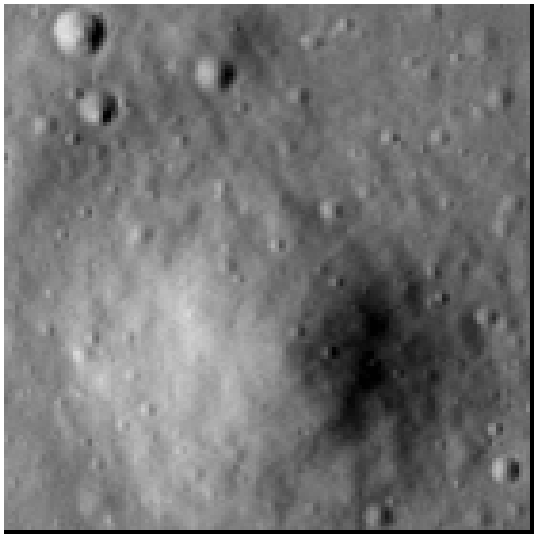
Crater report 2222 of RG2

General information



ID : 2222

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : B - BC

Mean Diameter : 70m ± 3.0m

Mean depht : 6.9m ± 0.5m

d/D ratio : 0.098 ± 0.009

Circularity index : 0.9

Slope : Between 11.18° et 17.0°

Mean value of TRI on the rim crest : 0.03

Geometric center coordinates : (3657687.630822302, 219075.06049292293)

Coordinates of the crater's lowest point : (3657689.000001101, 219059.00000006458)

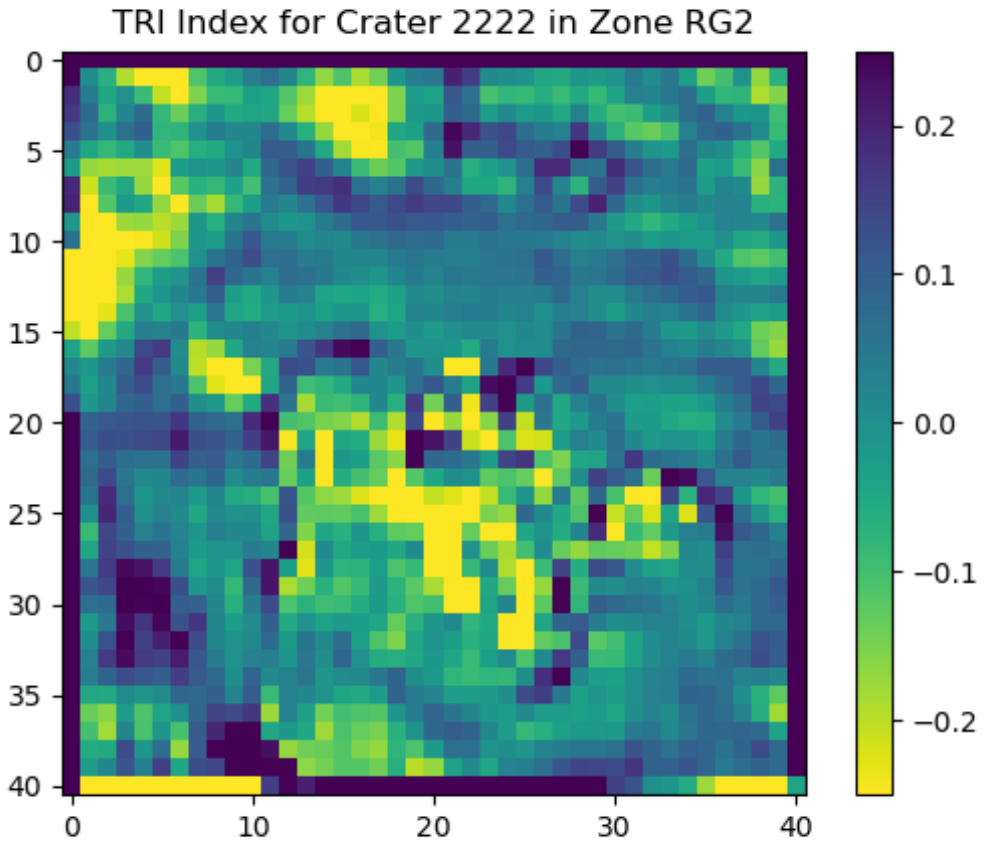
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	15.4	0.56
10°	14.77	0.54
20°	15.68	0.5
30°	15.88	0.47
40°	17.0	0.42
50°	15.69	0.44
60°	15.03	0.48
70°	14.52	0.51
80°	14.55	0.55
90°	15.28	0.56
100°	14.55	0.52
110°	13.78	0.5

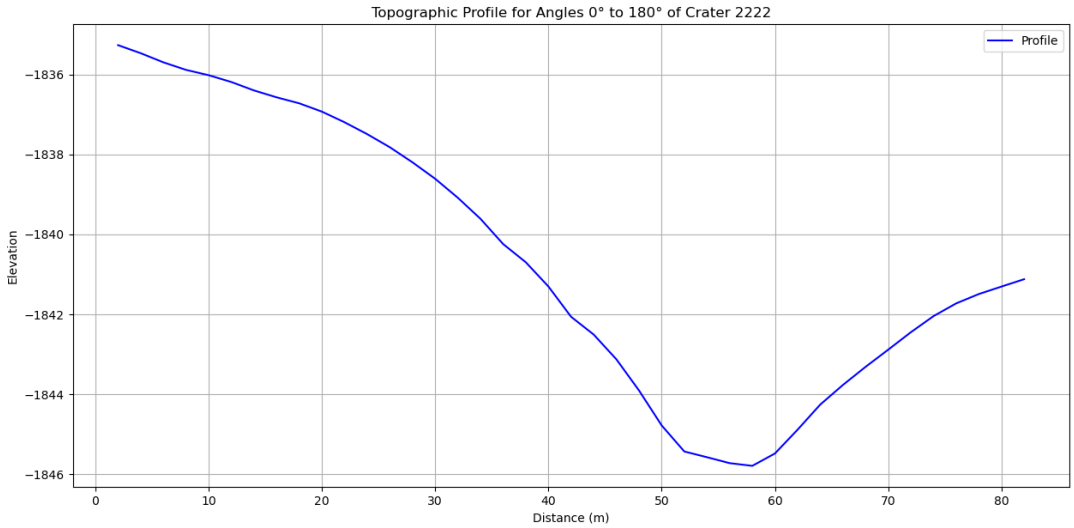
120°	13.18	0.48
130°	13.97	0.44
140°	13.82	0.44
150°	14.22	0.45
160°	13.53	0.54
170°	12.93	0.54
180°	13.68	0.57
190°	12.72	0.54
200°	12.66	0.53
210°	12.3	0.48
220°	11.63	0.43
230°	11.18	0.43
240°	11.55	0.48
250°	11.44	0.51
260°	11.62	0.55
270°	12.27	0.57
280°	11.83	0.55
290°	11.49	0.52
300°	11.9	0.48
310°	11.88	0.43
320°	13.2	0.43
330°	13.69	0.48
340°	13.51	0.51
350°	13.94	0.54

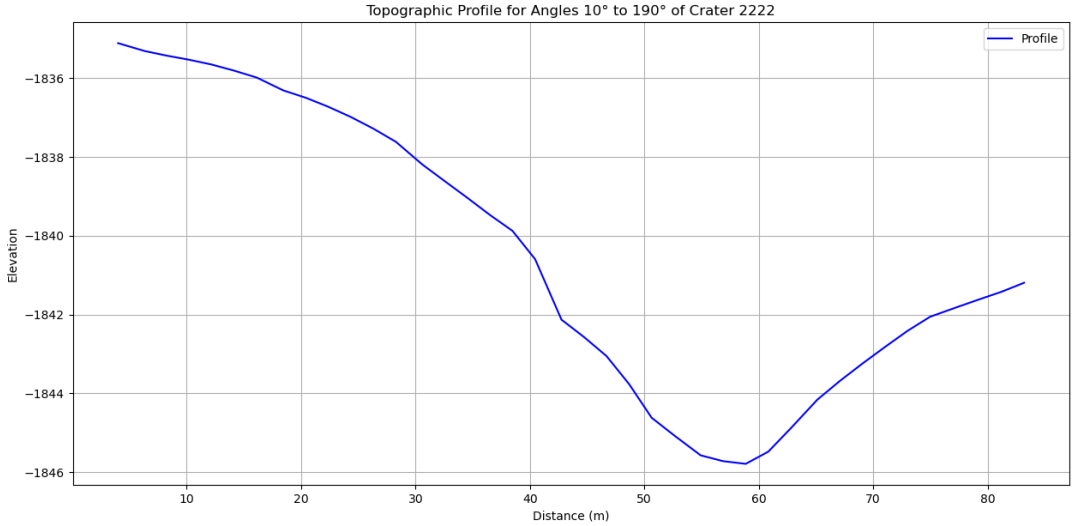
Topographic roughness index (TRI)

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 2222
Profile
Elevation
−1836
−1838
−1840
−1842
−1844
−1846
10
20
30
40
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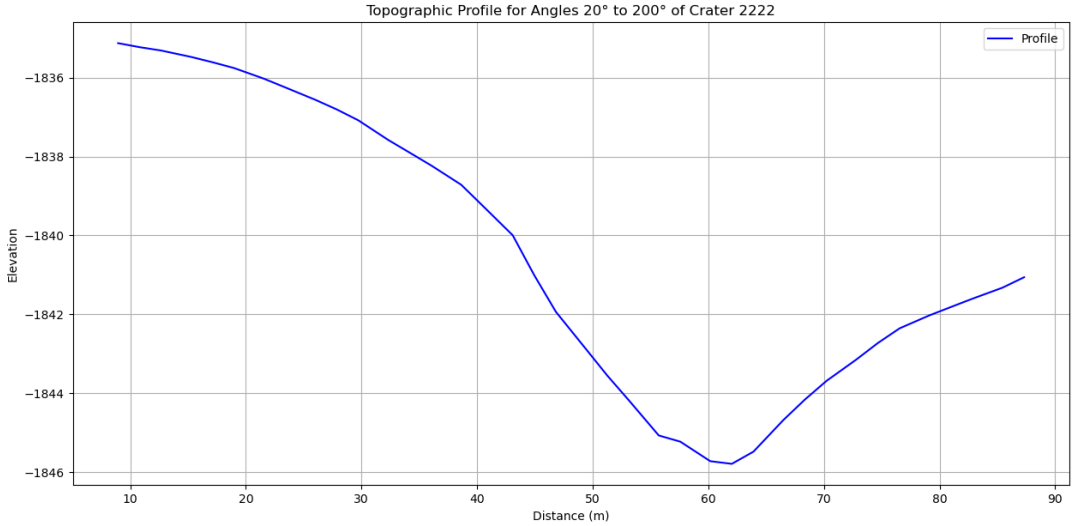
60
70
80
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 2222
Profile
Elevation
−1836
−1838
−1840
−1842
−1844
−1846
10
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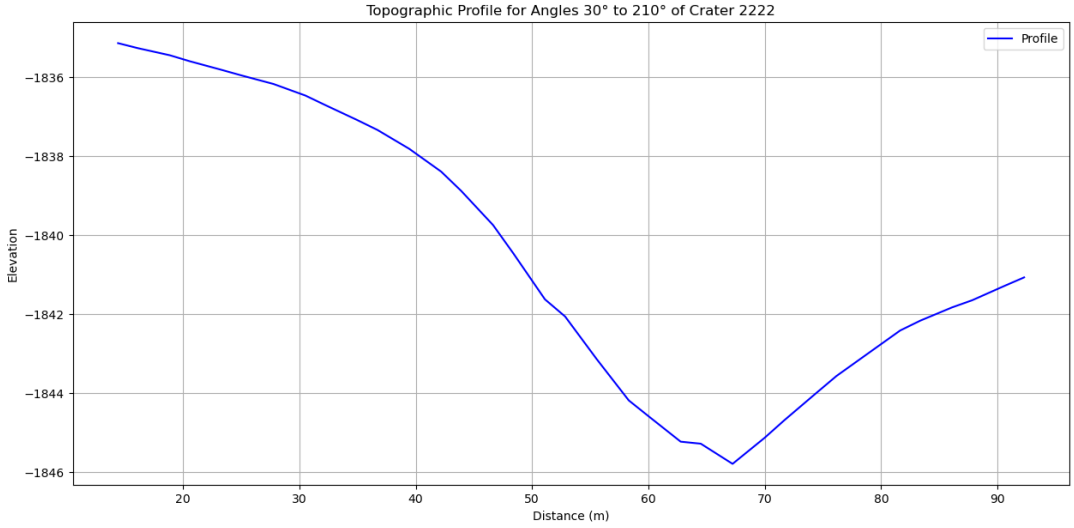
70
80
90
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 2222
Profile
Elevation
−1836
−1838
−1840
−1842
−1844
−1846
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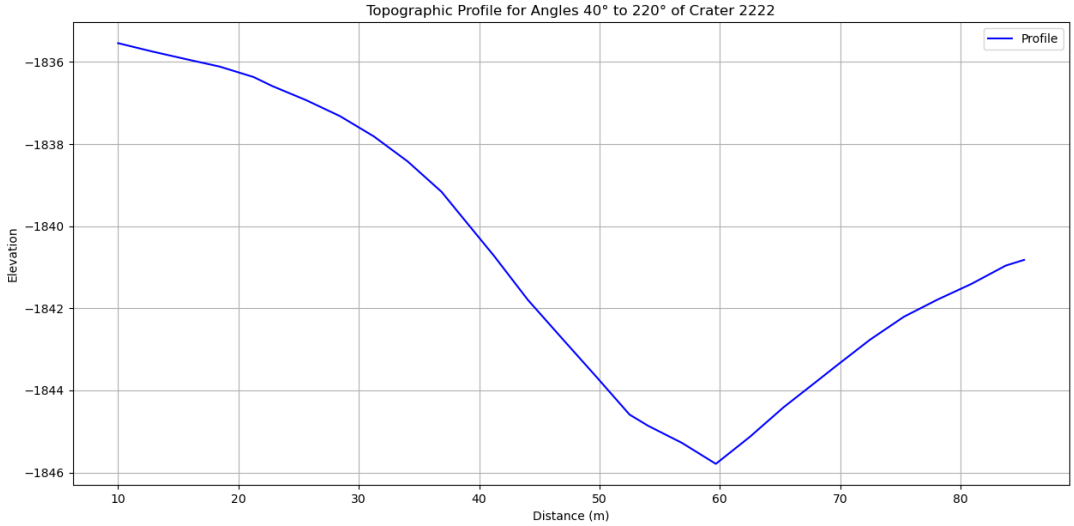
70
80
90
Distance (m)


Topographic Profile for Angles 40° to 220° of Crater 2222
Profile
Elevation
−1836
−1838
−1840
−1842
−1844
−1846
10
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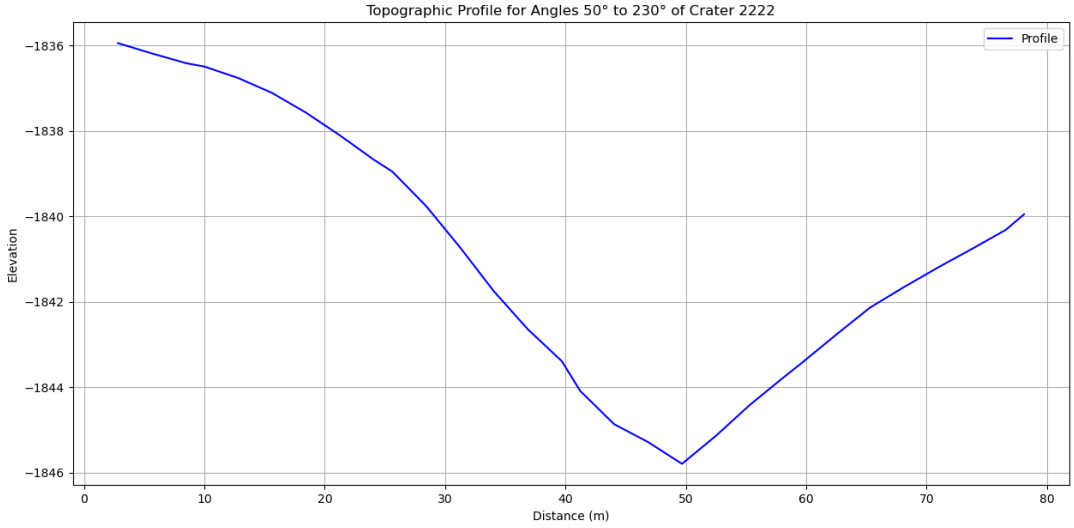
50
60
70
80
Distance (m)


Topographic Profile for Angles 50° to 230° of Crater 2222
Profile
Elevation
Distance (m)
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−1838
−1840
−1842
−1844
−1846
0
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70
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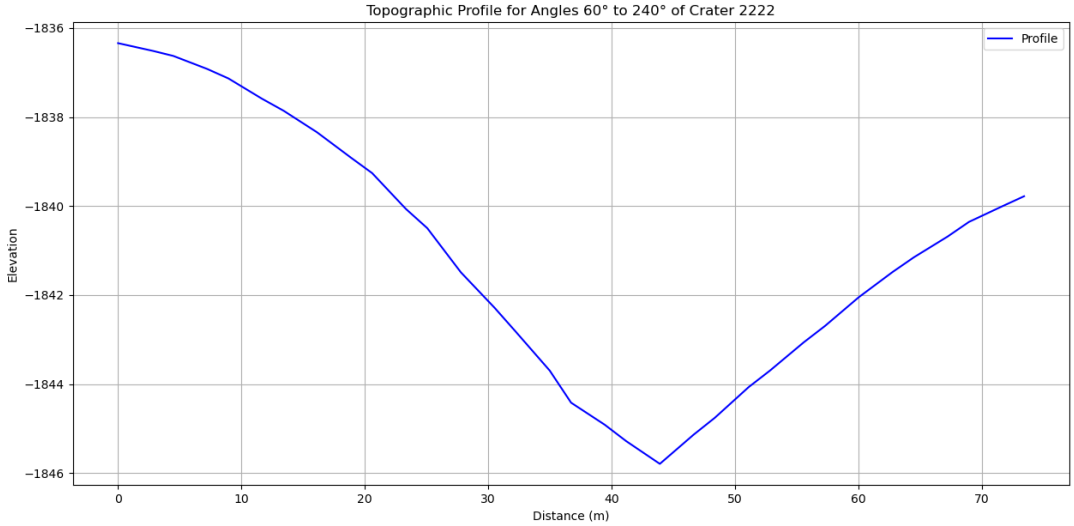
Topographic Profile for Angles 60° to 240° of Crater 2222
Profile
Elevation
Distance (m)
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−1838
−1840
−1842
−1844
−1846
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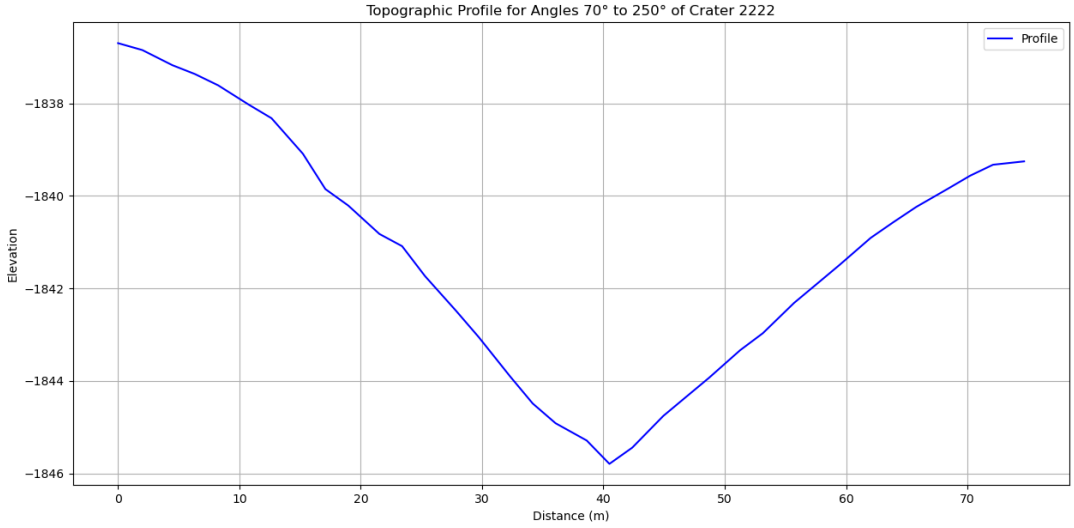
60
70


Topographic Profile for Angles 70° to 250° of Crater 2222
Profile
Elevation
−1838
−1840
−1842
−1844
−1846
0
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60
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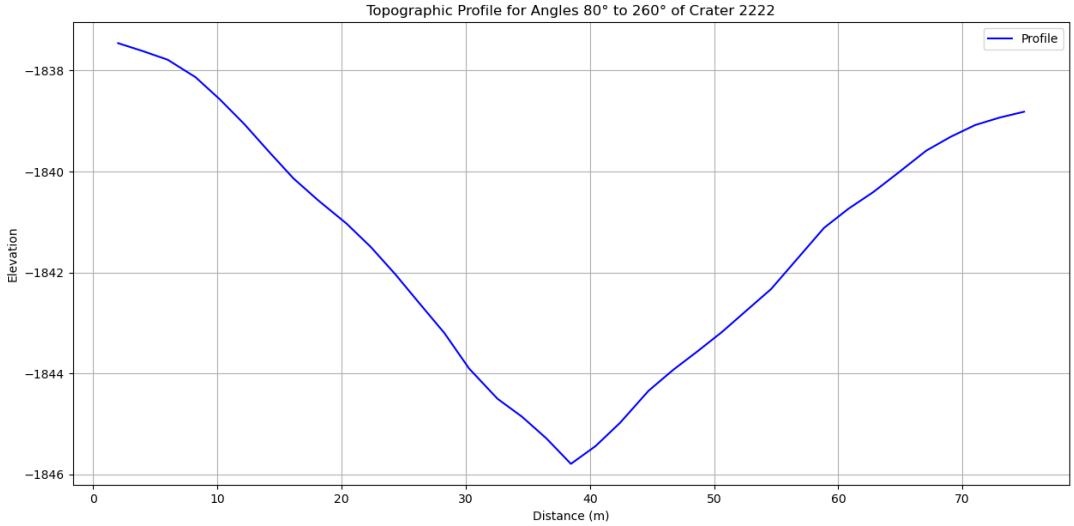
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 2222
Profile
Elevation
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−1840
−1842
−1844
−1846
0
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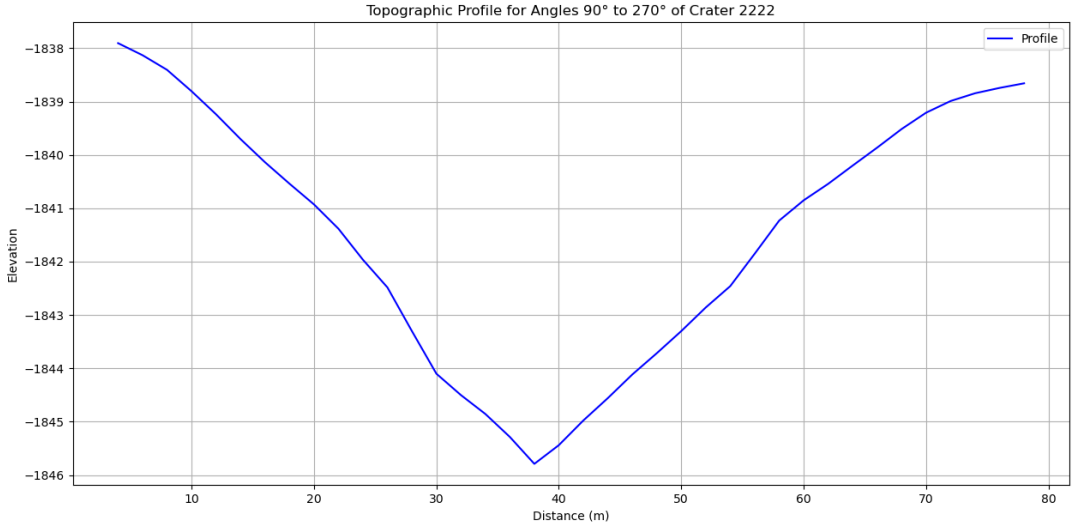
60
70
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 2222
Profile
Elevation
Distance (m)
−1838
−1839
−1840
−1841
−1842
−1843
−1844
−1845
−1846
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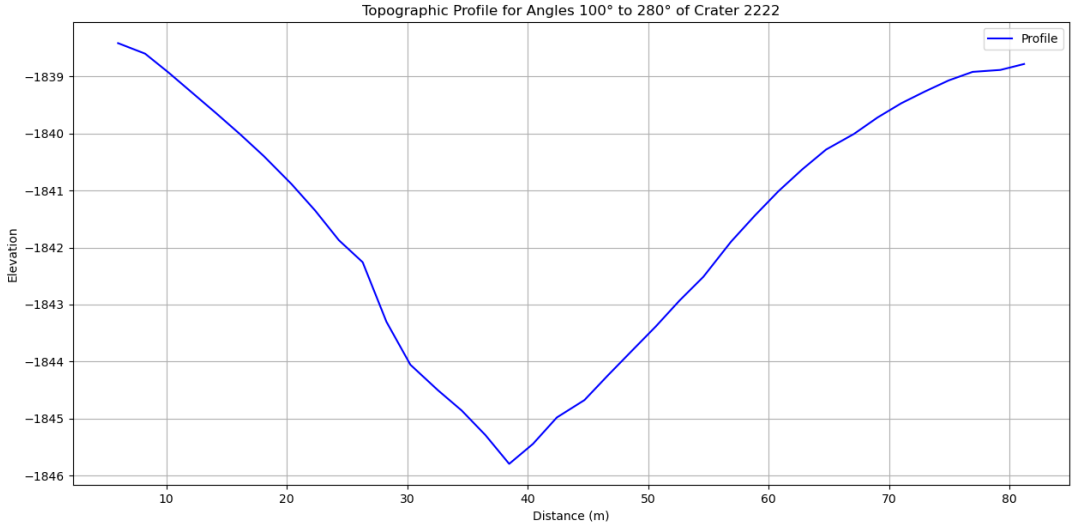
Topographic Profile for Angles 100° to 280° of Crater 2222
Profile
Elevation
Distance (m)
−1839
−1840
−1841
−1842
−1843
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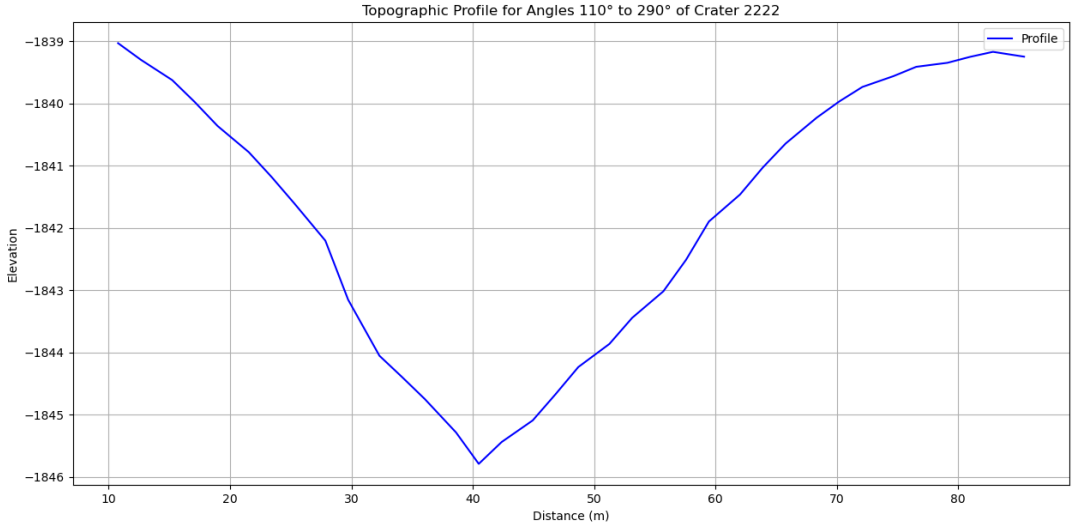
Topographic Profile for Angles 110° to 290° of Crater 2222
Profile
Elevation
Distance (m)
−1839
−1840
−1841
−1842
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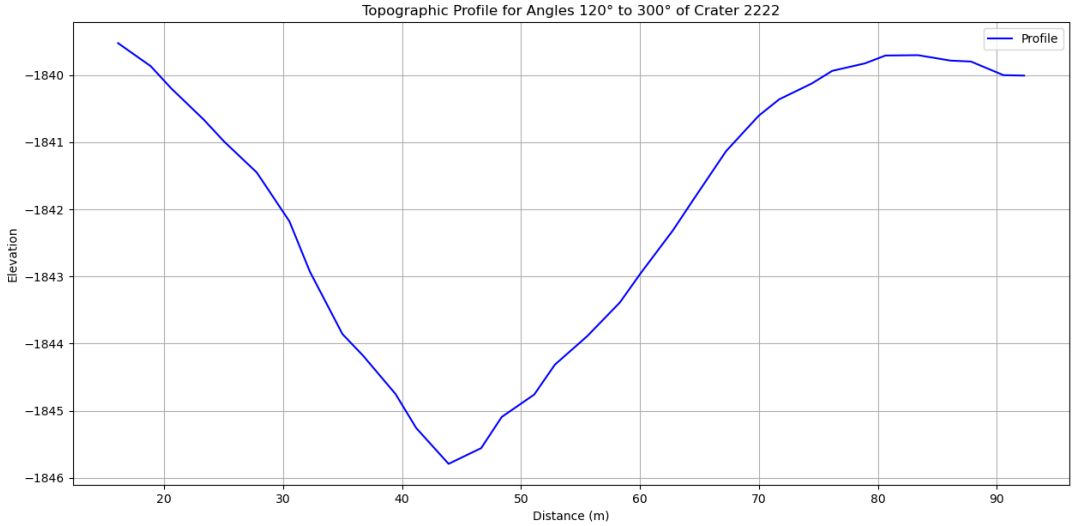
Topographic Profile for Angles 120° to 300° of Crater 2222
Profile
Elevation
Distance (m)
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−1841
−1842
−1843
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−1846
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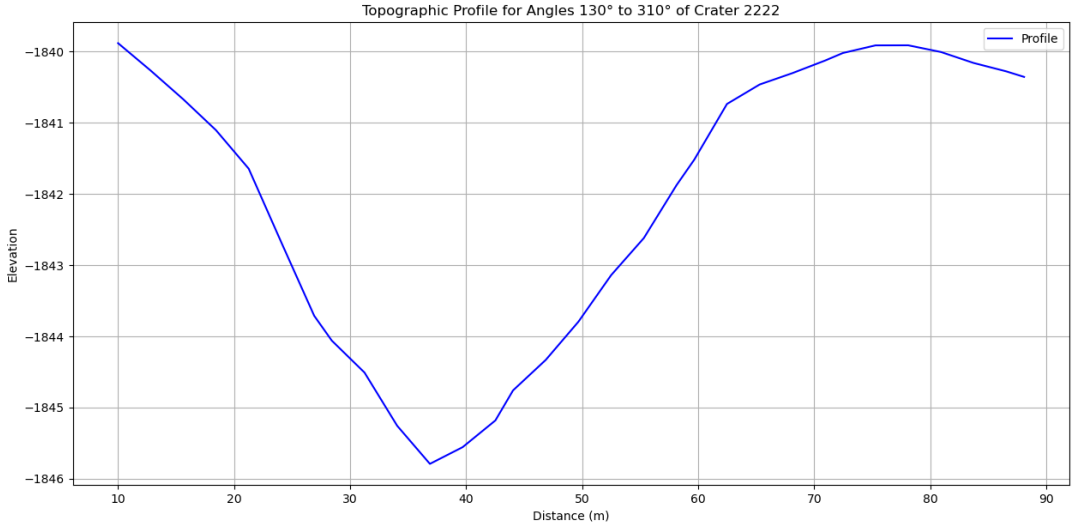
Topographic Profile for Angles 130° to 310° of Crater 2222
Profile
Elevation
Distance (m)
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−1841
−1842
−1843
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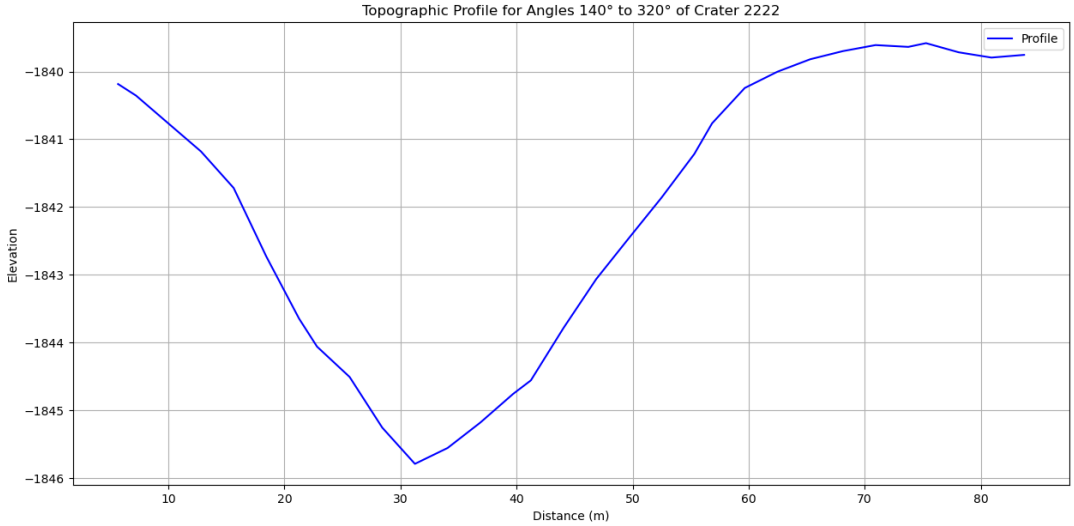
Topographic Profile for Angles 140° to 320° of Crater 2222
Profile
Elevation
Distance (m)
−1840
−1841
−1842
−1843
−1844
−1845
−1846
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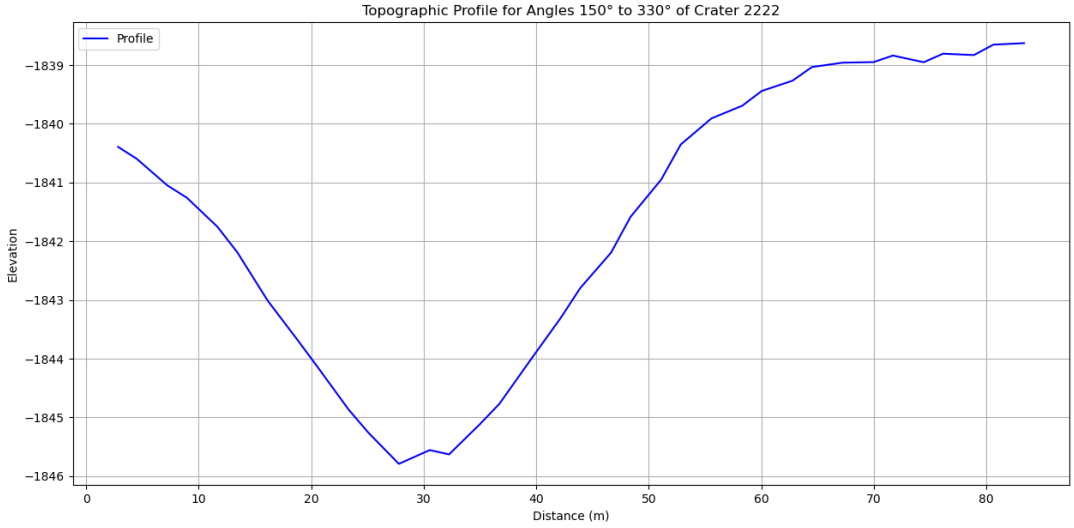
Topographic Profile for Angles 150° to 330° of Crater 2222
Profile
Elevation
Distance (m)
−1839
−1840
−1841
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−1843
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−1846
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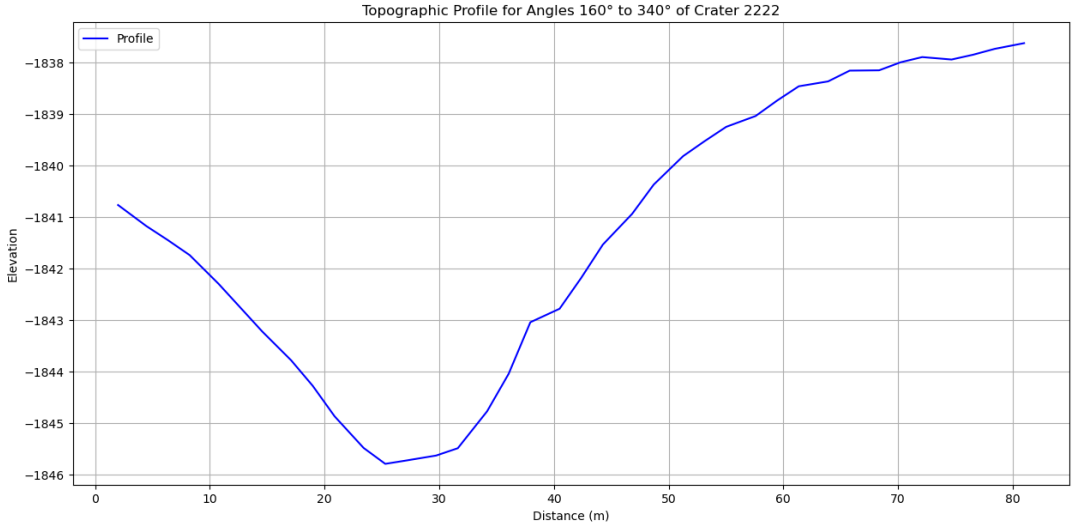
Topographic Profile for Angles 160° to 340° of Crater 2222
Profile
Elevation
Distance (m)
−1838
−1839
−1840
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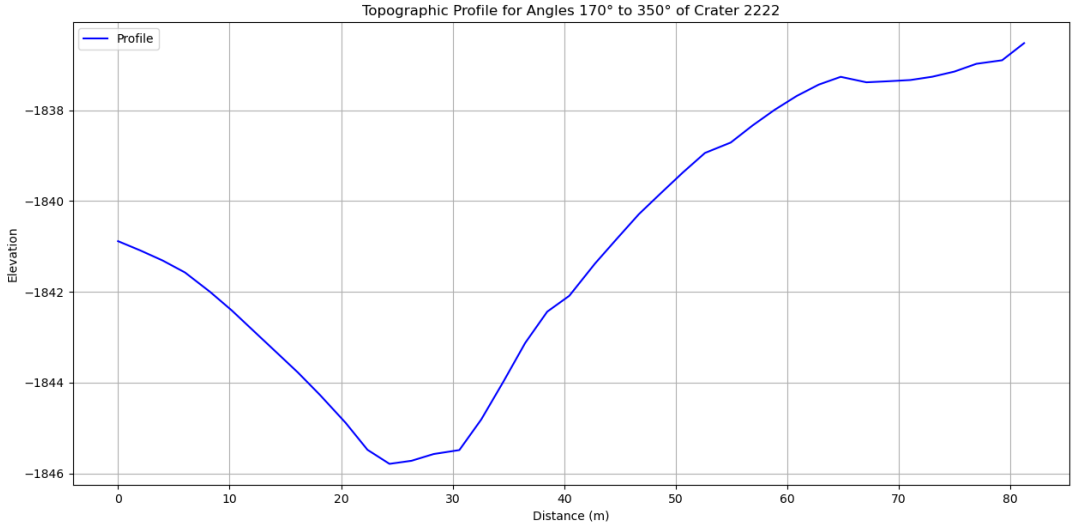
Topographic Profile for Angles 170° to 350° of Crater 2222
Profile
Elevation
−1838
−1840
−1842
−1844
−1846
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50
60
70
80
Distance (m)