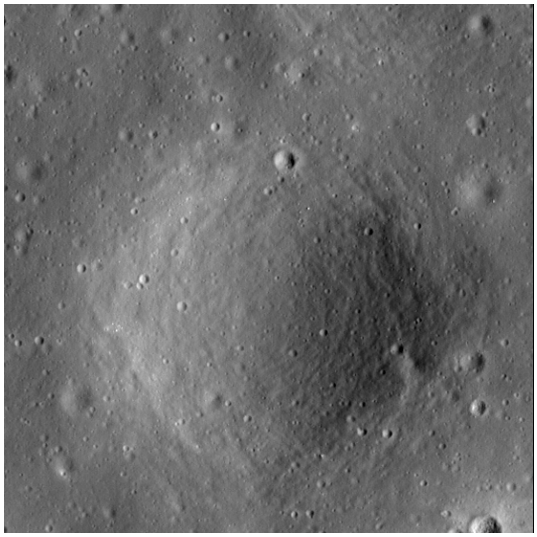
Crater report 1342 of RG2

General information



ID : 1342

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 291m ± 16.0m

Mean depht : 17.8m ± 0.3m

d/D ratio : 0.061 ± 0.003

Circularity index : 0.92

Slope : Between 8.56° et 11.22°

Mean value of TRI on the rim crest : 0.28

Geometric center coordinates : (3659193.0254871477, 226395.18972738762)

Coordinates of the crater's lowest point : (3659181.0000011013, 226387.0000000668)

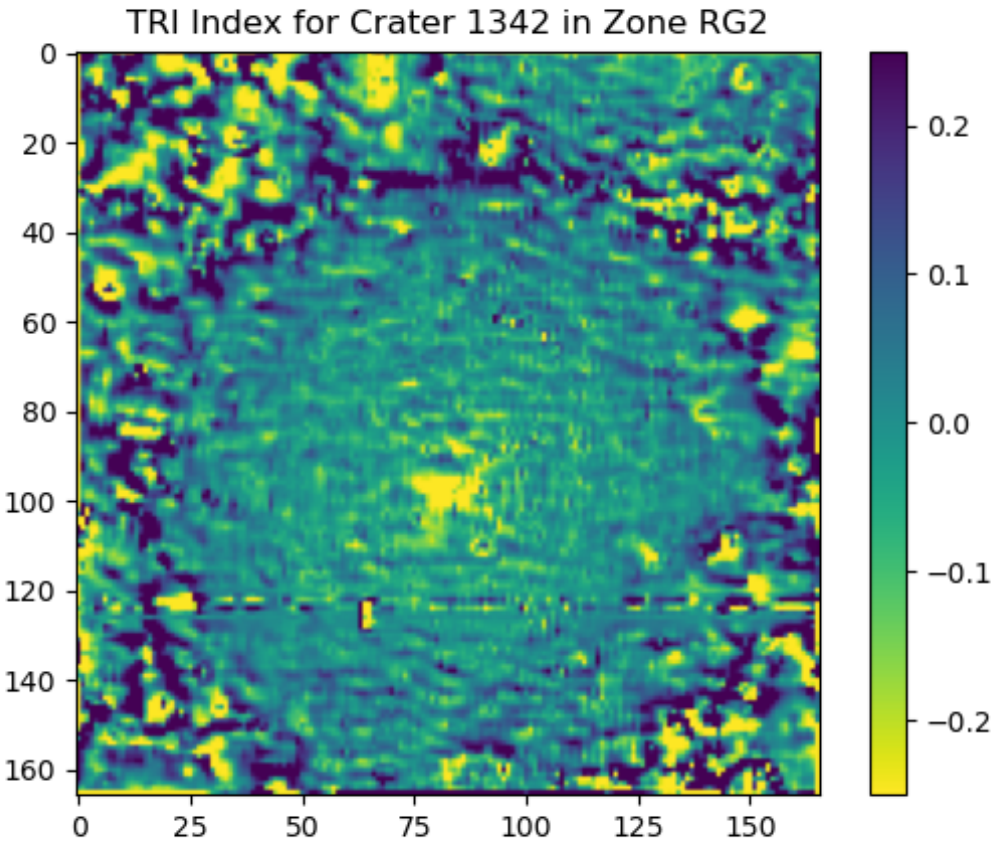
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	11.15	0.57
10°	10.94	0.54
20°	11.2	0.51
30°	10.67	0.47
40°	10.39	0.43
50°	10.02	0.43
60°	9.14	0.48
70°	8.89	0.51
80°	8.56	0.54
90°	9.18	0.57
100°	9.15	0.54
110°	8.72	0.51

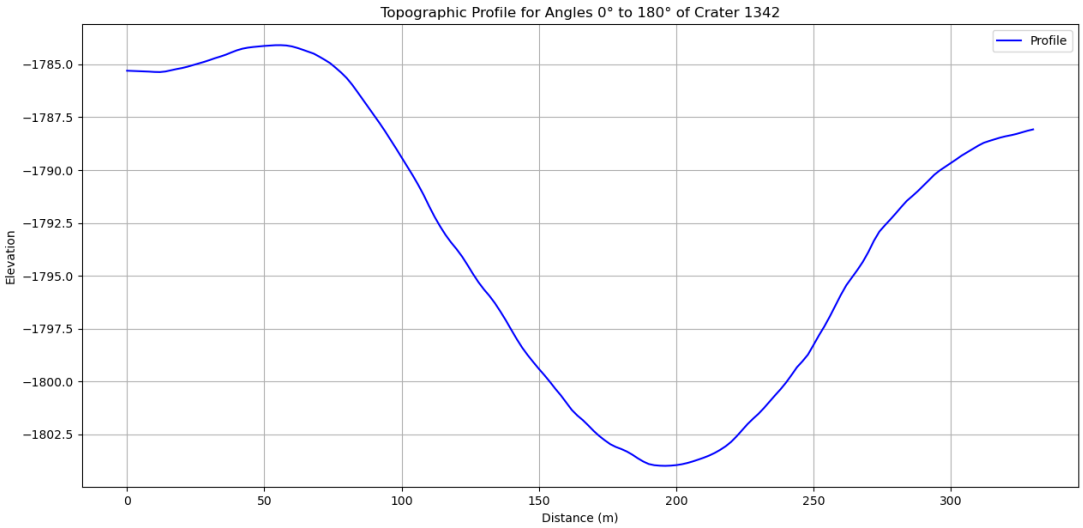
120°	10.29	0.48
130°	10.91	0.43
140°	10.74	0.43
150°	10.62	0.48
160°	10.63	0.51
170°	10.59	0.54
180°	10.73	0.57
190°	10.92	0.54
200°	10.76	0.52
210°	10.74	0.48
220°	10.4	0.44
230°	10.31	0.44
240°	9.69	0.48
250°	9.66	0.51
260°	9.8	0.54
270°	9.83	0.57
280°	9.1	0.54
290°	9.24	0.52
300°	9.7	0.48
310°	10.69	0.44
320°	11.22	0.44
330°	10.5	0.48
340°	10.34	0.52
350°	10.4	0.54

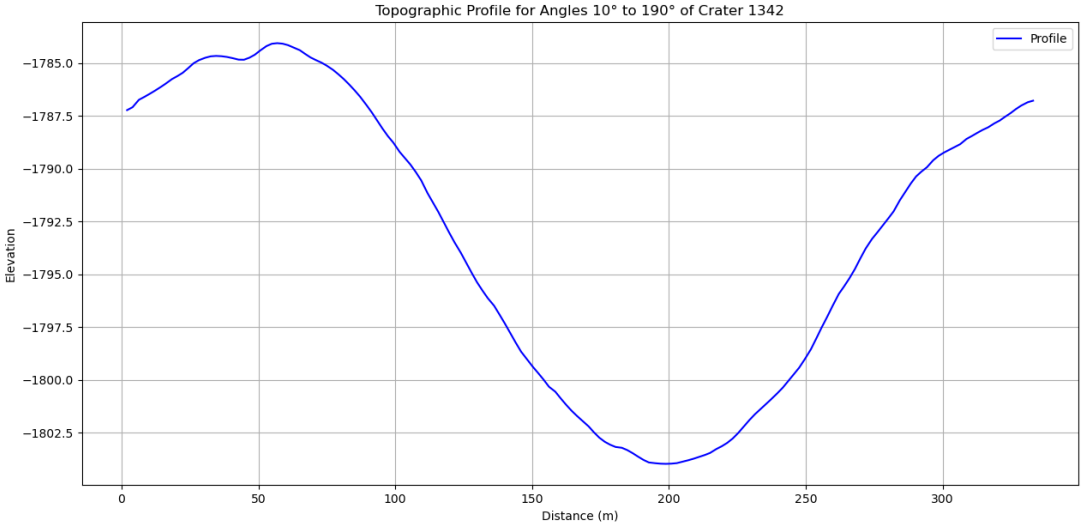
Topographic roughness index (TRI)

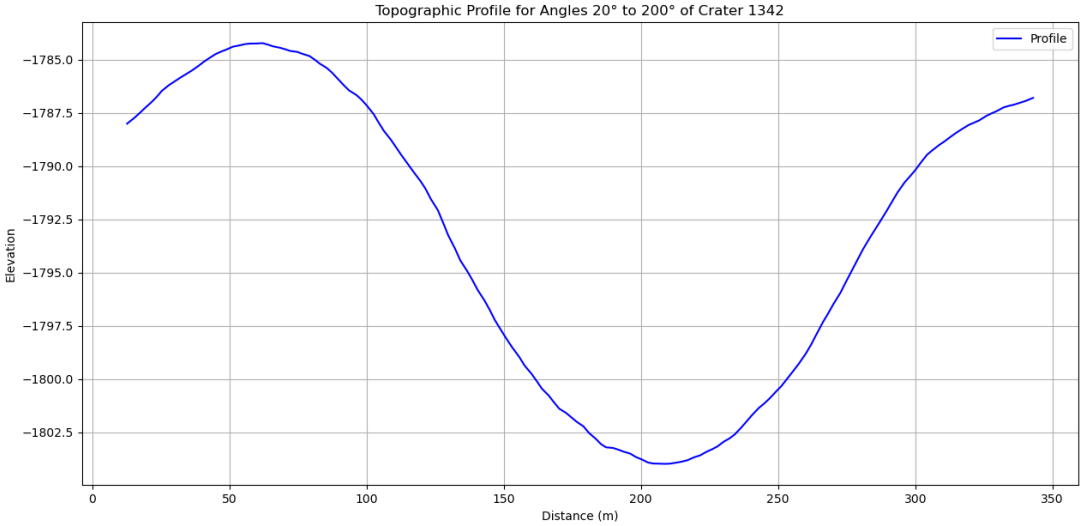
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

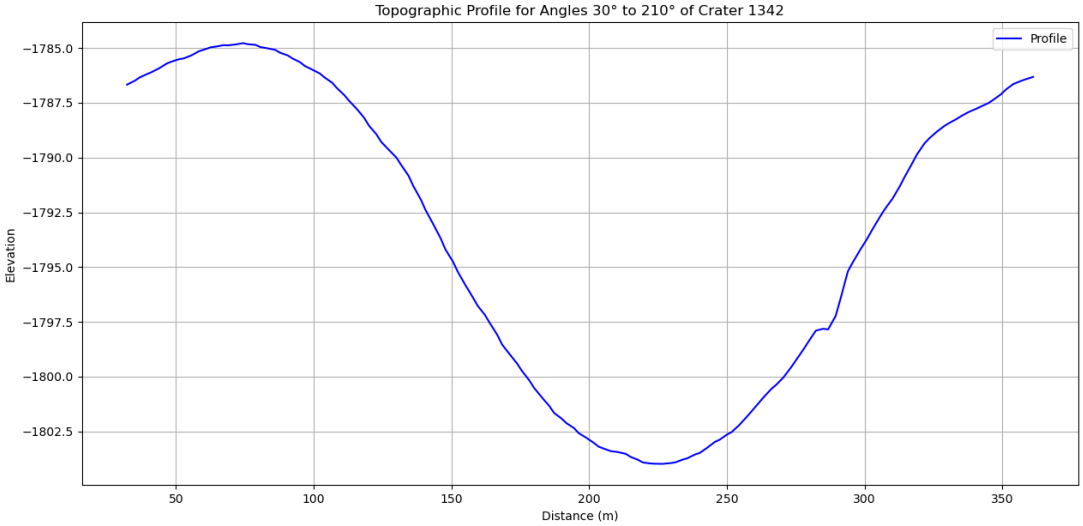


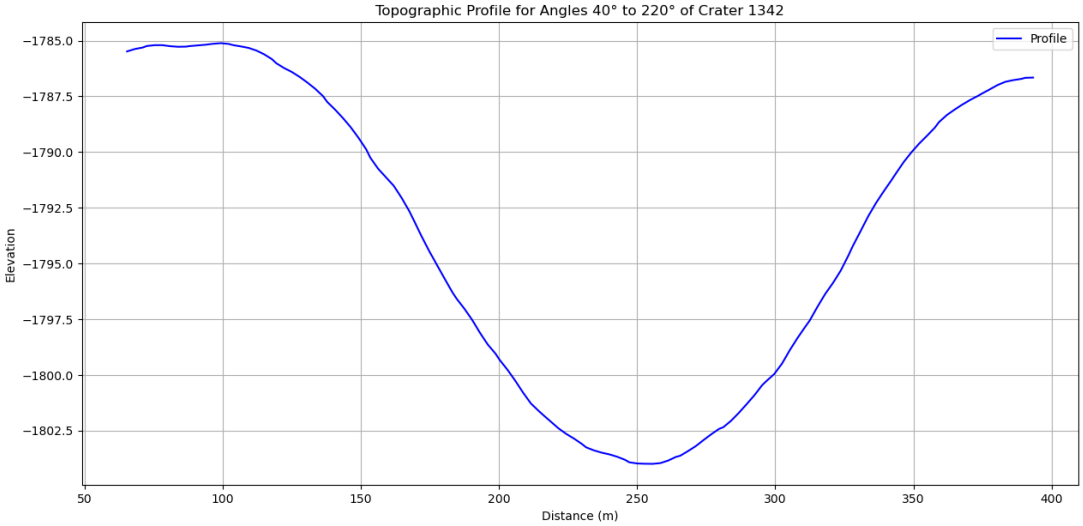
Topographic profiles

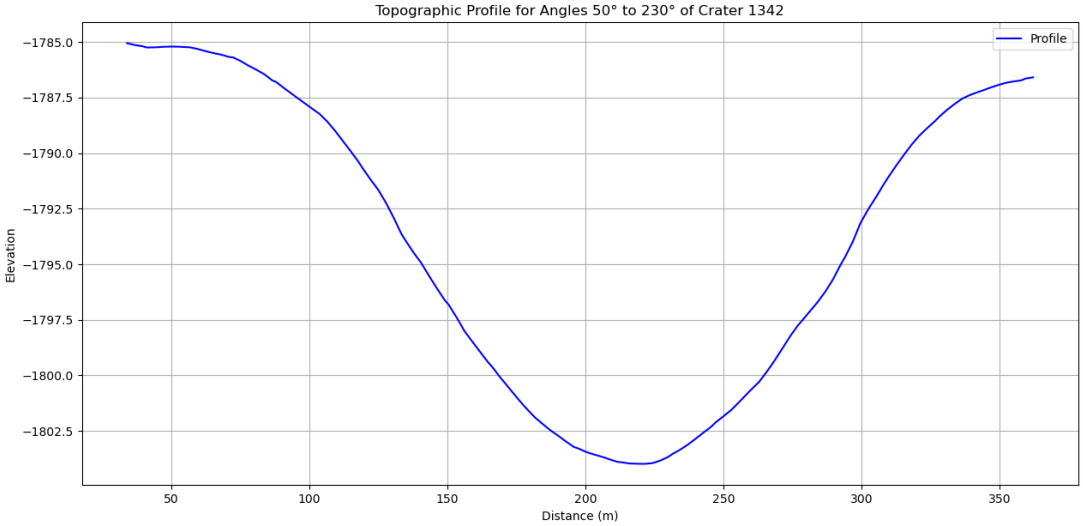


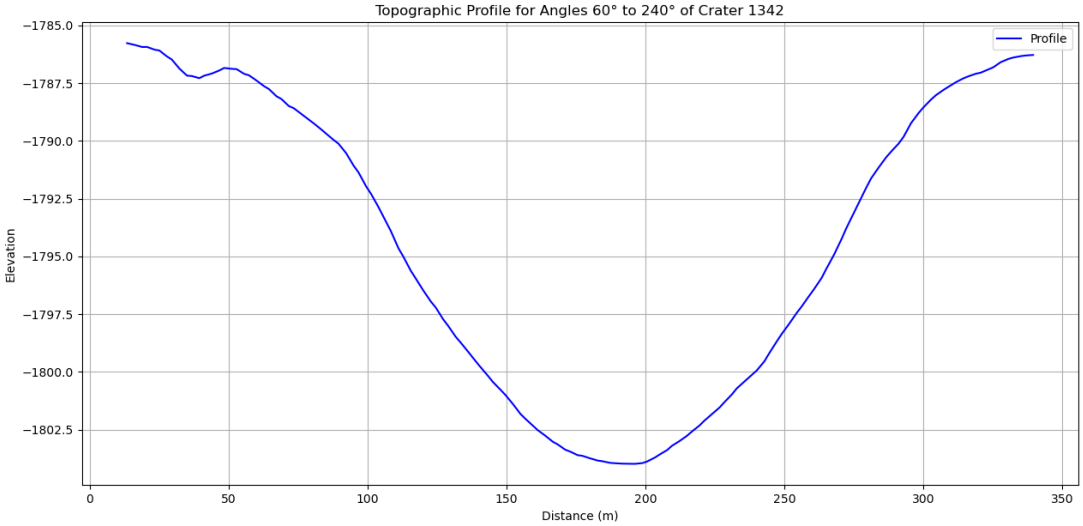

Topographic Profile for Angles 10° to 190° of Crater 1342
Profile
Elevation
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
−1802.5
0
50
100
150
200
250
300
Distance (m)

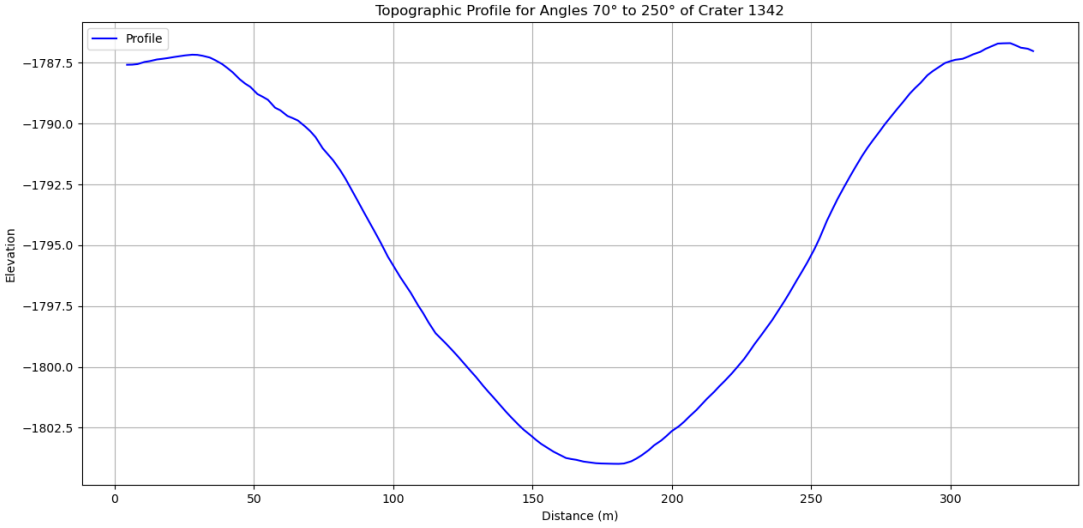

Topographic Profile for Angles 20° to 200° of Crater 1342
Profile
Elevation
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
−1802.5
0
50
100
150
200
250
300
350
Distance (m)

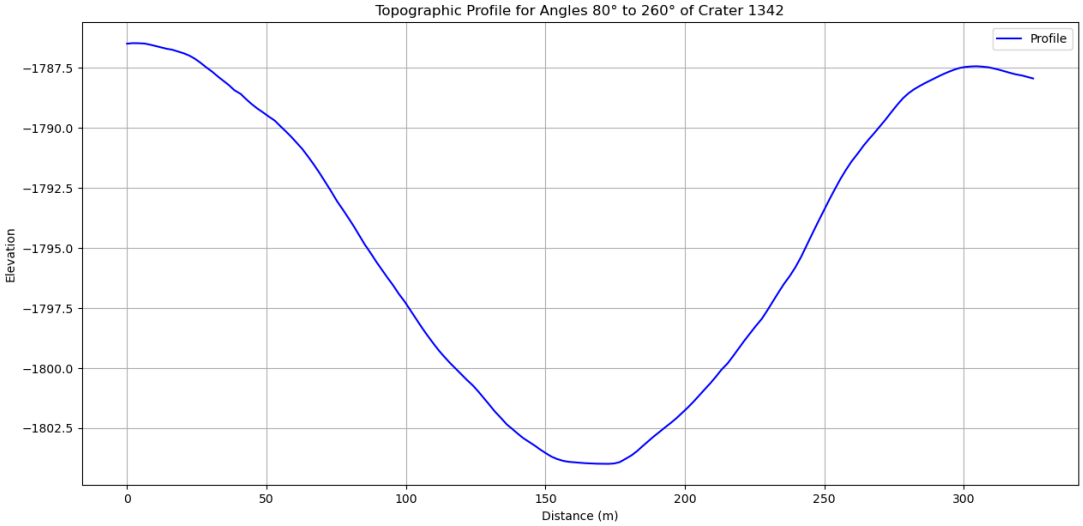

Topographic Profile for Angles 30° to 210° of Crater 1342
Profile
Elevation
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
−1802.5
50
100
150
200
250
300
350
Distance (m)

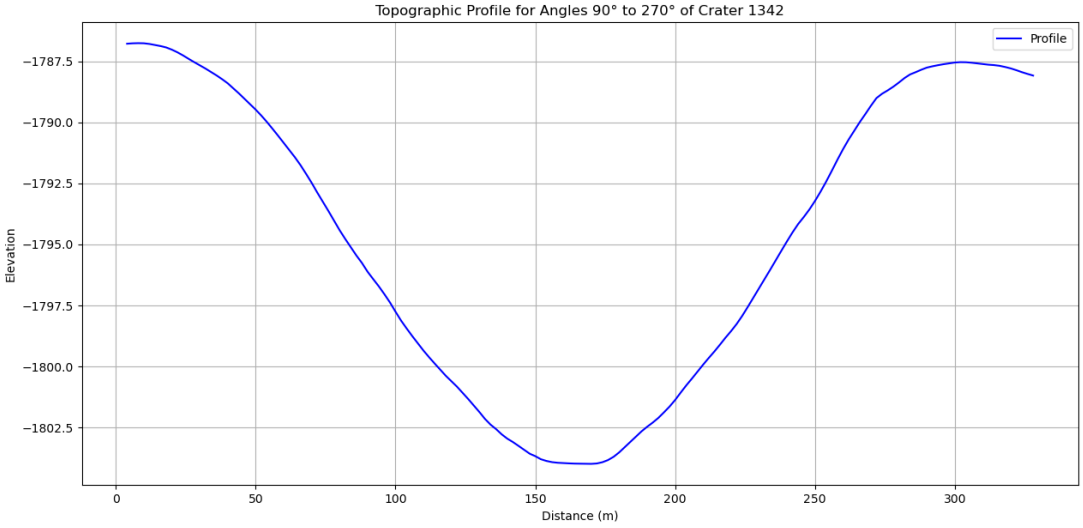

Topographic Profile for Angles 40° to 220° of Crater 1342
Profile
Elevation
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
−1802.5
50
100
150
200
250
300
350
400
Distance (m)

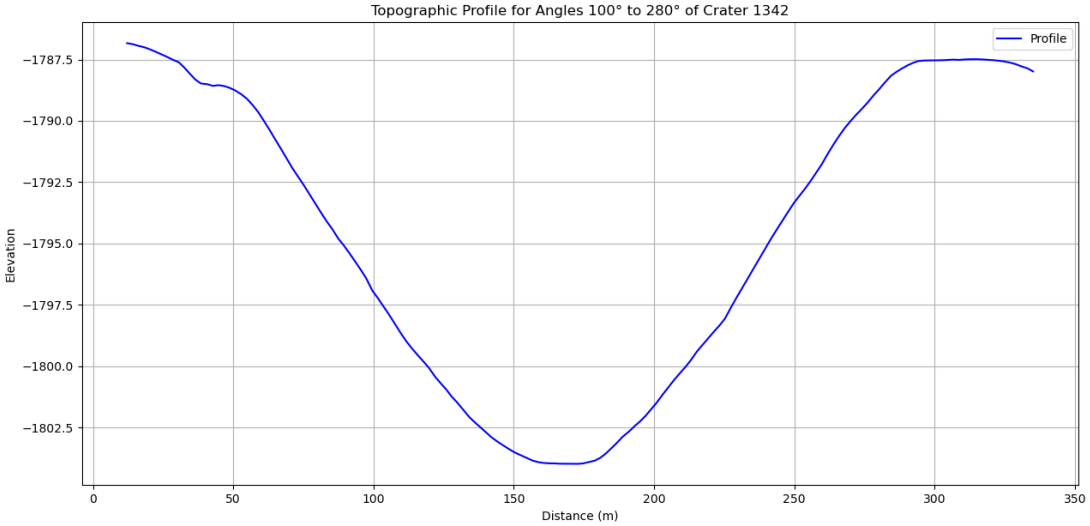

Topographic Profile for Angles 50° to 230° of Crater 1342
Profile
Elevation
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
−1802.5
50
100
150
200
250
300
350
Distance (m)

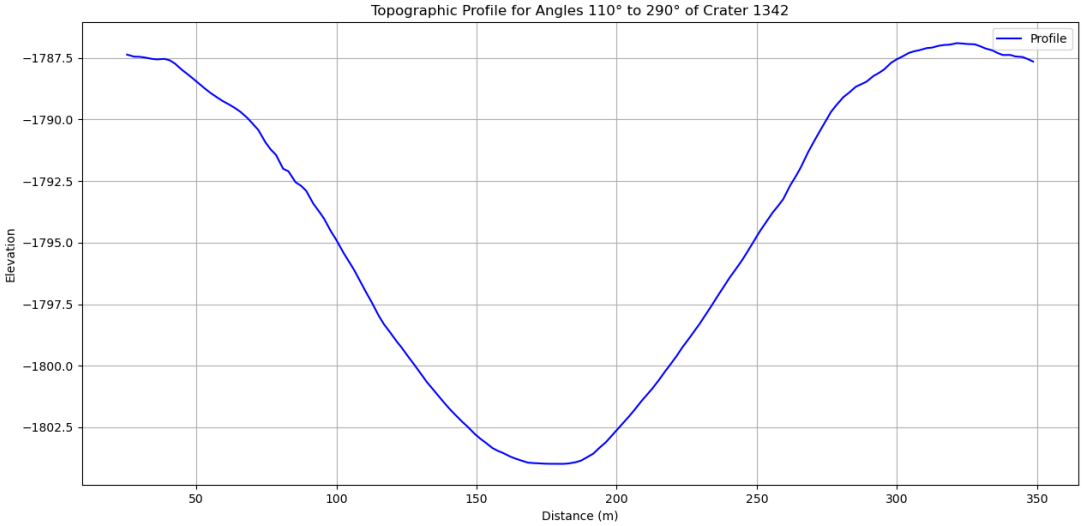

Topographic Profile for Angles 60° to 240° of Crater 1342
Profile
Elevation
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
−1802.5
0
50
100
150
200
250
300
350
Distance (m)

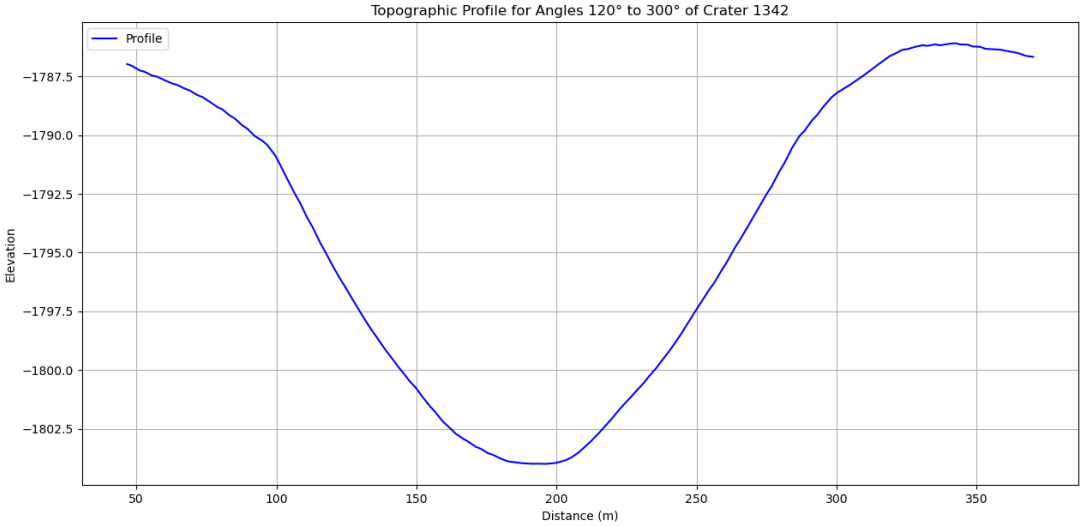

Topographic Profile for Angles 70° to 250° of Crater 1342
Profile
Elevation
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
−1802.5
0
50
100
150
200
250
300
Distance (m)

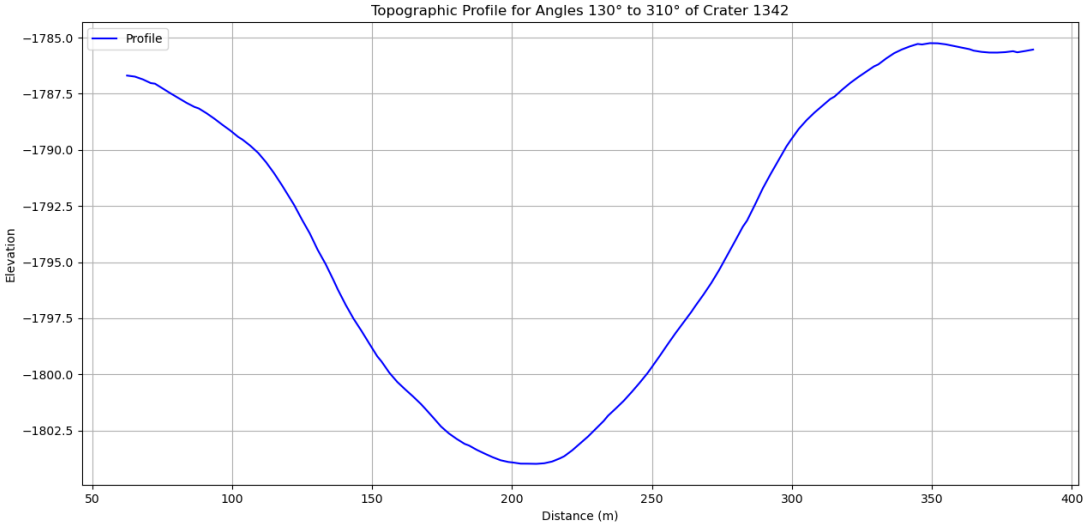

Topographic Profile for Angles 80° to 260° of Crater 1342
Profile
Elevation
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
−1802.5
0
50
100
150
200
250
300
Distance (m)

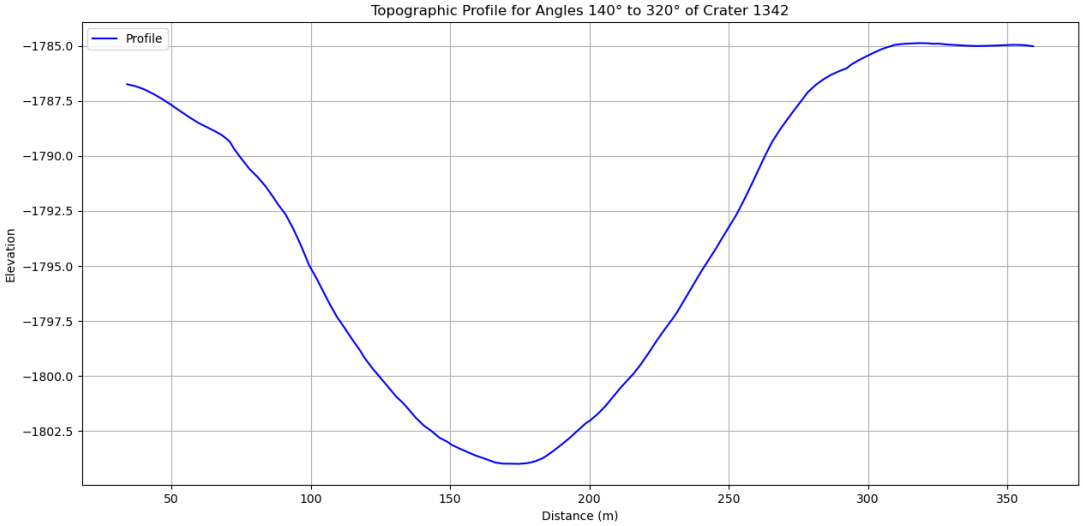

Topographic Profile for Angles 90° to 270° of Crater 1342
Profile
Elevation
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
−1802.5
0
50
100
150
200
250
300
Distance (m)

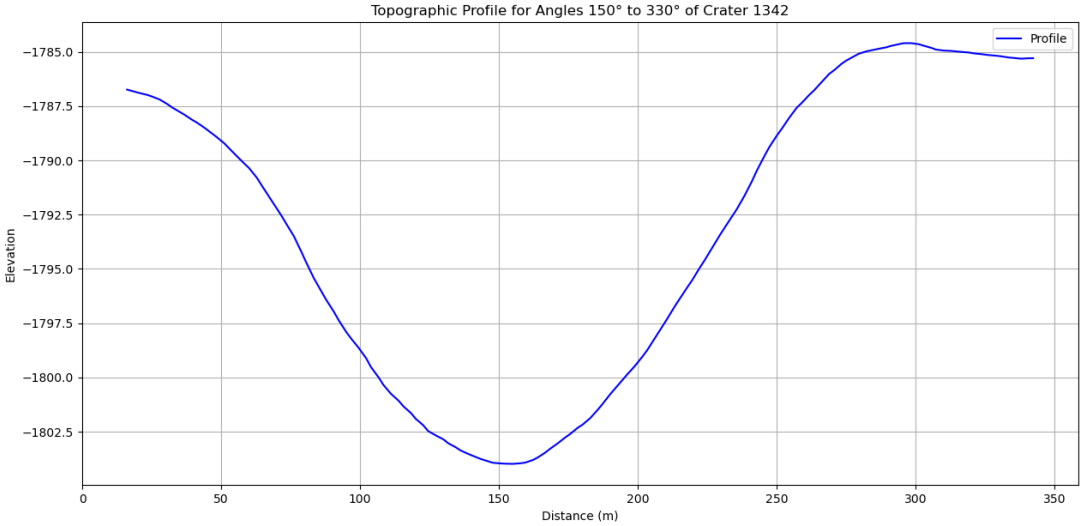

Topographic Profile for Angles 100° to 280° of Crater 1342
Profile
Elevation
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
−1802.5
0
50
100
150
200
250
300
350
Distance (m)

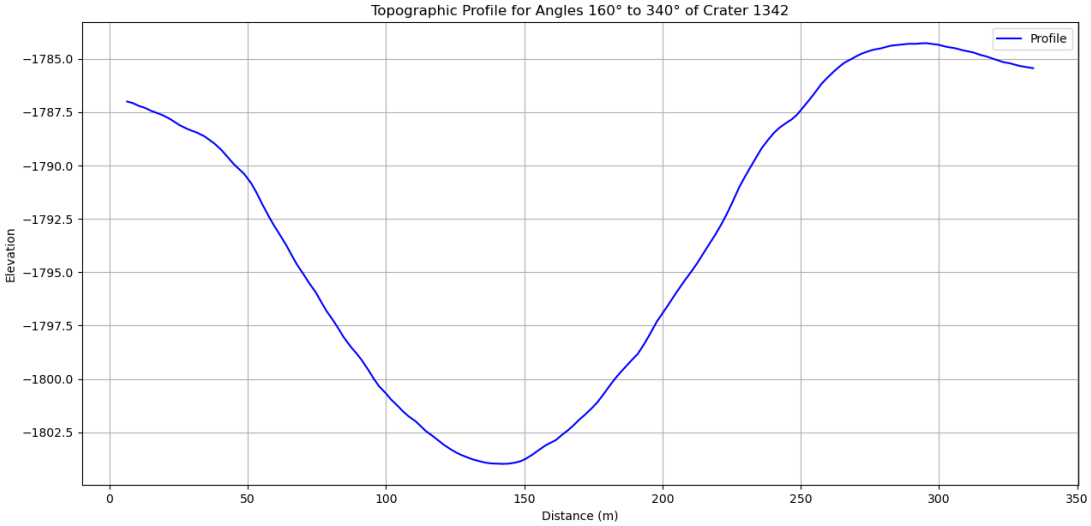

Topographic Profile for Angles 110° to 290° of Crater 1342
Profile
Elevation
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
−1802.5
50
100
150
200
250
300
350
Distance (m)

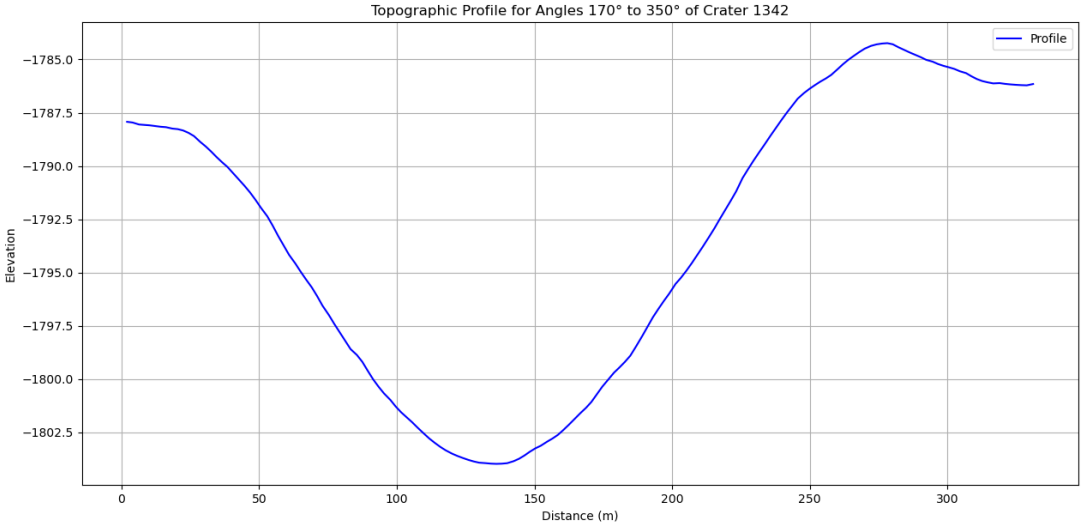

Topographic Profile for Angles 120° to 300° of Crater 1342
Profile
Elevation
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
−1802.5
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 1342
Profile
Elevation
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
−1802.5
50
100
150
200
250
300
350
400
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 1342
Profile
Elevation
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
−1802.5
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 1342
Profile
Elevation
Distance (m)
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
−1802.5
0
50
100
150
200
250
300
350


Topographic Profile for Angles 160° to 340° of Crater 1342
Profile
Elevation
Distance (m)
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
−1802.5
0
50
100
150
200
250
300
350


Topographic Profile for Angles 170° to 350° of Crater 1342
Profile
Elevation
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−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
−1802.5
0
50
100
150
200
250
300
Distance (m)