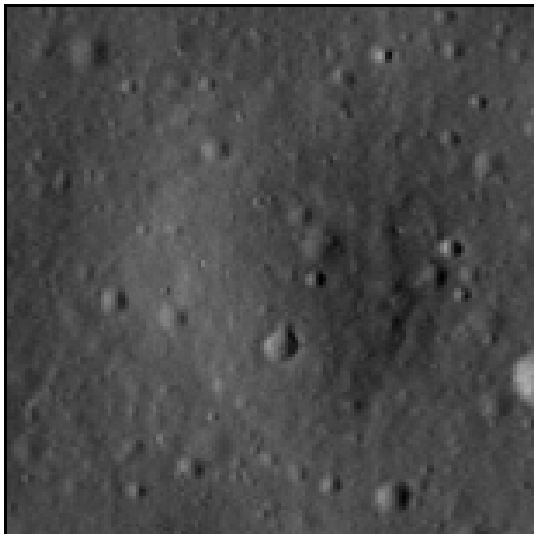
Crater report 114 of RG2

General information



ID : 114

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 76m ± 4.0m

Mean depht : 2.5m ± 0.2m

d/D ratio : 0.033 ± 0.003

Circularity index : 0.91

Mean slope : 4.14°

Mean value of TRI on the rim crest : 0.30

Geometric center coordinates : (3657574.090852455, 236216.50578735492)

Coordinates of the crater's lowest point : (3657571.000001101, 236213.00000006973)

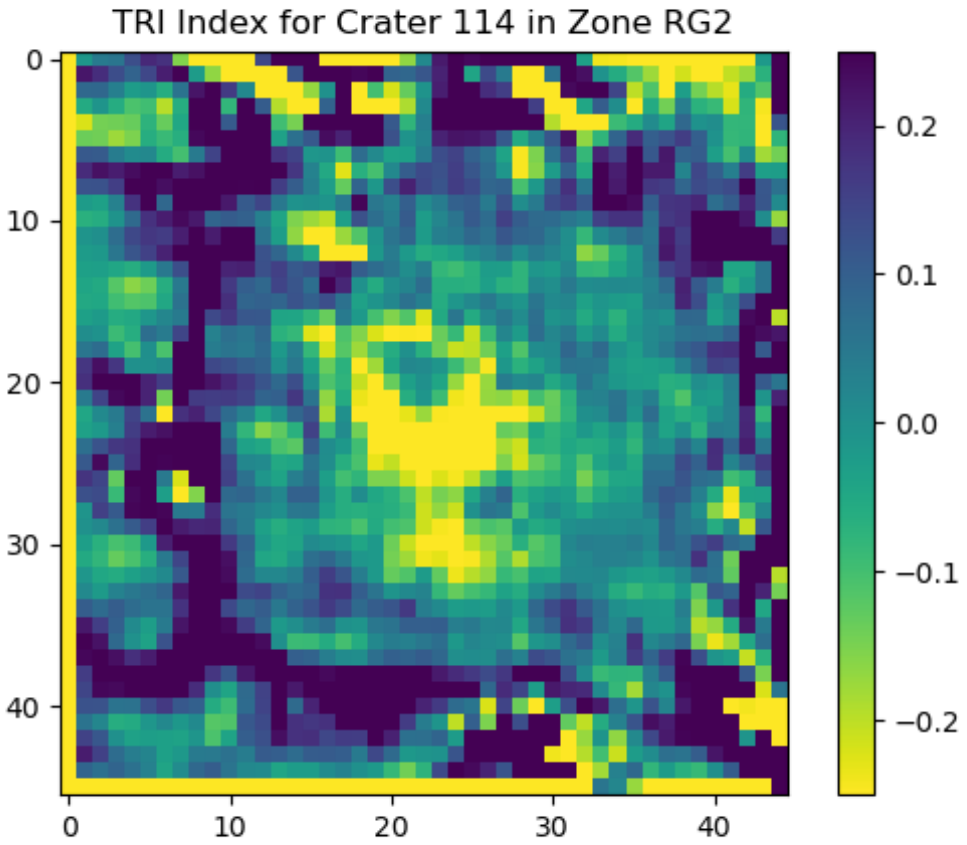
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	4.14	0.57
10°	4.09	0.55
20°	4.05	0.51
30°	4.08	0.48
40°	4.25	0.44
50°	4.4	0.43
60°	4.37	0.47
70°	4.4	0.52
80°	4.45	0.54
90°	4.73	0.57
100°	4.48	0.54
110°	4.22	0.52

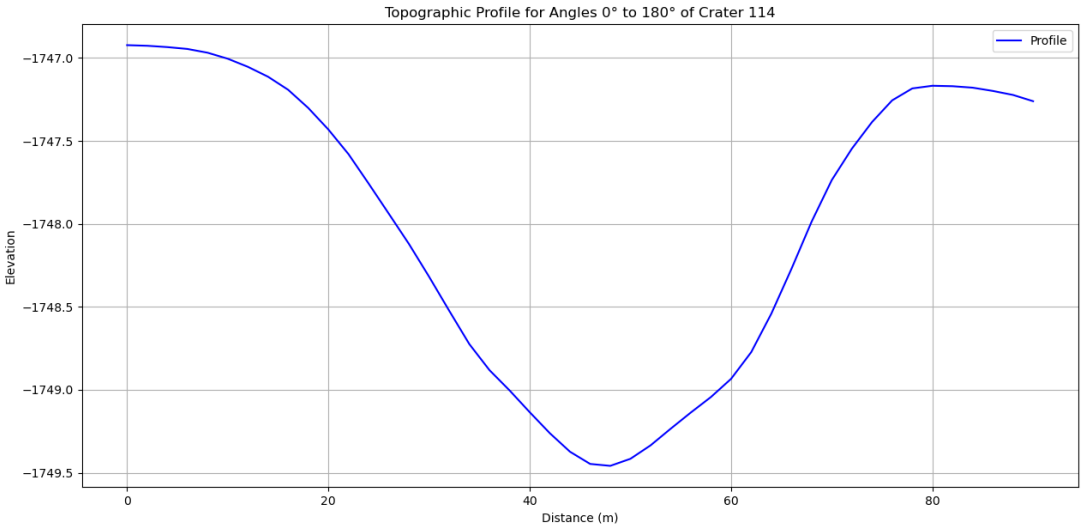
120°	4.09	0.48
130°	4.14	0.44
140°	4.25	0.42
150°	3.91	0.48
160°	3.85	0.51
170°	4.13	0.55
180°	4.55	0.57
190°	4.44	0.55
200°	4.33	0.51
210°	4.36	0.48
220°	4.61	0.42
230°	4.42	0.42
240°	4.03	0.48
250°	3.98	0.51
260°	4.03	0.54
270°	4.09	0.57
280°	3.97	0.54
290°	3.98	0.51
300°	3.78	0.48
310°	3.83	0.44
320°	3.81	0.44
330°	3.45	0.47
340°	3.59	0.51
350°	3.84	0.55

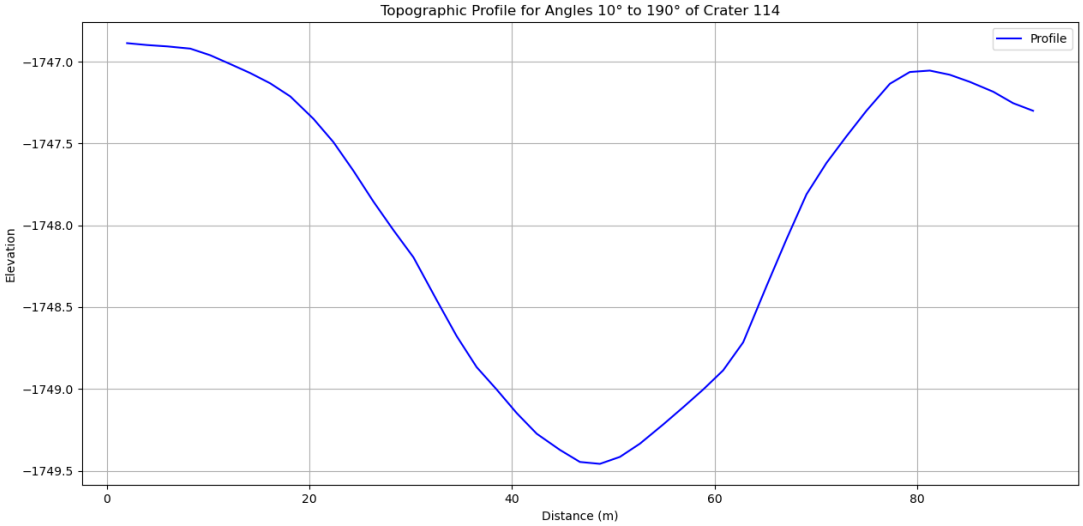
Topographic roughness index (TRI)

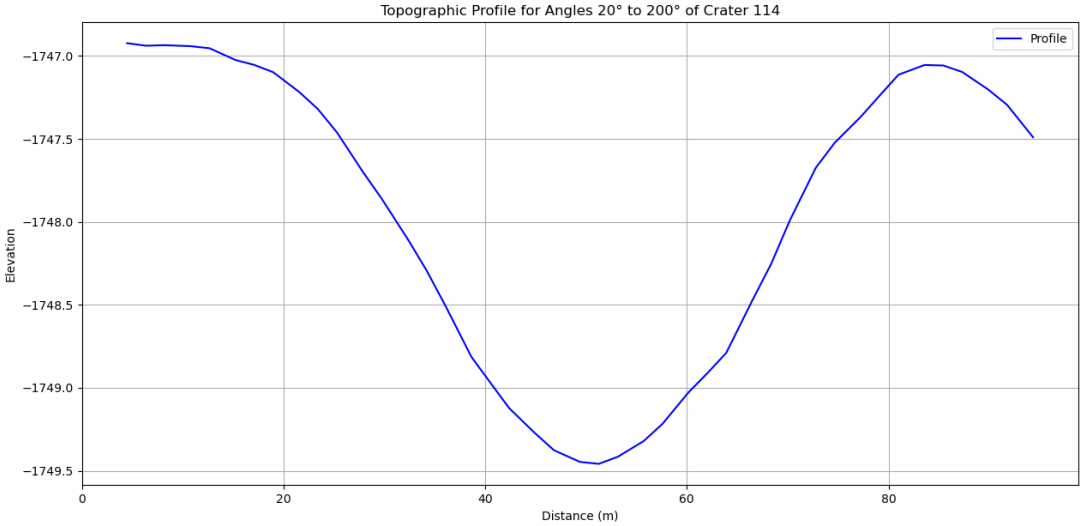
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

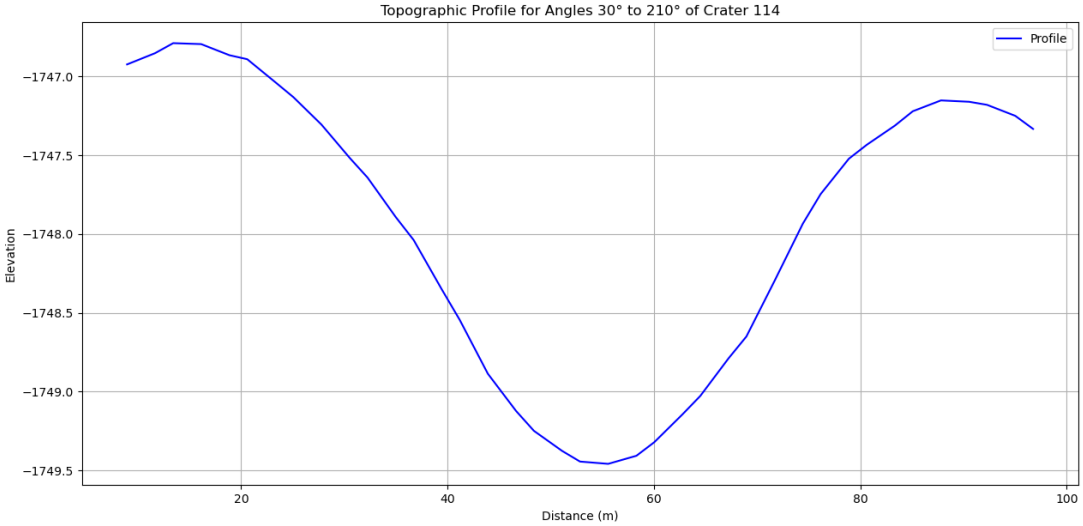


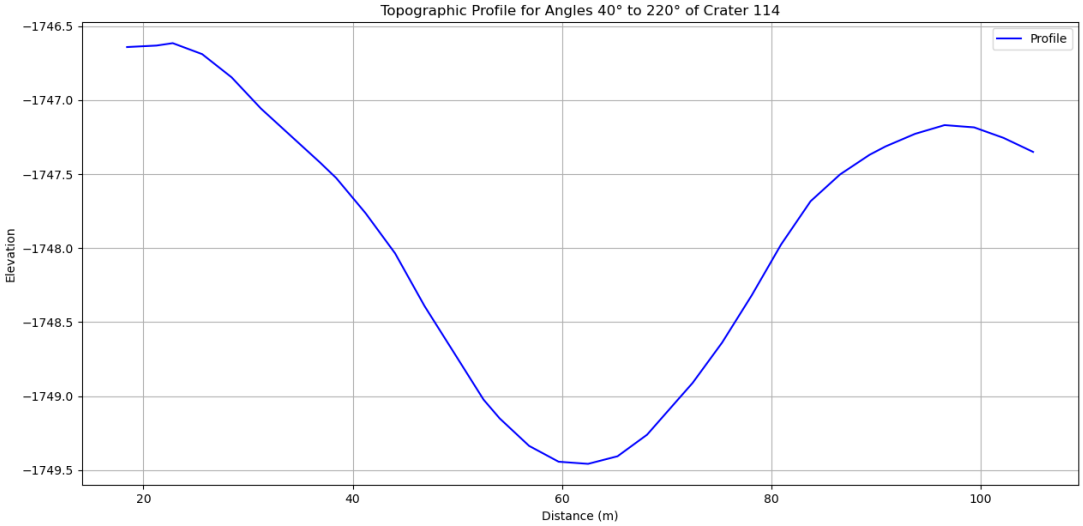
Topographic profiles

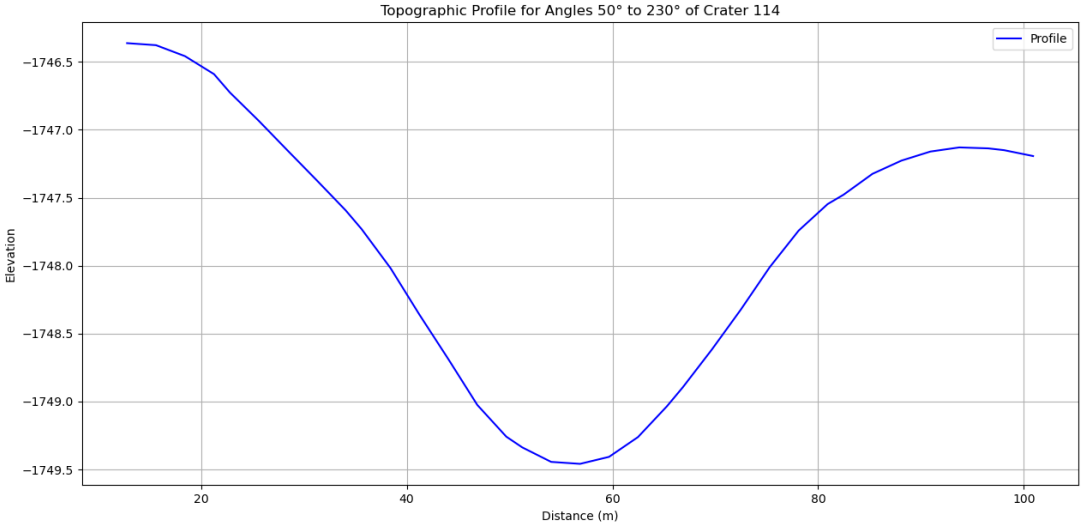


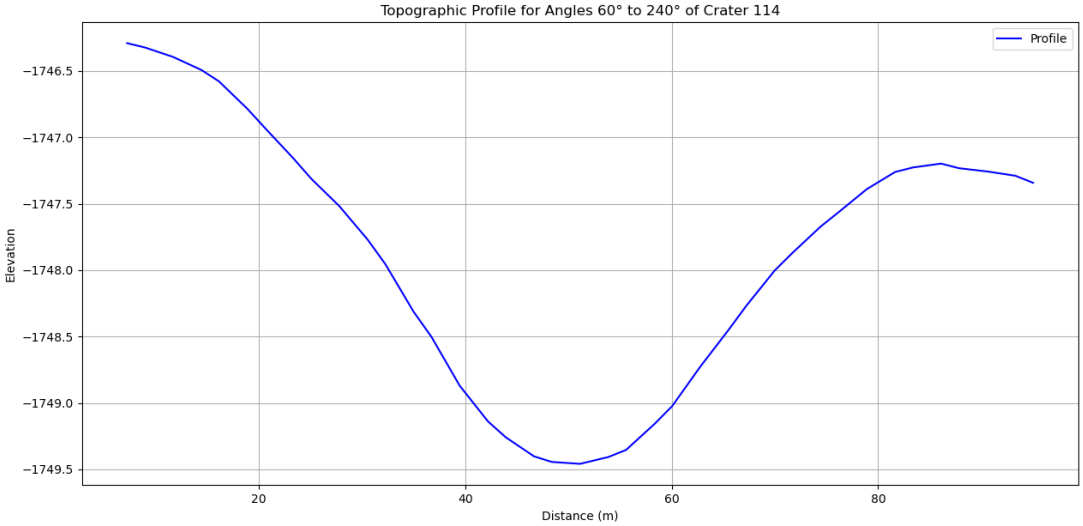

Topographic Profile for Angles 10° to 190° of Crater 114
Profile
Elevation
−1747.0
−1747.5
−1748.0
−1748.5
−1749.0
−1749.5
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 114
Profile
Elevation
−1747.0
−1747.5
−1748.0
−1748.5
−1749.0
−1749.5
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 114
Profile
Elevation
−1747.0
−1747.5
−1748.0
−1748.5
−1749.0
−1749.5
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 40° to 220° of Crater 114
Profile
Elevation
−1746.5
−1747.0
−1747.5
−1748.0
−1748.5
−1749.0
−1749.5
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 50° to 230° of Crater 114
Profile
Elevation
−1746.5
−1747.0
−1747.5
−1748.0
−1748.5
−1749.0
−1749.5
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 114
Profile
Elevation
−1746.5
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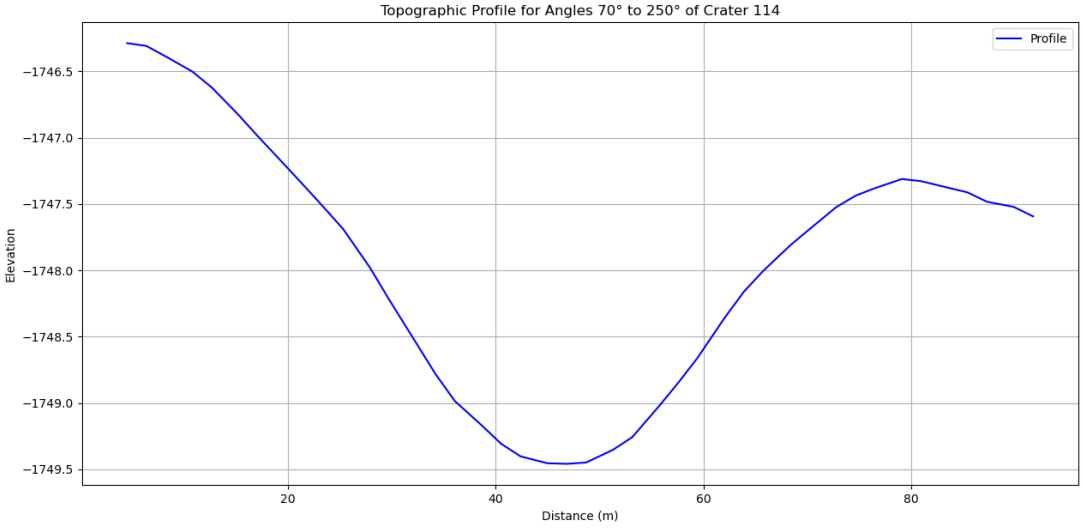
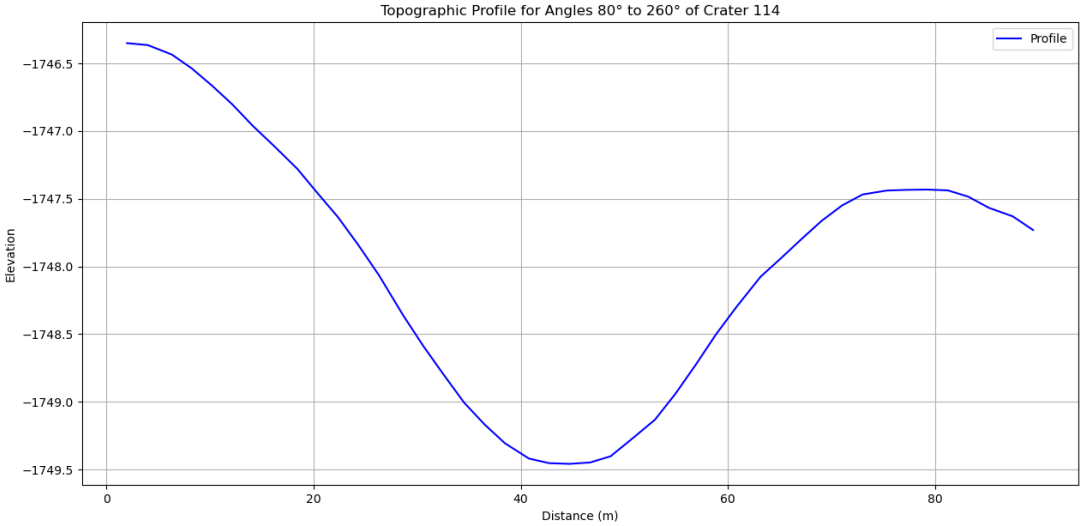
−1747.5
−1748.0
−1748.5
−1749.0
−1749.5
20
40
60
80
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 114
Profile
Elevation
−1746.5
−1747.0
−1747.5
−1748.0
−1748.5
−1749.0
−1749.5
20
40
60
80
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 114
Profile
Elevation
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−1747.5
−1748.0
−1748.5
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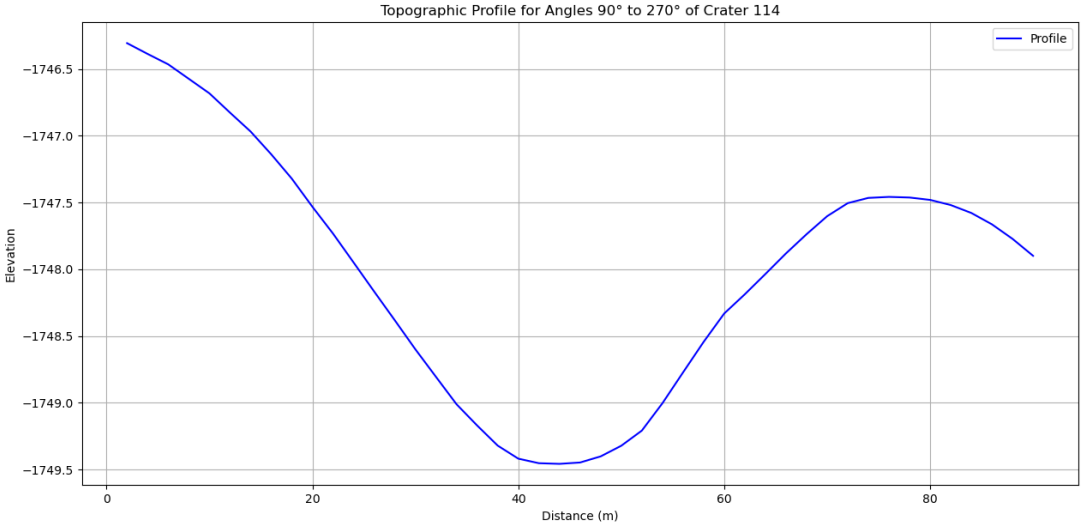
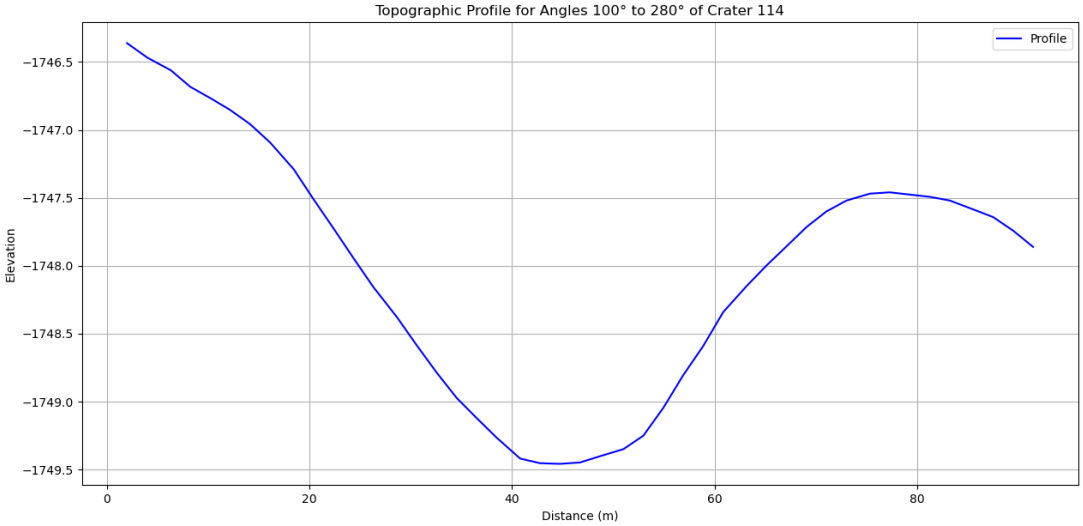
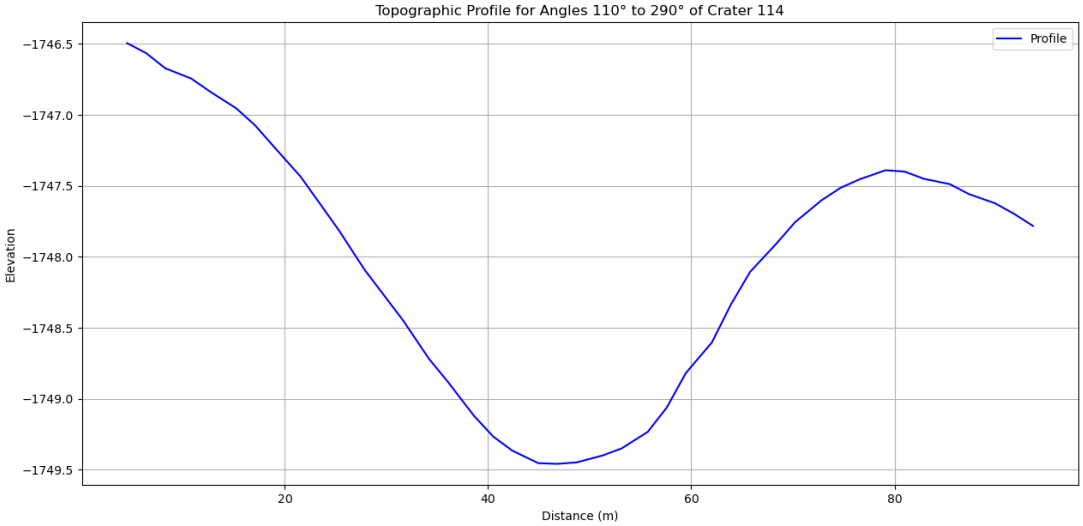
−1749.5
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 114
Profile
Elevation
−1746.5
−1747.0
−1747.5
−1748.0
−1748.5
−1749.0
−1749.5
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 114
Profile
Elevation
−1746.5
−1747.0
−1747.5
−1748.0
−1748.5
−1749.0
−1749.5
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 114
Profile
Elevation
Distance (m)
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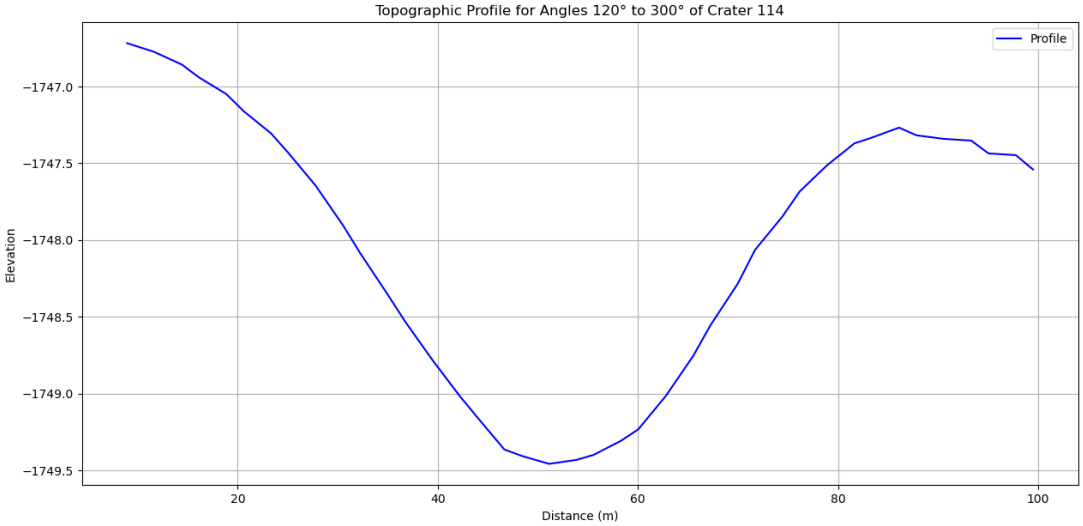
−1747.0
−1747.5
−1748.0
−1748.5
−1749.0
−1749.5
20
40
60
80


Topographic Profile for Angles 120° to 300° of Crater 114
Profile
Elevation
Distance (m)
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−1747.5
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−1748.5
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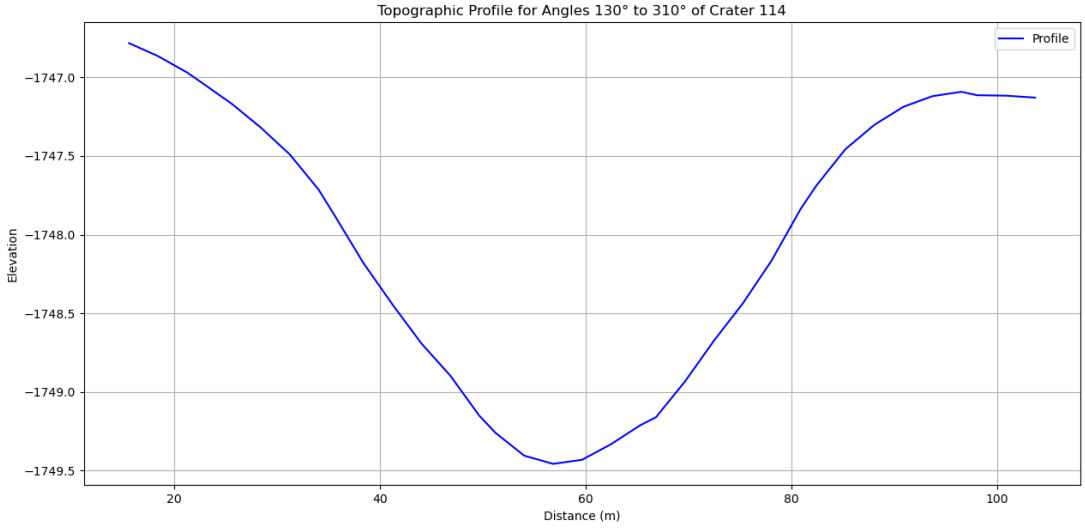
−1749.5
20
40
60
80
100


Topographic Profile for Angles 130° to 310° of Crater 114
Profile
Elevation
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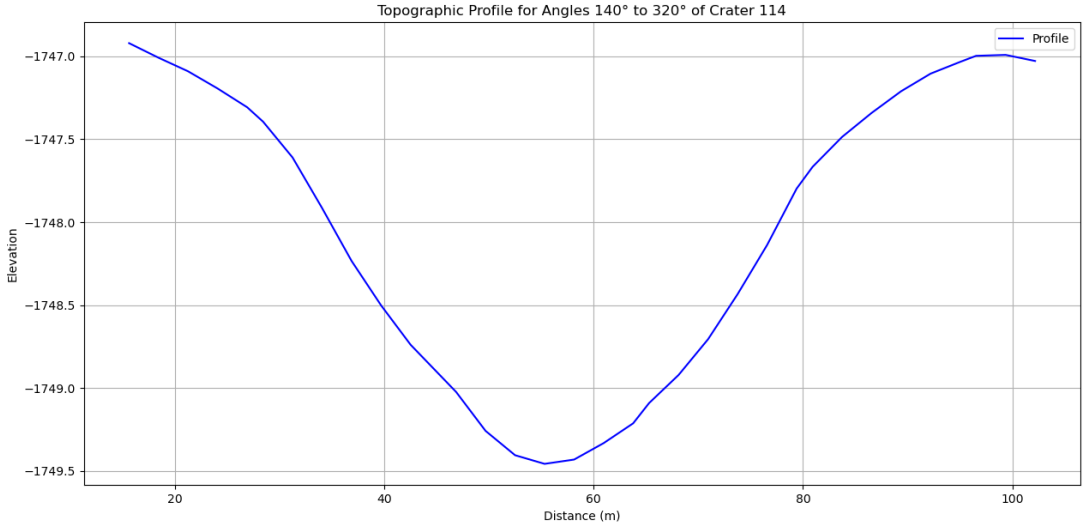
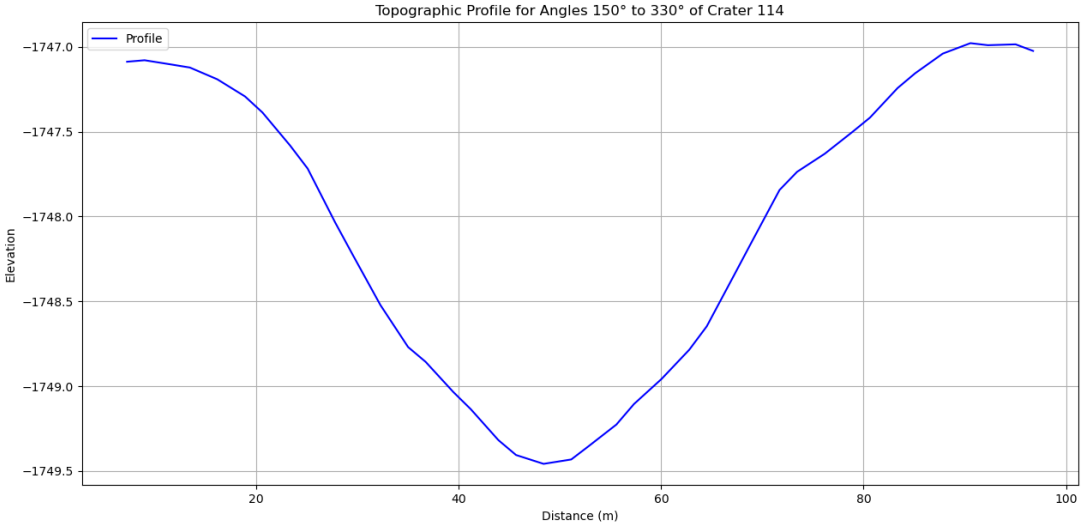
−1748.0
−1748.5
−1749.0
−1749.5
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 114
Profile
Elevation
−1747.0
−1747.5
−1748.0
−1748.5
−1749.0
−1749.5
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 114
Profile
Elevation
Distance (m)
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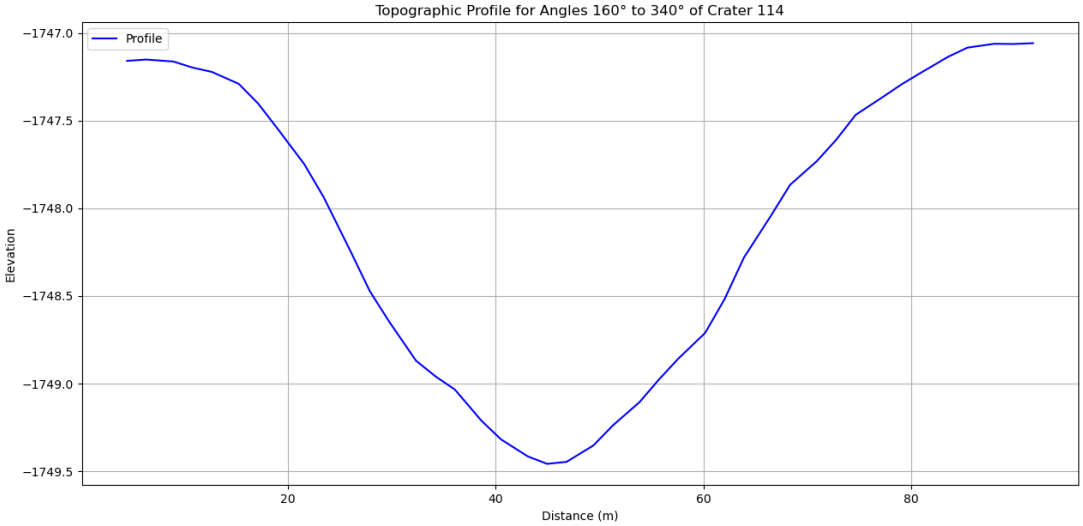
−1747.5
−1748.0
−1748.5
−1749.0
−1749.5
20
40
60
80
100


Topographic Profile for Angles 160° to 340° of Crater 114
Profile
Elevation
Distance (m)
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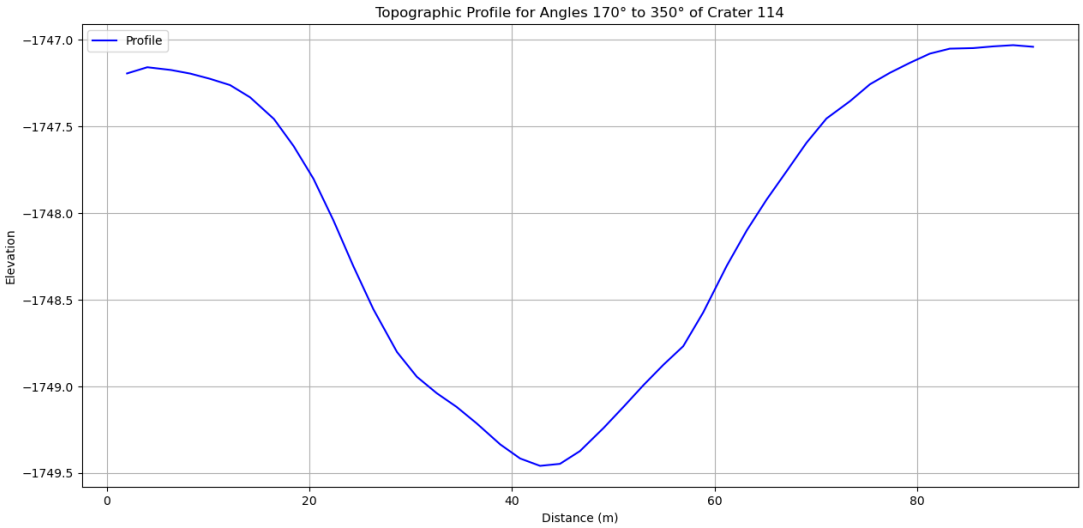
−1747.5
−1748.0
−1748.5
−1749.0
−1749.5
20
40
60
80


Topographic Profile for Angles 170° to 350° of Crater 114
Profile
−1747.0
−1747.5
−1748.0
−1748.5
−1749.0
−1749.5
Elevation
0
20
40
60
80
Distance (m)