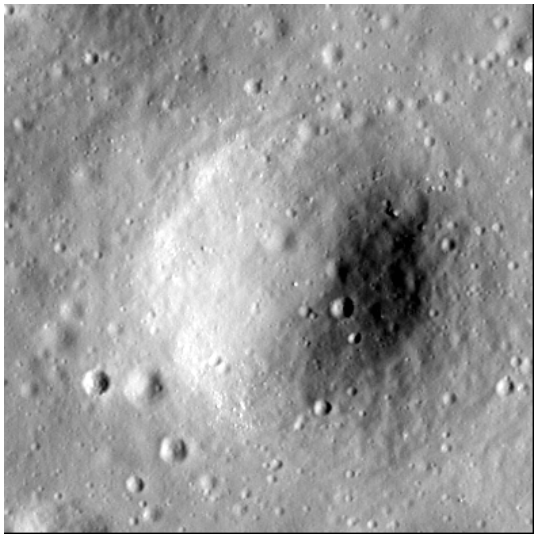
Crater report 1804 of RG2

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

Mean slope : 13.69°

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)

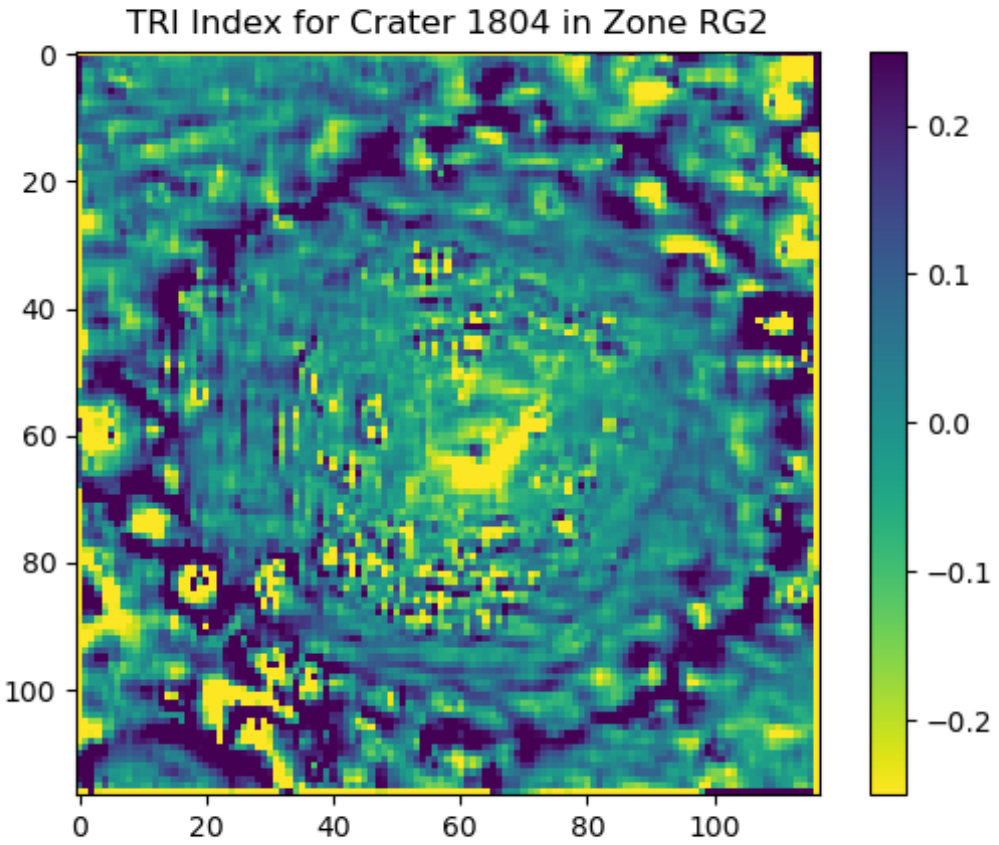
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	13.42	0.56
10°	12.8	0.54
20°	12.22	0.51
30°	12.0	0.48
40°	12.3	0.43
50°	12.09	0.43
60°	12.48	0.48
70°	12.78	0.51
80°	13.52	0.54
90°	14.52	0.56
100°	14.13	0.54
110°	13.84	0.51

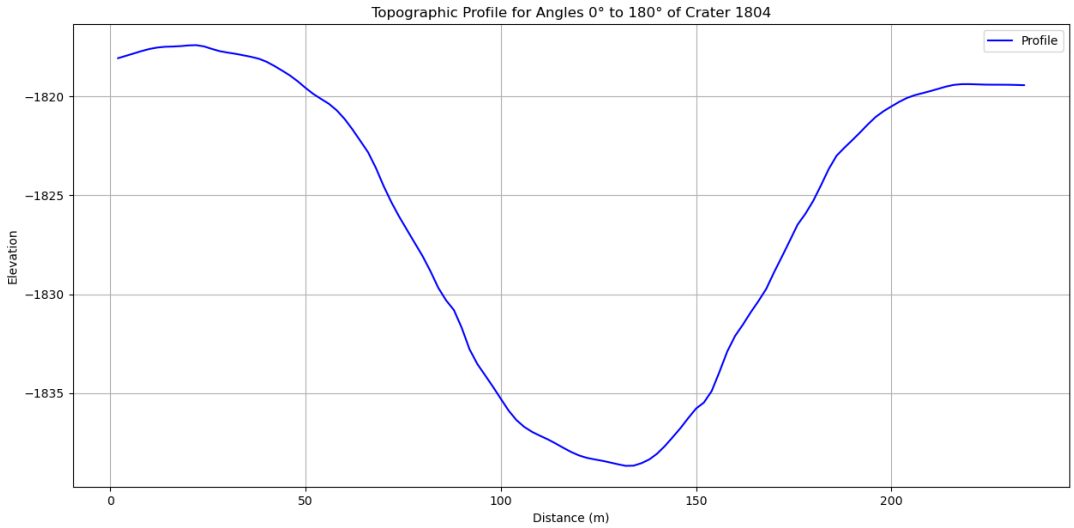
120°	14.21	0.48
130°	15.04	0.43
140°	15.33	0.43
150°	14.71	0.47
160°	14.59	0.51
170°	14.97	0.53
180°	16.0	0.56
190°	15.21	0.53
200°	14.72	0.5
210°	14.66	0.48
220°	14.75	0.43
230°	14.39	0.43
240°	14.04	0.47
250°	13.48	0.51
260°	13.68	0.54
270°	13.93	0.56
280°	13.18	0.54
290°	12.99	0.51
300°	13.06	0.47
310°	13.3	0.43
320°	13.0	0.43
330°	12.28	0.47
340°	12.22	0.51
350°	12.99	0.54

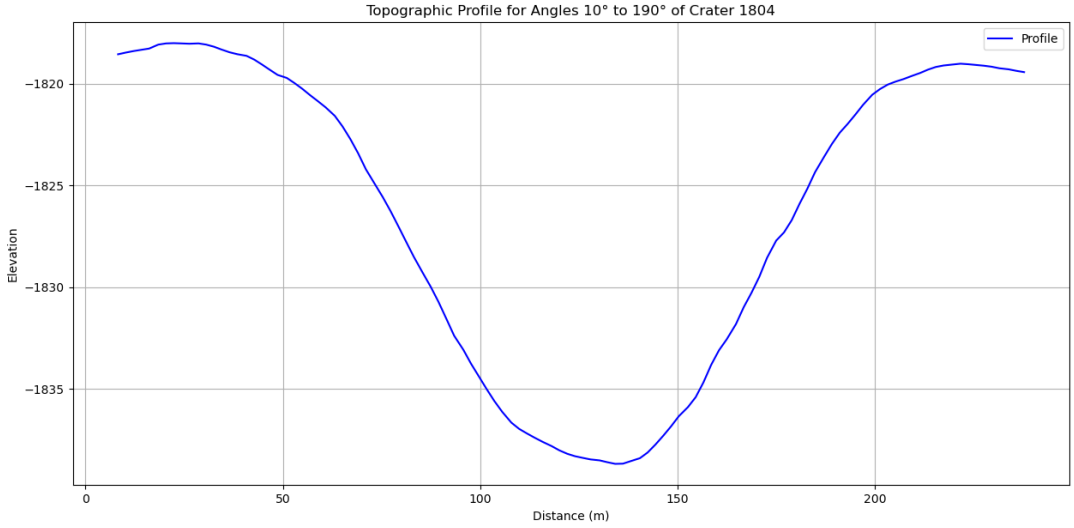
Topographic roughness index (TRI)

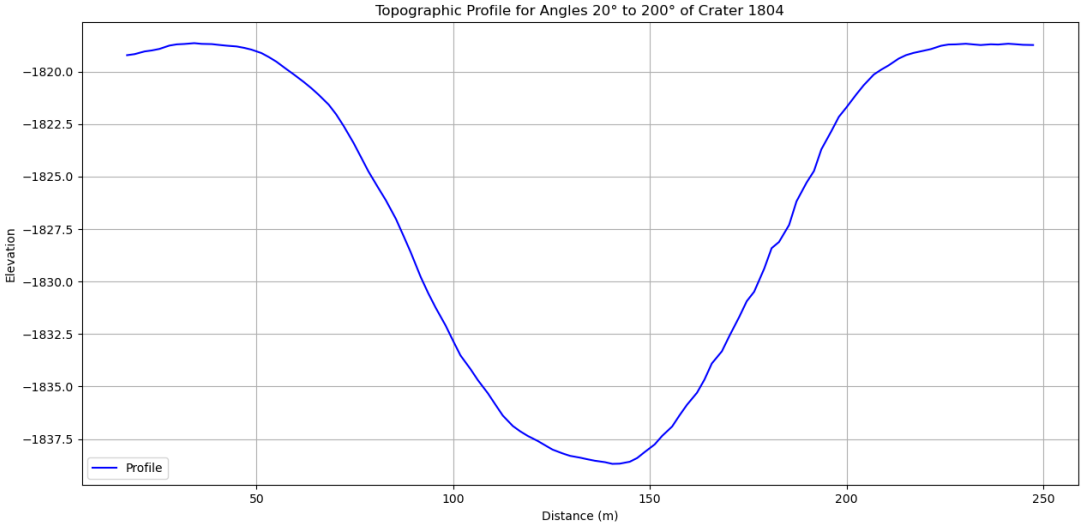
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

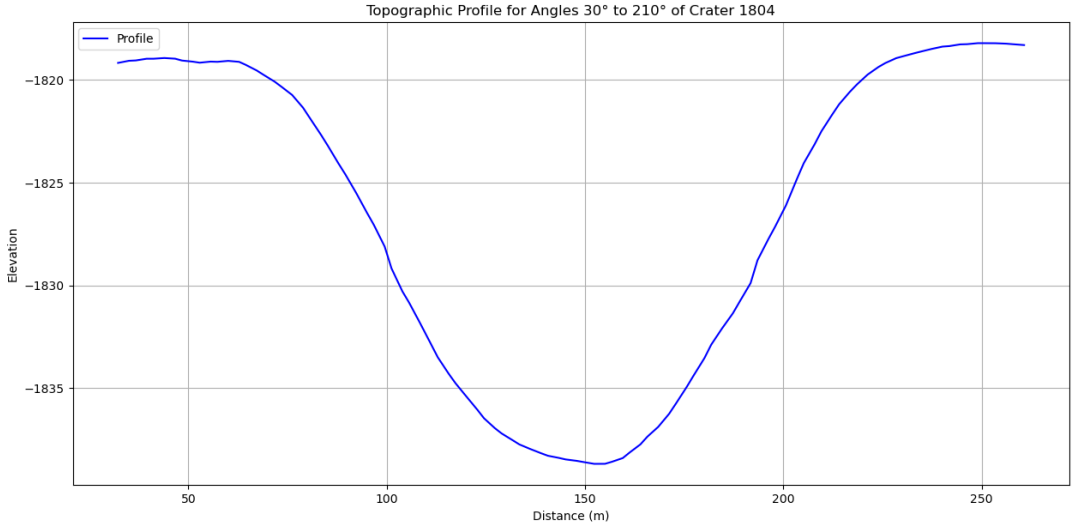


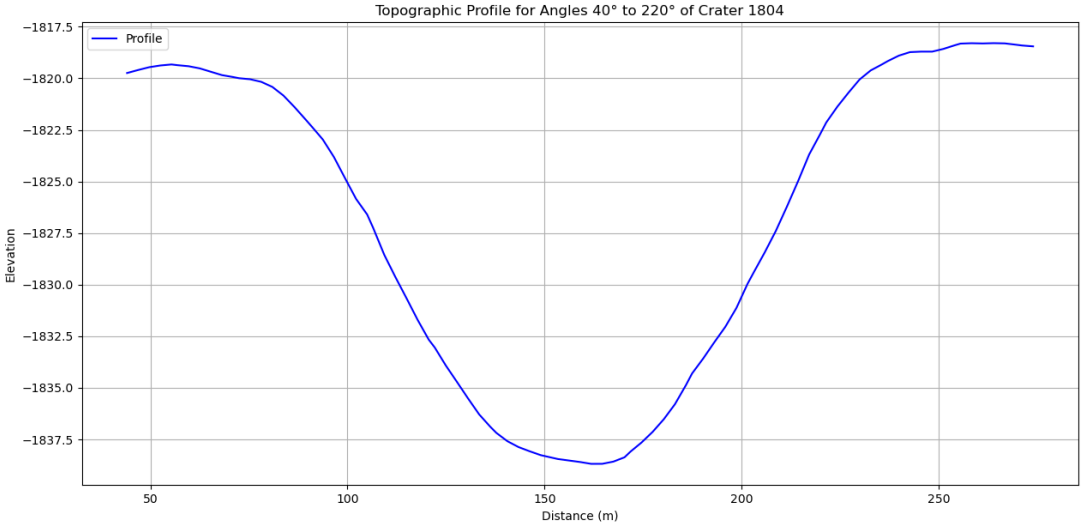
Topographic profiles

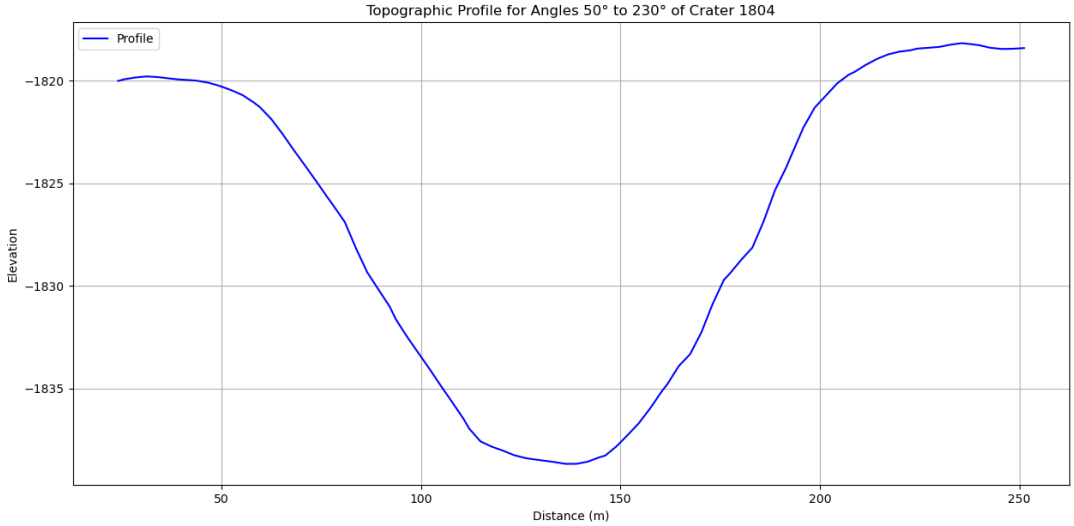


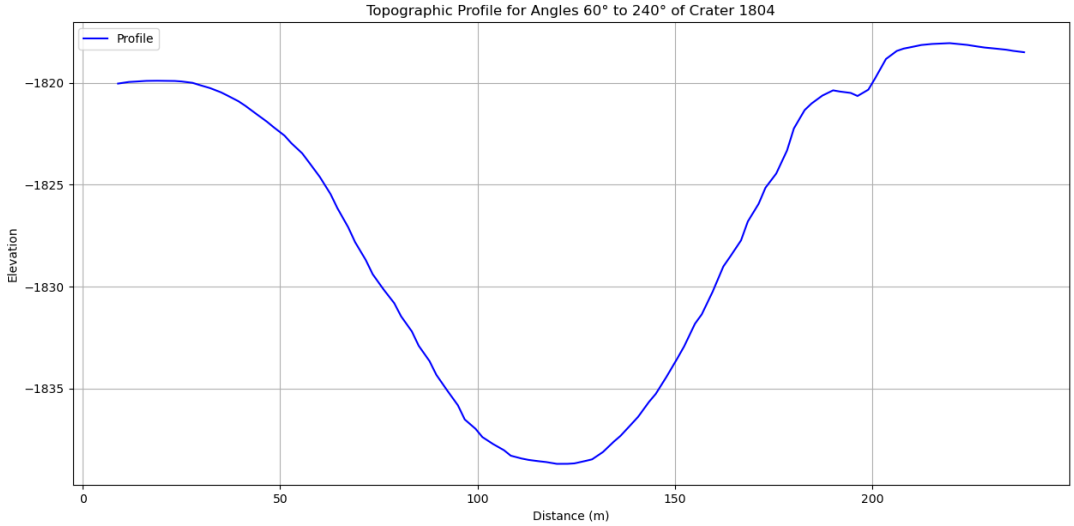

Topographic Profile for Angles 10° to 190° of Crater 1804
Profile
Elevation
−1820
−1825
−1830
−1835
0
50
100
150
200
Distance (m)

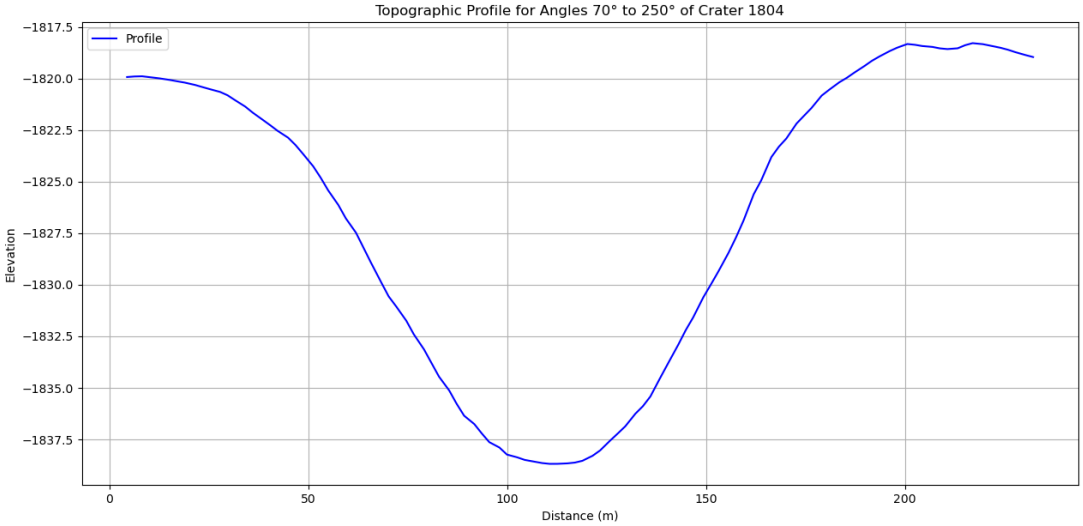

Topographic Profile for Angles 20° to 200° of Crater 1804
Elevation
−1820.0
−1822.5
−1825.0
−1827.5
−1830.0
−1832.5
−1835.0
−1837.5
Profile
50
100
150
200
250
Distance (m)

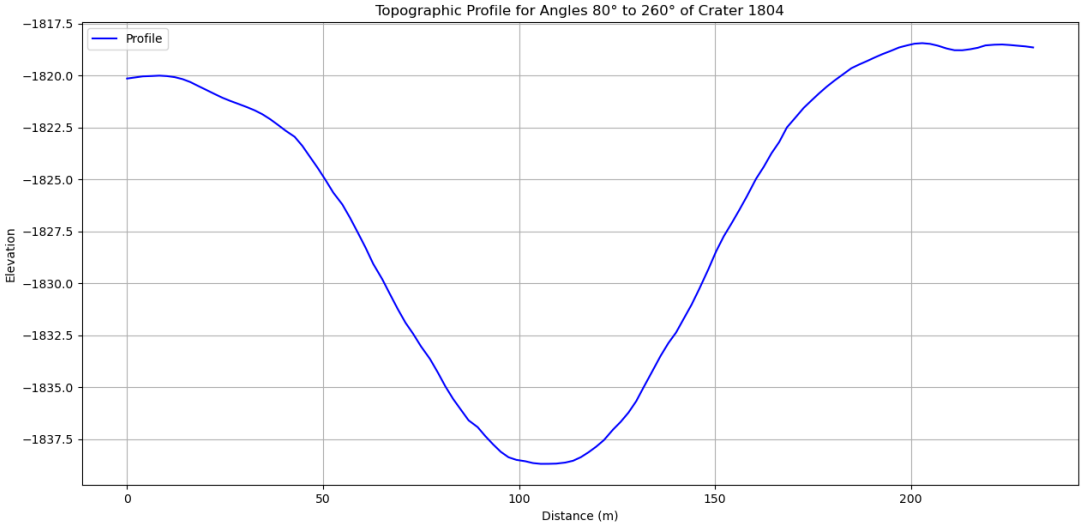

Topographic Profile for Angles 30° to 210° of Crater 1804
Profile
−1820
−1825
−1830
−1835
Elevation
50
100
150
200
250
Distance (m)

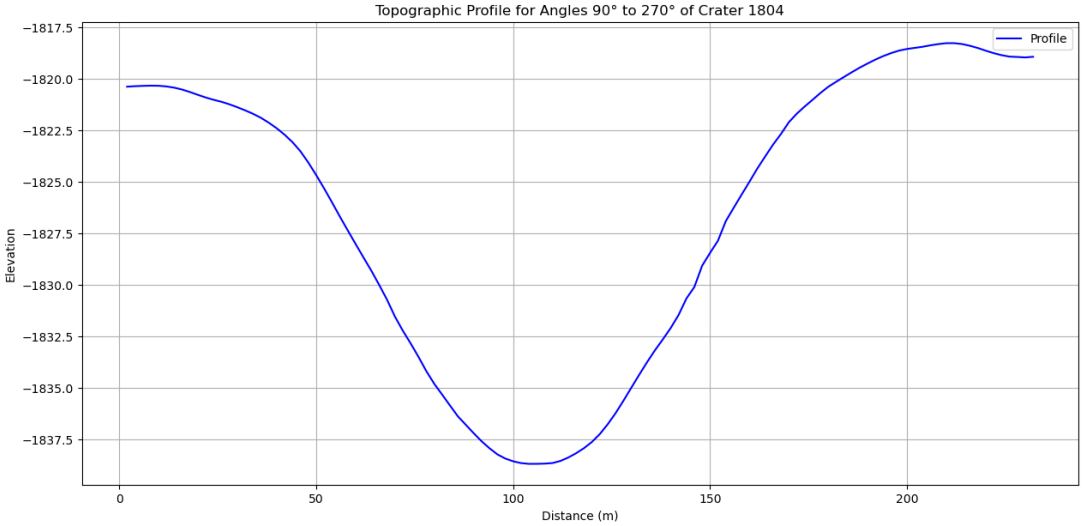

Topographic Profile for Angles 40° to 220° of Crater 1804
Profile
−1817.5
−1820.0
−1822.5
−1825.0
−1827.5
−1830.0
−1832.5
−1835.0
−1837.5
Elevation
50
100
150
200
250
Distance (m)

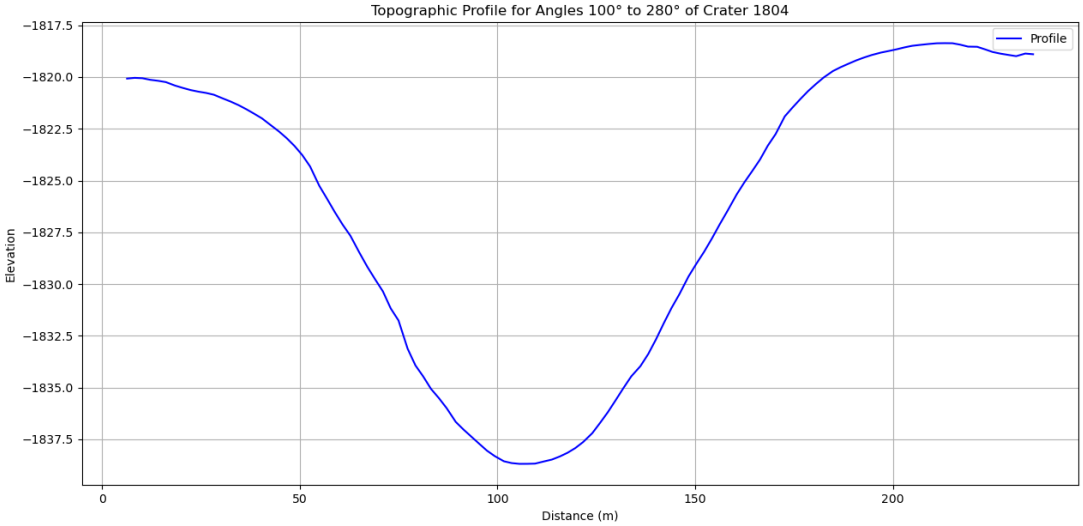

Topographic Profile for Angles 50° to 230° of Crater 1804
Profile
−1820
−1825
−1830
−1835
Elevation
50
100
150
200
250
Distance (m)

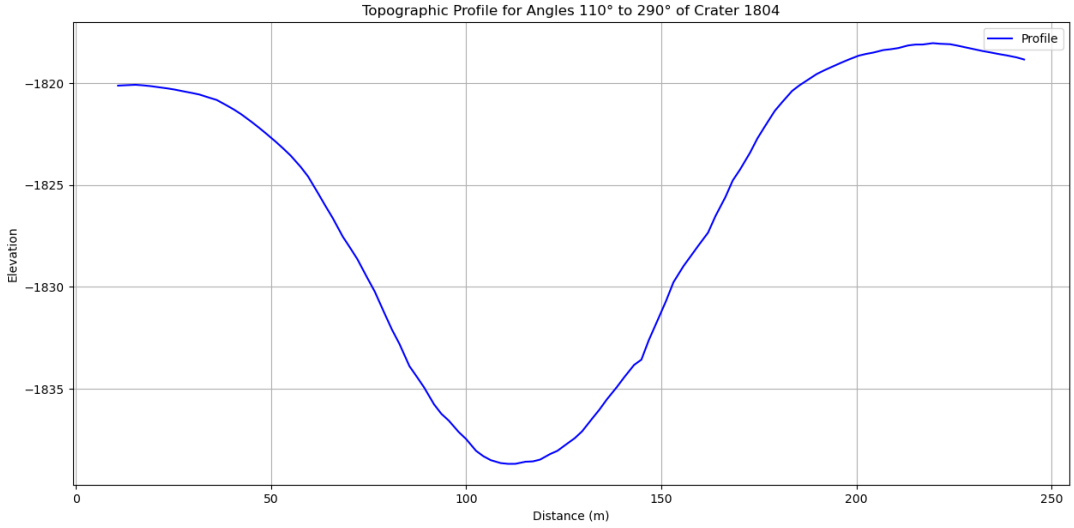

Topographic Profile for Angles 60° to 240° of Crater 1804
Profile
−1820
−1825
−1830
−1835
Elevation
0
50
100
150
200
Distance (m)

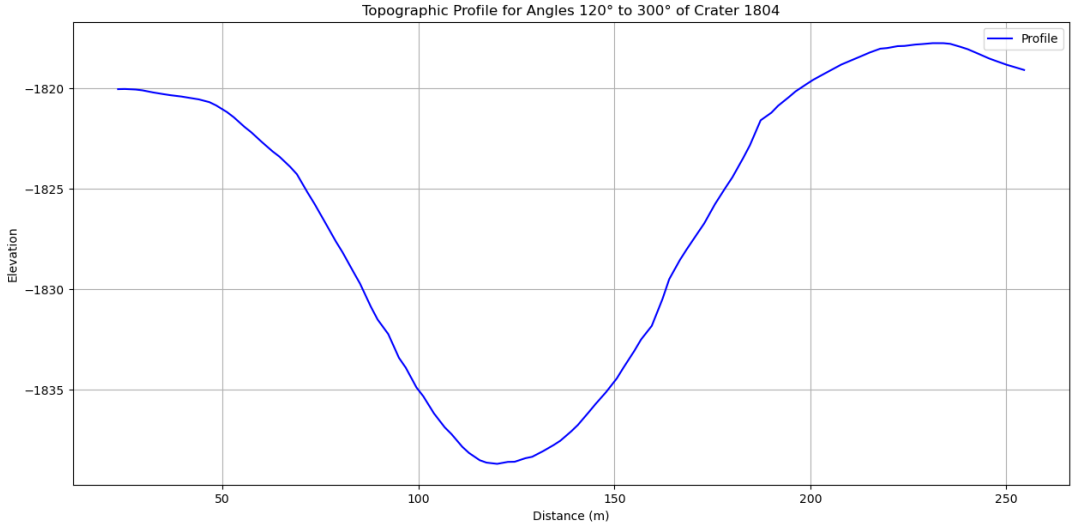

Topographic Profile for Angles 70° to 250° of Crater 1804
Profile
Elevation
Distance (m)
−1817.5
−1820.0
−1822.5
−1825.0
−1827.5
−1830.0
−1832.5
−1835.0
−1837.5
0
50
100
150
200

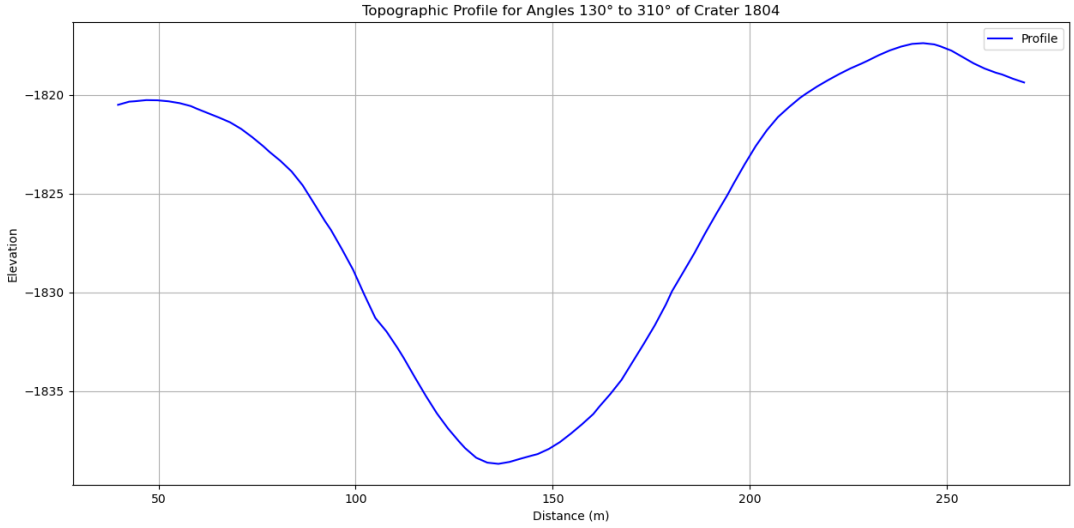

Topographic Profile for Angles 80° to 260° of Crater 1804
Profile
Elevation
Distance (m)
−1817.5
−1820.0
−1822.5
−1825.0
−1827.5
−1830.0
−1832.5
−1835.0
−1837.5
0
50
100
150
200

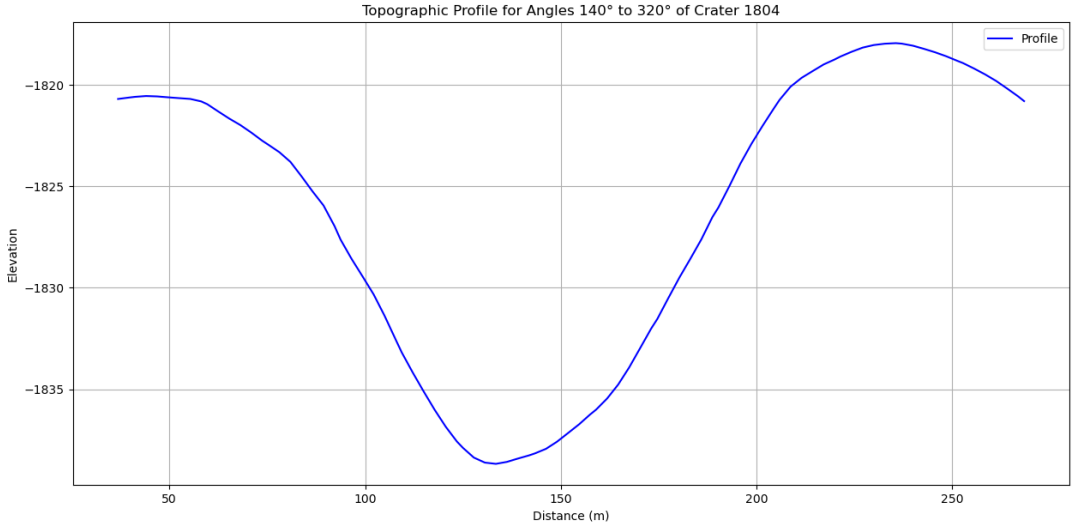

Topographic Profile for Angles 90° to 270° of Crater 1804
Profile
Elevation
Distance (m)
−1817.5
−1820.0
−1822.5
−1825.0
−1827.5
−1830.0
−1832.5
−1835.0
−1837.5
0
50
100
150
200

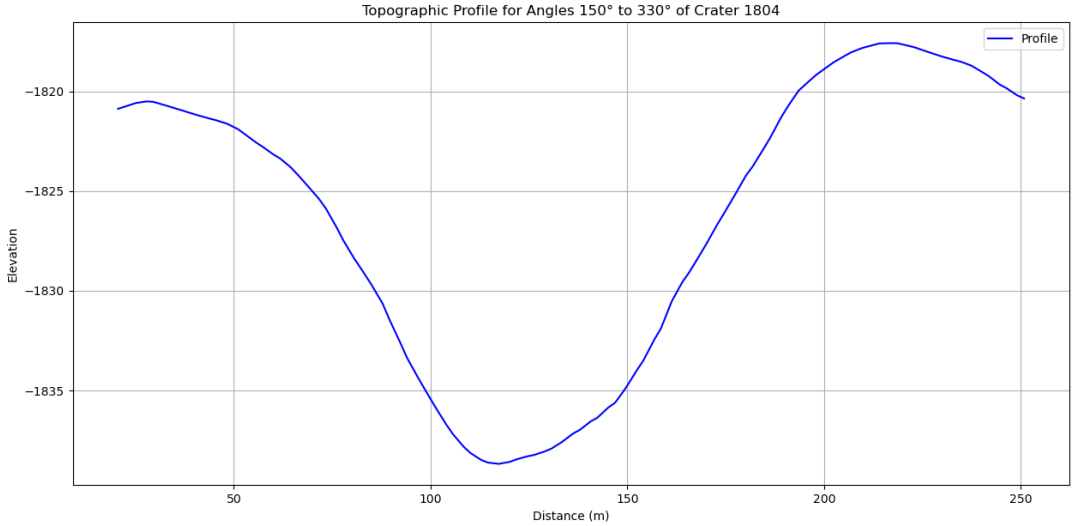

Topographic Profile for Angles 100° to 280° of Crater 1804
Profile
Elevation
Distance (m)
−1817.5
−1820.0
−1822.5
−1825.0
−1827.5
−1830.0
−1832.5
−1835.0
−1837.5
0
50
100
150
200

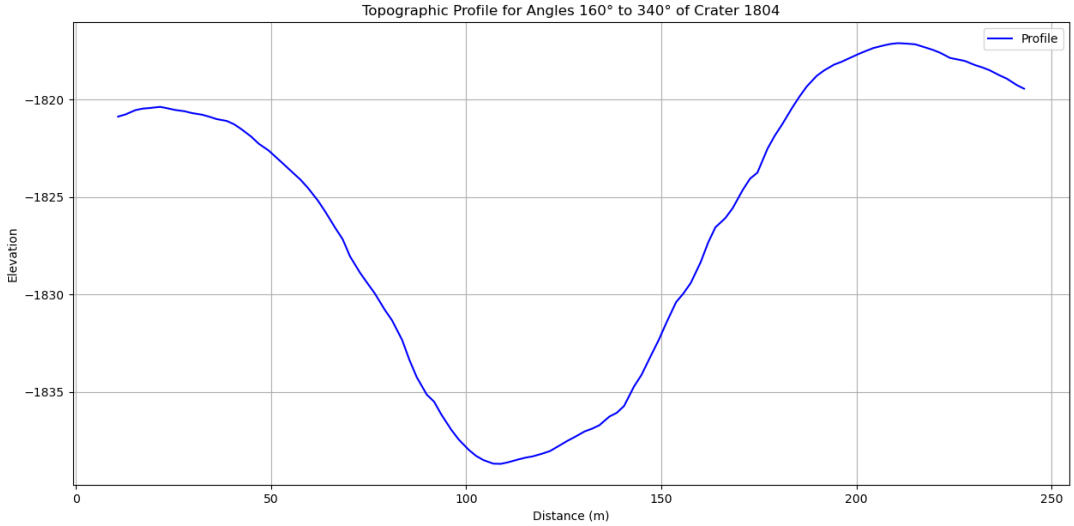

Topographic Profile for Angles 110° to 290° of Crater 1804
Profile
Elevation
−1820
−1825
−1830
−1835
0
50
100
150
200
250
Distance (m)

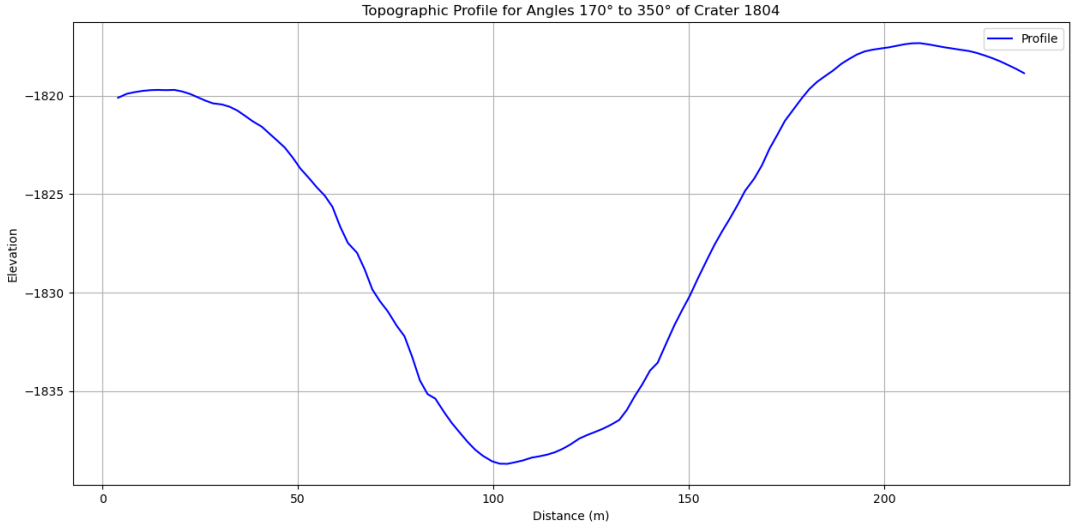

Topographic Profile for Angles 120° to 300° of Crater 1804
Profile
Elevation
−1820
−1825
−1830
−1835
50
100
150
200
250
Distance (m)


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)