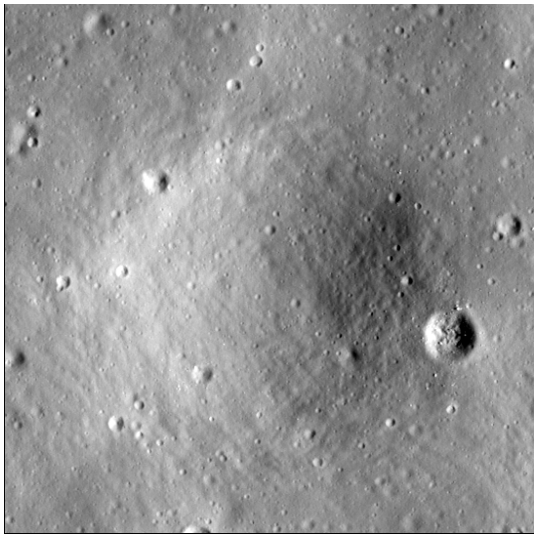
Crater report 1490 of RG2

General information



ID : 1490

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 300m ± 15.0m

Mean depht : 21.6m ± 0.7m

d/D ratio : 0.072 ± 0.004

Circularity index : 0.91

Mean slope : 9.23°

Mean value of TRI on the rim crest : 0.35

Geometric center coordinates : (3658778.529067644, 224216.9913039277)

Coordinates of the crater's lowest point : (3658787.000001101, 224217.00000006612)

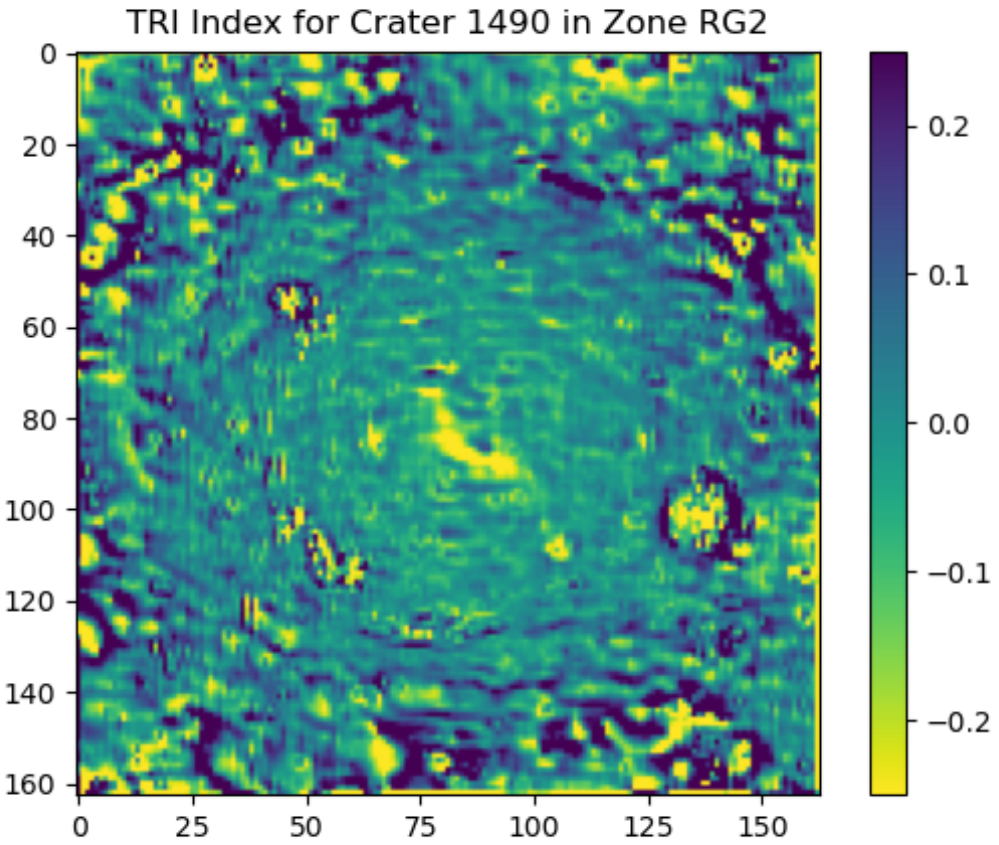
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	10.65	0.57
10°	9.87	0.54
20°	9.36	0.51
30°	9.21	0.48
40°	9.43	0.43
50°	9.07	0.43
60°	8.67	0.48
70°	8.67	0.51
80°	8.3	0.54
90°	8.36	0.57
100°	7.31	0.54
110°	5.7	0.52

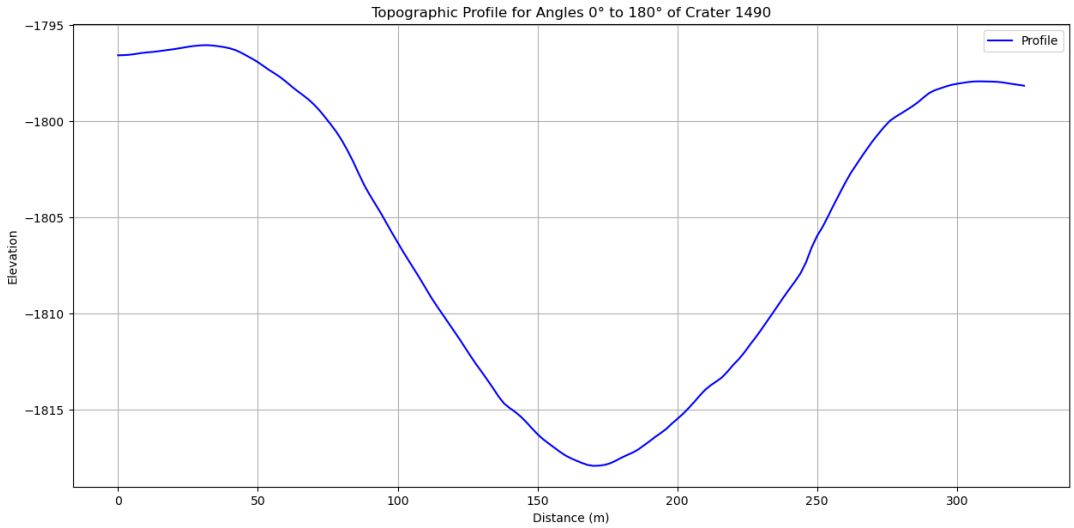
120°	6.61	0.48
130°	7.21	0.43
140°	8.06	0.43
150°	8.1	0.48
160°	8.15	0.51
170°	8.54	0.54
180°	9.46	0.57
190°	9.29	0.54
200°	9.19	0.51
210°	9.29	0.48
220°	9.75	0.43
230°	9.78	0.43
240°	10.19	0.48
250°	10.16	0.51
260°	10.16	0.54
270°	10.95	0.57
280°	10.43	0.54
290°	10.19	0.51
300°	9.99	0.48
310°	10.33	0.43
320°	10.71	0.43
330°	10.46	0.48
340°	10.2	0.51
350°	10.34	0.54

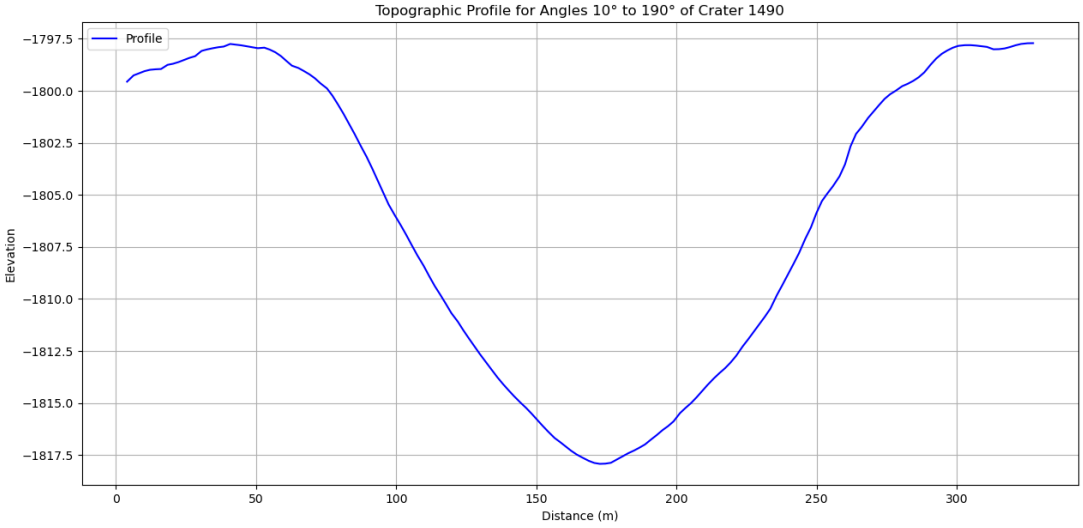
Topographic roughness index (TRI)

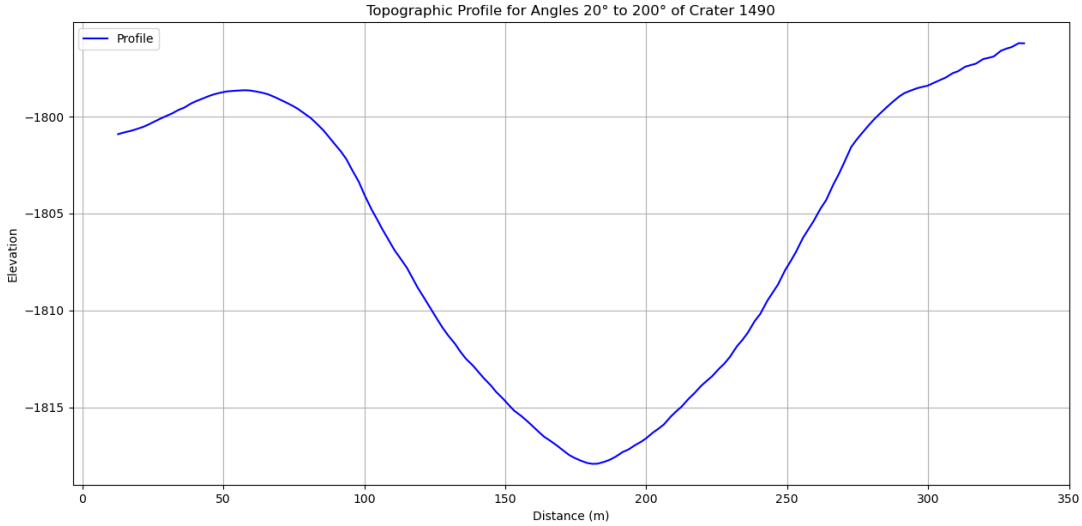
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

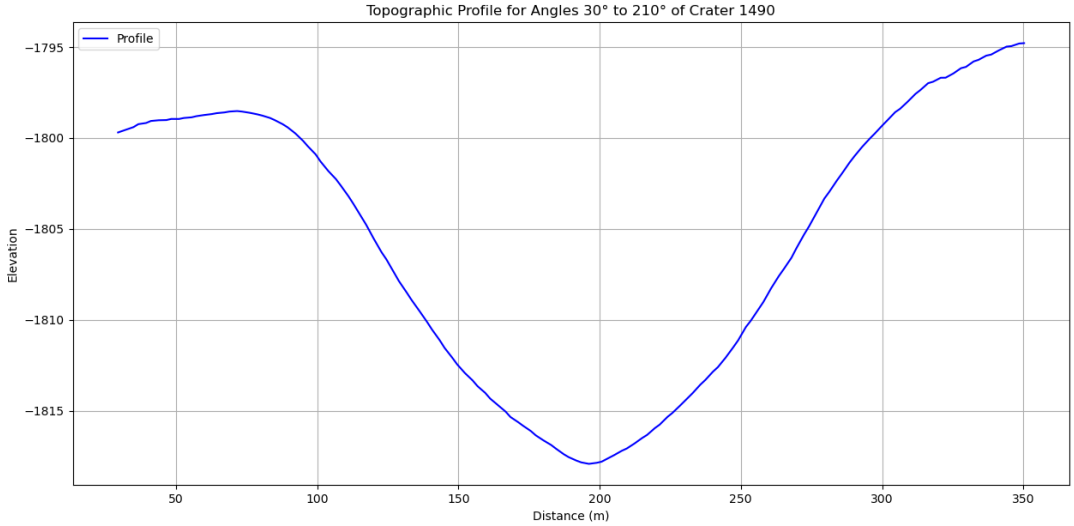


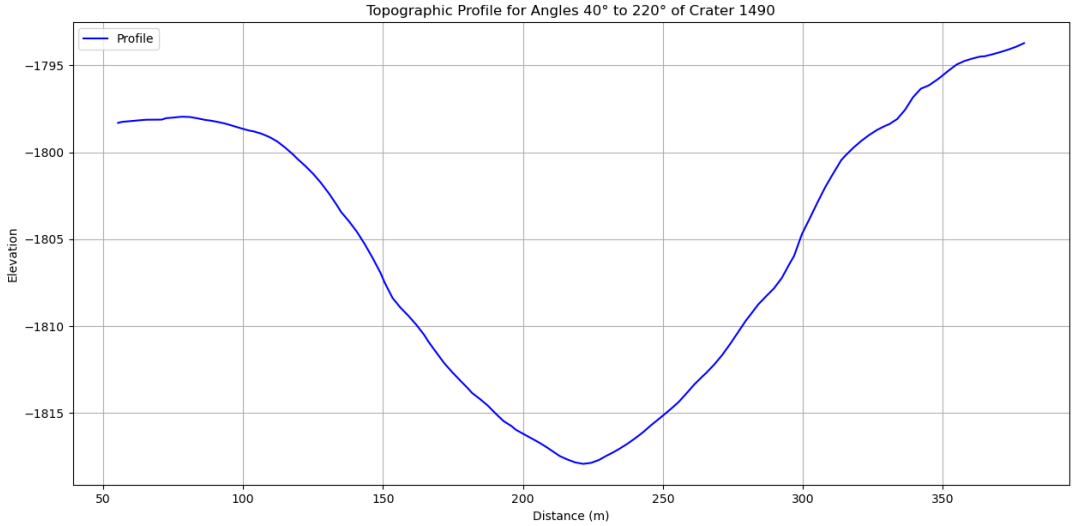
Topographic profiles

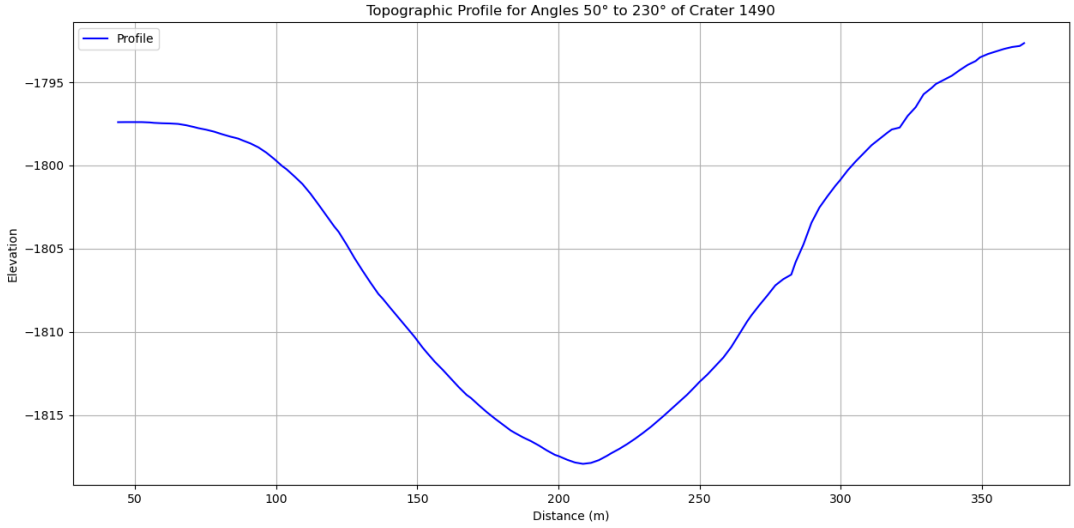


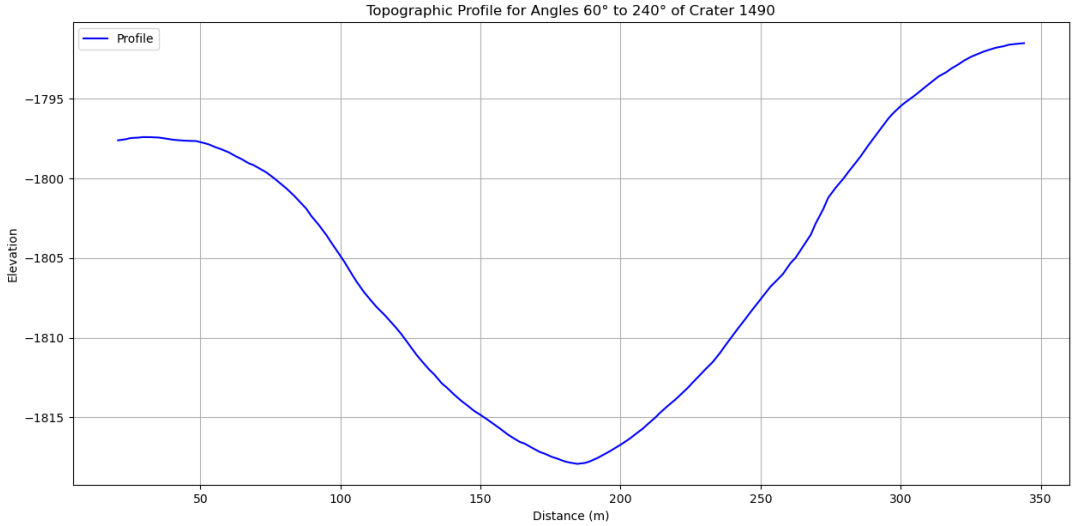

Topographic Profile for Angles 10° to 190° of Crater 1490
Profile
Elevation
Distance (m)
−1797.5
−1800.0
−1802.5
−1805.0
−1807.5
−1810.0
−1812.5
−1815.0
−1817.5
0
50
100
150
200
250
300

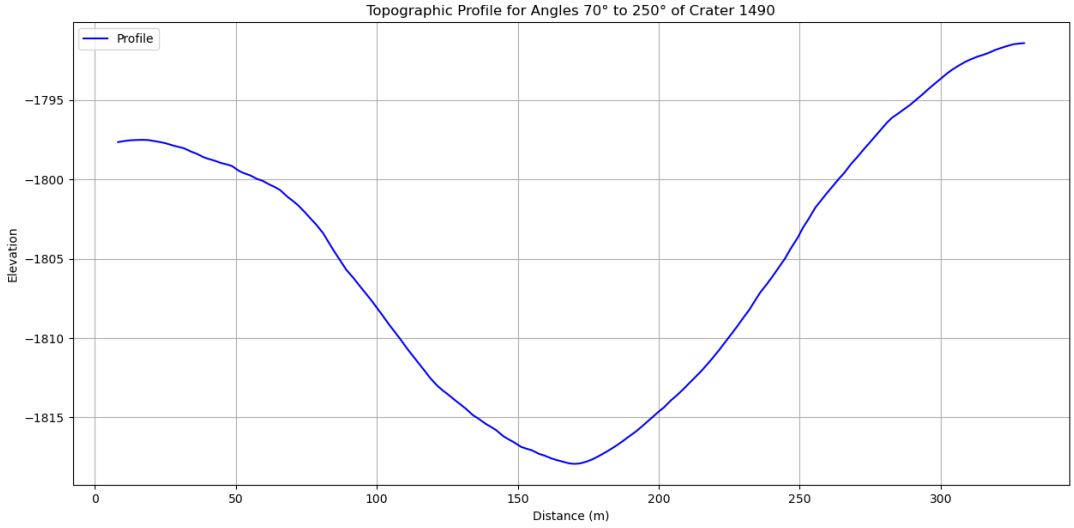

Topographic Profile for Angles 20° to 200° of Crater 1490
Profile
Elevation
Distance (m)
−1800
−1805
−1810
−1815
0
50
100
150
200
250
300
350

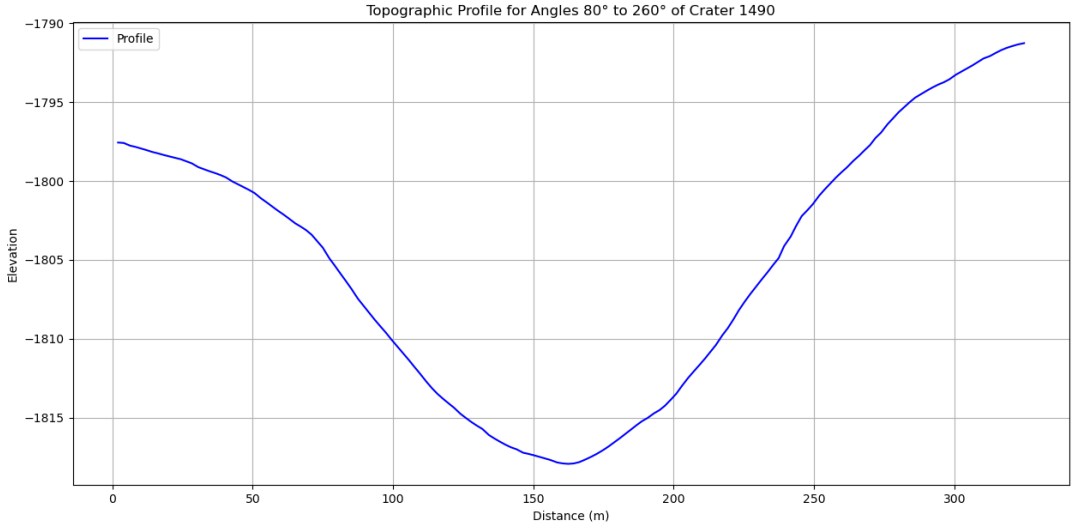

Topographic Profile for Angles 30° to 210° of Crater 1490
Profile
Elevation
Distance (m)
−1795
−1800
−1805
−1810
−1815
50
100
150
200
250
300
350

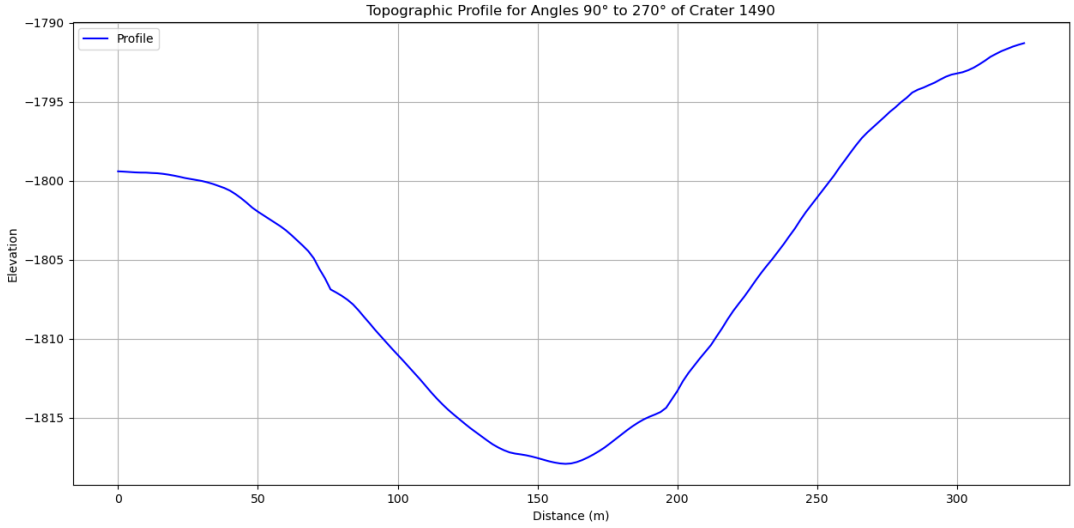

Topographic Profile for Angles 40° to 220° of Crater 1490
Profile
Elevation
Distance (m)
−1795
−1800
−1805
−1810
−1815
50
100
150
200
250
300
350

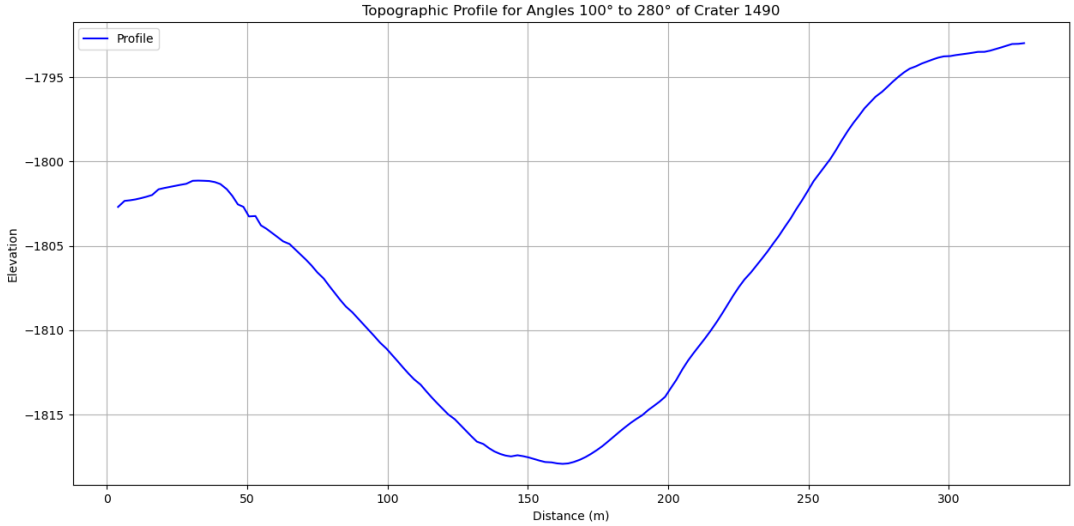

Topographic Profile for Angles 50° to 230° of Crater 1490
Profile
Elevation
−1795
−1800
−1805
−1810
−1815
50
100
150
200
250
300
350
Distance (m)

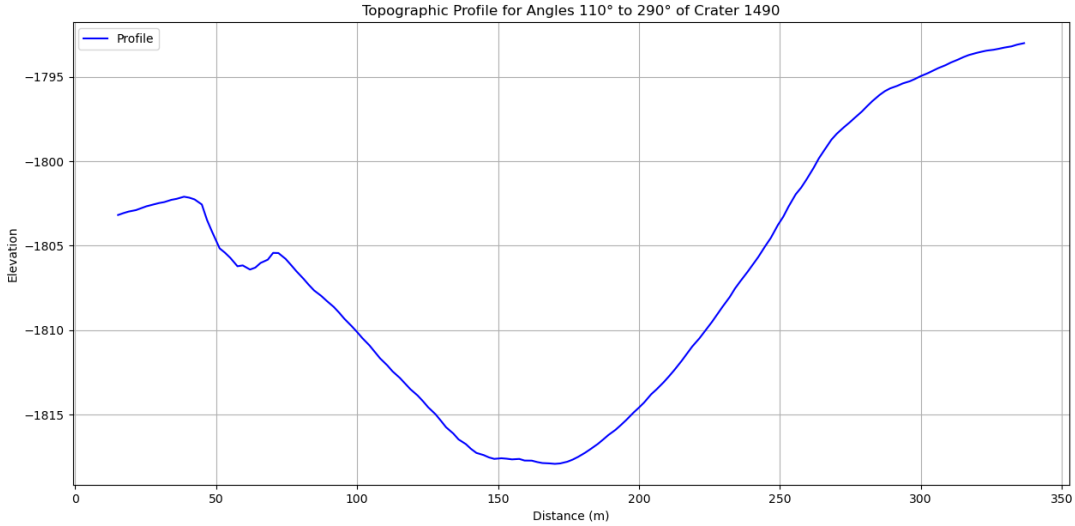

Topographic Profile for Angles 60° to 240° of Crater 1490
Profile
Elevation
−1795
−1800
−1805
−1810
−1815
50
100
150
200
250
300
350
Distance (m)

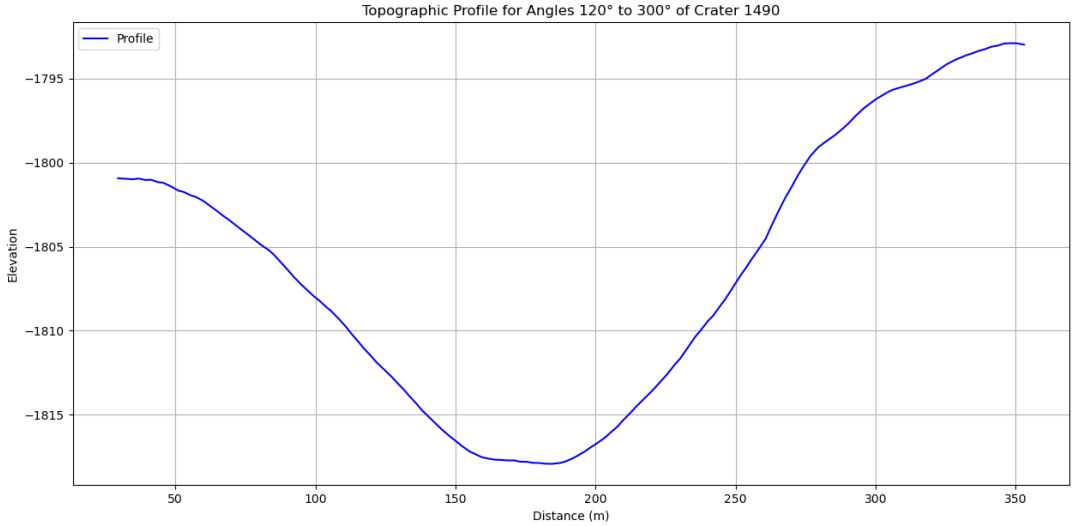

Topographic Profile for Angles 70° to 250° of Crater 1490
Profile
Elevation
−1795
−1800
−1805
−1810
−1815
0
50
100
150
200
250
300
Distance (m)

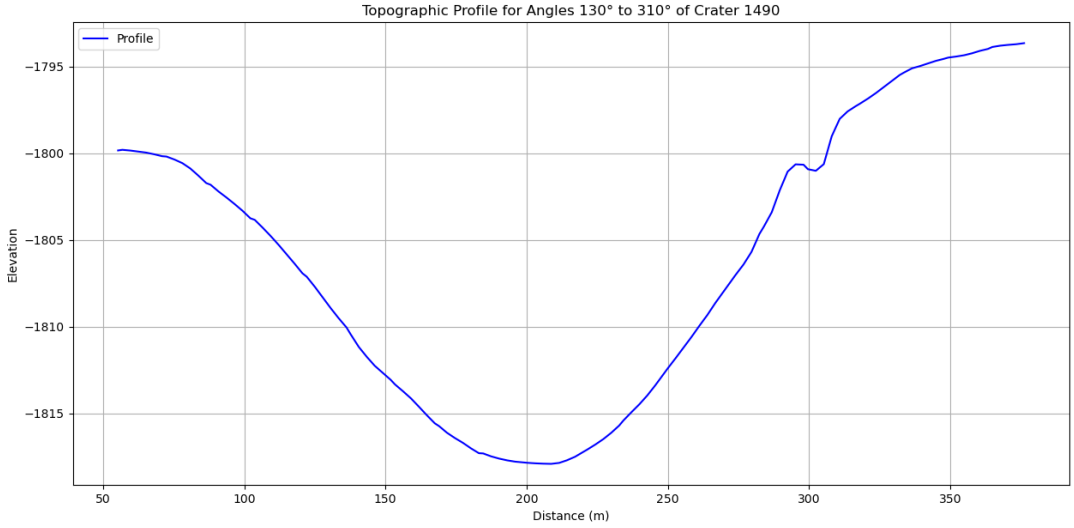

Topographic Profile for Angles 80° to 260° of Crater 1490
Profile
Elevation
−1790
−1795
−1800
−1805
−1810
−1815
0
50
100
150
200
250
300
Distance (m)

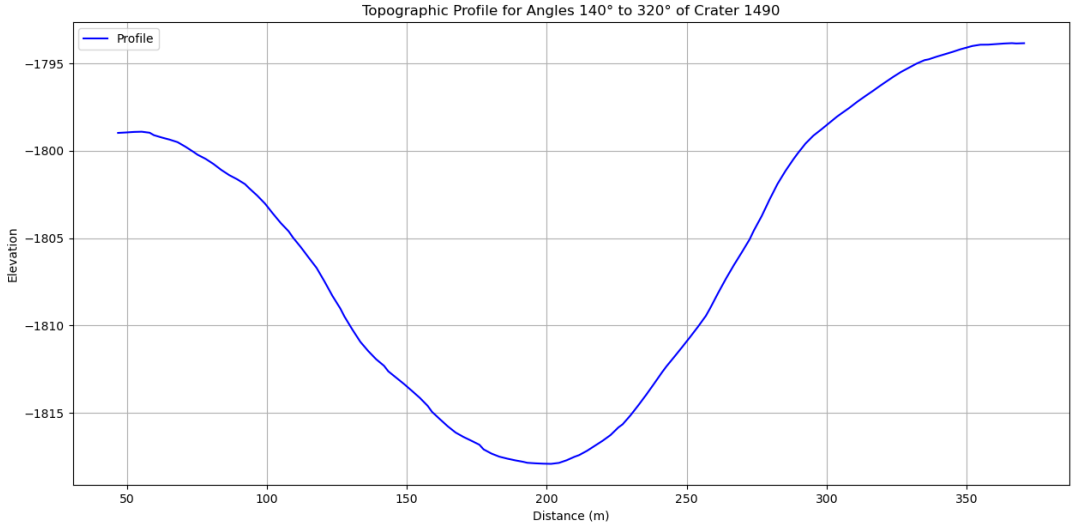

Topographic Profile for Angles 90° to 270° of Crater 1490
Profile
Elevation
Distance (m)
−1790
−1795
−1800
−1805
−1810
−1815
0
50
100
150
200
250
300

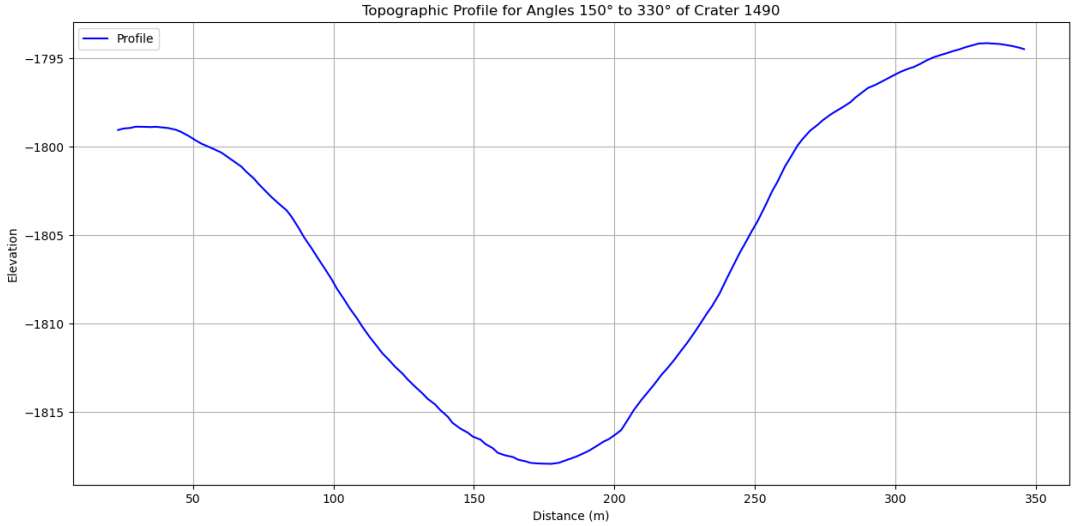

Topographic Profile for Angles 100° to 280° of Crater 1490
Profile
Elevation
Distance (m)
−1795
−1800
−1805
−1810
−1815
0
50
100
150
200
250
300

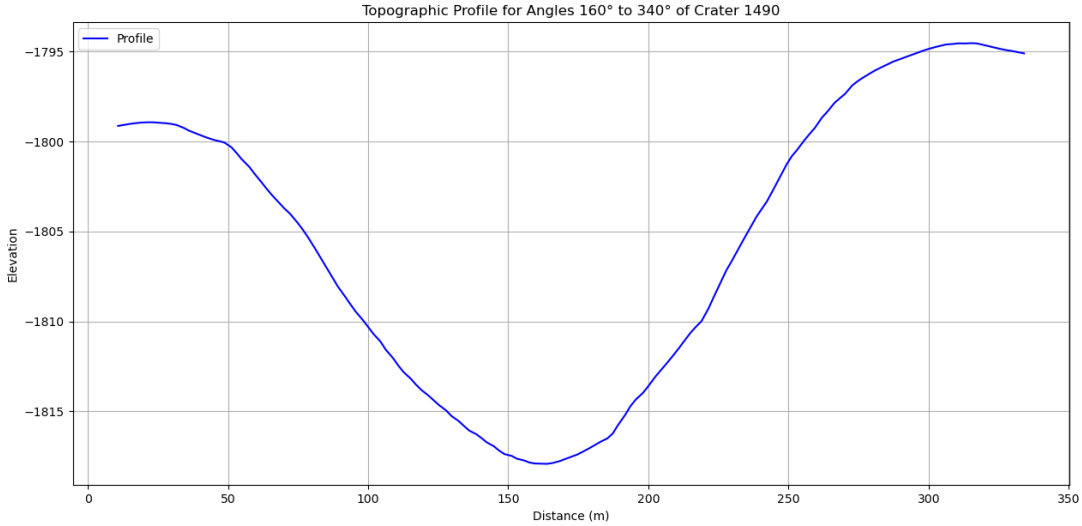

Topographic Profile for Angles 110° to 290° of Crater 1490
Profile
Elevation
−1795
−1800
−1805
−1810
−1815
0
50
100
150
200
250
300
350
Distance (m)

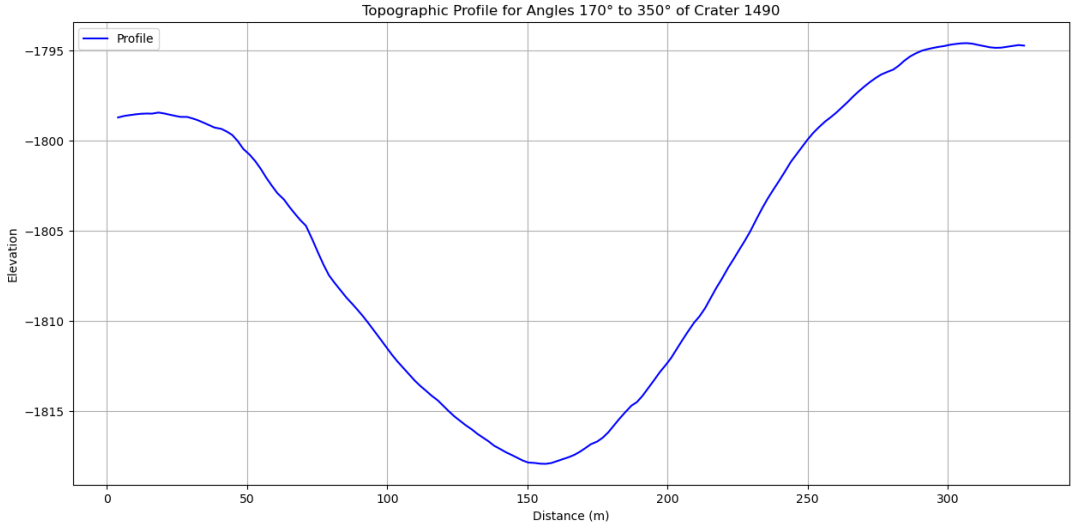

Topographic Profile for Angles 120° to 300° of Crater 1490
Profile
Elevation
−1795
−1800
−1805
−1810
−1815
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 1490
Profile
Elevation
Distance (m)
−1795
−1800
−1805
−1810
−1815
50
100
150
200
250
300
350


Topographic Profile for Angles 140° to 320° of Crater 1490
Profile
Elevation
Distance (m)
−1795
−1800
−1805
−1810
−1815
50
100
150
200
250
300
350


Topographic Profile for Angles 150° to 330° of Crater 1490
Profile
Elevation
−1795
−1800
−1805
−1810
−1815
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 1490
Profile
Elevation
−1795
−1800
−1805
−1810
−1815
0
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 1490
Profile
Elevation
−1795
−1800
−1805
−1810
−1815
0
50
100
150
200
250
300
Distance (m)