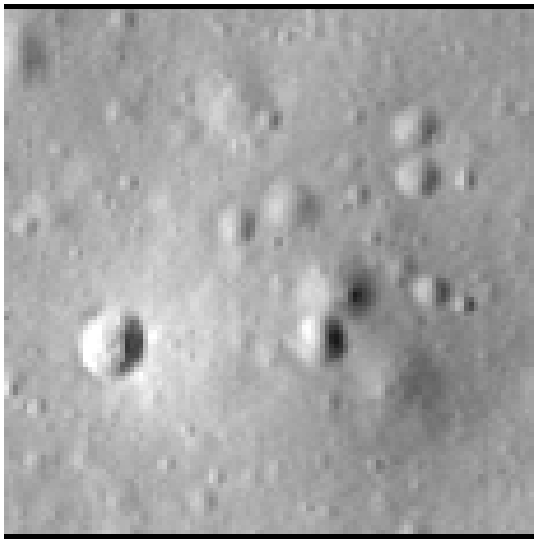
Crater report 1942 of RG2

General information



ID : 1942

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 58m ± 4.0m

Mean depht : 2.2m ± 0.3m

d/D ratio : 0.037 ± 0.006

Circularity index : 0.91

Slope : Between 2.02° et 6.68°

Mean value of TRI on the rim crest : 0.10

Geometric center coordinates : (3657826.838581309, 221375.28067807326)

Coordinates of the crater's lowest point : (3657833.000001101, 221367.0000000653)

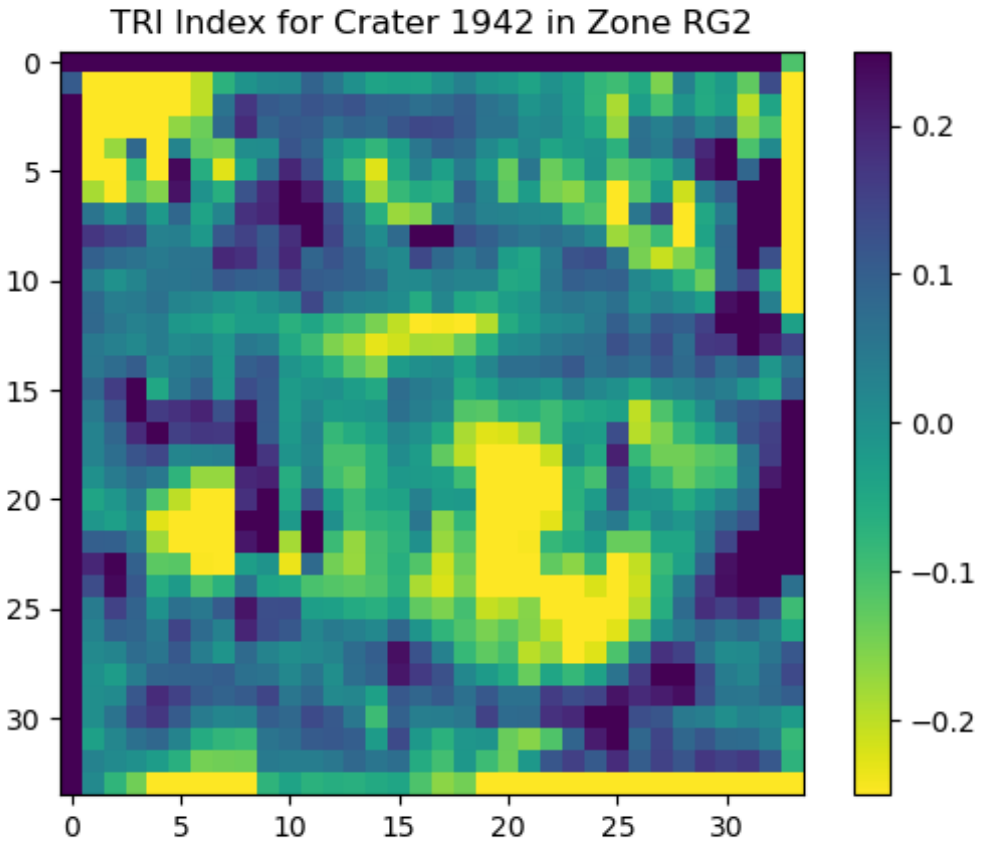
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	5.93	0.57
10°	5.5	0.55
20°	5.36	0.52
30°	5.5	0.49
40°	5.48	0.4
50°	5.29	0.44
60°	4.35	0.48
70°	3.98	0.52
80°	4.19	0.55
90°	4.47	0.57
100°	4.27	0.55
110°	3.72	0.51

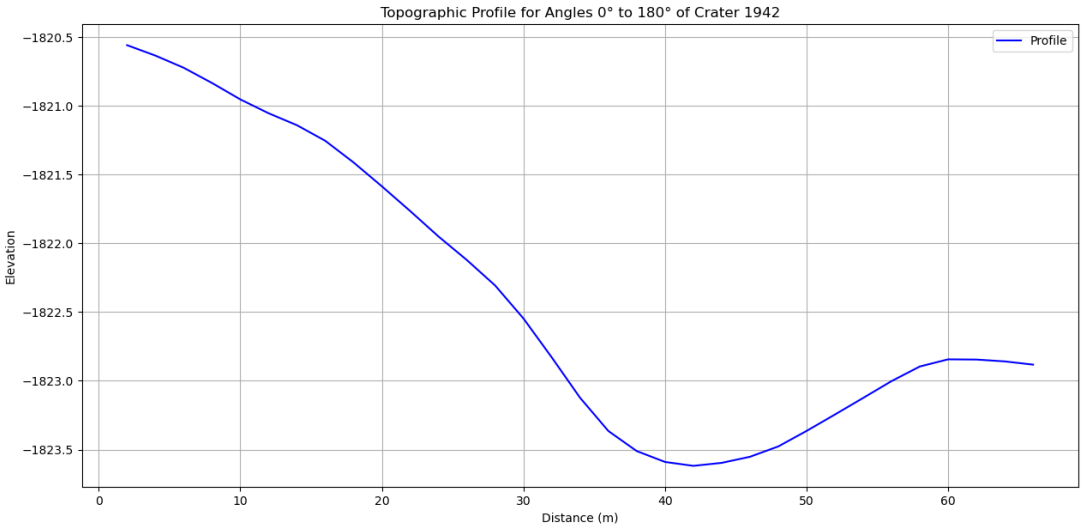
120°	3.18	0.49
130°	2.84	0.44
140°	2.02	0.45
150°	2.14	0.48
160°	2.23	0.49
170°	2.69	0.53
180°	3.4	0.57
190°	3.65	0.54
200°	4.99	0.49
210°	5.06	0.49
220°	5.41	0.44
230°	5.85	0.44
240°	5.72	0.48
250°	5.73	0.5
260°	6.0	0.55
270°	5.93	0.57
280°	6.63	0.55
290°	6.68	0.51
300°	6.3	0.48
310°	6.33	0.45
320°	6.54	0.43
330°	6.32	0.47
340°	5.81	0.52
350°	6.13	0.55

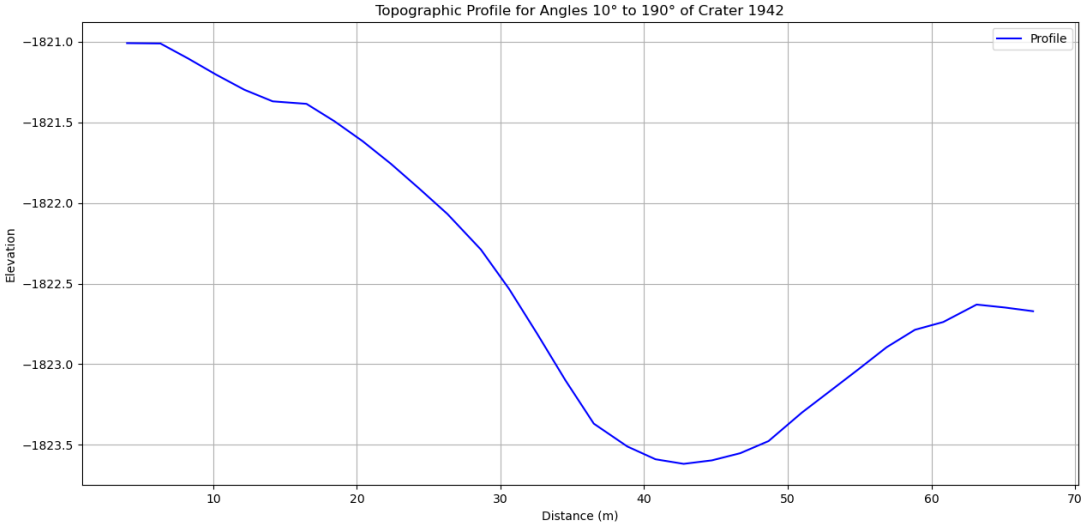
Topographic roughness index (TRI)

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 1942
Profile
Elevation
Distance (m)
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
10
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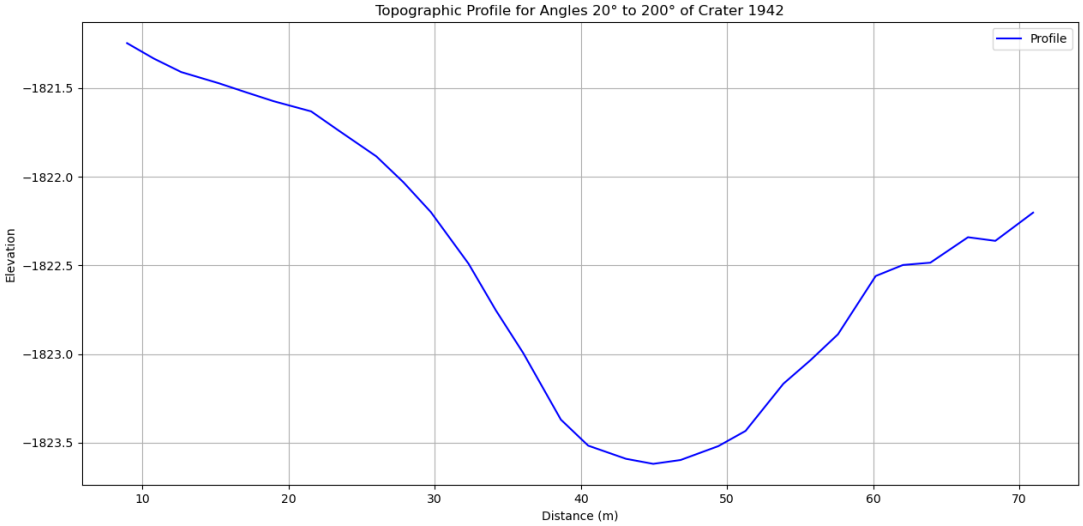
Topographic Profile for Angles 20° to 200° of Crater 1942
Profile
Elevation
Distance (m)
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−1822.0
−1822.5
−1823.0
−1823.5
10
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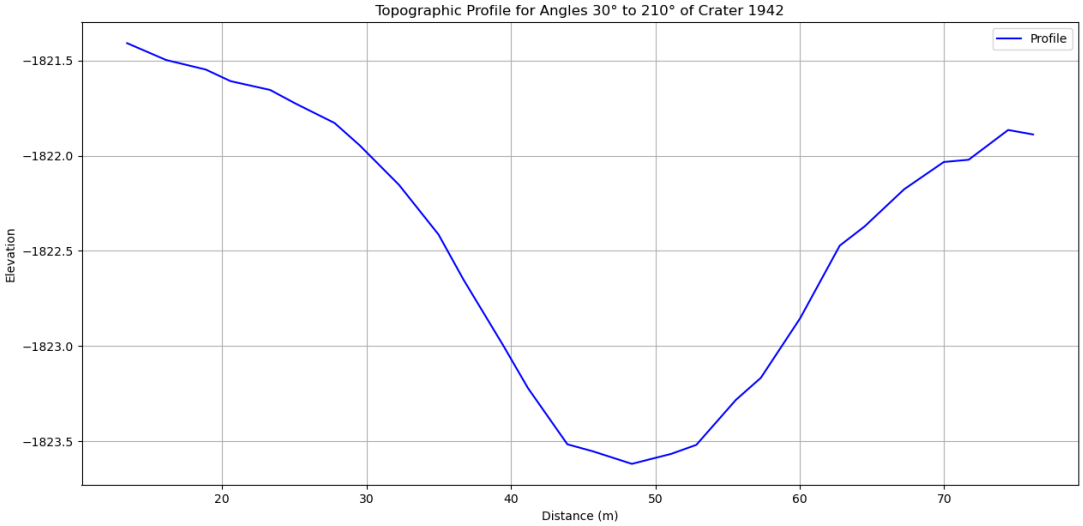
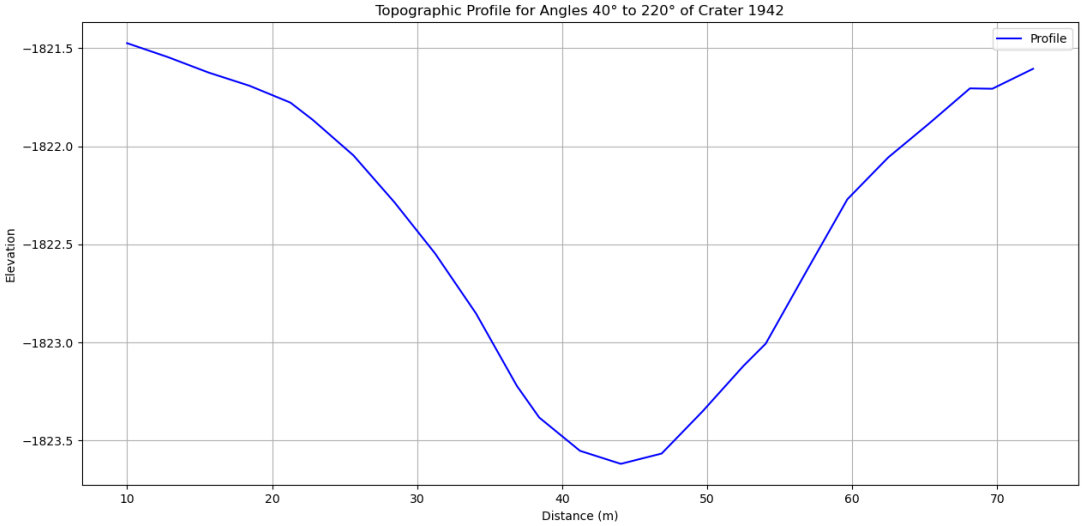

Topographic Profile for Angles 30° to 210° of Crater 1942
Profile
Elevation
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 40° to 220° of Crater 1942
Profile
Elevation
−1821.5
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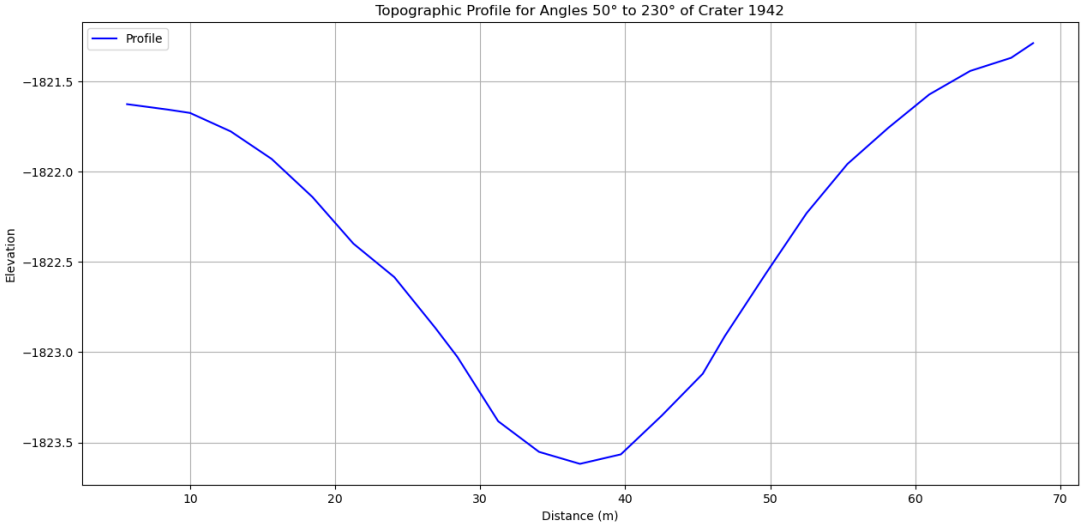
−1822.5
−1823.0
−1823.5
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 50° to 230° of Crater 1942
Profile
Elevation
Distance (m)
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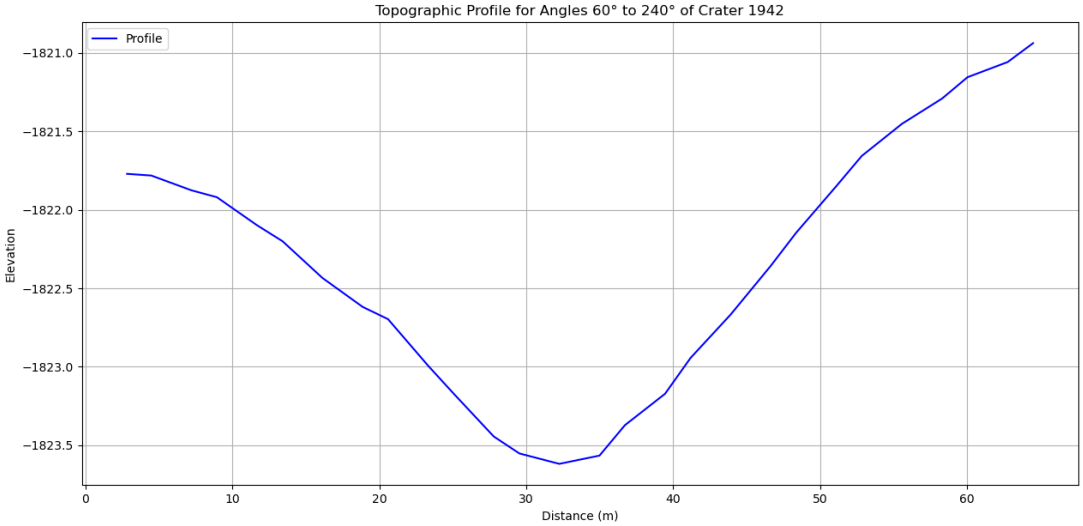
−1822.0
−1822.5
−1823.0
−1823.5
10
20
30
40
50
60
70


Topographic Profile for Angles 60° to 240° of Crater 1942
Profile
Elevation
Distance (m)
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−1821.5
−1822.0
−1822.5
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−1823.5
0
10
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50
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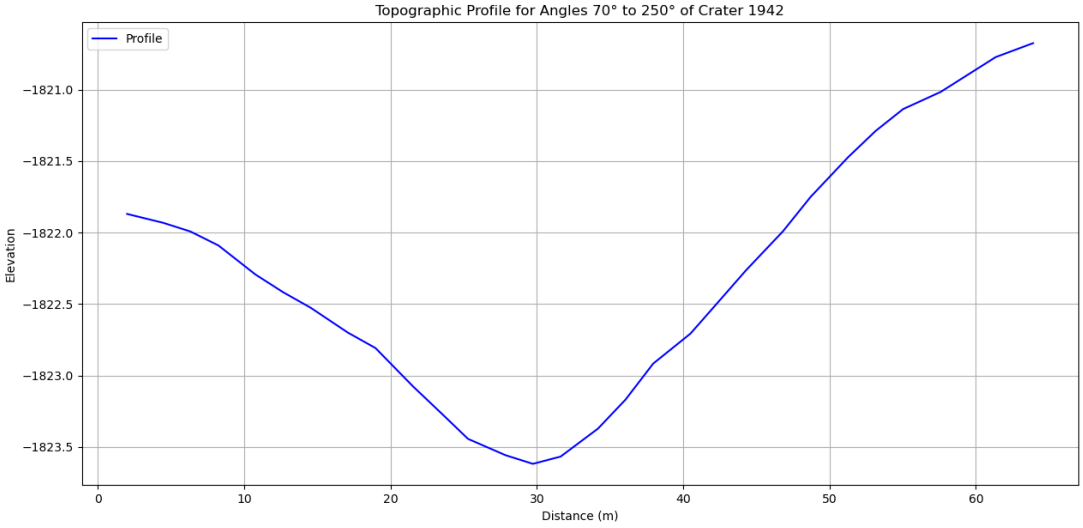
Topographic Profile for Angles 70° to 250° of Crater 1942
Profile
Elevation
Distance (m)
−1821.0
−1821.5
−1822.0
−1822.5
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−1823.5
0
10
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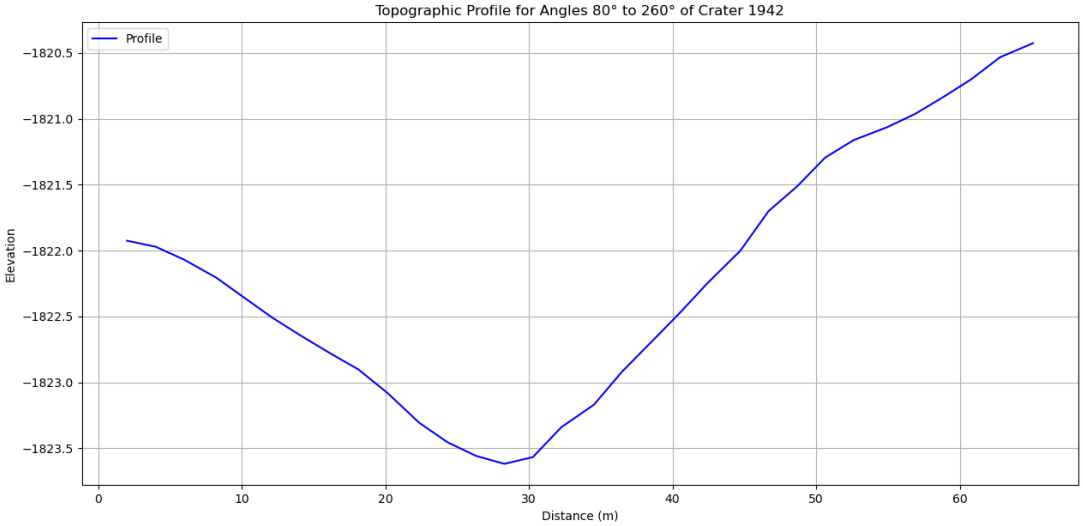
Topographic Profile for Angles 80° to 260° of Crater 1942
Profile
Elevation
Distance (m)
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−1821.0
−1821.5
−1822.0
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−1823.5
0
10
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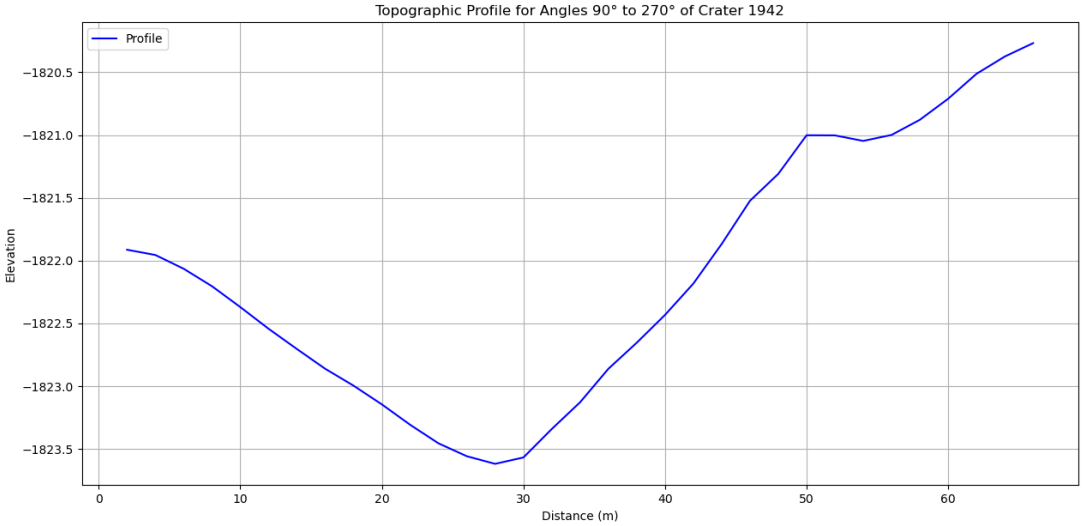
Topographic Profile for Angles 90° to 270° of Crater 1942
Profile
Elevation
Distance (m)
−1820.5
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
0
10
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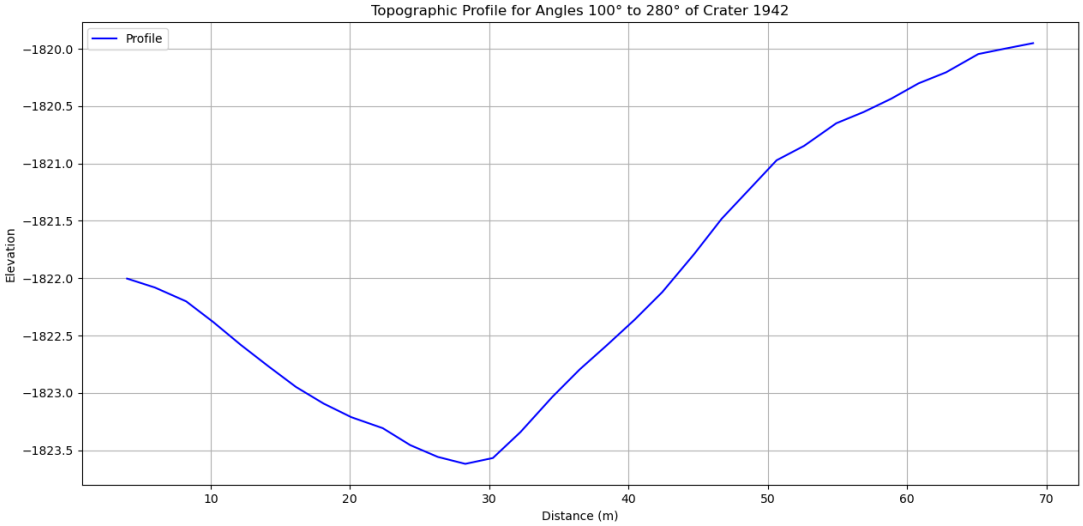
Topographic Profile for Angles 100° to 280° of Crater 1942
Profile
Elevation
Distance (m)
−1820.0
−1820.5
−1821.0
−1821.5
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−1822.5
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−1823.5
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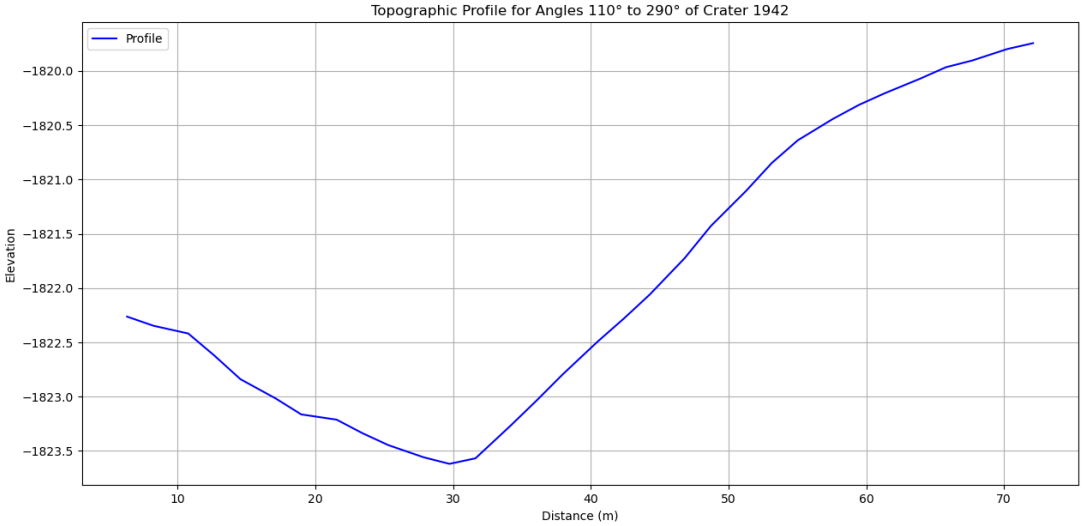
Topographic Profile for Angles 110° to 290° of Crater 1942
Profile
Elevation
Distance (m)
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−1820.5
−1821.0
−1821.5
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−1823.5
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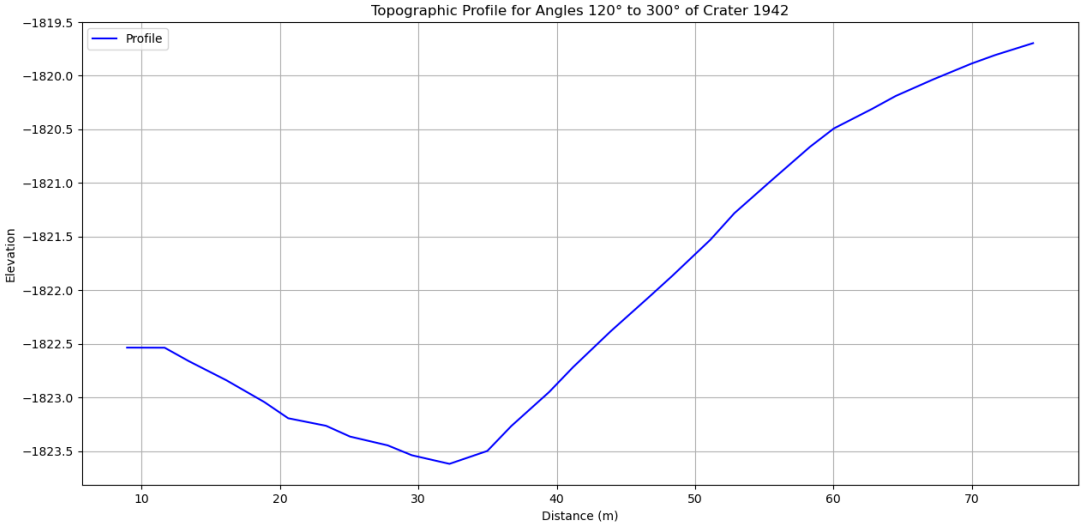
Topographic Profile for Angles 120° to 300° of Crater 1942
Profile
Elevation
Distance (m)
−1819.5
−1820.0
−1820.5
−1821.0
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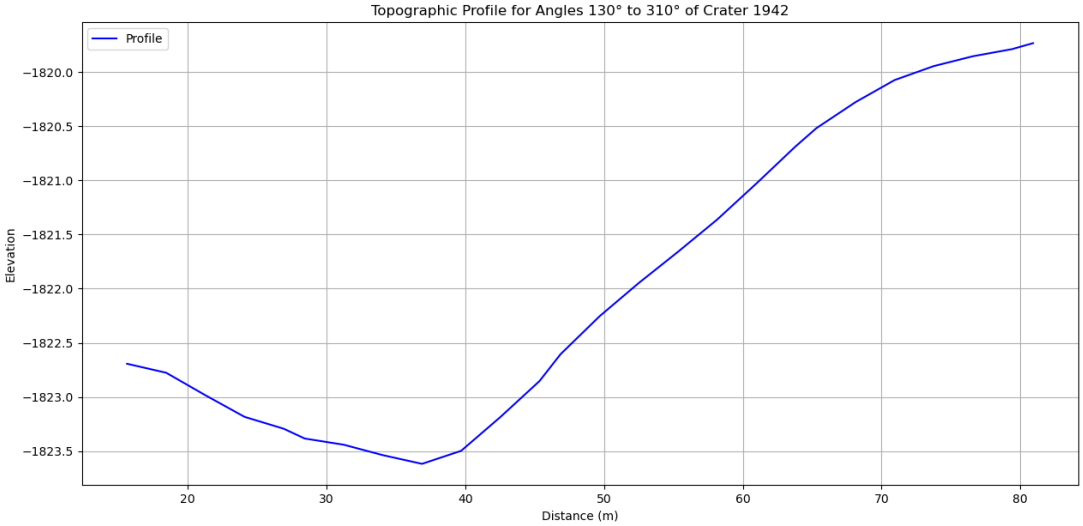
Topographic Profile for Angles 130° to 310° of Crater 1942
Profile
Elevation
−1820.0
−1820.5
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
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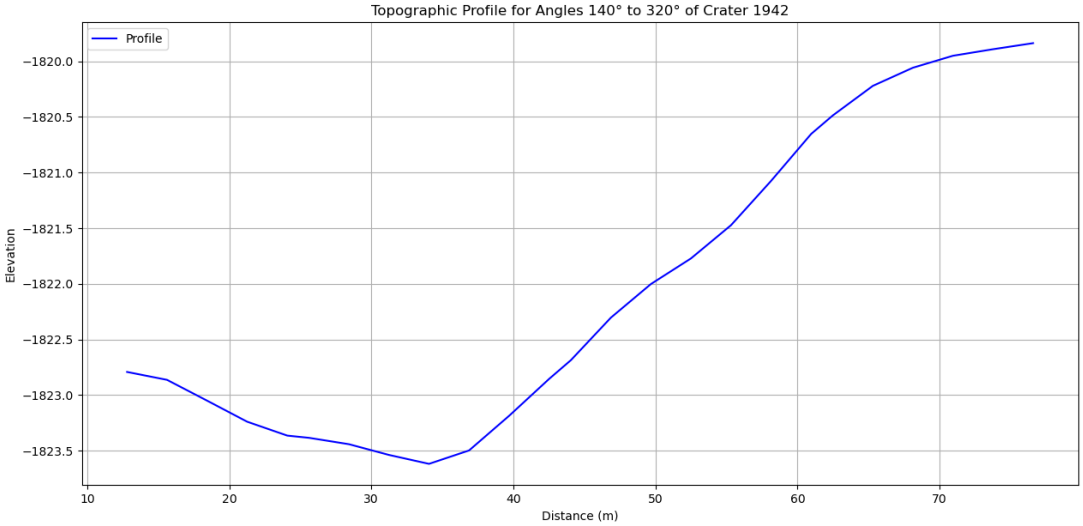
80
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 1942
Profile
Elevation
−1820.0
−1820.5
−1821.0
−1821.5
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−1822.5
−1823.0
−1823.5
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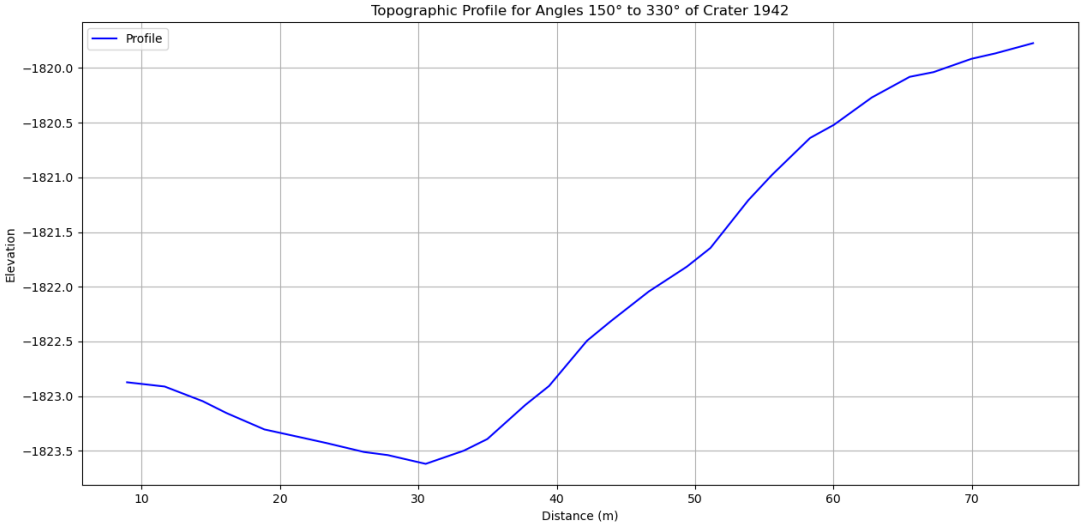
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 1942
Profile
Elevation
Distance (m)
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−1821.0
−1821.5
−1822.0
−1822.5
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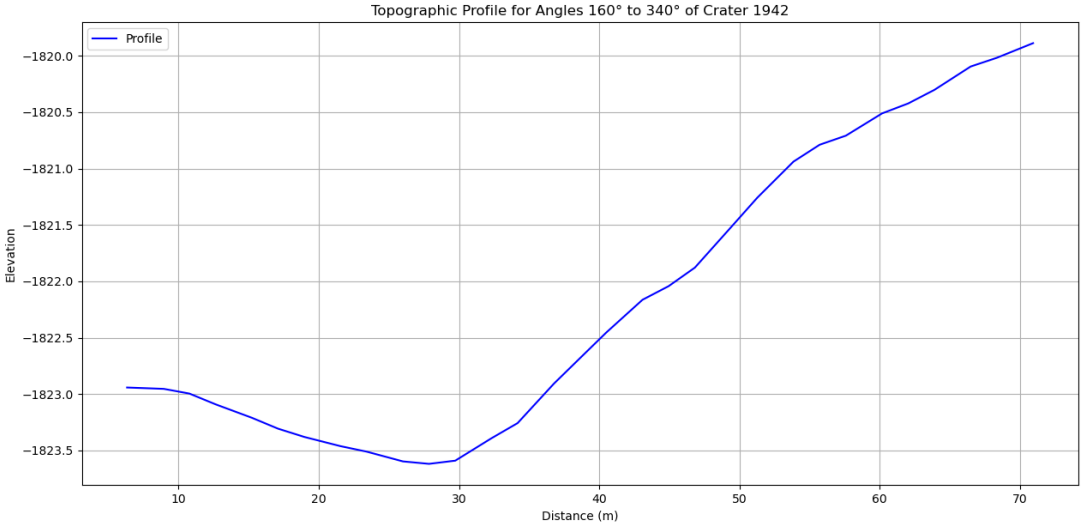
Topographic Profile for Angles 160° to 340° of Crater 1942
Profile
Elevation
Distance (m)
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−1820.5
−1821.0
−1821.5
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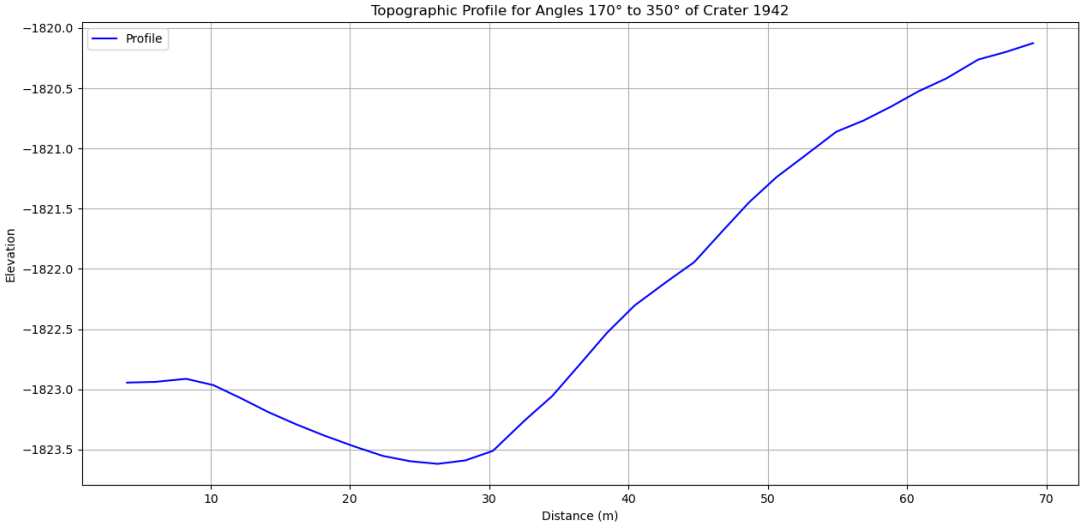
Topographic Profile for Angles 170° to 350° of Crater 1942
Profile
Elevation
Distance (m)
−1820.0
−1820.5
−1821.0
−1821.5
−1822.0
−1822.5
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