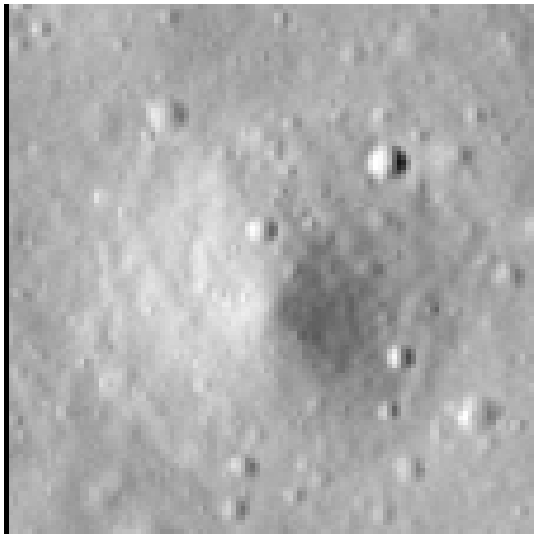
Crater report 2034 of RG2

General information



ID : 2034

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 56m ± 3.0m

Mean depht : 3.5m ± 0.2m

d/D ratio : 0.061 ± 0.005

Circularity index : 0.92

Slope : Between 6.85° et 13.0°

Mean value of TRI on the rim crest : 0.27

Geometric center coordinates : (3656377.752784676, 219586.21216893423)

Coordinates of the crater's lowest point : (3656377.0000011004, 219579.00000006476)

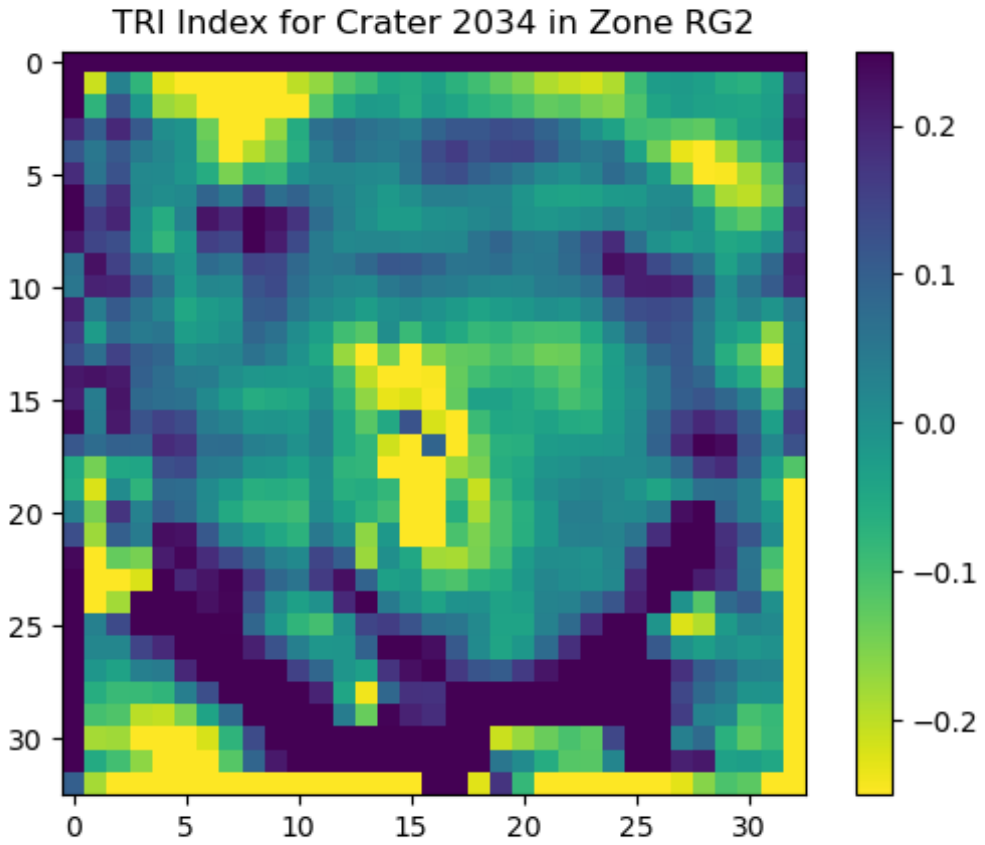
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	8.85	0.57
10°	9.05	0.55
20°	8.34	0.51
30°	8.05	0.48
40°	7.76	0.43
50°	7.18	0.46
60°	6.85	0.48
70°	7.04	0.53
80°	7.1	0.53
90°	8.09	0.57
100°	7.76	0.55
110°	7.91	0.54

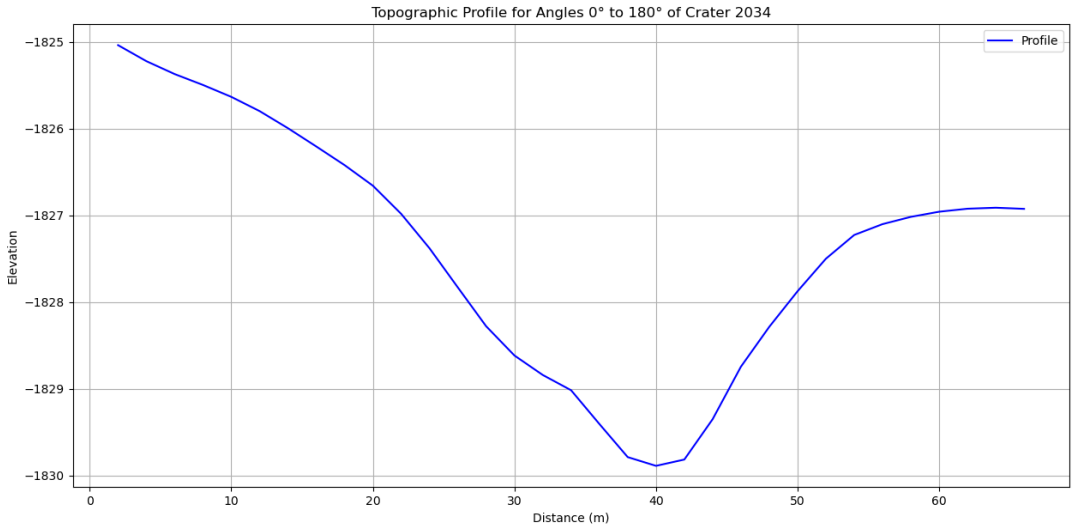
120°	8.42	0.45
130°	8.16	0.45
140°	8.6	0.45
150°	9.98	0.49
160°	11.18	0.53
170°	11.75	0.53
180°	13.0	0.57
190°	12.32	0.53
200°	11.58	0.52
210°	10.75	0.49
220°	10.19	0.45
230°	10.51	0.45
240°	9.51	0.51
250°	9.3	0.51
260°	9.21	0.55
270°	9.87	0.57
280°	9.06	0.53
290°	8.64	0.52
300°	8.48	0.46
310°	8.72	0.43
320°	8.59	0.43
330°	8.8	0.48
340°	8.76	0.5
350°	8.66	0.55

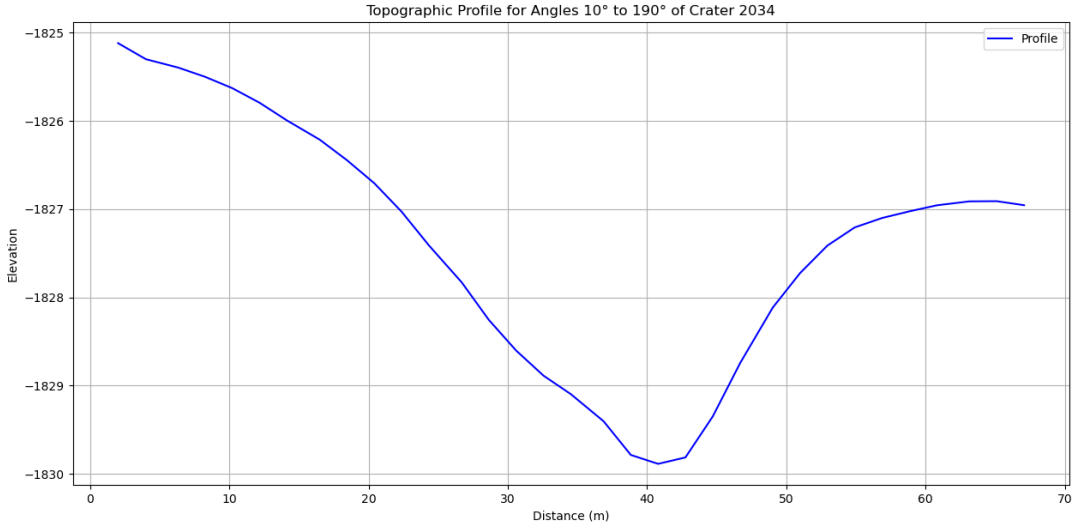
Topographic roughness index (TRI)

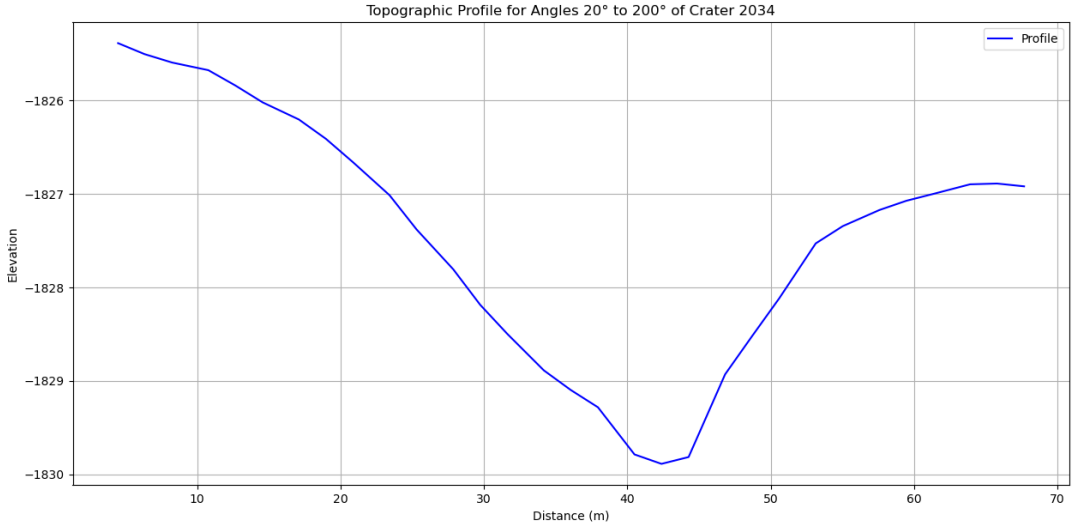
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

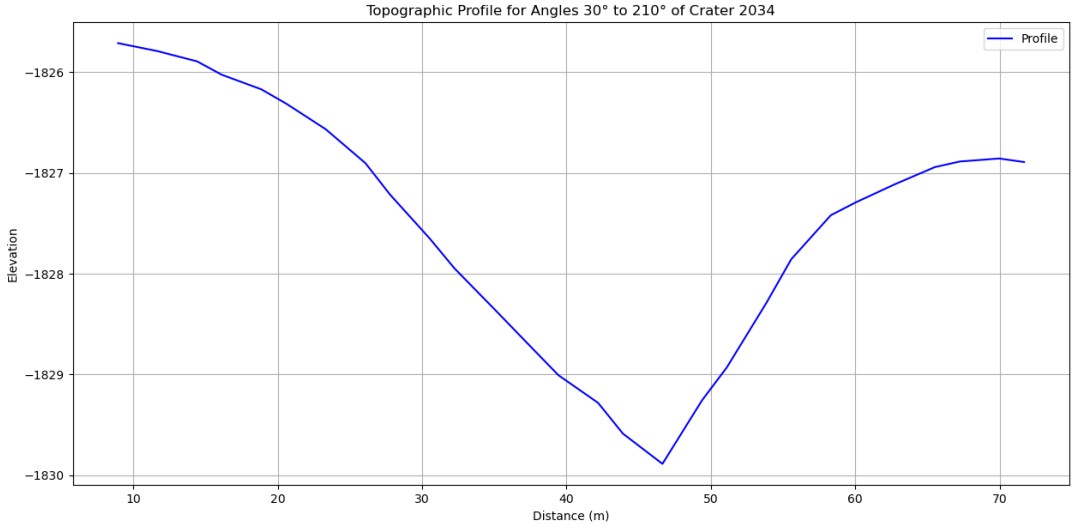


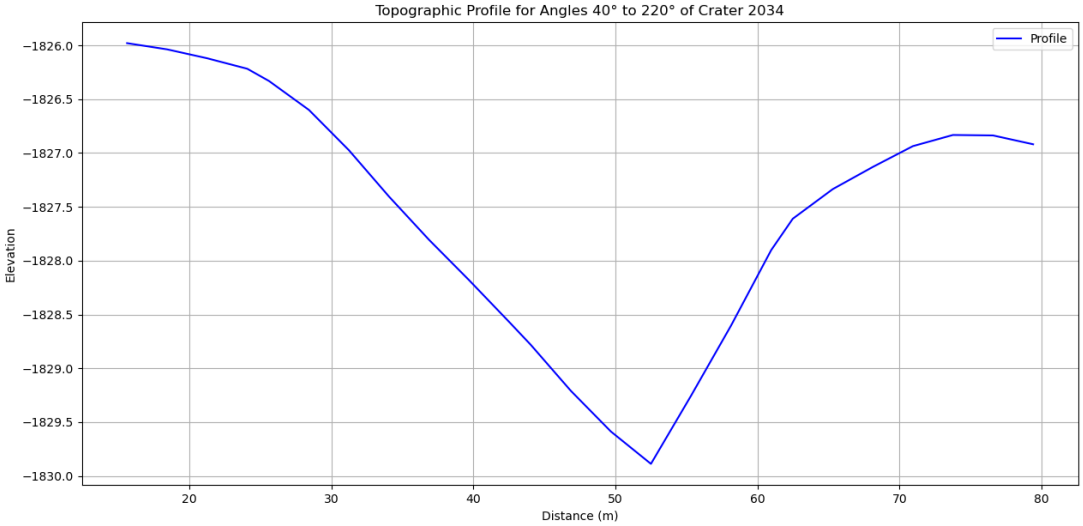
Topographic profiles

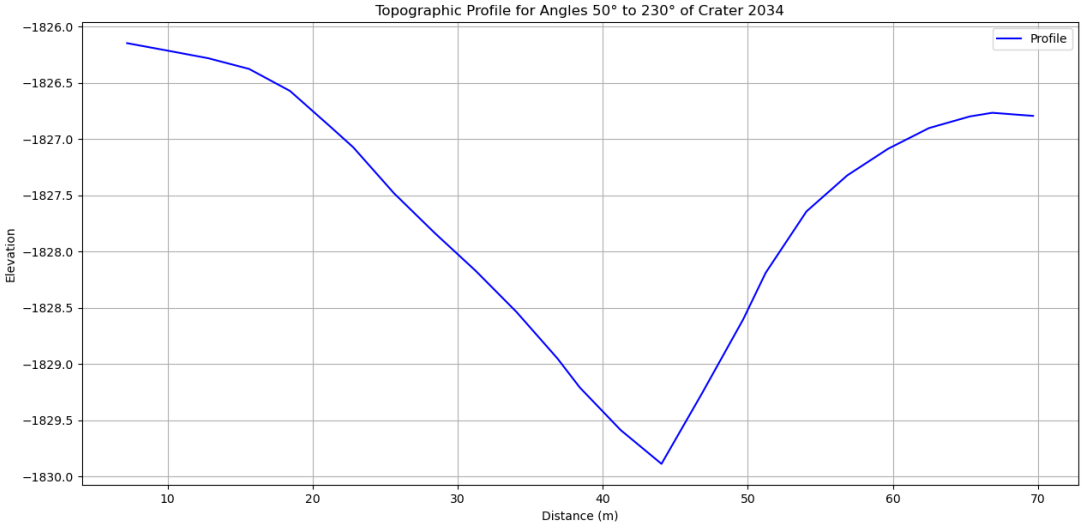


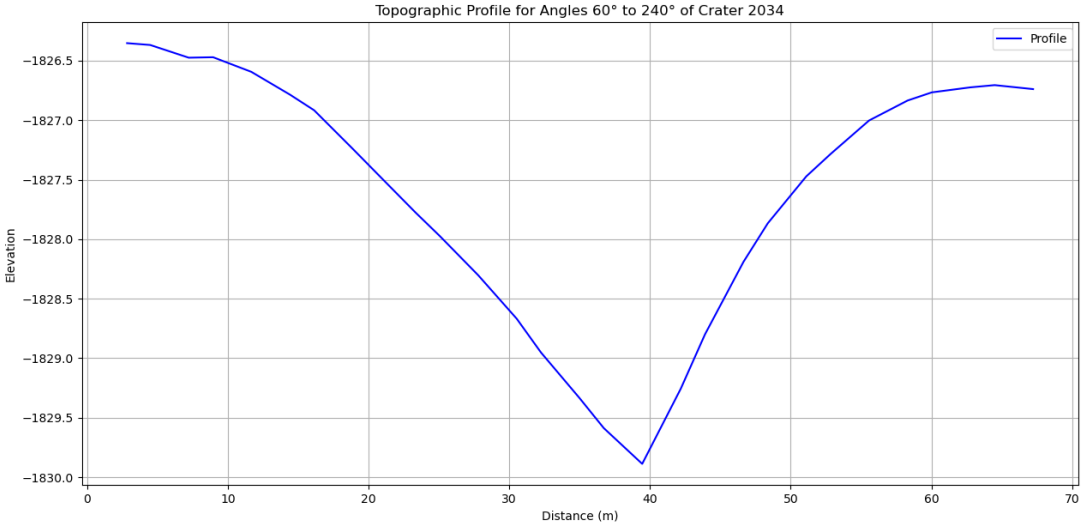

Topographic Profile for Angles 10° to 190° of Crater 2034
Profile
Elevation
Distance (m)
−1825
−1826
−1827
−1828
−1829
−1830
0
10
20
30
40
50
60
70

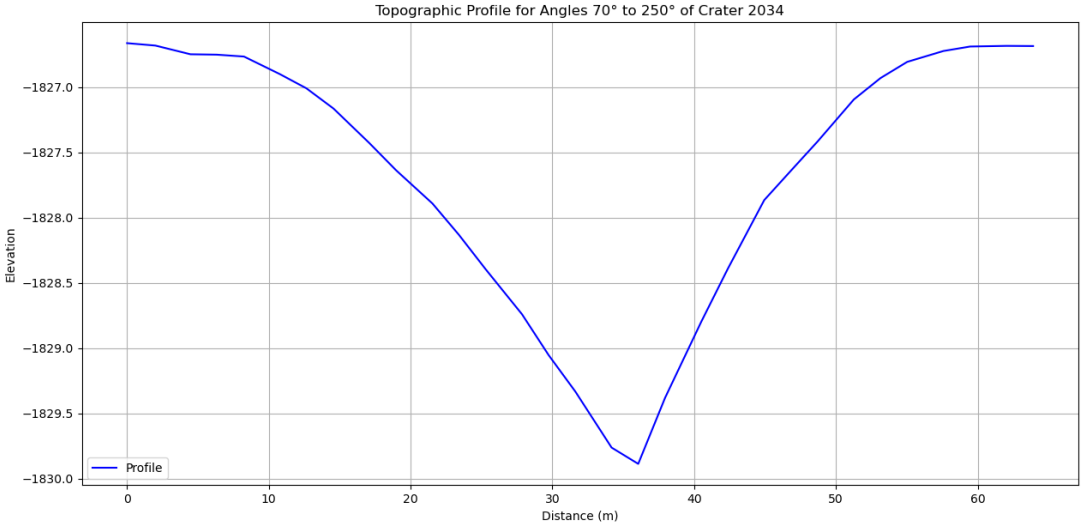

Topographic Profile for Angles 20° to 200° of Crater 2034
Profile
Elevation
Distance (m)
−1826
−1827
−1828
−1829
−1830
10
20
30
40
50
60
70

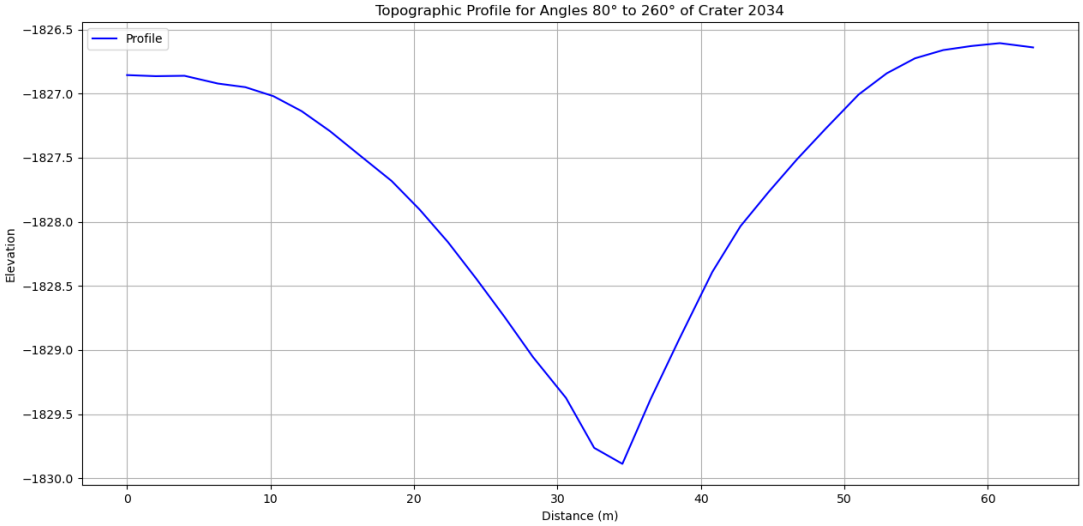

Topographic Profile for Angles 30° to 210° of Crater 2034
Profile
Elevation
Distance (m)
−1826
−1827
−1828
−1829
−1830
10
20
30
40
50
60
70

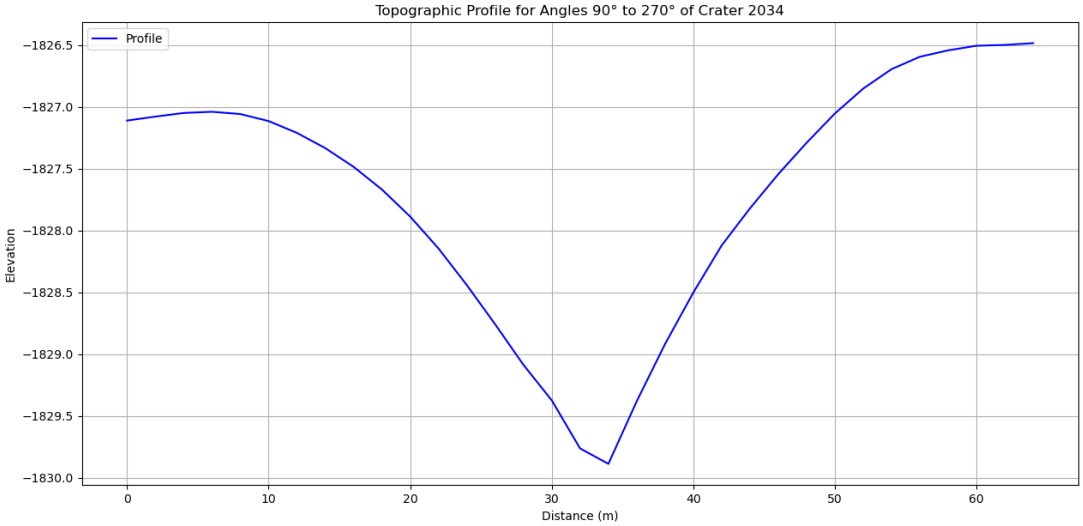

Topographic Profile for Angles 40° to 220° of Crater 2034
Profile
Elevation
Distance (m)
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
−1829.5
−1830.0
20
30
40
50
60
70
80

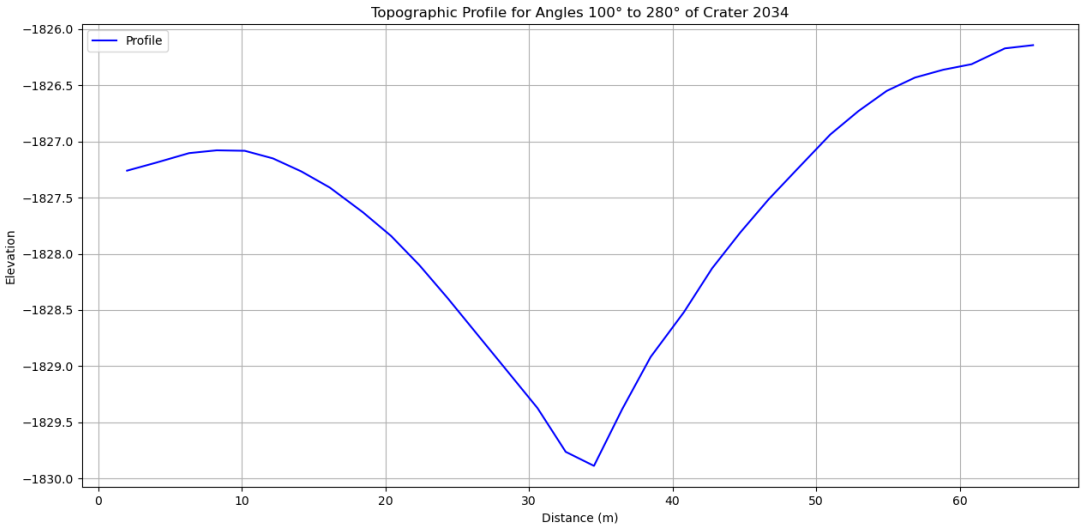

Topographic Profile for Angles 50° to 230° of Crater 2034
Profile
Elevation
Distance (m)
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
−1829.5
−1830.0
10
20
30
40
50
60
70

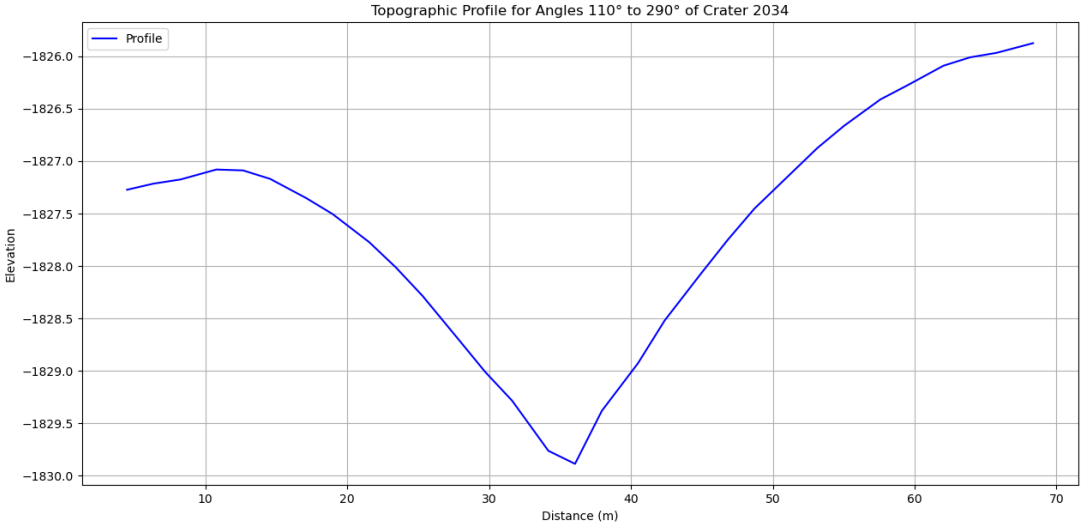

Topographic Profile for Angles 60° to 240° of Crater 2034
Profile
Elevation
Distance (m)
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
−1829.5
−1830.0
0
10
20
30
40
50
60
70

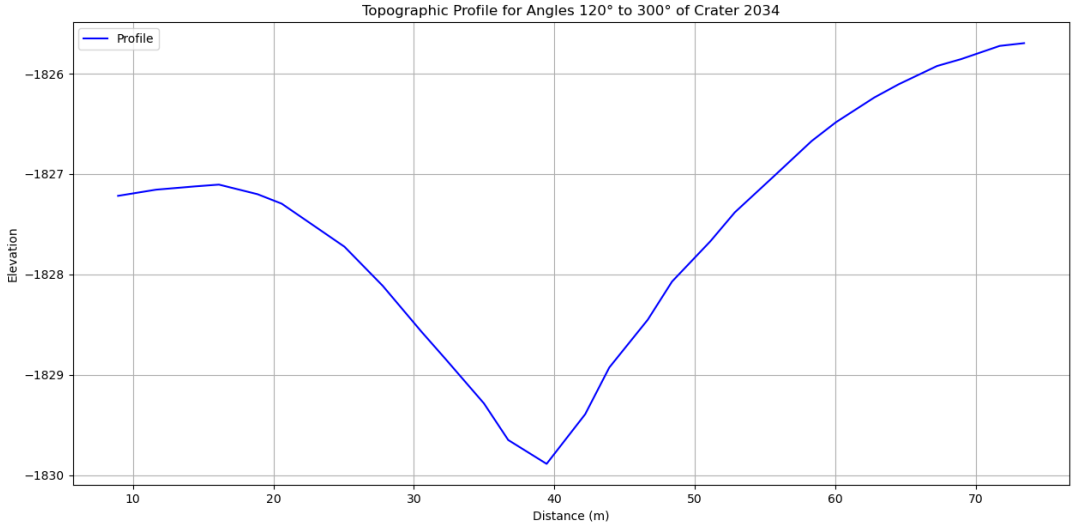

Topographic Profile for Angles 70° to 250° of Crater 2034
Elevation
Distance (m)
Profile
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
−1829.5
−1830.0
0
10
20
30
40
50
60

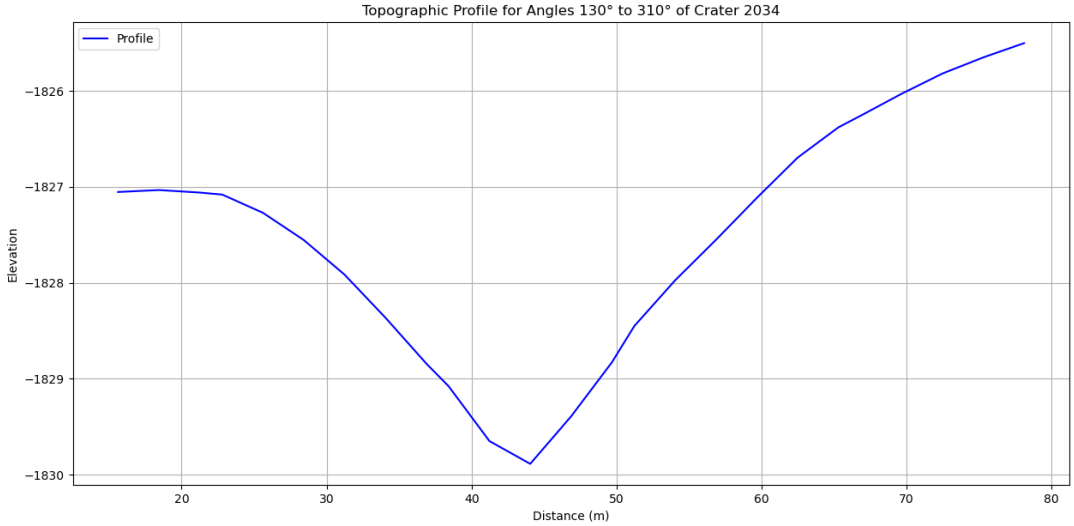

Topographic Profile for Angles 80° to 260° of Crater 2034
Elevation
Distance (m)
Profile
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
−1829.5
−1830.0
0
10
20
30
40
50
60

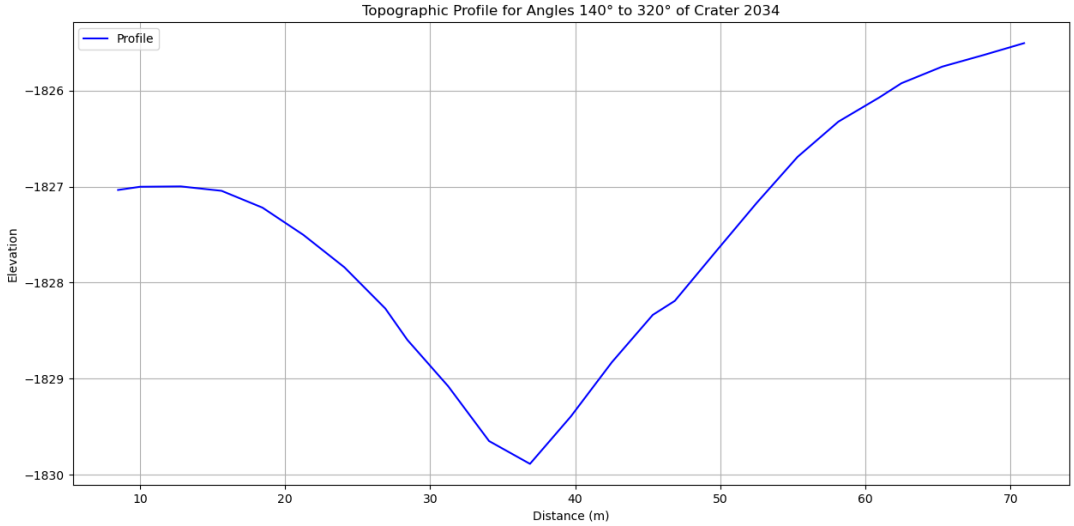

Topographic Profile for Angles 90° to 270° of Crater 2034
Profile
Elevation
Distance (m)
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
−1829.5
−1830.0
0
10
20
30
40
50
60

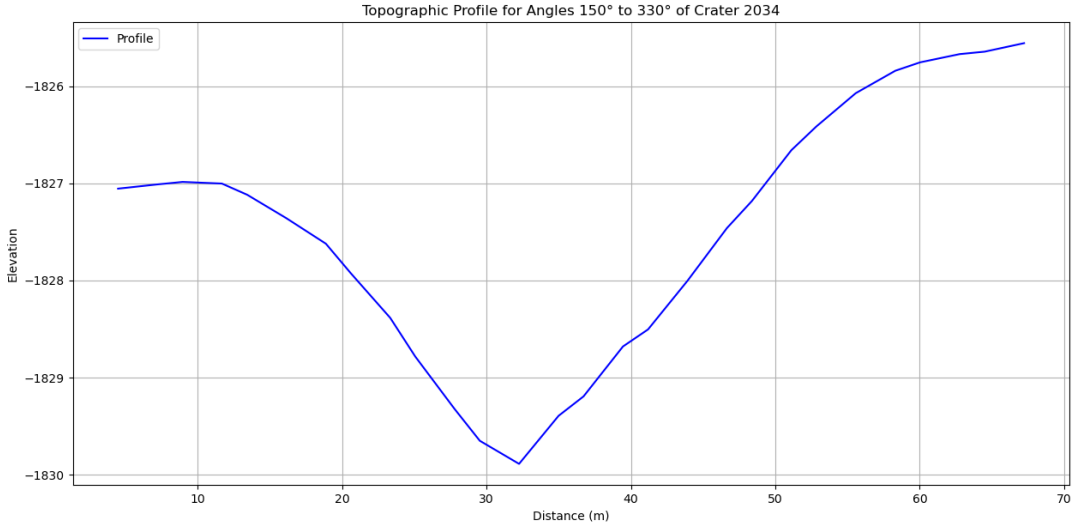

Topographic Profile for Angles 100° to 280° of Crater 2034
Profile
Elevation
Distance (m)
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
−1829.5
−1830.0
0
10
20
30
40
50
60

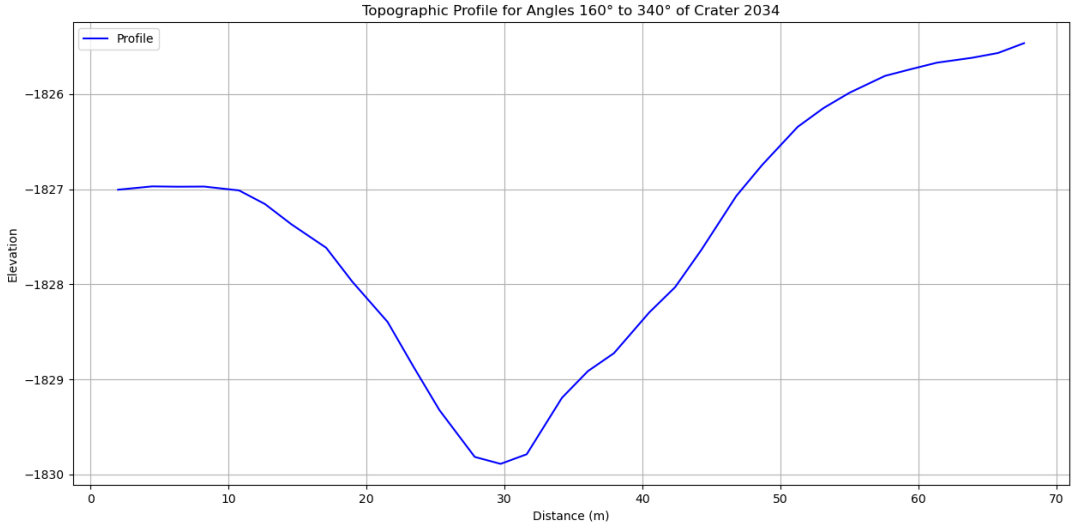

Topographic Profile for Angles 110° to 290° of Crater 2034
Profile
Elevation
Distance (m)
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
−1829.5
−1830.0
10
20
30
40
50
60
70

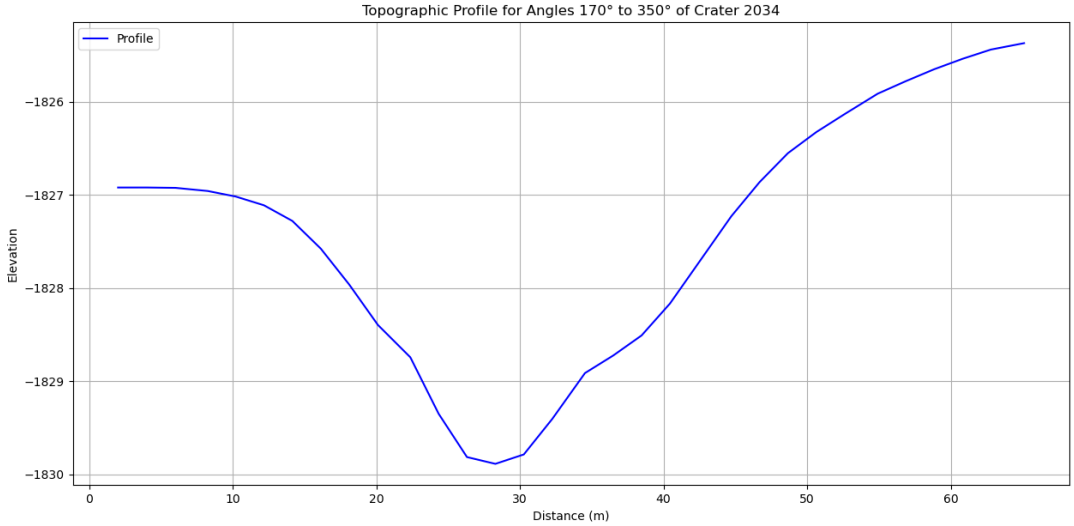

Topographic Profile for Angles 120° to 300° of Crater 2034
Profile
Elevation
Distance (m)
−1826
−1827
−1828
−1829
−1830
10
20
30
40
50
60
70


Topographic Profile for Angles 130° to 310° of Crater 2034
Profile
Elevation
−1826
−1827
−1828
−1829
−1830
20
30
40
50
60
70
80
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2034
Profile
Elevation
−1826
−1827
−1828
−1829
−1830
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2034
Profile
Elevation
−1826
−1827
−1828
−1829
−1830
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 2034
Profile
Elevation
−1826
−1827
−1828
−1829
−1830
0
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 2034
Profile
Elevation
−1826
−1827
−1828
−1829
−1830
0
10
20
30
40
50
60
Distance (m)