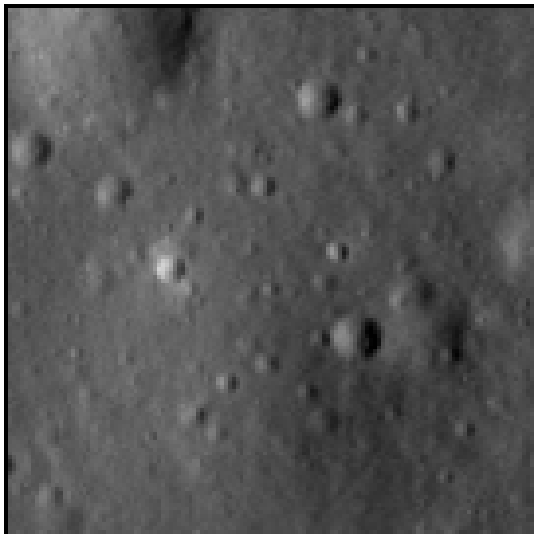
Crater report 2633 of RG2

General information



ID : 2633

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 67m ± 4.0m

Mean depht : 2.3m ± 0.3m

d/D ratio : 0.034 ± 0.005

Circularity index : 0.9

Slope : Between 3.34° et 6.33°

Mean value of TRI on the rim crest : 0.04

Geometric center coordinates : (3656076.0853391928, 215074.95500227864)

Coordinates of the crater's lowest point : (3656075.0000011004, 215059.0000000634)

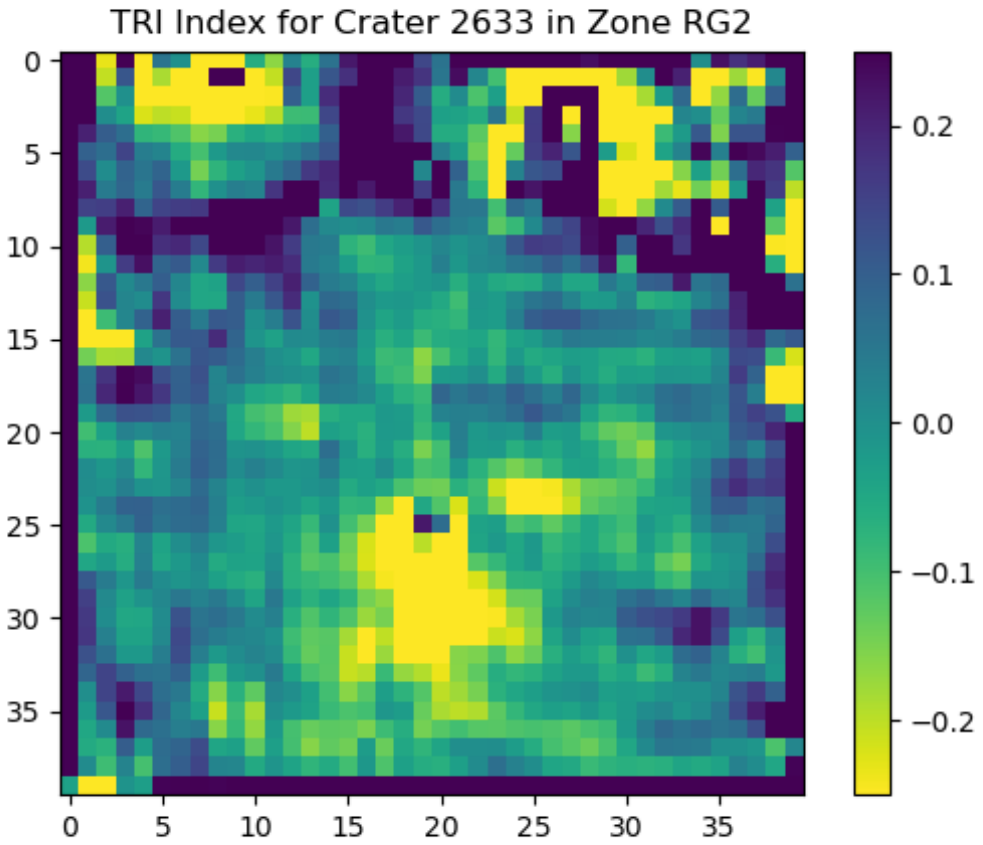
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	4.64	0.57
10°	4.35	0.54
20°	4.47	0.51
30°	4.55	0.48
40°	4.44	0.42
50°	4.42	0.42
60°	4.21	0.46
70°	4.4	0.51
80°	4.6	0.54
90°	5.05	0.57
100°	5.46	0.55
110°	4.95	0.5

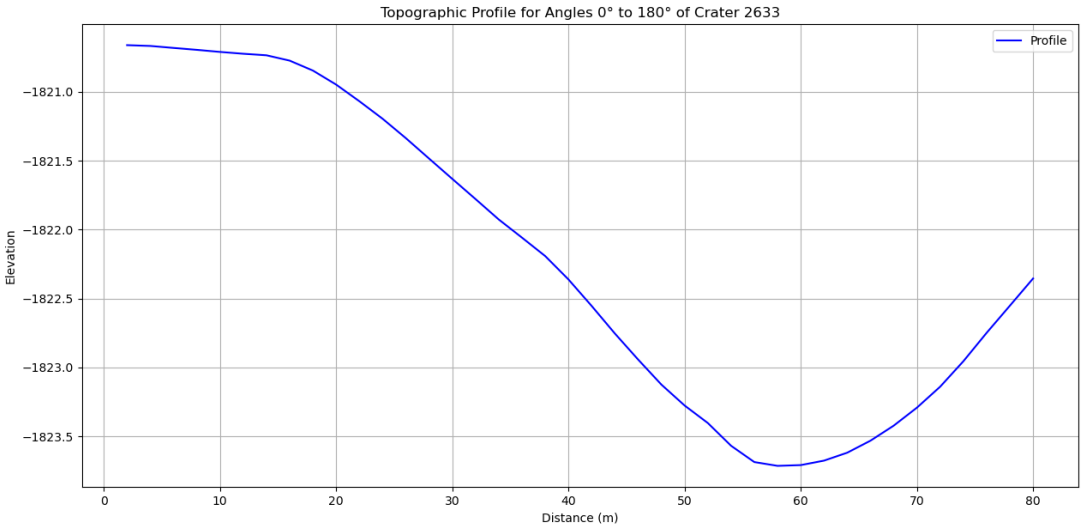
120°	4.79	0.46
130°	4.68	0.44
140°	4.68	0.4
150°	3.85	0.49
160°	3.89	0.46
170°	3.34	0.57
180°	3.74	0.57
190°	3.88	0.57
200°	3.82	0.46
210°	3.47	0.49
220°	4.38	0.4
230°	4.73	0.4
240°	4.66	0.46
250°	5.5	0.53
260°	5.72	0.53
270°	6.33	0.57
280°	6.11	0.53
290°	6.07	0.51
300°	5.91	0.47
310°	5.91	0.43
320°	5.6	0.43
330°	5.24	0.47
340°	4.95	0.52
350°	4.58	0.54

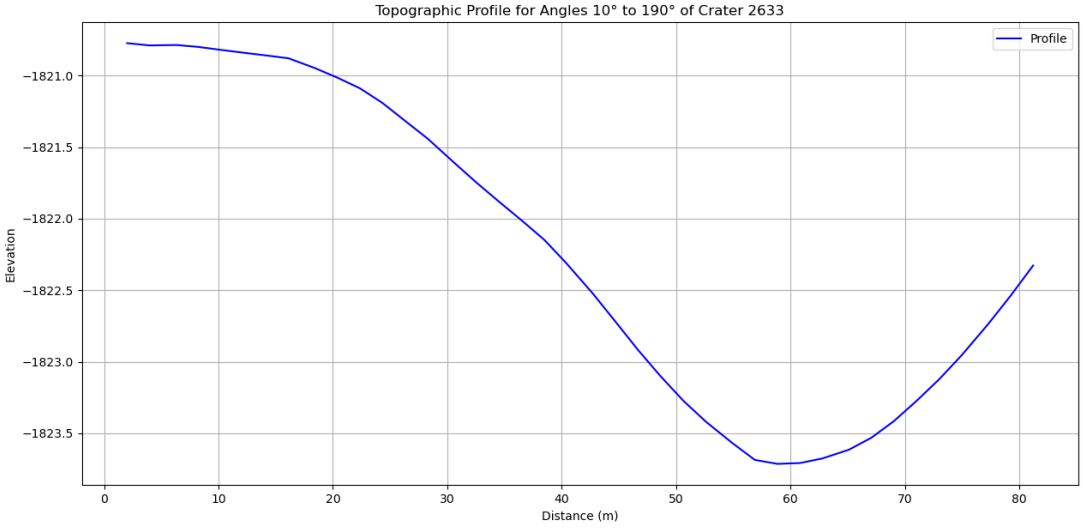
Topographic roughness index (TRI)

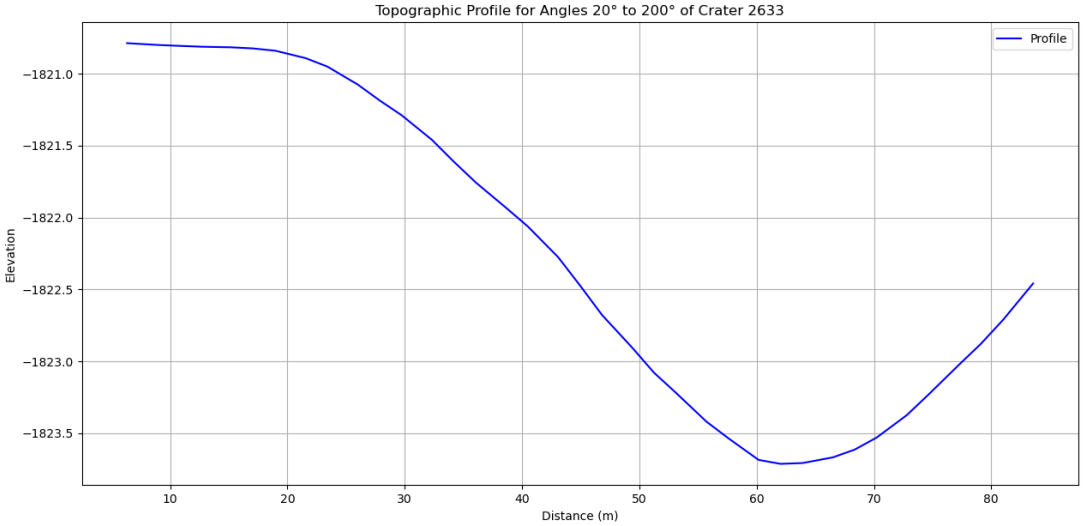
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

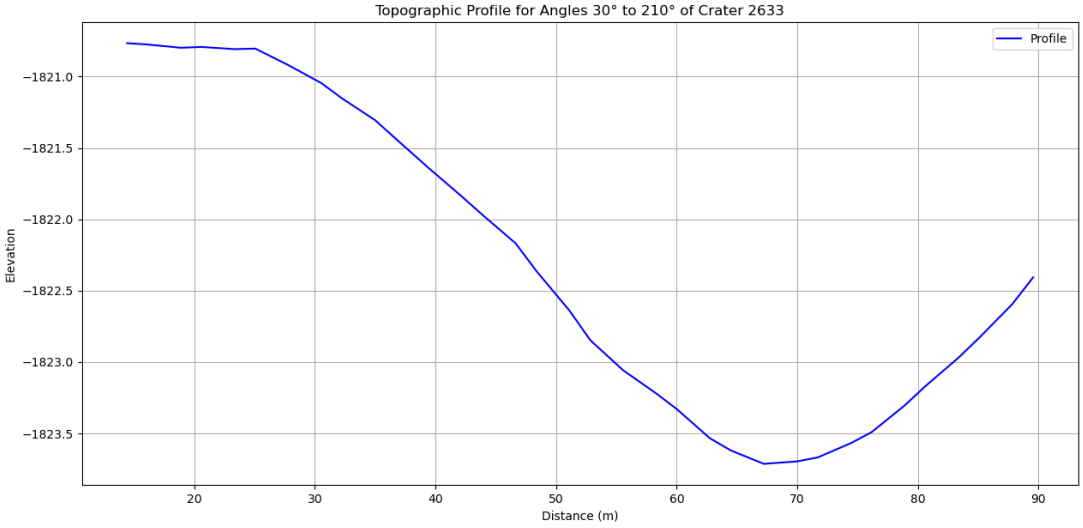


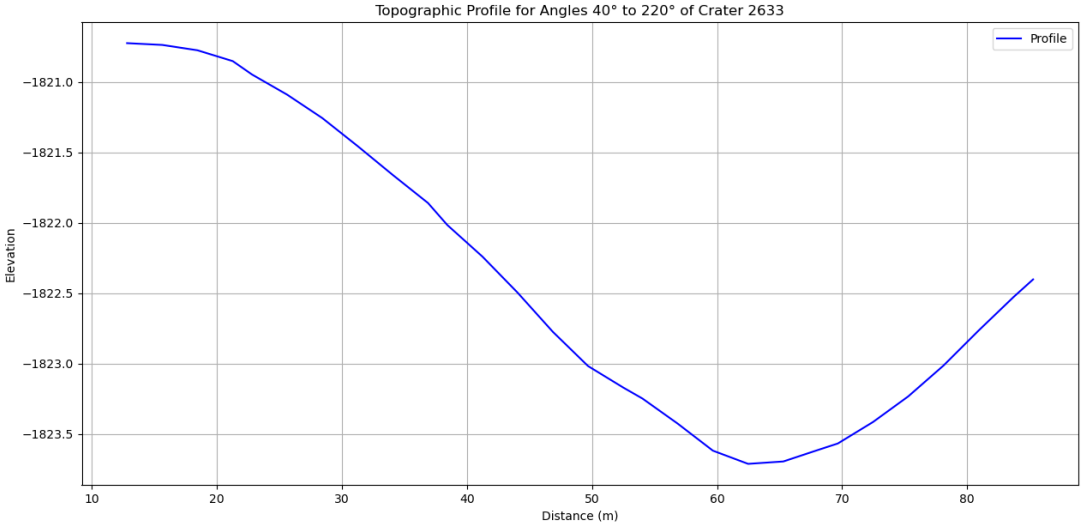
Topographic profiles

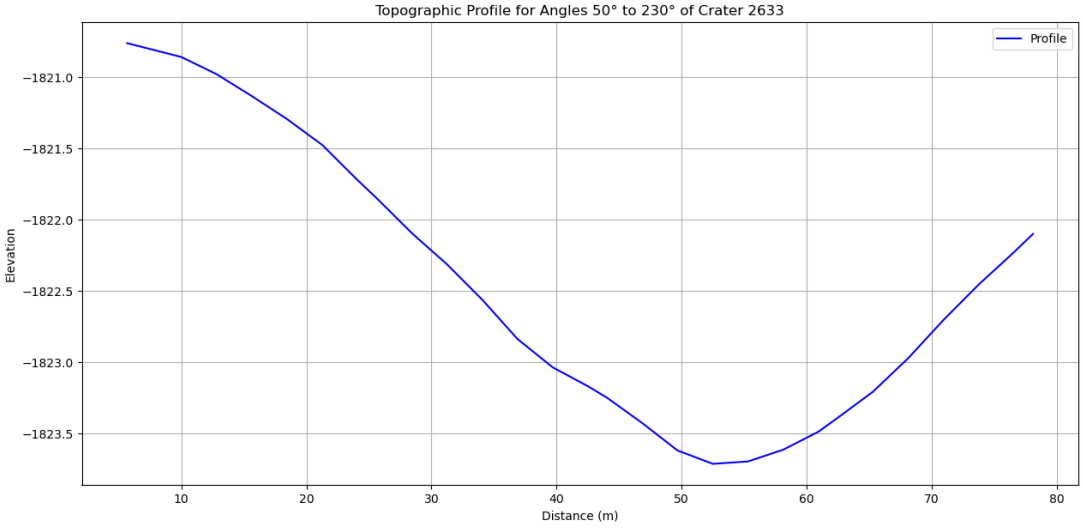


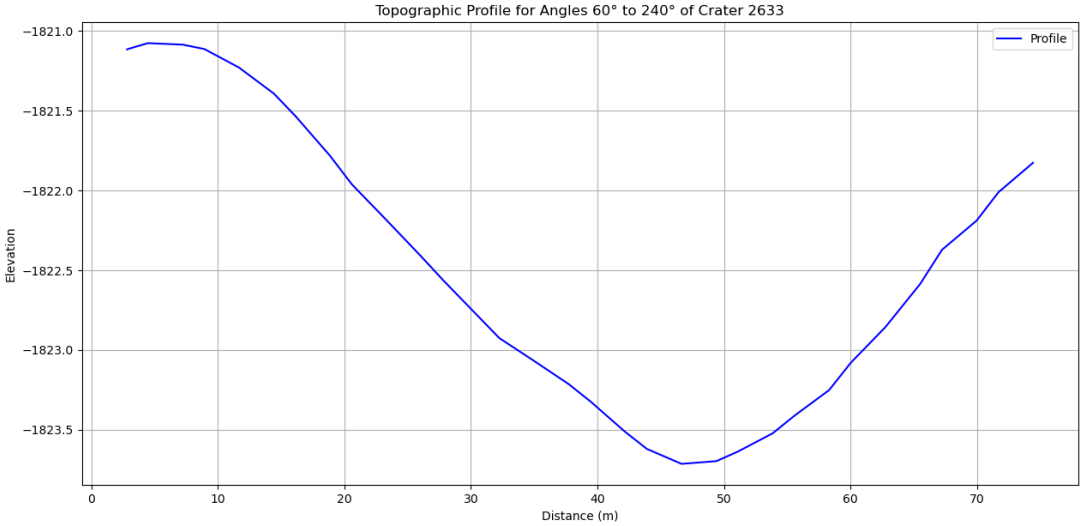

Topographic Profile for Angles 10° to 190° of Crater 2633
Profile
Elevation
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
0
10
20
30
40
50
60
70
80
Distance (m)

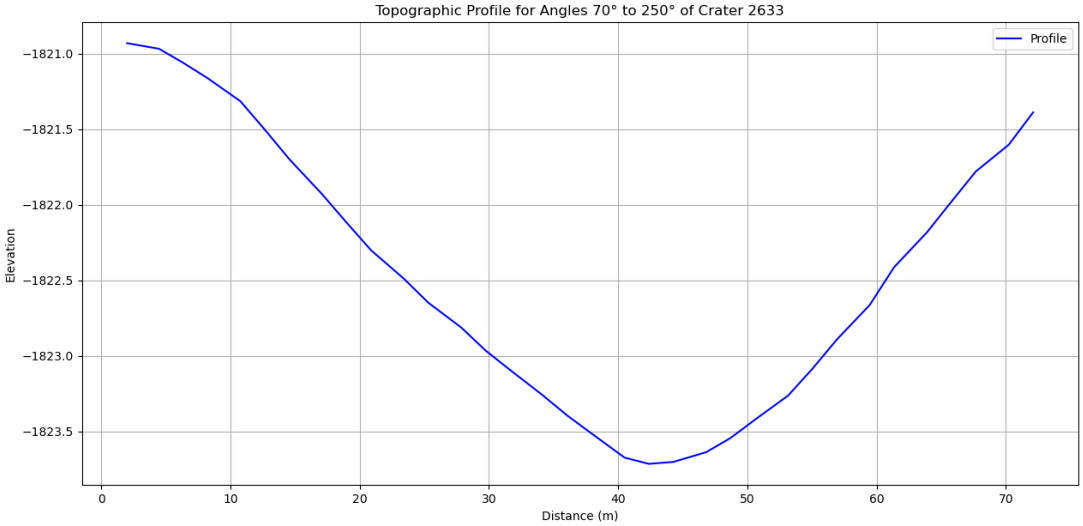

Topographic Profile for Angles 20° to 200° of Crater 2633
Profile
Elevation
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
10
20
30
40
50
60
70
80
Distance (m)

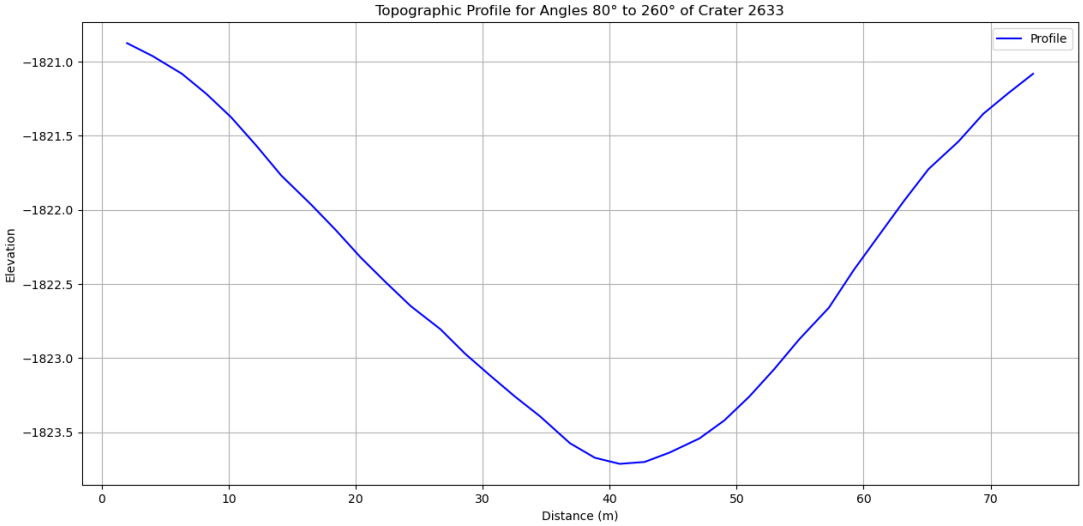

Topographic Profile for Angles 30° to 210° of Crater 2633
Profile
Elevation
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
20
30
40
50
60
70
80
90
Distance (m)

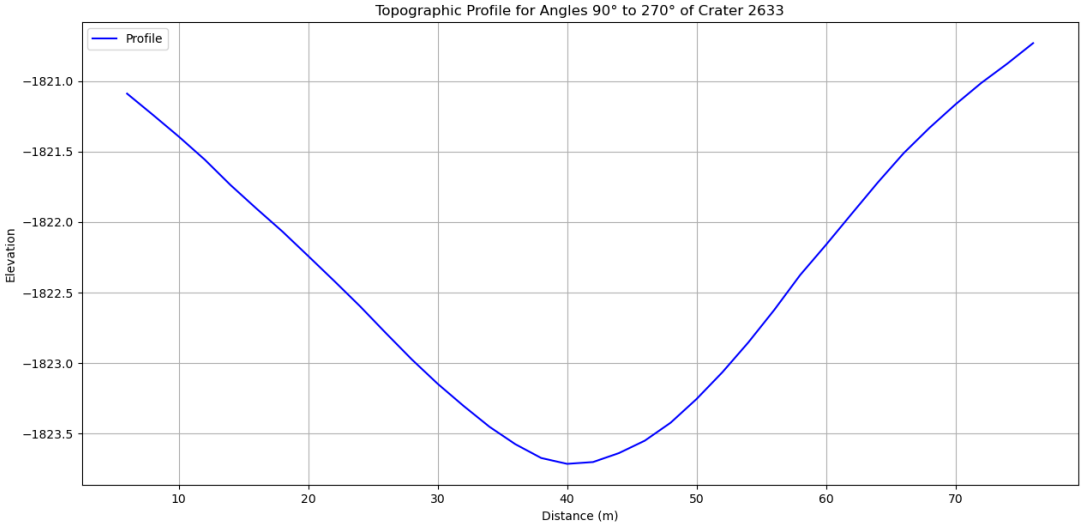

Topographic Profile for Angles 40° to 220° of Crater 2633
Profile
Elevation
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
10
20
30
40
50
60
70
80
Distance (m)

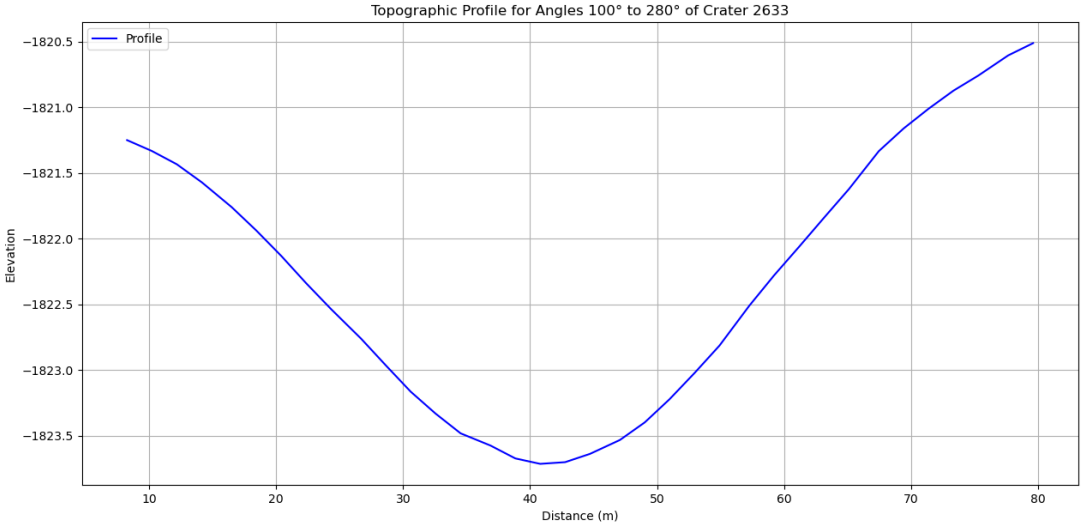

Topographic Profile for Angles 50° to 230° of Crater 2633
Profile
Elevation
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
10
20
30
40
50
60
70
80
Distance (m)

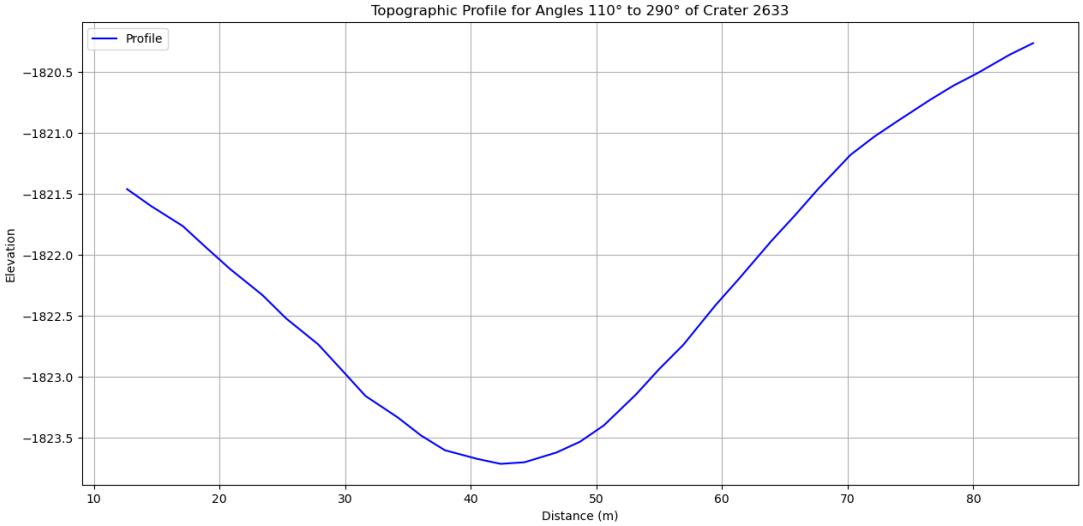

Topographic Profile for Angles 60° to 240° of Crater 2633
Profile
Elevation
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
0
10
20
30
40
50
60
70
Distance (m)

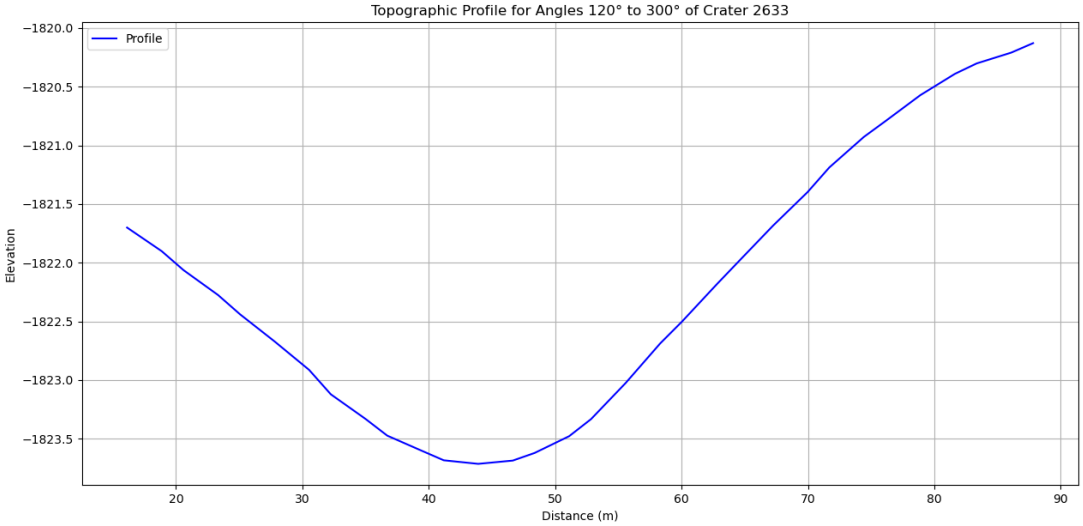

Topographic Profile for Angles 70° to 250° of Crater 2633
Profile
Elevation
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
0
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 2633
Profile
Elevation
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
0
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 2633
Profile
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
Elevation
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 2633
Profile
−1820.5
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
Elevation
10
20
30
40
50
60
70
80
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 2633
Profile
Elevation
−1820.5
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
10
20
30
40
50
60
70
80
Distance (m)


Topographic Profile for Angles 120° to 300° of Crater 2633
Profile
Elevation
−1820.0
−1820.5
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
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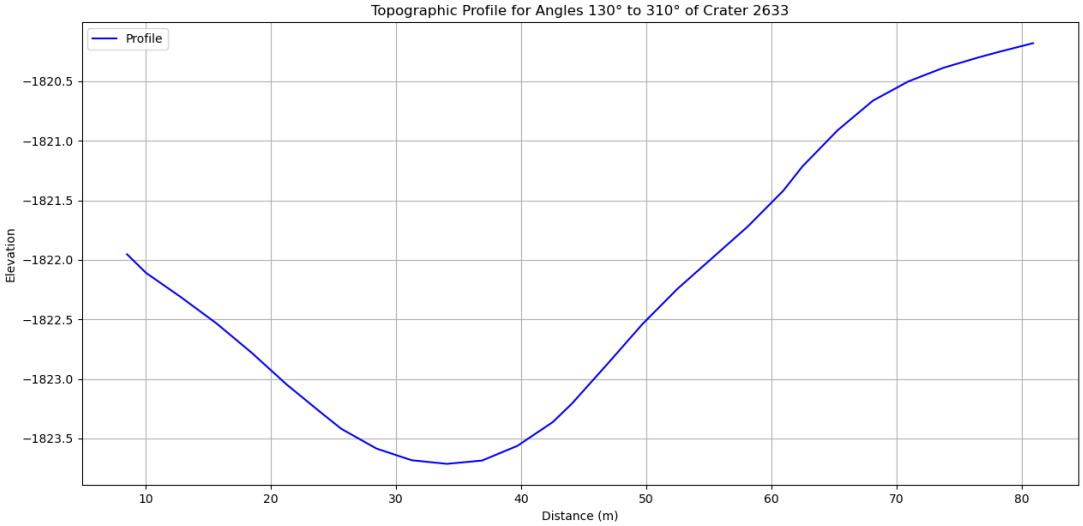
80
90
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 2633
Profile
Elevation
−1820.5
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
10
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30
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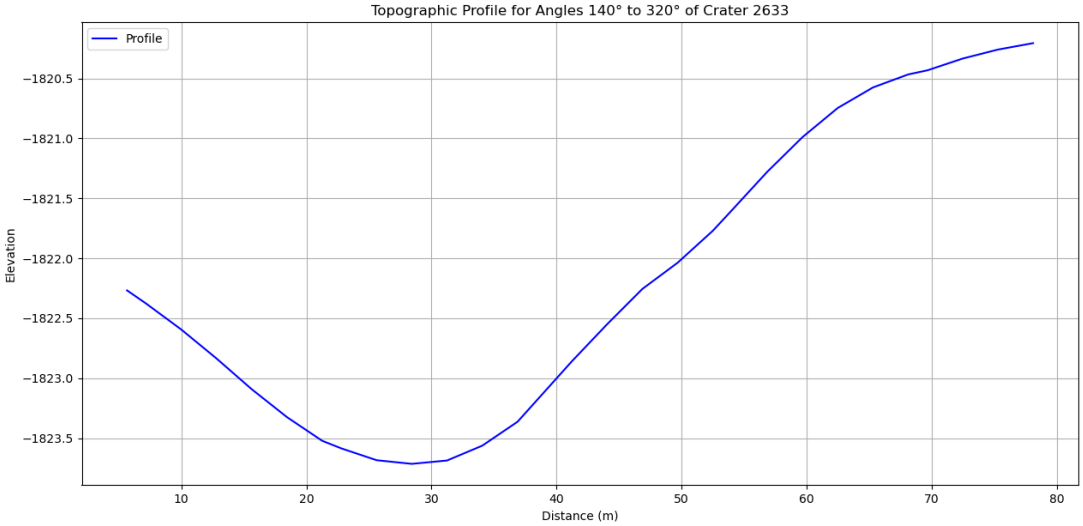
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2633
Profile
Elevation
−1820.5
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
10
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30
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70
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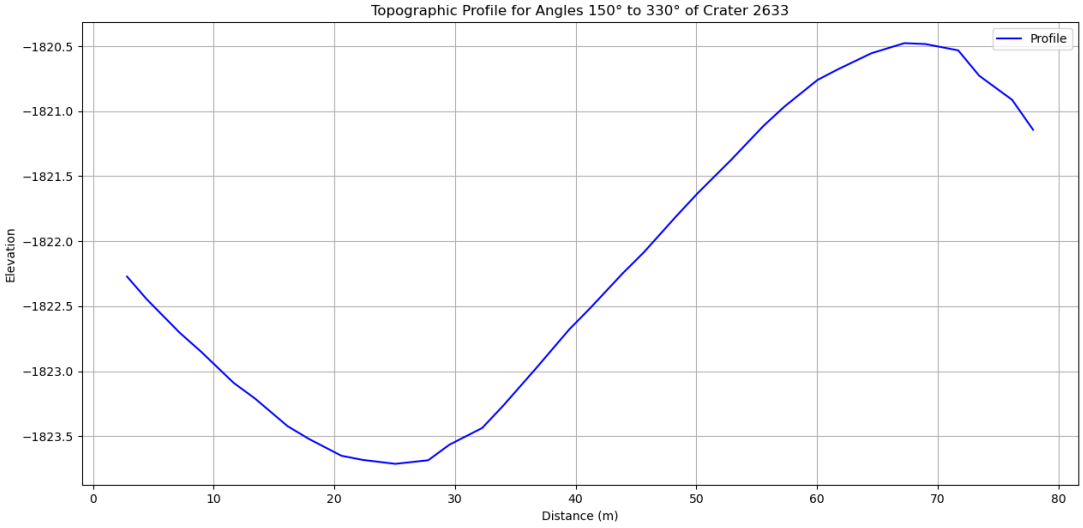
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2633
Profile
Elevation
Distance (m)
−1820.5
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
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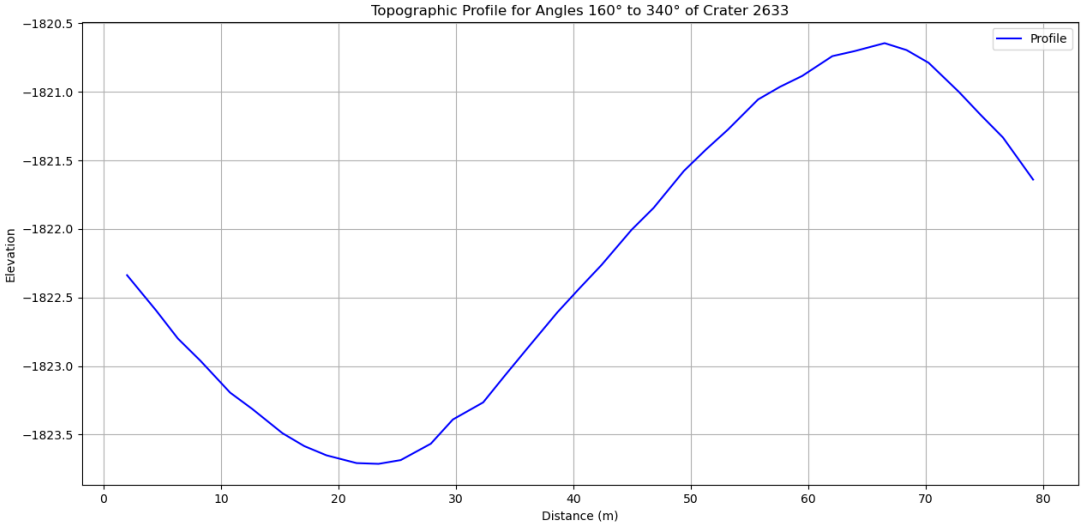
Topographic Profile for Angles 160° to 340° of Crater 2633
Profile
Elevation
Distance (m)
−1820.5
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
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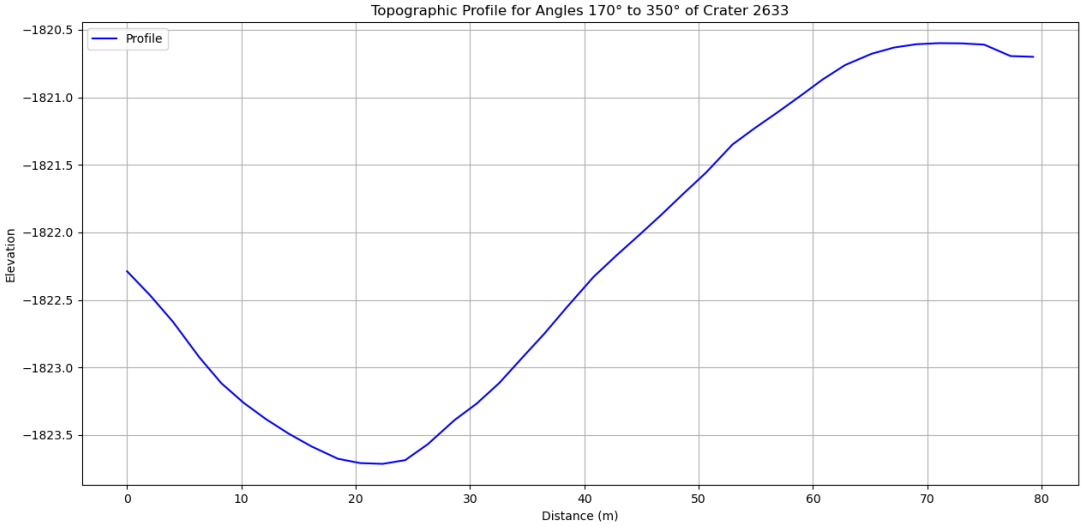
Topographic Profile for Angles 170° to 350° of Crater 2633
Profile
Elevation
Distance (m)
−1820.5
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
0
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