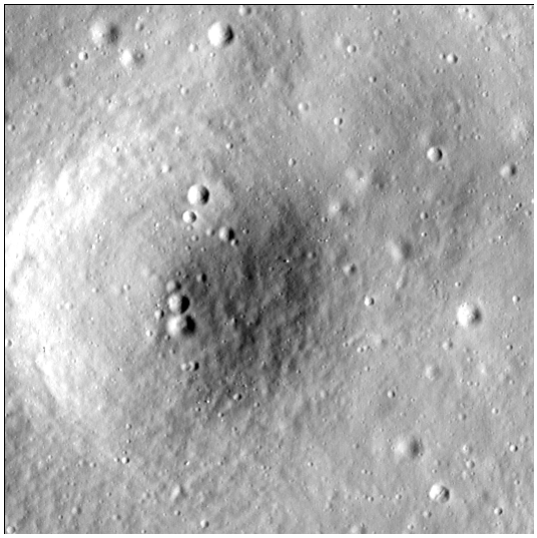
Crater report 1850 of RG2

General information



ID : 1850

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC

Mean Diameter : 279m ± 26.0m

Mean depht : 25.8m ± 0.9m

d/D ratio : 0.092 ± 0.009

Circularity index : 0.91

Mean slope : 11.87°

Mean value of TRI on the rim crest : 0.09

Geometric center coordinates : (3657121.2682969267, 221340.20388974404)

Coordinates of the crater's lowest point : (3657069.0000011004, 221323.00000006528)

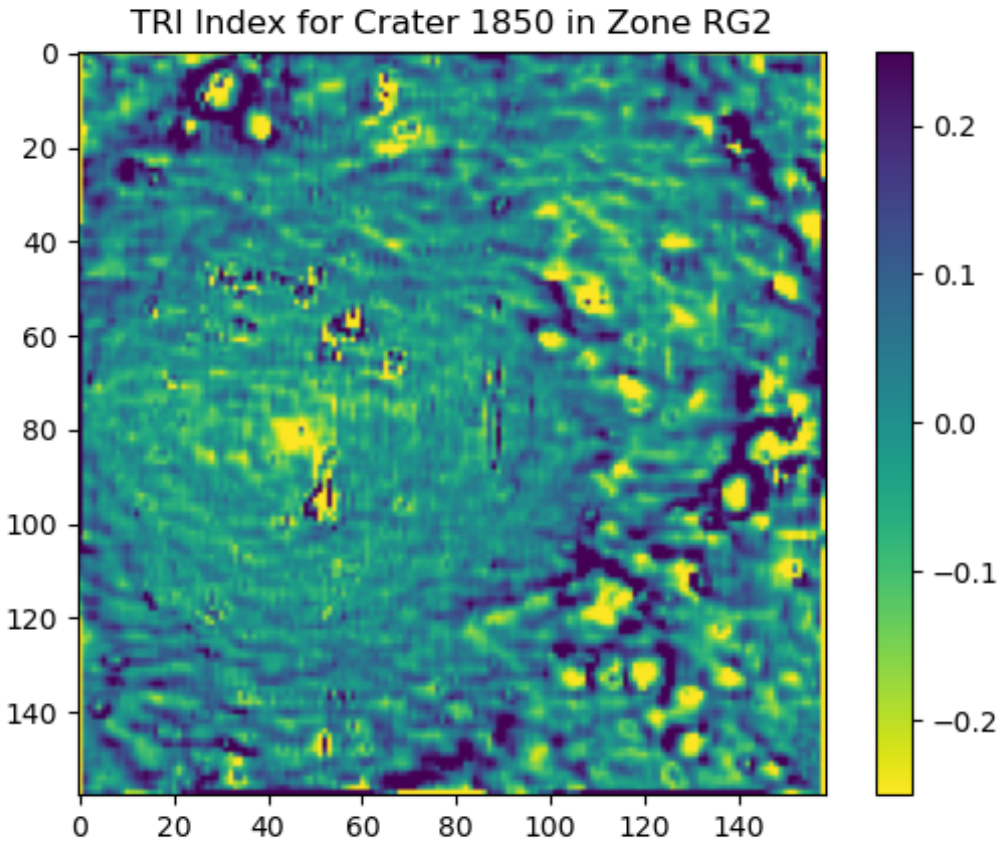
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	14.01	0.56
10°	12.73	0.54
20°	11.41	0.51
30°	10.5	0.48
40°	10.67	0.43
50°	9.35	0.43
60°	7.15	0.48
70°	8.61	0.51
80°	10.1	0.54
90°	11.69	0.57
100°	11.84	0.54
110°	11.98	0.51

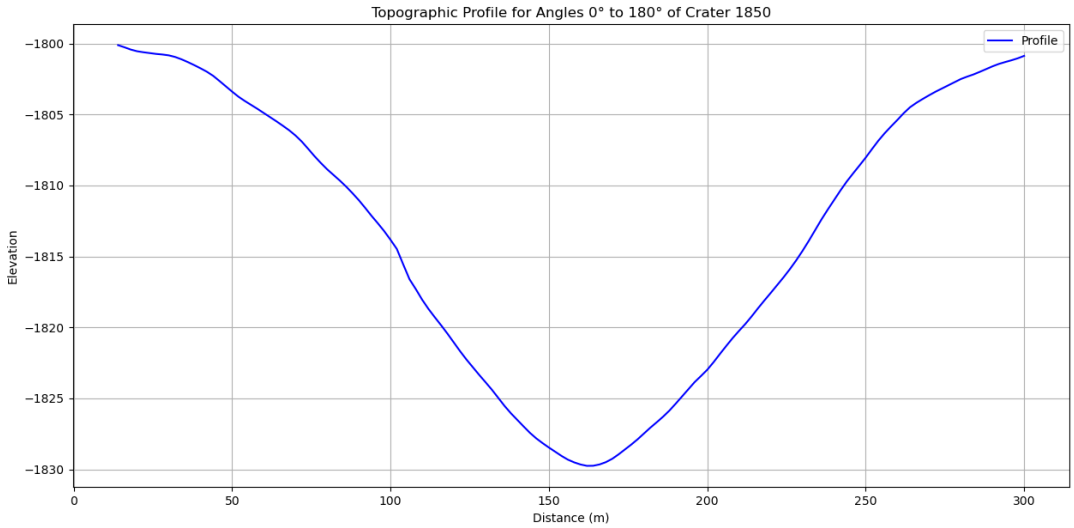
120°	12.47	0.48
130°	13.2	0.43
140°	13.39	0.43
150°	12.75	0.48
160°	13.08	0.51
170°	13.56	0.54
180°	13.91	0.56
190°	13.22	0.54
200°	12.66	0.51
210°	12.3	0.48
220°	12.1	0.43
230°	11.66	0.43
240°	10.68	0.48
250°	9.99	0.51
260°	9.93	0.54
270°	10.0	0.57
280°	9.75	0.54
290°	10.51	0.51
300°	11.8	0.47
310°	13.47	0.43
320°	14.34	0.43
330°	14.19	0.47
340°	14.25	0.51
350°	14.24	0.54

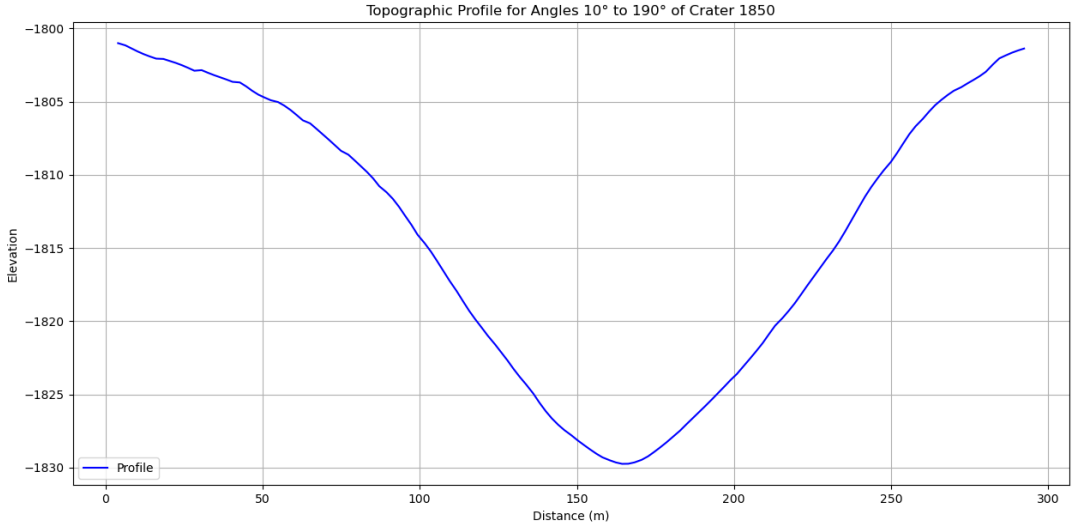
Topographic roughness index (TRI)

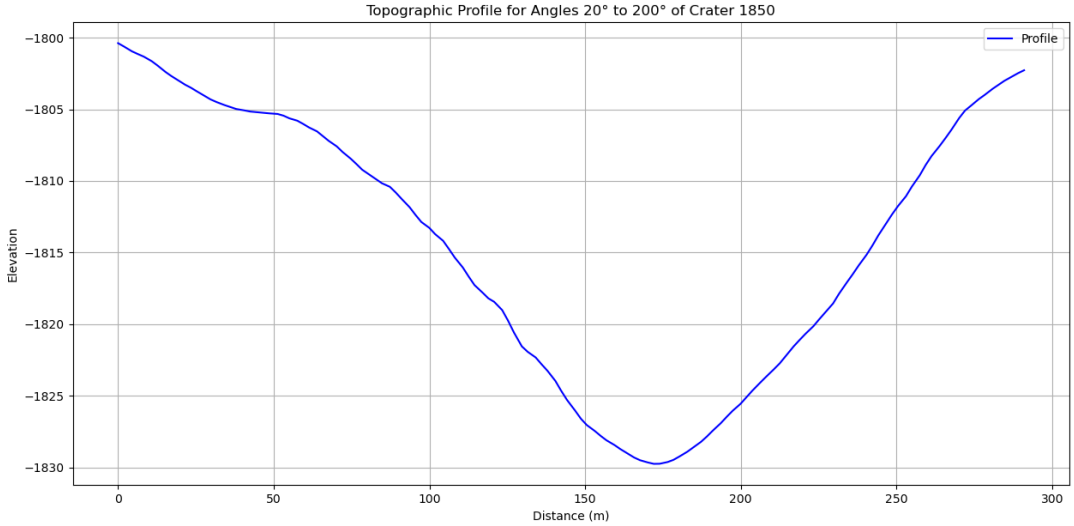
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

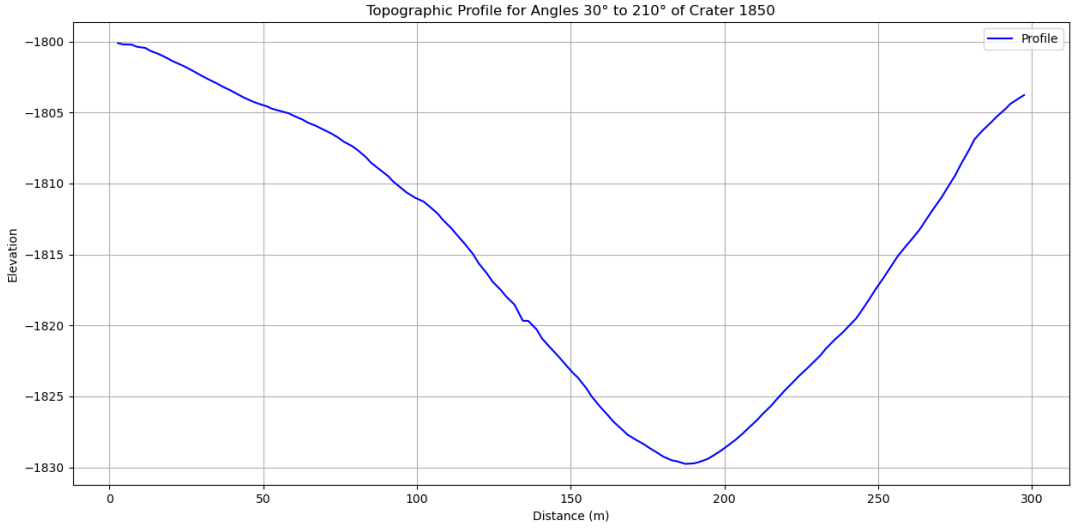


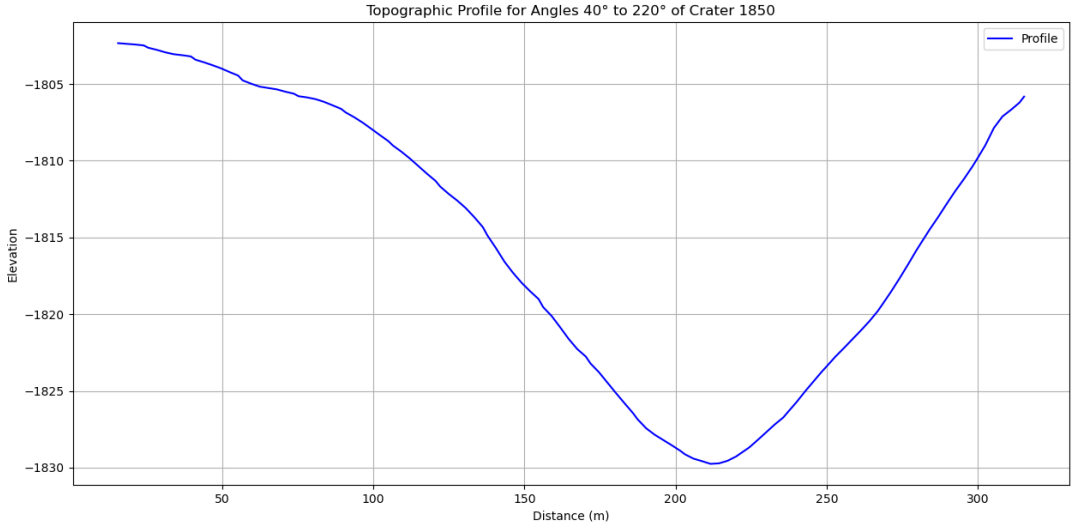
Topographic profiles

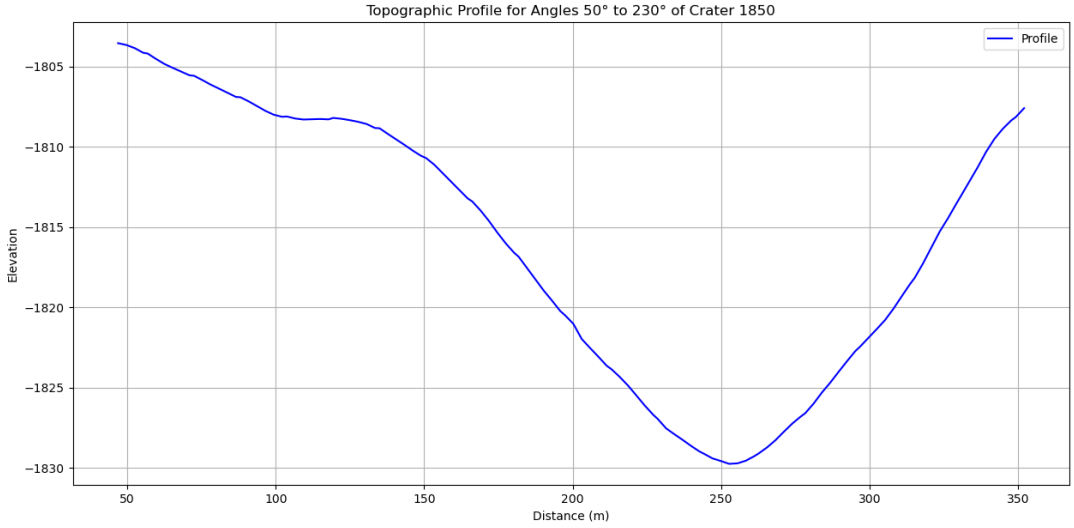


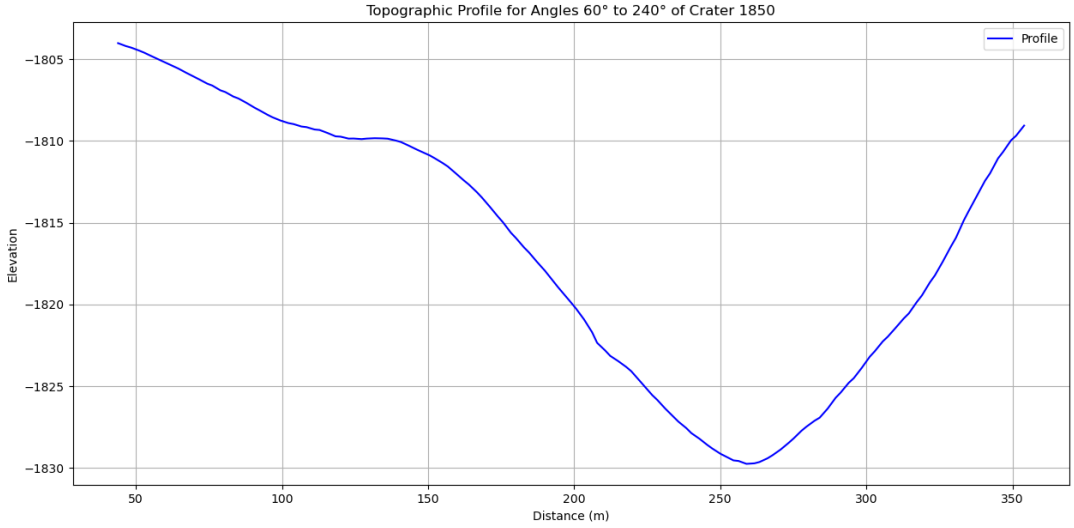

Topographic Profile for Angles 10° to 190° of Crater 1850
Elevation
Distance (m)
Profile
−1800
−1805
−1810
−1815
−1820
−1825
−1830
0
50
100
150
200
250
300

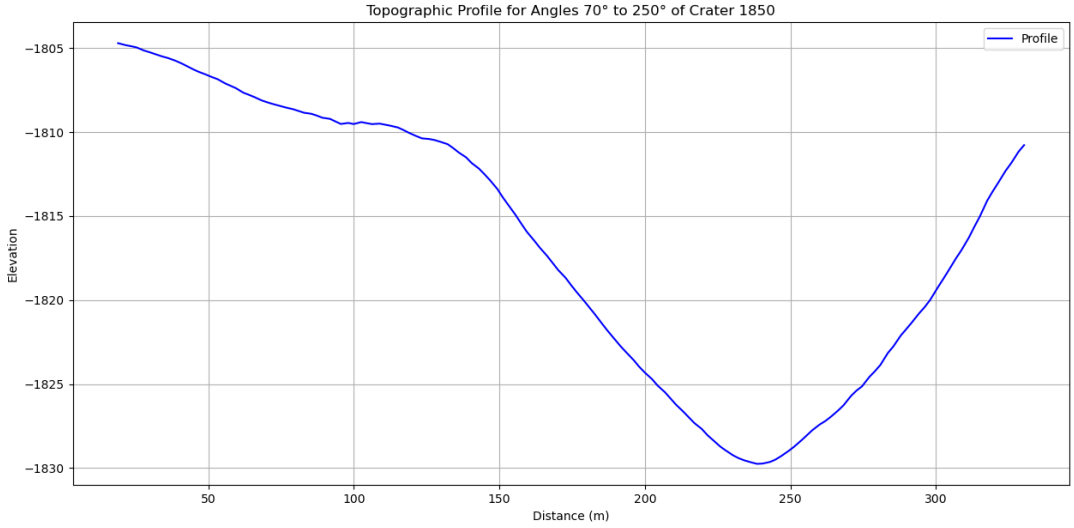

Topographic Profile for Angles 20° to 200° of Crater 1850
Elevation
Distance (m)
Profile
−1800
−1805
−1810
−1815
−1820
−1825
−1830
0
50
100
150
200
250
300

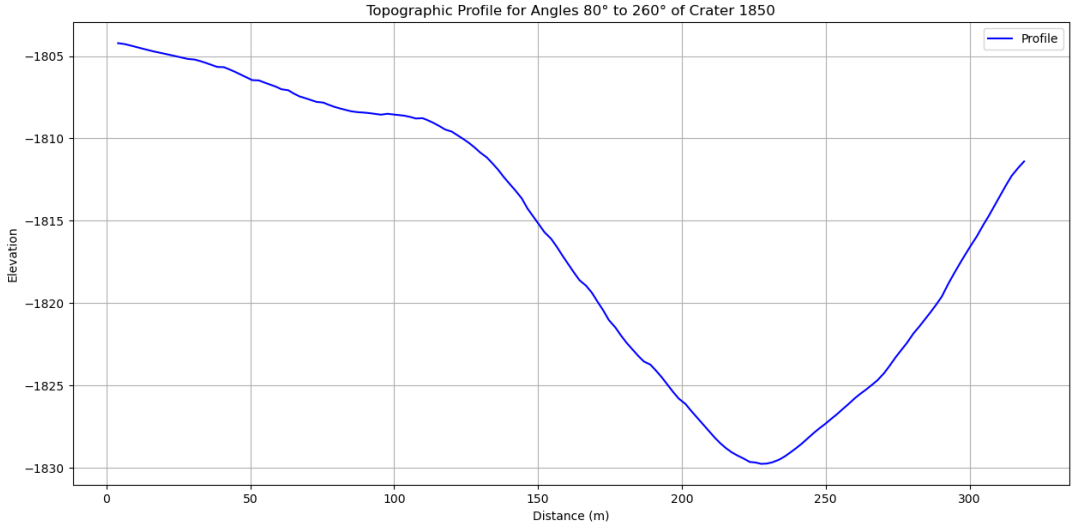

Topographic Profile for Angles 30° to 210° of Crater 1850
Profile
Elevation
Distance (m)
−1800
−1805
−1810
−1815
−1820
−1825
−1830
0
50
100
150
200
250
300

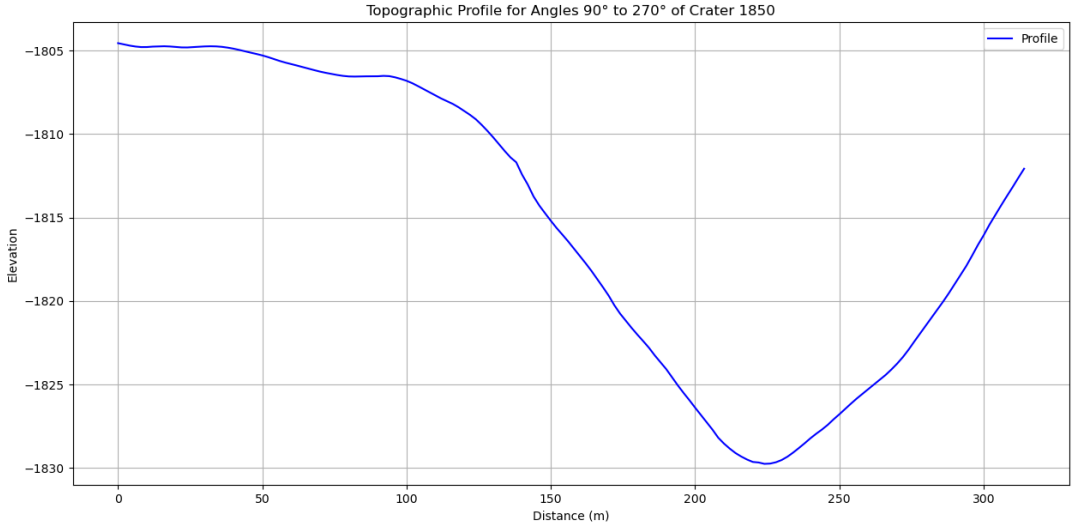

Topographic Profile for Angles 40° to 220° of Crater 1850
Profile
Elevation
Distance (m)
−1805
−1810
−1815
−1820
−1825
−1830
50
100
150
200
250
300

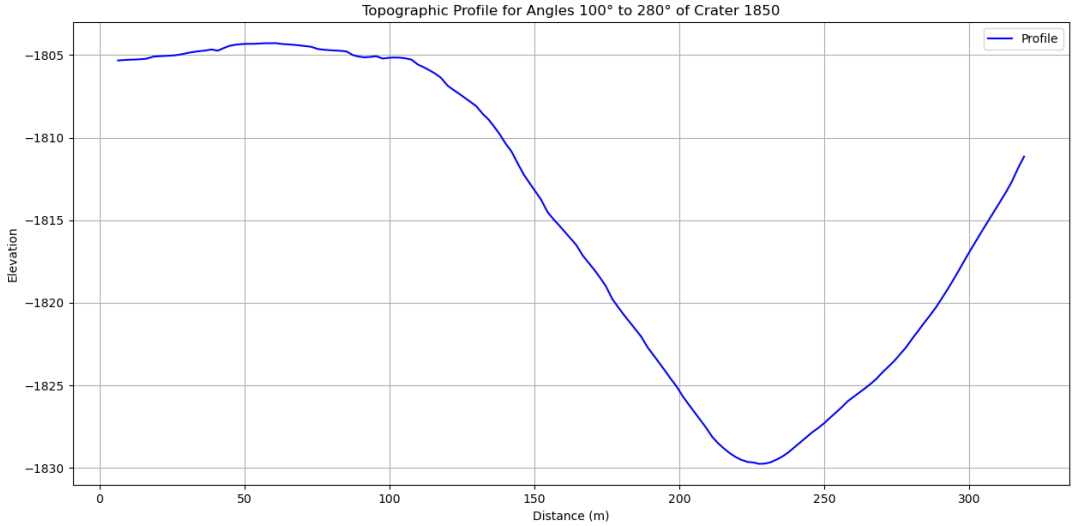

Topographic Profile for Angles 50° to 230° of Crater 1850
Profile
Elevation
−1805
−1810
−1815
−1820
−1825
−1830
50
100
150
200
250
300
350
Distance (m)

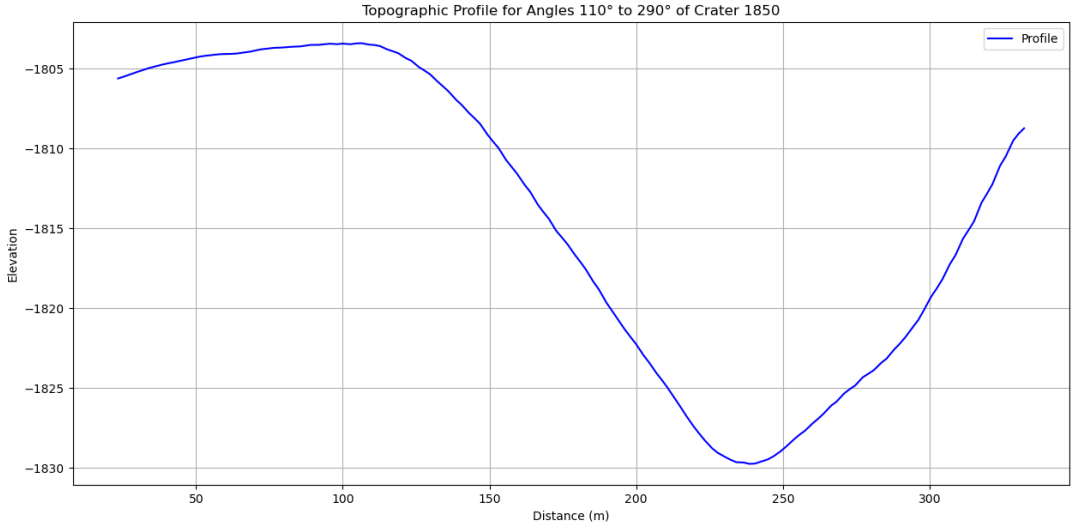

Topographic Profile for Angles 60° to 240° of Crater 1850
Profile
Elevation
−1805
−1810
−1815
−1820
−1825
−1830
50
100
150
200
250
300
350
Distance (m)

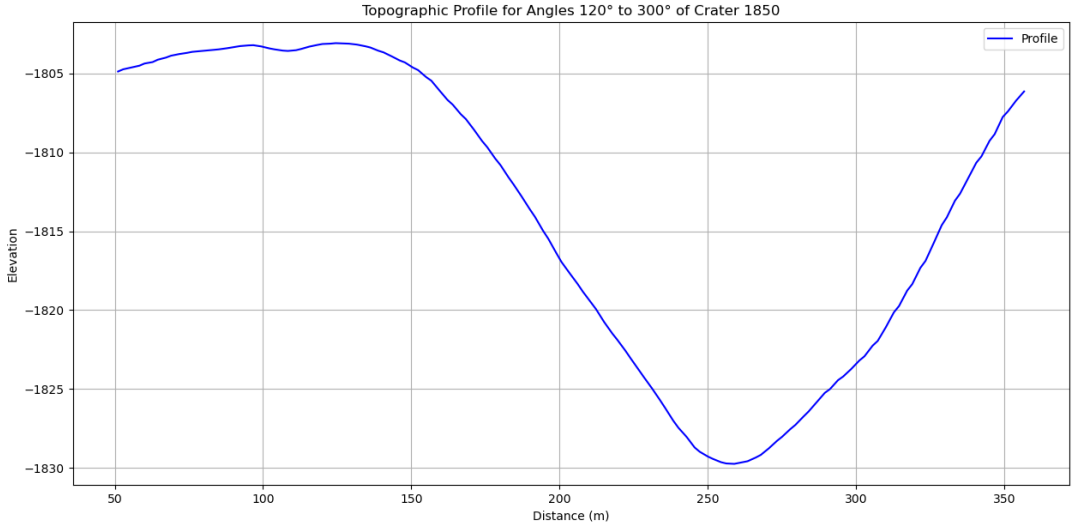

Topographic Profile for Angles 70° to 250° of Crater 1850
Profile
Elevation
−1805
−1810
−1815
−1820
−1825
−1830
50
100
150
200
250
300
Distance (m)

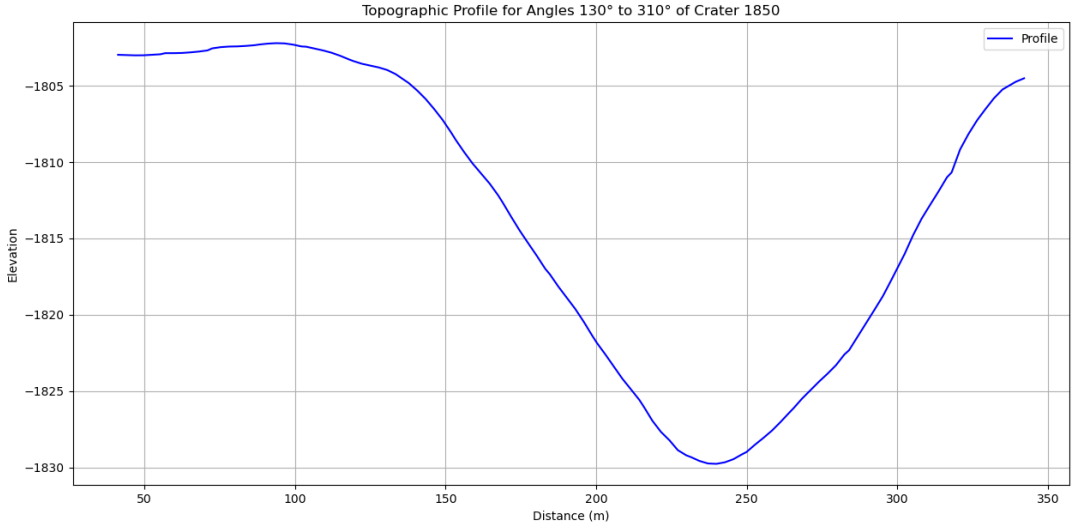

Topographic Profile for Angles 80° to 260° of Crater 1850
Profile
Elevation
−1805
−1810
−1815
−1820
−1825
−1830
0
50
100
150
200
250
300
Distance (m)

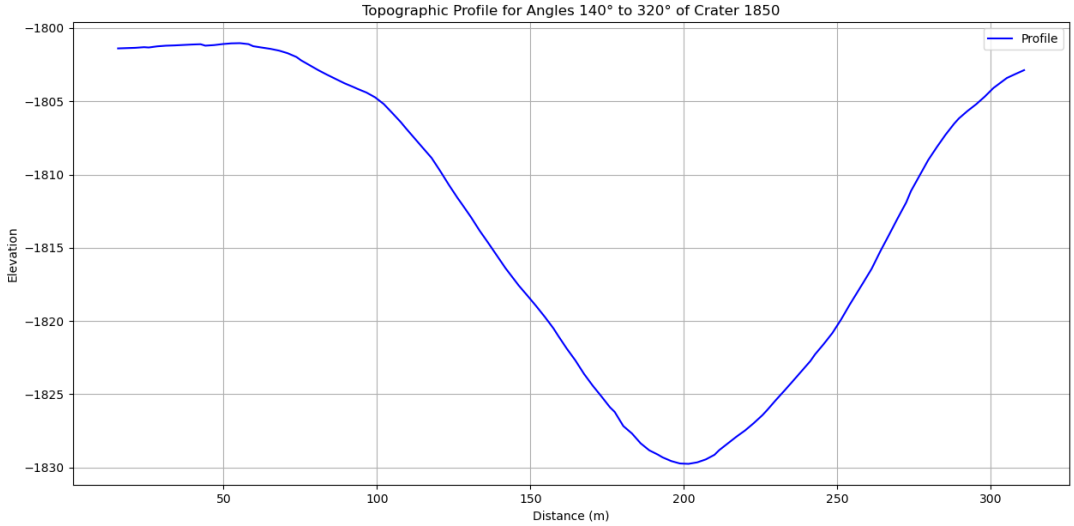

Topographic Profile for Angles 90° to 270° of Crater 1850
Profile
Elevation
−1805
−1810
−1815
−1820
−1825
−1830
0
50
100
150
200
250
300
Distance (m)

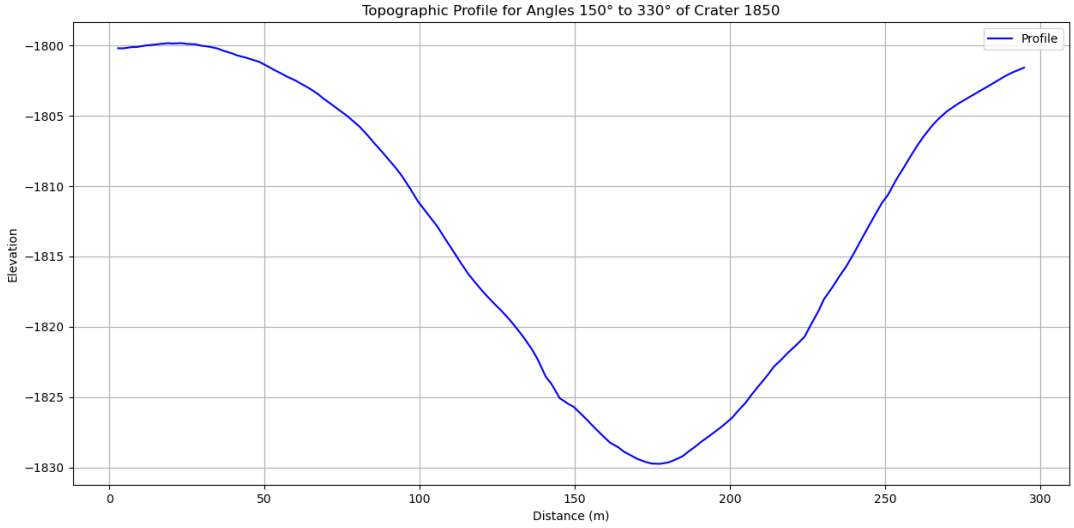

Topographic Profile for Angles 100° to 280° of Crater 1850
Profile
Elevation
−1805
−1810
−1815
−1820
−1825
−1830
0
50
100
150
200
250
300
Distance (m)

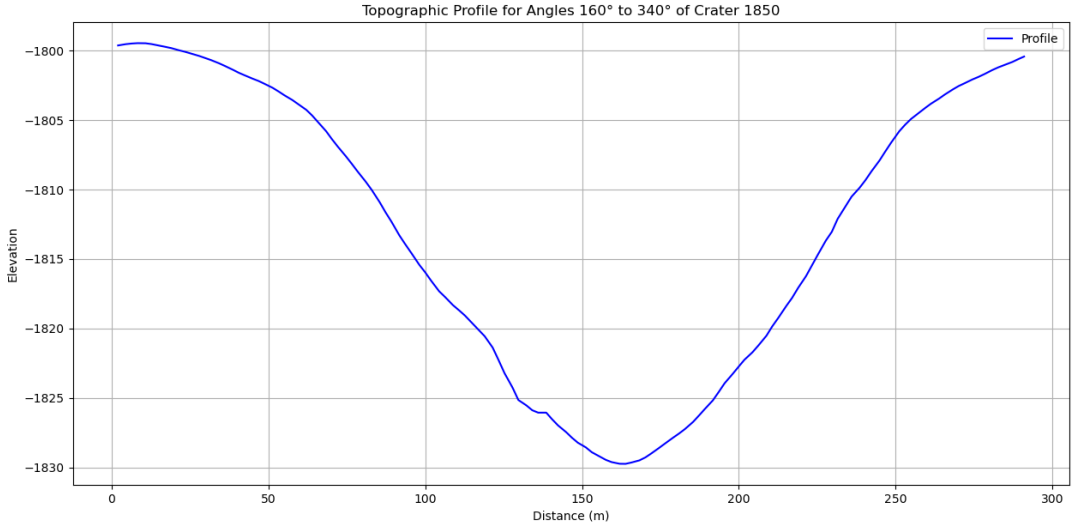

Topographic Profile for Angles 110° to 290° of Crater 1850
Profile
Elevation
−1805
−1810
−1815
−1820
−1825
−1830
50
100
150
200
250
300
Distance (m)

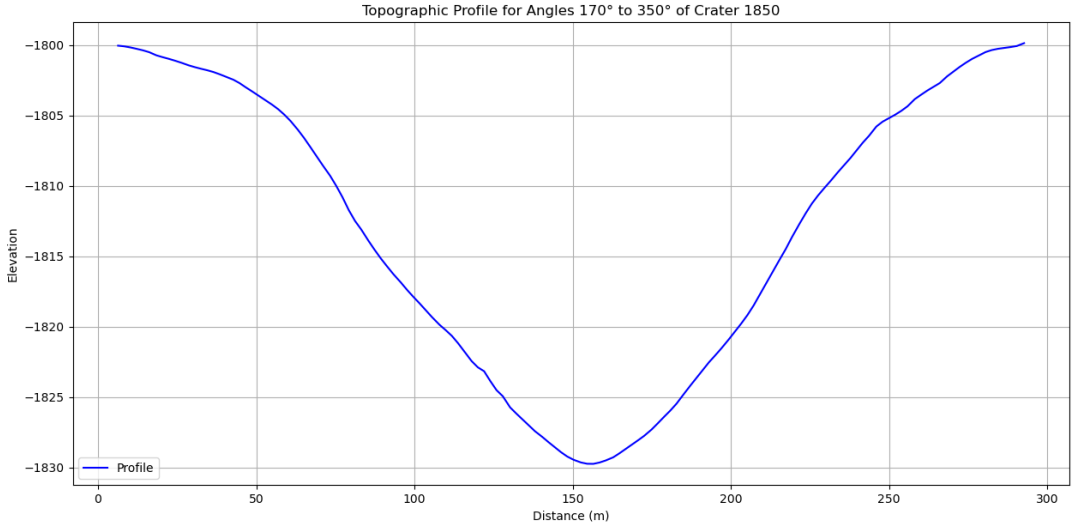

Topographic Profile for Angles 120° to 300° of Crater 1850
Profile
Elevation
−1805
−1810
−1815
−1820
−1825
−1830
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 1850
Profile
Elevation
−1805
−1810
−1815
−1820
−1825
−1830
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 1850
Profile
Elevation
−1800
−1805
−1810
−1815
−1820
−1825
−1830
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 1850
Profile
Elevation
−1800
−1805
−1810
−1815
−1820
−1825
−1830
0
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 1850
Profile
Elevation
−1800
−1805
−1810
−1815
−1820
−1825
−1830
0
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 1850
Elevation
−1800
−1805
−1810
−1815
−1820
−1825
−1830
Profile
0
50
100
150
200
250
300
Distance (m)