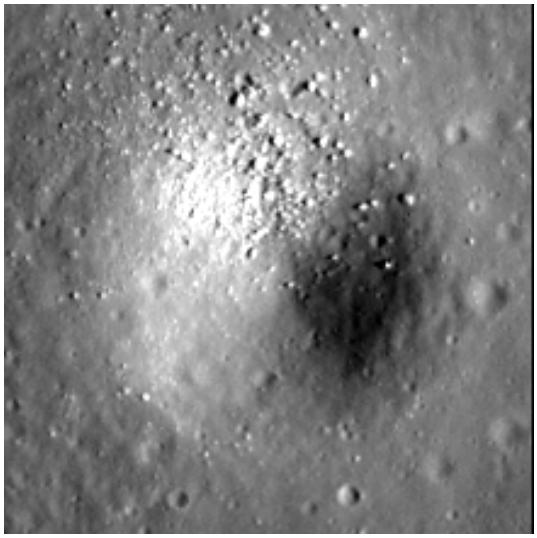
Crater report 374 of RG2

General information



ID : 374

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : B - BC

Mean Diameter : 91m ± 3.0m

Mean depht : 9.2m ± 0.2m

d/D ratio : 0.1 ± 0.004

Circularity index : 0.97

Slope : Between 11.31° et 18.26°

Mean value of TRI on the rim crest : 0.66

Geometric center coordinates : (3658882.3746621683, 233175.55143843783)

Coordinates of the crater's lowest point : (3658885.000001101, 233177.00000006883)

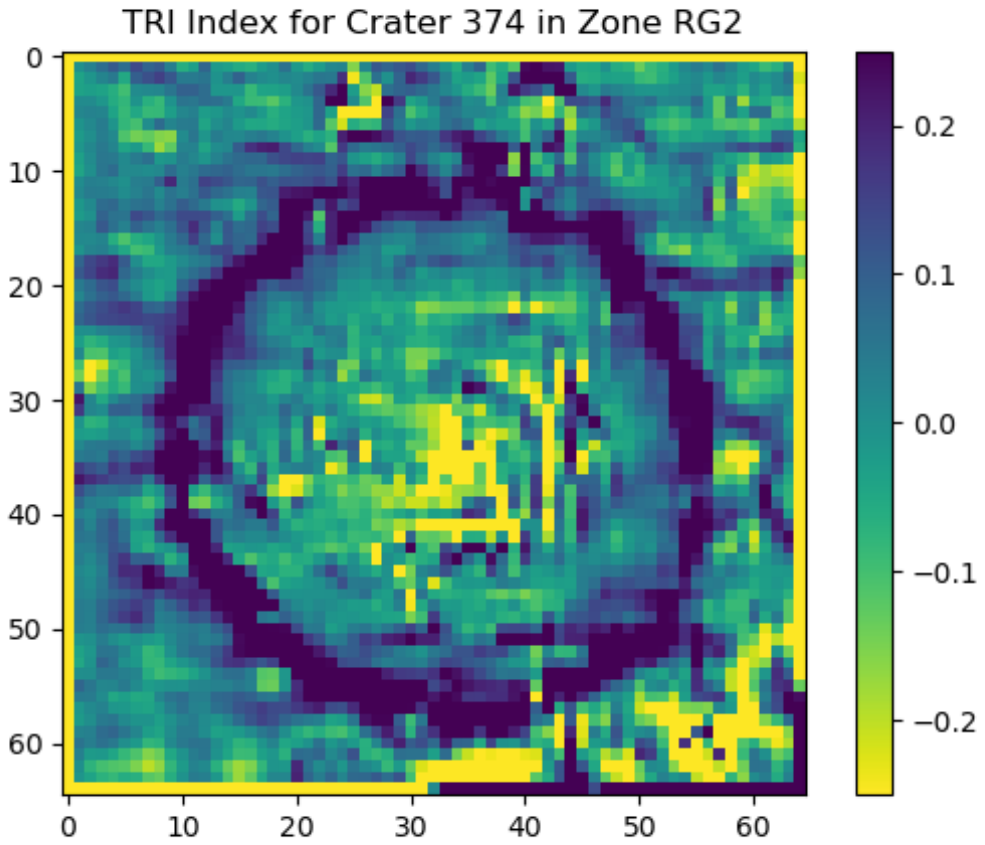
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	13.21	0.57
10°	11.88	0.54
20°	11.31	0.51
30°	11.31	0.49
40°	11.47	0.42
50°	11.57	0.45
60°	12.15	0.48
70°	13.24	0.5
80°	13.8	0.55
90°	14.84	0.56
100°	15.09	0.55
110°	15.71	0.5

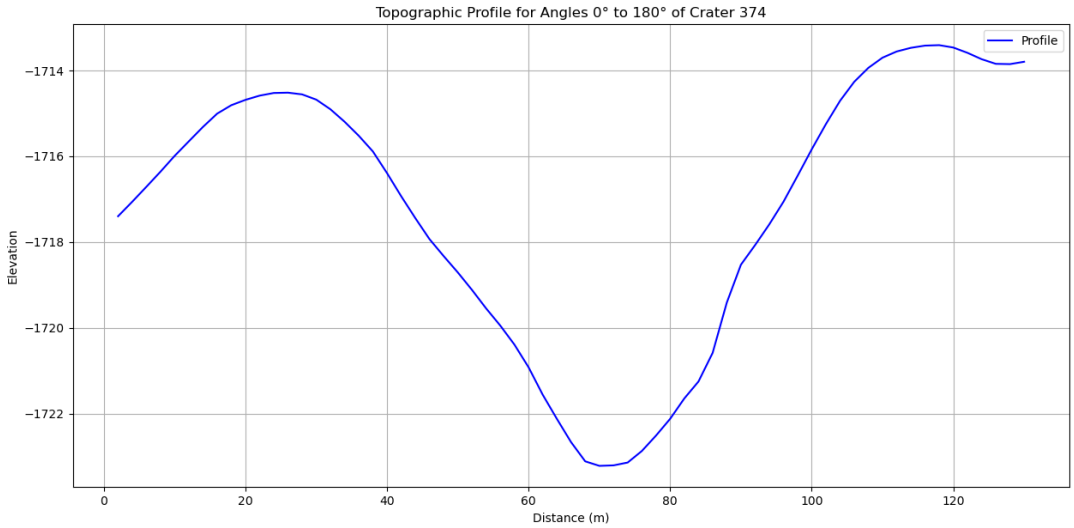
120°	16.39	0.47
130°	15.91	0.42
140°	16.93	0.42
150°	16.16	0.46
160°	16.37	0.49
170°	17.03	0.52
180°	18.26	0.56
190°	17.85	0.53
200°	16.9	0.51
210°	15.7	0.46
220°	16.08	0.42
230°	15.12	0.42
240°	13.5	0.47
250°	13.68	0.5
260°	13.65	0.54
270°	13.85	0.56
280°	13.22	0.54
290°	13.16	0.51
300°	13.69	0.48
310°	13.95	0.42
320°	13.73	0.42
330°	12.87	0.48
340°	12.7	0.5
350°	13.04	0.54

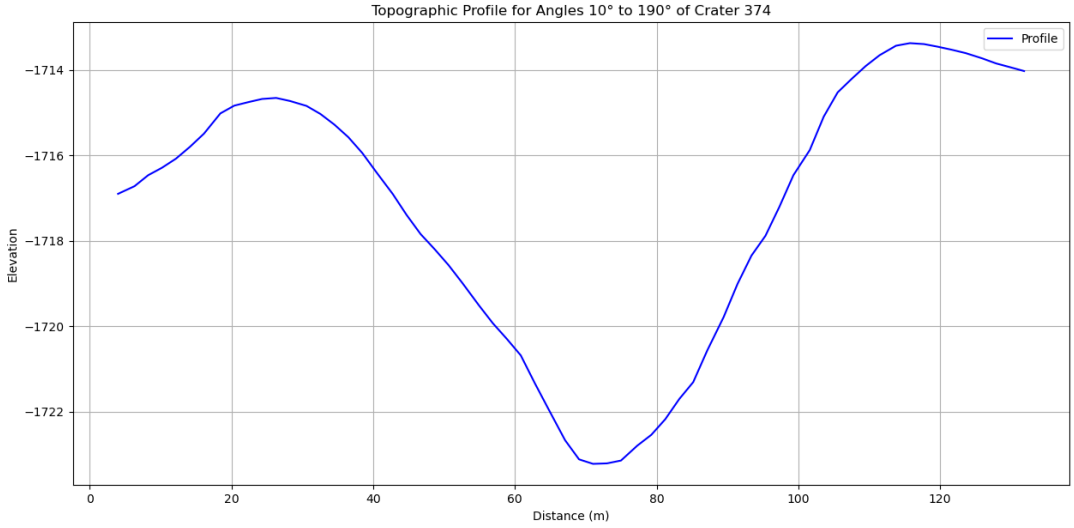
Topographic roughness index (TRI)

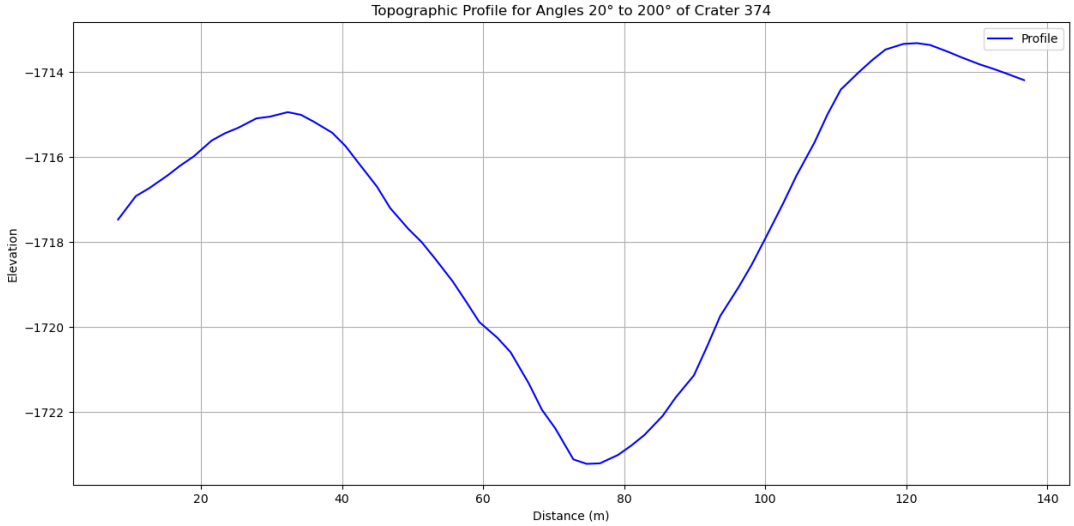
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

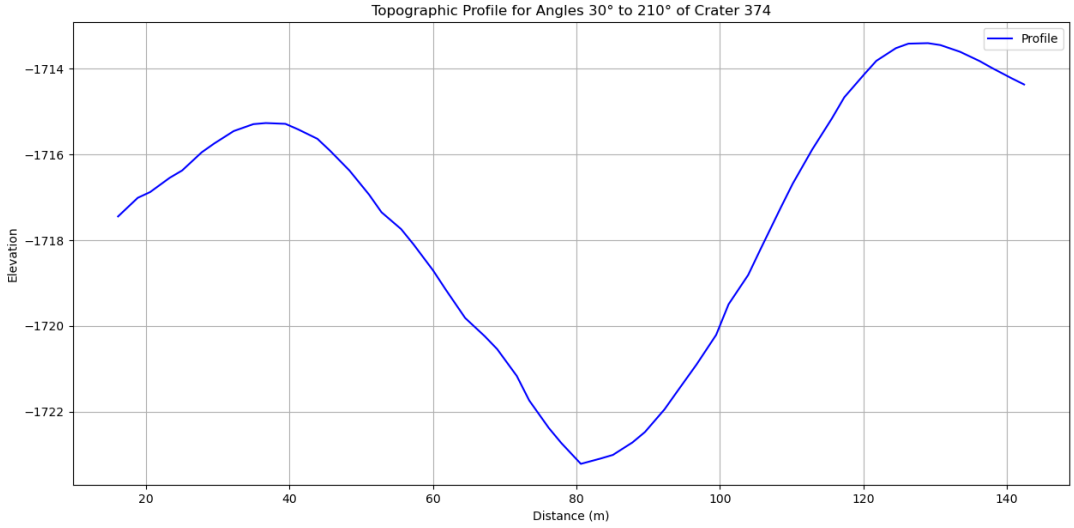


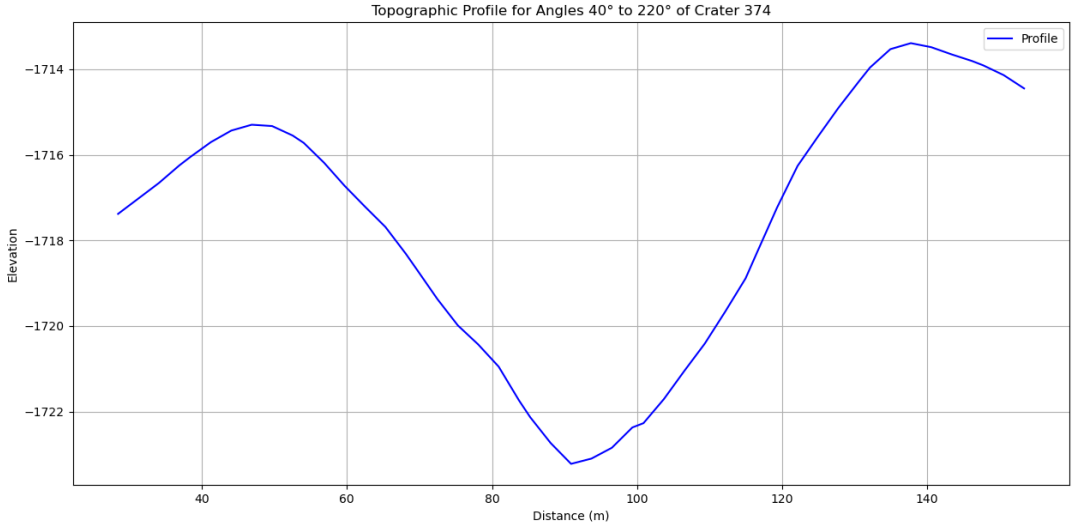
Topographic profiles

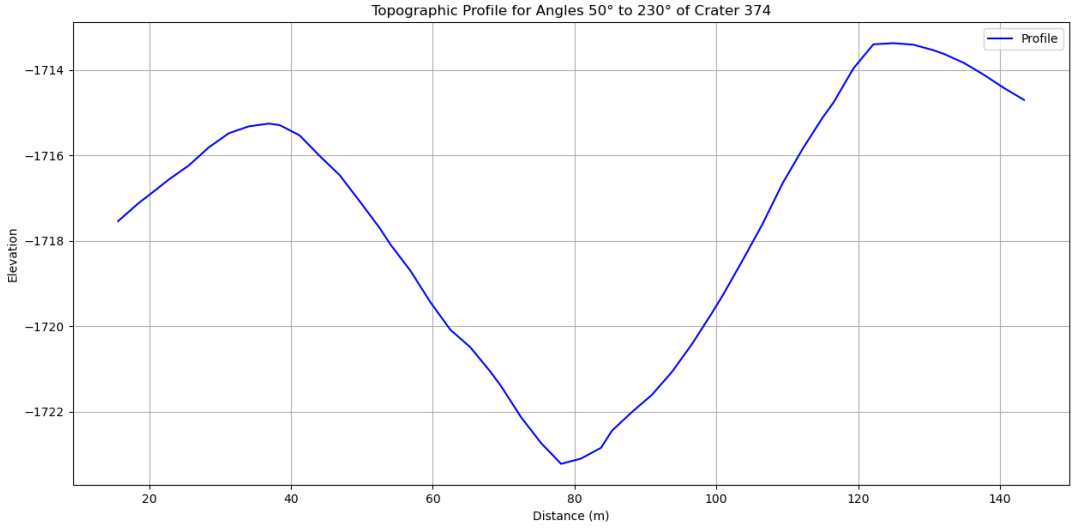


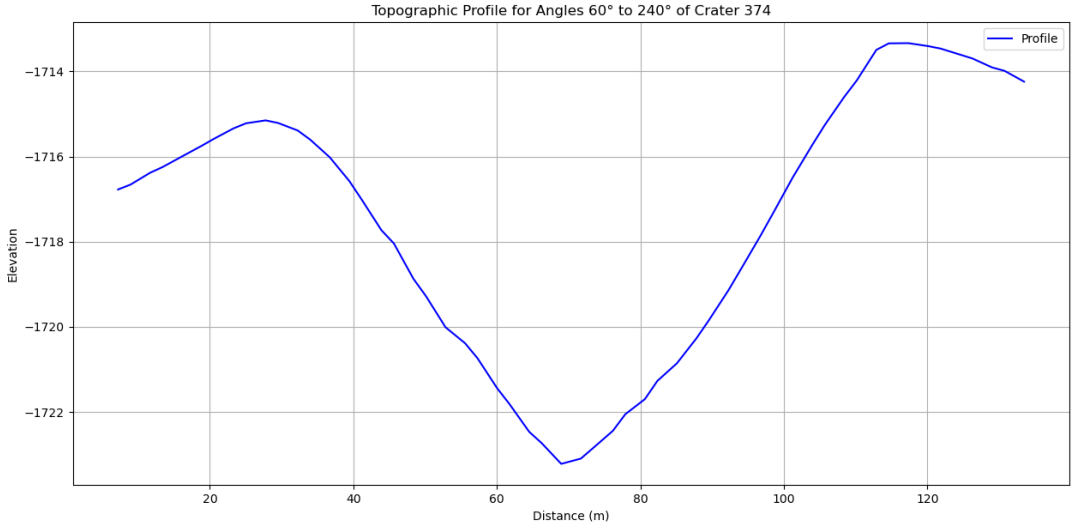

Topographic Profile for Angles 10° to 190° of Crater 374
Profile
Elevation
−1714
−1716
−1718
−1720
−1722
0
20
40
60
80
100
120
Distance (m)

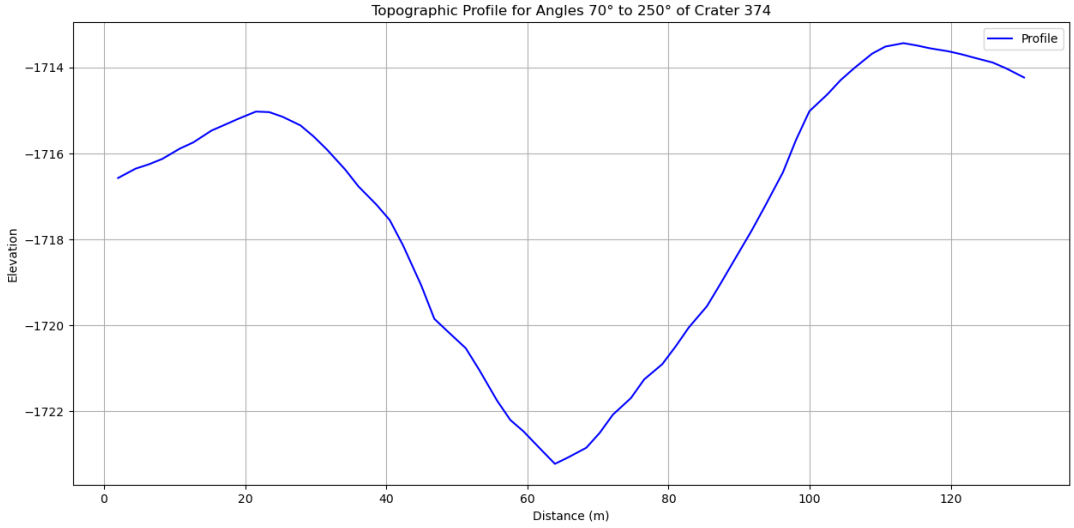

Topographic Profile for Angles 20° to 200° of Crater 374
Profile
Elevation
−1714
−1716
−1718
−1720
−1722
20
40
60
80
100
120
140
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 374
Profile
Elevation
−1714
−1716
−1718
−1720
−1722
20
40
60
80
100
120
140
Distance (m)


Topographic Profile for Angles 40° to 220° of Crater 374
Profile
Elevation
−1714
−1716
−1718
−1720
−1722
40
60
80
100
120
140
Distance (m)


Topographic Profile for Angles 50° to 230° of Crater 374
Profile
Elevation
Distance (m)
−1714
−1716
−1718
−1720
−1722
20
40
60
80
100
120
140


Topographic Profile for Angles 60° to 240° of Crater 374
Profile
Elevation
Distance (m)
−1714
−1716
−1718
−1720
−1722
20
40
60
80
100
120


Topographic Profile for Angles 70° to 250° of Crater 374
Profile
Elevation
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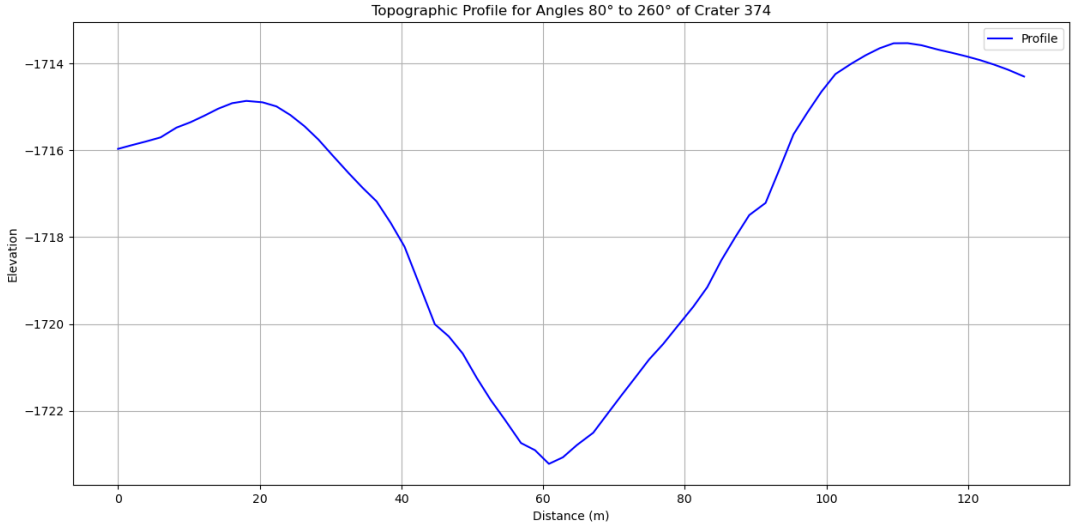
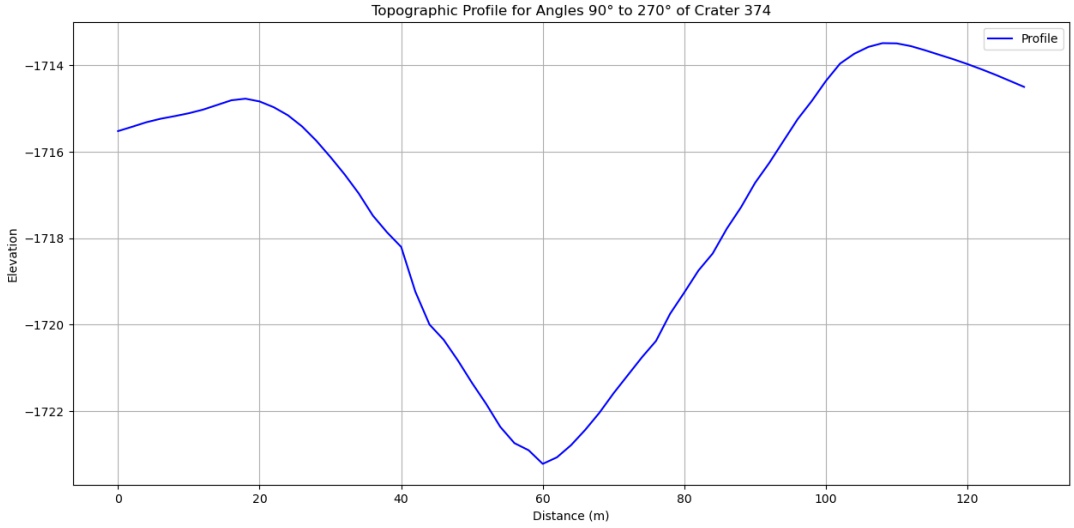
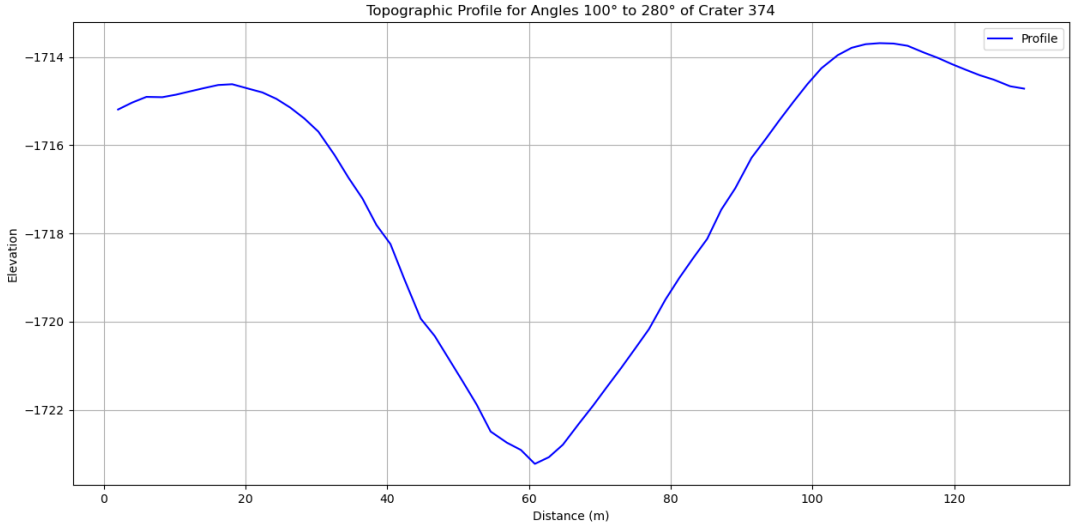
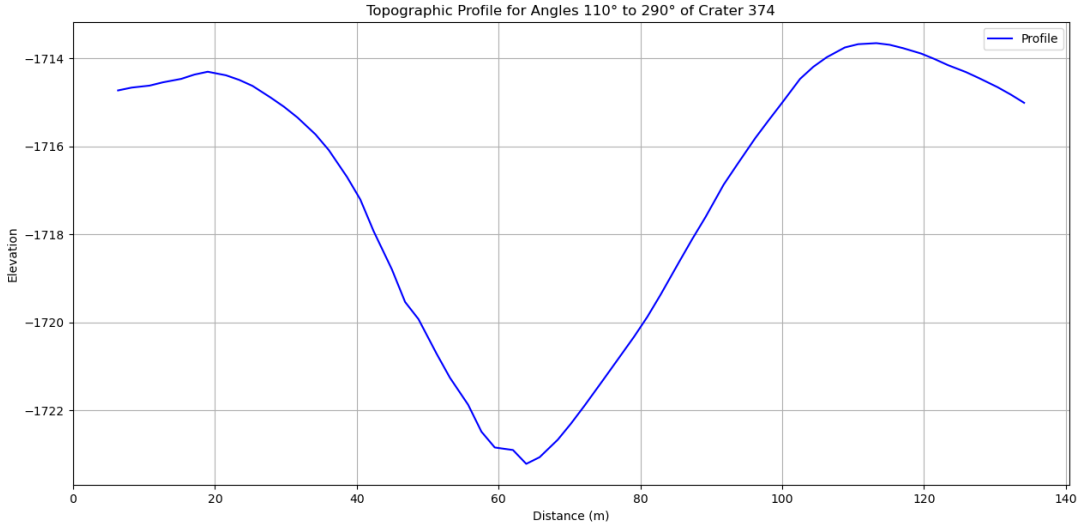
−1716
−1718
−1720
−1722
0
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 374
Profile
Elevation
−1714
−1716
−1718
−1720
−1722
0
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 374
Profile
Elevation
−1714
−1716
−1718
−1720
−1722
0
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 374
Profile
Elevation
−1714
−1716
−1718
−1720
−1722
0
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 374
Profile
Elevation
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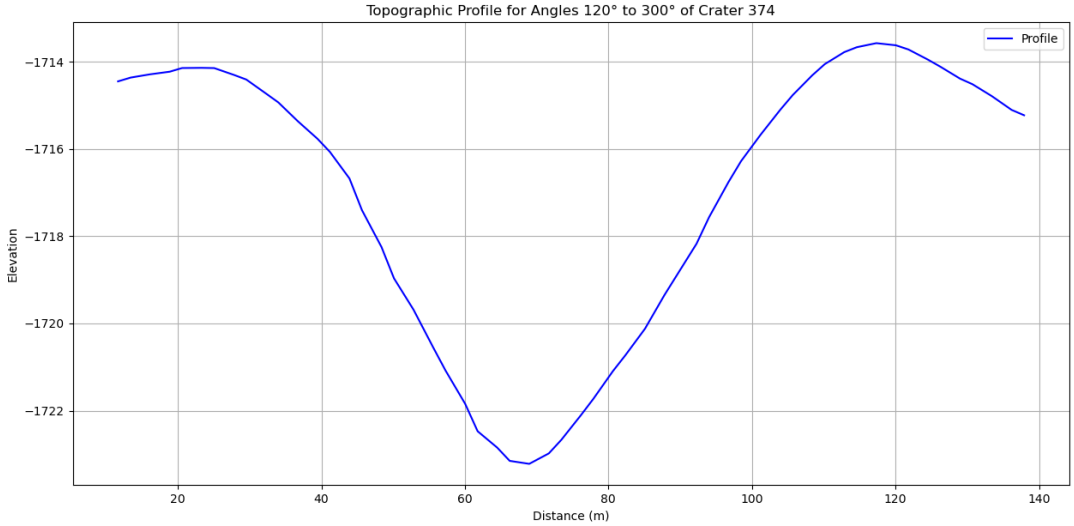
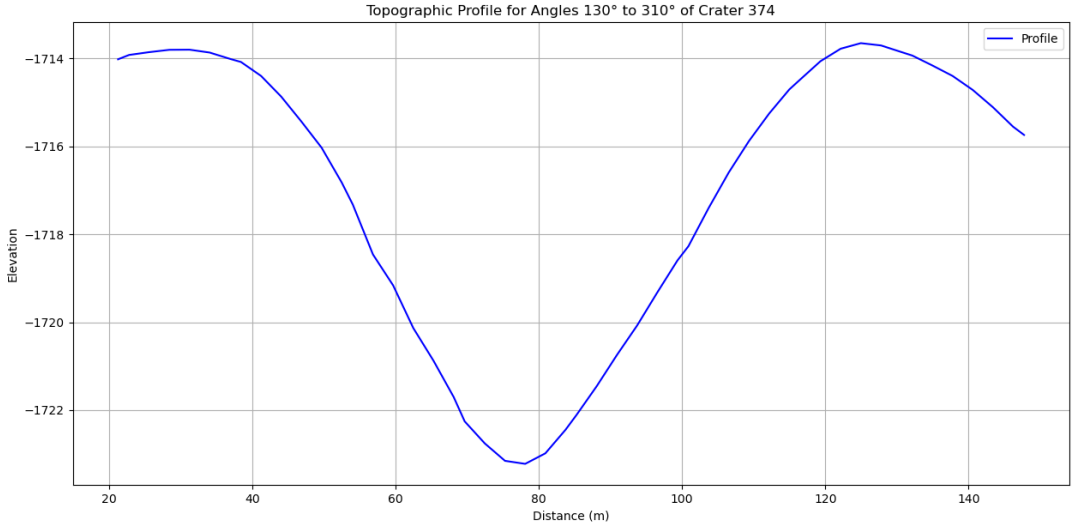
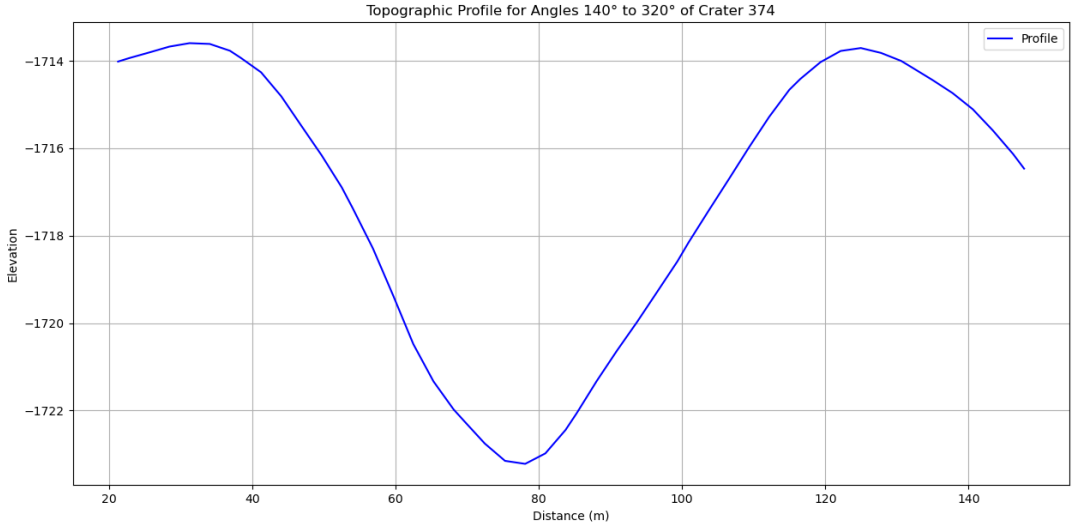
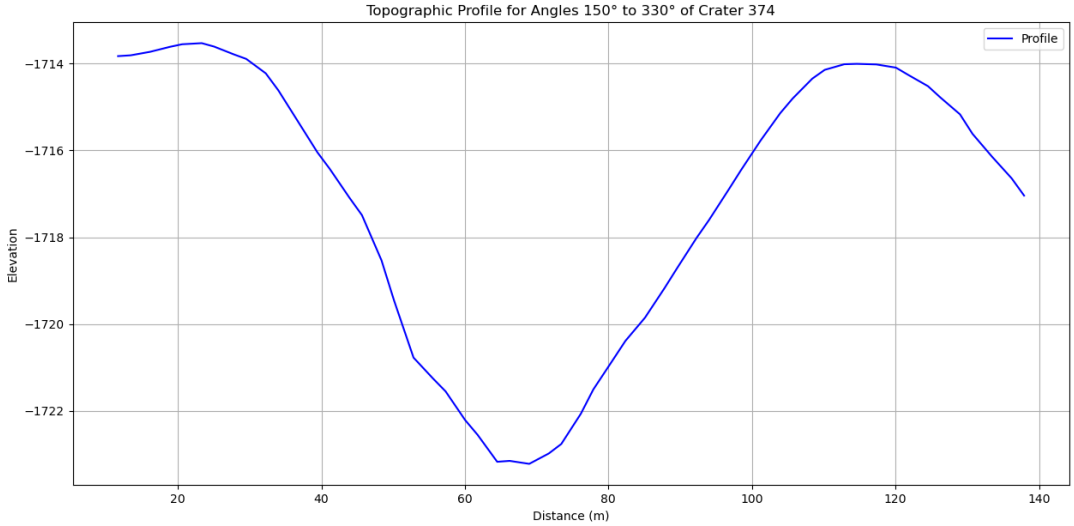
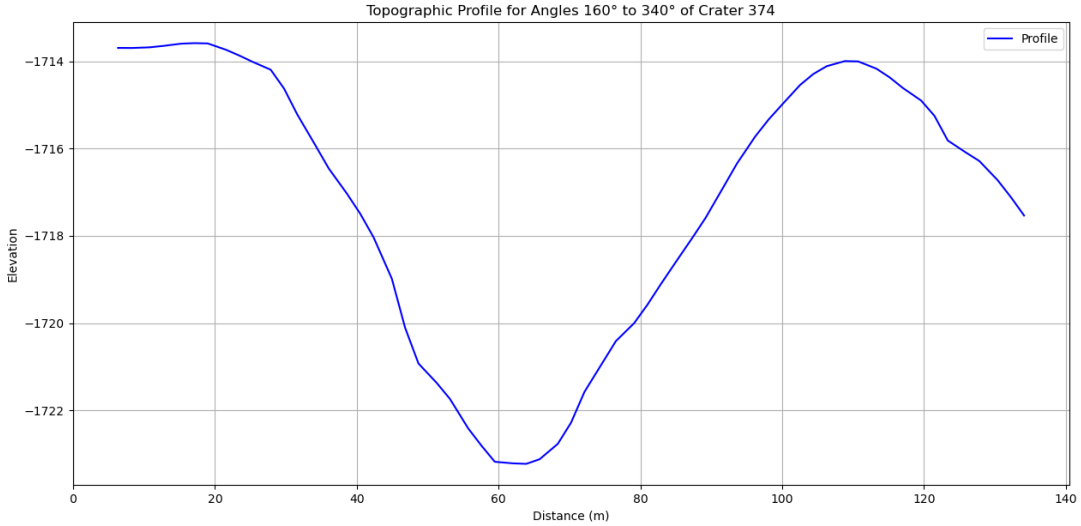
−1716
−1718
−1720
−1722
0
20
40
60
80
100
120
140
Distance (m)

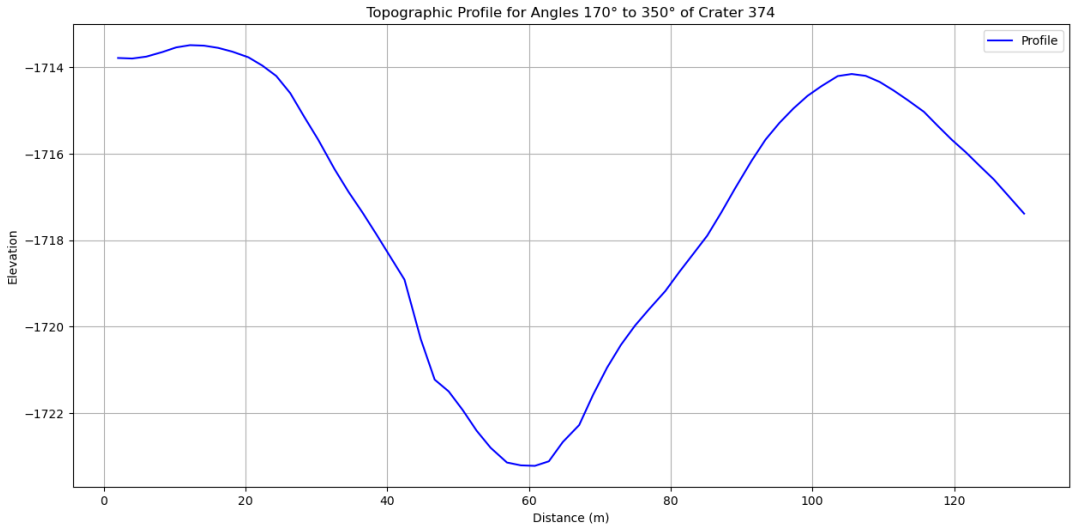

Topographic Profile for Angles 120° to 300° of Crater 374
Profile
Elevation
−1714
−1716
−1718
−1720
−1722
20
40
60
80
100
120
140
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 374
Profile
Elevation
−1714
−1716
−1718
−1720
−1722
20
40
60
80
100
120
140
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 374
Profile
Elevation
−1714
−1716
−1718
−1720
−1722
20
40
60
80
100
120
140
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 374
Profile
Elevation
−1714
−1716
−1718
−1720
−1722
20
40
60
80
100
120
140
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 374
Profile
Elevation
−1714
−1716
−1718
−1720
−1722
0
20
40
60
80
100
120
140
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 374
Profile
Elevation
−1714
−1716
−1718
−1720
−1722
0
20
40
60
80
100
120
Distance (m)