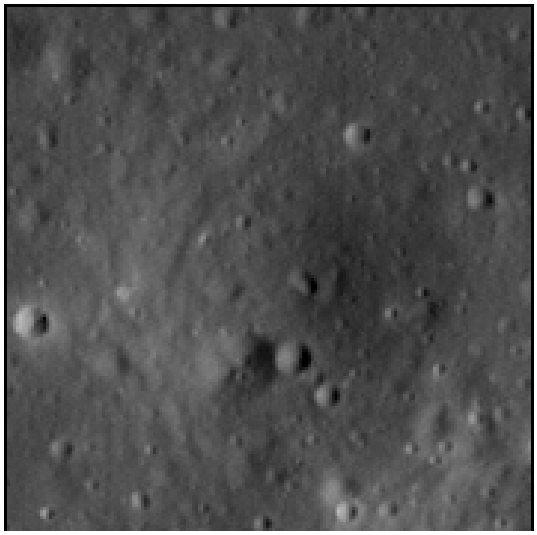
Crater report 3067 of RG2

General information



ID : 3067

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 90m ± 5.0m

Mean depht : 2.8m ± 0.3m

d/D ratio : 0.031 ± 0.003

Circularity index : 0.9

Mean slope : 3.94°

Mean value of TRI on the rim crest : 0.40

Geometric center coordinates : (3656030.4137144145, 211532.80791740885)

Coordinates of the crater's lowest point : (3656041.0000011004, 211529.0000000623)

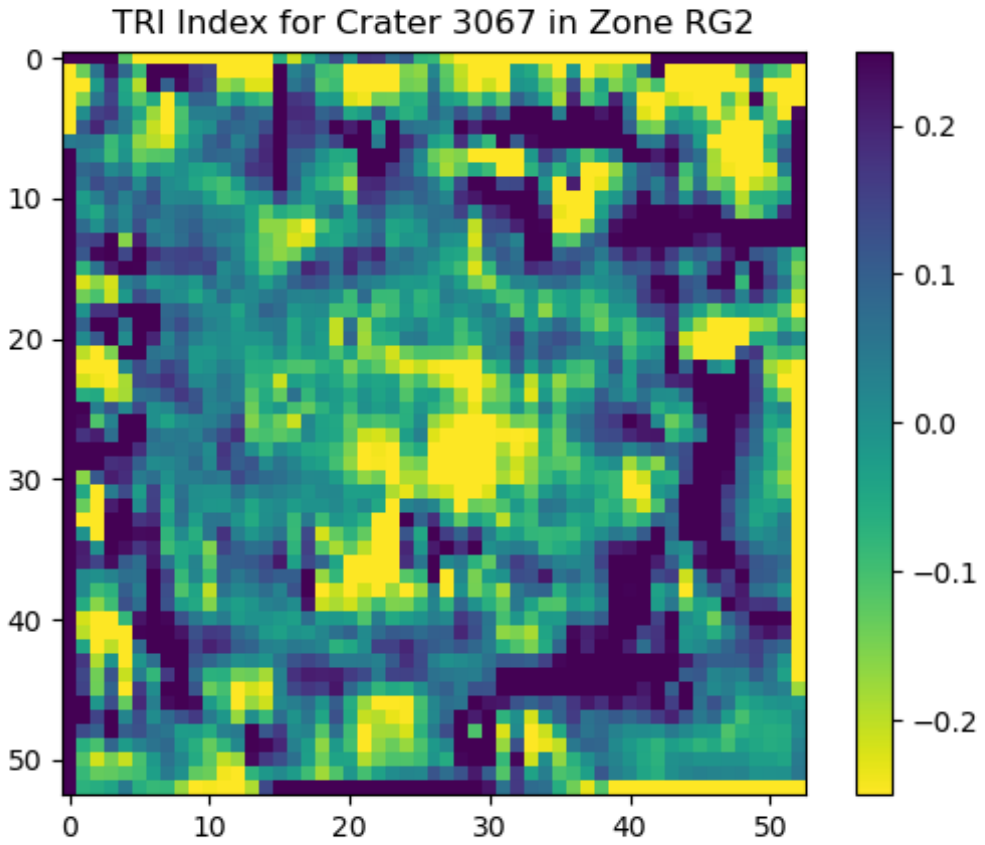
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	3.58	0.57
10°	3.58	0.55
20°	3.54	0.52
30°	3.56	0.48
40°	3.6	0.44
50°	3.6	0.44
60°	3.69	0.48
70°	4.07	0.52
80°	4.15	0.54
90°	4.15	0.57
100°	3.64	0.55
110°	3.58	0.51

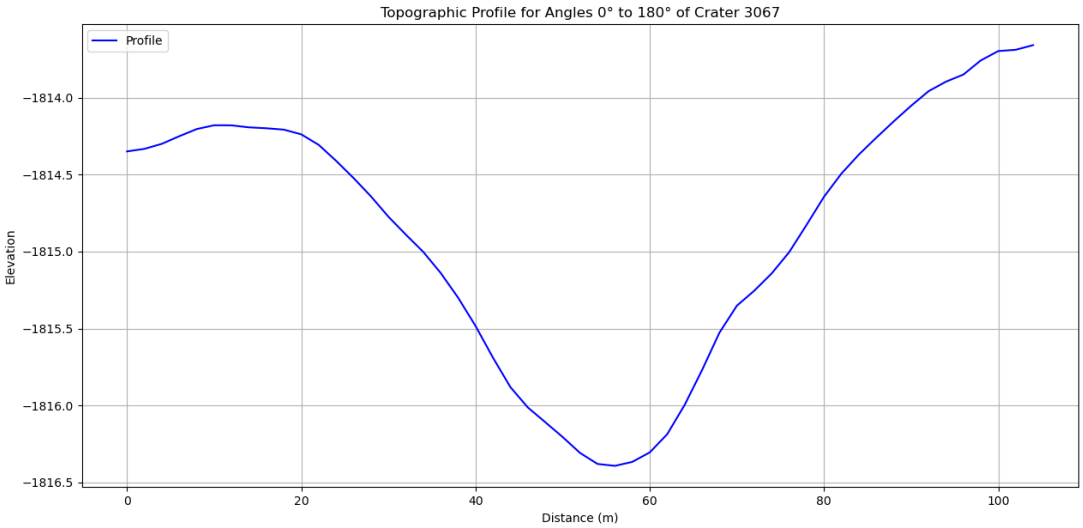
120°	3.87	0.48
130°	4.3	0.42
140°	4.33	0.42
150°	3.91	0.48
160°	3.89	0.51
170°	3.84	0.55
180°	4.06	0.57
190°	3.9	0.54
200°	3.73	0.51
210°	3.59	0.48
220°	3.87	0.43
230°	4.13	0.44
240°	4.3	0.48
250°	4.51	0.51
260°	4.77	0.55
270°	5.03	0.57
280°	4.7	0.55
290°	4.27	0.51
300°	4.05	0.48
310°	3.77	0.43
320°	3.69	0.43
330°	3.56	0.48
340°	3.47	0.52
350°	3.47	0.54

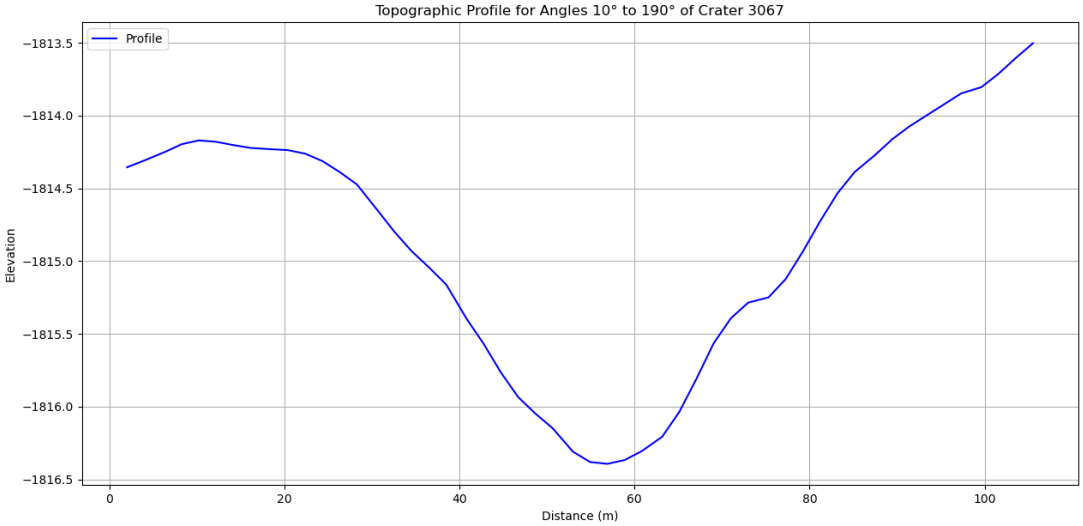
Topographic roughness index (TRI)

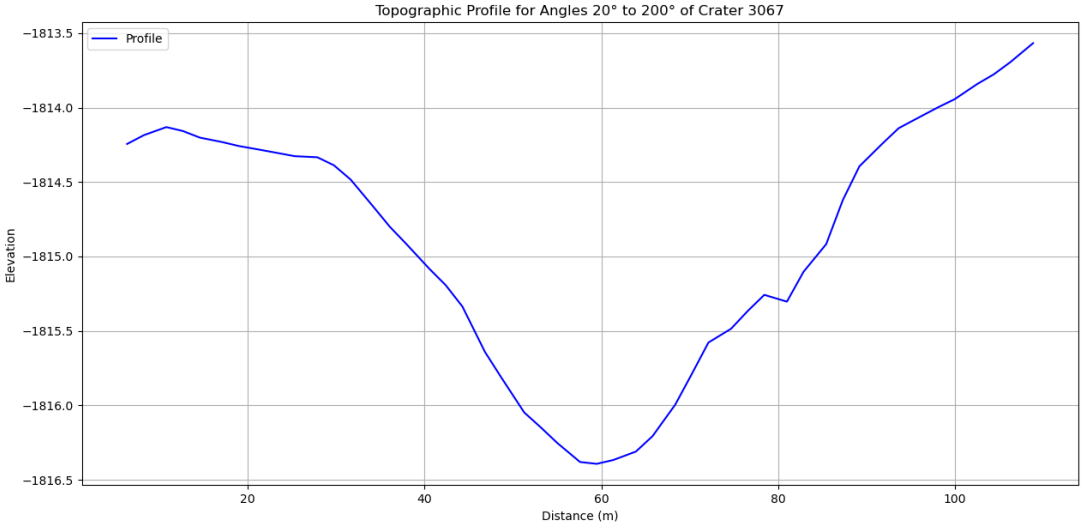
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.



Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 3067
Profile
Elevation
Distance (m)
−1813.5
−1814.0
−1814.5
−1815.0
−1815.5
−1816.0
−1816.5
0
20
40
60
80
100


Topographic Profile for Angles 20° to 200° of Crater 3067
Profile
Elevation
Distance (m)
−1813.5
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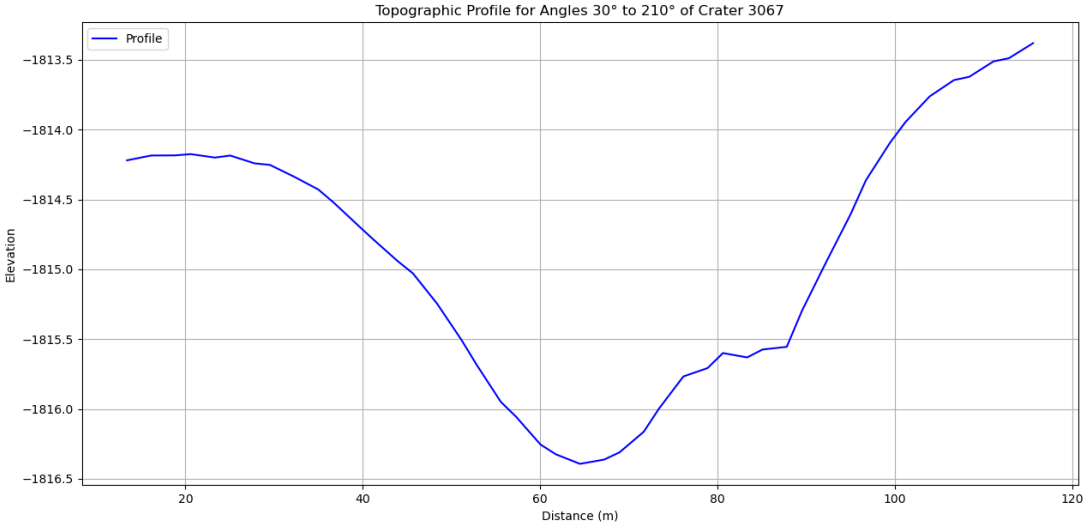
−1815.0
−1815.5
−1816.0
−1816.5
20
40
60
80
100


Topographic Profile for Angles 30° to 210° of Crater 3067
Profile
Elevation
Distance (m)
−1813.5
−1814.0
−1814.5
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−1815.5
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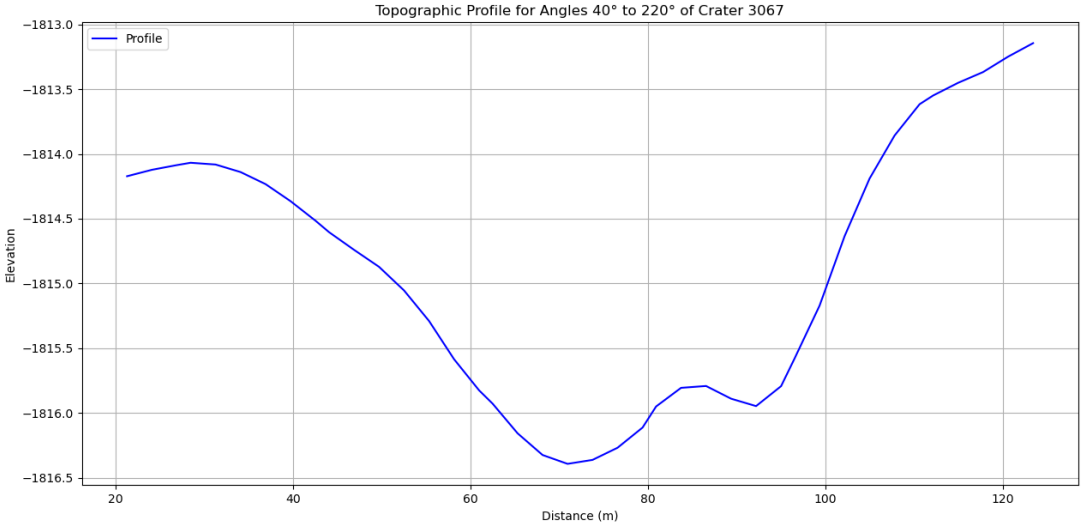
−1816.5
20
40
60
80
100
120


Topographic Profile for Angles 40° to 220° of Crater 3067
Profile
Elevation
Distance (m)
−1813.0
−1813.5
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−1815.0
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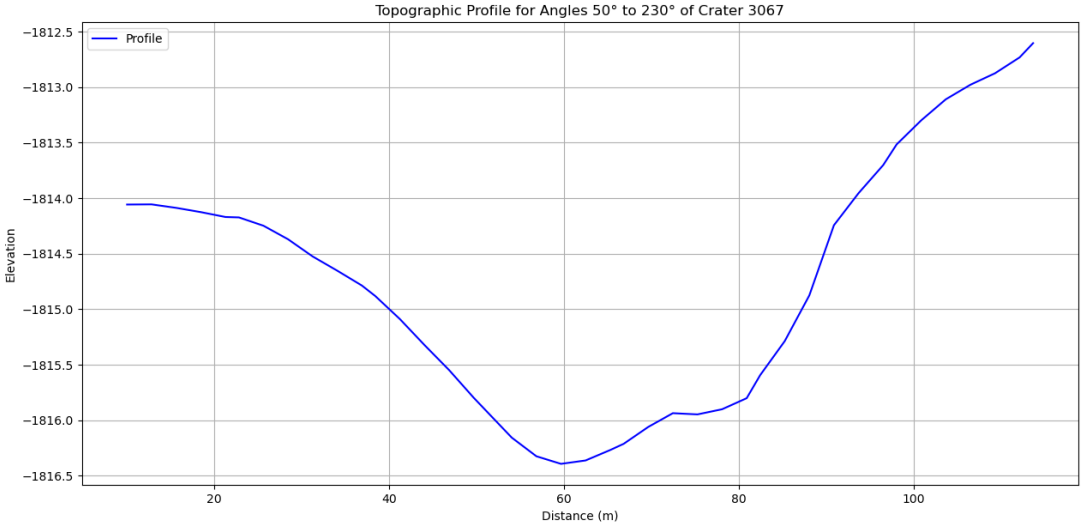
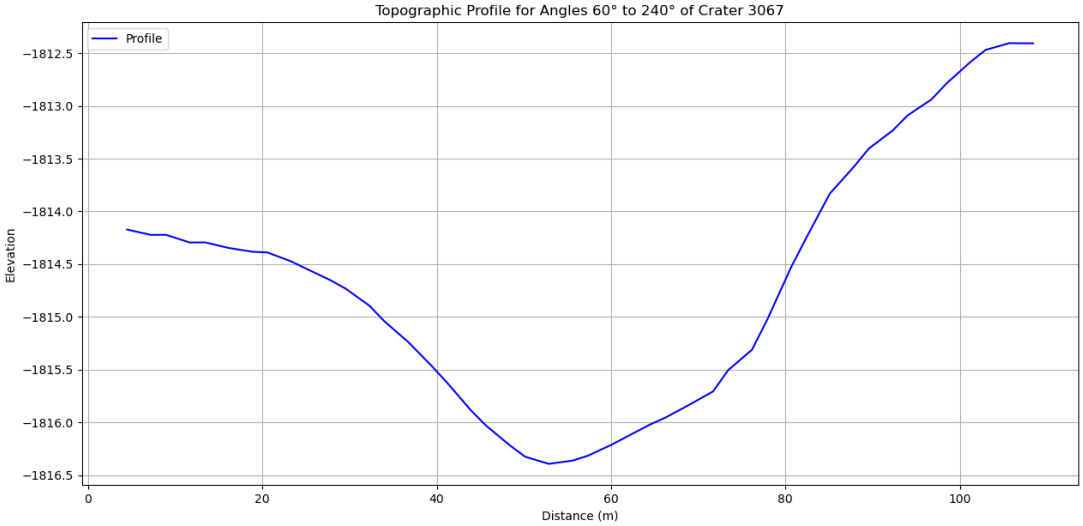
−1816.0
−1816.5
20
40
60
80
100
120


Topographic Profile for Angles 50° to 230° of Crater 3067
Profile
Elevation
Distance (m)
−1812.5
−1813.0
−1813.5
−1814.0
−1814.5
−1815.0
−1815.5
−1816.0
−1816.5
20
40
60
80
100


Topographic Profile for Angles 60° to 240° of Crater 3067
Profile
Elevation
Distance (m)
−1812.5
−1813.0
−1813.5
−1814.0
−1814.5
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−1815.5
−1816.0
−1816.5
0
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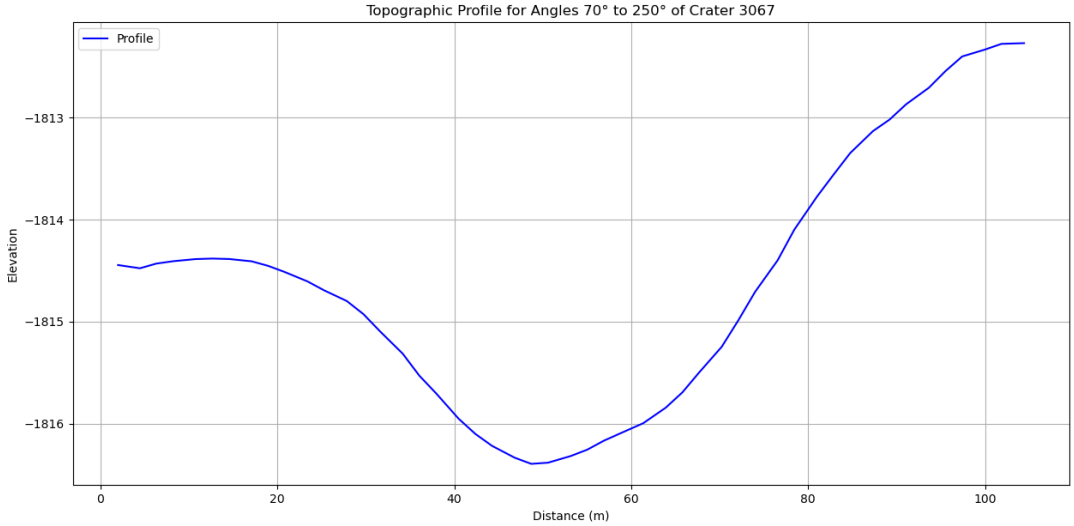
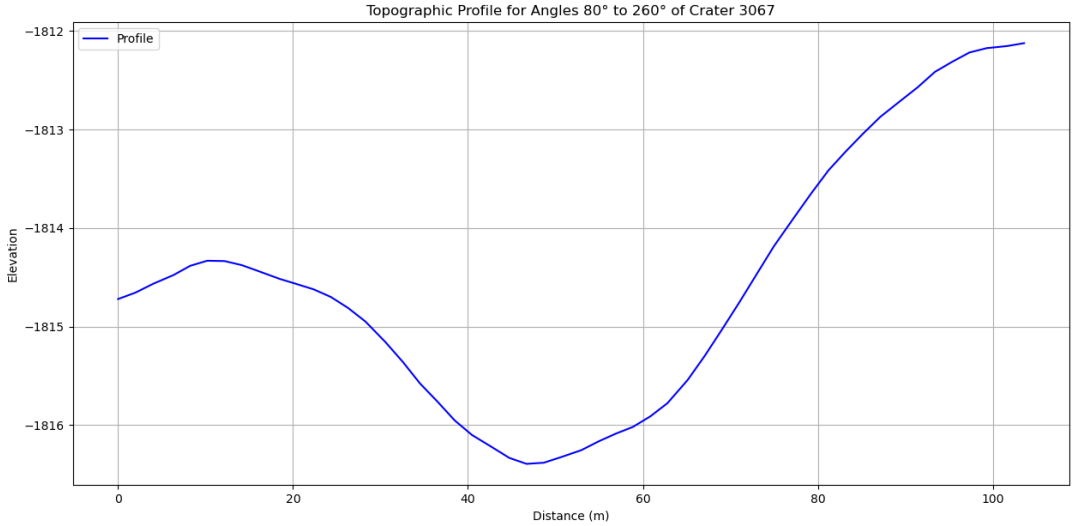
80
100


Topographic Profile for Angles 70° to 250° of Crater 3067
Profile
Elevation
−1813
−1814
−1815
−1816
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 3067
Profile
Elevation
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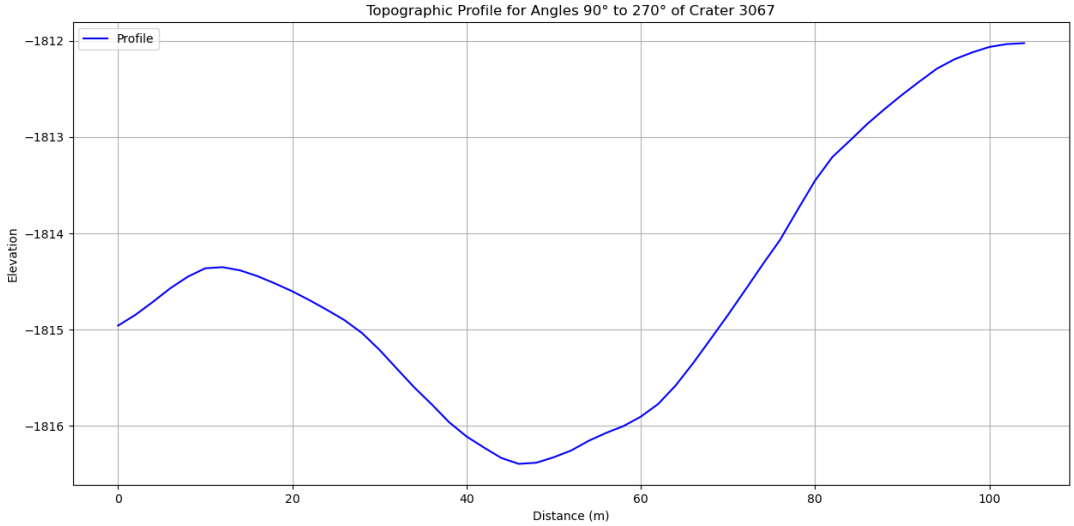
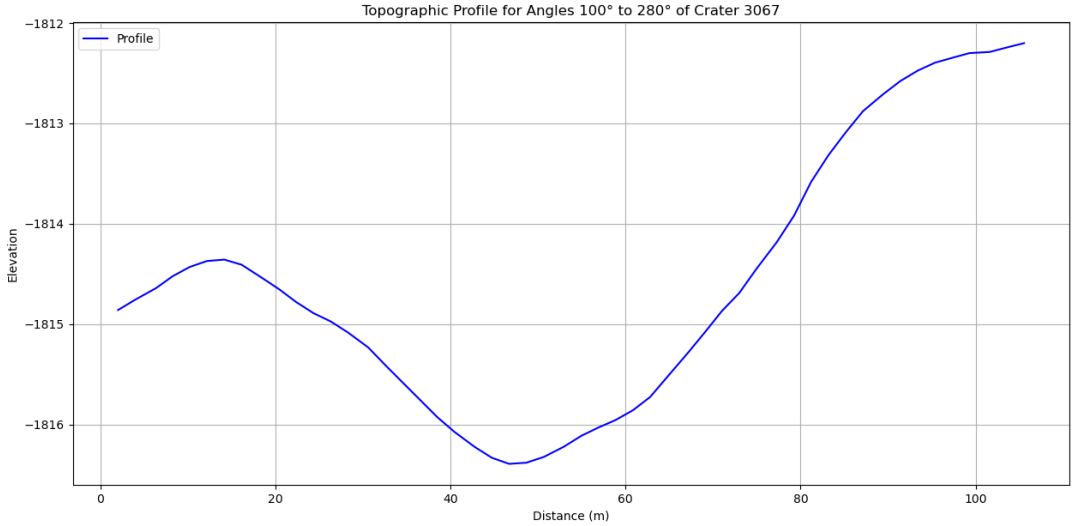
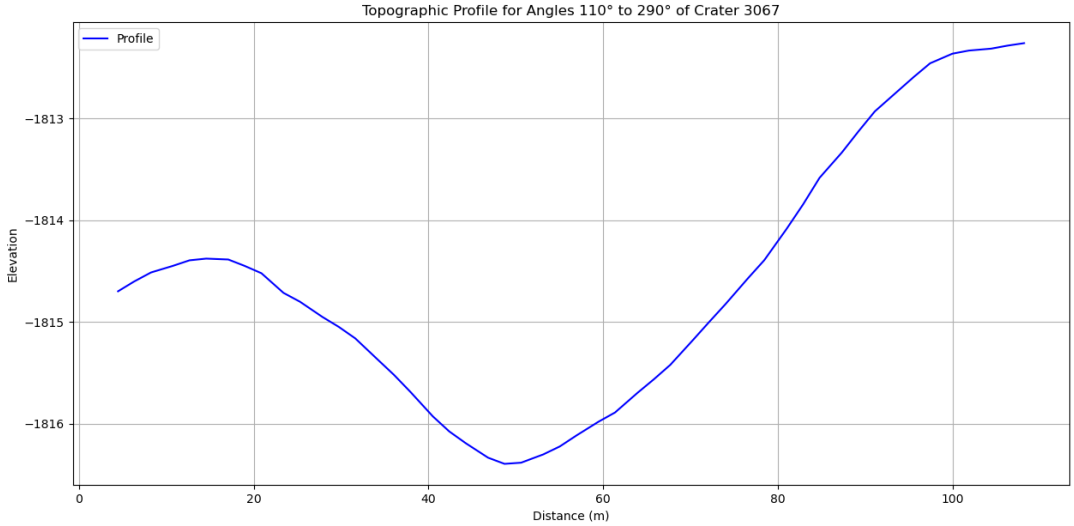
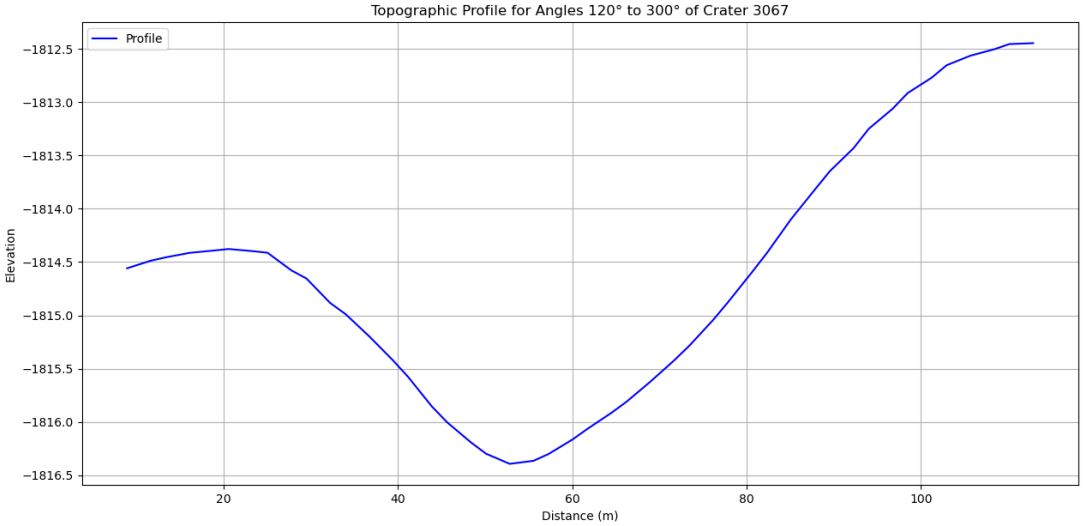
−1813
−1814
−1815
−1816
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 3067
Profile
−1812
−1813
−1814
−1815
−1816
Elevation
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 3067
Profile
−1812
−1813
−1814
−1815
−1816
Elevation
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 3067
Profile
Elevation
−1813
−1814
−1815
−1816
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 120° to 300° of Crater 3067
Profile
Elevation
−1812.5
−1813.0
−1813.5
−1814.0
−1814.5
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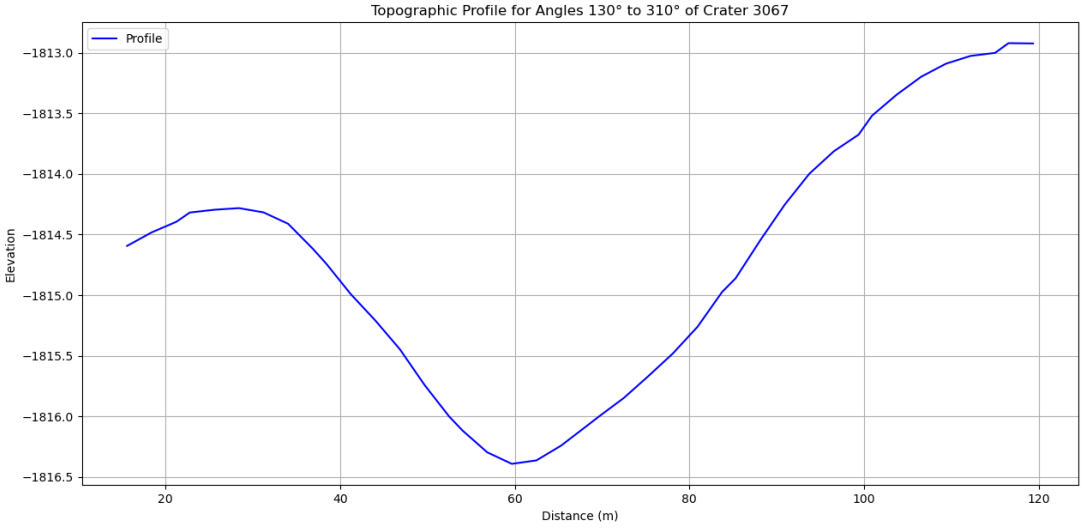
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 3067
Profile
Elevation
Distance (m)
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−1813.5
−1814.0
−1814.5
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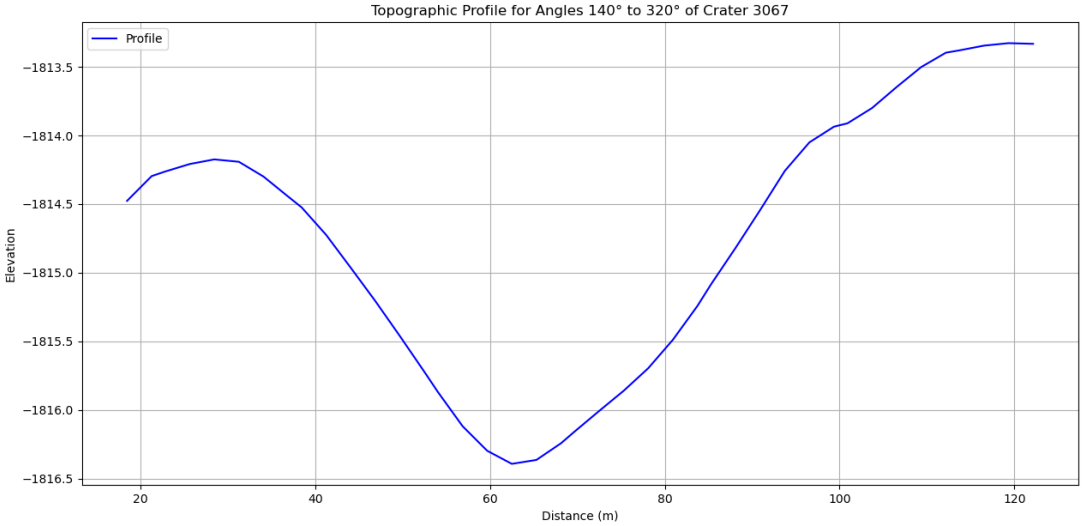
−1816.5
20
40
60
80
100
120


Topographic Profile for Angles 140° to 320° of Crater 3067
Profile
Elevation
Distance (m)
−1813.5
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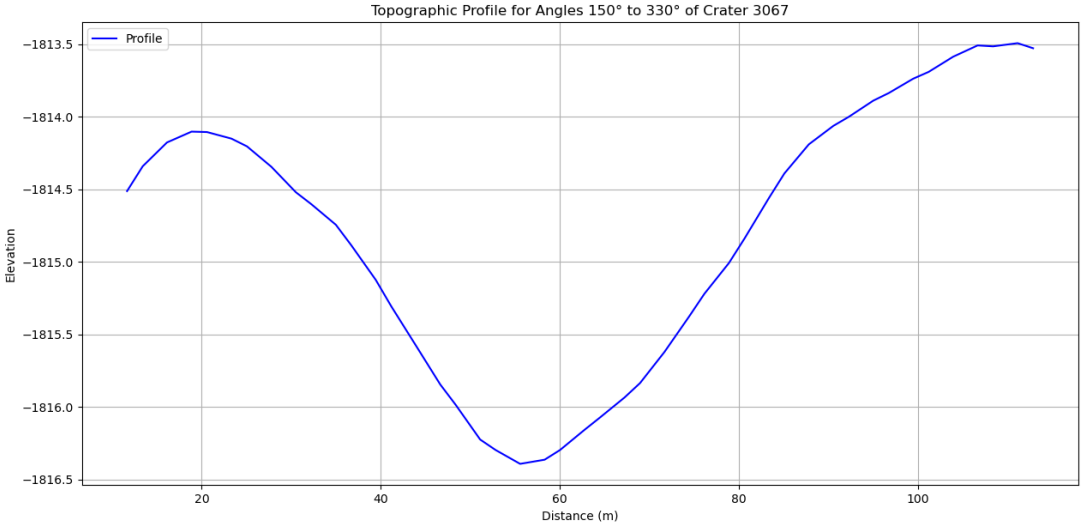
−1815.0
−1815.5
−1816.0
−1816.5
20
40
60
80
100
120


Topographic Profile for Angles 150° to 330° of Crater 3067
Profile
Elevation
Distance (m)
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−1815.0
−1815.5
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−1816.5
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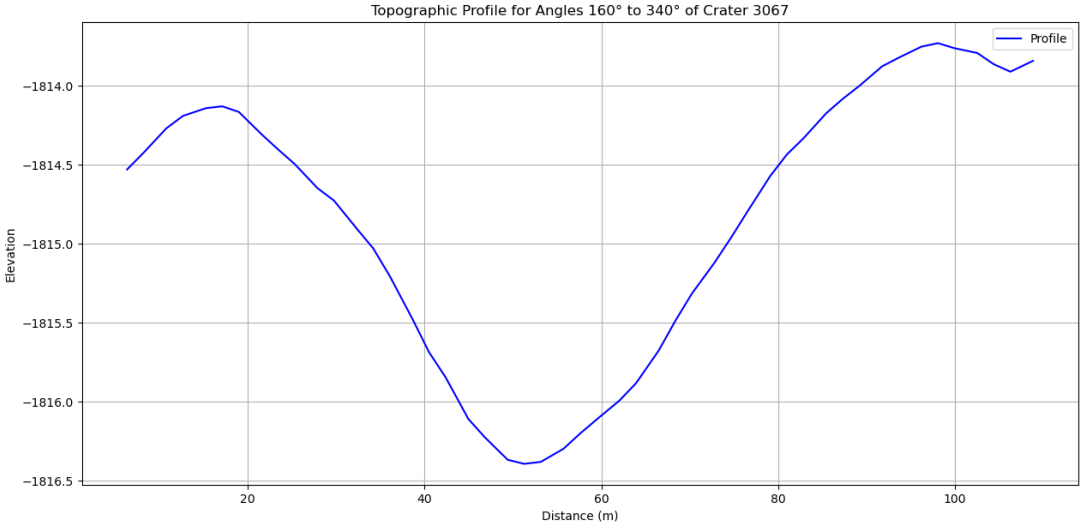
Topographic Profile for Angles 160° to 340° of Crater 3067
Profile
Elevation
Distance (m)
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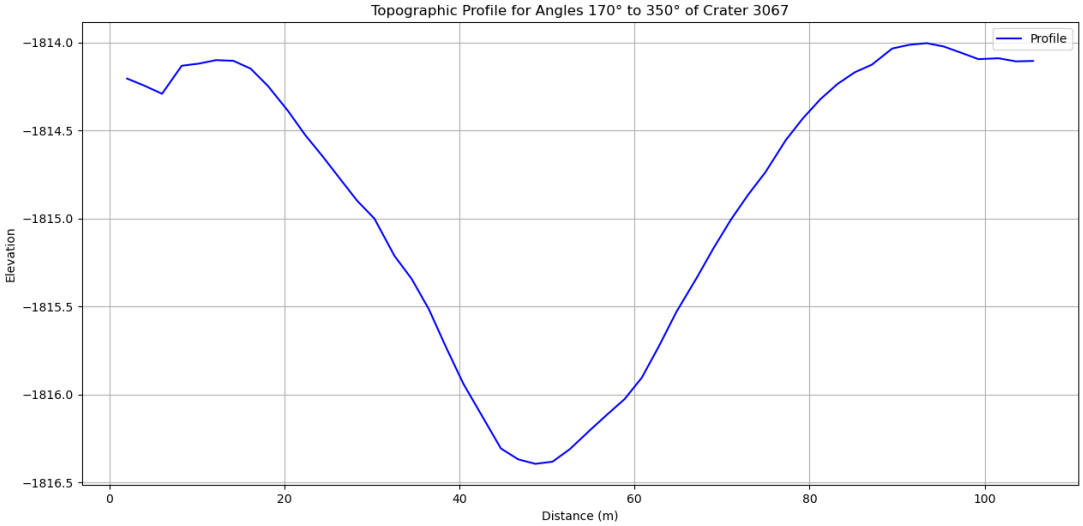
−1814.5
−1815.0
−1815.5
−1816.0
−1816.5
20
40
60
80
100


Topographic Profile for Angles 170° to 350° of Crater 3067
Profile
Elevation
−1814.0
−1814.5
−1815.0
−1815.5
−1816.0
−1816.5
0
20
40
60
80
100
Distance (m)