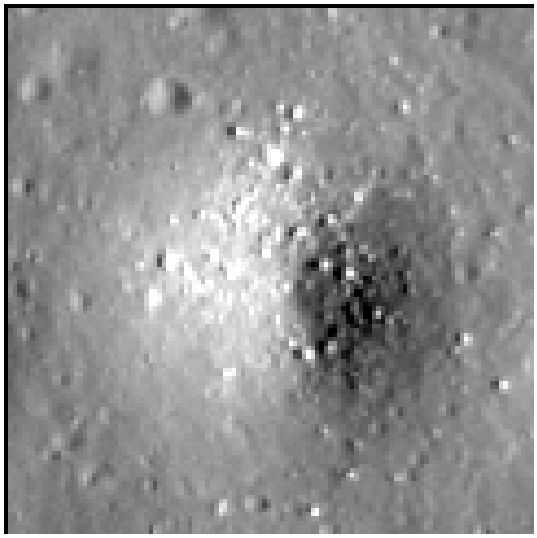
Crater report 472 of RG2

General information



ID : 472

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC

Mean Diameter : 55m ± 3.0m

Mean depht : 4.9m ± 0.2m

d/D ratio : 0.088 ± 0.007

Circularity index : 0.93

Slope : Between 9.27° et 13.68°

Mean value of TRI on the rim crest : 0.43

Geometric center coordinates : (3656544.2859561713, 231101.73857405034)

Coordinates of the crater's lowest point : (3656543.0000011004, 231103.00000006822)

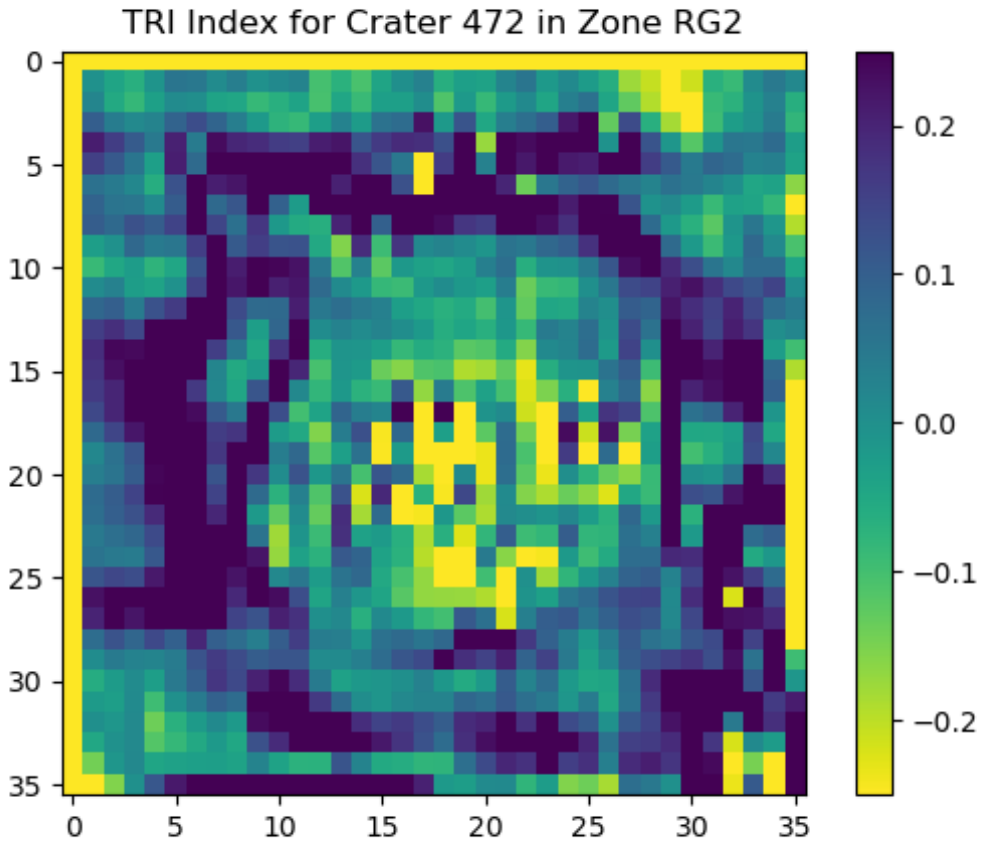
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	10.55	0.57
10°	9.82	0.53
20°	9.48	0.5
30°	9.27	0.48
40°	10.07	0.43
50°	10.69	0.43
60°	10.25	0.46
70°	11.19	0.53
80°	11.33	0.52
90°	12.11	0.57
100°	11.53	0.53
110°	11.79	0.53

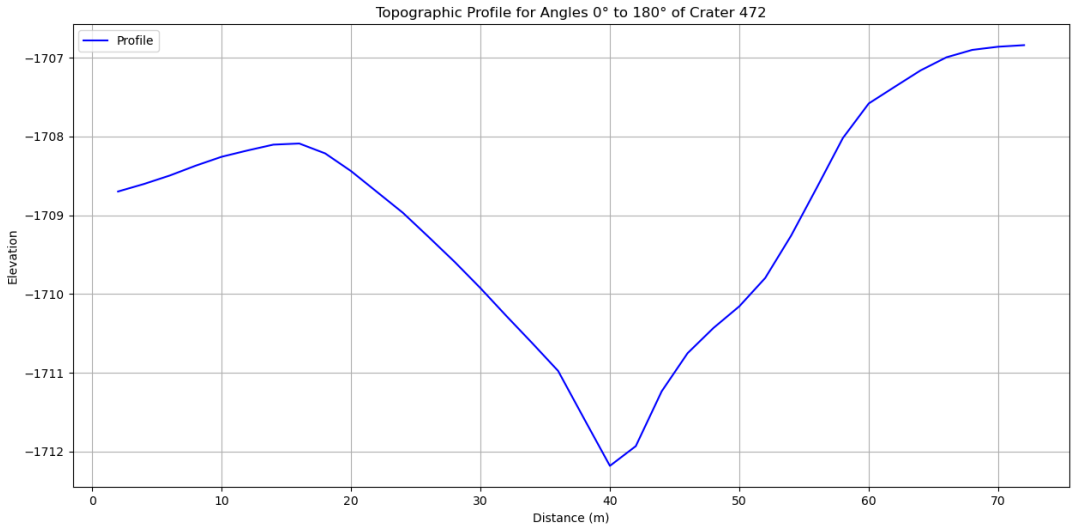
120°	11.88	0.48
130°	12.5	0.43
140°	12.14	0.43
150°	11.38	0.48
160°	12.17	0.52
170°	12.5	0.52
180°	12.88	0.56
190°	11.41	0.53
200°	10.87	0.53
210°	11.08	0.46
220°	11.74	0.43
230°	12.46	0.44
240°	11.82	0.49
250°	11.59	0.51
260°	12.86	0.54
270°	13.68	0.57
280°	12.36	0.54
290°	11.81	0.5
300°	11.55	0.49
310°	13.33	0.44
320°	12.73	0.44
330°	11.16	0.45
340°	9.9	0.5
350°	10.04	0.53

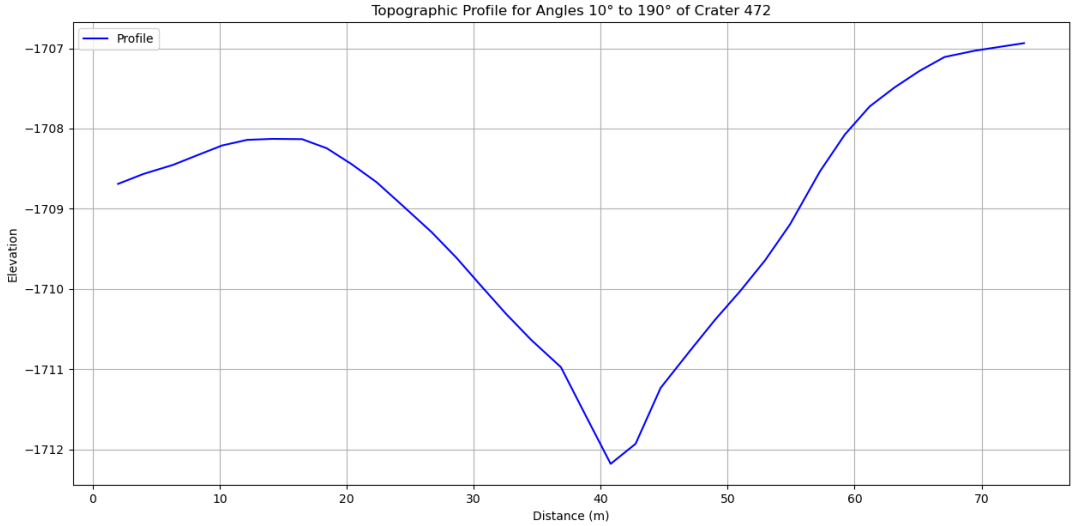
Topographic roughness index (TRI)

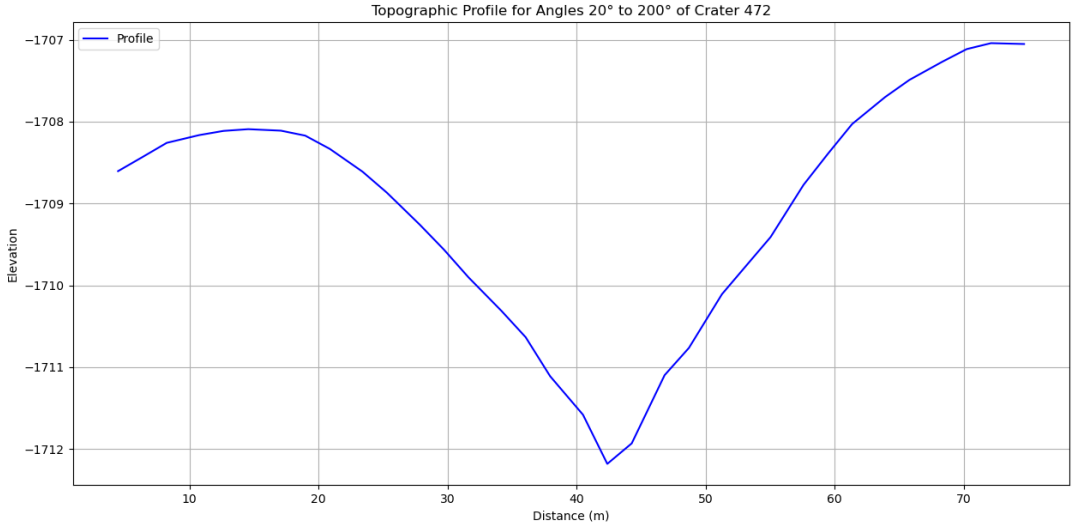
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

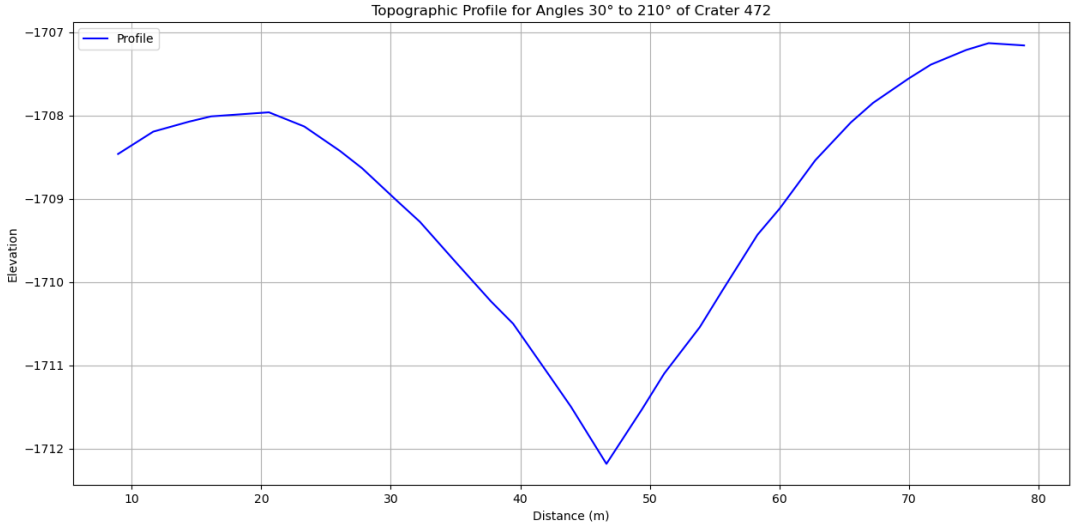


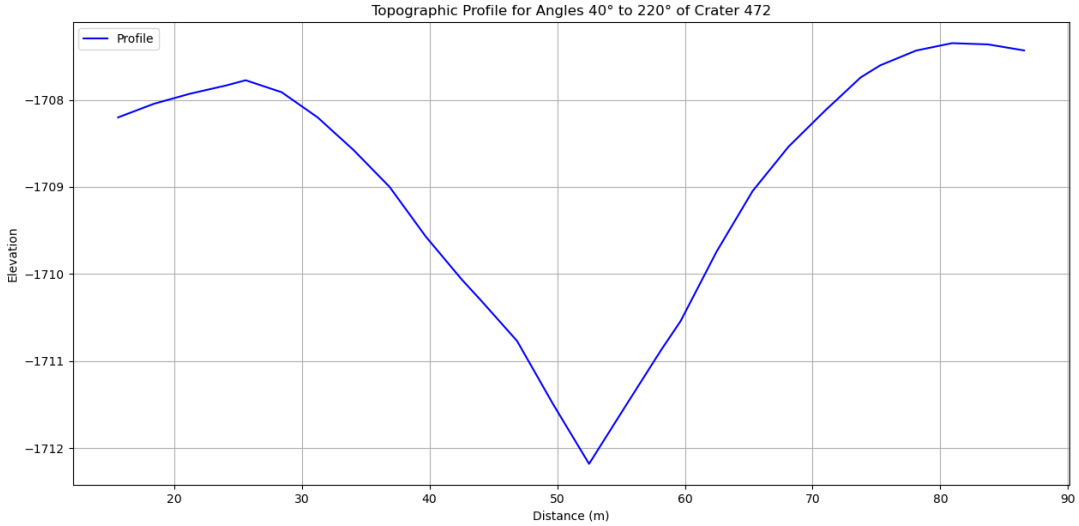
Topographic profiles

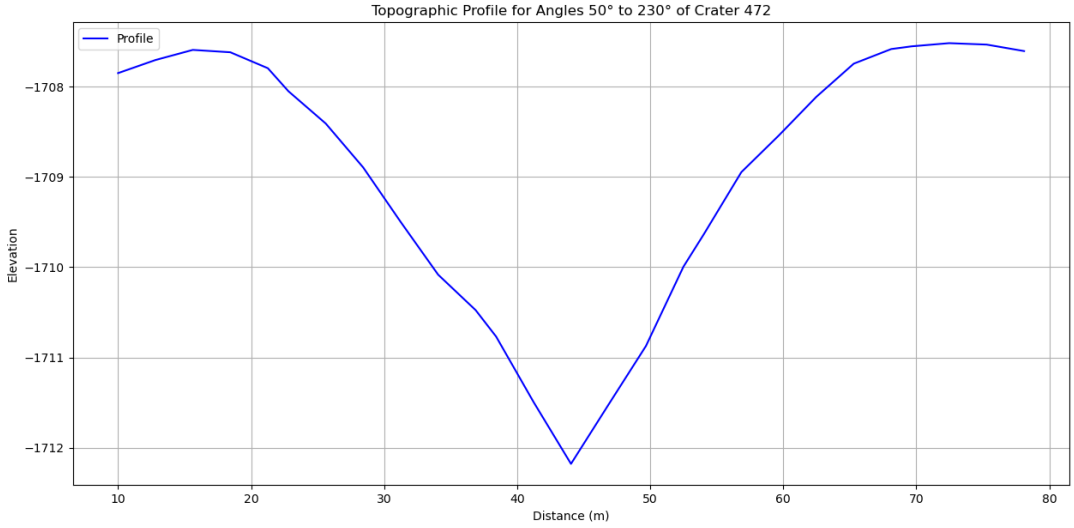


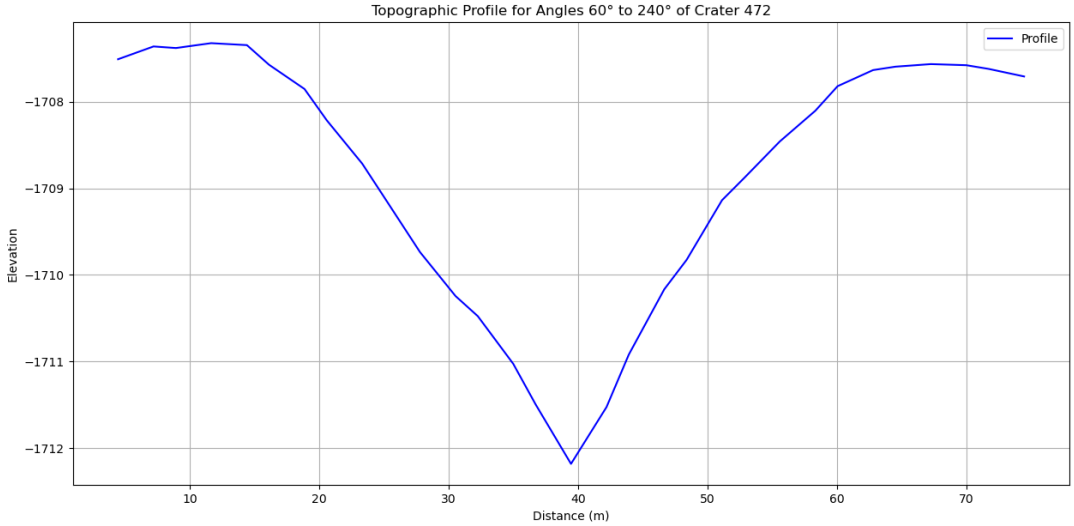

Topographic Profile for Angles 10° to 190° of Crater 472
Profile
Elevation
Distance (m)
−1707
−1708
−1709
−1710
−1711
−1712
0
10
20
30
40
50
60
70

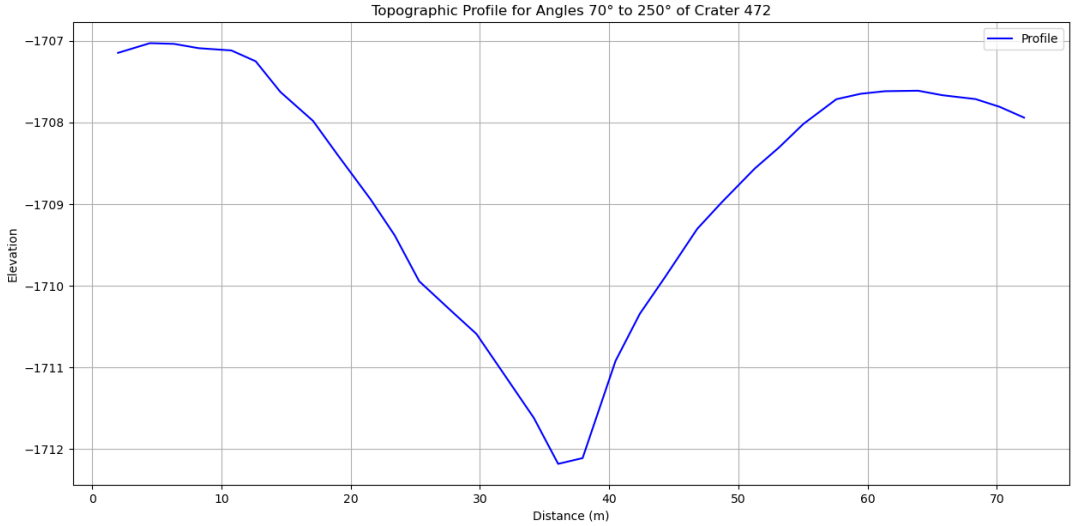

Topographic Profile for Angles 20° to 200° of Crater 472
Profile
Elevation
Distance (m)
−1707
−1708
−1709
−1710
−1711
−1712
10
20
30
40
50
60
70

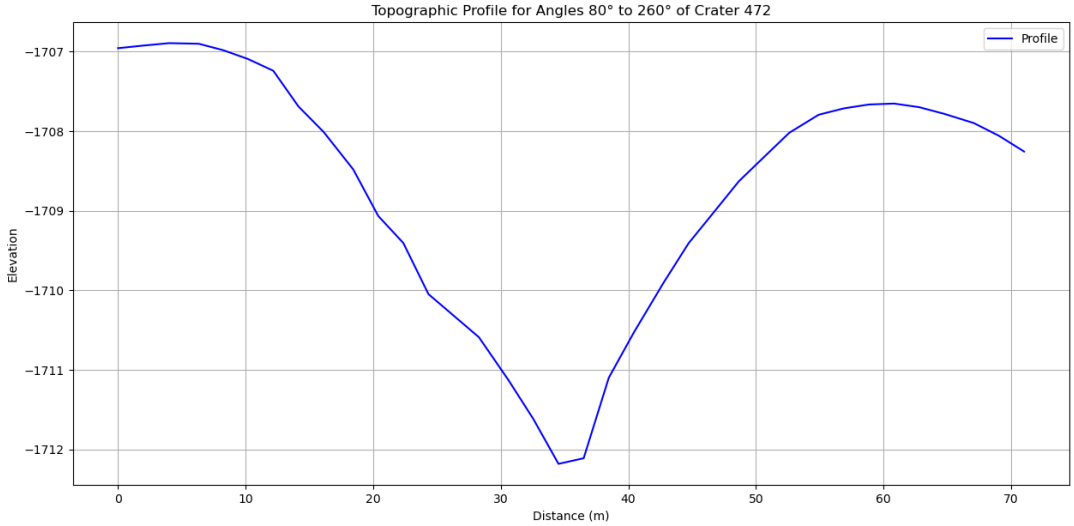

Topographic Profile for Angles 30° to 210° of Crater 472
Profile
Elevation
Distance (m)
−1707
−1708
−1709
−1710
−1711
−1712
10
20
30
40
50
60
70
80

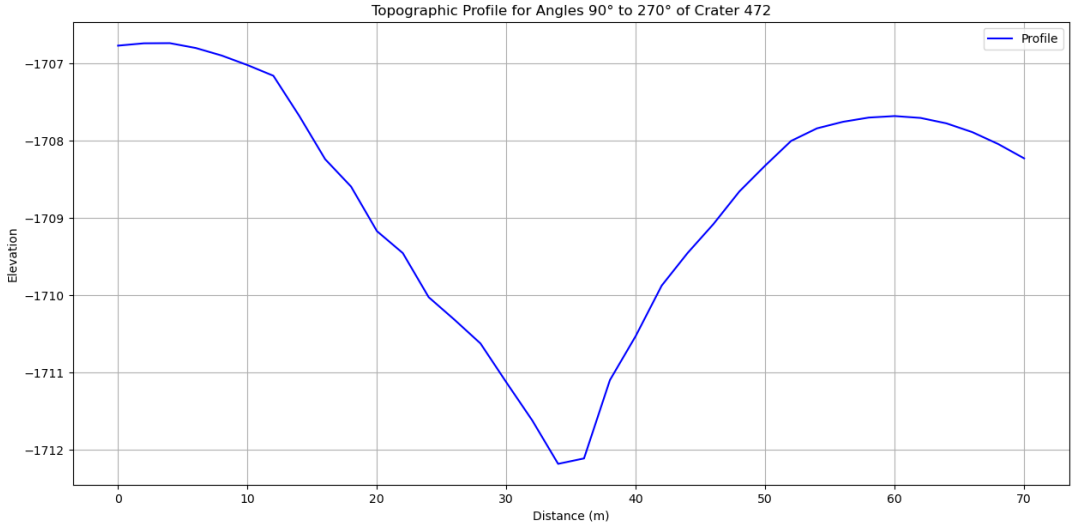

Topographic Profile for Angles 40° to 220° of Crater 472
Profile
Elevation
Distance (m)
−1708
−1709
−1710
−1711
−1712
20
30
40
50
60
70
80
90

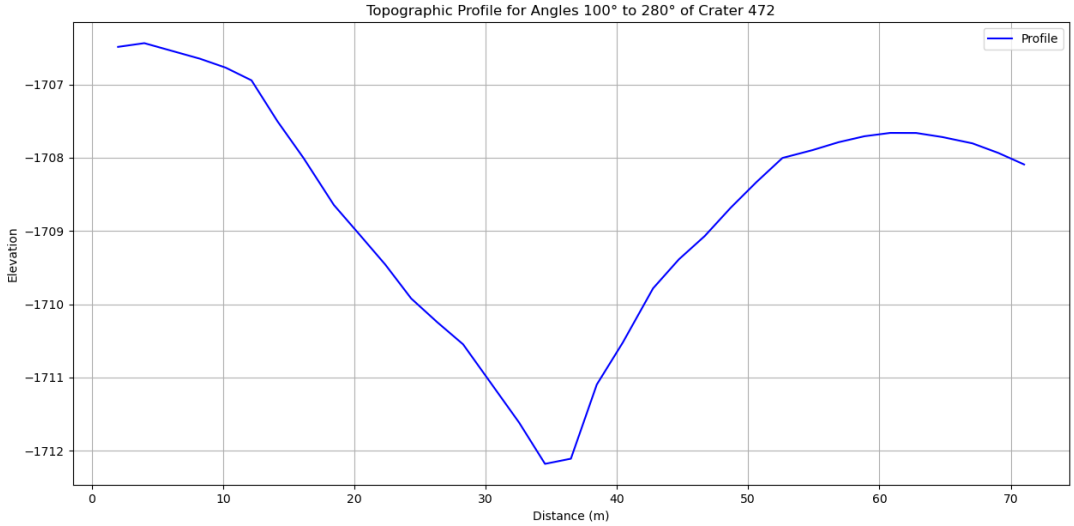

Topographic Profile for Angles 50° to 230° of Crater 472
Profile
Elevation
−1708
−1709
−1710
−1711
−1712
10
20
30
40
50
60
70
80
Distance (m)

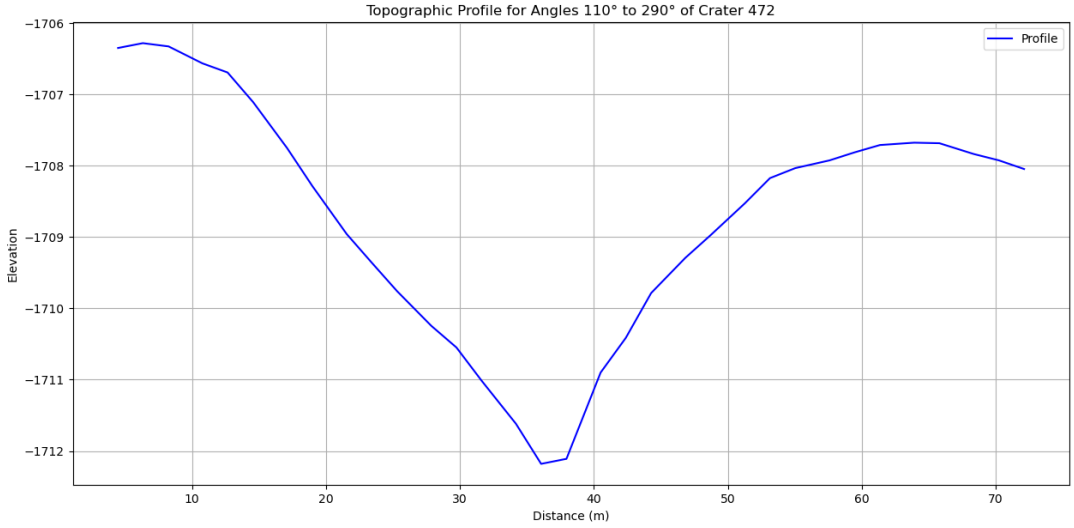

Topographic Profile for Angles 60° to 240° of Crater 472
Profile
Elevation
−1708
−1709
−1710
−1711
−1712
10
20
30
40
50
60
70
Distance (m)

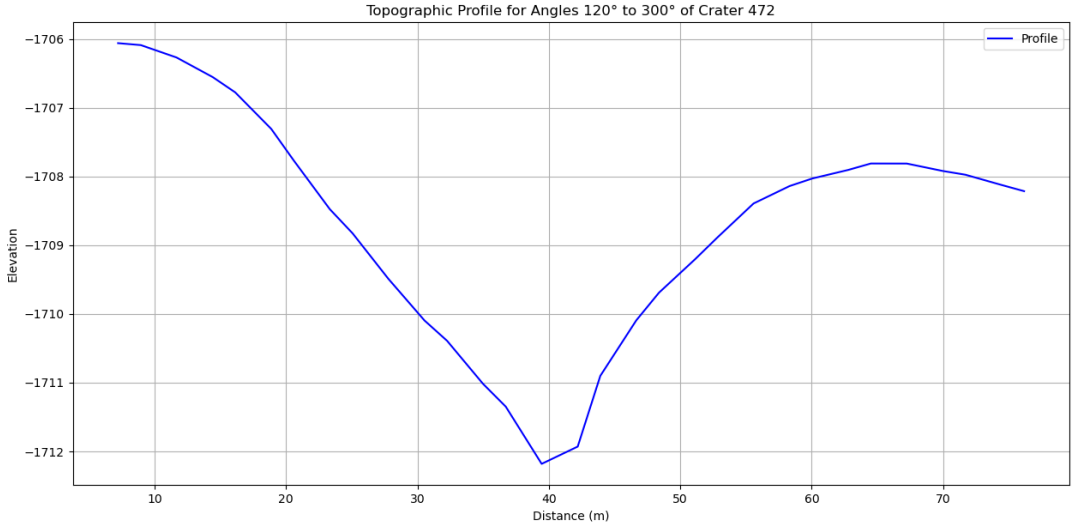

Topographic Profile for Angles 70° to 250° of Crater 472
Profile
Elevation
−1707
−1708
−1709
−1710
−1711
−1712
0
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 472
Profile
Elevation
−1707
−1708
−1709
−1710
−1711
−1712
0
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 472
Profile
Elevation
−1707
−1708
−1709
−1710
−1711
−1712
0
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 472
Profile
Elevation
−1707
−1708
−1709
−1710
−1711
−1712
0
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 472
Profile
Elevation
Distance (m)
−1706
−1707
−1708
−1709
−1710
−1711
−1712
10
20
30
40
50
60
70


Topographic Profile for Angles 120° to 300° of Crater 472
Profile
Elevation
Distance (m)
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−1707
−1708
−1709
−1710
−1711
−1712
10
20
30
40
50
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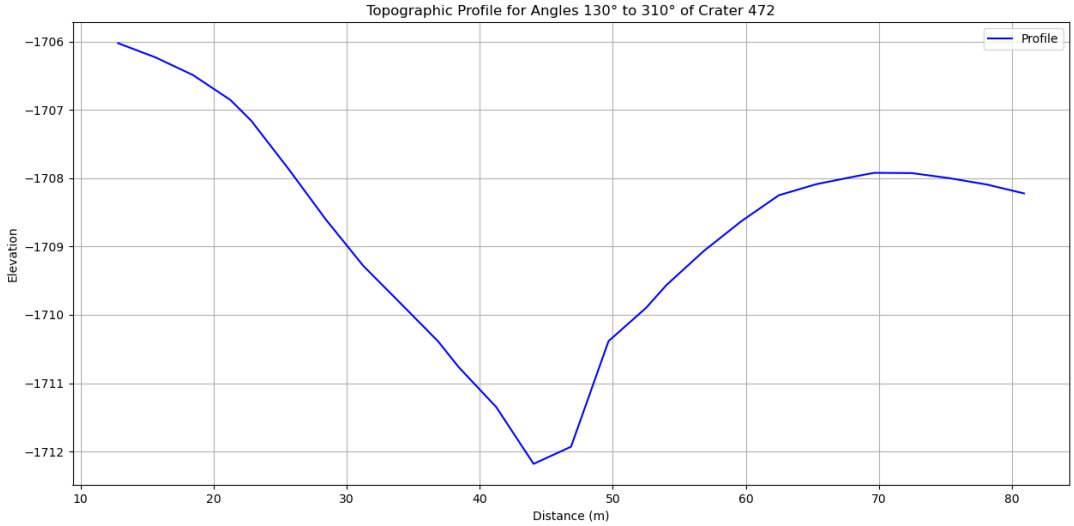
Topographic Profile for Angles 130° to 310° of Crater 472
Profile
Elevation
Distance (m)
−1706
−1707
−1708
−1709
−1710
−1711
−1712
10
20
30
40
50
60
70
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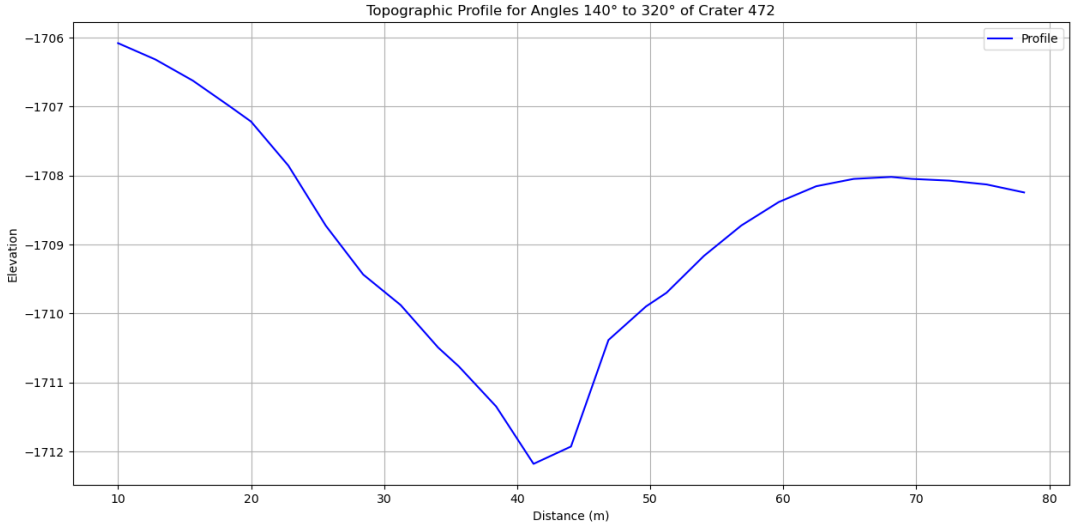
Topographic Profile for Angles 140° to 320° of Crater 472
Profile
Elevation
Distance (m)
−1706
−1707
−1708
−1709
−1710
−1711
−1712
10
20
30
40
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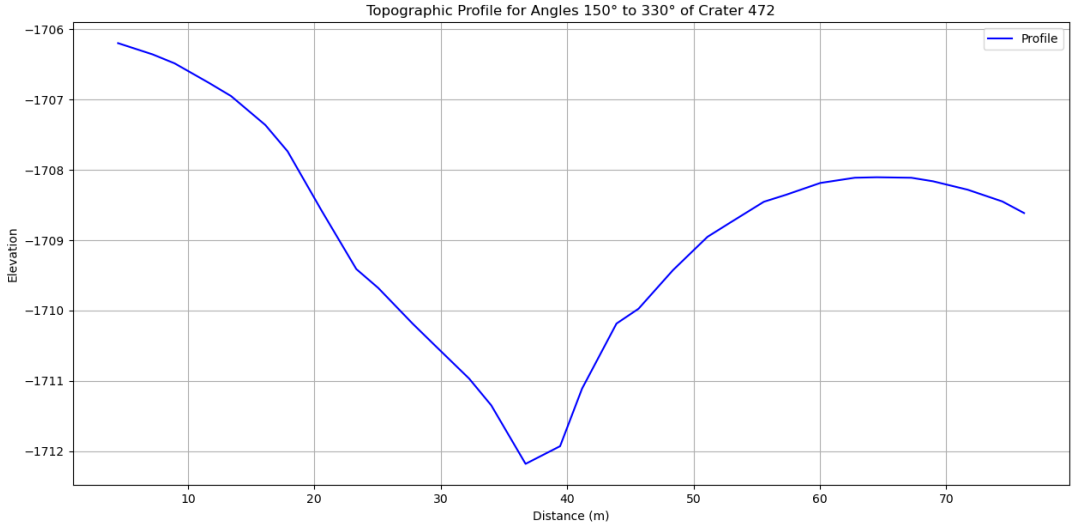
Topographic Profile for Angles 150° to 330° of Crater 472
Profile
Elevation
Distance (m)
−1706
−1707
−1708
−1709
−1710
−1711
−1712
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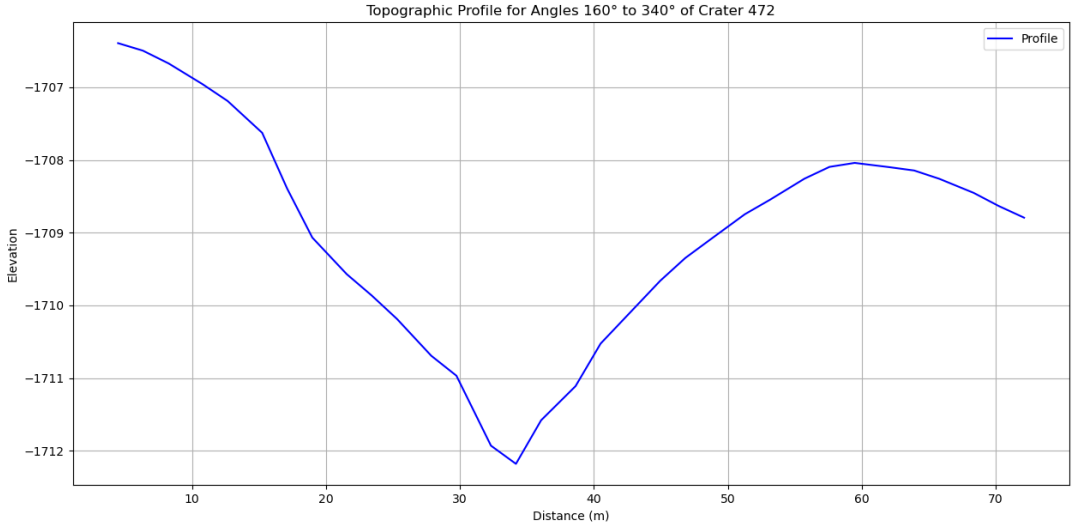
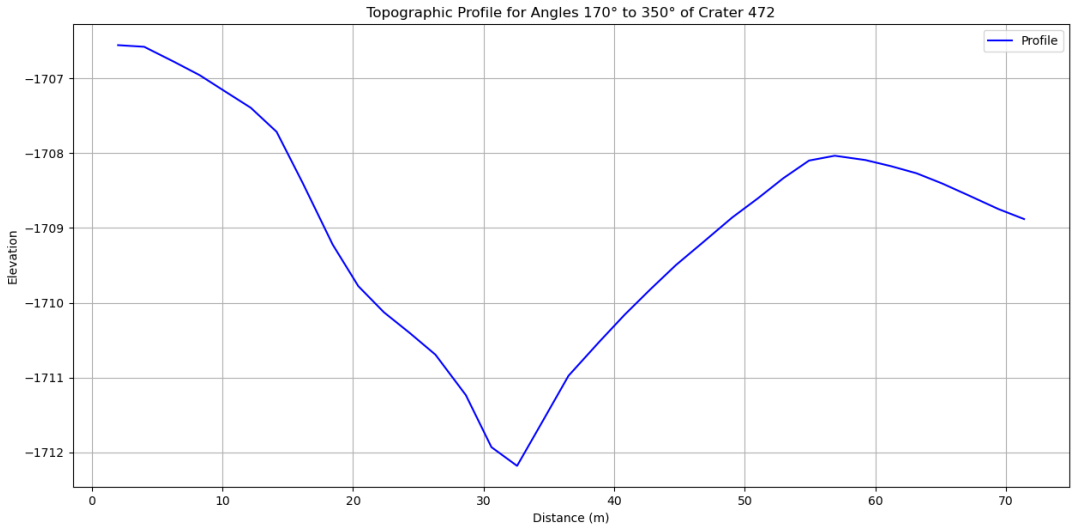
40
50
60
70


Topographic Profile for Angles 160° to 340° of Crater 472
Profile
Elevation
Distance (m)
−1707
−1708
−1709
−1710
−1711
−1712
10
20
30
40
50
60
70


Topographic Profile for Angles 170° to 350° of Crater 472
Profile
Elevation
−1707
−1708
−1709
−1710
−1711
−1712
0
10
20
30
40
50
60
70
Distance (m)