3656415.4051351612, 221795.78330040103)

Coordinates of the crater's lowest point : (3656415.0000011004, 221793.0000000654)

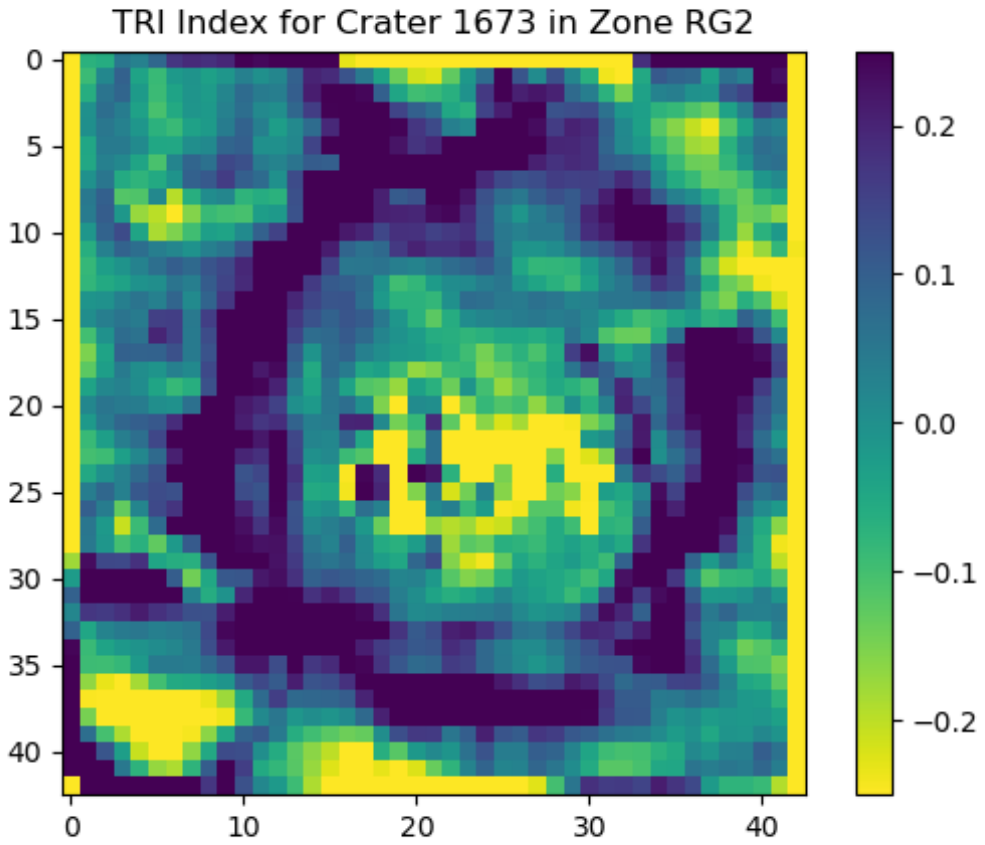
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	11.16	0.57
10°	10.15	0.54
20°	9.16	0.51
30°	8.86	0.48
40°	9.04	0.42
50°	8.51	0.42
60°	7.94	0.48
70°	8.1	0.52
80°	8.28	0.54
90°	8.56	0.57
100°	7.56	0.54
110°	7.27	0.51

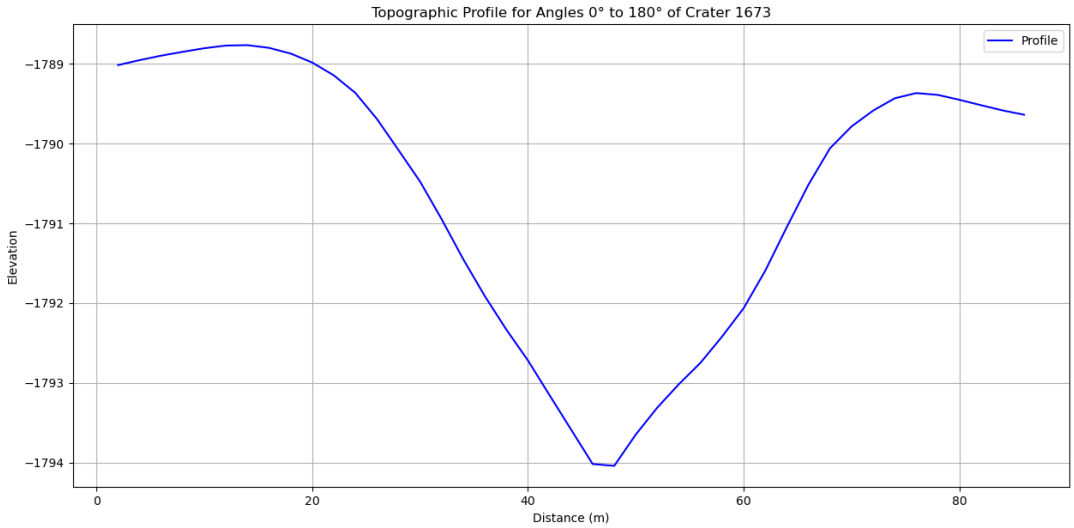
120°	7.17	0.48
130°	8.0	0.42
140°	8.43	0.42
150°	8.75	0.48
160°	9.11	0.51
170°	10.22	0.54
180°	11.05	0.57
190°	11.06	0.55
200°	10.81	0.52
210°	11.44	0.47
220°	12.24	0.43
230°	12.28	0.43
240°	12.09	0.47
250°	11.65	0.52
260°	12.4	0.53
270°	13.2	0.56
280°	12.67	0.53
290°	12.27	0.51
300°	12.12	0.47
310°	12.09	0.43
320°	11.85	0.43
330°	10.53	0.48
340°	10.04	0.51
350°	10.66	0.54

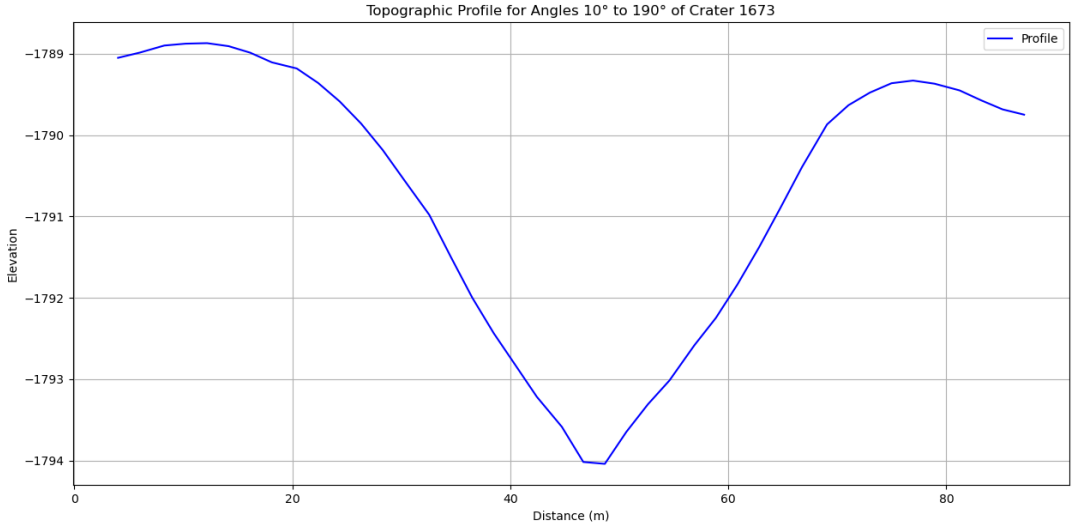
Topographic roughness index (TRI)

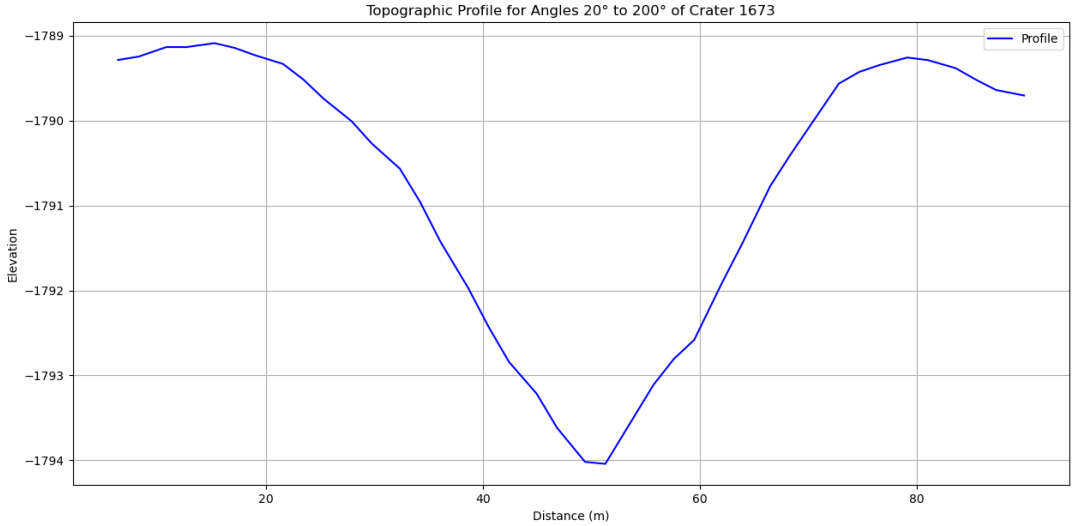
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

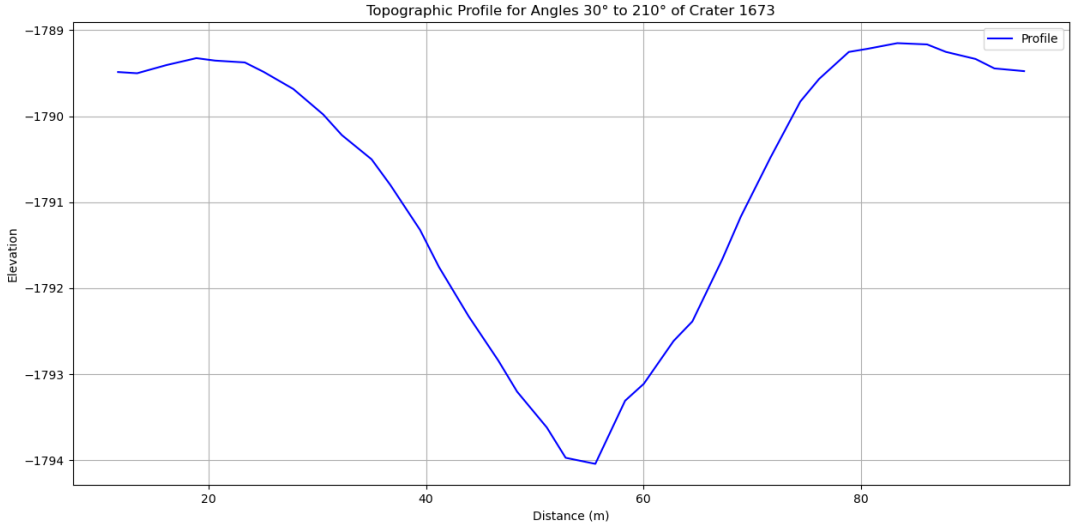


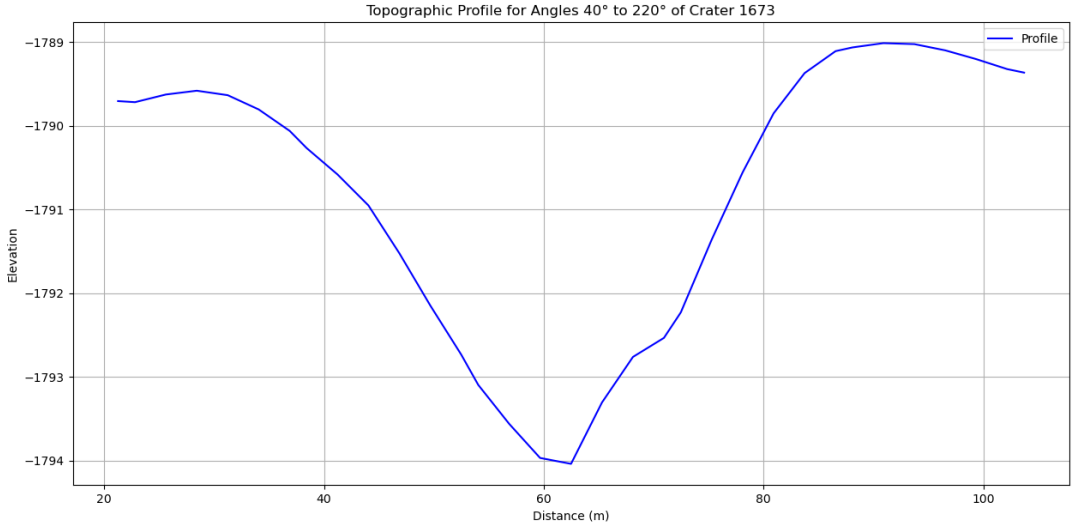
Topographic profiles

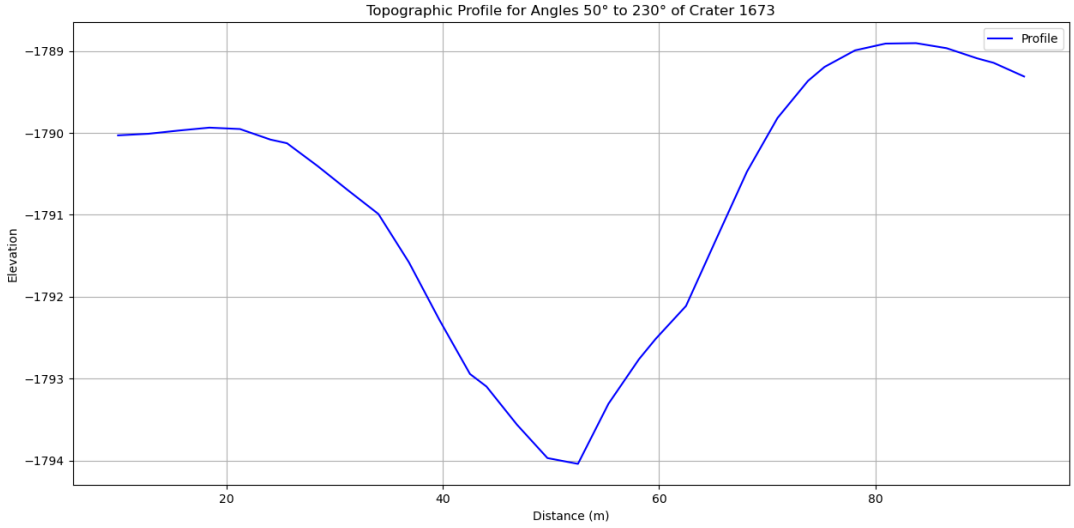


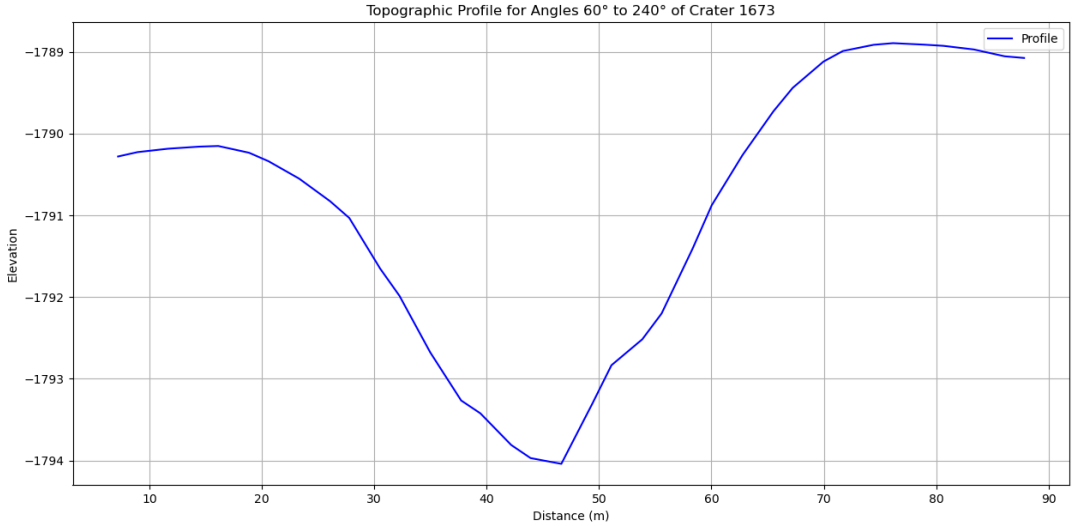

Topographic Profile for Angles 10° to 190° of Crater 1673
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
0
20
40
60
80
Distance (m)

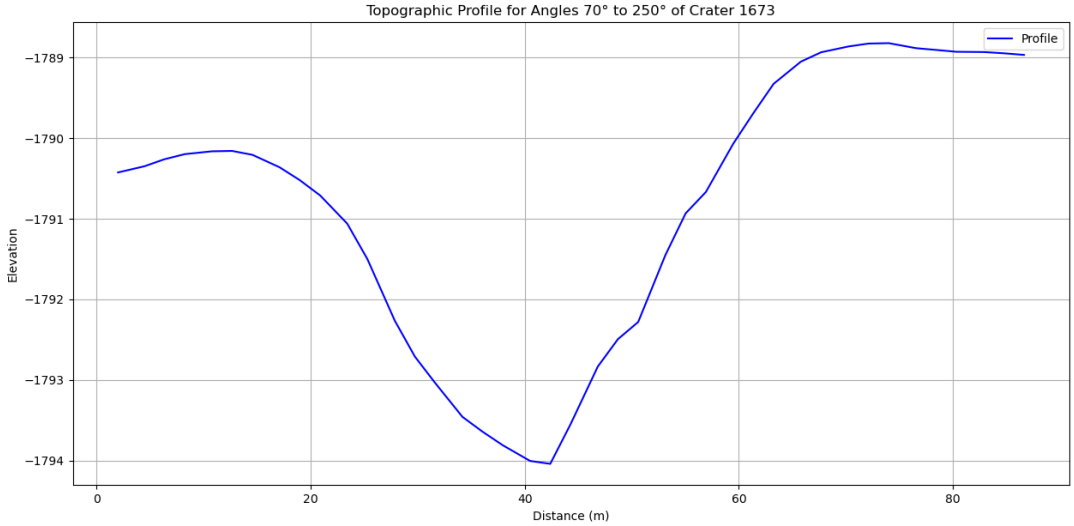

Topographic Profile for Angles 20° to 200° of Crater 1673
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80
Distance (m)

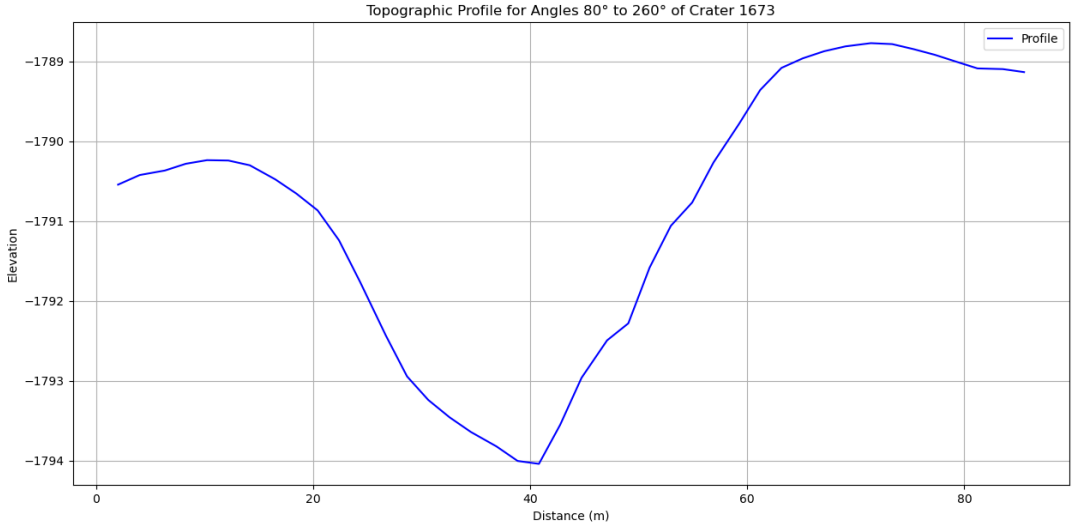

Topographic Profile for Angles 30° to 210° of Crater 1673
Profile
Elevation
Distance (m)
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80

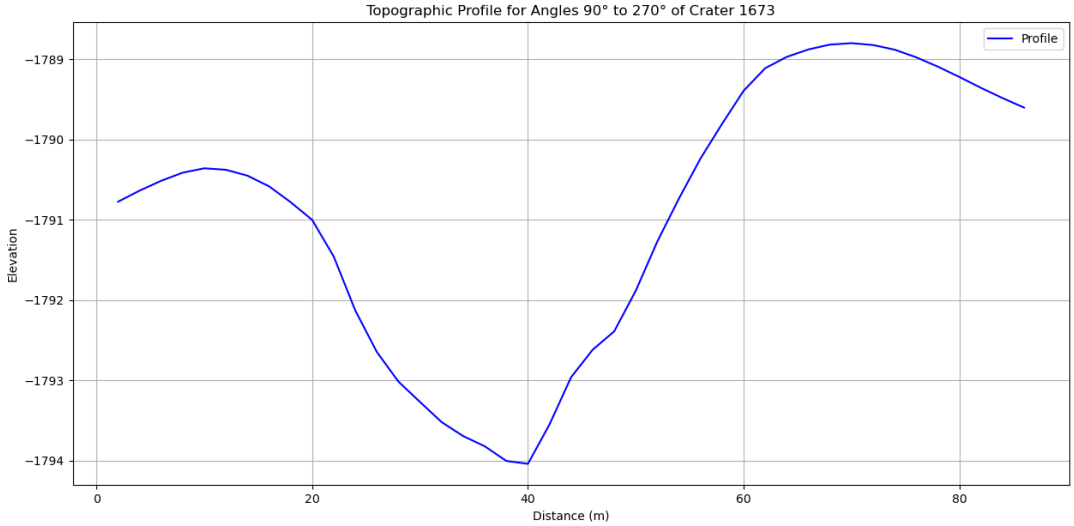

Topographic Profile for Angles 40° to 220° of Crater 1673
Profile
Elevation
Distance (m)
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80
100

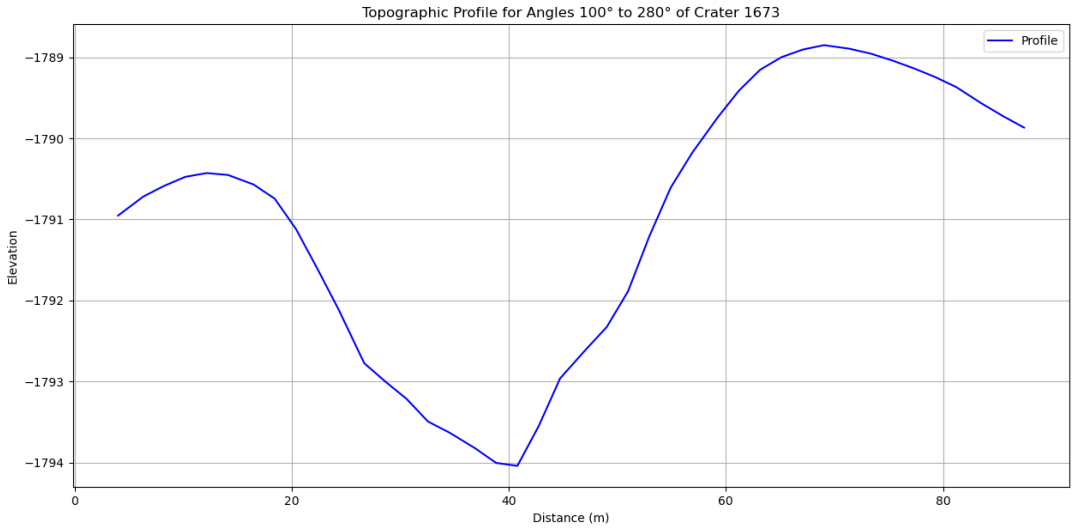

Topographic Profile for Angles 50° to 230° of Crater 1673
Profile
Elevation
Distance (m)
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80

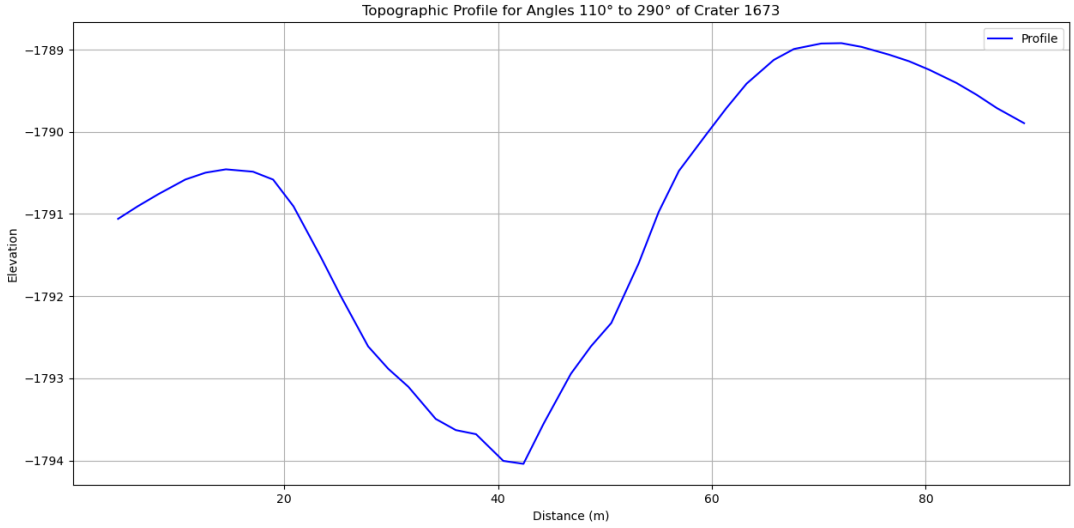

Topographic Profile for Angles 60° to 240° of Crater 1673
Profile
Elevation
Distance (m)
−1789
−1790
−1791
−1792
−1793
−1794
10
20
30
40
50
60
70
80
90

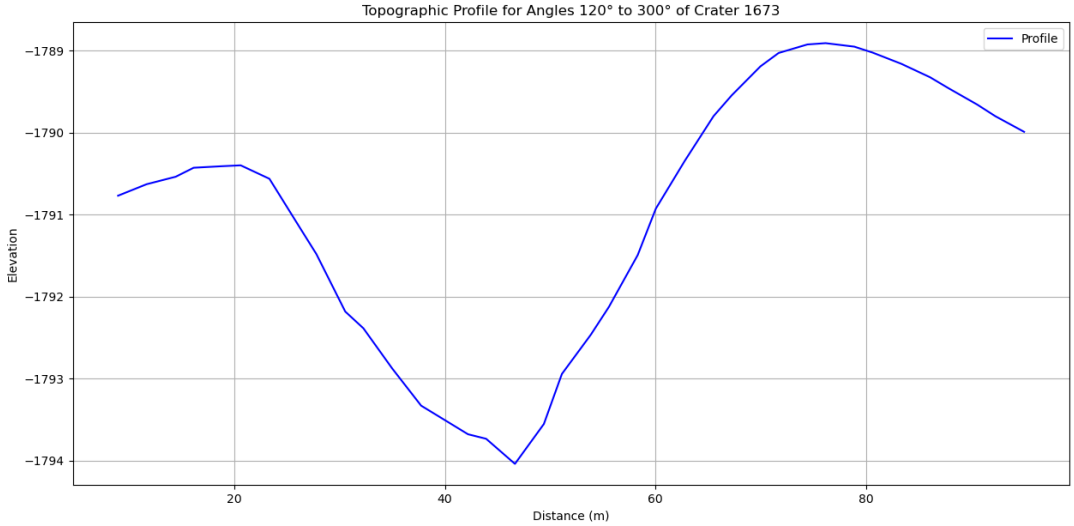

Topographic Profile for Angles 70° to 250° of Crater 1673
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
0
20
40
60
80
Distance (m)

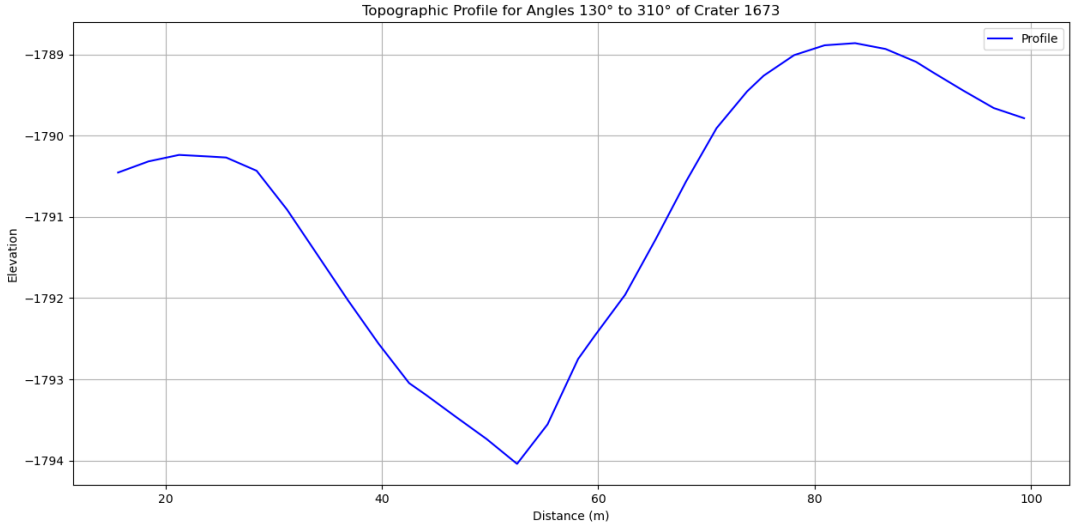

Topographic Profile for Angles 80° to 260° of Crater 1673
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
0
20
40
60
80
Distance (m)

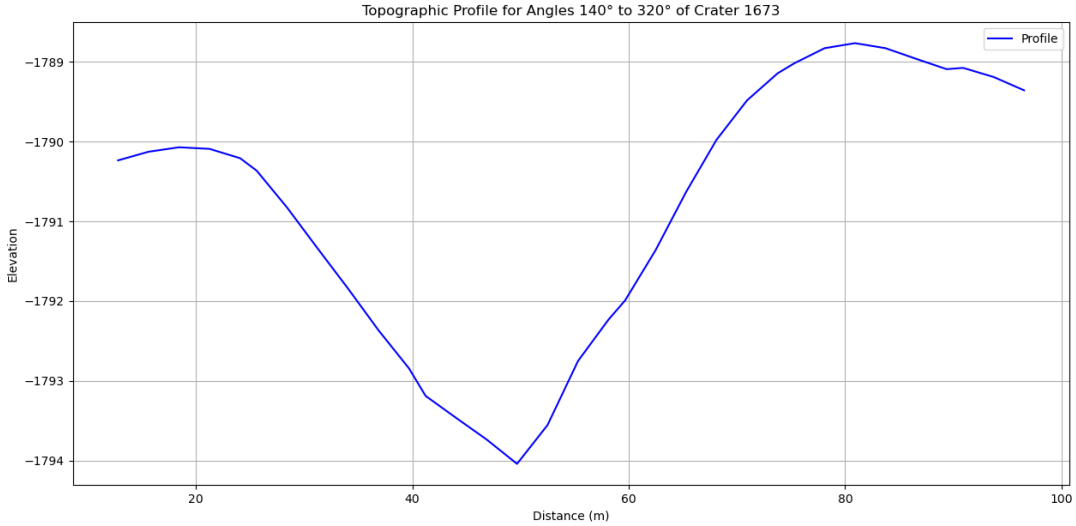

Topographic Profile for Angles 90° to 270° of Crater 1673
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
0
20
40
60
80
Distance (m)

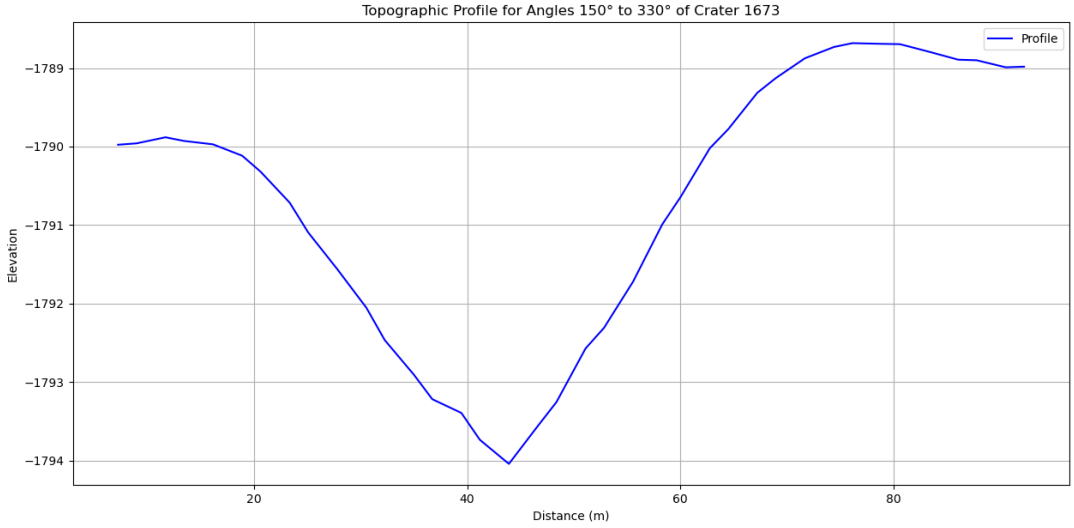

Topographic Profile for Angles 100° to 280° of Crater 1673
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
0
20
40
60
80
Distance (m)

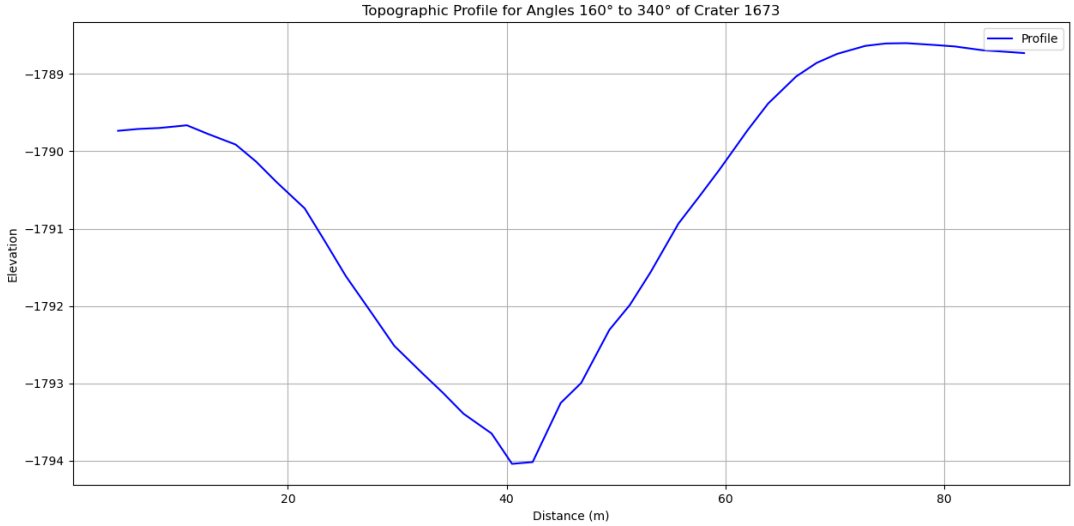

Topographic Profile for Angles 110° to 290° of Crater 1673
Profile
Elevation
Distance (m)
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80

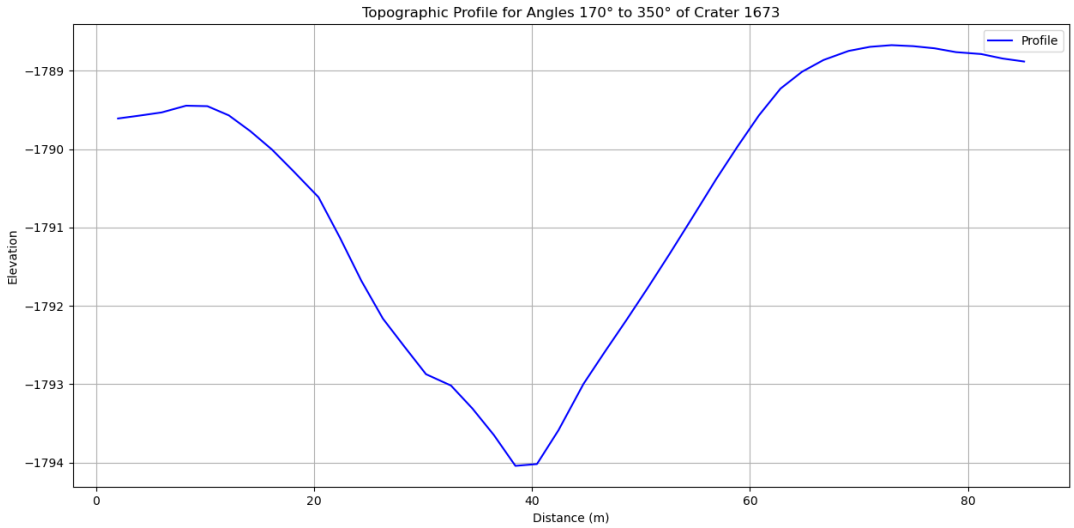

Topographic Profile for Angles 120° to 300° of Crater 1673
Profile
Elevation
Distance (m)
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80


Topographic Profile for Angles 130° to 310° of Crater 1673
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 1673
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 1673
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 1673
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 1673
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
0
20
40
60
80
Distance (m)