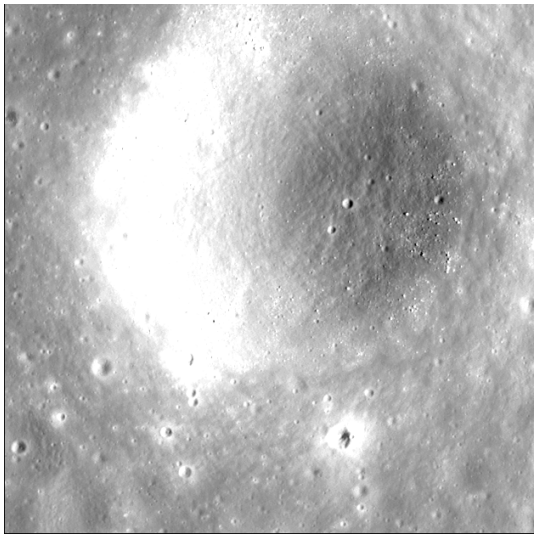
Crater report 1884 of RG7

General information



ID : 1884

Study area : RG7

Swirl : on-swirl

Morphology : Bowl-shaped

State of degradation : B - BC

Mean Diameter : 688m ± 32.0m

Mean depht : 80.4m ± 1.0m

d/D ratio : 0.117 ± 0.006

Circularity index : 0.98

Mean slope : 13.7°

Geometric center coordinates :
(3623523.428327136, 229462.61739968232)

Coordinates of the crater's lowest point :
(3623527.4999999, 229512.49999999048)

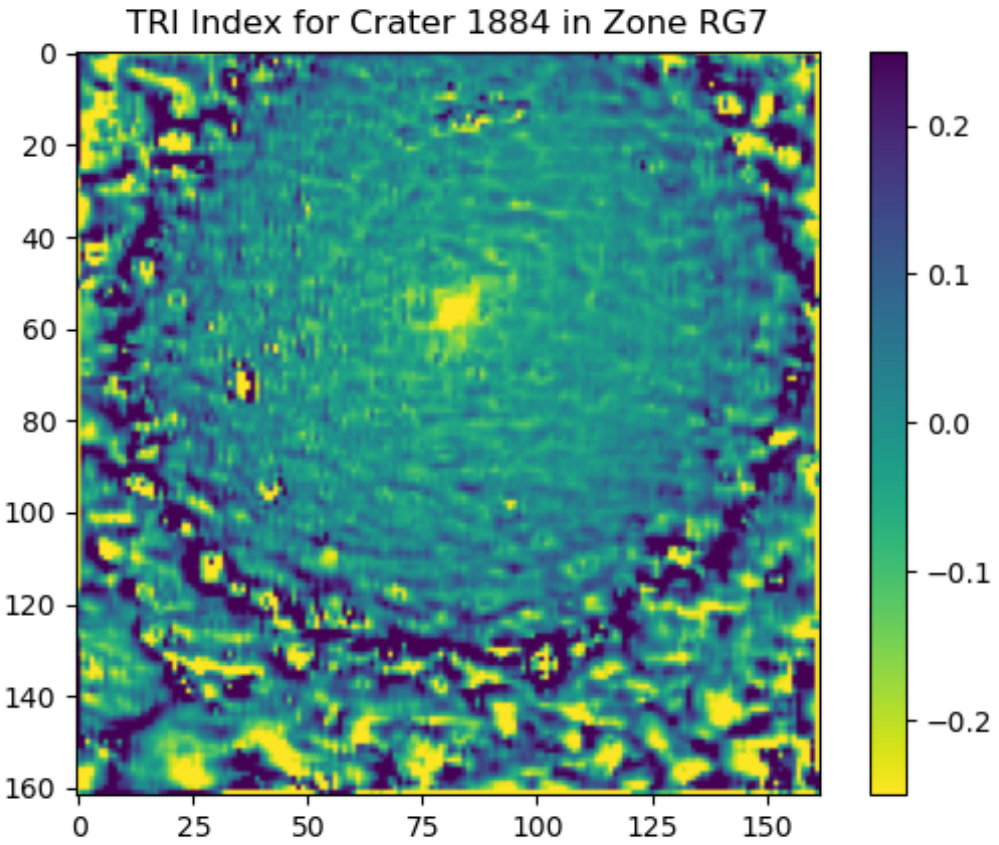
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	14.66	0.09
10°	13.88	0.09
20°	13.42	0.09
30°	13.16	0.08
40°	13.32	0.08
50°	13.13	0.08
60°	12.81	0.08
70°	12.8	0.08
80°	13.2	0.09
90°	13.74	0.09
100°	13.11	0.08
110°	12.88	0.08

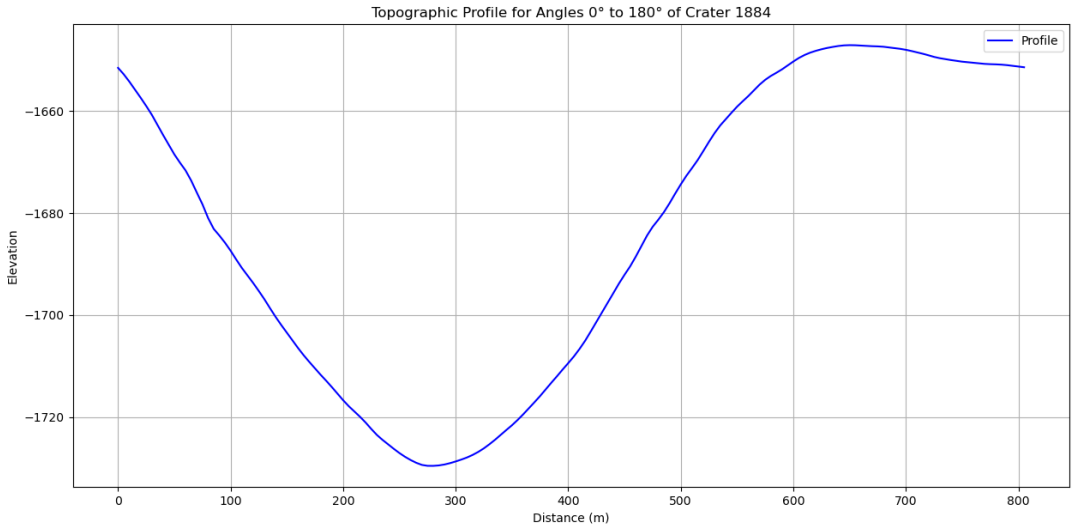
120°	13.16	0.08
130°	14.02	0.08
140°	14.13	0.08
150°	13.53	0.08
160°	13.5	0.08
170°	13.87	0.08
180°	14.49	0.09
190°	13.87	0.08
200°	13.36	0.08
210°	13.27	0.08
220°	13.62	0.08
230°	13.7	0.07
240°	13.33	0.08
250°	13.28	0.08
260°	13.6	0.08
270°	14.49	0.09
280°	14.22	0.09
290°	13.93	0.08
300°	13.98	0.08
310°	14.59	0.08
320°	14.73	0.08
330°	14.16	0.08
340°	14.02	0.09
350°	14.14	0.09

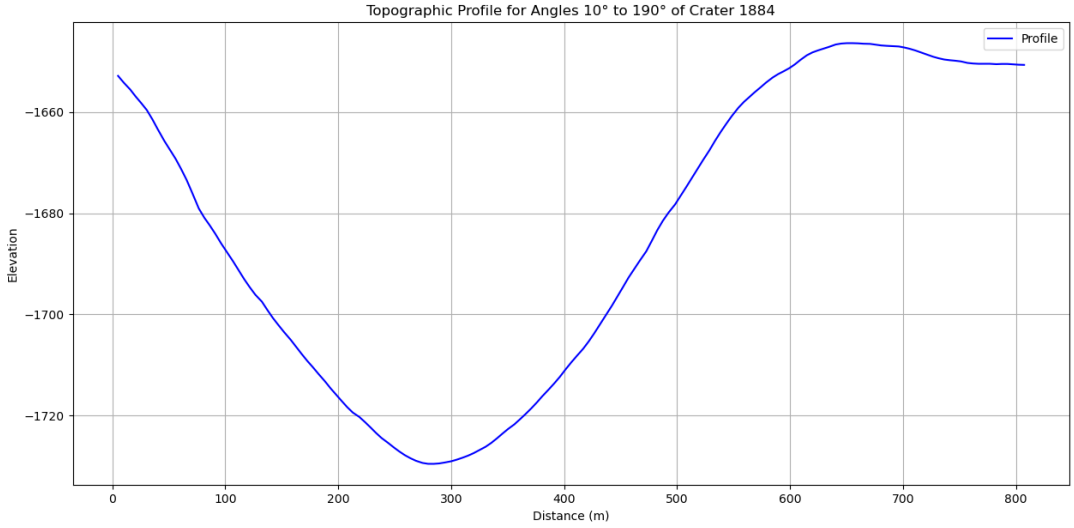
Topographic roughness index (TRI)

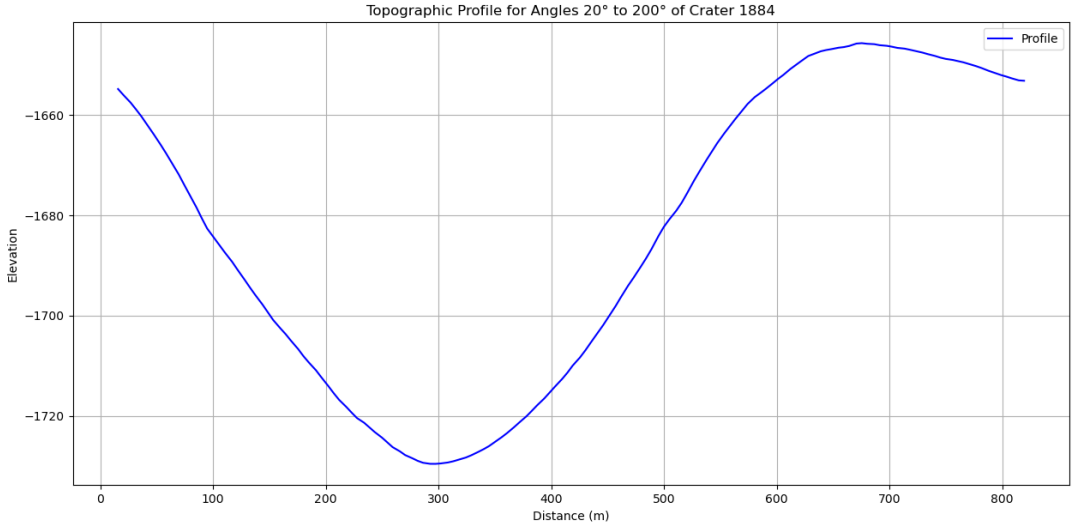
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

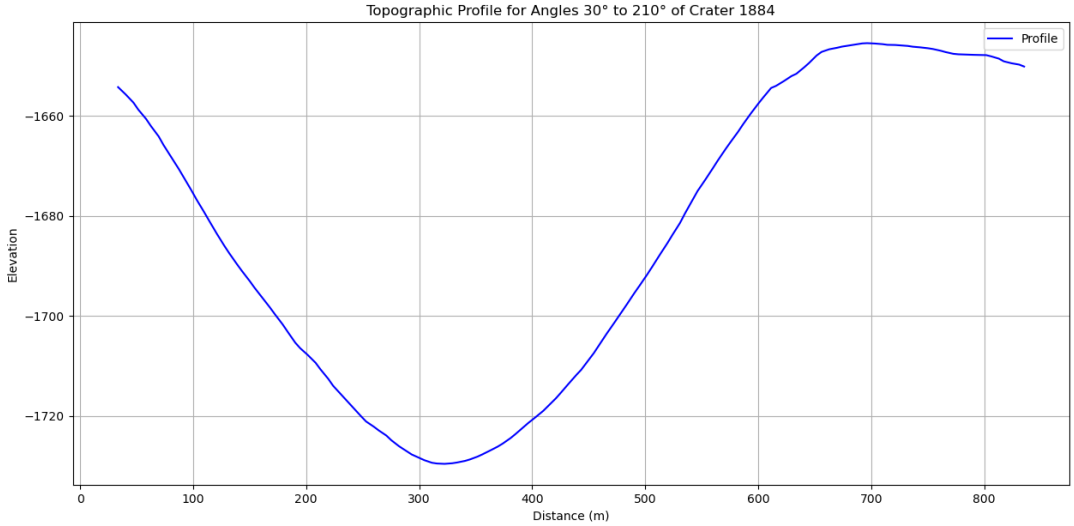


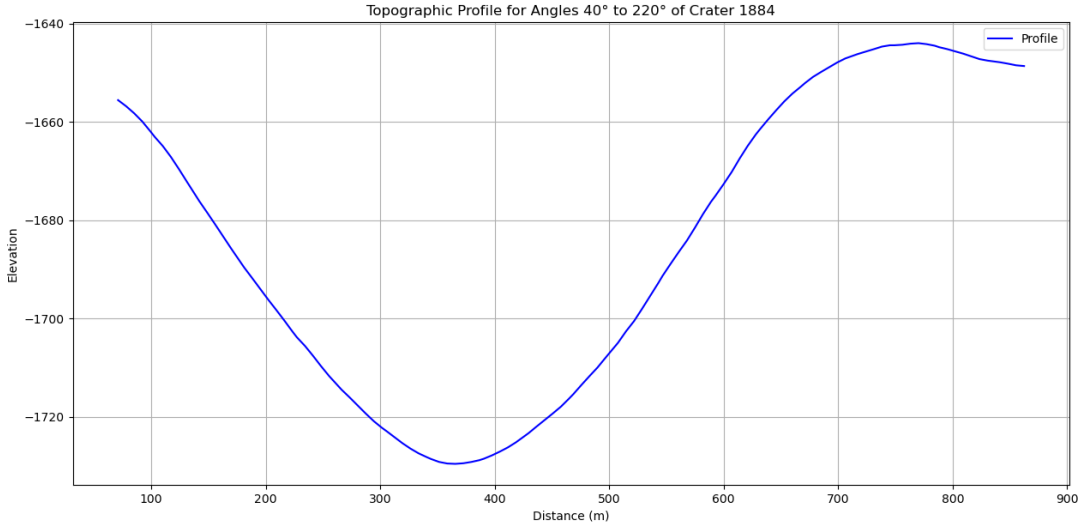
Topographic profiles

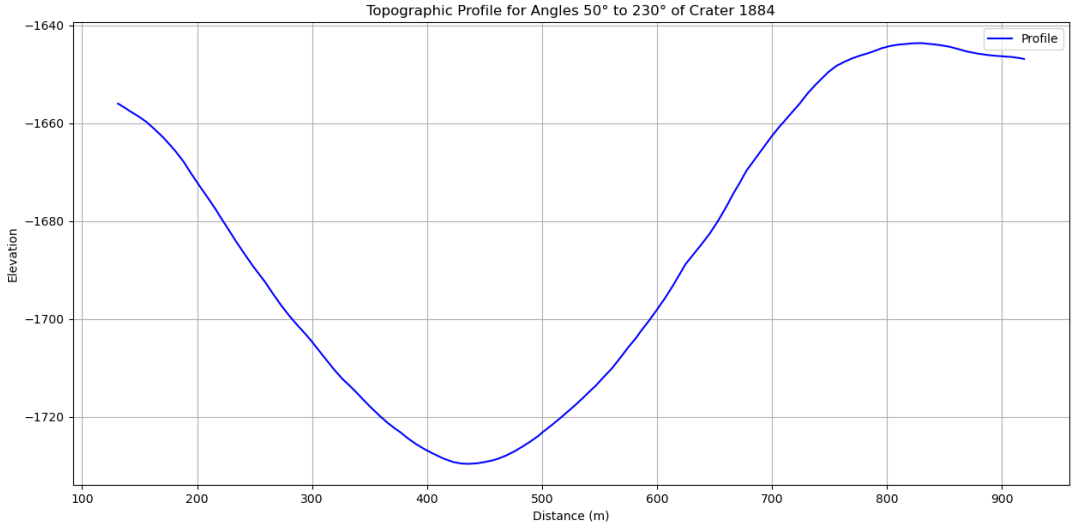


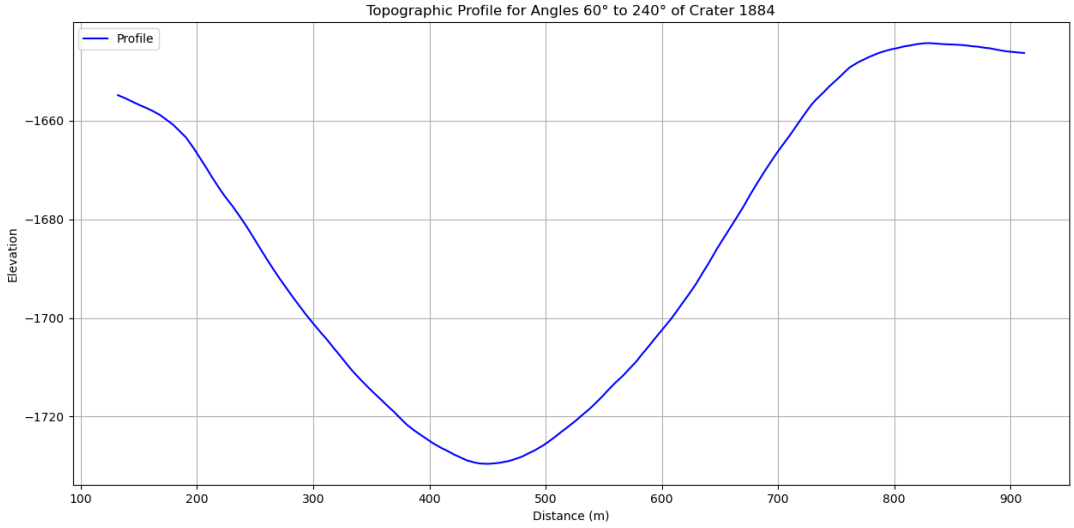

Topographic Profile for Angles 10° to 190° of Crater 1884
Profile
Elevation
−1660
−1680
−1700
−1720
0
100
200
300
400
500
600
700
800
Distance (m)

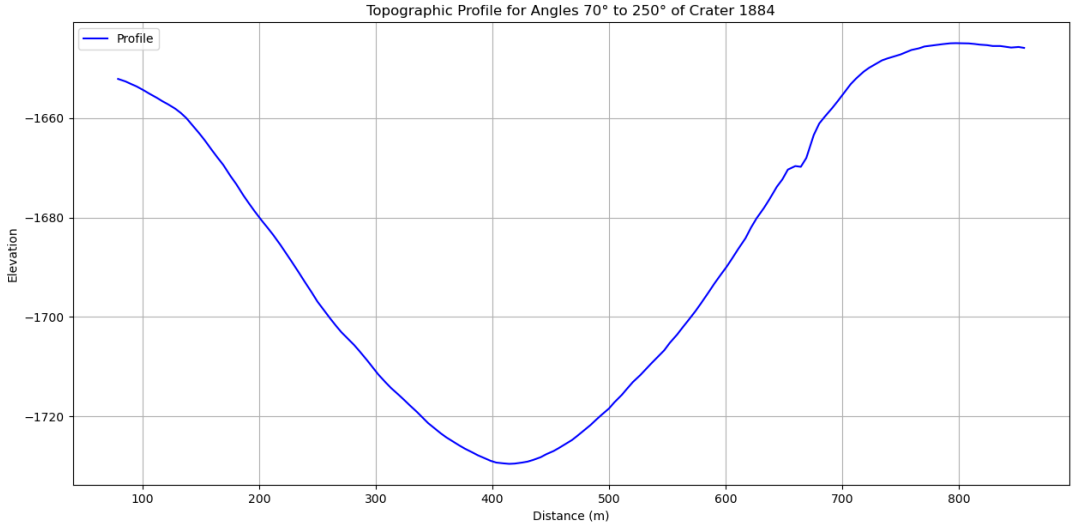

Topographic Profile for Angles 20° to 200° of Crater 1884
Profile
Elevation
−1660
−1680
−1700
−1720
0
100
200
300
400
500
600
700
800
Distance (m)

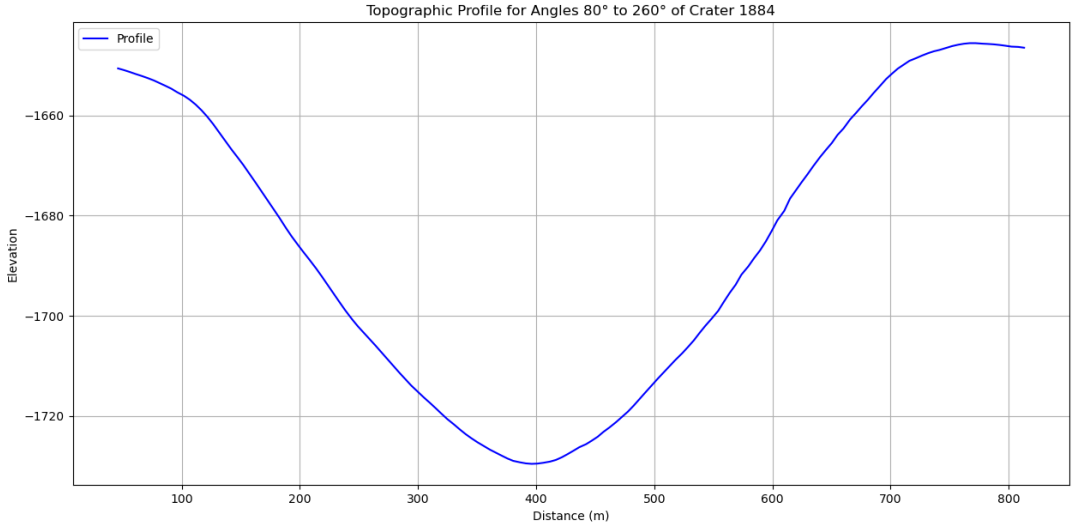

Topographic Profile for Angles 30° to 210° of Crater 1884
Profile
Elevation
−1660
−1680
−1700
−1720
0
100
200
300
400
500
600
700
800
Distance (m)

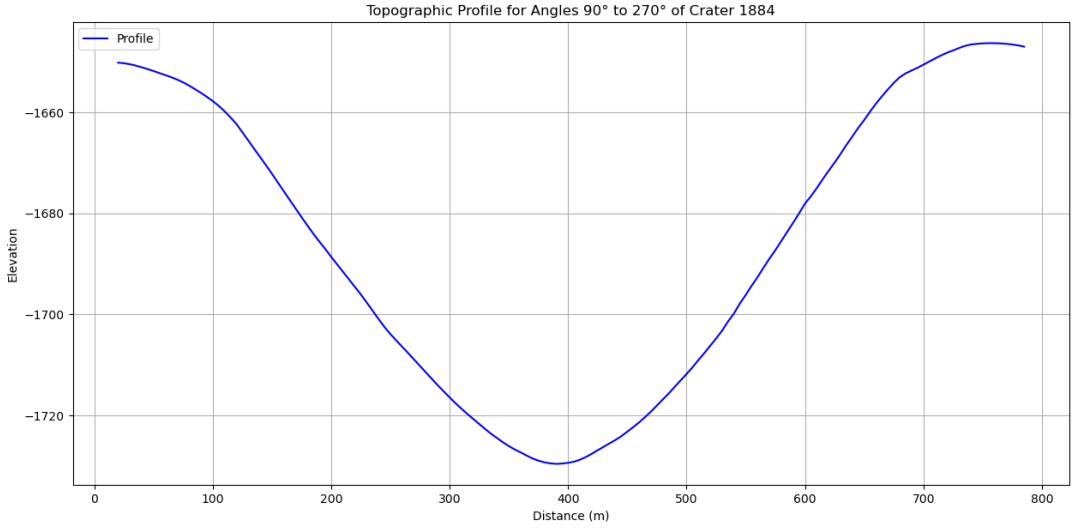

Topographic Profile for Angles 40° to 220° of Crater 1884
Profile
Elevation
−1640
−1660
−1680
−1700
−1720
100
200
300
400
500
600
700
800
900
Distance (m)

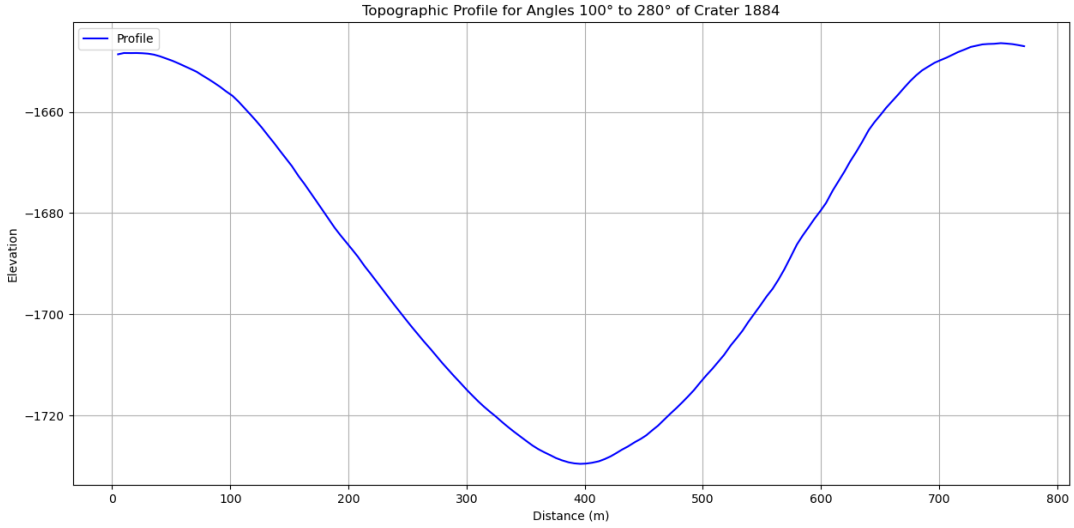

Topographic Profile for Angles 50° to 230° of Crater 1884
Profile
Elevation
Distance (m)
−1640
−1660
−1680
−1700
−1720
100
200
300
400
500
600
700
800
900

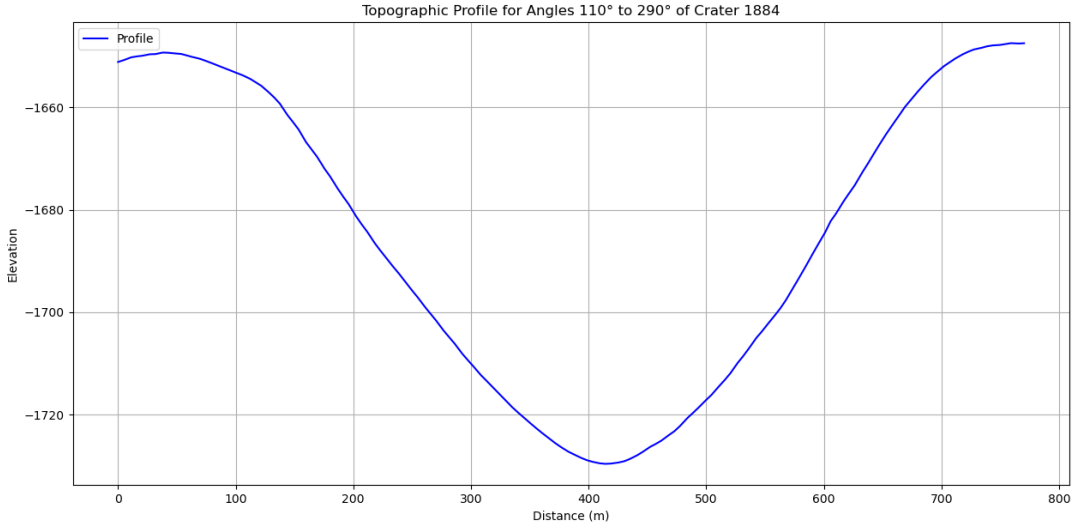

Topographic Profile for Angles 60° to 240° of Crater 1884
Profile
Elevation
Distance (m)
−1660
−1680
−1700
−1720
100
200
300
400
500
600
700
800
900

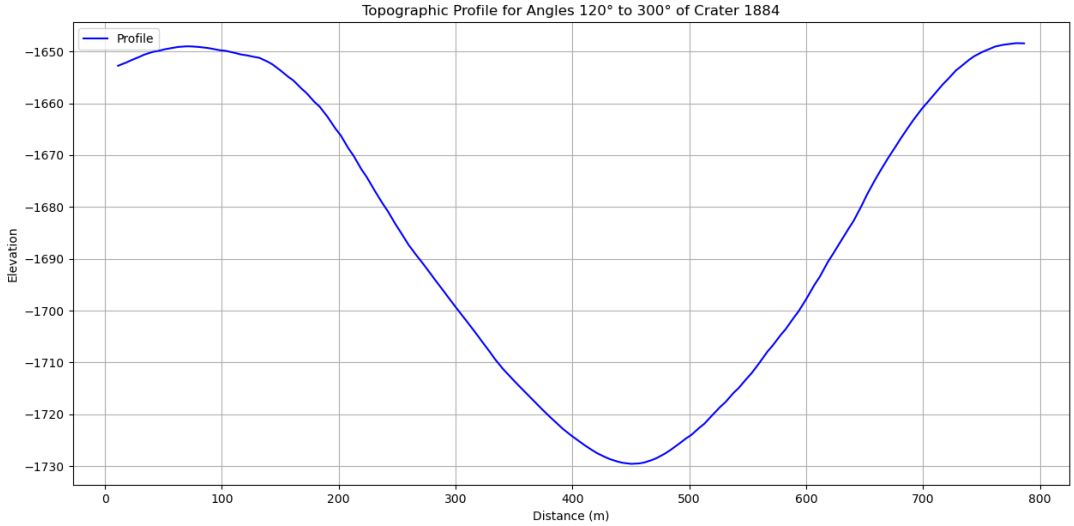

Topographic Profile for Angles 70° to 250° of Crater 1884
Profile
Elevation
−1660
−1680
−1700
−1720
100
200
300
400
500
600
700
800
Distance (m)

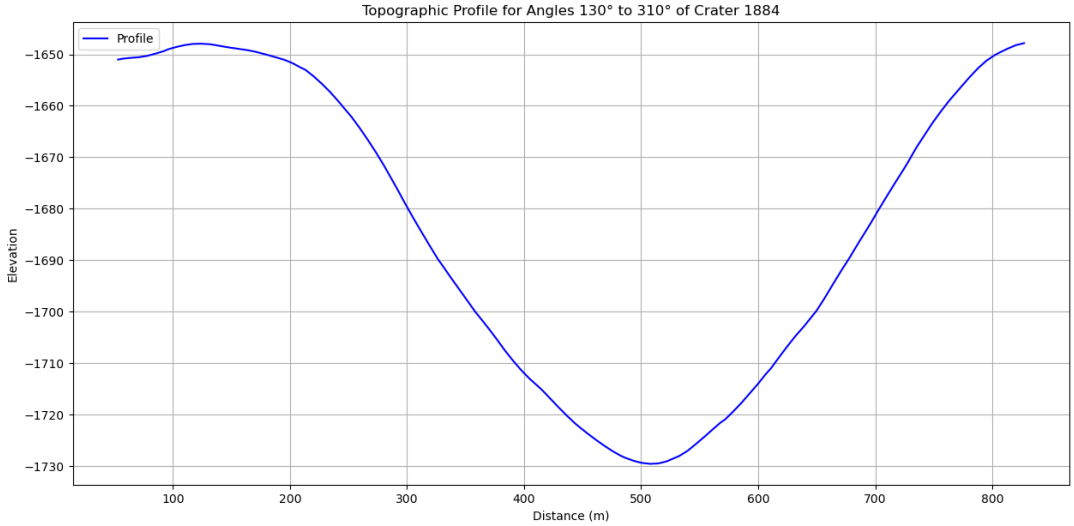

Topographic Profile for Angles 80° to 260° of Crater 1884
Profile
Elevation
−1660
−1680
−1700
−1720
100
200
300
400
500
600
700
800
Distance (m)

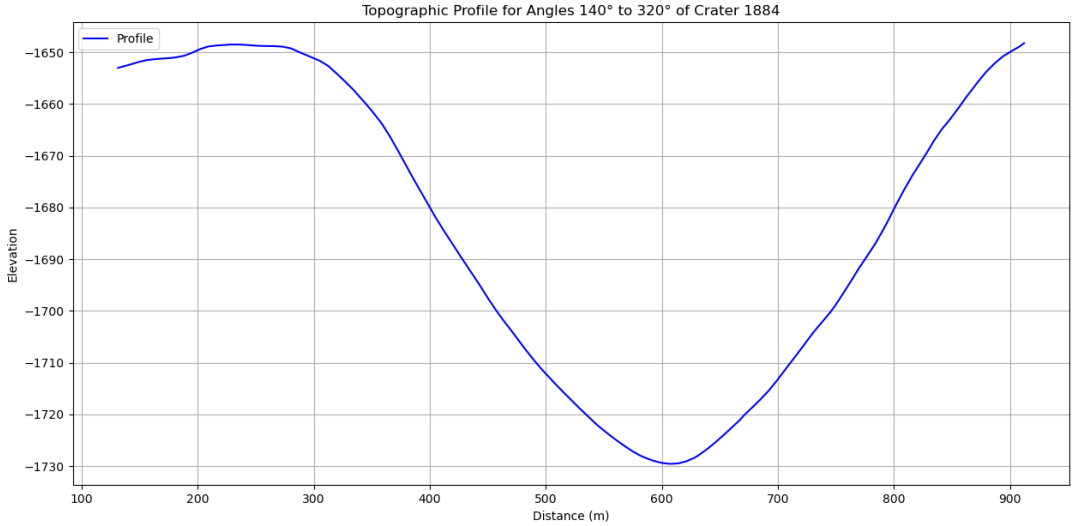

Topographic Profile for Angles 90° to 270° of Crater 1884
Profile
Elevation
−1660
−1680
−1700
−1720
0
100
200
300
400
500
600
700
800
Distance (m)

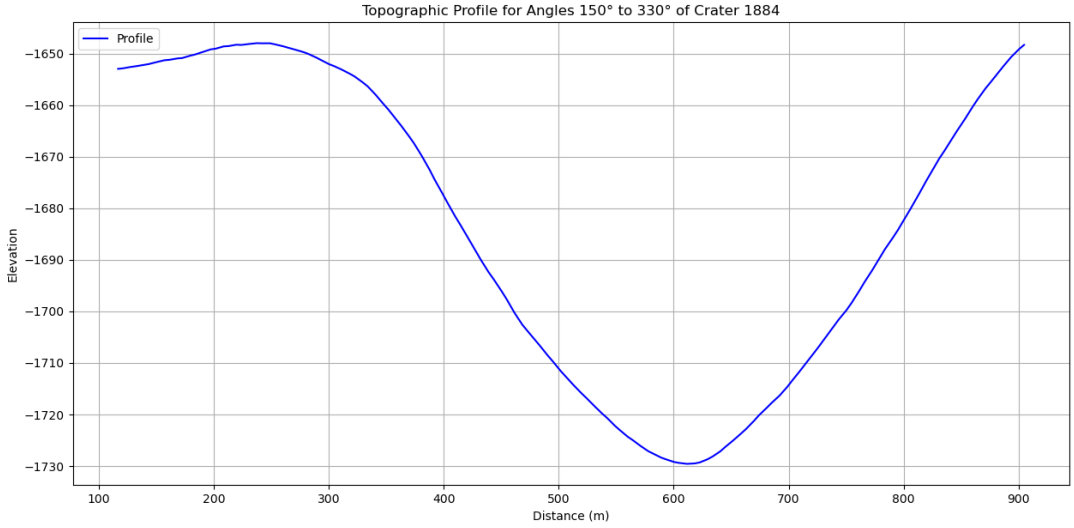

Topographic Profile for Angles 100° to 280° of Crater 1884
Profile
Elevation
−1660
−1680
−1700
−1720
0
100
200
300
400
500
600
700
800
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 1884
Profile
Elevation
−1660
−1680
−1700
−1720
0
100
200
300
400
500
600
700
800
Distance (m)


Topographic Profile for Angles 120° to 300° of Crater 1884
Profile
Elevation
−1650
−1660
−1670
−1680
−1690
−1700
−1710
−1720
−1730
0
100
200
300
400
500
600
700
800
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 1884
Profile
Elevation
Distance (m)
−1650
−1660
−1670
−1680
−1690
−1700
−1710
−1720
−1730
100
200
300
400
500
600
700
800


Topographic Profile for Angles 140° to 320° of Crater 1884
Profile
Elevation
Distance (m)
−1650
−1660
−1670
−1680
−1690
−1700
−1710
−1720
−1730
100
200
300
400
500
600
700
800
900


Topographic Profile for Angles 150° to 330° of Crater 1884
Profile
Elevation
Distance (m)
−1650
−1660
−1670
−1680
−1690
−1700
−1710
−1720
−1730
100
200
300
400
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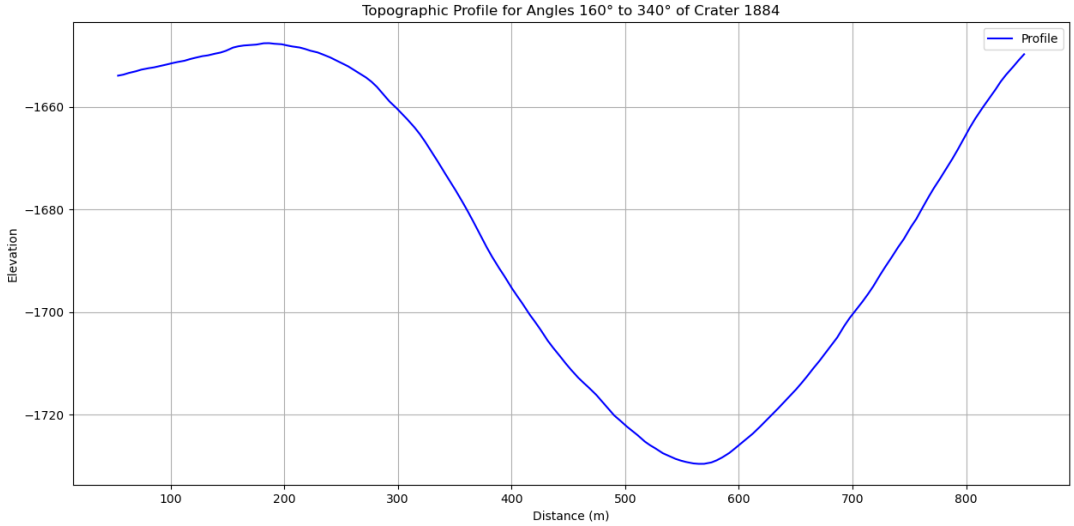
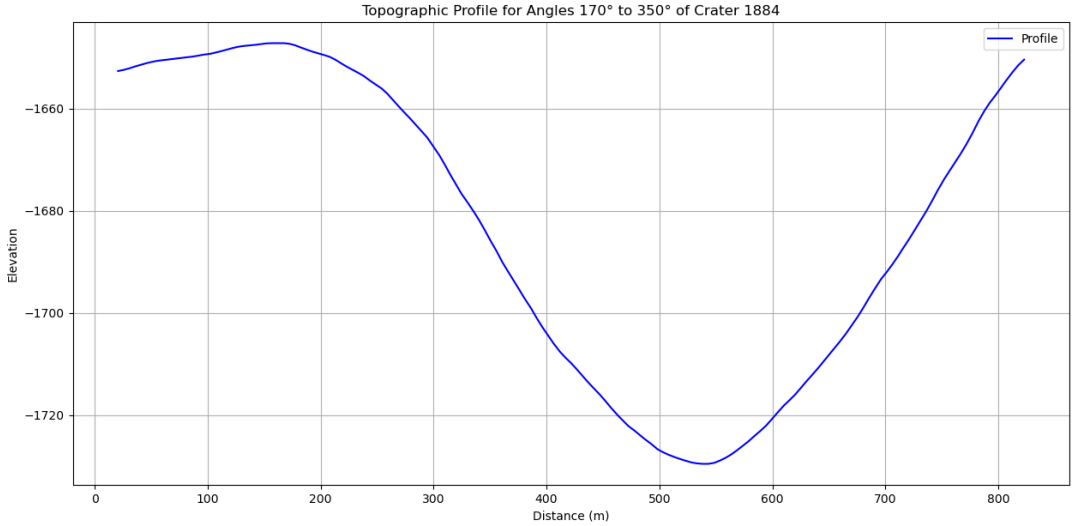
600
700
800
900


Topographic Profile for Angles 160° to 340° of Crater 1884
Profile
Elevation
Distance (m)
−1660
−1680
−1700
−1720
100
200
300
400
500
600
700
800


Topographic Profile for Angles 170° to 350° of Crater 1884
Profile
Elevation
−1660
−1680
−1700
−1720
0
100
200
300
400
500
600
700
800
Distance (m)