Crater report 1852 of RG2

General information

ID : 1852

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 121m ± 7.0m

Mean depht : 4.1m ± 0.3m

d/D ratio : 0.033 ± 0.003

Circularity index : 0.92

Mean slope : 4.56°

Mean value of TRI on the rim crest : 0.09

Geometric center coordinates : (3658514.993596701, 222538.71754306598)

Coordinates of the crater's lowest point : (3658515.000001101, 222533.00000006563)

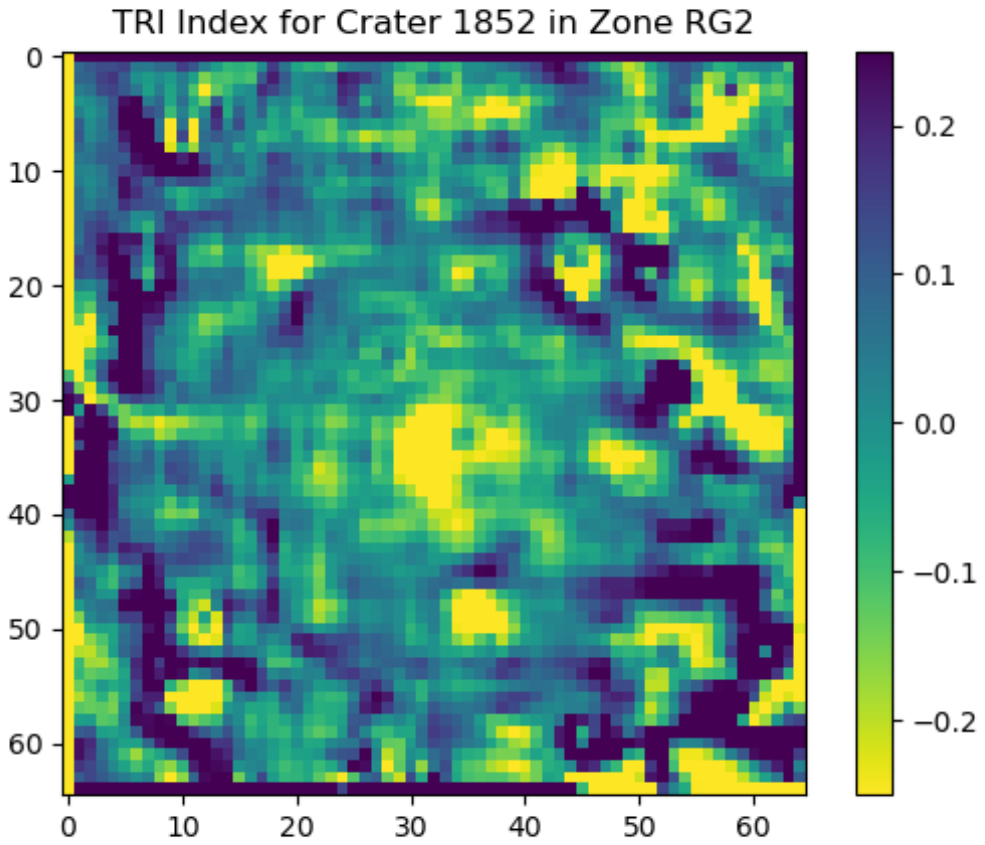
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	4.45	0.57
10°	4.33	0.55
20°	4.1	0.51
30°	4.34	0.48
40°	4.41	0.43
50°	4.19	0.43
60°	3.69	0.48
70°	3.86	0.51
80°	3.84	0.54
90°	3.73	0.57
100°	3.76	0.55
110°	4.08	0.52

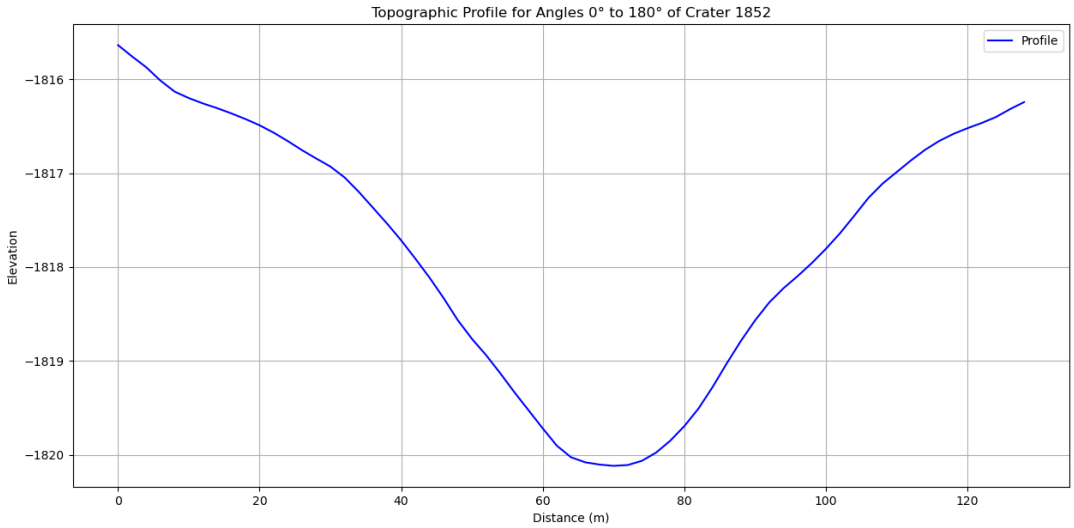
120°	4.23	0.48
130°	4.43	0.43
140°	4.33	0.43
150°	3.94	0.48
160°	3.93	0.51
170°	4.12	0.55
180°	4.52	0.57
190°	4.66	0.54
200°	4.81	0.51
210°	4.81	0.48
220°	5.02	0.43
230°	5.24	0.43
240°	5.37	0.48
250°	5.35	0.51
260°	5.44	0.55
270°	5.54	0.57
280°	5.27	0.55
290°	5.21	0.51
300°	5.06	0.48
310°	5.2	0.43
320°	4.94	0.43
330°	4.75	0.48
340°	4.53	0.51
350°	4.56	0.54

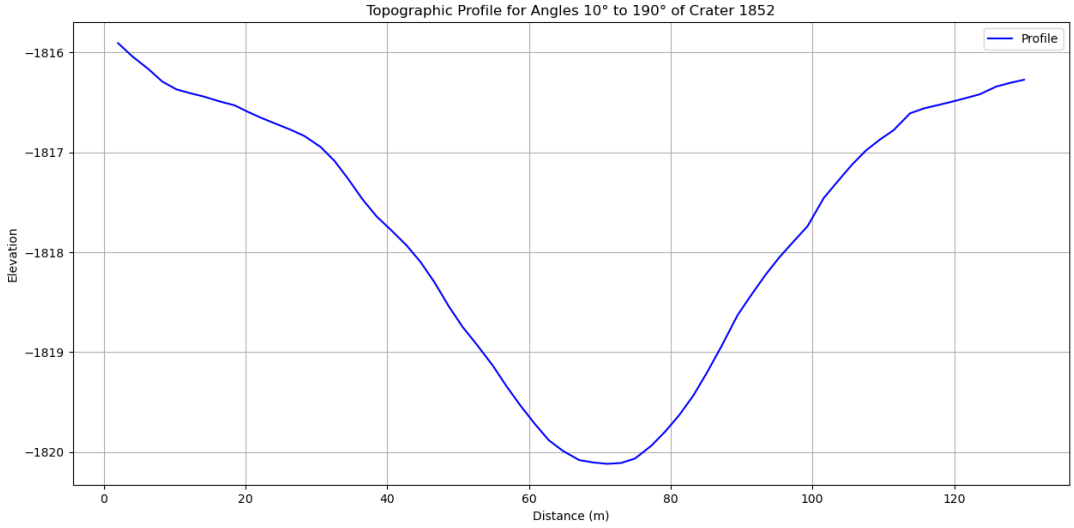
Topographic roughness index (TRI)

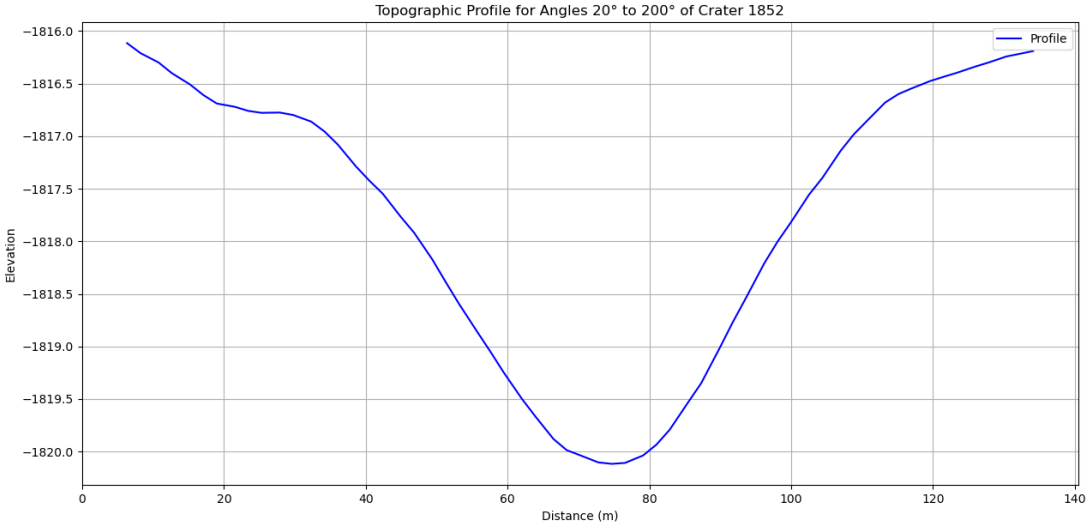
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

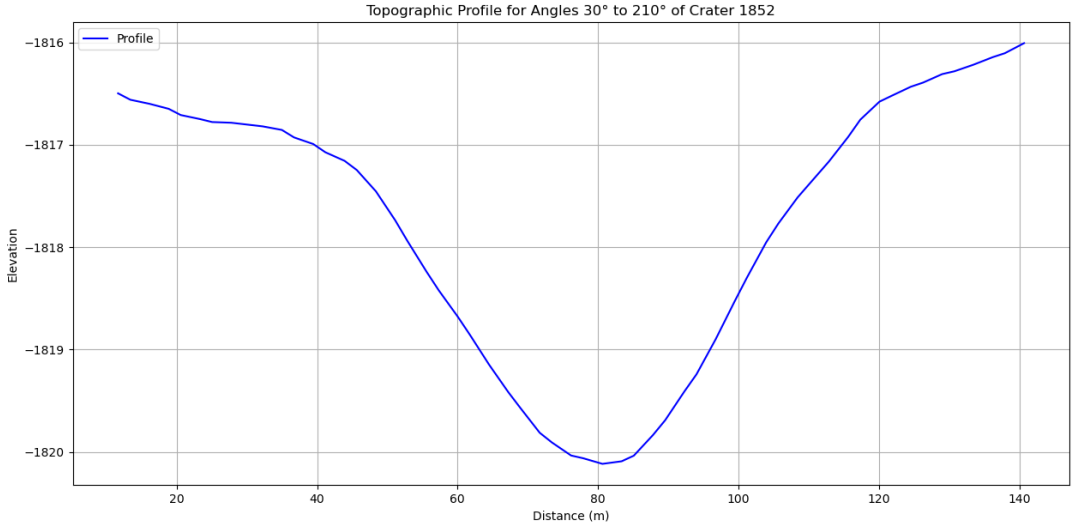


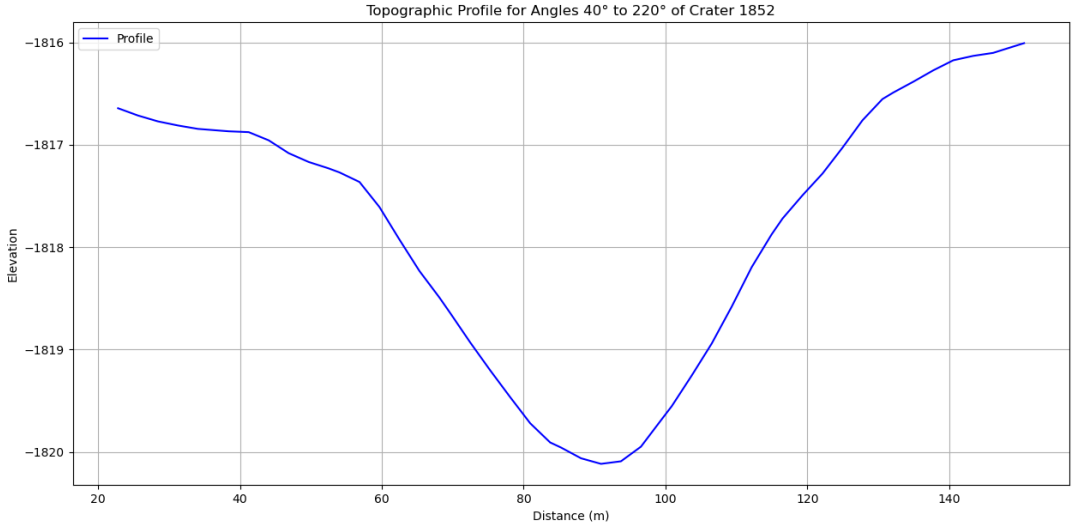
Topographic profiles

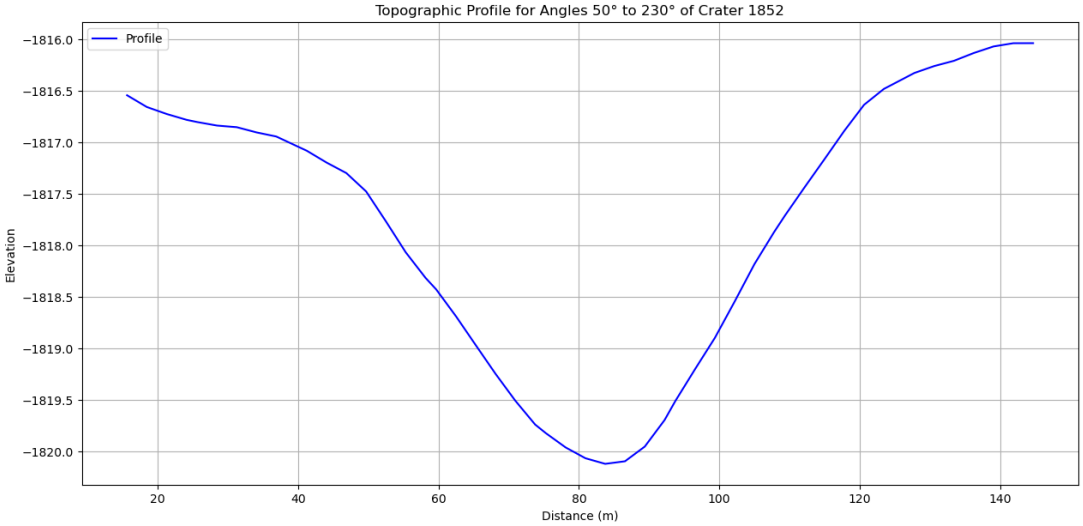


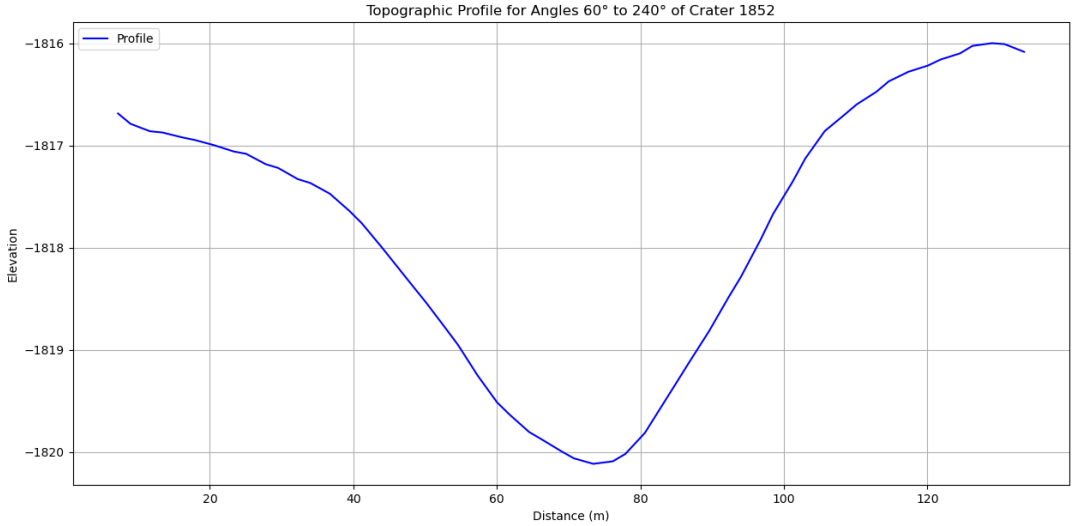

Topographic Profile for Angles 10° to 190° of Crater 1852
Profile
Elevation
Distance (m)
−1816
−1817
−1818
−1819
−1820
0
20
40
60
80
100
120

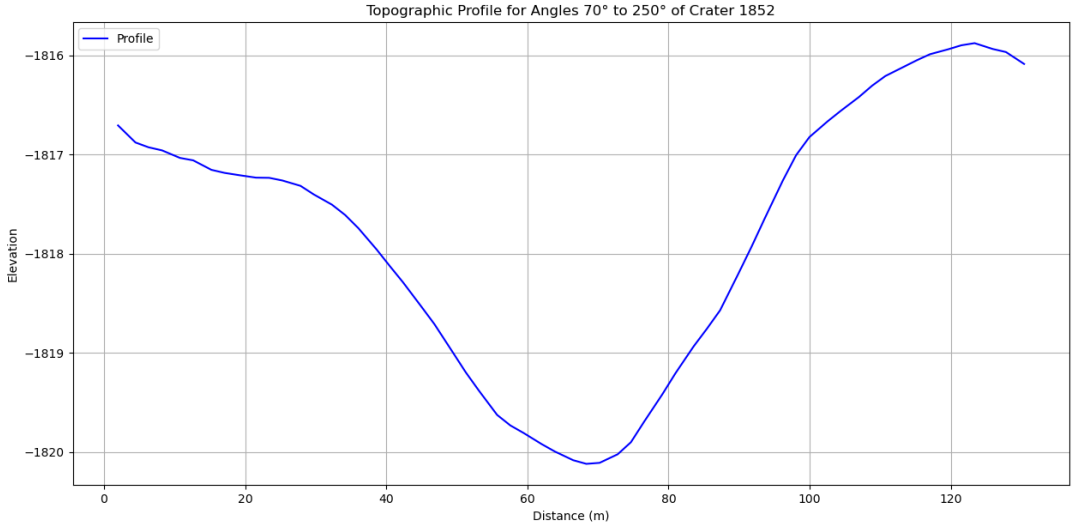

Topographic Profile for Angles 20° to 200° of Crater 1852
Profile
Elevation
Distance (m)
−1816.0
−1816.5
−1817.0
−1817.5
−1818.0
−1818.5
−1819.0
−1819.5
−1820.0
0
20
40
60
80
100
120
140

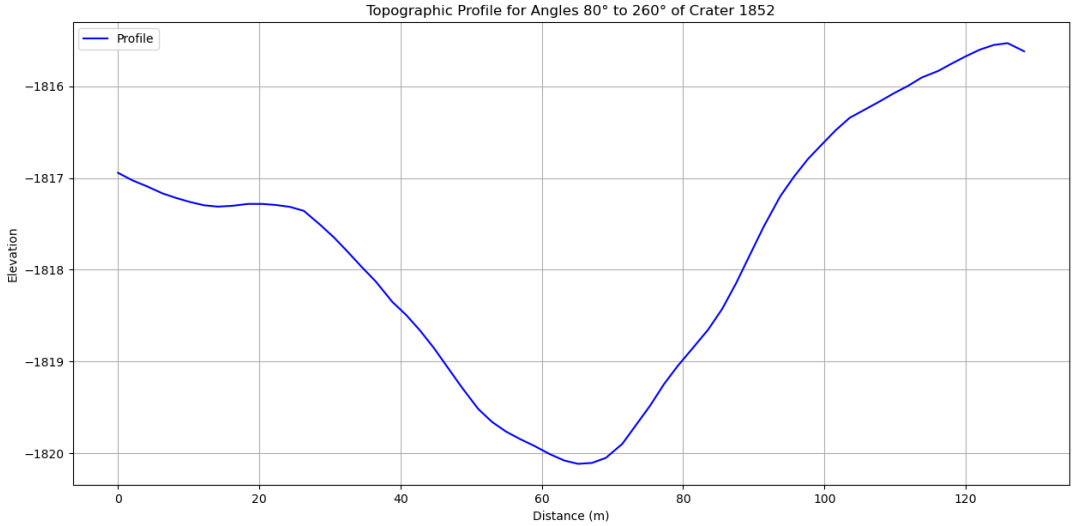

Topographic Profile for Angles 30° to 210° of Crater 1852
Profile
Elevation
Distance (m)
−1816
−1817
−1818
−1819
−1820
20
40
60
80
100
120
140

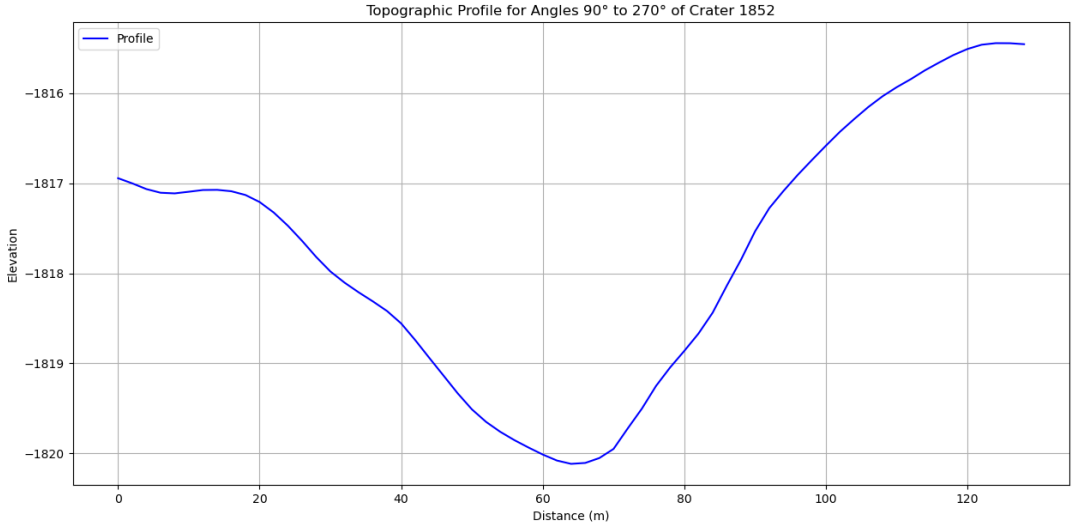

Topographic Profile for Angles 40° to 220° of Crater 1852
Profile
Elevation
Distance (m)
−1816
−1817
−1818
−1819
−1820
20
40
60
80
100
120
140

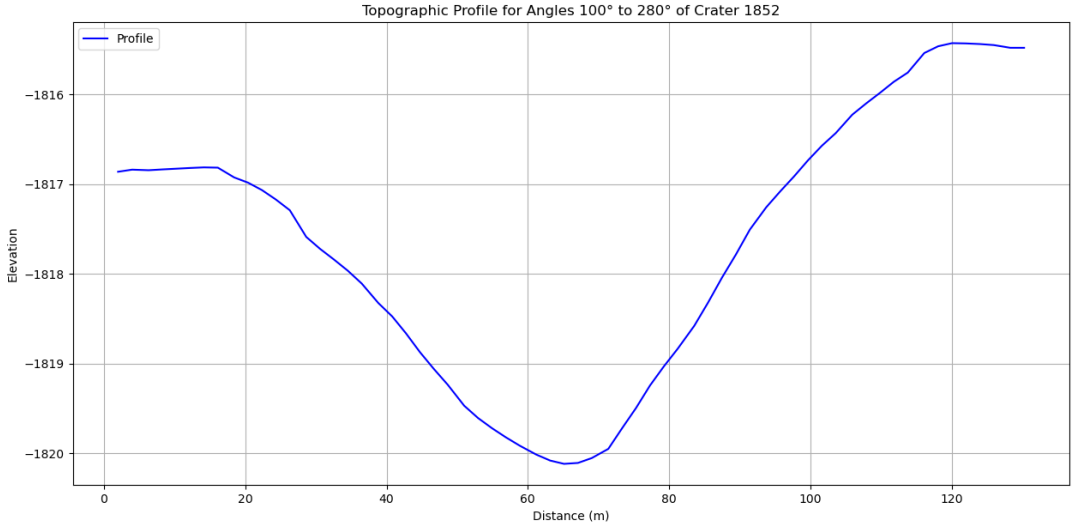

Topographic Profile for Angles 50° to 230° of Crater 1852
Profile
Elevation
Distance (m)
−1816.0
−1816.5
−1817.0
−1817.5
−1818.0
−1818.5
−1819.0
−1819.5
−1820.0
20
40
60
80
100
120
140

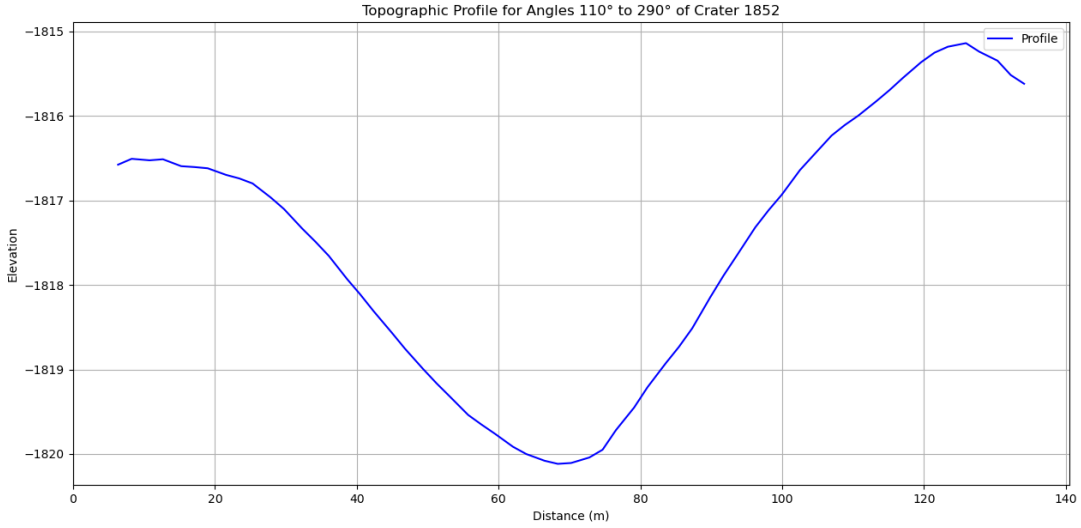

Topographic Profile for Angles 60° to 240° of Crater 1852
Profile
Elevation
Distance (m)
−1816
−1817
−1818
−1819
−1820
20
40
60
80
100
120

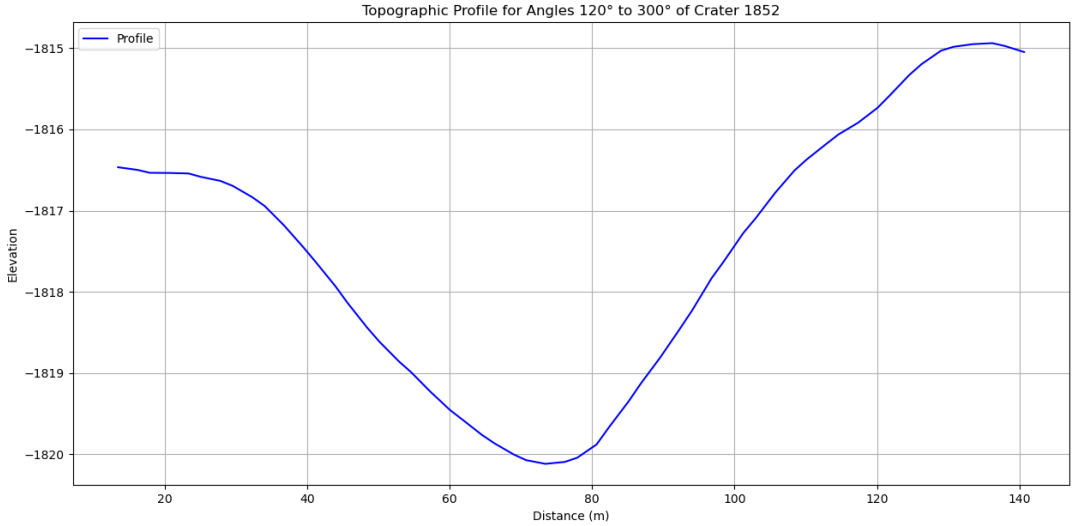

Topographic Profile for Angles 70° to 250° of Crater 1852
Profile
Elevation
Distance (m)
−1816
−1817
−1818
−1819
−1820
0
20
40
60
80
100
120

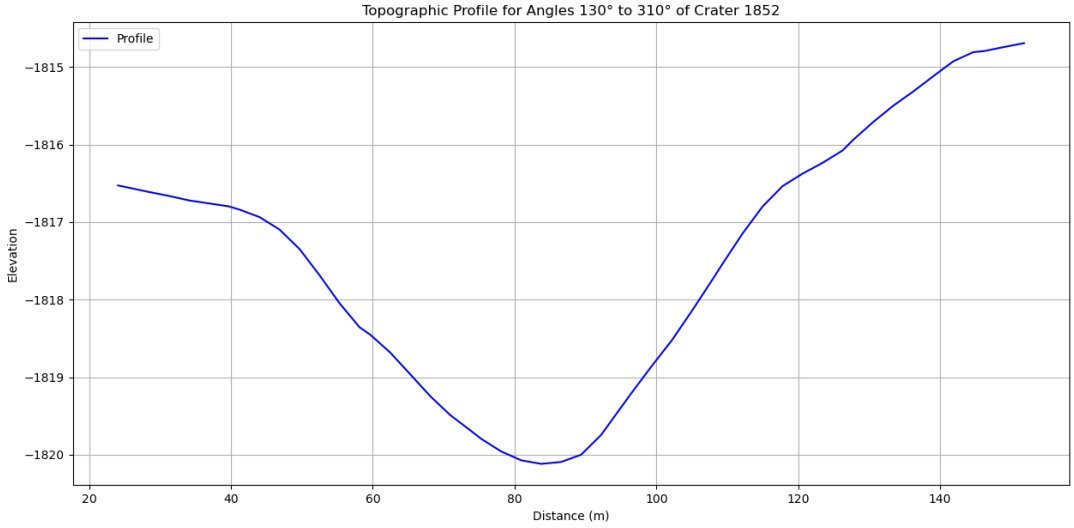

Topographic Profile for Angles 80° to 260° of Crater 1852
Profile
Elevation
Distance (m)
−1816
−1817
−1818
−1819
−1820
0
20
40
60
80
100
120

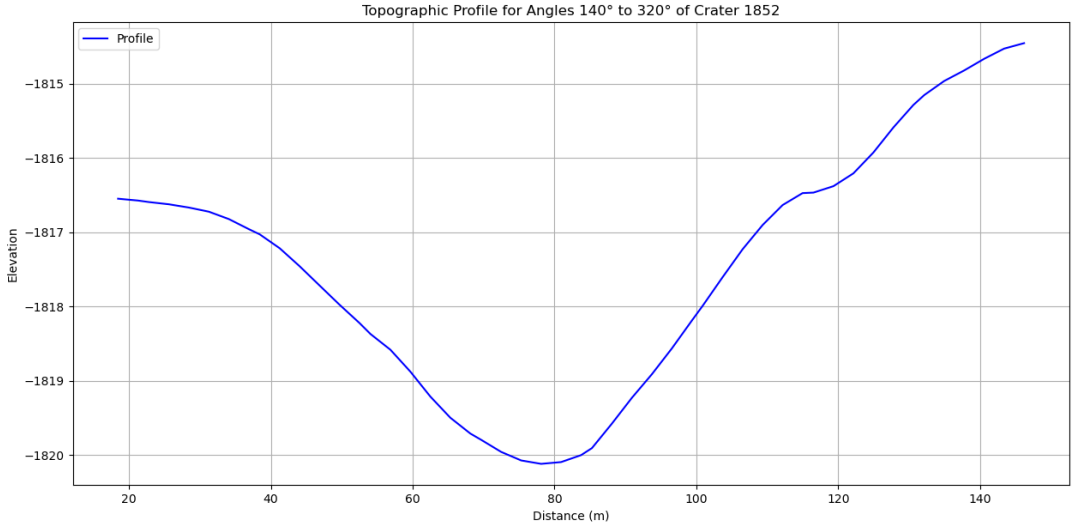

Topographic Profile for Angles 90° to 270° of Crater 1852
Profile
Elevation
−1816
−1817
−1818
−1819
−1820
0
20
40
60
80
100
120
Distance (m)

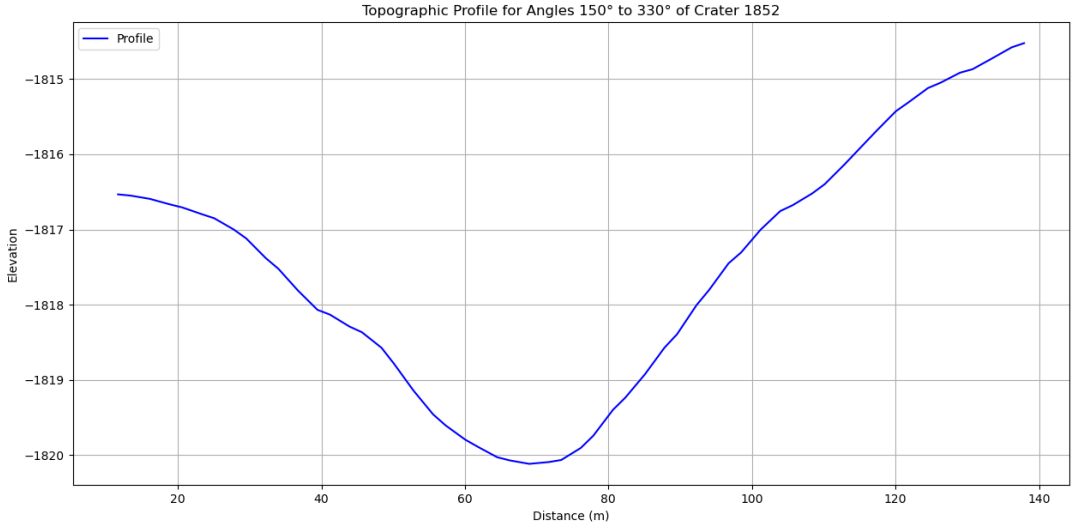

Topographic Profile for Angles 100° to 280° of Crater 1852
Profile
Elevation
−1816
−1817
−1818
−1819
−1820
0
20
40
60
80
100
120
Distance (m)

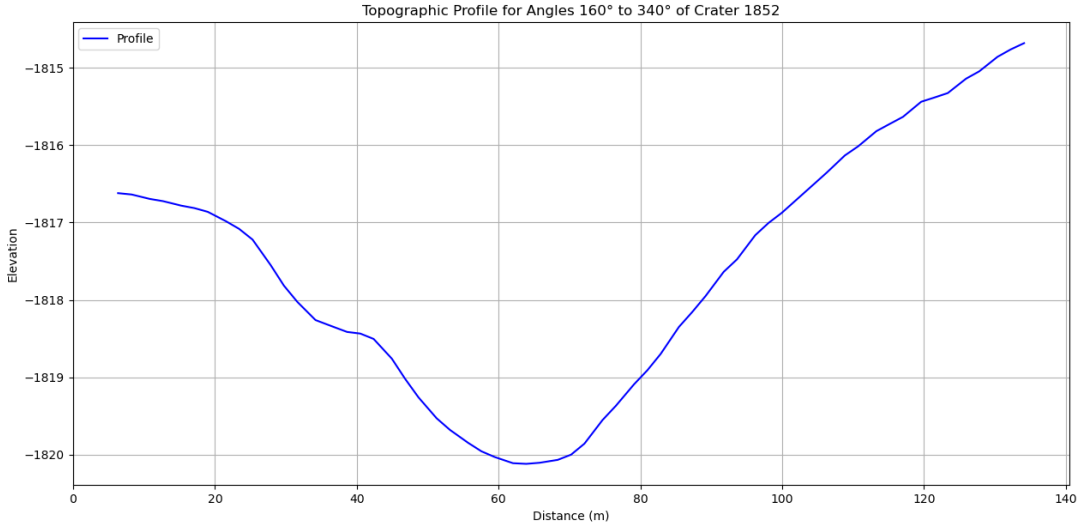

Topographic Profile for Angles 110° to 290° of Crater 1852
Profile
Elevation
Distance (m)
−1815
−1816
−1817
−1818
−1819
−1820
0
20
40
60
80
100
120
140

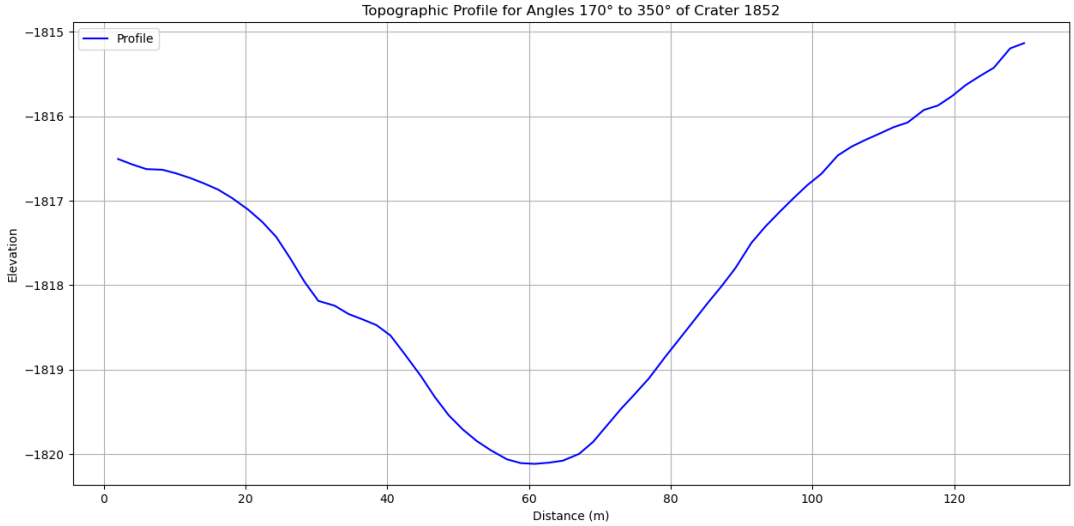

Topographic Profile for Angles 120° to 300° of Crater 1852
Profile
Elevation
Distance (m)
−1815
−1816
−1817
−1818
−1819
−1820
20
40
60
80
100
120
140


Topographic Profile for Angles 130° to 310° of Crater 1852
Profile
Elevation
Distance (m)
−1815
−1816
−1817
−1818
−1819
−1820
20
40
60
80
100
120
140


Topographic Profile for Angles 140° to 320° of Crater 1852
Profile
Elevation
Distance (m)
−1815
−1816
−1817
−1818
−1819
−1820
20
40
60
80
100
120
140


Topographic Profile for Angles 150° to 330° of Crater 1852
Profile
Elevation
Distance (m)
−1815
−1816
−1817
−1818
−1819
−1820
20
40
60
80
100
120
140


Topographic Profile for Angles 160° to 340° of Crater 1852
Profile
Elevation
Distance (m)
−1815
−1816
−1817
−1818
−1819
−1820
0
20
40
60
80
100
120
140


Topographic Profile for Angles 170° to 350° of Crater 1852
Profile
Elevation
Distance (m)
−1815
−1816
−1817
−1818
−1819
−1820
0
20
40
60
80
100
120