Crater report 3074 of RG2

General information

ID : 3074

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 144m ± 8.0m

Mean depht : 6.5m ± 0.3m

d/D ratio : 0.045 ± 0.003

Circularity index : 0.91

Slope : Between 4.61° et 8.56°

Mean value of TRI on the rim crest : 0.15

Geometric center coordinates : (3656221.904351347, 212100.55115867843)

Coordinates of the crater's lowest point : (3656223.0000011004, 212103.00000006252)

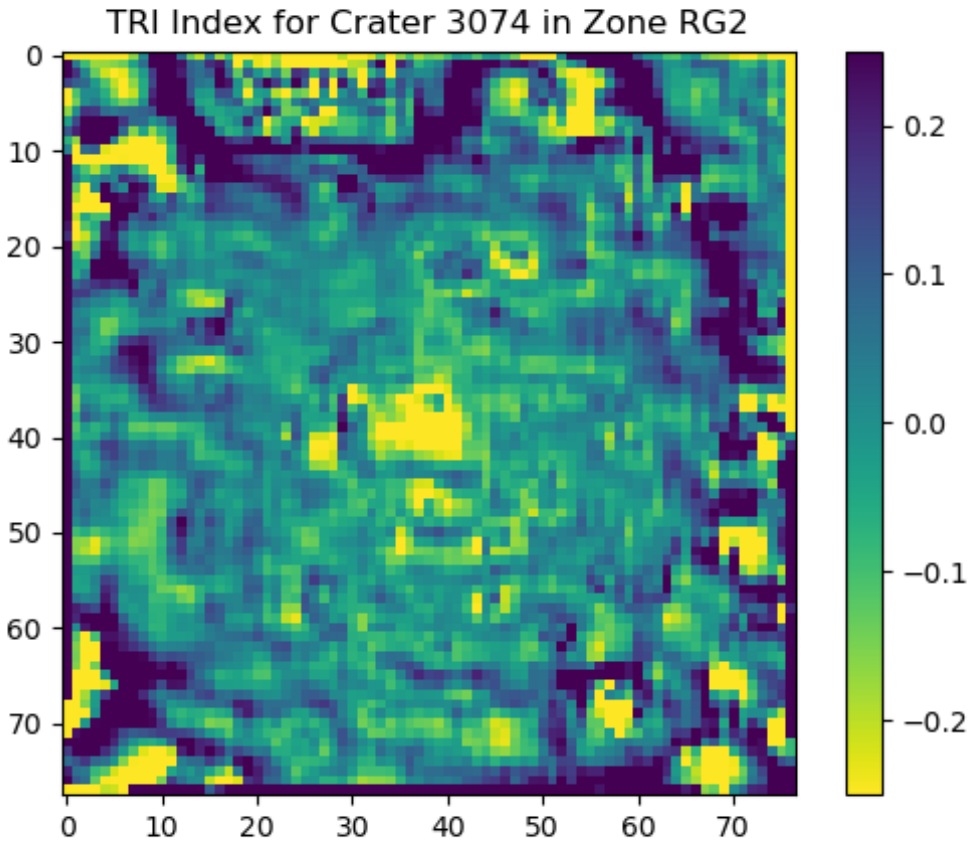
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	8.56	0.57
10°	7.65	0.54
20°	6.75	0.52
30°	6.29	0.48
40°	6.44	0.43
50°	6.39	0.44
60°	6.7	0.48
70°	6.65	0.52
80°	6.61	0.54
90°	6.3	0.57
100°	5.88	0.54
110°	5.5	0.52

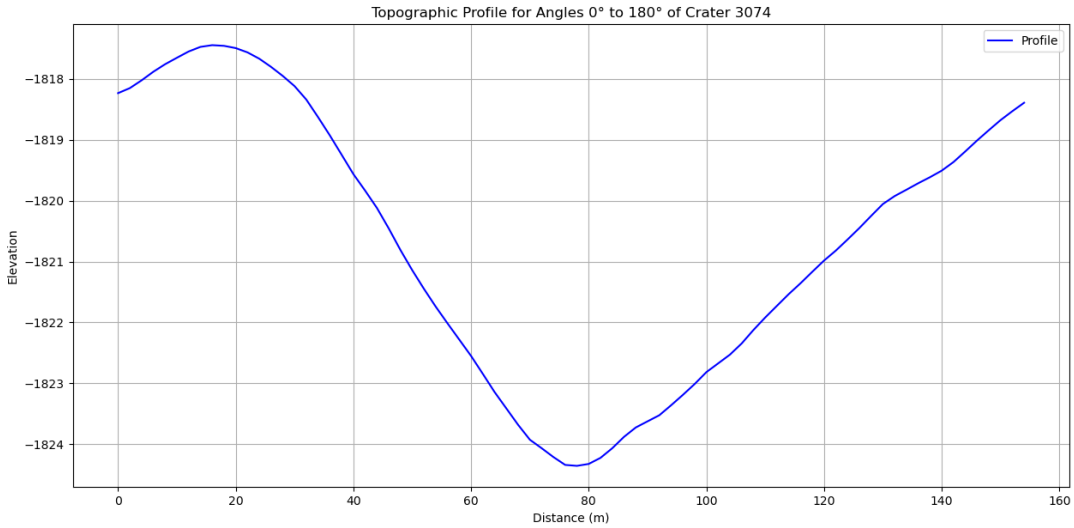
120°	5.24	0.48
130°	5.31	0.43
140°	4.95	0.43
150°	4.76	0.47
160°	4.61	0.52
170°	4.91	0.54
180°	5.18	0.57
190°	4.92	0.55
200°	4.98	0.51
210°	5.3	0.48
220°	5.93	0.43
230°	6.21	0.43
240°	6.48	0.48
250°	7.05	0.52
260°	7.44	0.54
270°	8.22	0.57
280°	7.99	0.54
290°	7.83	0.52
300°	7.97	0.47
310°	7.89	0.43
320°	7.59	0.43
330°	7.57	0.49
340°	8.11	0.52
350°	8.3	0.54

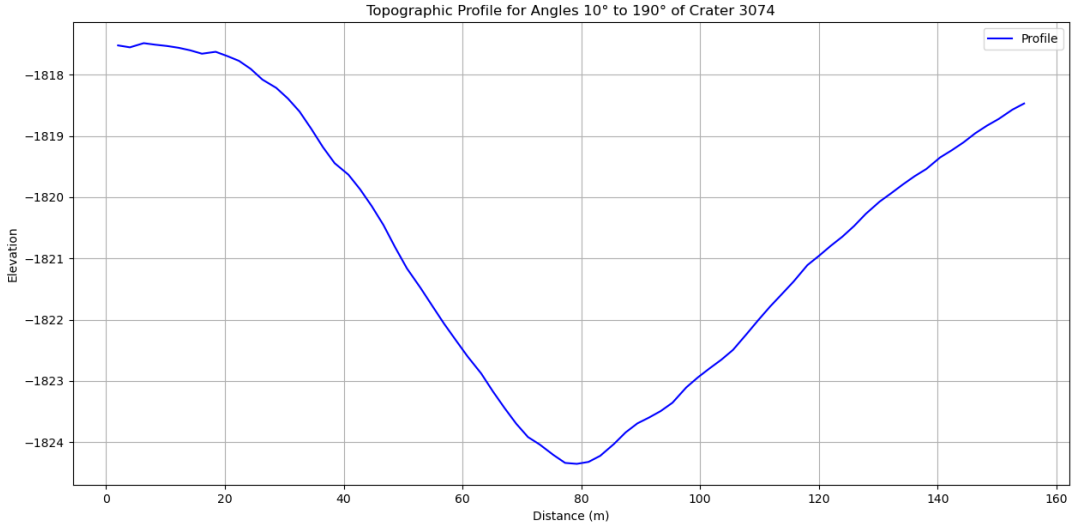
Topographic roughness index (TRI)

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 3074
Profile
Elevation
−1818
−1819
−1820
−1821
−1822
−1823
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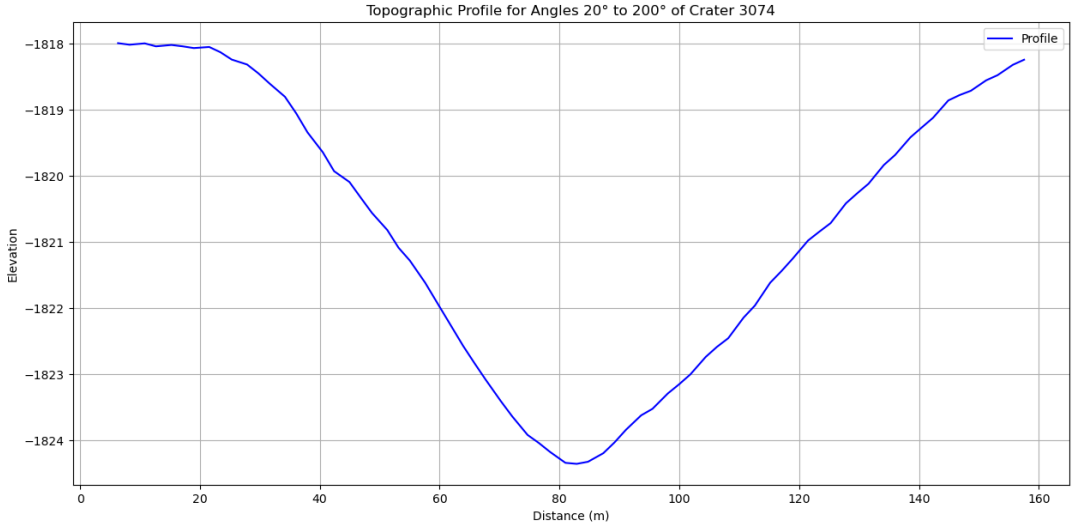
140
160
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 3074
Profile
Elevation
−1818
−1819
−1820
−1821
−1822
−1823
−1824
0
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40
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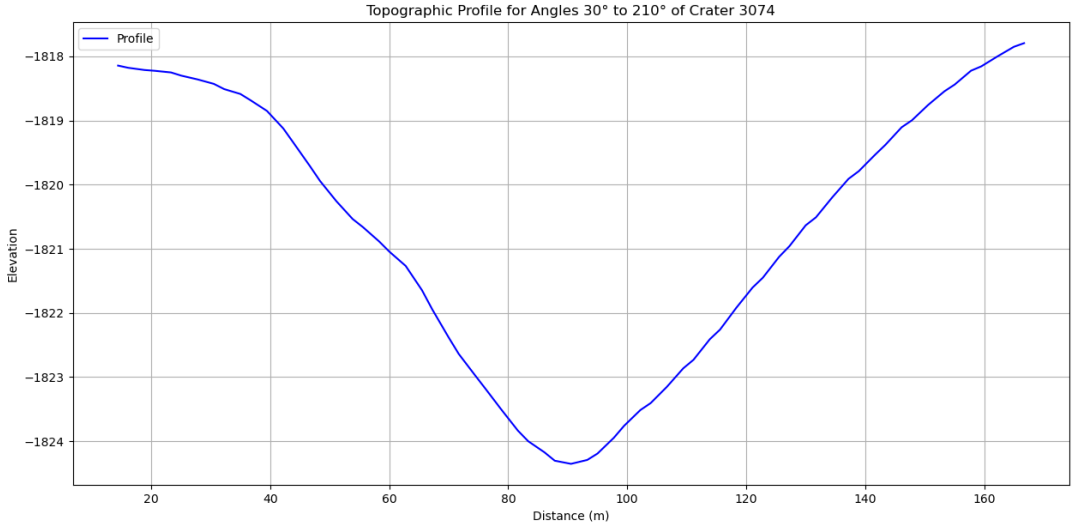
80
100
120
140
160
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 3074
Profile
Elevation
Distance (m)
−1818
−1819
−1820
−1821
−1822
−1823
−1824
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140
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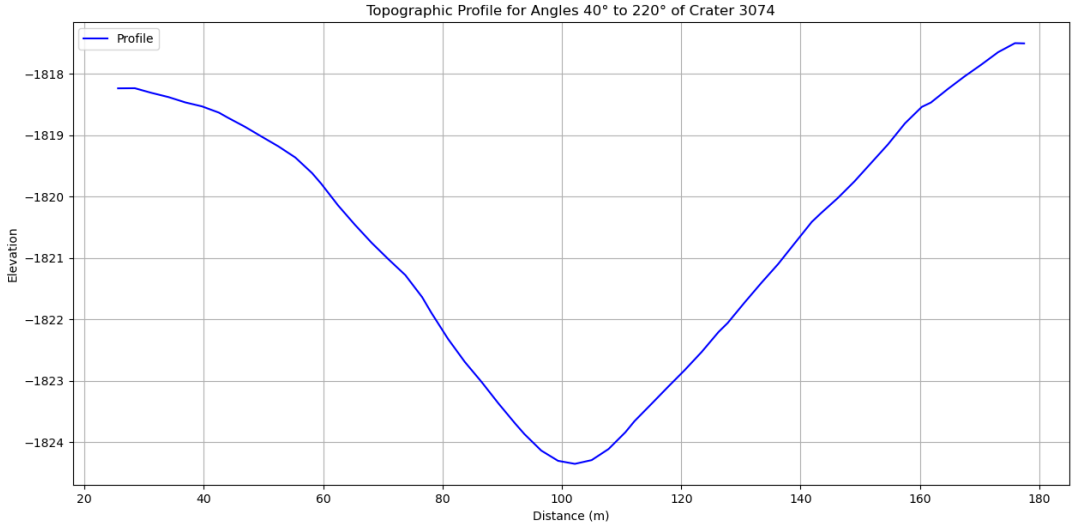
Topographic Profile for Angles 40° to 220° of Crater 3074
Profile
Elevation
Distance (m)
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−1819
−1820
−1821
−1822
−1823
−1824
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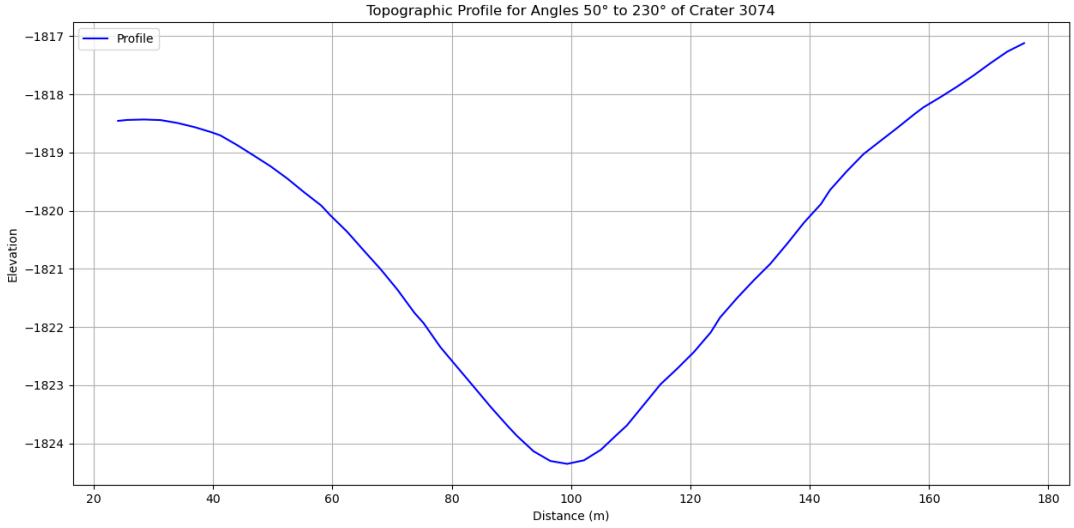
180


Topographic Profile for Angles 50° to 230° of Crater 3074
Profile
Elevation
Distance (m)
−1817
−1818
−1819
−1820
−1821
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−1823
−1824
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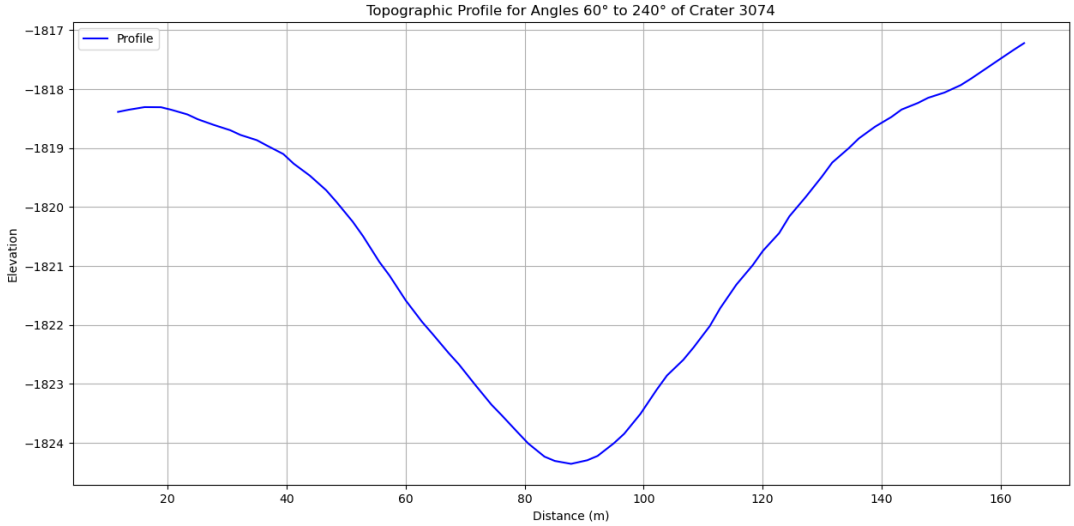
Topographic Profile for Angles 60° to 240° of Crater 3074
Profile
Elevation
Distance (m)
−1817
−1818
−1819
−1820
−1821
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−1823
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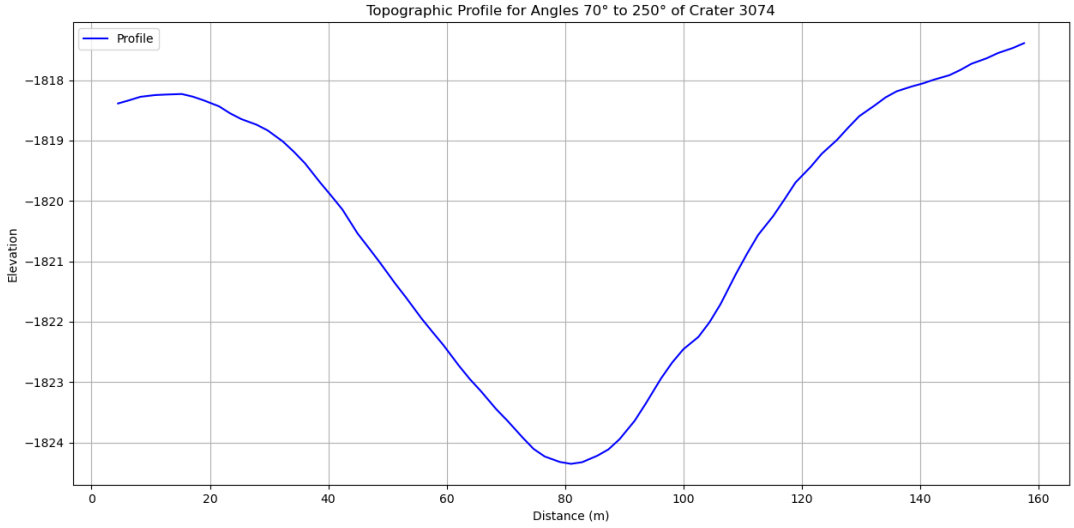
Topographic Profile for Angles 70° to 250° of Crater 3074
Profile
Elevation
Distance (m)
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−1819
−1820
−1821
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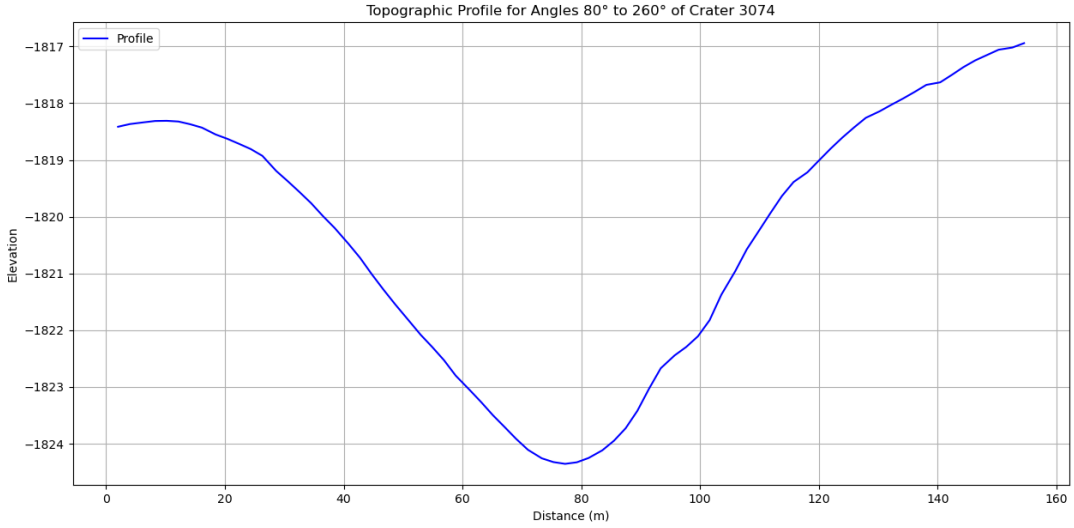
Topographic Profile for Angles 80° to 260° of Crater 3074
Profile
Elevation
Distance (m)
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−1818
−1819
−1820
−1821
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−1824
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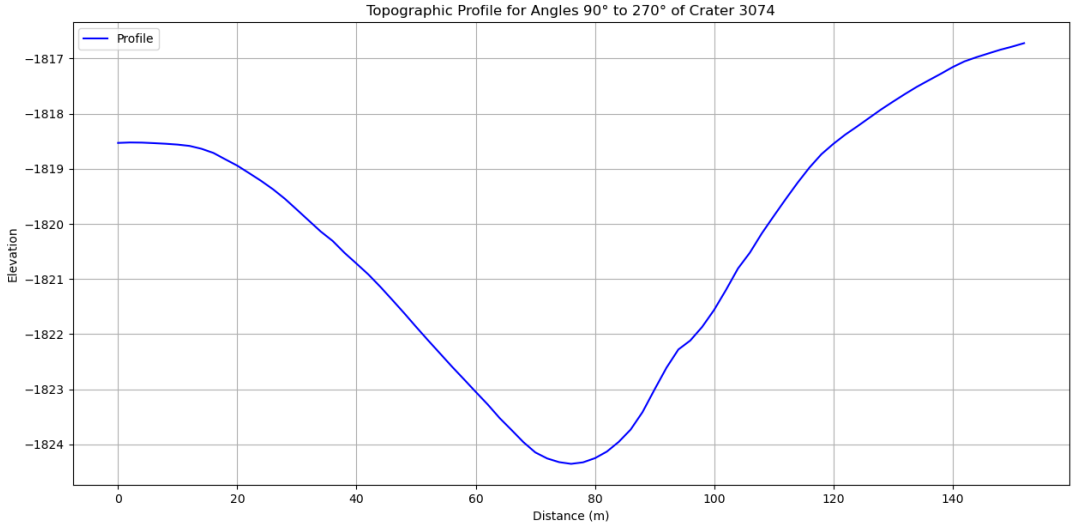
Topographic Profile for Angles 90° to 270° of Crater 3074
Profile
Elevation
Distance (m)
−1817
−1818
−1819
−1820
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−1822
−1823
−1824
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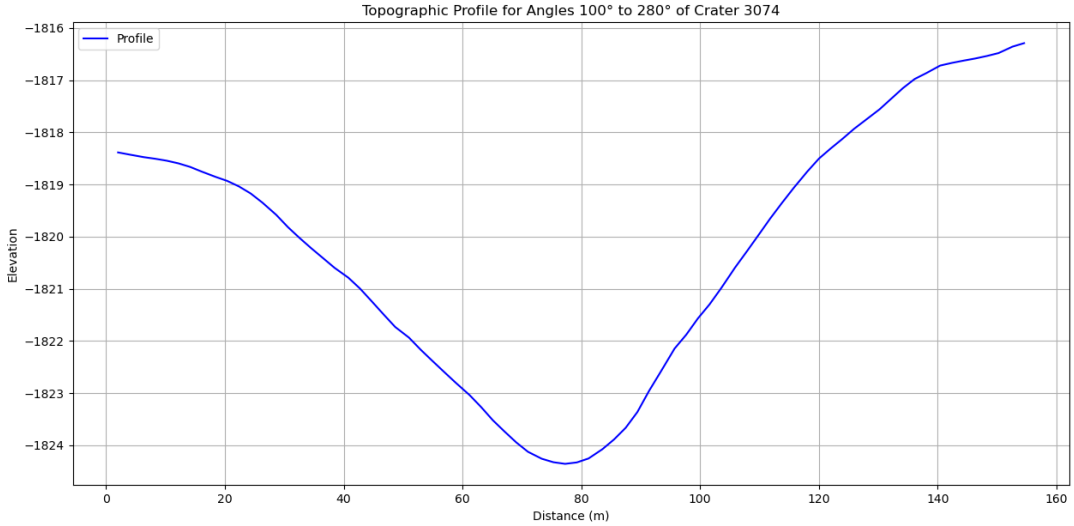
Topographic Profile for Angles 100° to 280° of Crater 3074
Profile
Elevation
Distance (m)
−1816
−1817
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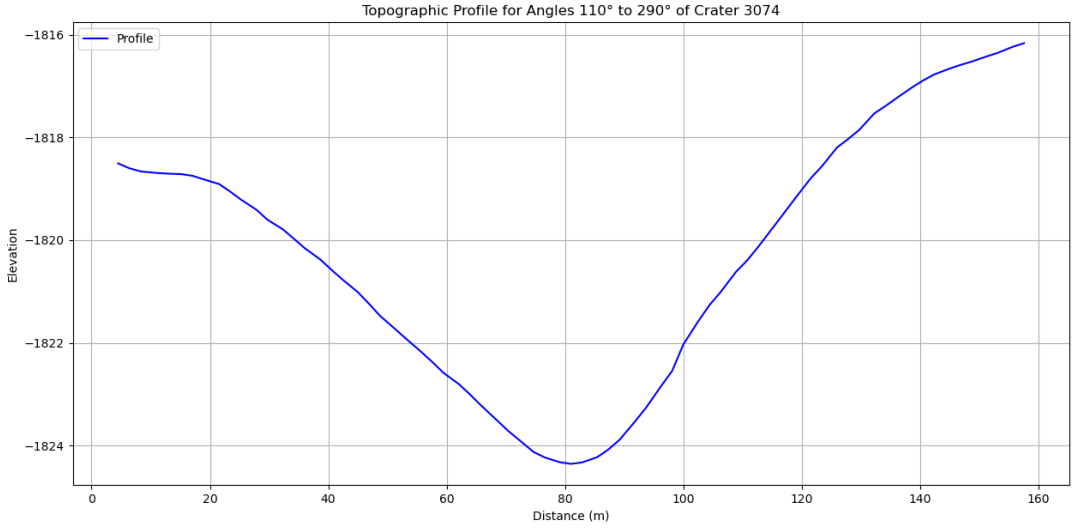
Topographic Profile for Angles 110° to 290° of Crater 3074
Profile
Elevation
Distance (m)
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−1818
−1820
−1822
−1824
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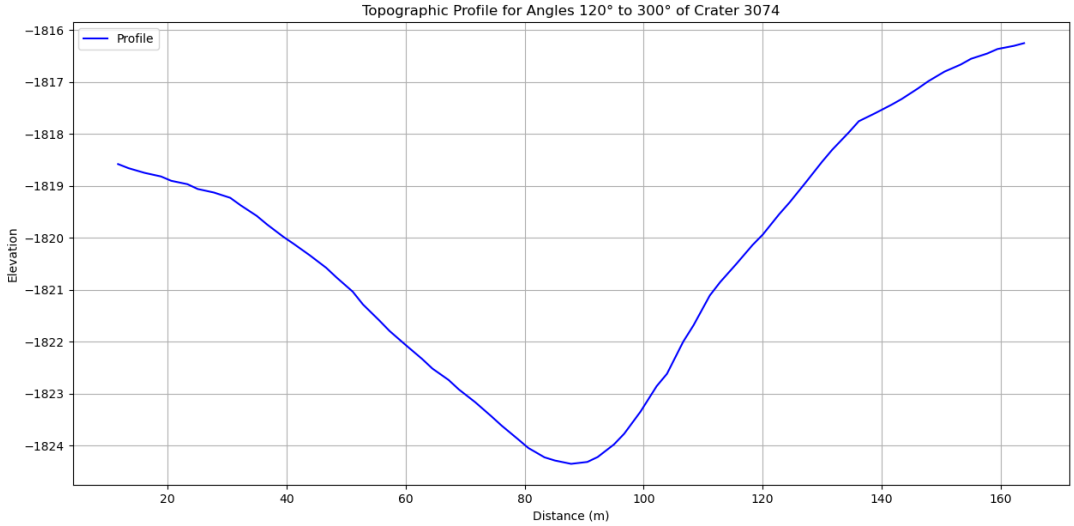
Topographic Profile for Angles 120° to 300° of Crater 3074
Profile
Elevation
Distance (m)
−1816
−1817
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−1819
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−1822
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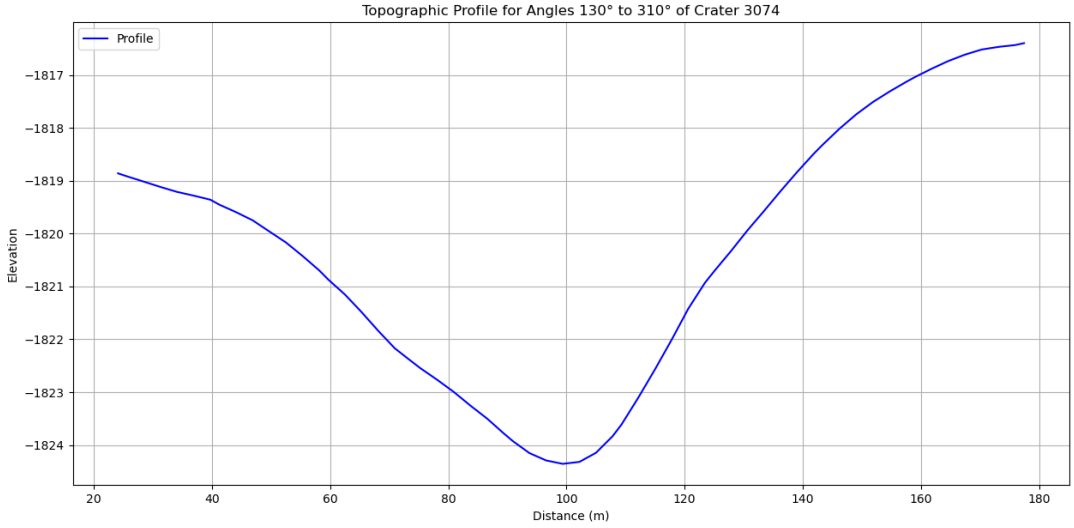
Topographic Profile for Angles 130° to 310° of Crater 3074
Profile
Elevation
Distance (m)
−1817
−1818
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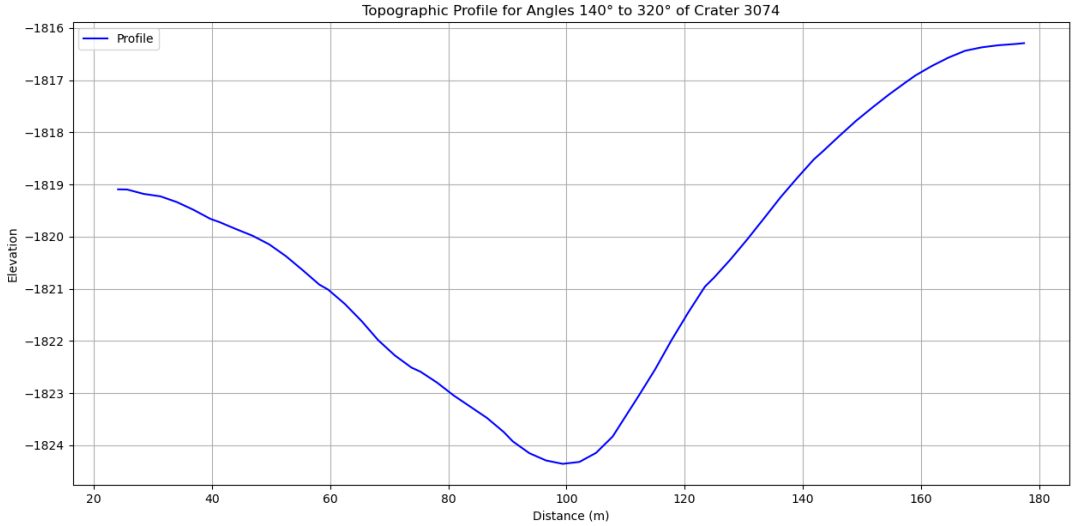
Topographic Profile for Angles 140° to 320° of Crater 3074
Profile
Elevation
Distance (m)
−1816
−1817
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−1822
−1823
−1824
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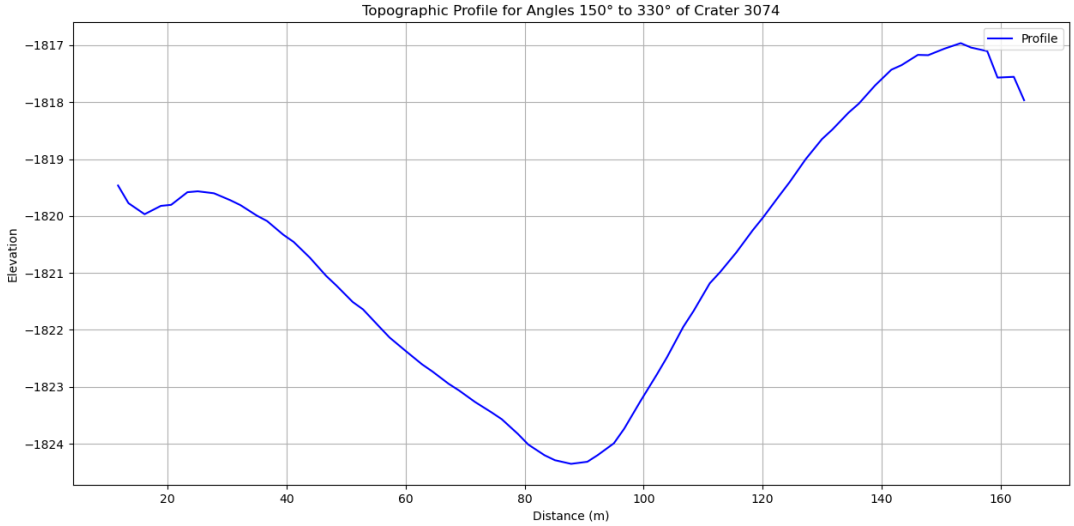
Topographic Profile for Angles 150° to 330° of Crater 3074
Profile
Elevation
Distance (m)
−1817
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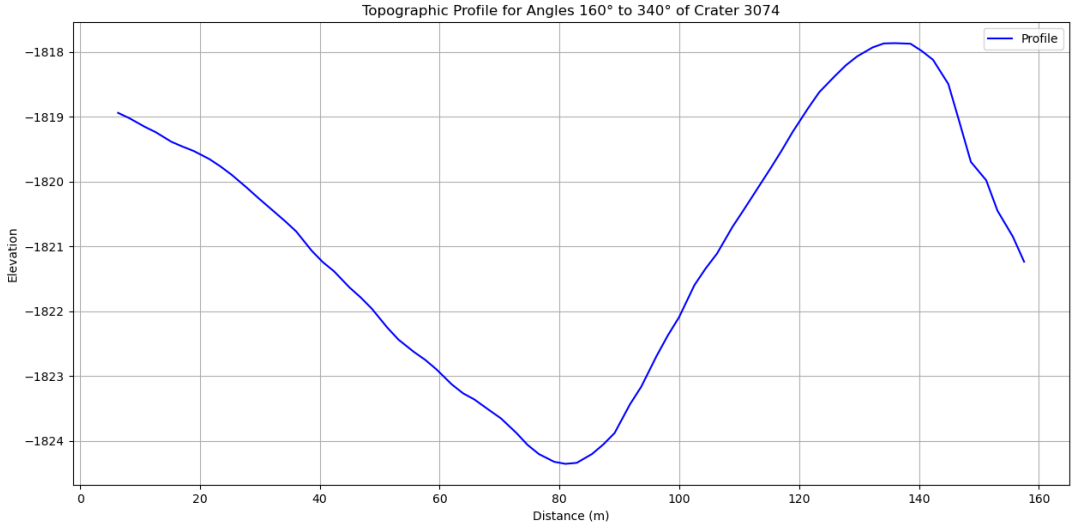
Topographic Profile for Angles 160° to 340° of Crater 3074
Profile
Elevation
Distance (m)
−1818
−1819
−1820
−1821
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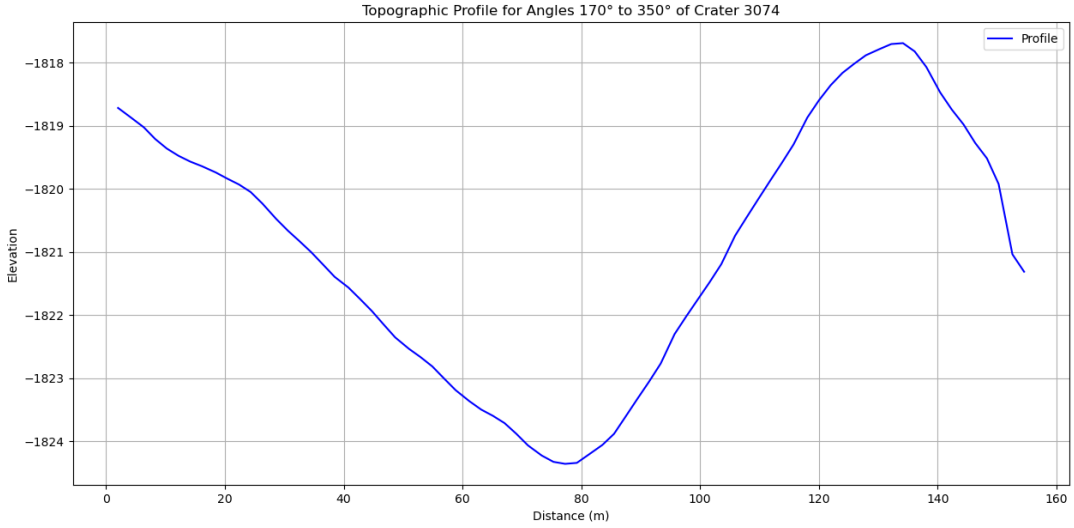
Topographic Profile for Angles 170° to 350° of Crater 3074
Profile
Elevation
−1818
−1819
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−1822
−1823
−1824
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80
100
120
140
160
Distance (m)