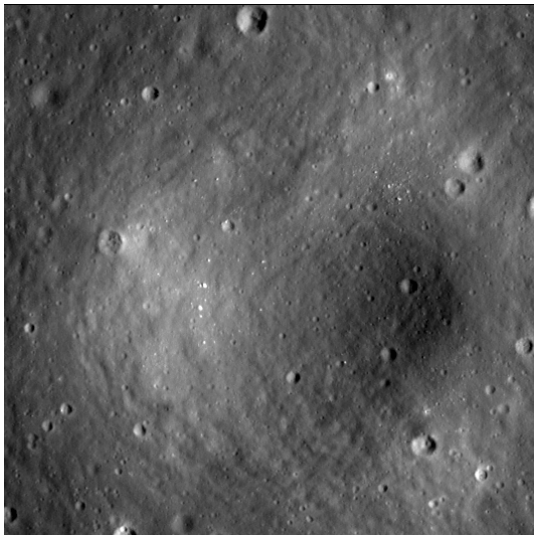
Crater report 2651 of RG2

General information



ID : 2651

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : B - BC

Mean Diameter : 278m ± 13.0m

Mean depht : 27.1m ± 2.1m

d/D ratio : 0.097 ± 0.009

Circularity index : 0.91

Mean slope : 12.03°

Mean value of TRI on the rim crest : 0.26

Geometric center coordinates : (3658413.881244279, 216340.1654345744)

Coordinates of the crater's lowest point : (3658447.000001101, 216333.00000006377)

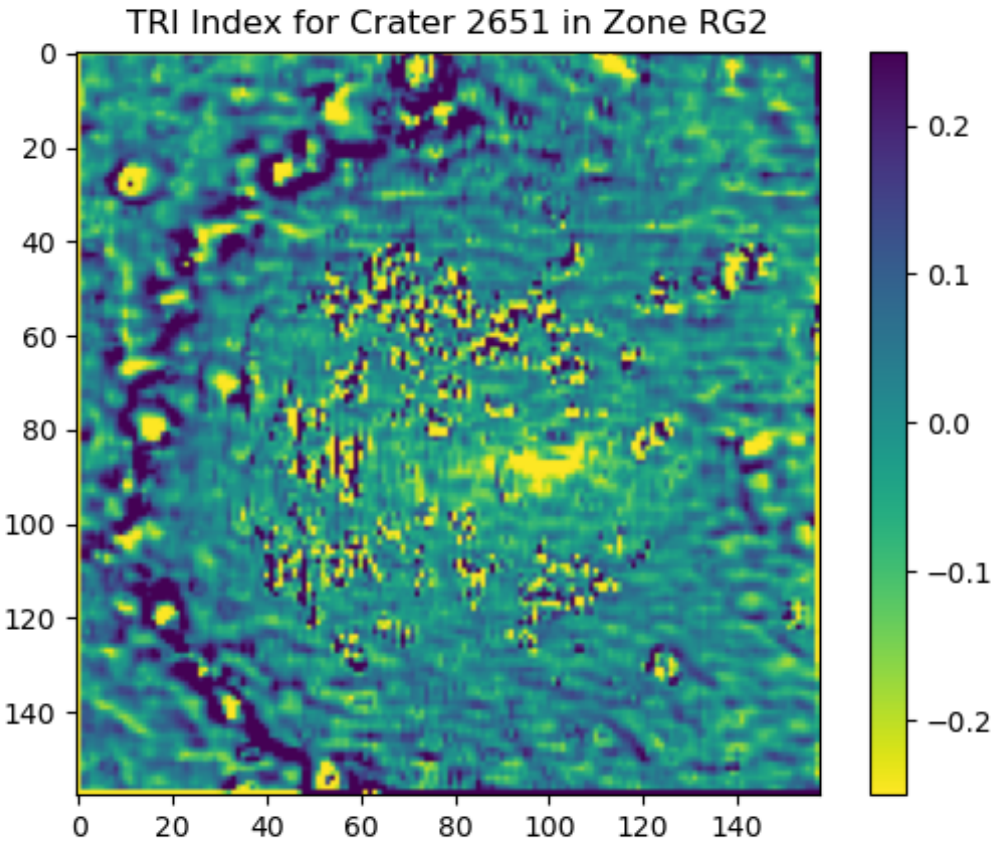
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	16.29	0.56
10°	14.95	0.53
20°	13.48	0.51
30°	12.11	0.47
40°	10.35	0.43
50°	8.86	0.43
60°	7.49	0.48
70°	6.79	0.52
80°	6.69	0.55
90°	6.96	0.57
100°	7.15	0.54
110°	7.6	0.52

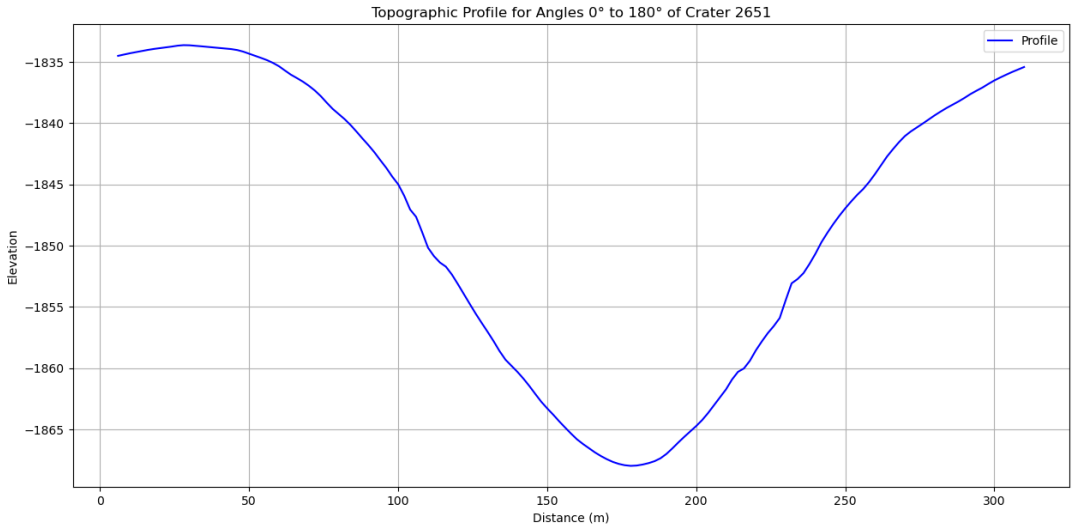
120°	8.67	0.48
130°	10.68	0.43
140°	12.4	0.43
150°	13.1	0.47
160°	14.22	0.51
170°	15.19	0.54
180°	16.1	0.56
190°	15.25	0.54
200°	14.53	0.51
210°	14.04	0.47
220°	13.42	0.43
230°	12.5	0.43
240°	11.62	0.48
250°	11.36	0.51
260°	11.26	0.54
270°	11.9	0.56
280°	11.49	0.54
290°	11.25	0.51
300°	11.68	0.48
310°	13.39	0.43
320°	14.6	0.42
330°	14.74	0.47
340°	15.38	0.5
350°	15.68	0.53

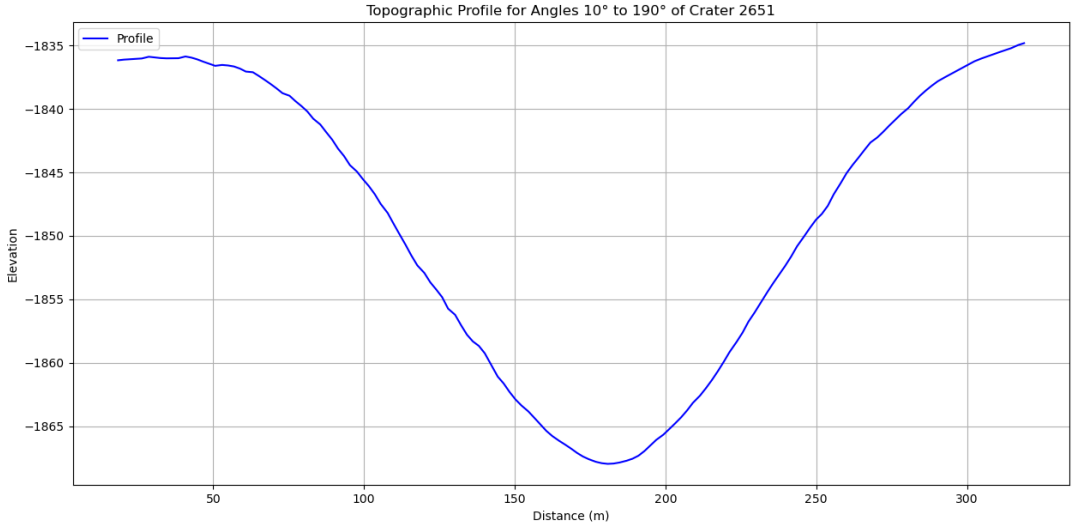
Topographic roughness index (TRI)

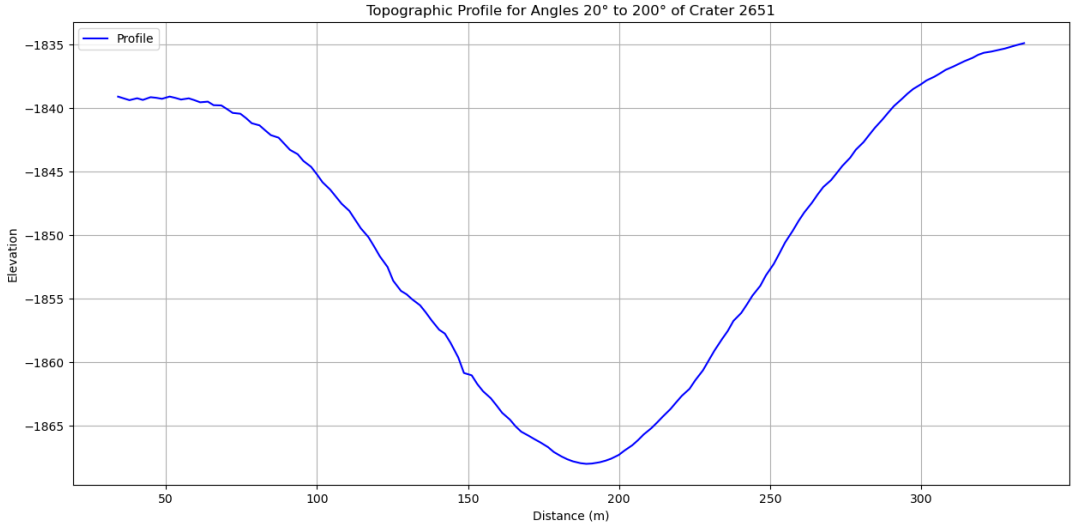
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

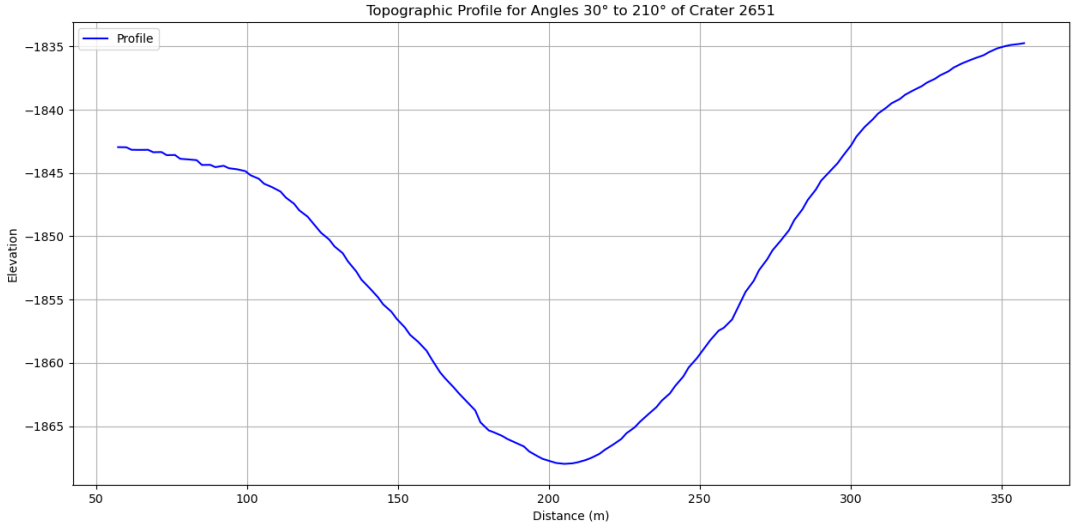


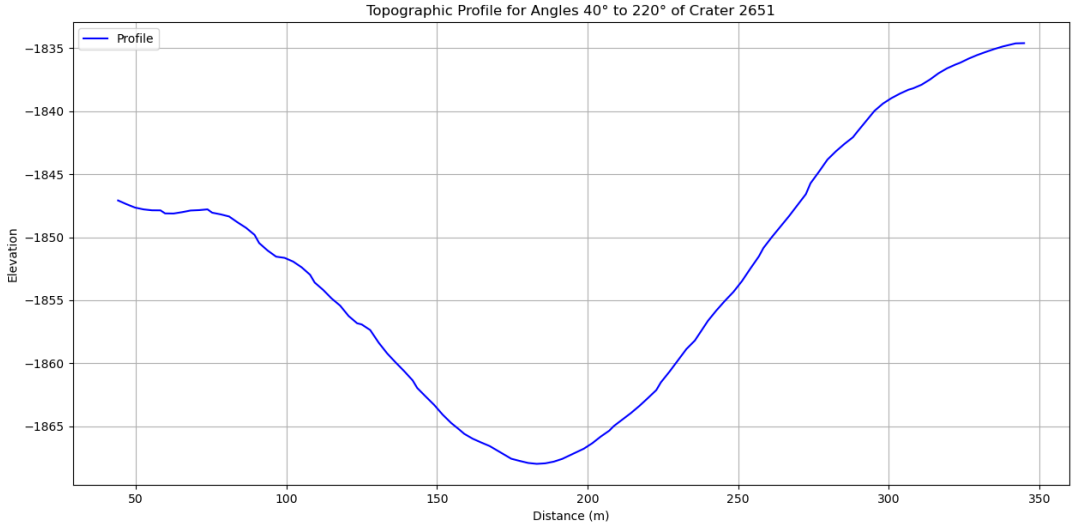
Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 2651
Profile
Elevation
Distance (m)
−1835
−1840
−1845
−1850
−1855
−1860
−1865
50
100
150
200
250
300


Topographic Profile for Angles 20° to 200° of Crater 2651
Profile
Elevation
Distance (m)
−1835
−1840
−1845
−1850
−1855
−1860
−1865
50
100
150
200
250
300


Topographic Profile for Angles 30° to 210° of Crater 2651
Profile
Elevation
Distance (m)
−1835
−1840
−1845
−1850
−1855
−1860
−1865
50
100
150
200
250
300
350


Topographic Profile for Angles 40° to 220° of Crater 2651
Profile
Elevation
Distance (m)
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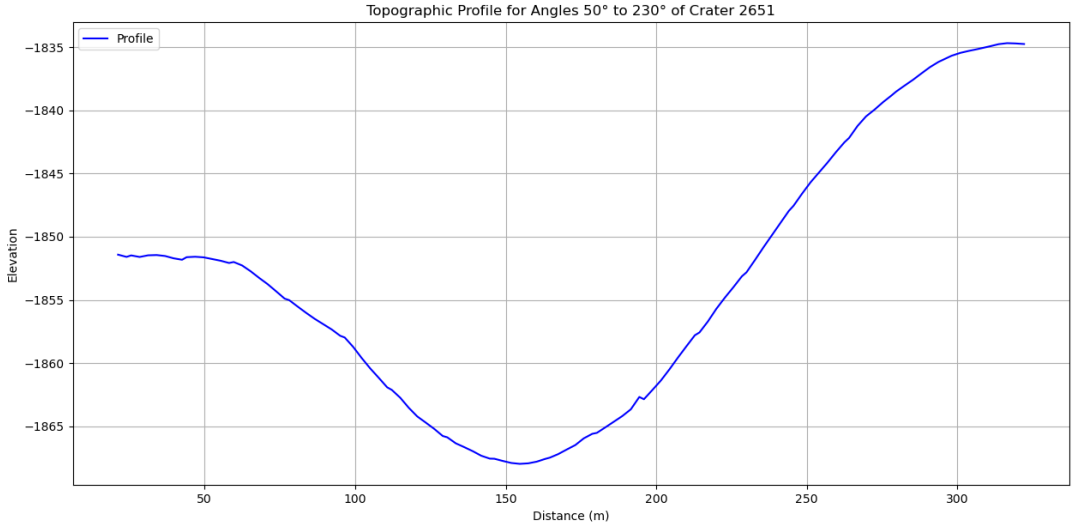
−1840
−1845
−1850
−1855
−1860
−1865
50
100
150
200
250
300
350


Topographic Profile for Angles 50° to 230° of Crater 2651
Profile
Elevation
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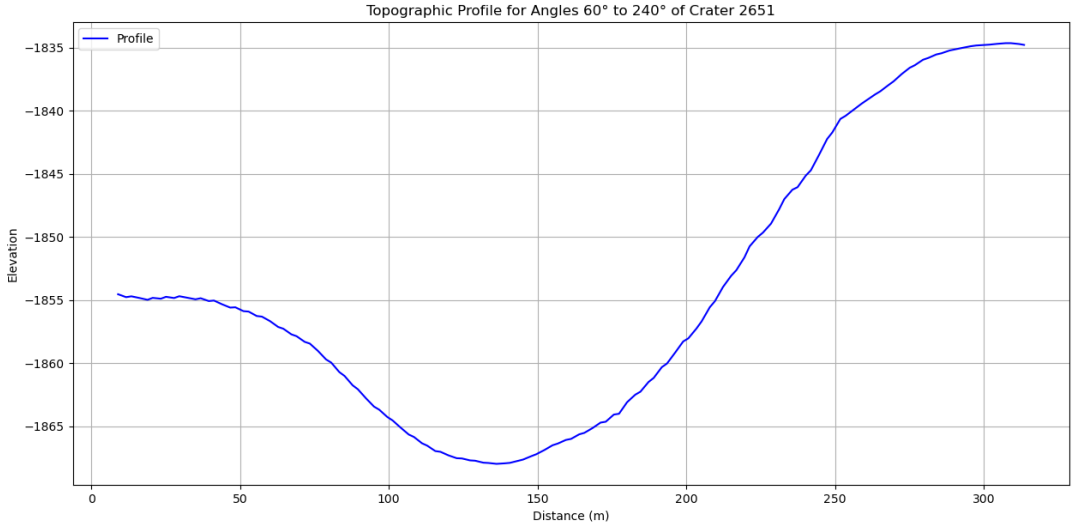
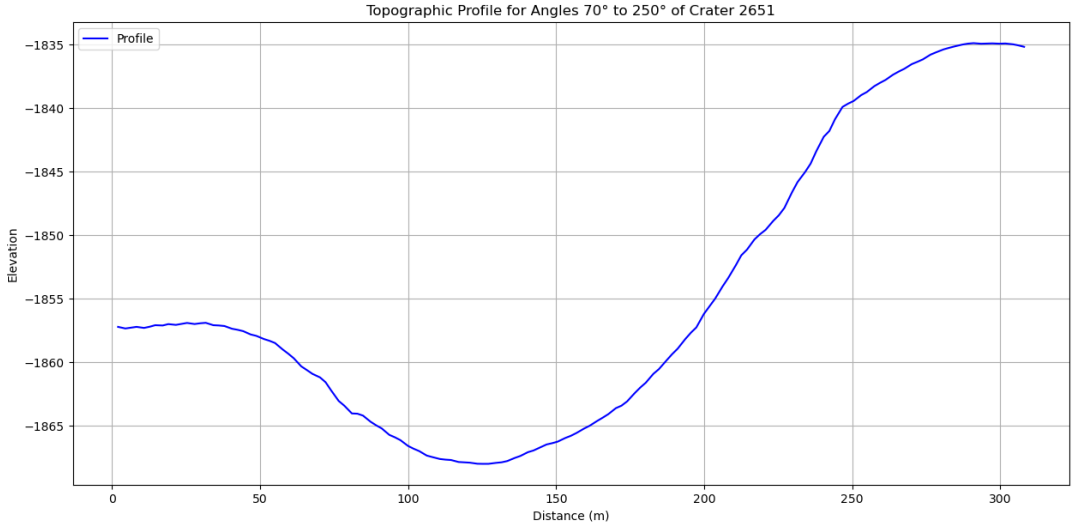
−1840
−1845
−1850
−1855
−1860
−1865
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 2651
Profile
Elevation
−1835
−1840
−1845
−1850
−1855
−1860
−1865
0
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 2651
Profile
Elevation
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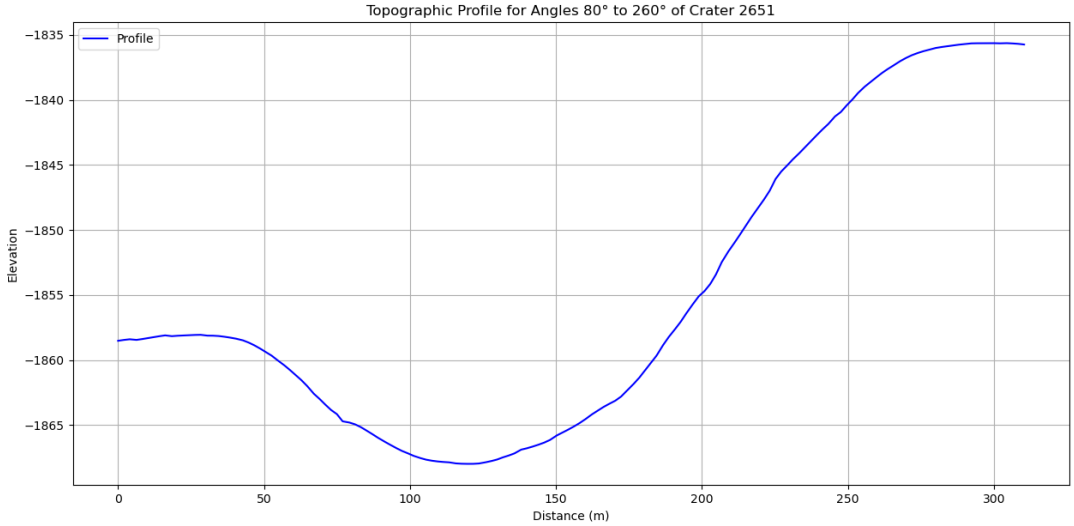
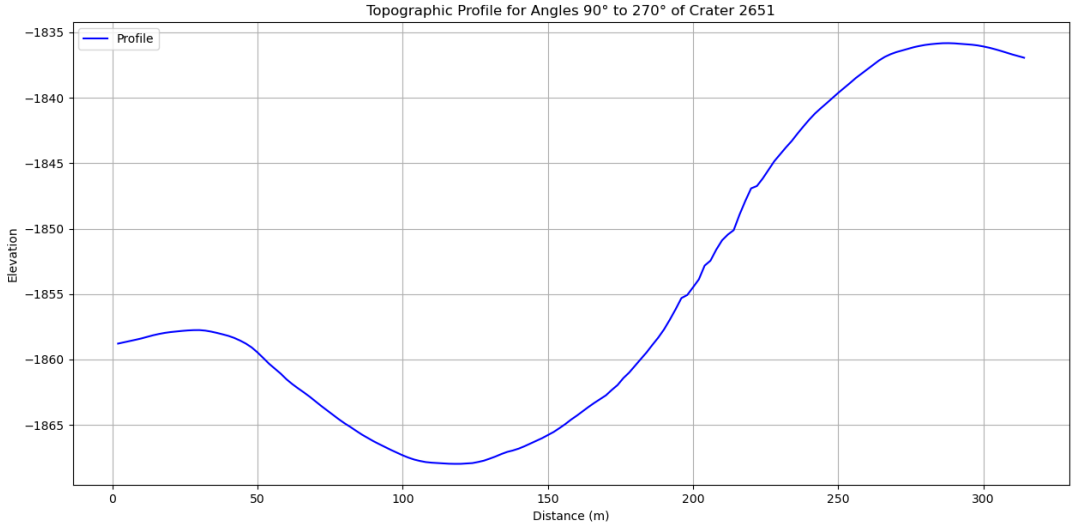
−1840
−1845
−1850
−1855
−1860
−1865
0
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 2651
Profile
Elevation
−1835
−1840
−1845
−1850
−1855
−1860
−1865
0
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 2651
Profile
Elevation
Distance (m)
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−1840
−1845
−1850
−1855
−1860
−1865
0
50
100
150
200
250
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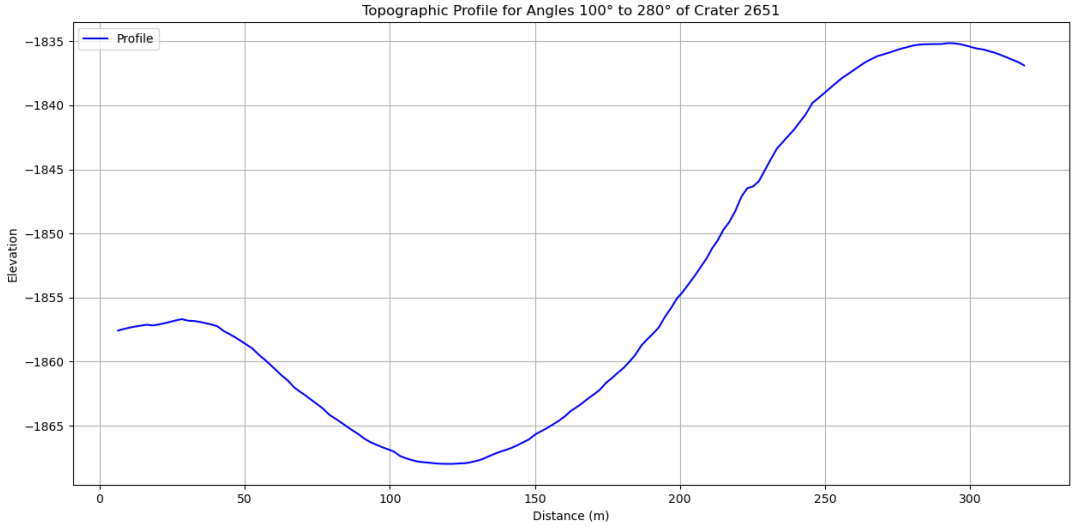
Topographic Profile for Angles 100° to 280° of Crater 2651
Profile
Elevation
Distance (m)
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−1840
−1845
−1850
−1855
−1860
−1865
0
50
100
150
200
250
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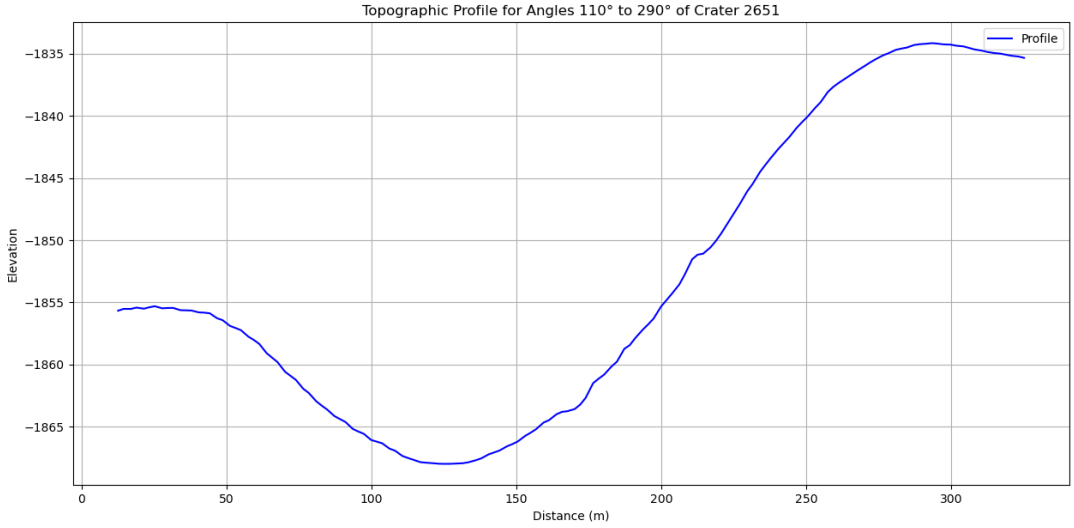
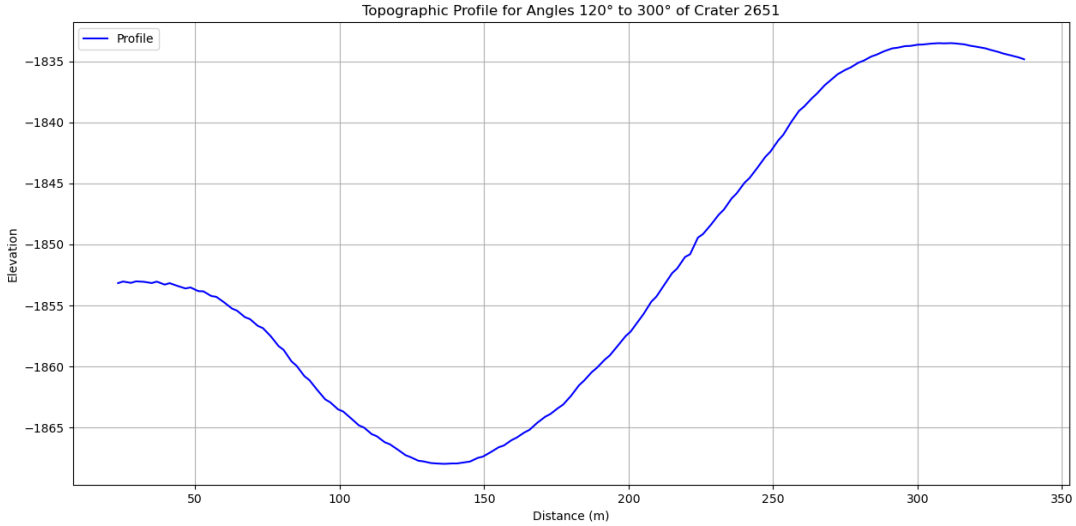

Topographic Profile for Angles 110° to 290° of Crater 2651
Profile
Elevation
−1835
−1840
−1845
−1850
−1855
−1860
−1865
0
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 120° to 300° of Crater 2651
Profile
Elevation
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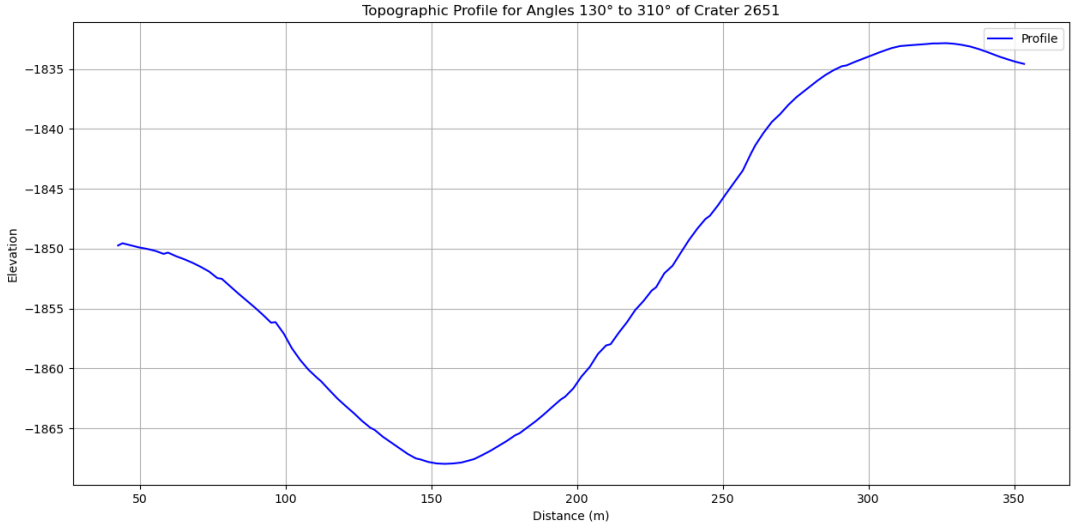
−1840
−1845
−1850
−1855
−1860
−1865
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 2651
Profile
Elevation
−1835
−1840
−1845
−1850
−1855
−1860
−1865
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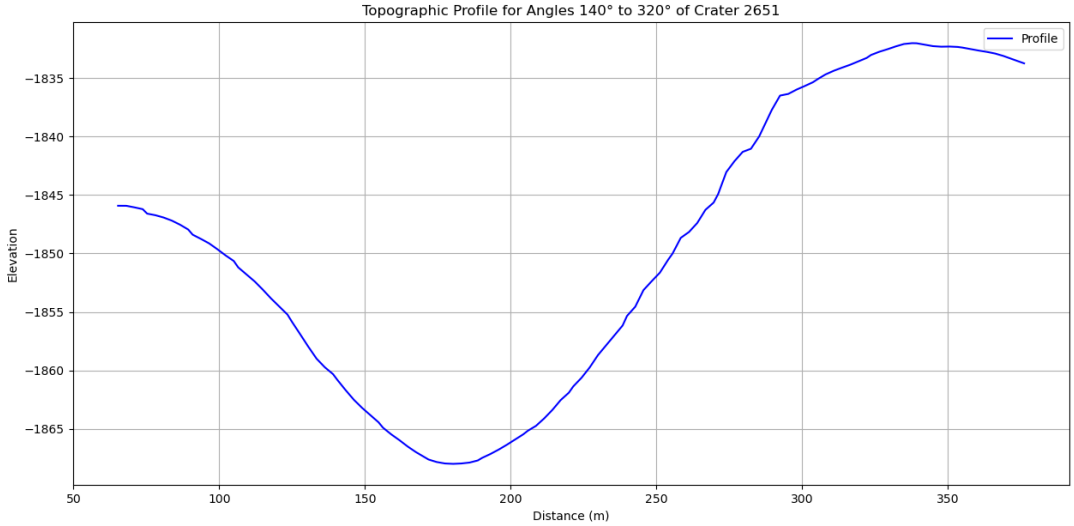
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2651
Profile
Elevation
−1835
−1840
−1845
−1850
−1855
−1860
−1865
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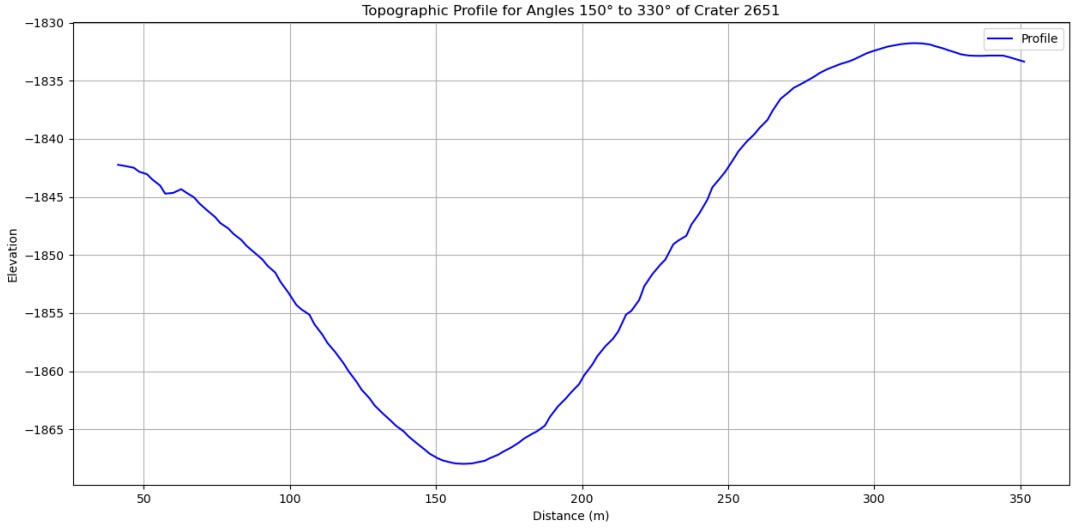
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2651
Profile
Elevation
Distance (m)
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−1845
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−1860
−1865
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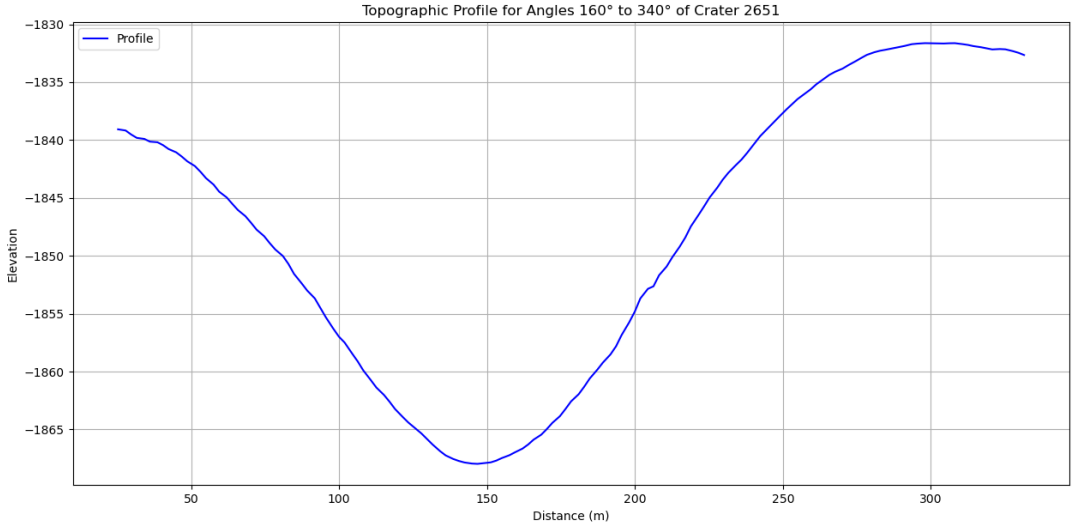
Topographic Profile for Angles 160° to 340° of Crater 2651
Profile
Elevation
Distance (m)
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−1835
−1840
−1845
−1850
−1855
−1860
−1865
50
100
150
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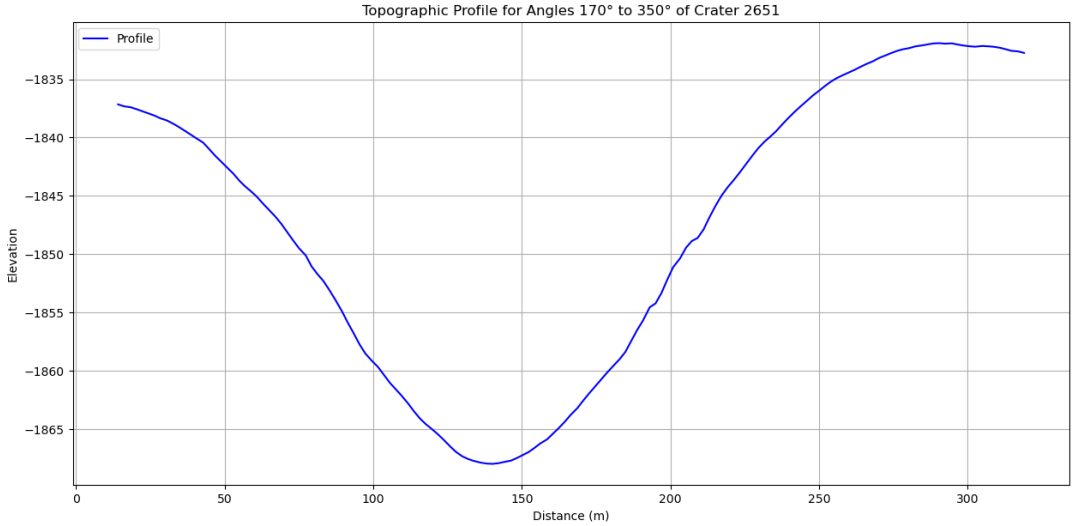
Topographic Profile for Angles 170° to 350° of Crater 2651
Profile
Elevation
−1835
−1840
−1845
−1850
−1855
−1860
−1865
0
50
100
150
200
250
300
Distance (m)