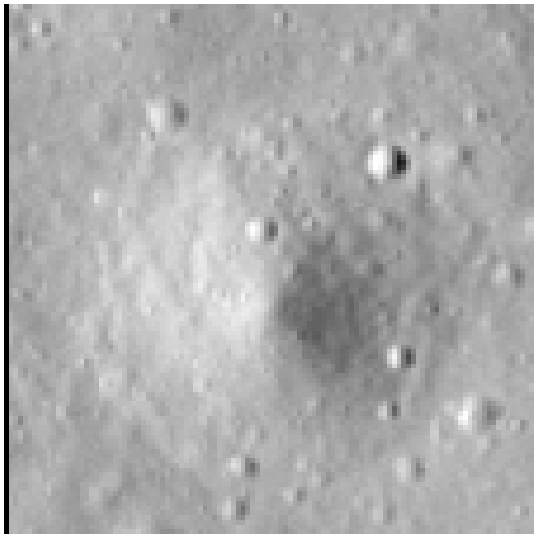
Crater report 2034 of RG2

General information



ID : 2034

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 56m ± 3.0m

Mean depht : 3.5m ± 0.2m

d/D ratio : 0.061 ± 0.005

Circularity index : 0.92

Mean slope : 8.95°

Mean value of TRI on the rim crest : 0.27

Geometric center coordinates : (3656377.752784676, 219586.21216893423)

Coordinates of the crater's lowest point : (3656377.0000011004, 219579.00000006476)

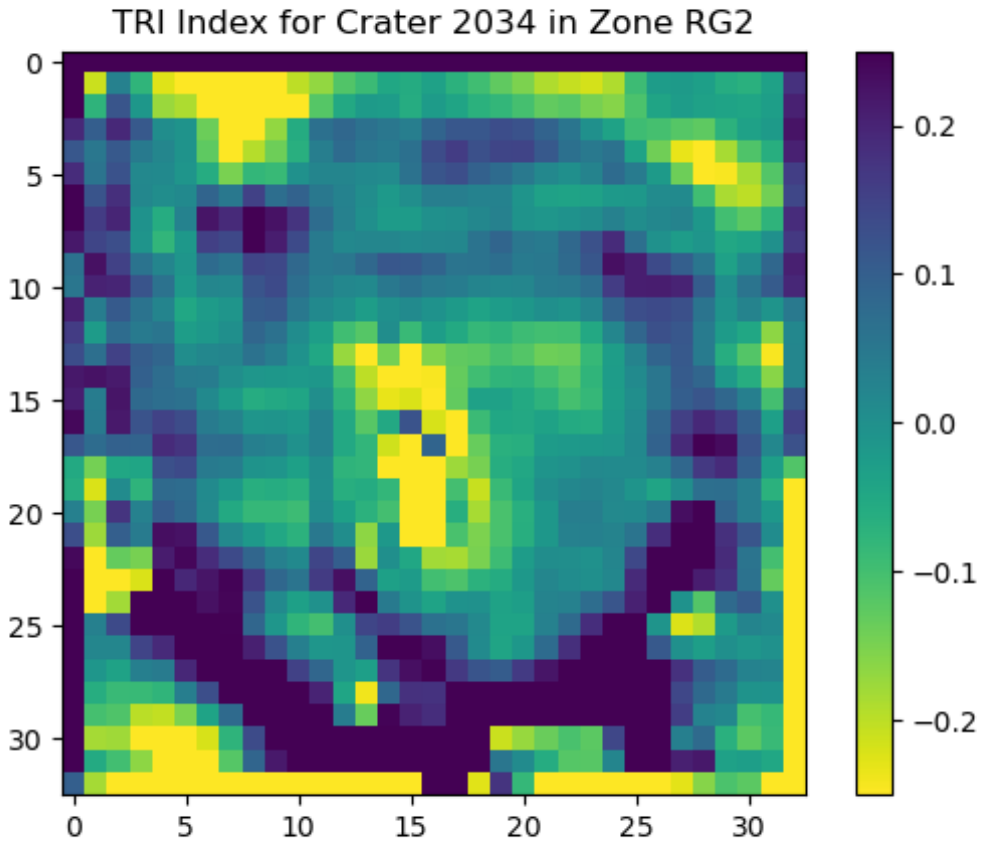
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	8.7	0.57
10°	8.19	0.55
20°	7.72	0.51
30°	7.66	0.48
40°	7.55	0.42
50°	7.11	0.44
60°	6.8	0.48
70°	6.83	0.52
80°	7.15	0.54
90°	7.89	0.57
100°	7.64	0.55
110°	7.53	0.53

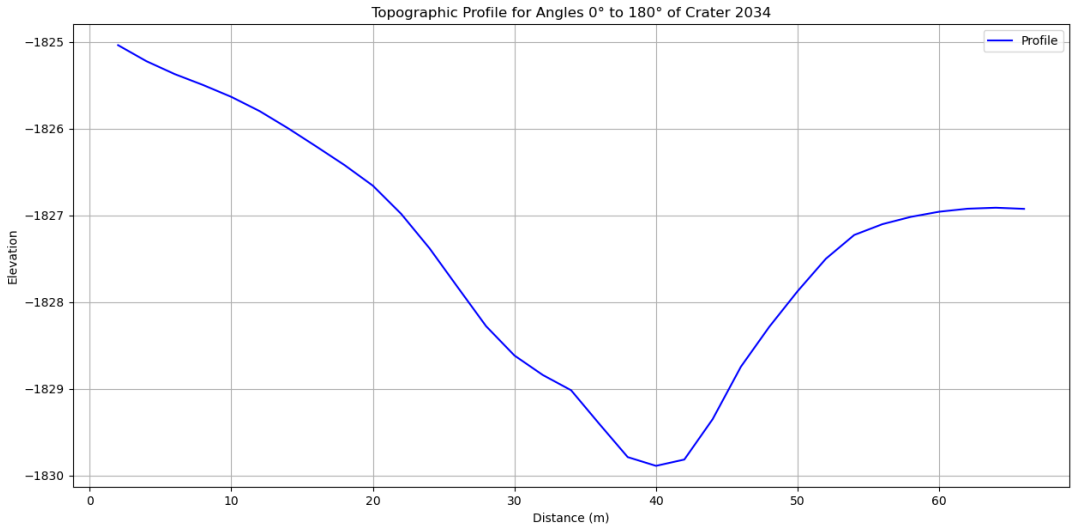
120°	8.14	0.46
130°	8.14	0.43
140°	8.44	0.43
150°	9.0	0.49
160°	9.44	0.52
170°	10.36	0.54
180°	11.2	0.57
190°	10.74	0.54
200°	10.84	0.51
210°	11.12	0.48
220°	10.67	0.44
230°	10.93	0.44
240°	10.02	0.49
250°	10.11	0.52
260°	9.92	0.55
270°	10.49	0.57
280°	9.7	0.53
290°	9.39	0.51
300°	9.24	0.47
310°	9.19	0.42
320°	9.09	0.42
330°	8.58	0.48
340°	8.4	0.51
350°	8.44	0.54

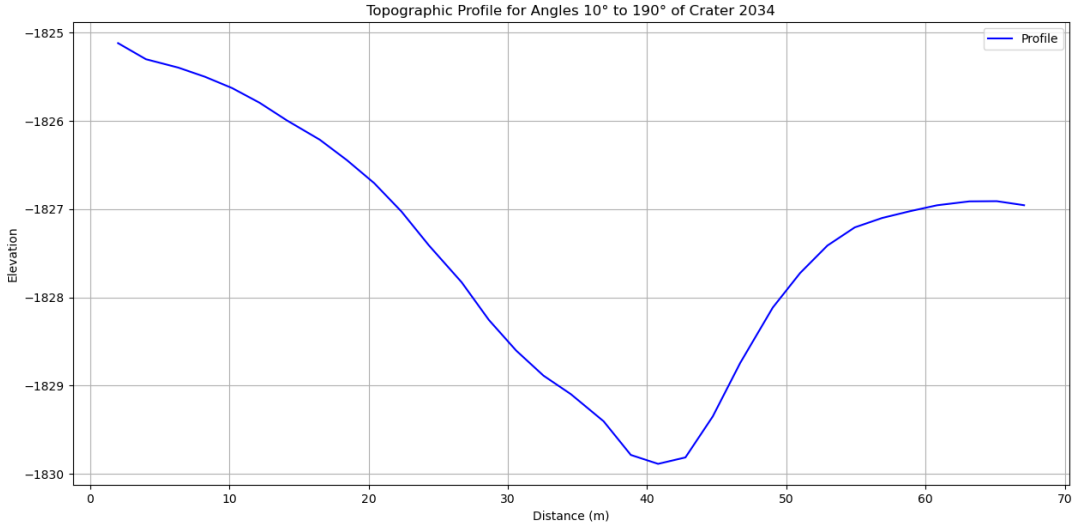
Topographic roughness index (TRI)

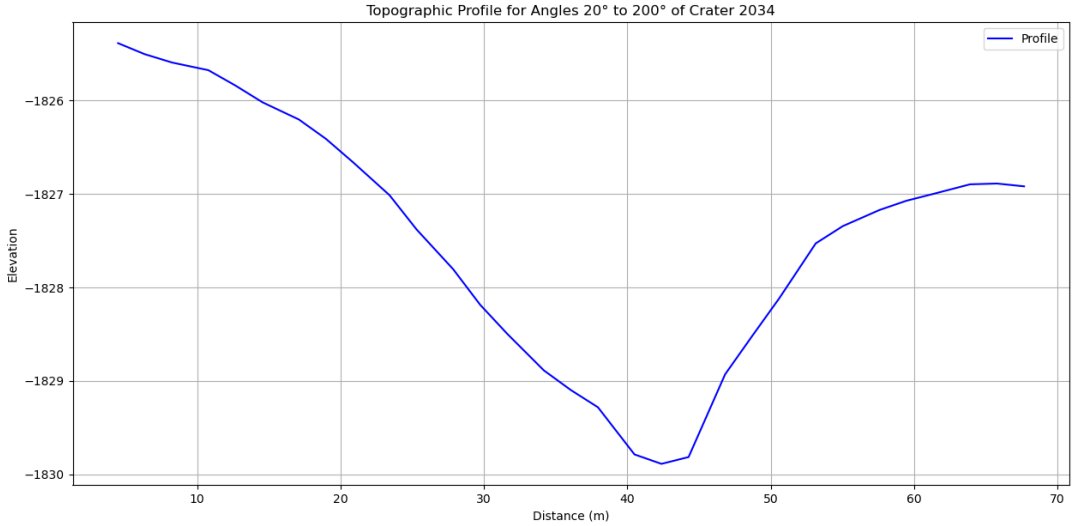
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

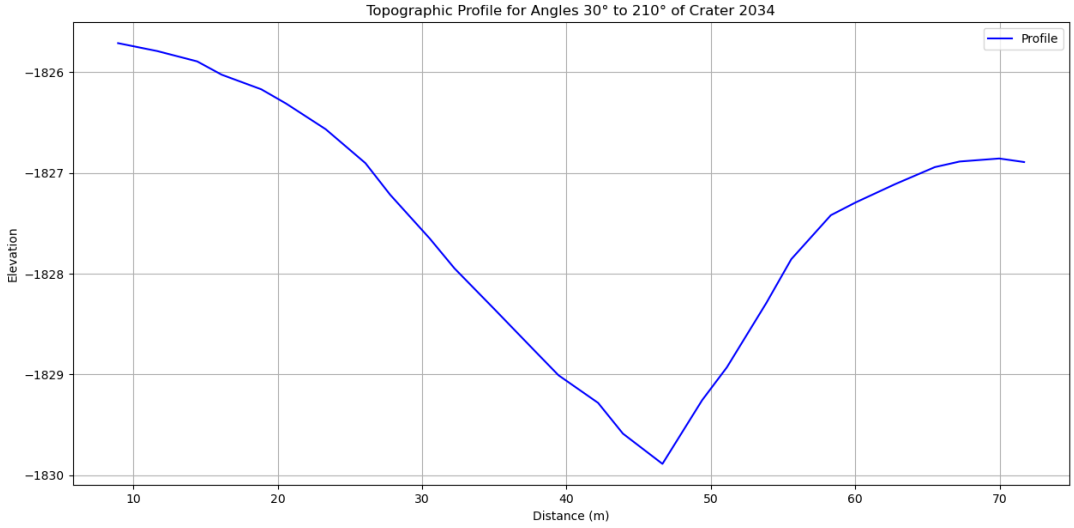


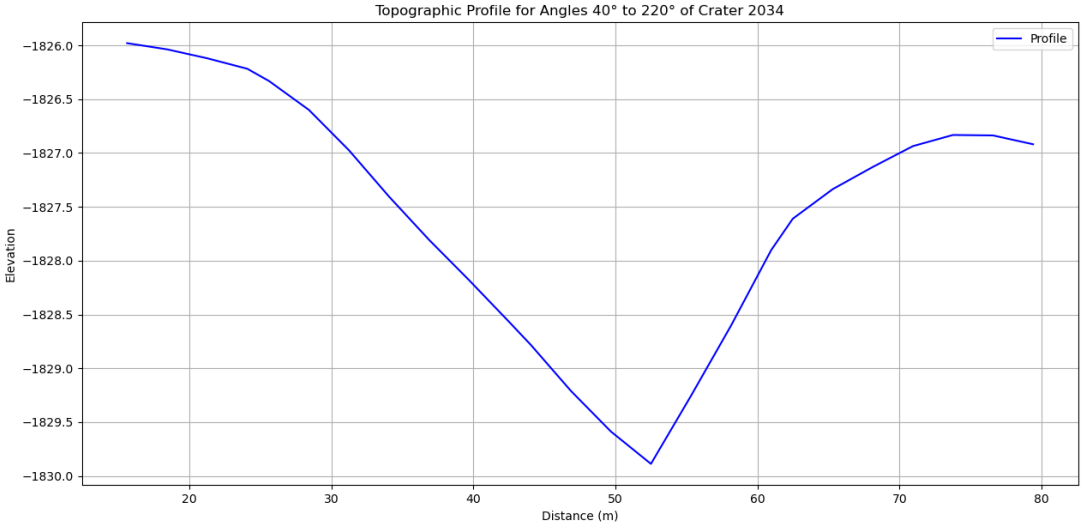
Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 2034
Profile
Elevation
Distance (m)
−1825
−1826
−1827
−1828
−1829
−1830
0
10
20
30
40
50
60
70


Topographic Profile for Angles 20° to 200° of Crater 2034
Profile
Elevation
Distance (m)
−1826
−1827
−1828
−1829
−1830
10
20
30
40
50
60
70


Topographic Profile for Angles 30° to 210° of Crater 2034
Profile
Elevation
Distance (m)
−1826
−1827
−1828
−1829
−1830
10
20
30
40
50
60
70


Topographic Profile for Angles 40° to 220° of Crater 2034
Profile
Elevation
Distance (m)
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
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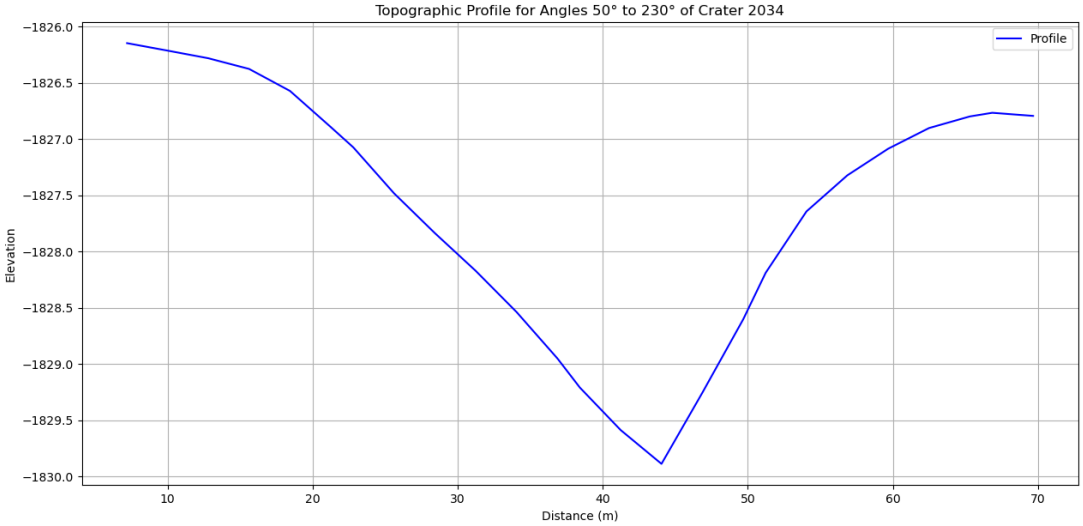
−1830.0
20
30
40
50
60
70
80


Topographic Profile for Angles 50° to 230° of Crater 2034
Profile
Elevation
Distance (m)
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
−1829.5
−1830.0
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60
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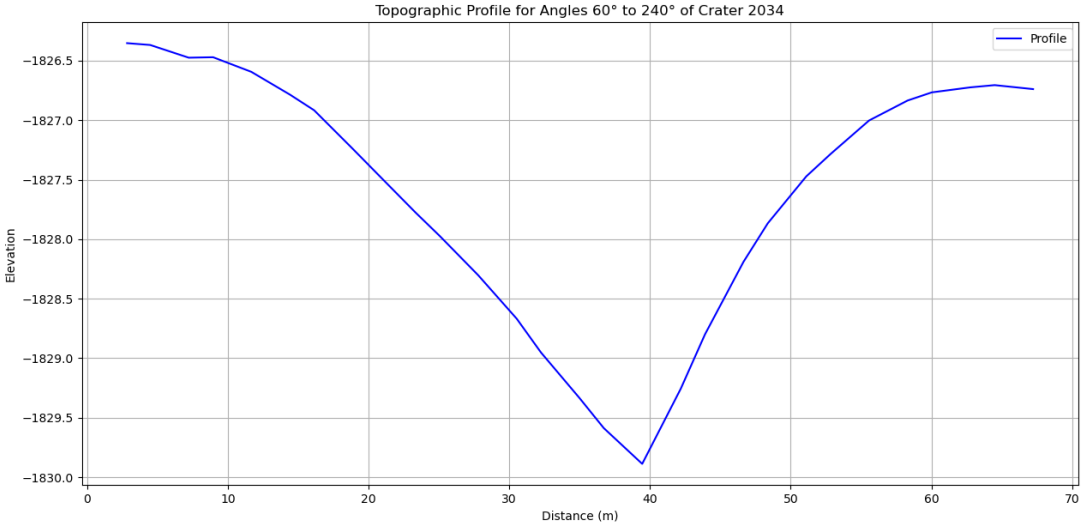
Topographic Profile for Angles 60° to 240° of Crater 2034
Profile
Elevation
Distance (m)
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
−1829.5
−1830.0
0
10
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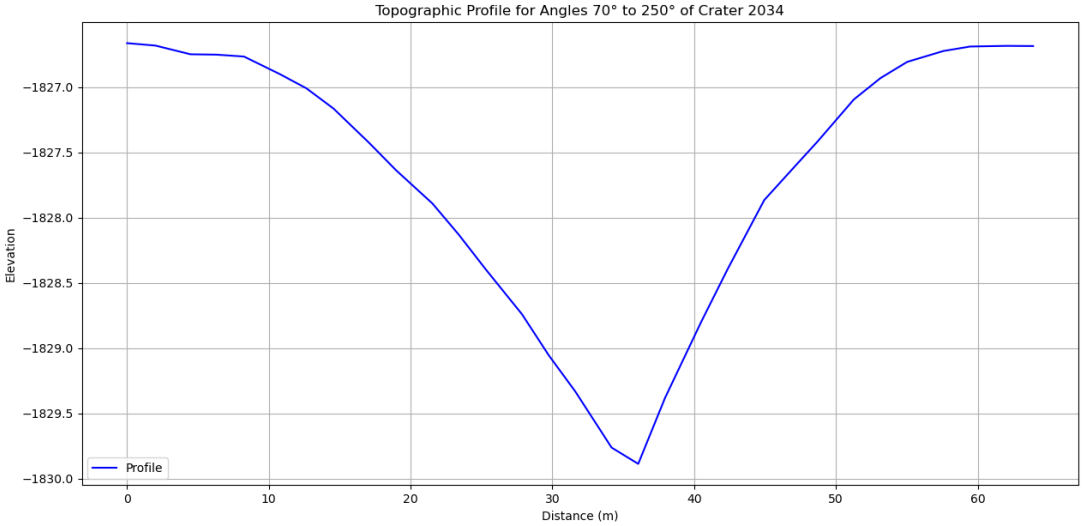
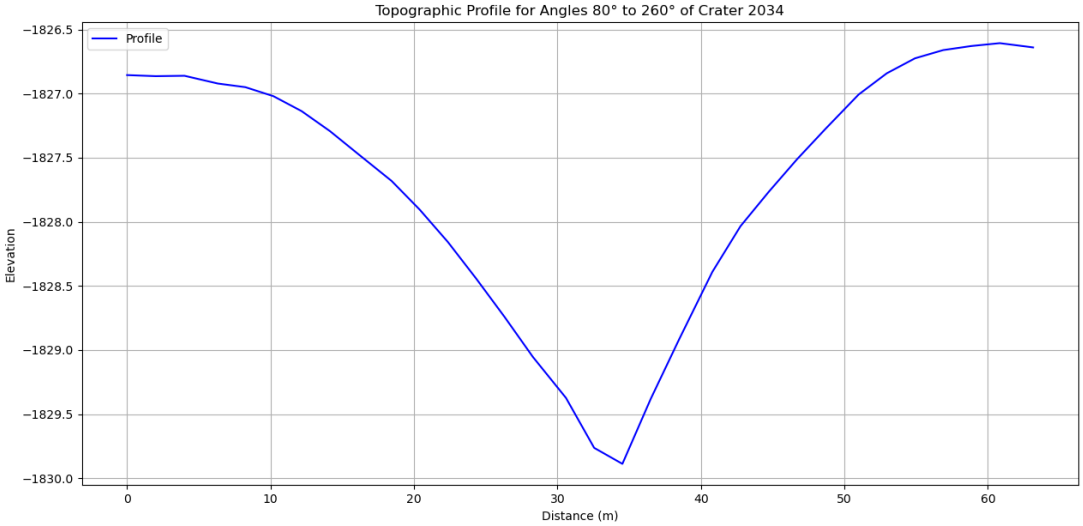
70


Topographic Profile for Angles 70° to 250° of Crater 2034
Elevation
Distance (m)
Profile
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
−1829.5
−1830.0
0
10
20
30
40
50
60


Topographic Profile for Angles 80° to 260° of Crater 2034
Elevation
Distance (m)
Profile
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
−1829.5
−1830.0
0
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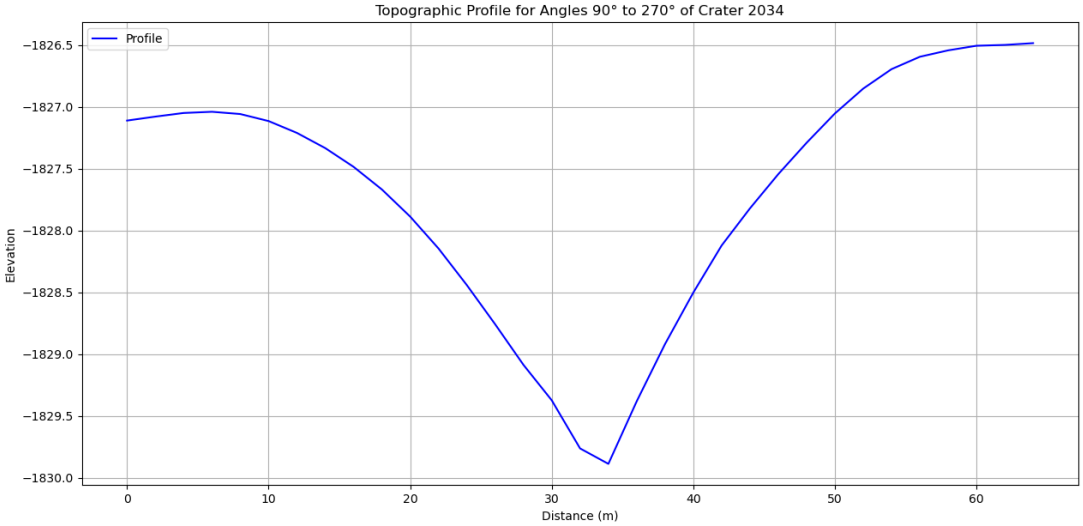
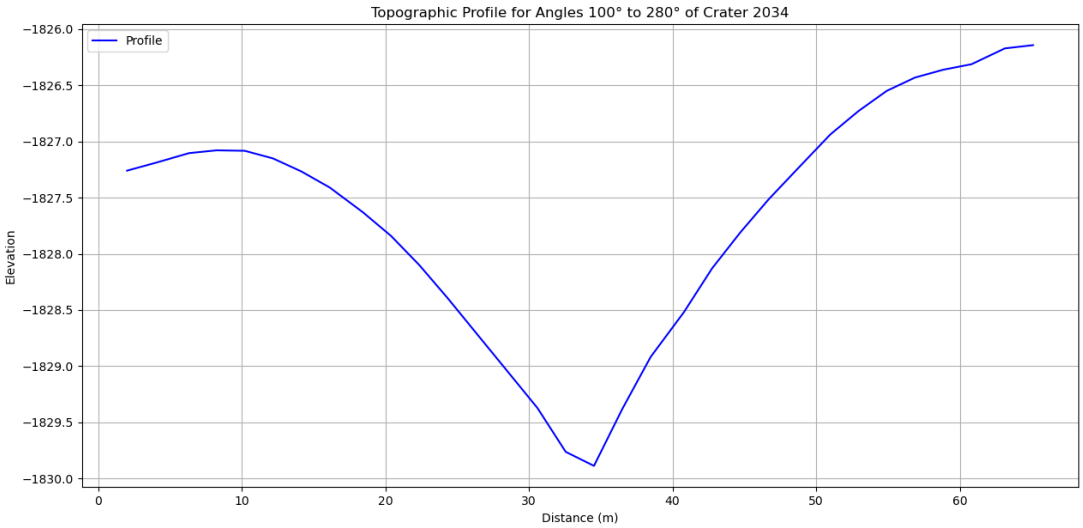
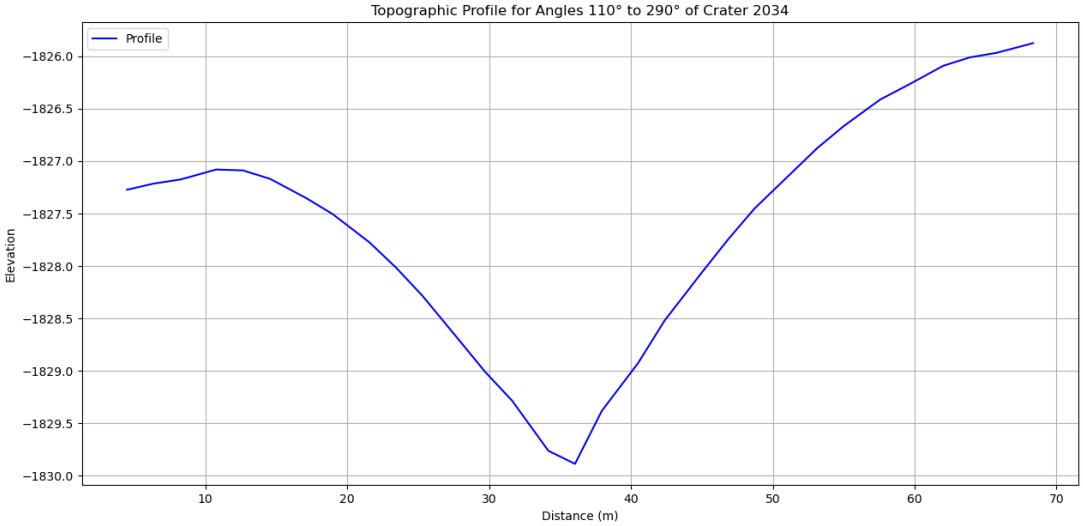

Topographic Profile for Angles 90° to 270° of Crater 2034
Profile
Elevation
Distance (m)
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
−1829.5
−1830.0
0
10
20
30
40
50
60


Topographic Profile for Angles 100° to 280° of Crater 2034
Profile
Elevation
Distance (m)
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
−1829.5
−1830.0
0
10
20
30
40
50
60


Topographic Profile for Angles 110° to 290° of Crater 2034
Profile
Elevation
Distance (m)
−1826.0
−1826.5
−1827.0
−1827.5
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−1828.5
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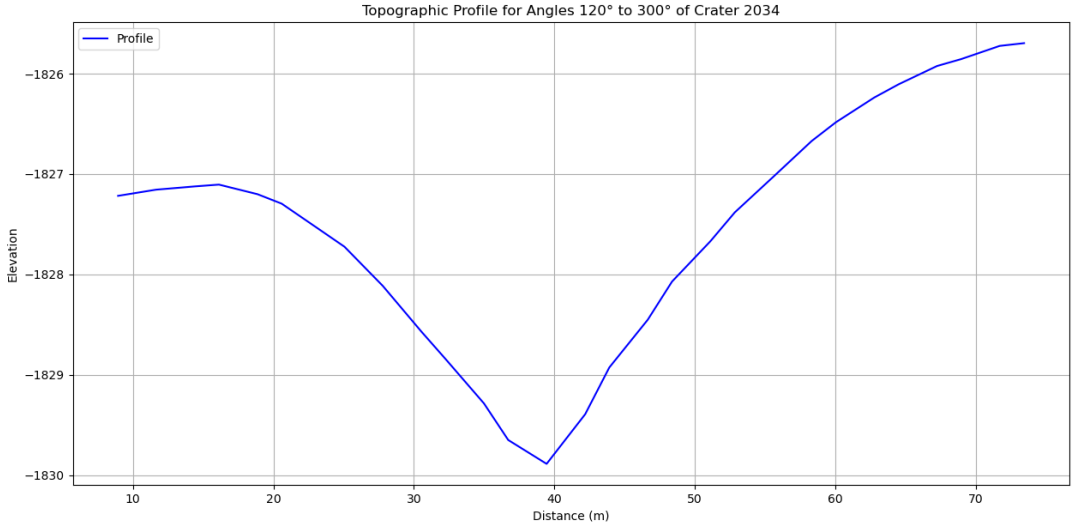
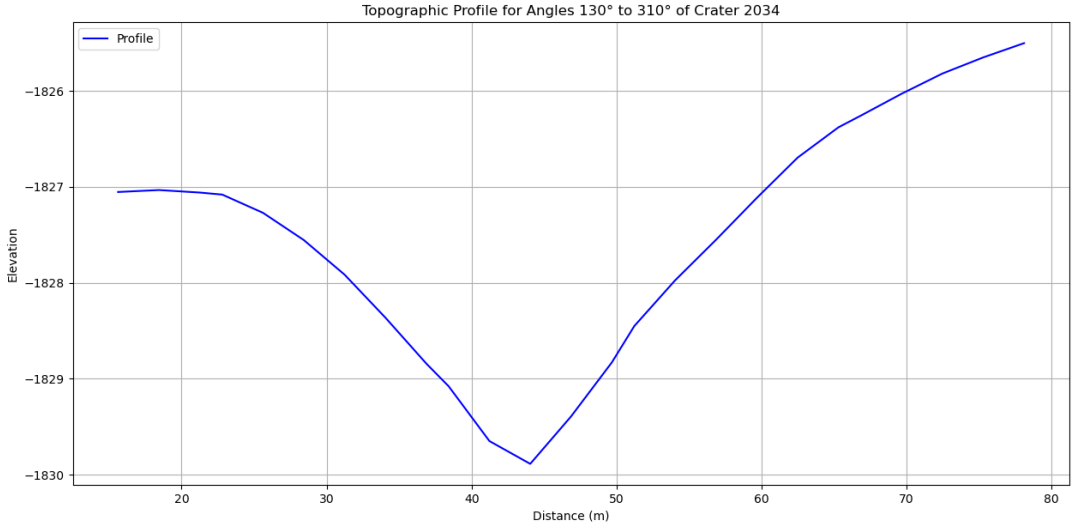
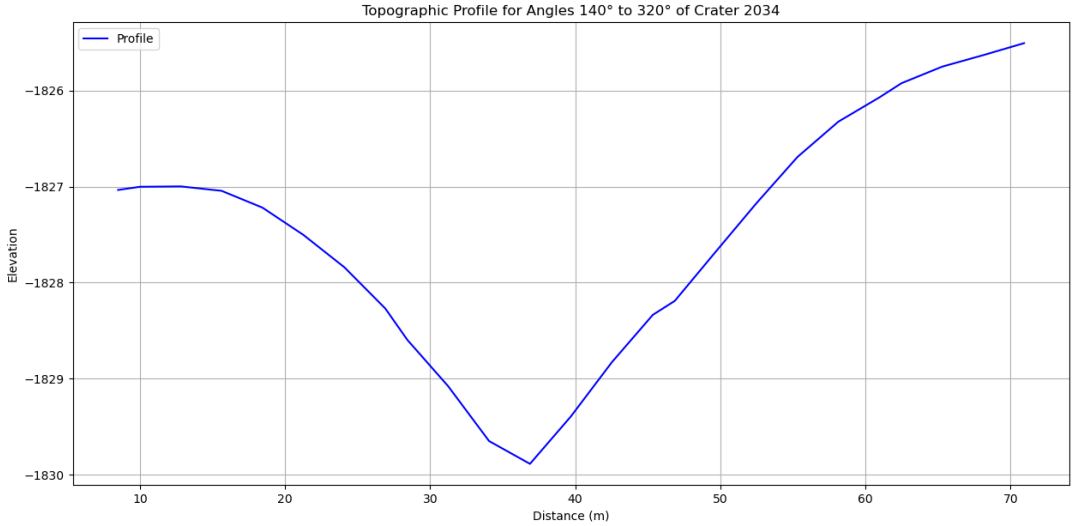
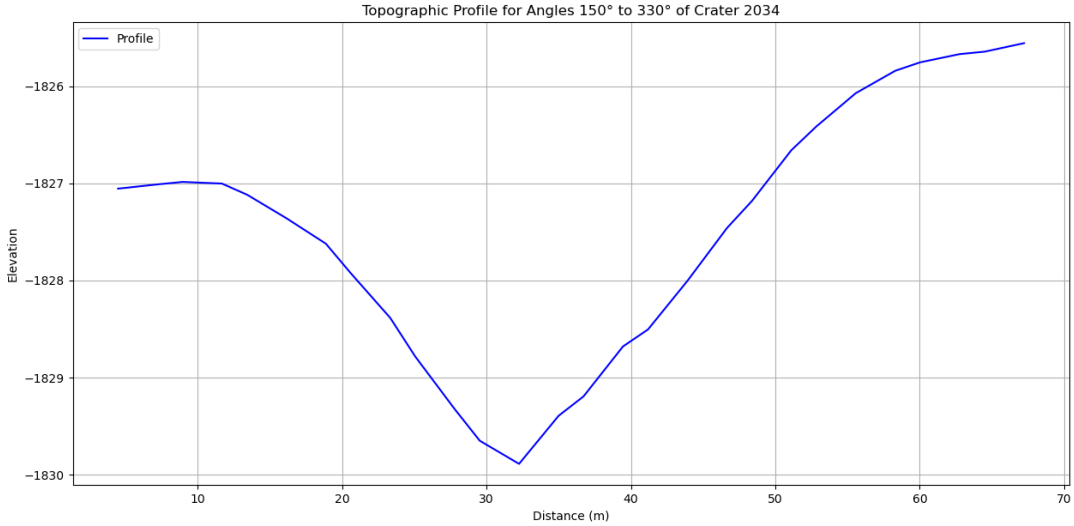
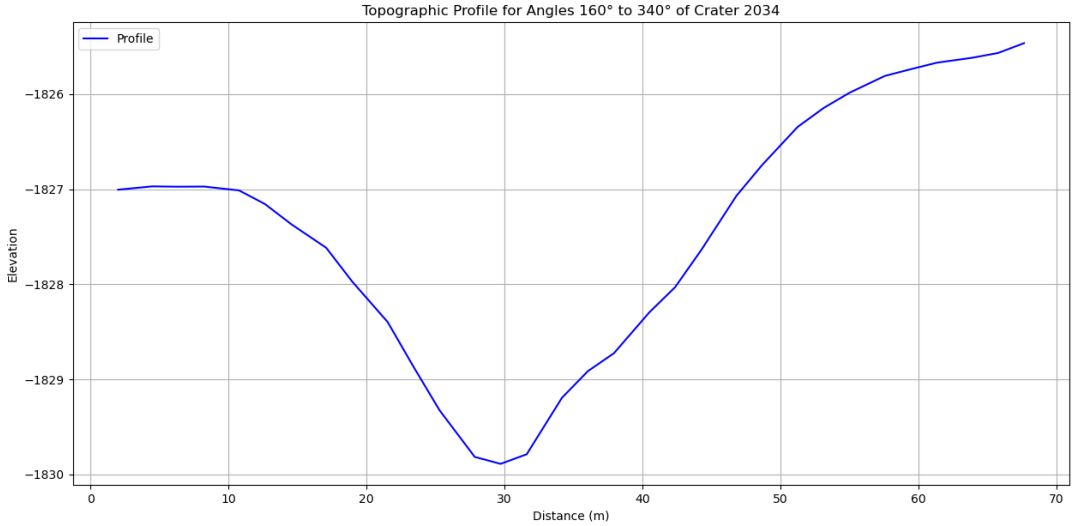
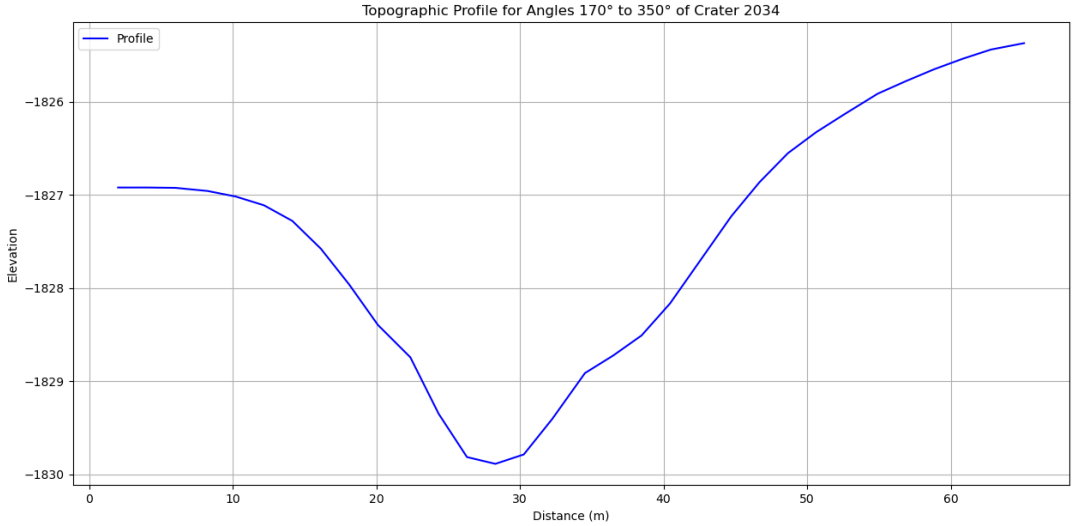

Topographic Profile for Angles 120° to 300° of Crater 2034
Profile
Elevation
Distance (m)
−1826
−1827
−1828
−1829
−1830
10
20
30
40
50
60
70


Topographic Profile for Angles 130° to 310° of Crater 2034
Profile
Elevation
−1826
−1827
−1828
−1829
−1830
20
30
40
50
60
70
80
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2034
Profile
Elevation
−1826
−1827
−1828
−1829
−1830
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2034
Profile
Elevation
−1826
−1827
−1828
−1829
−1830
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 2034
Profile
Elevation
−1826
−1827
−1828
−1829
−1830
0
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 2034
Profile
Elevation
−1826
−1827
−1828
−1829
−1830
0
10
20
30
40
50
60
Distance (m)