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

Slope : Between 4.4° et 6.31°

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)

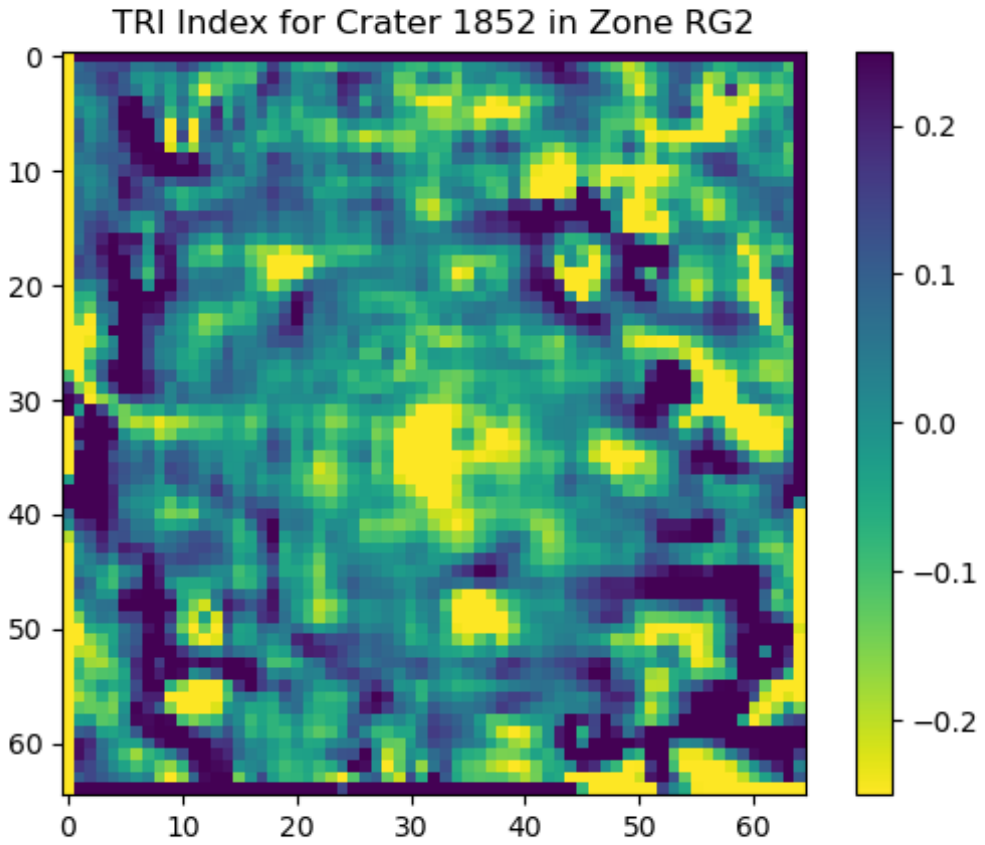
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	5.08	0.57
10°	5.03	0.55
20°	4.8	0.52
30°	5.39	0.46
40°	5.47	0.42
50°	5.06	0.42
60°	4.4	0.47
70°	4.94	0.52
80°	5.01	0.54
90°	4.46	0.57
100°	4.55	0.54
110°	5.03	0.52

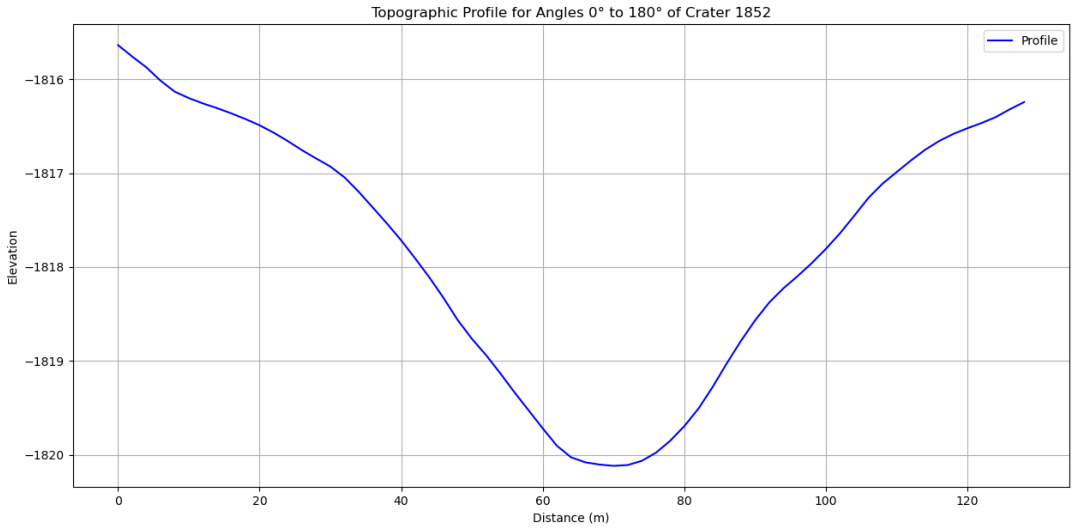
120°	5.18	0.48
130°	5.5	0.42
140°	5.26	0.42
150°	4.67	0.47
160°	4.67	0.51
170°	4.71	0.55
180°	5.15	0.57
190°	5.53	0.54
200°	5.77	0.51
210°	5.62	0.48
220°	5.73	0.42
230°	5.99	0.42
240°	6.31	0.48
250°	6.25	0.51
260°	6.21	0.55
270°	6.2	0.57
280°	5.85	0.55
290°	5.84	0.51
300°	5.55	0.47
310°	5.64	0.43
320°	5.29	0.43
330°	5.2	0.48
340°	5.0	0.51
350°	5.14	0.54

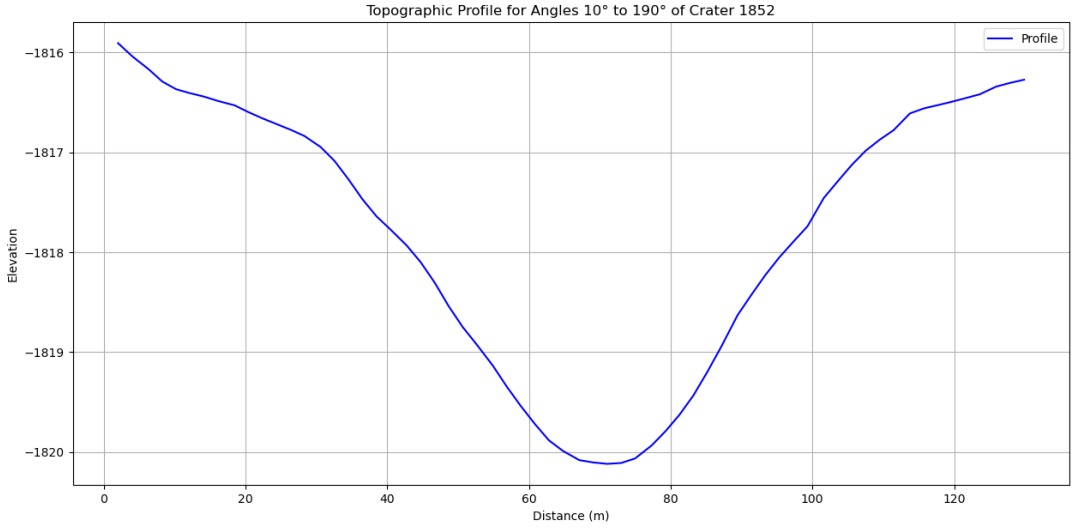
Topographic roughness index (TRI)

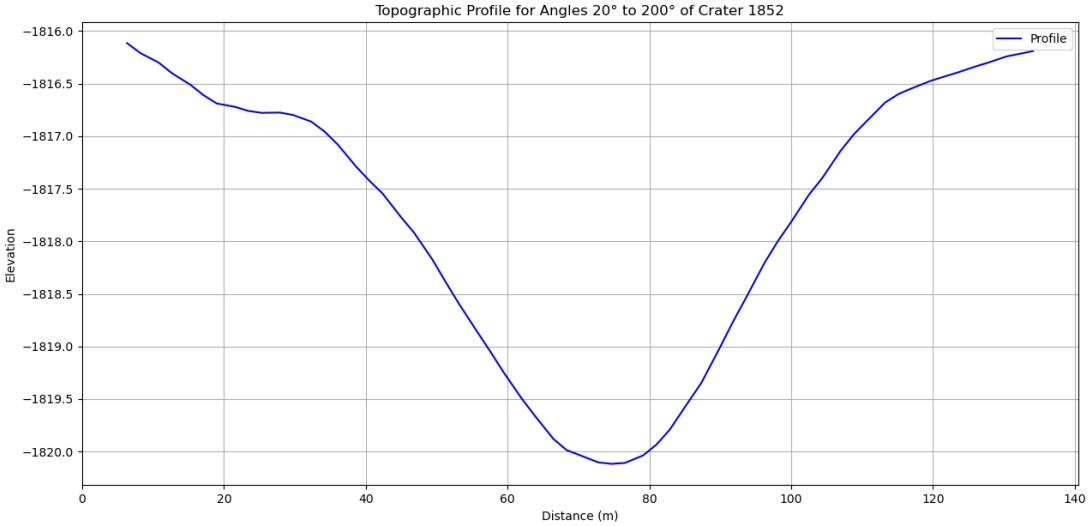
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

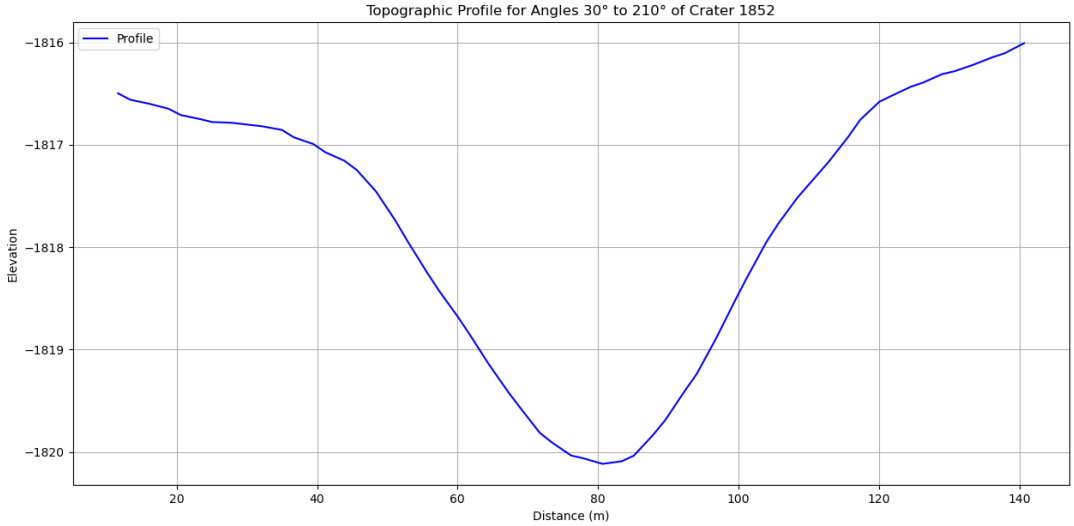


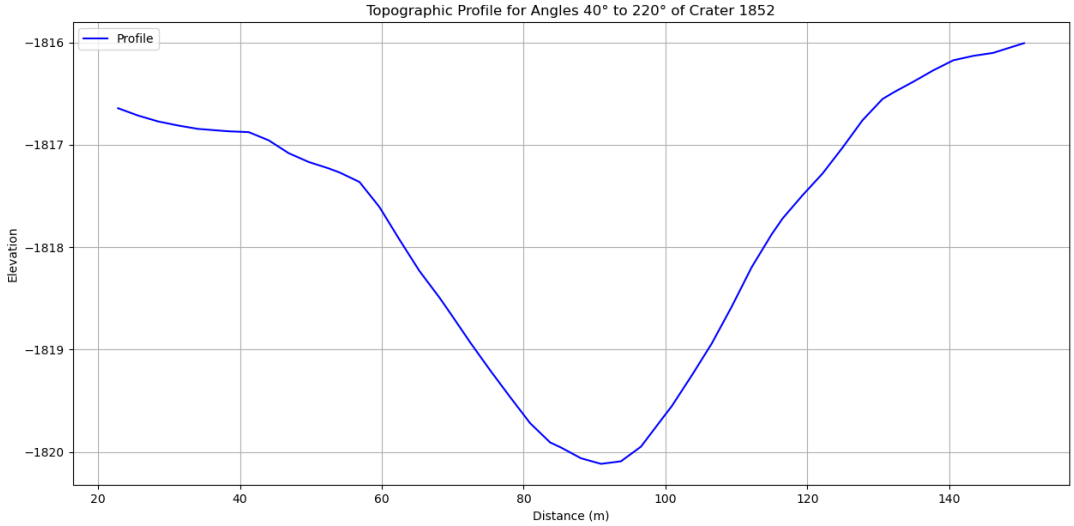
Topographic profiles

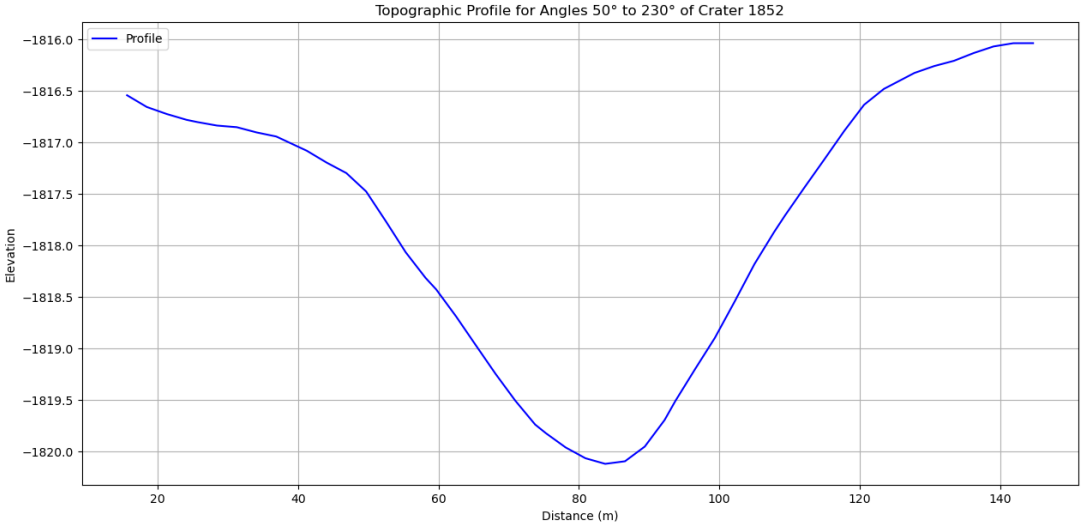


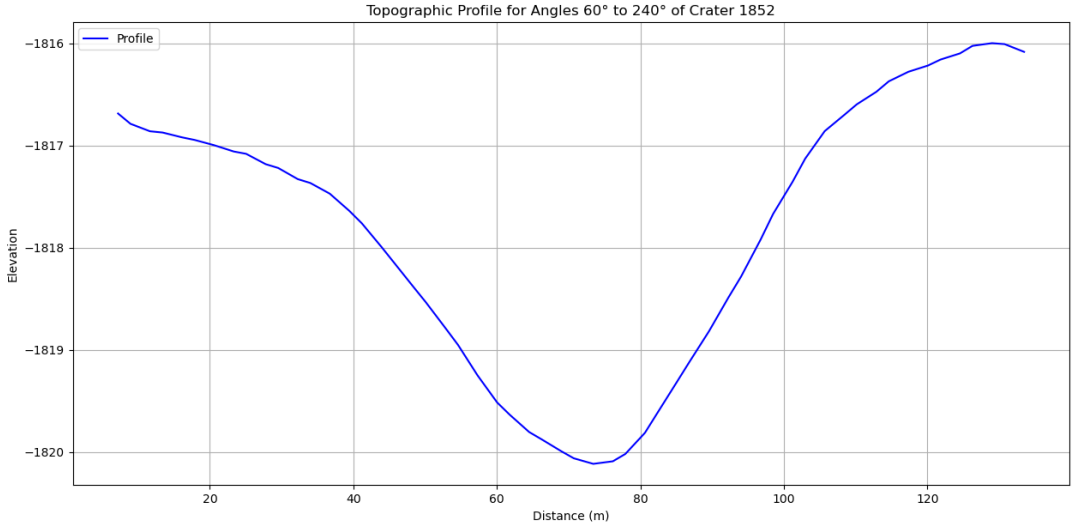

Topographic Profile for Angles 10° to 190° of Crater 1852
Profile
Elevation
Distance (m)
−1816
−1817
−1818
−1819
−1820
0
20
40
60
80
100
120

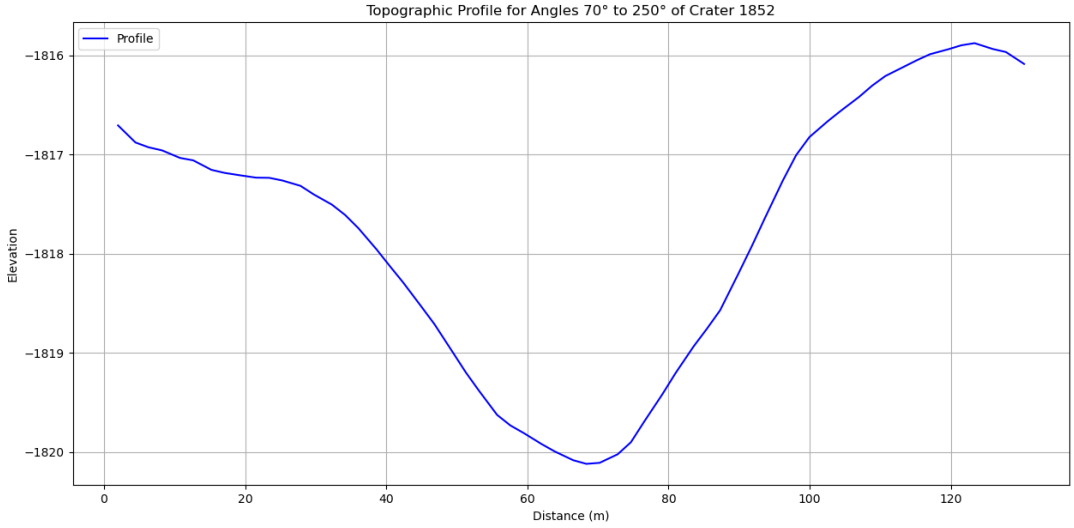

Topographic Profile for Angles 20° to 200° of Crater 1852
Profile
Elevation
Distance (m)
−1816.0
−1816.5
−1817.0
−1817.5
−1818.0
−1818.5
−1819.0
−1819.5
−1820.0
0
20
40
60
80
100
120
140

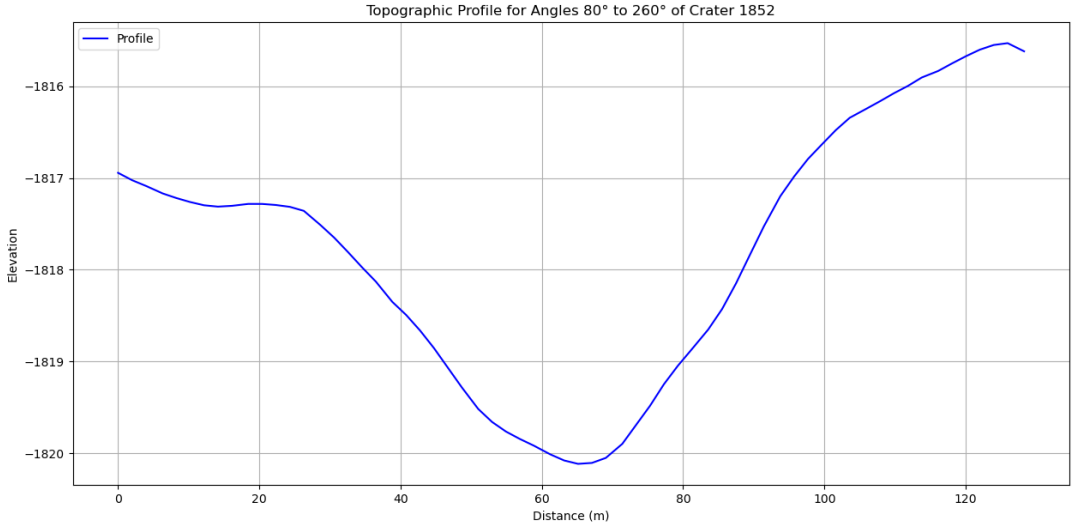

Topographic Profile for Angles 30° to 210° of Crater 1852
Profile
Elevation
Distance (m)
−1816
−1817
−1818
−1819
−1820
20
40
60
80
100
120
140

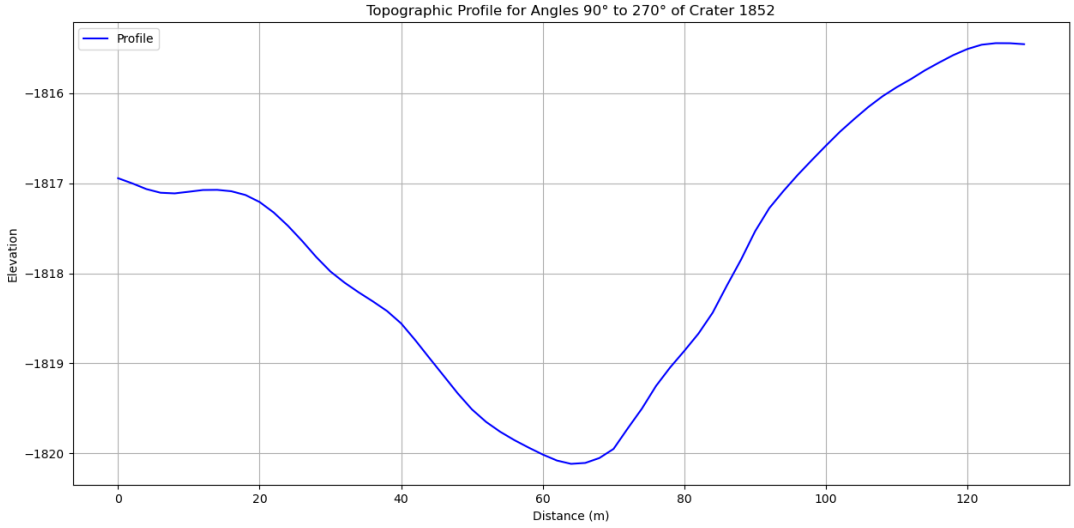

Topographic Profile for Angles 40° to 220° of Crater 1852
Profile
Elevation
Distance (m)
−1816
−1817
−1818
−1819
−1820
20
40
60
80
100
120
140

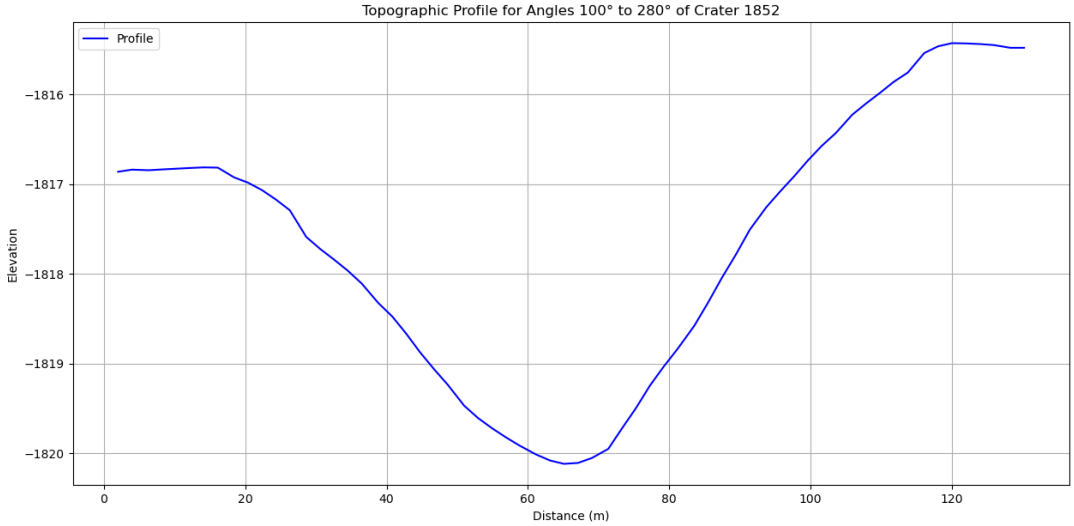

Topographic Profile for Angles 50° to 230° of Crater 1852
Profile
Elevation
Distance (m)
−1816.0
−1816.5
−1817.0
−1817.5
−1818.0
−1818.5
−1819.0
−1819.5
−1820.0
20
40
60
80
100
120
140

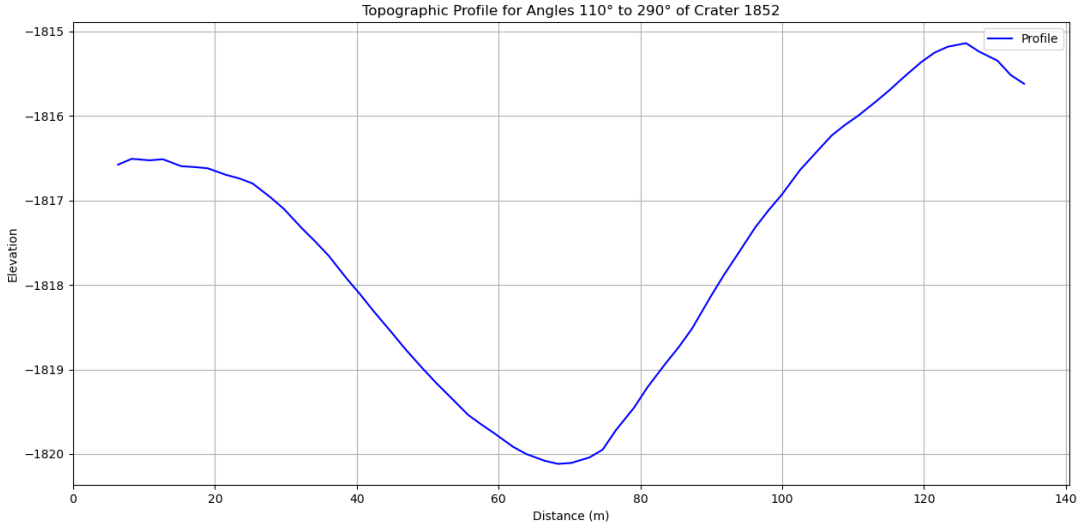

Topographic Profile for Angles 60° to 240° of Crater 1852
Profile
Elevation
Distance (m)
−1816
−1817
−1818
−1819
−1820
20
40
60
80
100
120


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)
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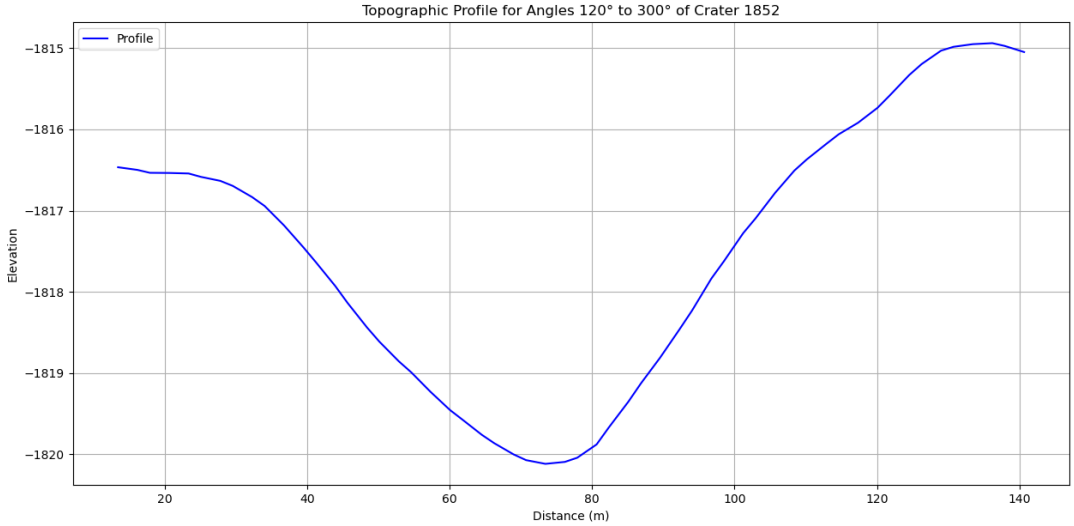
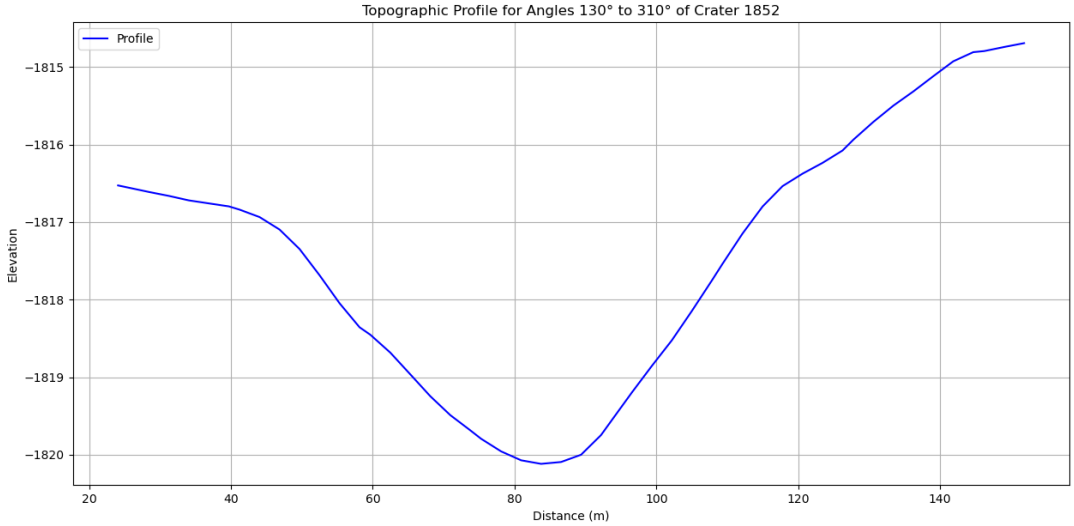
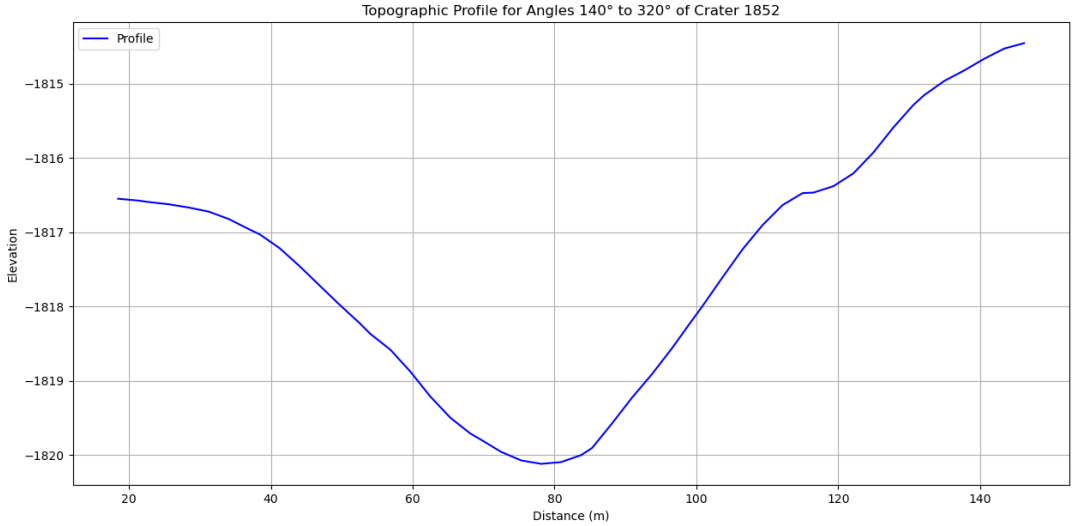
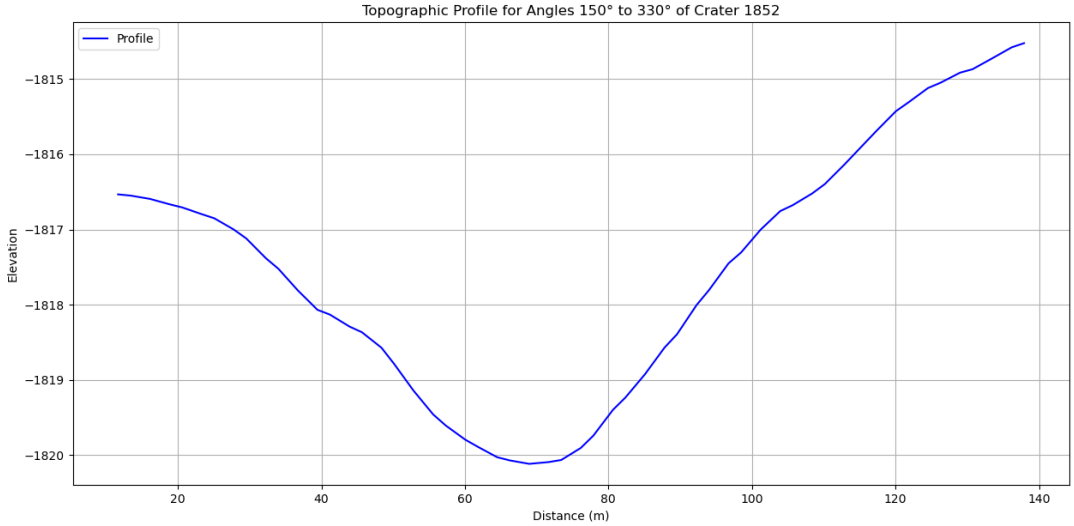
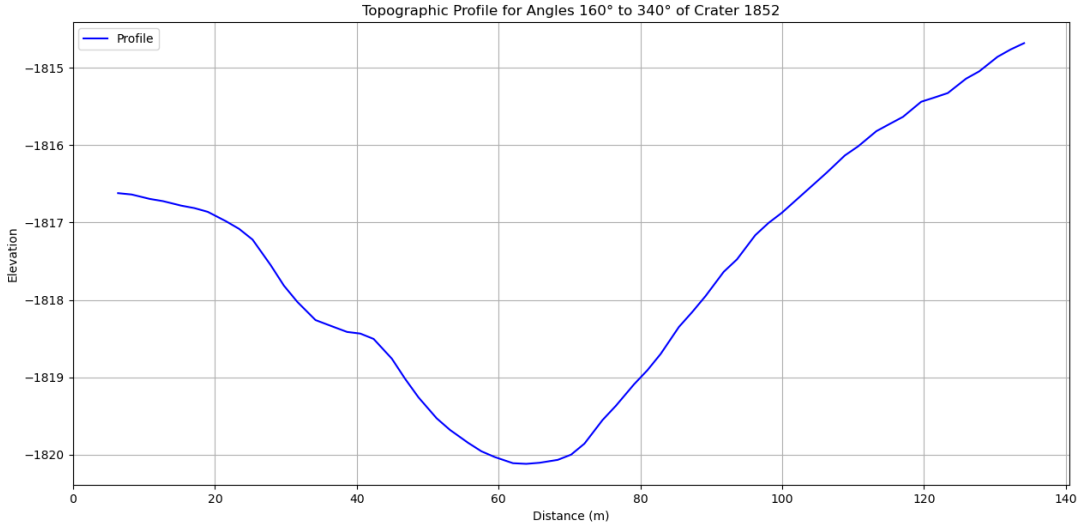
−1816
−1817
−1818
−1819
−1820
0
20
40
60
80
100
120
140

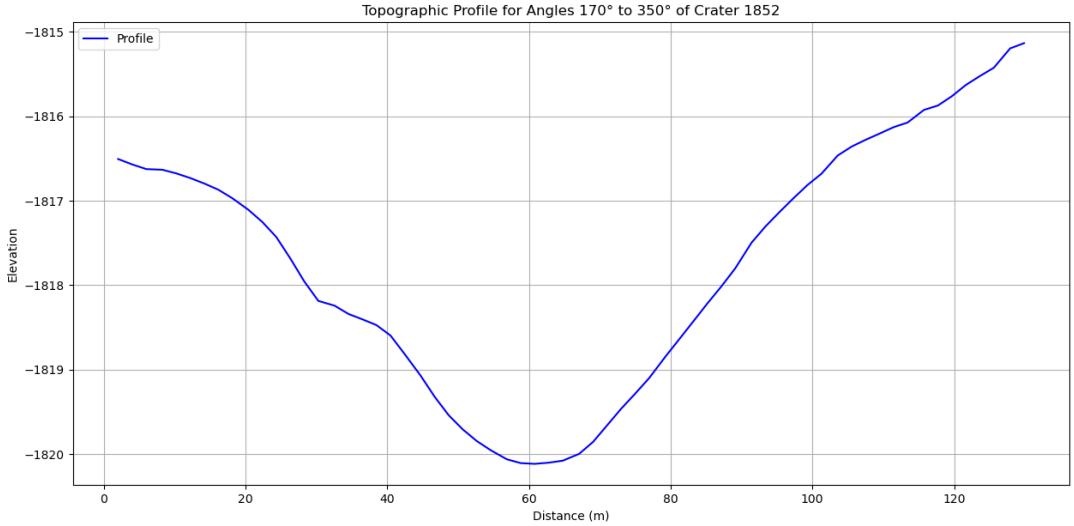

Topographic Profile for Angles 120° to 300° of Crater 1852
Profile
Elevation
Distance (m)
−1815
−1816
−1817
−1818
−1819
−1820
20
40
60
80
100
120
140


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