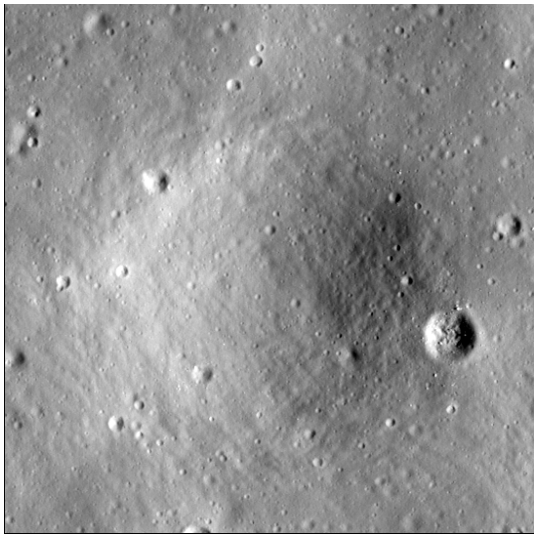
Crater report 1490 of RG2

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

Slope : Between 6.67° et 13.43°

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)

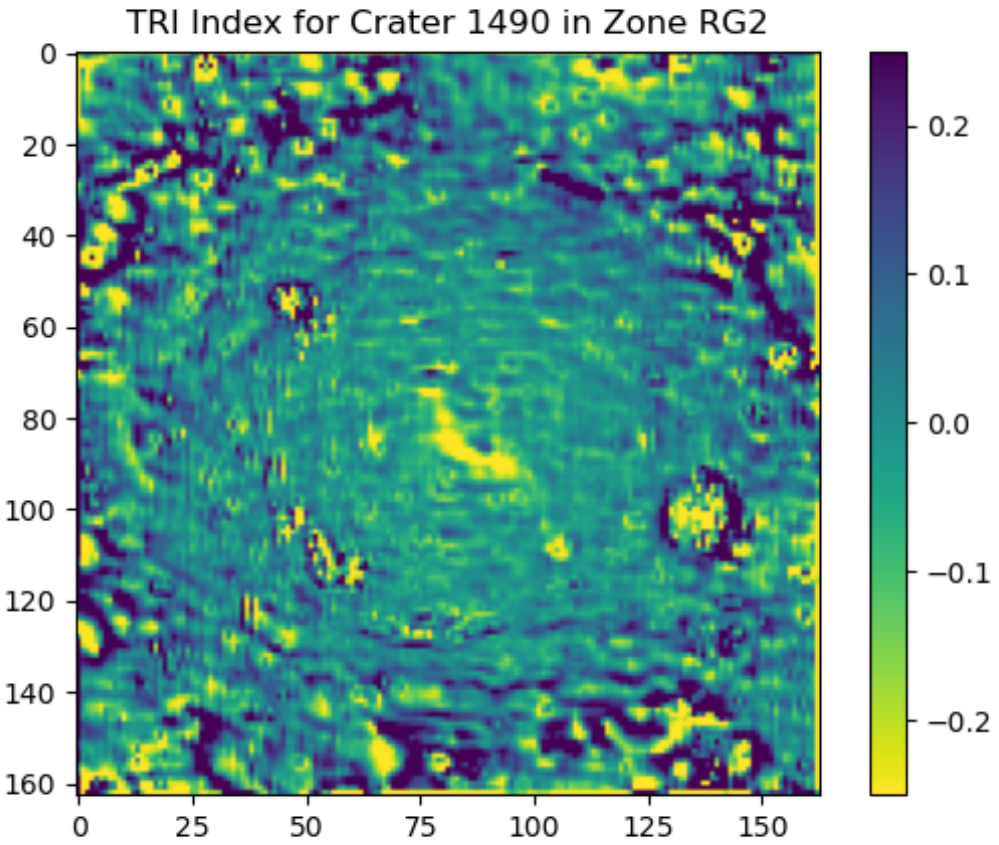
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	13.43	0.57
10°	12.4	0.54
20°	11.78	0.51
30°	11.64	0.48
40°	12.11	0.44
50°	11.84	0.43
60°	11.34	0.47
70°	11.58	0.51
80°	10.86	0.54
90°	11.1	0.57
100°	9.51	0.54
110°	6.67	0.52

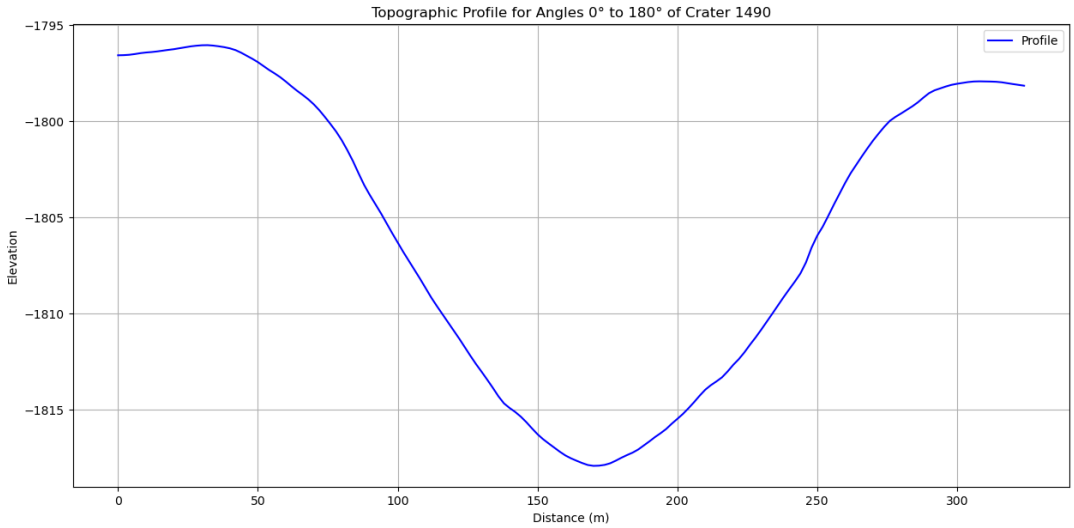
120°	8.8	0.48
130°	9.78	0.43
140°	10.94	0.43
150°	10.74	0.48
160°	10.54	0.51
170°	11.0	0.54
180°	12.18	0.57
190°	12.29	0.54
200°	11.8	0.51
210°	11.6	0.48
220°	11.84	0.43
230°	11.7	0.43
240°	12.43	0.48
250°	12.38	0.51
260°	12.2	0.55
270°	13.42	0.57
280°	12.91	0.54
290°	12.35	0.51
300°	11.94	0.48
310°	12.31	0.43
320°	13.12	0.43
330°	13.07	0.47
340°	12.56	0.52
350°	12.8	0.54

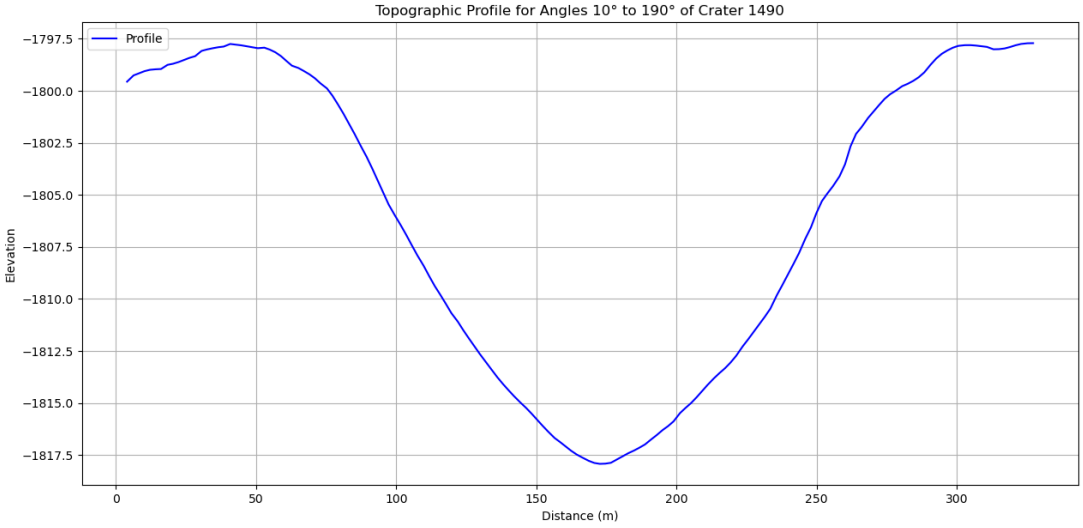
Topographic roughness index (TRI)

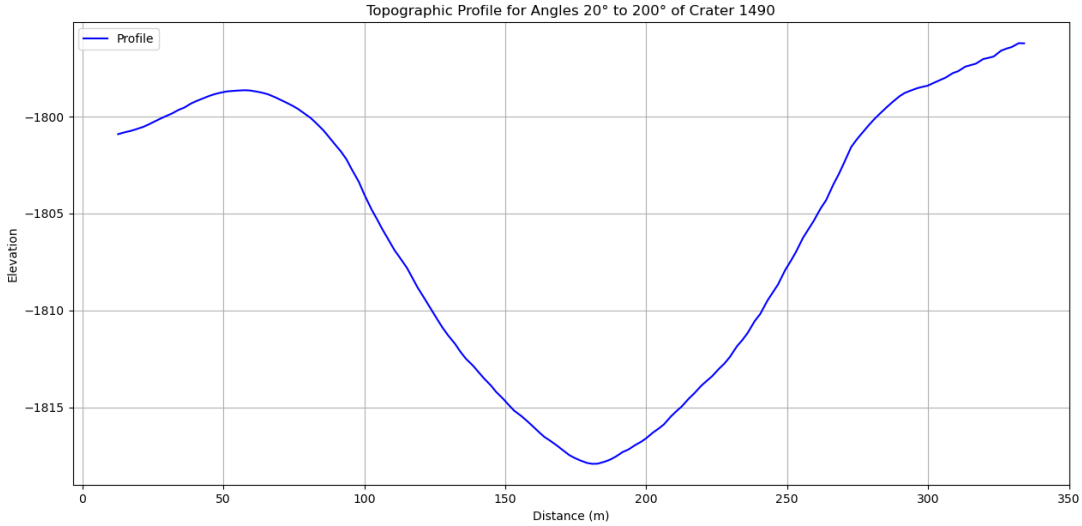
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

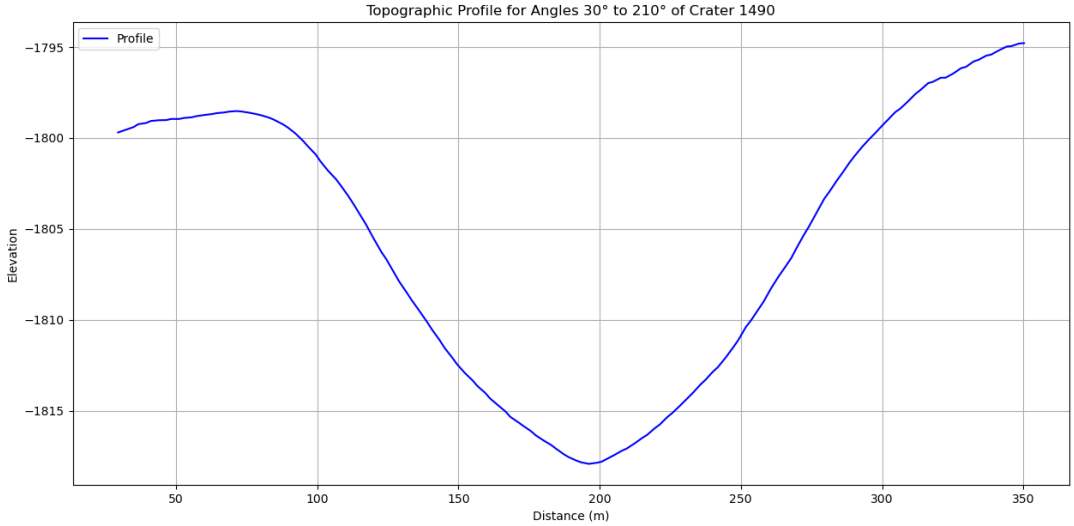


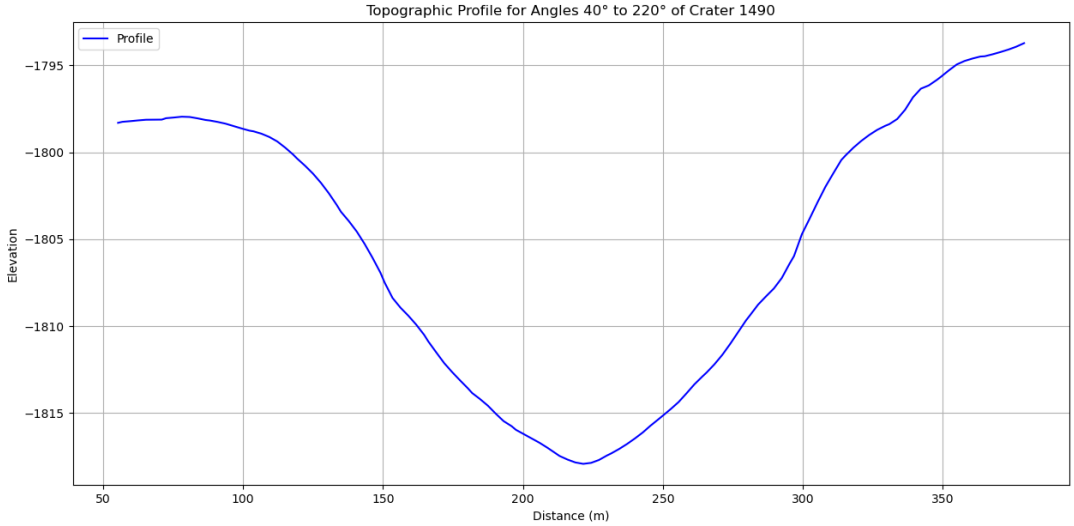
Topographic profiles

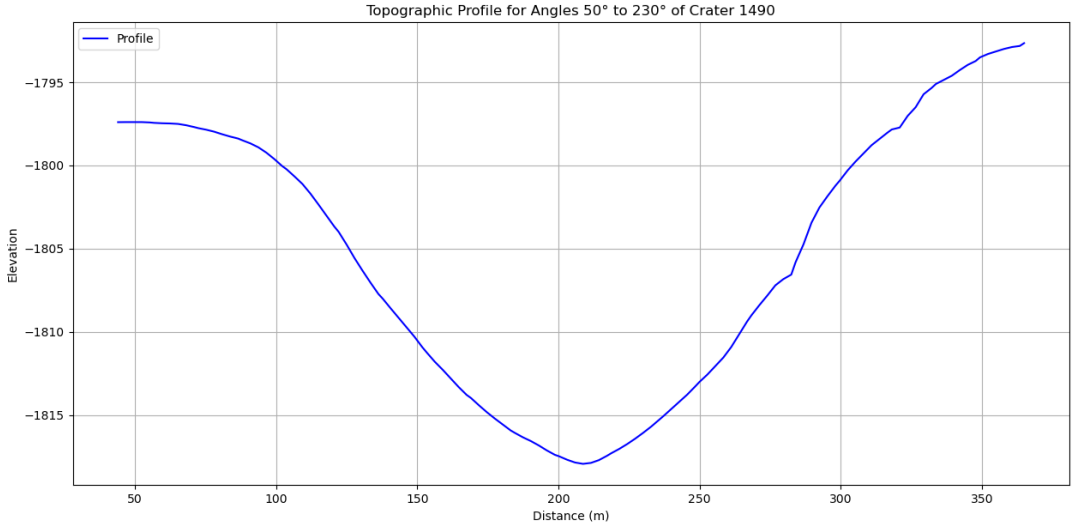


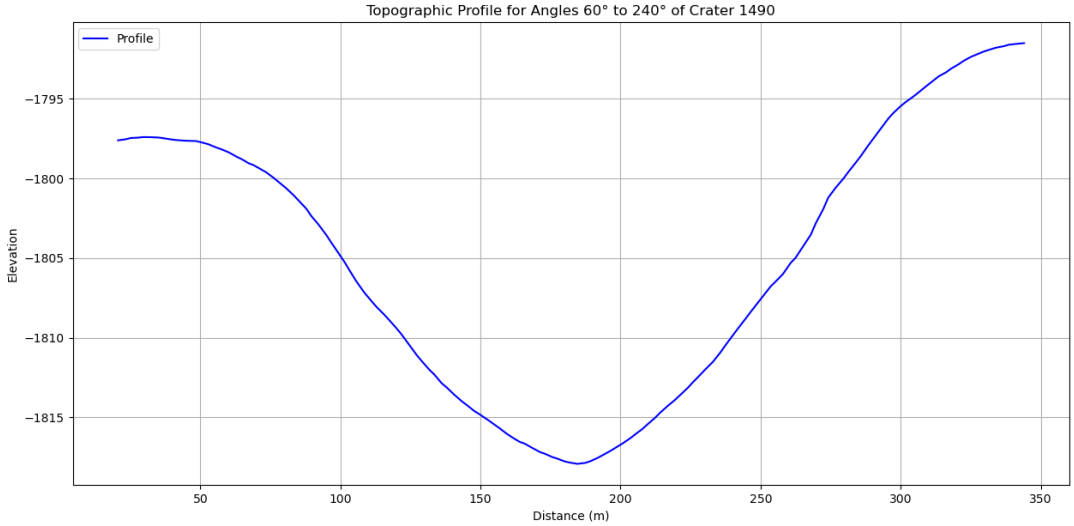

Topographic Profile for Angles 10° to 190° of Crater 1490
Profile
Elevation
Distance (m)
−1797.5
−1800.0
−1802.5
−1805.0
−1807.5
−1810.0
−1812.5
−1815.0
−1817.5
0
50
100
150
200
250
300

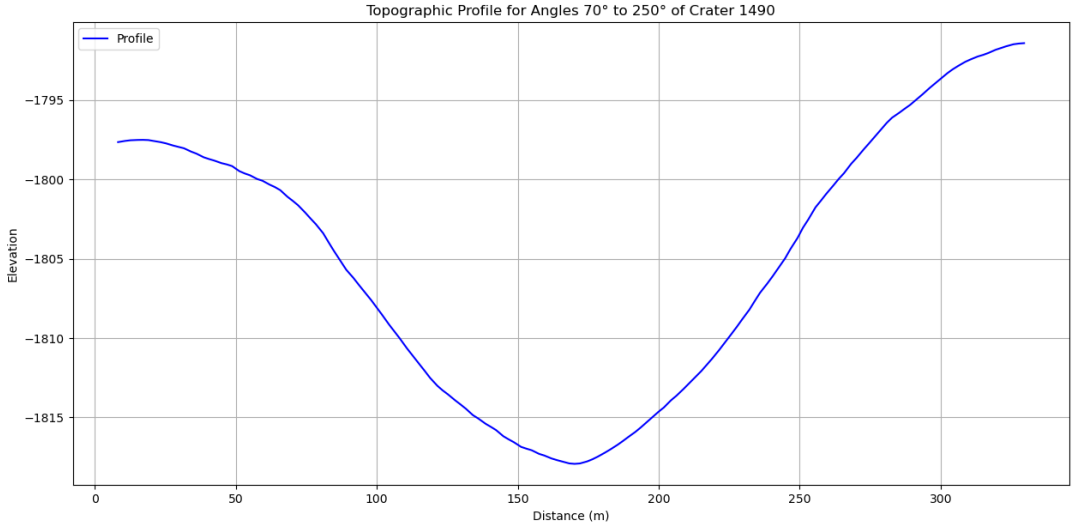

Topographic Profile for Angles 20° to 200° of Crater 1490
Profile
Elevation
Distance (m)
−1800
−1805
−1810
−1815
0
50
100
150
200
250
300
350

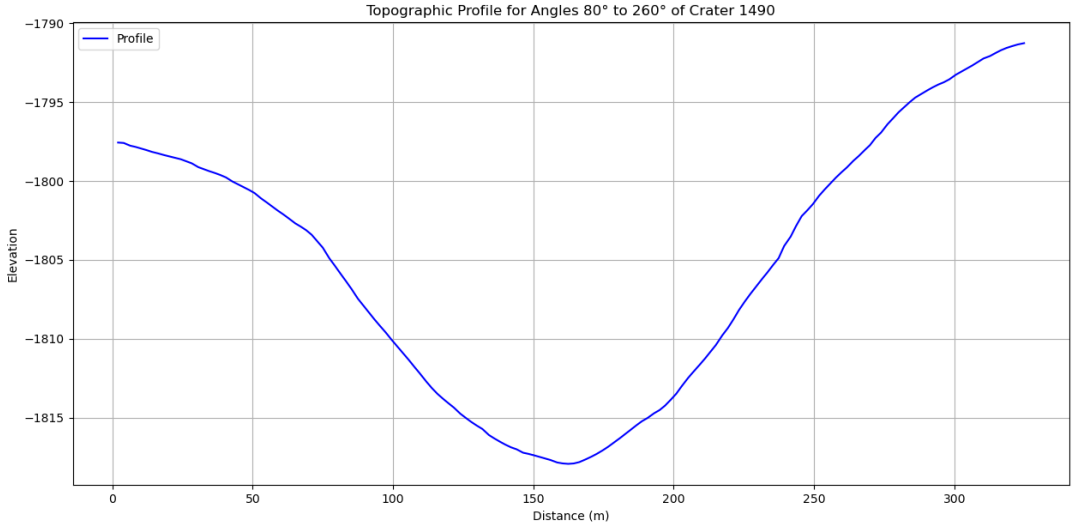

Topographic Profile for Angles 30° to 210° of Crater 1490
Profile
Elevation
Distance (m)
−1795
−1800
−1805
−1810
−1815
50
100
150
200
250
300
350

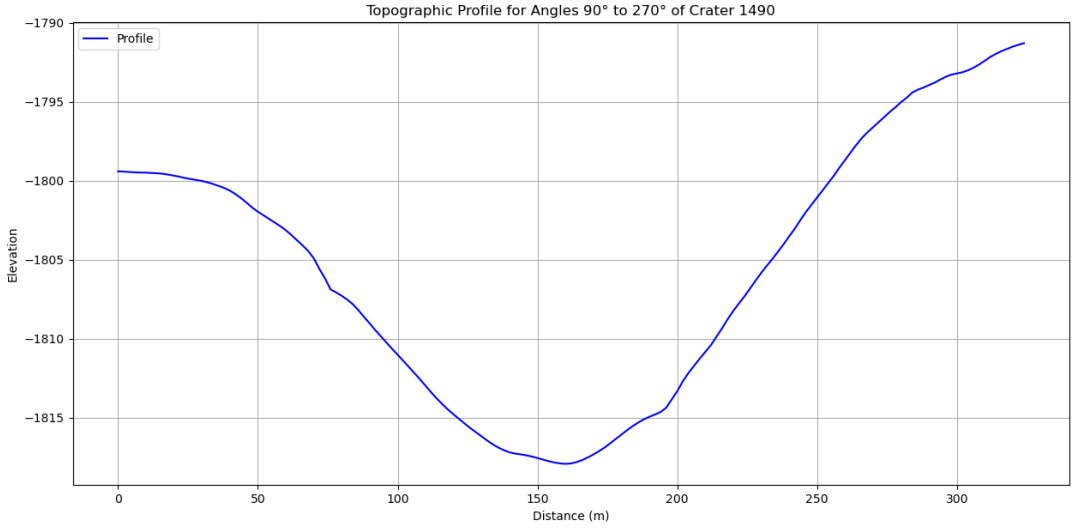

Topographic Profile for Angles 40° to 220° of Crater 1490
Profile
Elevation
Distance (m)
−1795
−1800
−1805
−1810
−1815
50
100
150
200
250
300
350

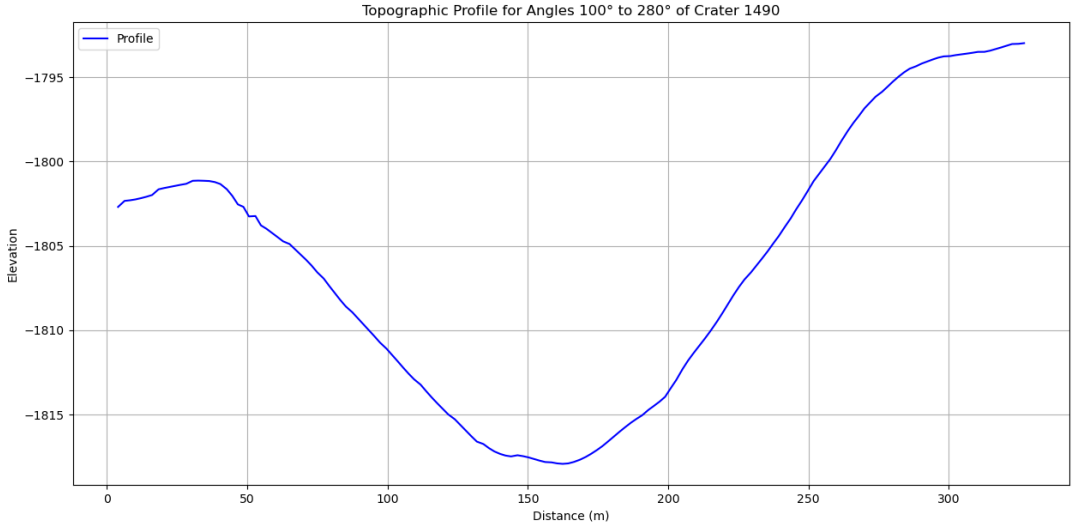

Topographic Profile for Angles 50° to 230° of Crater 1490
Profile
Elevation
−1795
−1800
−1805
−1810
−1815
50
100
150
200
250
300
350
Distance (m)

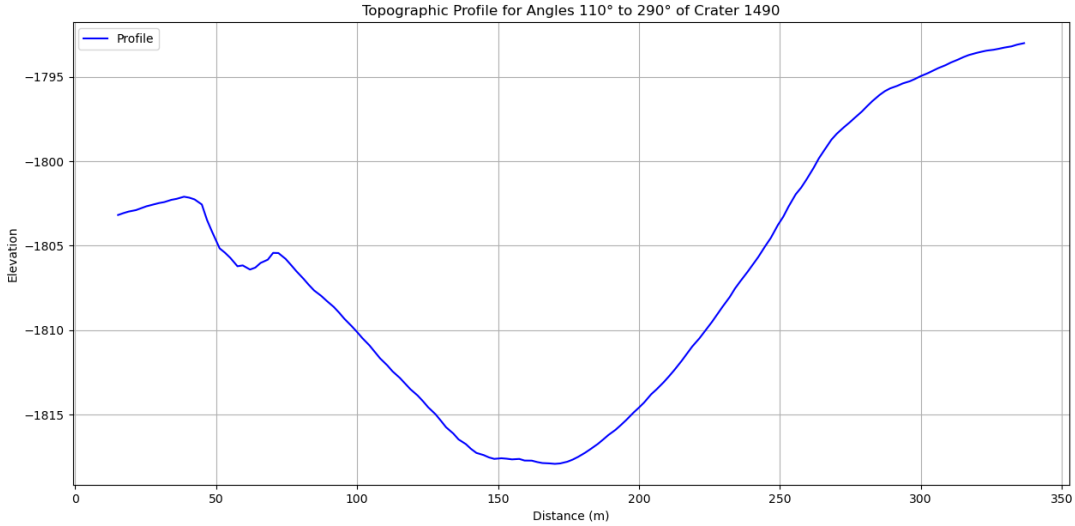

Topographic Profile for Angles 60° to 240° of Crater 1490
Profile
Elevation
−1795
−1800
−1805
−1810
−1815
50
100
150
200
250
300
350
Distance (m)

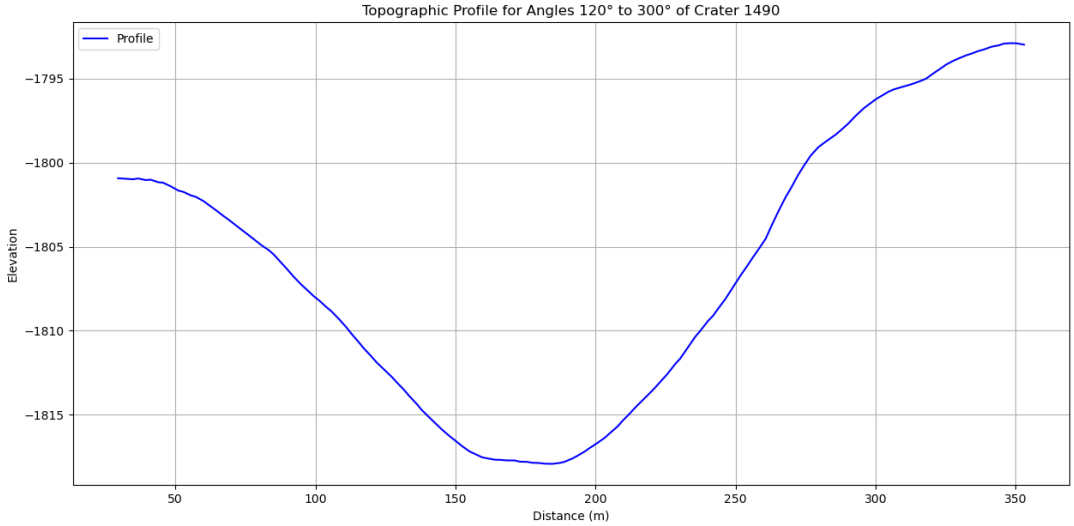

Topographic Profile for Angles 70° to 250° of Crater 1490
Profile
Elevation
−1795
−1800
−1805
−1810
−1815
0
50
100
150
200
250
300
Distance (m)

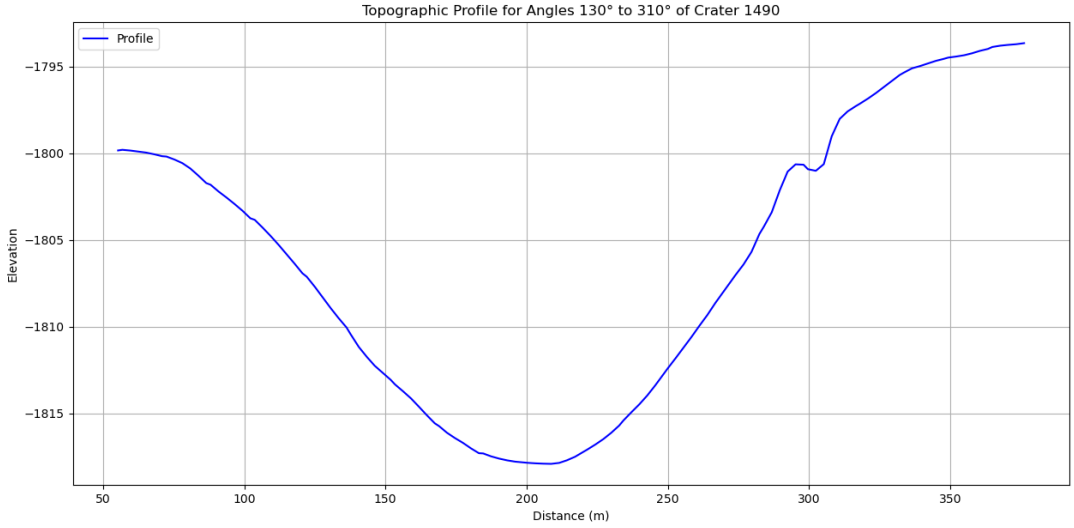

Topographic Profile for Angles 80° to 260° of Crater 1490
Profile
Elevation
−1790
−1795
−1800
−1805
−1810
−1815
0
50
100
150
200
250
300
Distance (m)

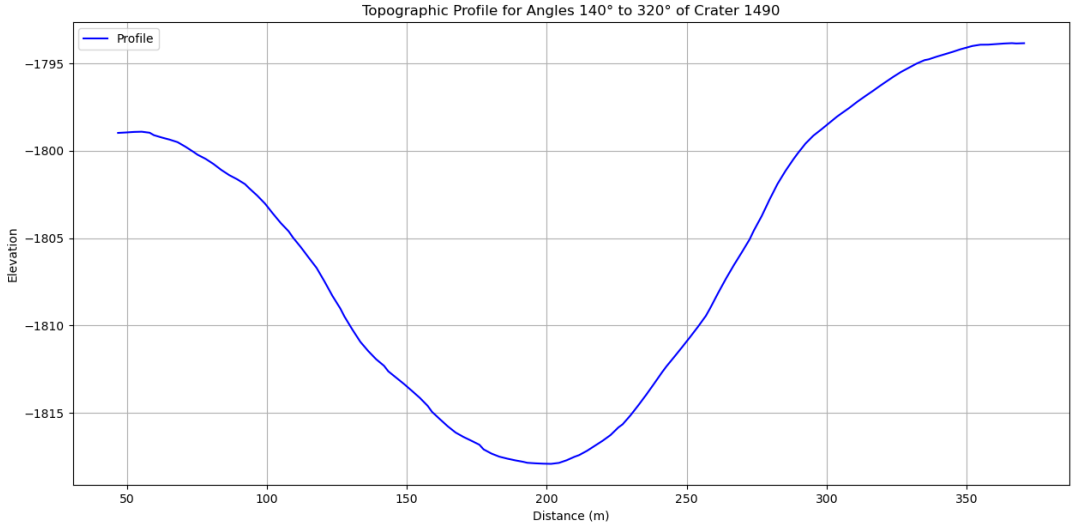

Topographic Profile for Angles 90° to 270° of Crater 1490
Profile
Elevation
Distance (m)
−1790
−1795
−1800
−1805
−1810
−1815
0
50
100
150
200
250
300

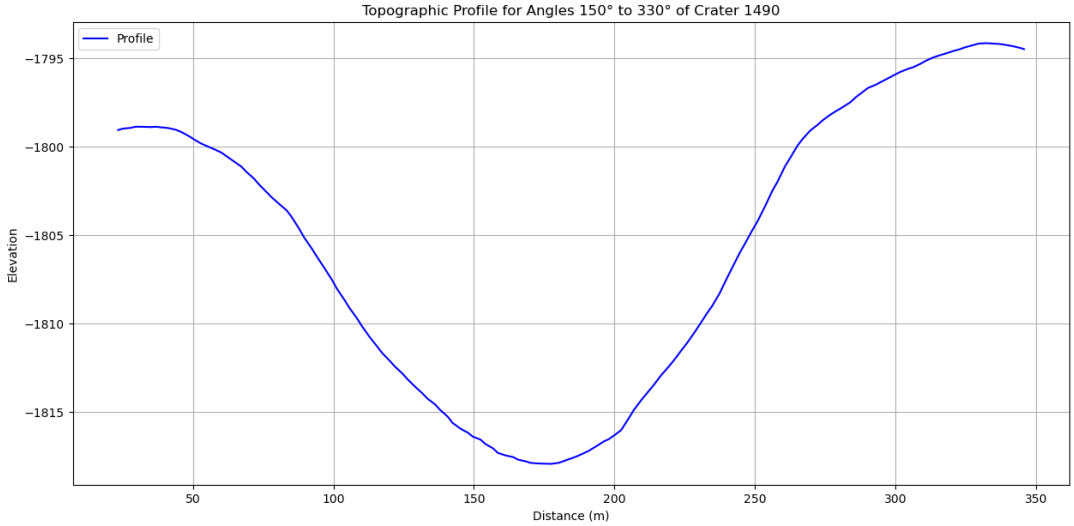

Topographic Profile for Angles 100° to 280° of Crater 1490
Profile
Elevation
Distance (m)
−1795
−1800
−1805
−1810
−1815
0
50
100
150
200
250
300

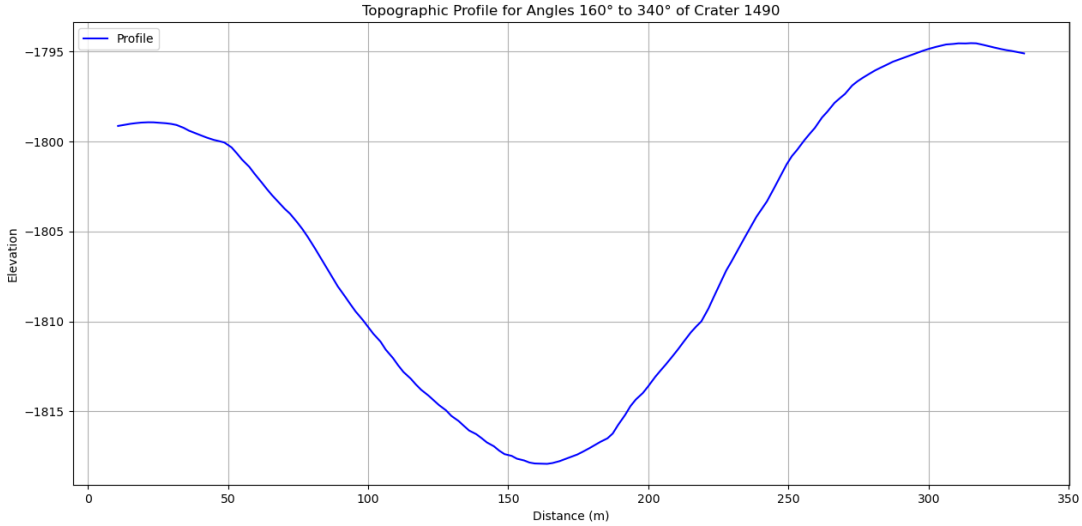

Topographic Profile for Angles 110° to 290° of Crater 1490
Profile
Elevation
−1795
−1800
−1805
−1810
−1815
0
50
100
150
200
250
300
350
Distance (m)

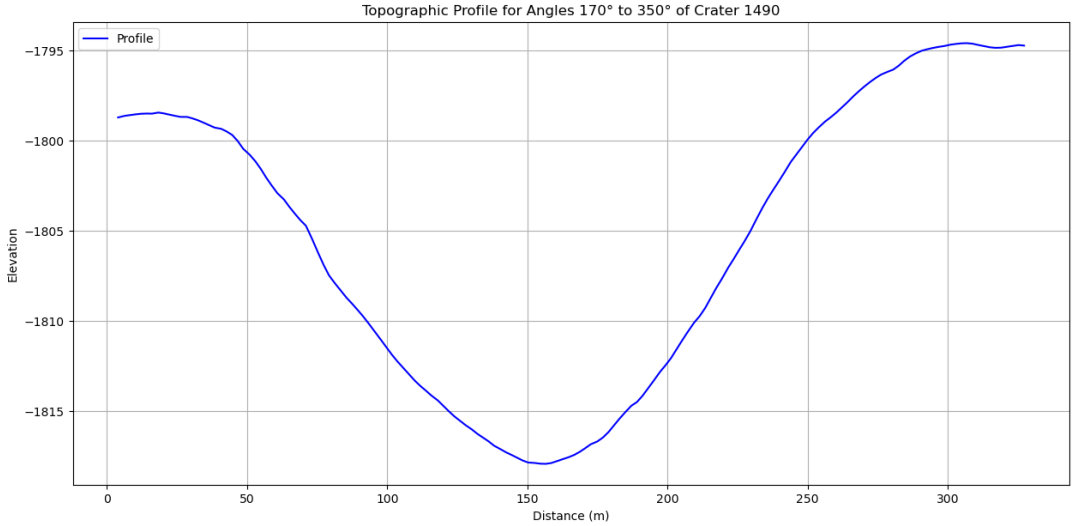

Topographic Profile for Angles 120° to 300° of Crater 1490
Profile
Elevation
−1795
−1800
−1805
−1810
−1815
50
100
150
200
250
300
350
Distance (m)


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)