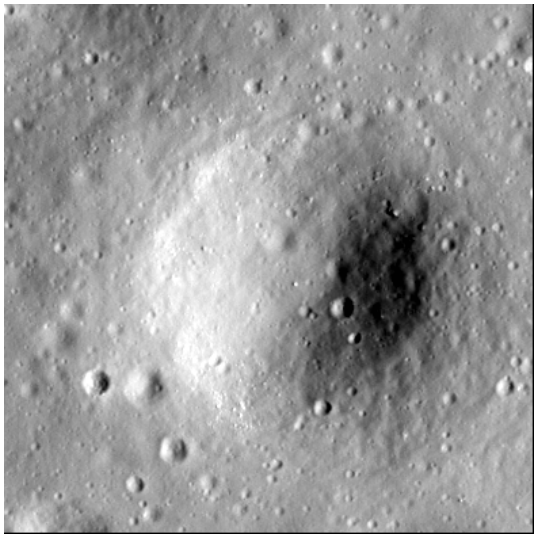
Crater report 1804 of RG2

General information



ID : 1804

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : B - BC

Mean Diameter : 200m ± 7.0m

Mean depht : 19.8m ± 0.3m

d/D ratio : 0.099 ± 0.004

Circularity index : 0.95

Slope : Between 16.34° et 20.34°

Mean value of TRI on the rim crest : 0.55

Geometric center coordinates : (3658237.5423215963, 221238.7006350655)

Coordinates of the crater's lowest point : (3658241.000001101, 221231.00000006525)

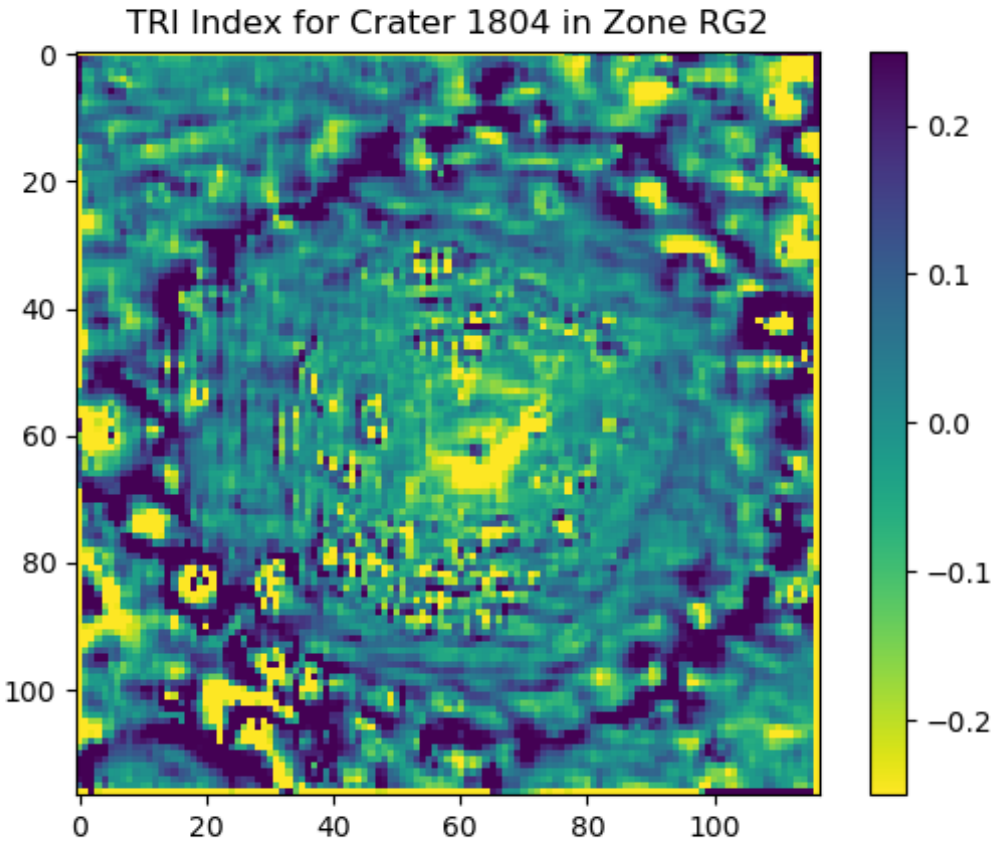
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	19.8	0.55
10°	18.85	0.53
20°	18.27	0.5
30°	18.1	0.48
40°	18.27	0.42
50°	16.71	0.43
60°	16.6	0.48
70°	16.34	0.5
80°	17.08	0.53
90°	18.56	0.56
100°	17.92	0.53
110°	16.97	0.5

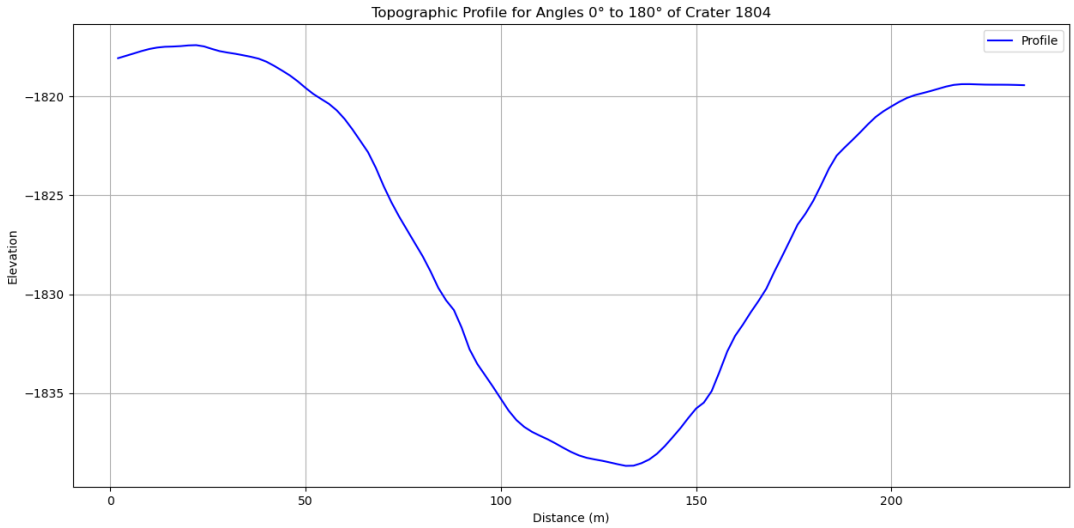
120°	17.22	0.47
130°	17.65	0.42
140°	18.16	0.43
150°	17.24	0.47
160°	17.51	0.5
170°	18.6	0.53
180°	20.34	0.55
190°	18.94	0.53
200°	18.8	0.5
210°	19.0	0.47
220°	18.63	0.43
230°	19.17	0.42
240°	19.29	0.47
250°	18.21	0.5
260°	18.01	0.53
270°	17.81	0.56
280°	17.07	0.54
290°	17.6	0.5
300°	17.81	0.47
310°	18.35	0.42
320°	18.33	0.42
330°	17.42	0.47
340°	18.01	0.51
350°	19.26	0.53

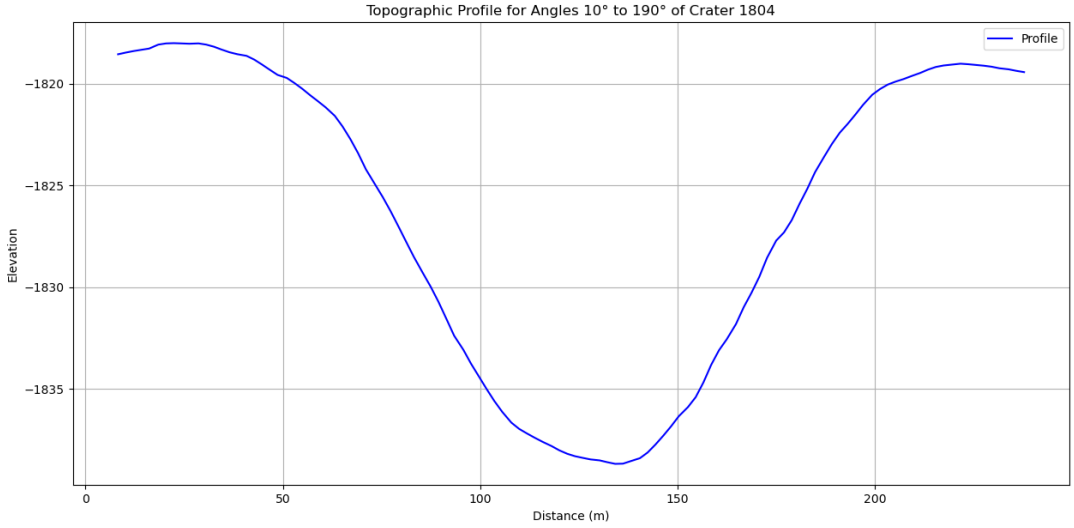
Topographic roughness index (TRI)

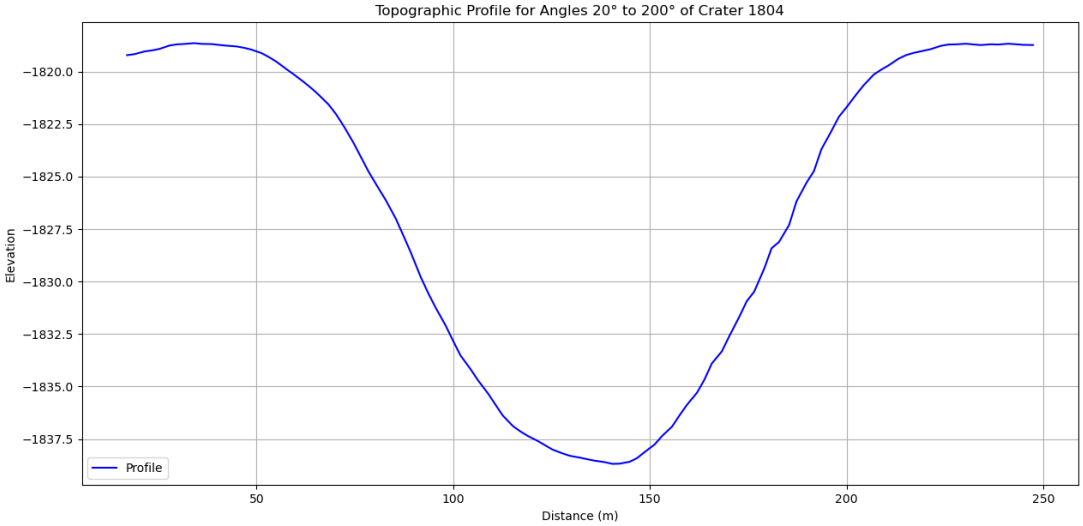
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

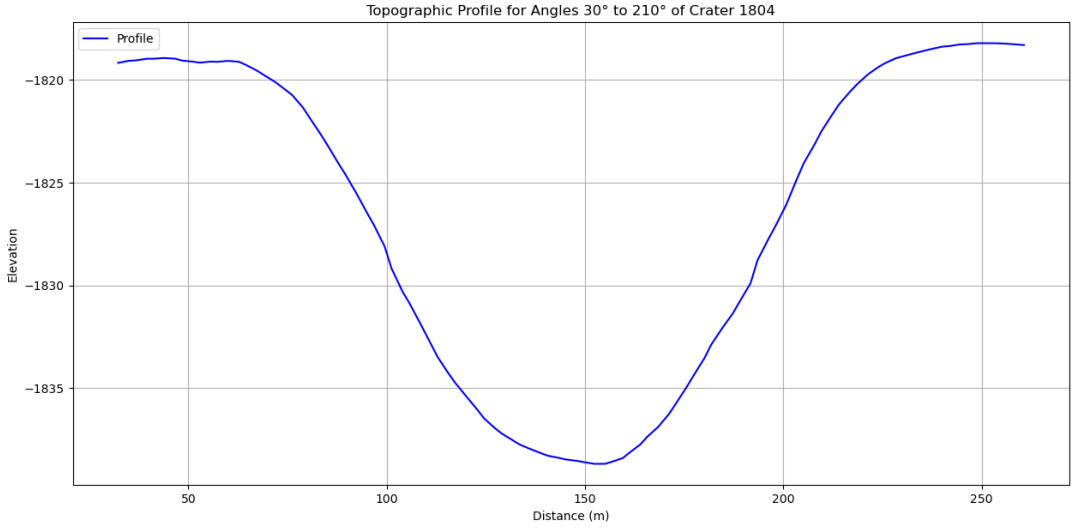


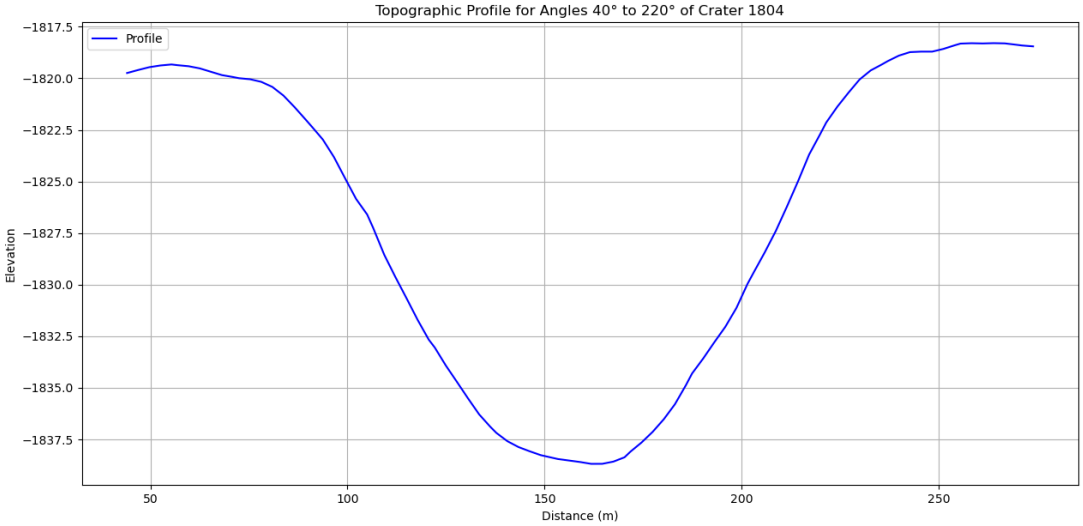
Topographic profiles

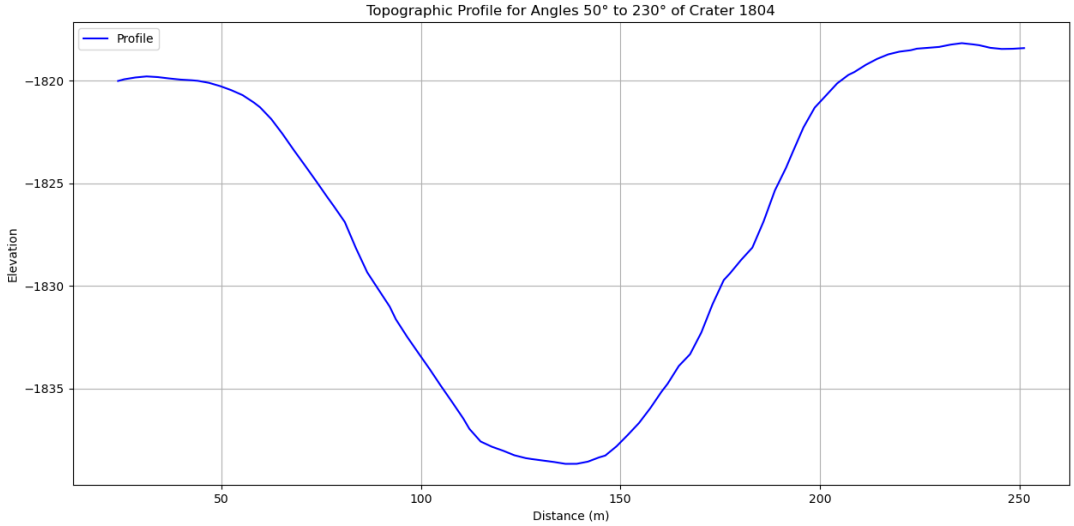


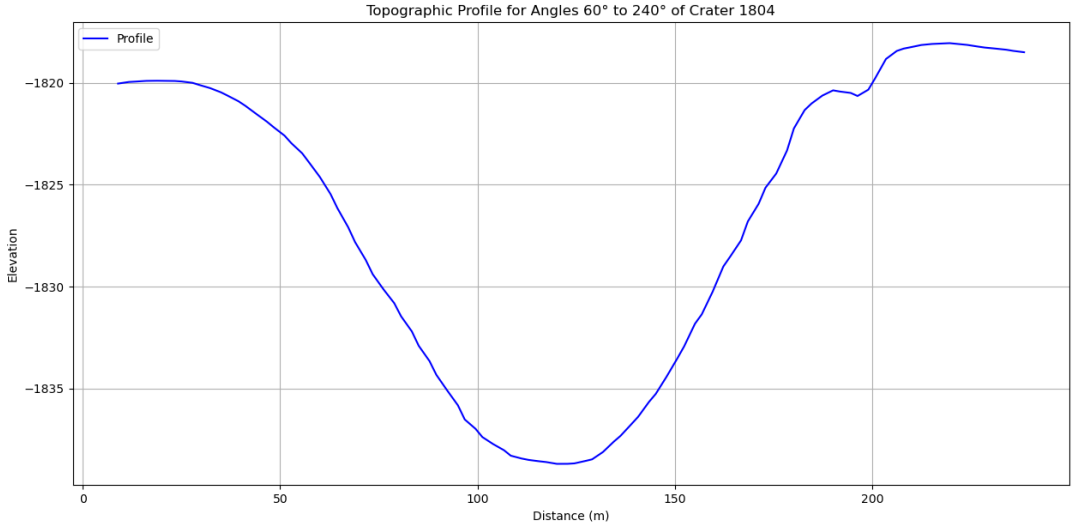

Topographic Profile for Angles 10° to 190° of Crater 1804
Profile
Elevation
−1820
−1825
−1830
−1835
0
50
100
150
200
Distance (m)

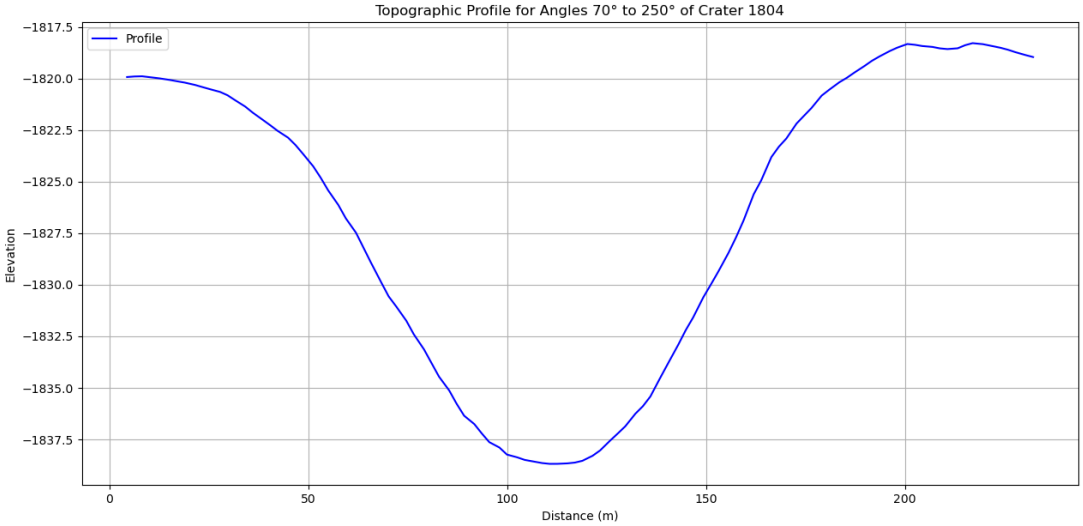

Topographic Profile for Angles 20° to 200° of Crater 1804
Elevation
−1820.0
−1822.5
−1825.0
−1827.5
−1830.0
−1832.5
−1835.0
−1837.5
Profile
50
100
150
200
250
Distance (m)

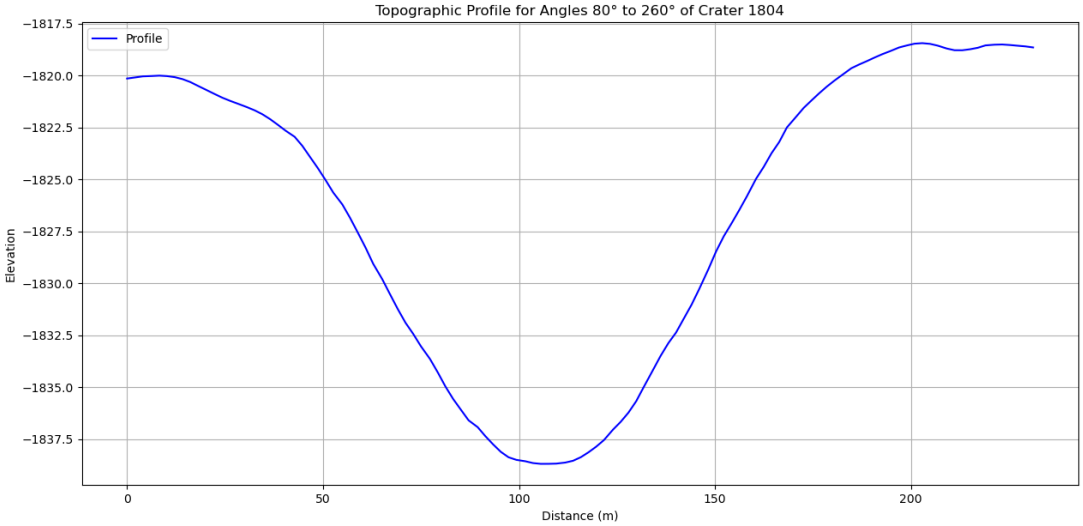

Topographic Profile for Angles 30° to 210° of Crater 1804
Profile
−1820
−1825
−1830
−1835
Elevation
50
100
150
200
250
Distance (m)

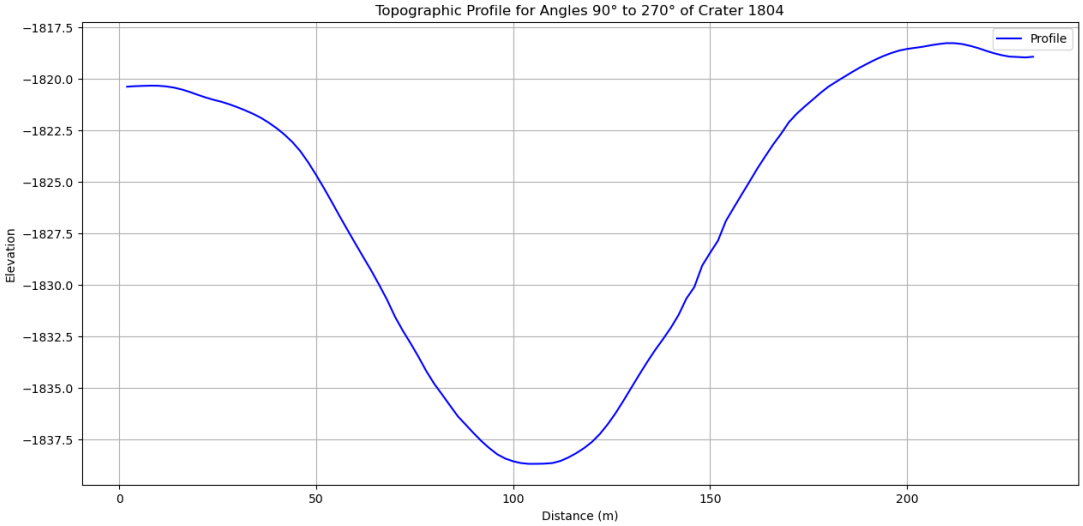

Topographic Profile for Angles 40° to 220° of Crater 1804
Profile
−1817.5
−1820.0
−1822.5
−1825.0
−1827.5
−1830.0
−1832.5
−1835.0
−1837.5
Elevation
50
100
150
200
250
Distance (m)

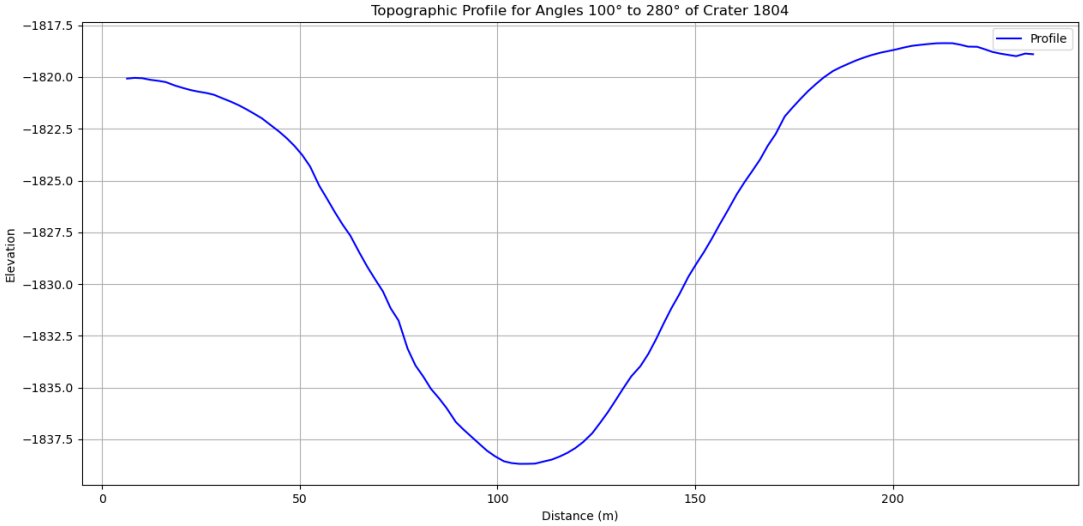

Topographic Profile for Angles 50° to 230° of Crater 1804
Profile
−1820
−1825
−1830
−1835
Elevation
50
100
150
200
250
Distance (m)

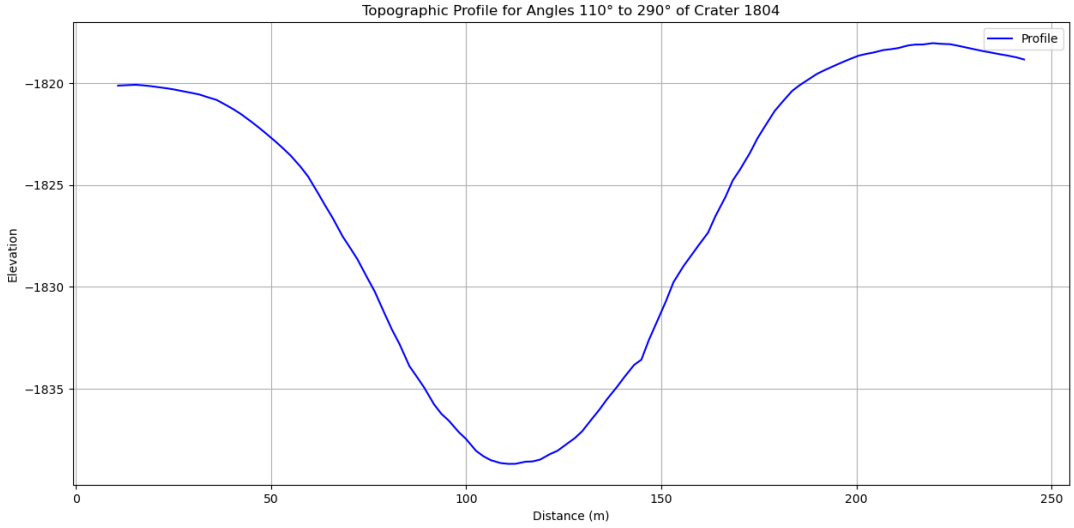

Topographic Profile for Angles 60° to 240° of Crater 1804
Profile
−1820
−1825
−1830
−1835
Elevation
0
50
100
150
200
Distance (m)

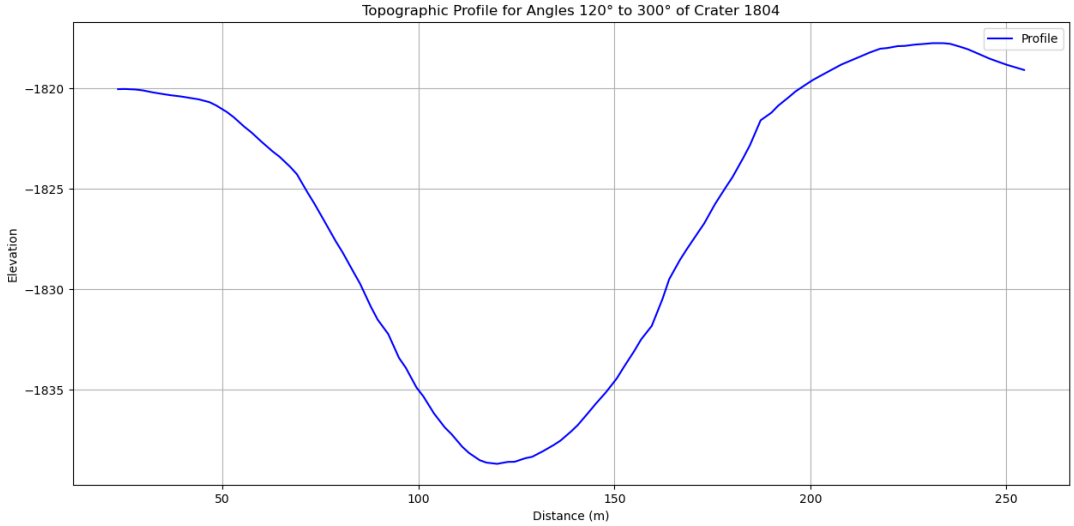

Topographic Profile for Angles 70° to 250° of Crater 1804
Profile
Elevation
Distance (m)
−1817.5
−1820.0
−1822.5
−1825.0
−1827.5
−1830.0
−1832.5
−1835.0
−1837.5
0
50
100
150
200

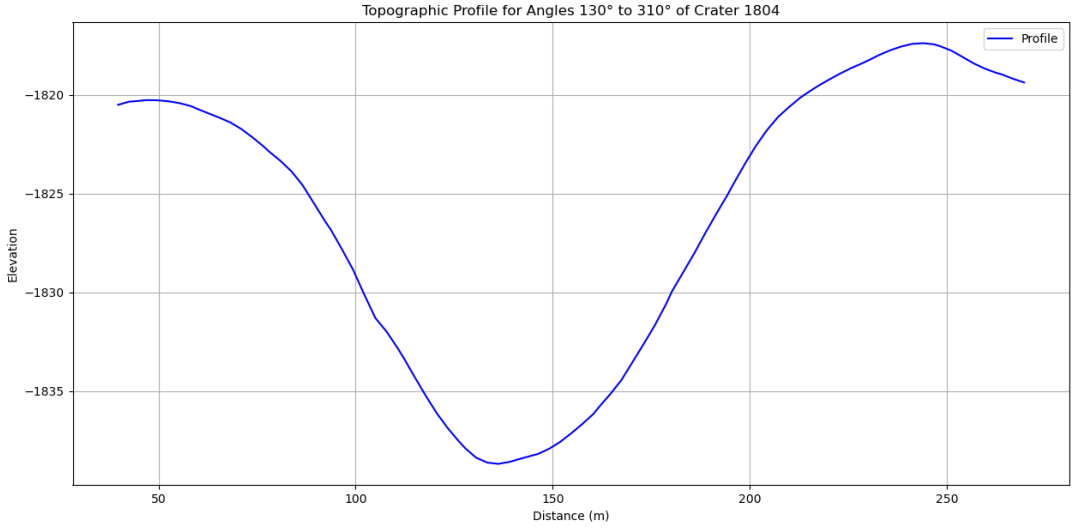

Topographic Profile for Angles 80° to 260° of Crater 1804
Profile
Elevation
Distance (m)
−1817.5
−1820.0
−1822.5
−1825.0
−1827.5
−1830.0
−1832.5
−1835.0
−1837.5
0
50
100
150
200

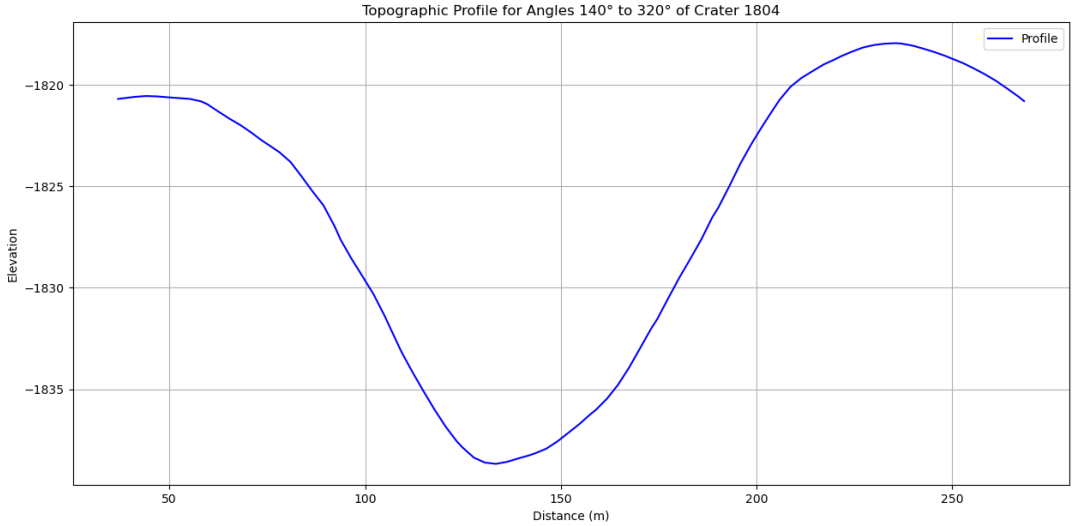

Topographic Profile for Angles 90° to 270° of Crater 1804
Profile
Elevation
Distance (m)
−1817.5
−1820.0
−1822.5
−1825.0
−1827.5
−1830.0
−1832.5
−1835.0
−1837.5
0
50
100
150
200

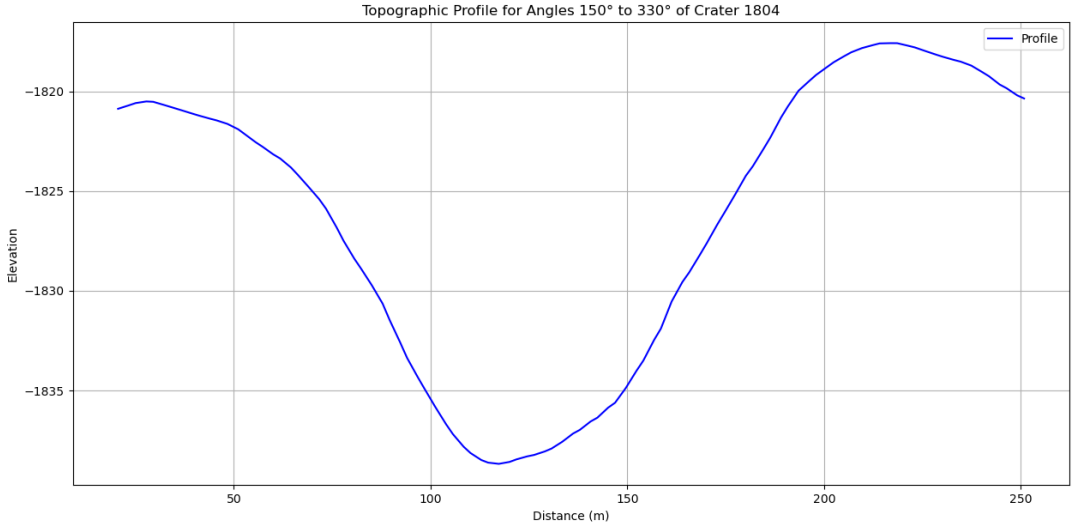

Topographic Profile for Angles 100° to 280° of Crater 1804
Profile
Elevation
Distance (m)
−1817.5
−1820.0
−1822.5
−1825.0
−1827.5
−1830.0
−1832.5
−1835.0
−1837.5
0
50
100
150
200

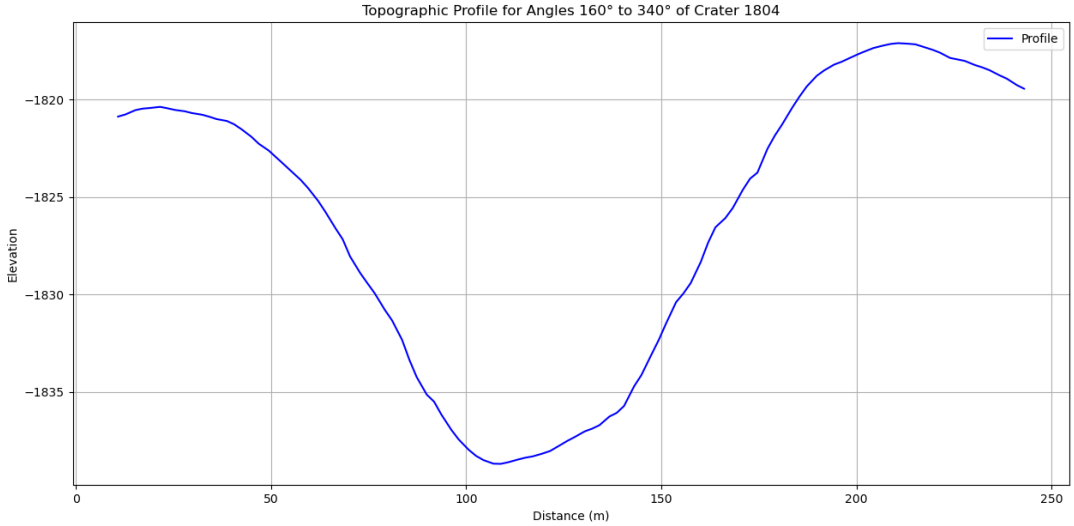

Topographic Profile for Angles 110° to 290° of Crater 1804
Profile
Elevation
−1820
−1825
−1830
−1835
0
50
100
150
200
250
Distance (m)

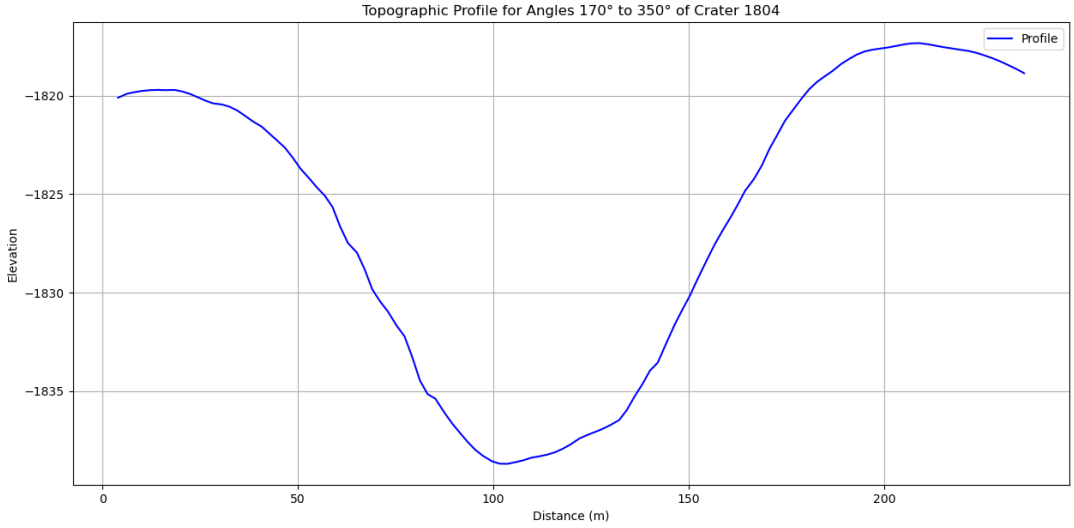

Topographic Profile for Angles 120° to 300° of Crater 1804
Profile
Elevation
−1820
−1825
−1830
−1835
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 1804
Profile
−1820
−1825
−1830
−1835
Elevation
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 1804
Profile
−1820
−1825
−1830
−1835
Elevation
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 1804
Profile
Elevation
−1820
−1825
−1830
−1835
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 1804
Profile
Elevation
−1820
−1825
−1830
−1835
0
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 1804
Profile
Elevation
−1820
−1825
−1830
−1835
0
50
100
150
200
Distance (m)