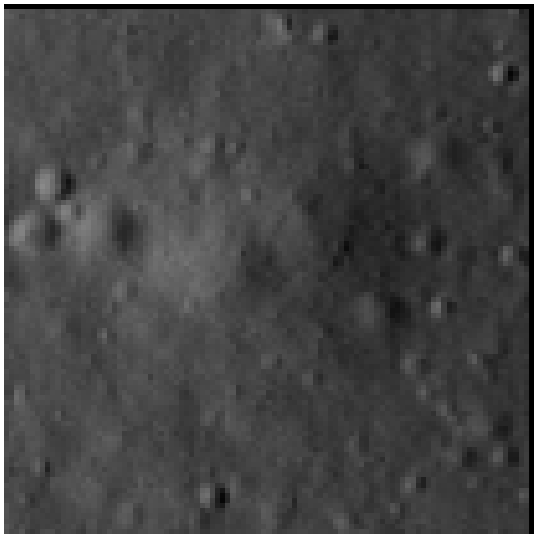
Crater report 2980 of RG2

General information



ID : 2980

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 53m ± 4.0m

Mean depht : 2.0m ± 0.3m

d/D ratio : 0.037 ± 0.006

Circularity index : 0.91

Mean slope : 4.09°

Mean value of TRI on the rim crest : -0.03

Geometric center coordinates : (3657898.012727518, 214101.0905056863)

Coordinates of the crater's lowest point : (3657903.000001101, 214103.00000006313)

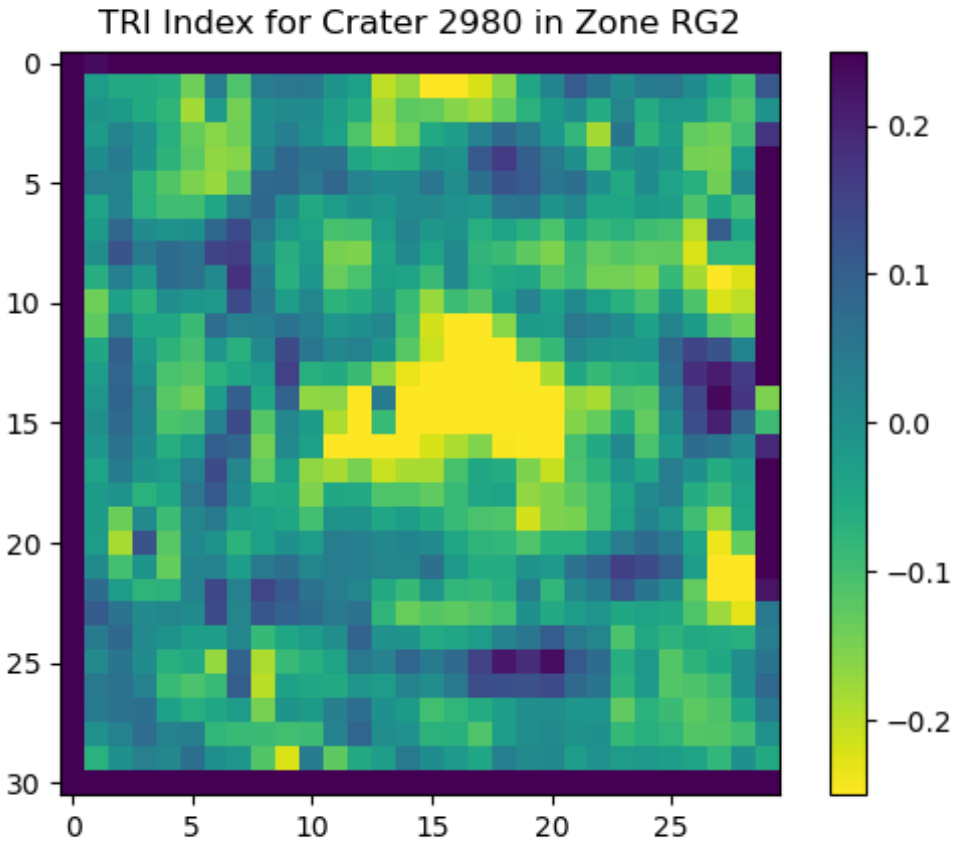
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	4.13	0.57
10°	3.84	0.55
20°	3.56	0.52
30°	3.2	0.48
40°	2.92	0.43
50°	2.66	0.42
60°	2.47	0.47
70°	2.48	0.5
80°	2.56	0.55
90°	2.77	0.57
100°	2.66	0.55
110°	2.67	0.5

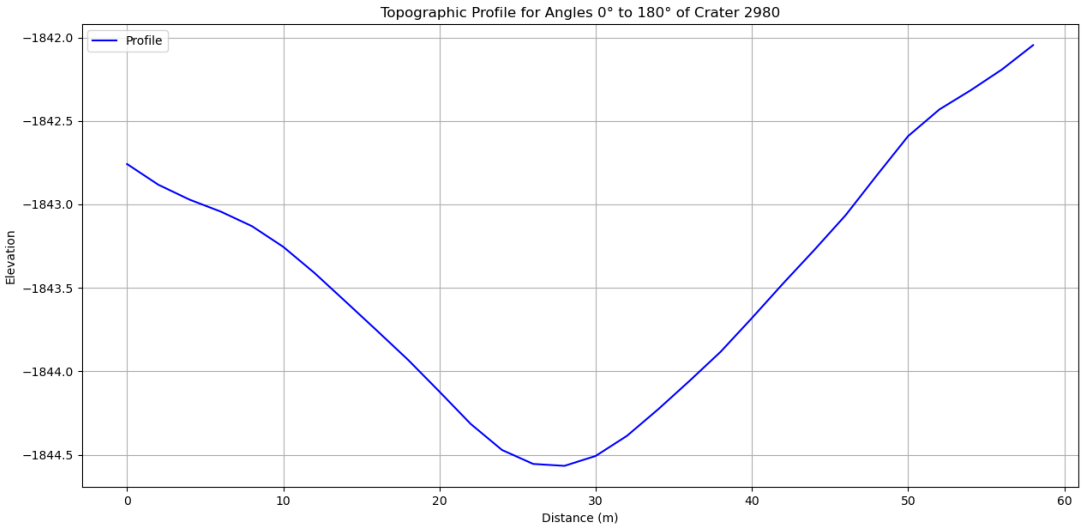
120°	2.81	0.48
130°	3.26	0.43
140°	3.64	0.43
150°	3.84	0.48
160°	4.19	0.51
170°	4.62	0.54
180°	4.97	0.57
190°	4.82	0.54
200°	4.92	0.51
210°	5.12	0.48
220°	5.2	0.44
230°	5.35	0.44
240°	5.13	0.48
250°	5.17	0.51
260°	5.33	0.55
270°	5.37	0.57
280°	5.15	0.55
290°	5.06	0.51
300°	5.17	0.48
310°	5.07	0.44
320°	4.78	0.42
330°	4.35	0.47
340°	4.08	0.51
350°	4.03	0.55

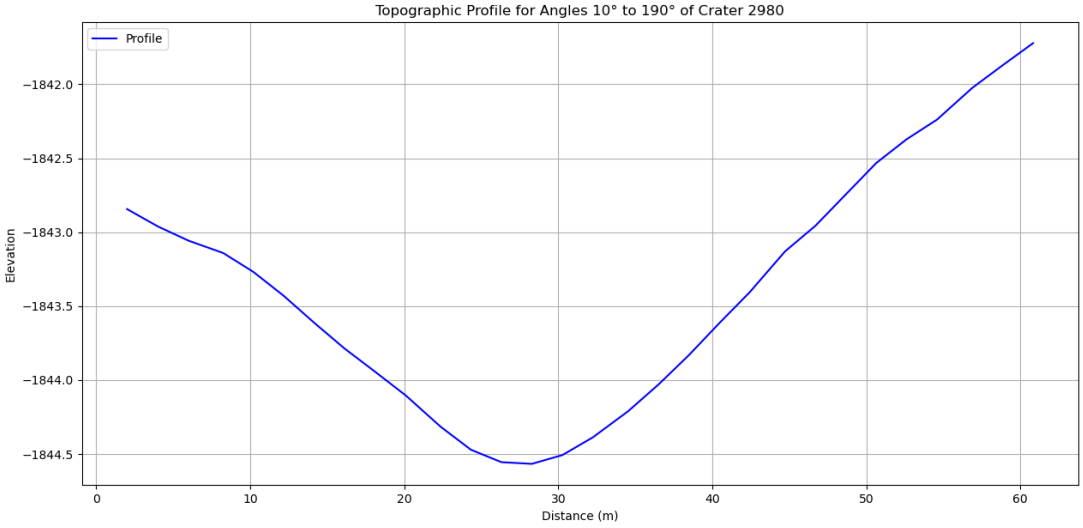
Topographic roughness index (TRI)

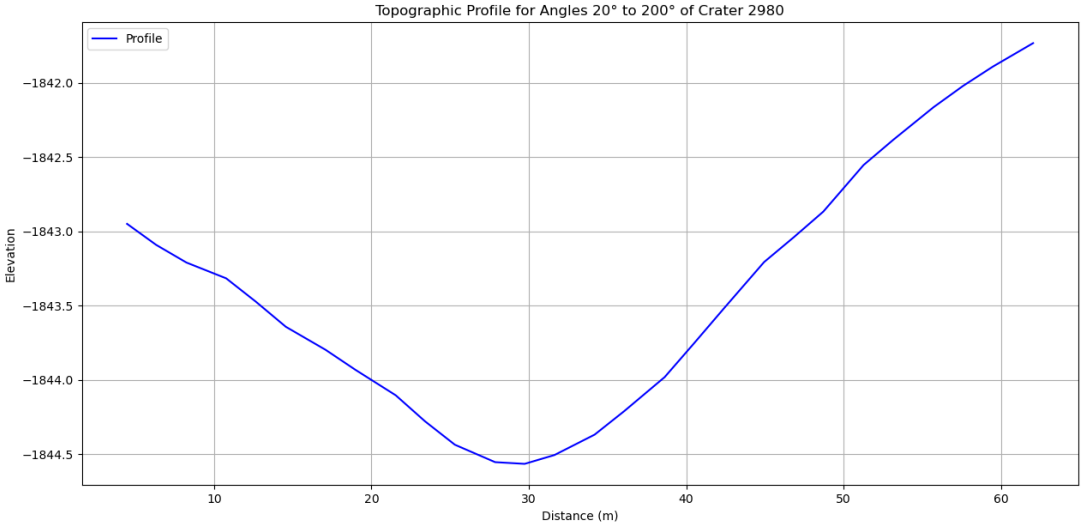
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

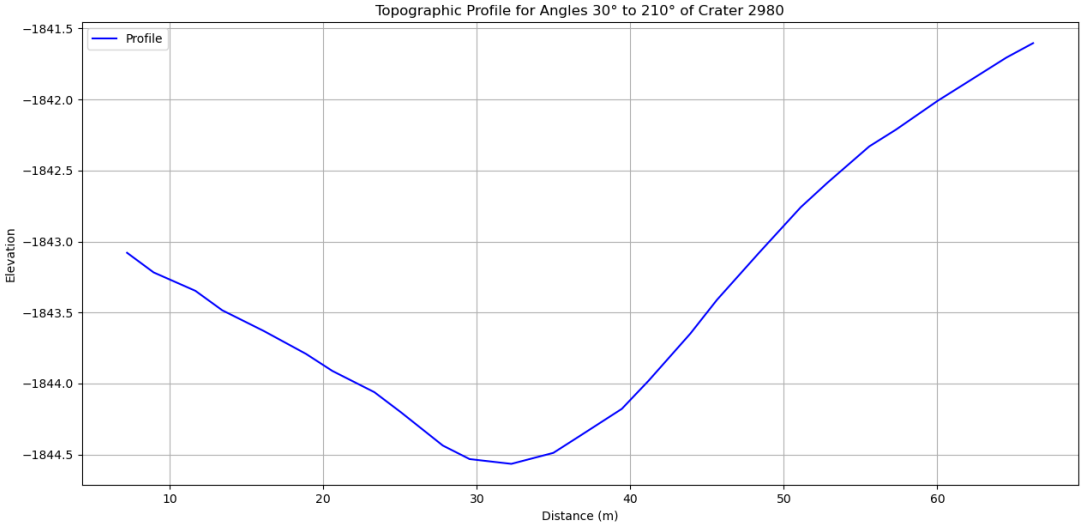


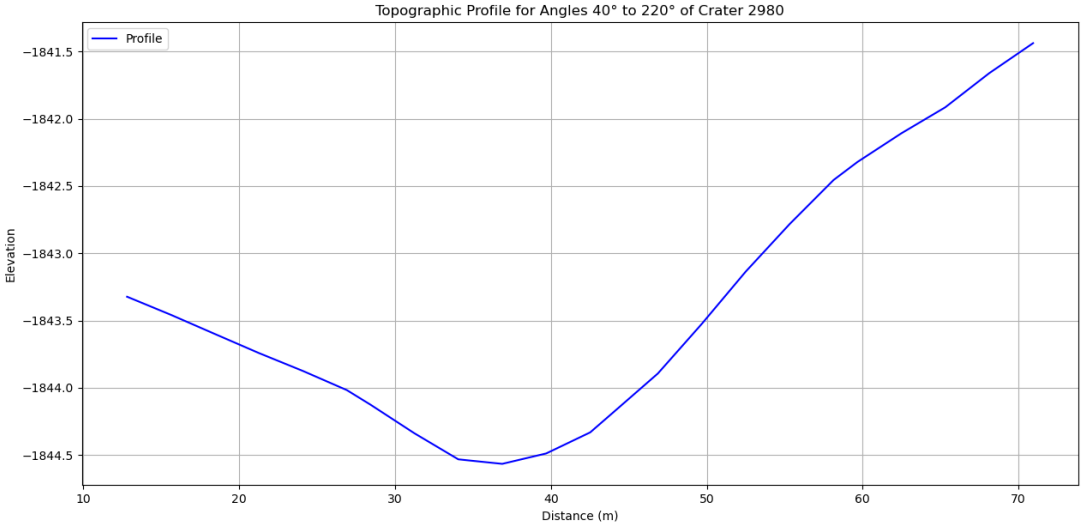
Topographic profiles

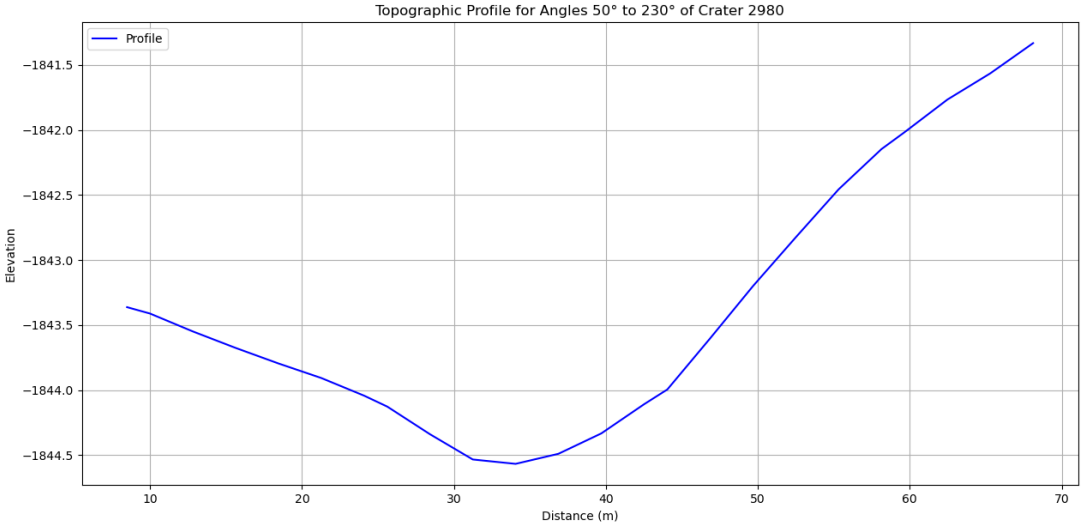


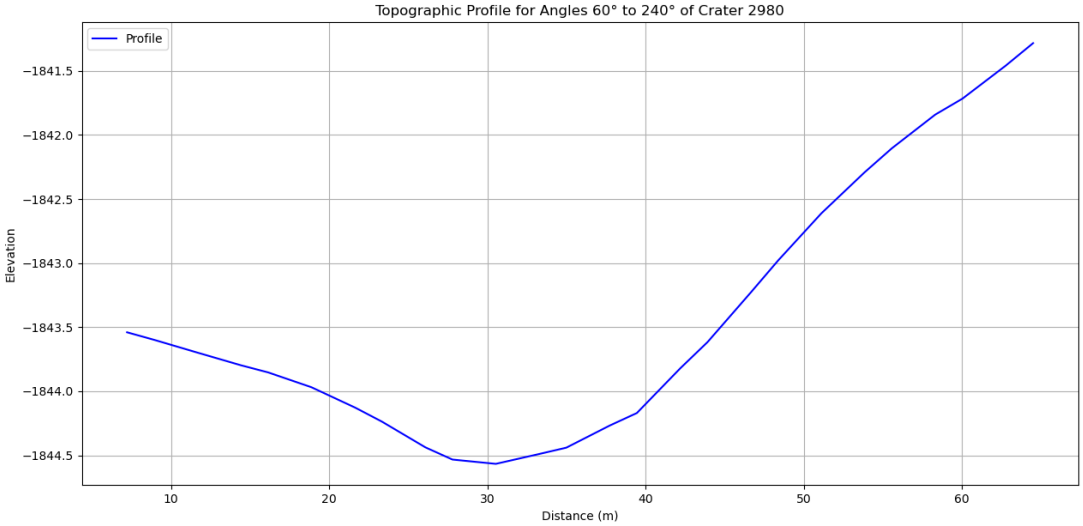

Topographic Profile for Angles 10° to 190° of Crater 2980
Profile
Elevation
Distance (m)
−1842.0
−1842.5
−1843.0
−1843.5
−1844.0
−1844.5
0
10
20
30
40
50
60

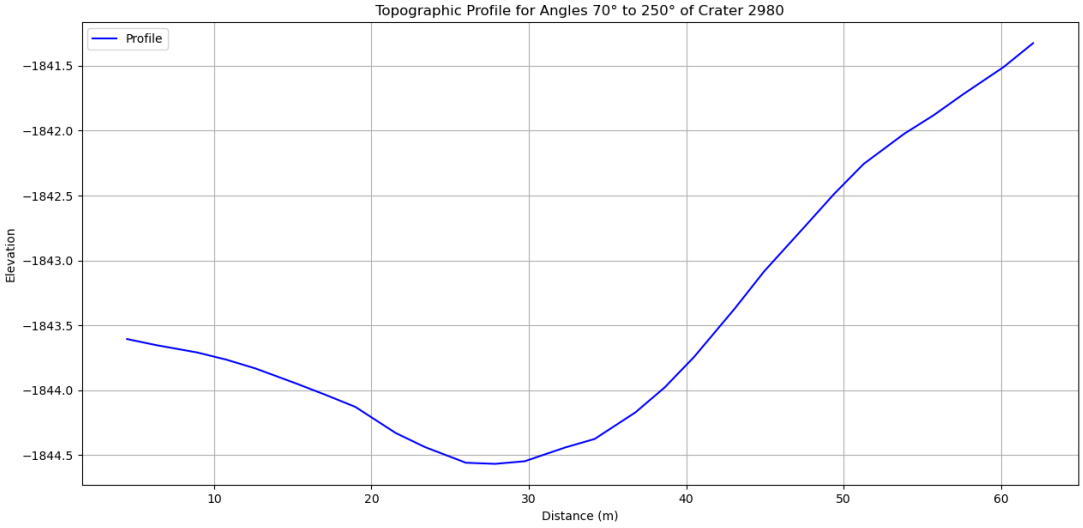

Topographic Profile for Angles 20° to 200° of Crater 2980
Profile
Elevation
Distance (m)
−1842.0
−1842.5
−1843.0
−1843.5
−1844.0
−1844.5
10
20
30
40
50
60


Topographic Profile for Angles 30° to 210° of Crater 2980
Profile
Elevation
Distance (m)
−1841.5
−1842.0
−1842.5
−1843.0
−1843.5
−1844.0
−1844.5
10
20
30
40
50
60


Topographic Profile for Angles 40° to 220° of Crater 2980
Profile
Elevation
Distance (m)
−1841.5
−1842.0
−1842.5
−1843.0
−1843.5
−1844.0
−1844.5
10
20
30
40
50
60
70


Topographic Profile for Angles 50° to 230° of Crater 2980
Profile
Elevation
−1841.5
−1842.0
−1842.5
−1843.0
−1843.5
−1844.0
−1844.5
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 2980
Profile
Elevation
−1841.5
−1842.0
−1842.5
−1843.0
−1843.5
−1844.0
−1844.5
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 2980
Profile
Elevation
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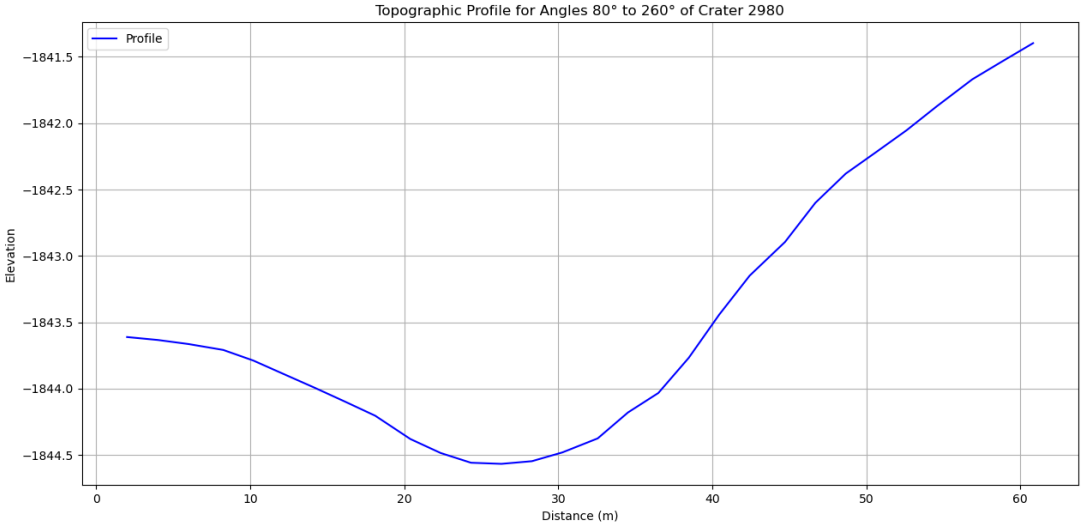
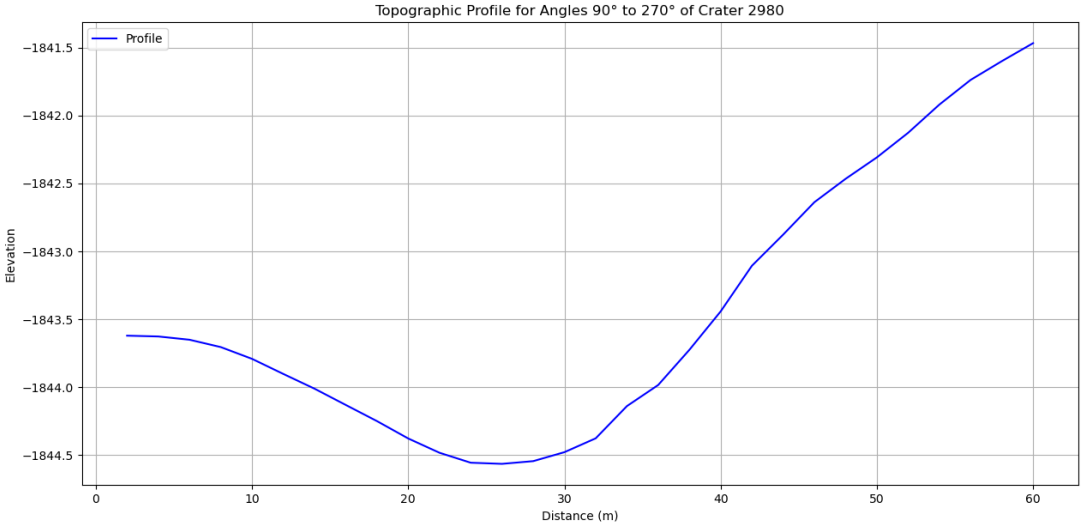
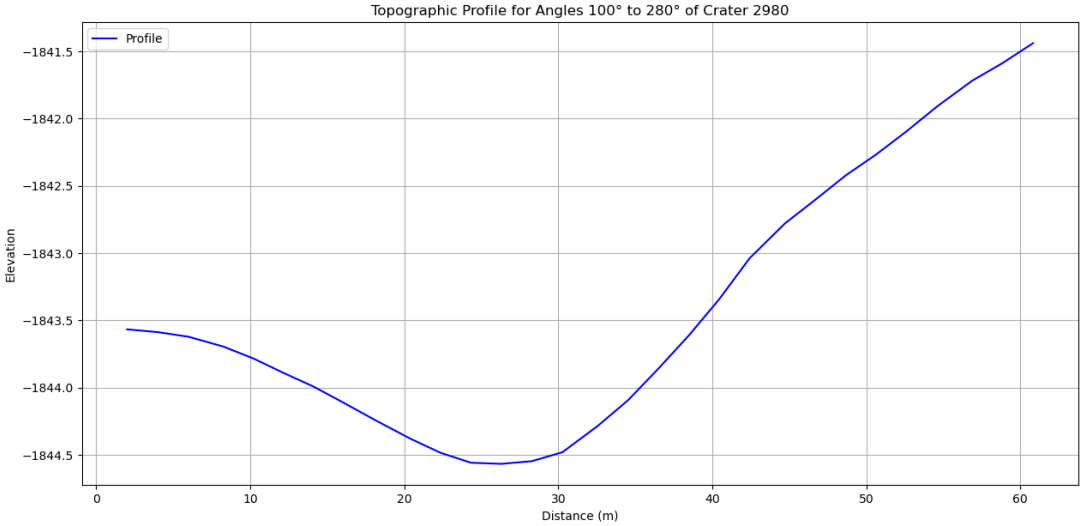
−1842.0
−1842.5
−1843.0
−1843.5
−1844.0
−1844.5
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 2980
Profile
Elevation
−1841.5
−1842.0
−1842.5
−1843.0
−1843.5
−1844.0
−1844.5
0
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 2980
Profile
Elevation
−1841.5
−1842.0
−1842.5
−1843.0
−1843.5
−1844.0
−1844.5
0
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 2980
Profile
Elevation
−1841.5
−1842.0
−1842.5
−1843.0
−1843.5
−1844.0
−1844.5
0
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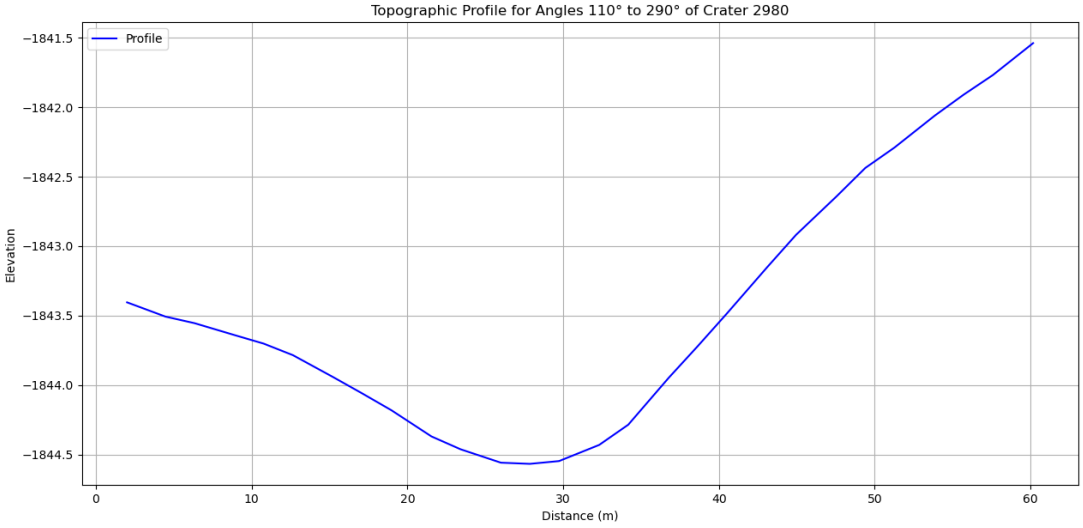
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 2980
Profile
Elevation
Distance (m)
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−1842.0
−1842.5
−1843.0
−1843.5
−1844.0
−1844.5
0
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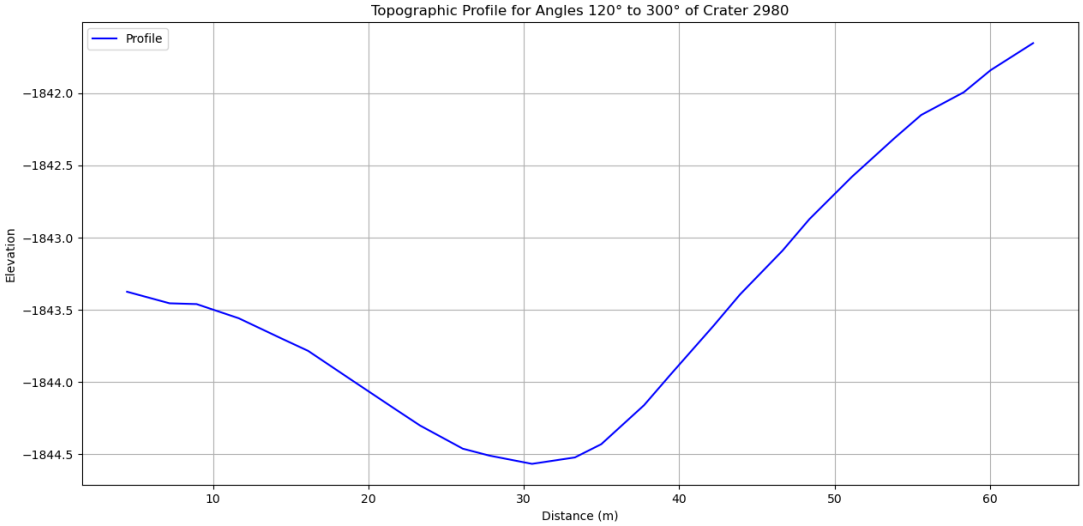
Topographic Profile for Angles 120° to 300° of Crater 2980
Profile
Elevation
Distance (m)
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−1842.5
−1843.0
−1843.5
−1844.0
−1844.5
10
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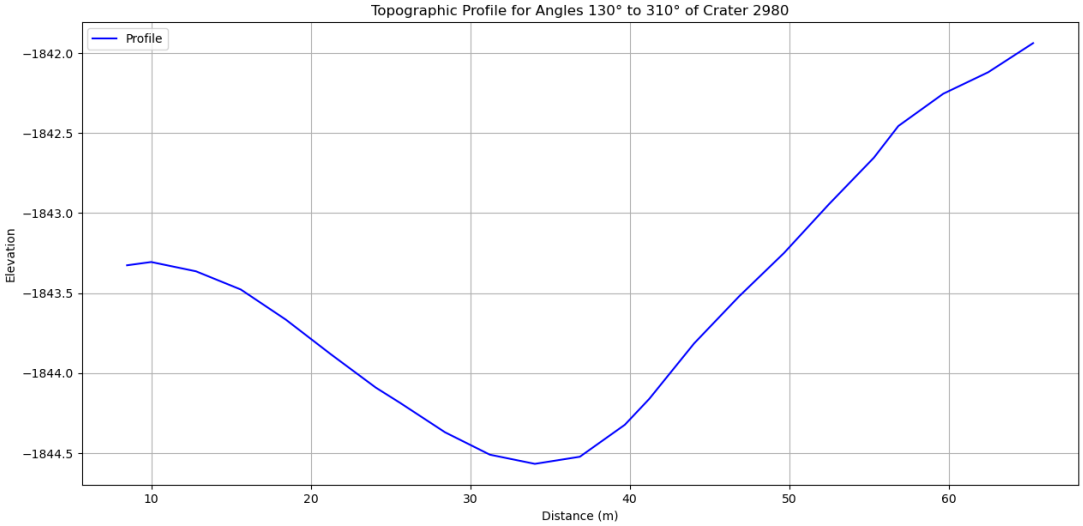
Topographic Profile for Angles 130° to 310° of Crater 2980
Profile
Elevation
Distance (m)
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−1842.5
−1843.0
−1843.5
−1844.0
−1844.5
10
20
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40
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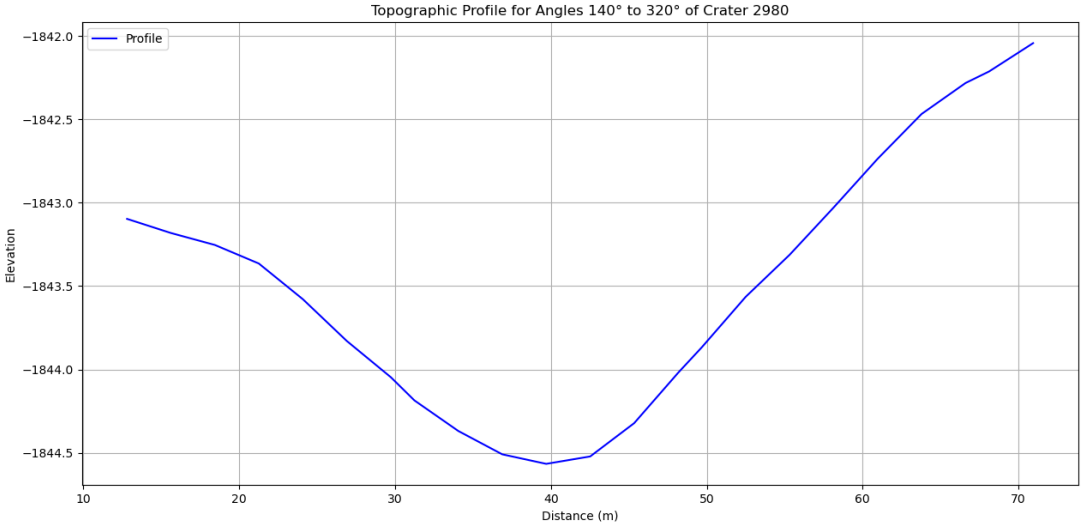
Topographic Profile for Angles 140° to 320° of Crater 2980
Profile
Elevation
Distance (m)
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−1842.5
−1843.0
−1843.5
−1844.0
−1844.5
10
20
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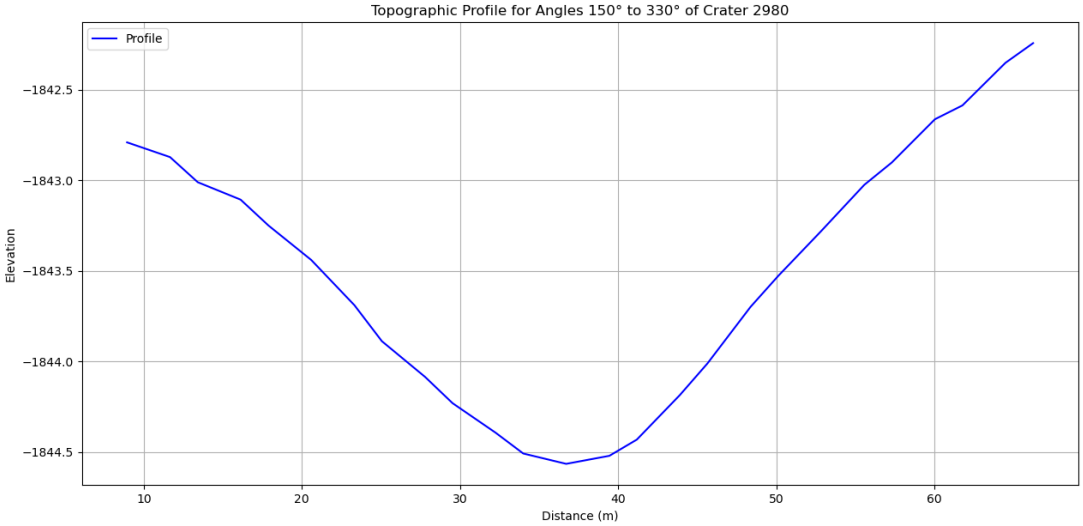
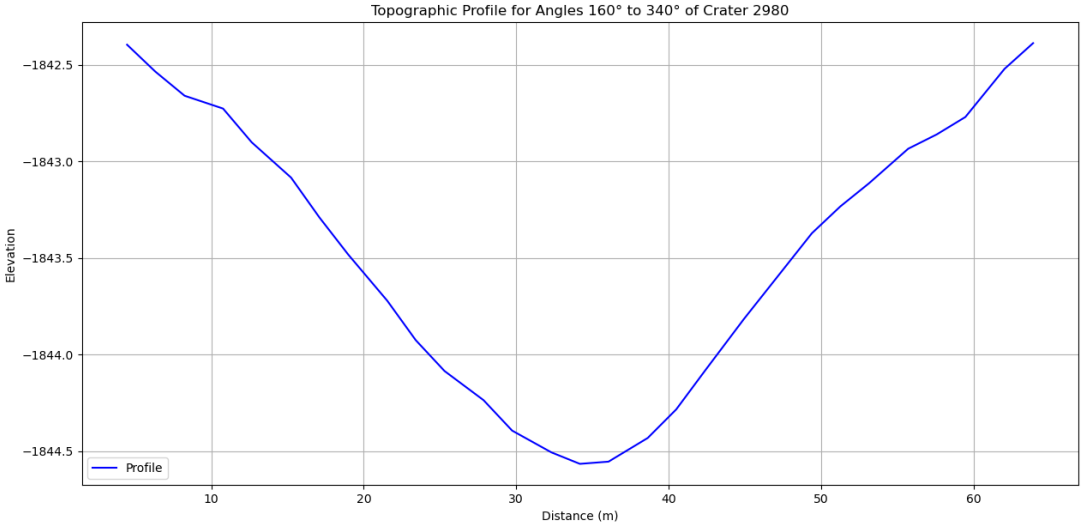
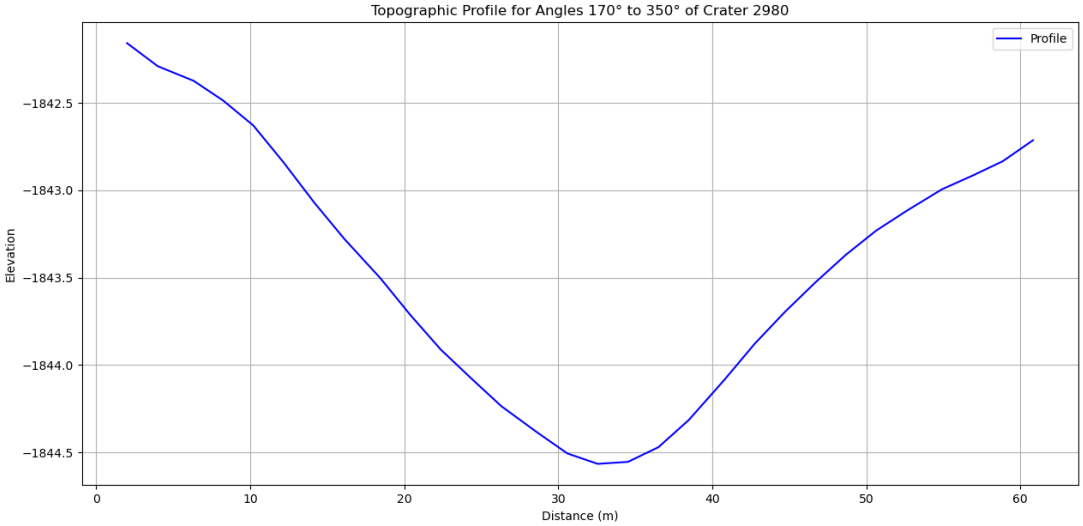

Topographic Profile for Angles 150° to 330° of Crater 2980
Profile
−1842.5
−1843.0
−1843.5
−1844.0
−1844.5
Elevation
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 2980
−1842.5
−1843.0
−1843.5
−1844.0
−1844.5
Elevation
Profile
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 2980
Profile
Elevation
−1842.5
−1843.0
−1843.5
−1844.0
−1844.5
0
10
20
30
40
50
60
Distance (m)