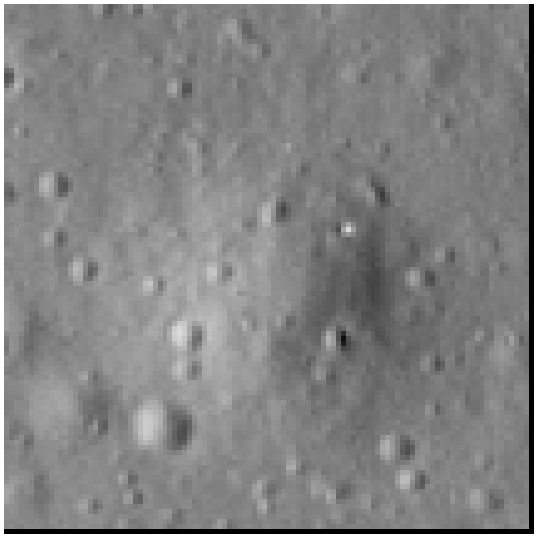
Crater report 1271 of RG2

General information



ID : 1271

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 53m ± 3.0m

Mean depht : 2.1m ± 0.3m

d/D ratio : 0.04 ± 0.006

Circularity index : 0.91

Mean slope : 4.95°

Mean value of TRI on the rim crest : 0.10

Geometric center coordinates : (3657463.7102908315, 226773.10131388382)

Coordinates of the crater's lowest point : (3657467.000001101, 226765.0000000669)

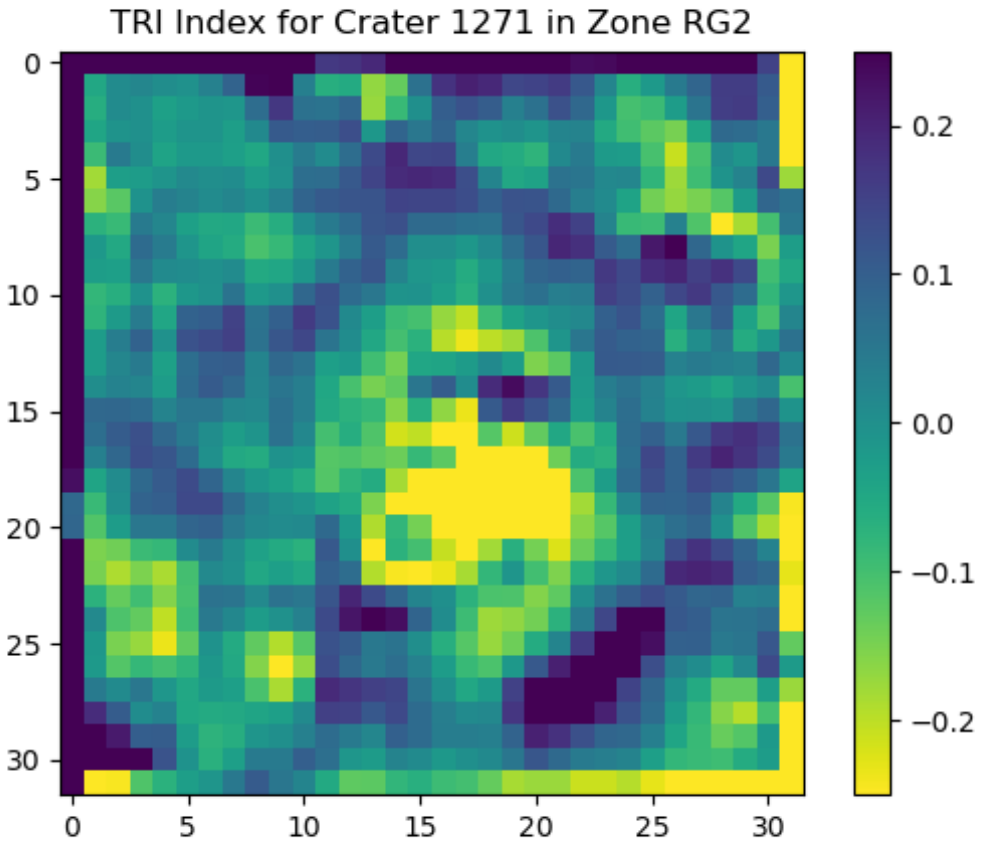
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	6.58	0.57
10°	6.06	0.54
20°	5.73	0.51
30°	5.74	0.47
40°	5.77	0.43
50°	5.18	0.43
60°	4.48	0.47
70°	4.11	0.51
80°	4.13	0.53
90°	3.69	0.57
100°	3.14	0.55
110°	2.8	0.53

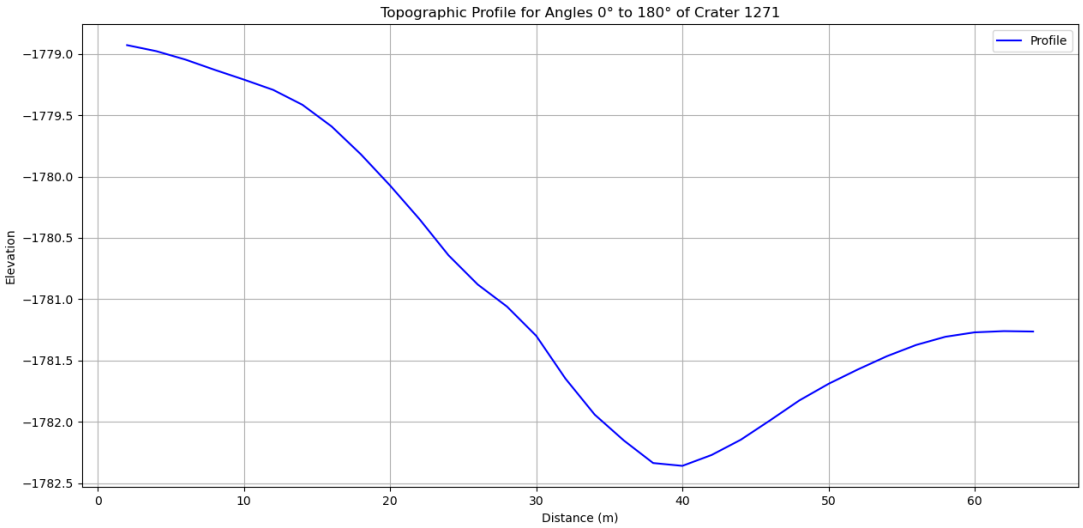
120°	2.62	0.46
130°	2.7	0.44
140°	2.8	0.44
150°	2.86	0.46
160°	3.0	0.52
170°	3.21	0.55
180°	3.66	0.57
190°	3.83	0.55
200°	4.29	0.52
210°	5.22	0.48
220°	5.31	0.43
230°	5.54	0.43
240°	4.92	0.47
250°	5.31	0.52
260°	5.68	0.54
270°	6.54	0.57
280°	6.45	0.54
290°	6.6	0.51
300°	6.78	0.48
310°	6.92	0.44
320°	6.97	0.42
330°	6.47	0.47
340°	6.45	0.51
350°	6.52	0.54

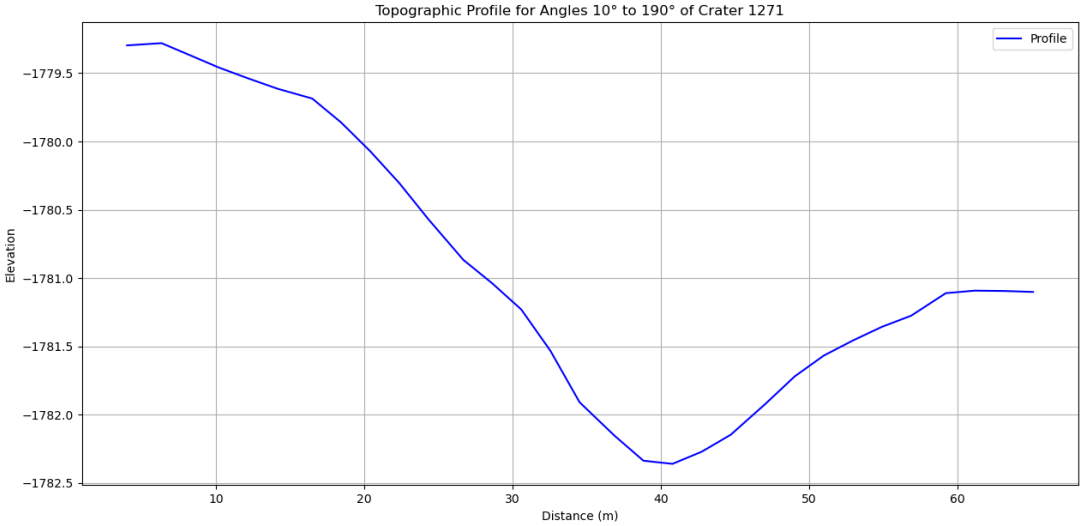
Topographic roughness index (TRI)

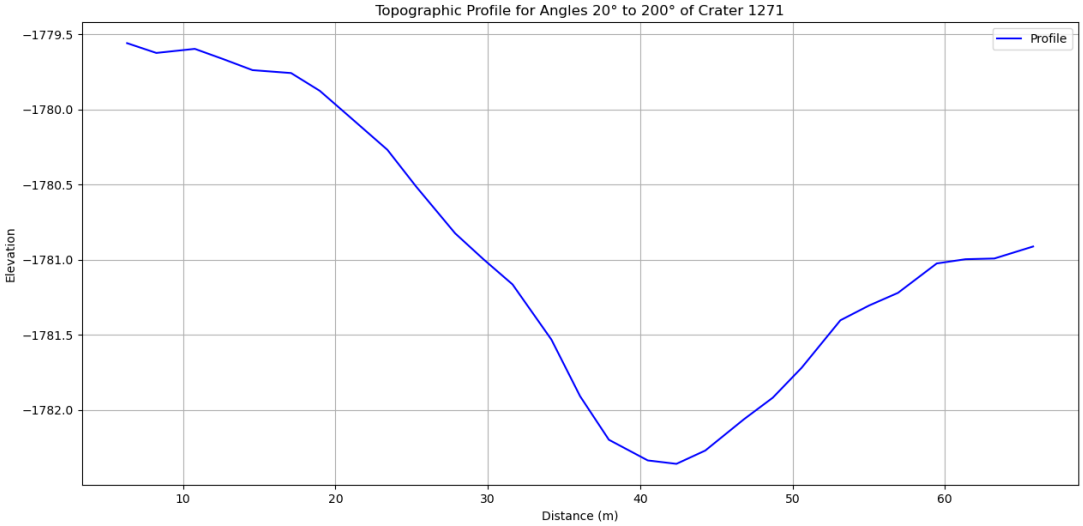
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.



Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 1271
Profile
Elevation
−1779.5
−1780.0
−1780.5
−1781.0
−1781.5
−1782.0
−1782.5
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 1271
Profile
Elevation
−1779.5
−1780.0
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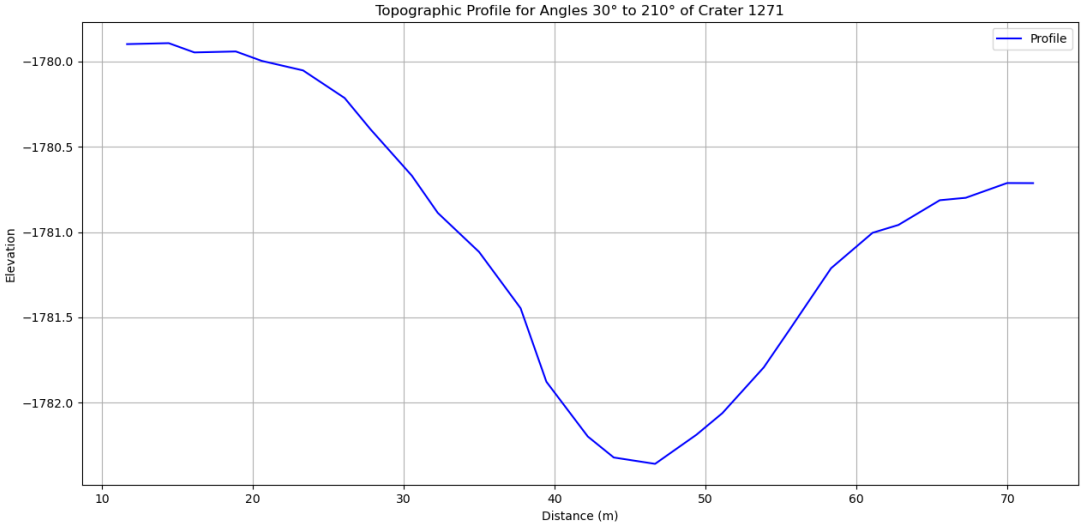
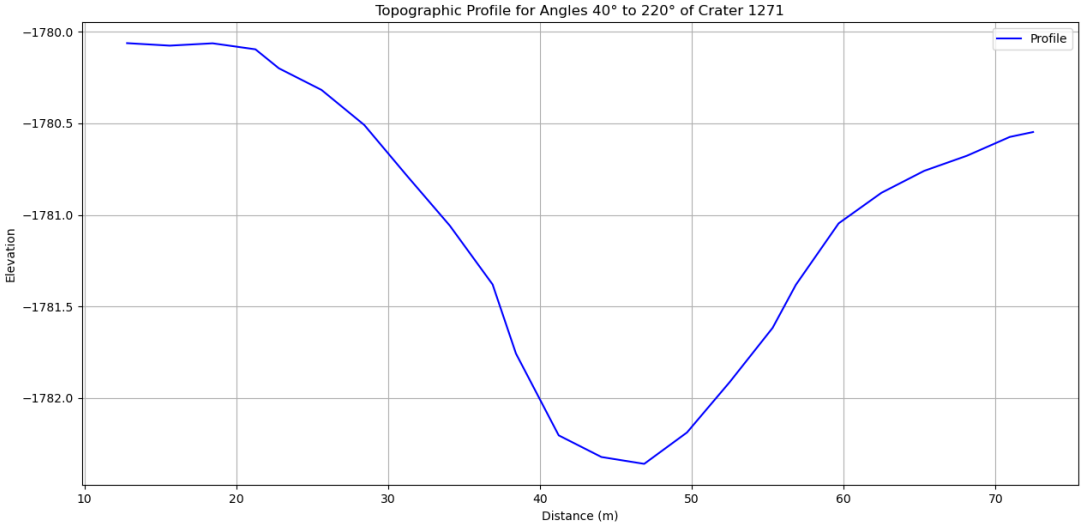
−1781.0
−1781.5
−1782.0
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 1271
Profile
−1780.0
−1780.5
−1781.0
−1781.5
−1782.0
Elevation
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 40° to 220° of Crater 1271
Profile
−1780.0
−1780.5
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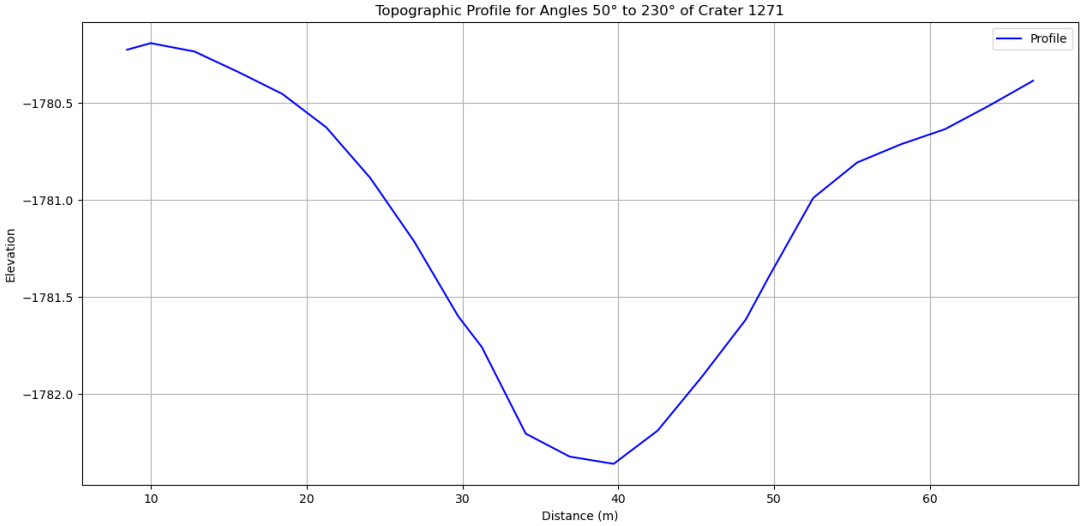
−1781.5
−1782.0
Elevation
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 50° to 230° of Crater 1271
Profile
Elevation
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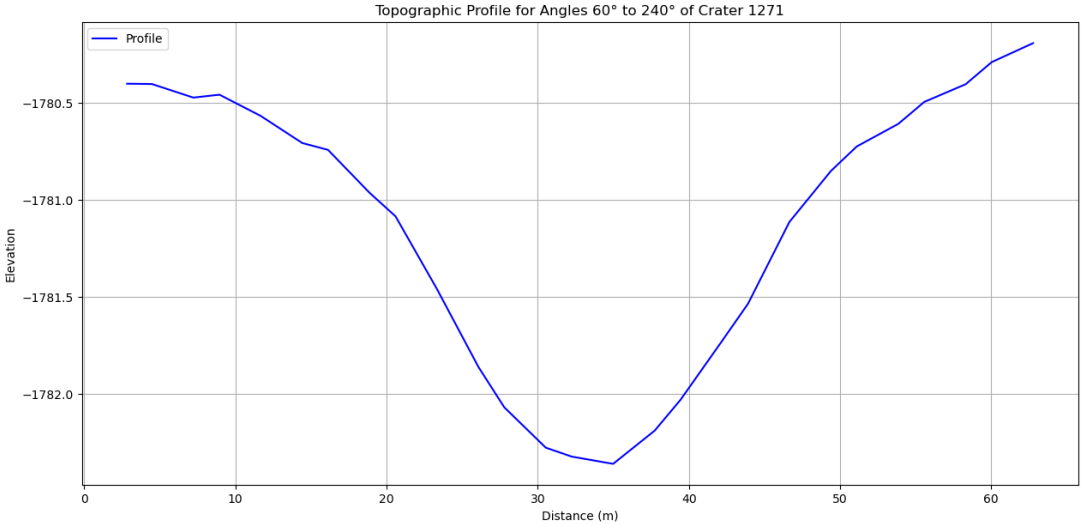
−1781.0
−1781.5
−1782.0
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 1271
Profile
Elevation
−1780.5
−1781.0
−1781.5
−1782.0
0
10
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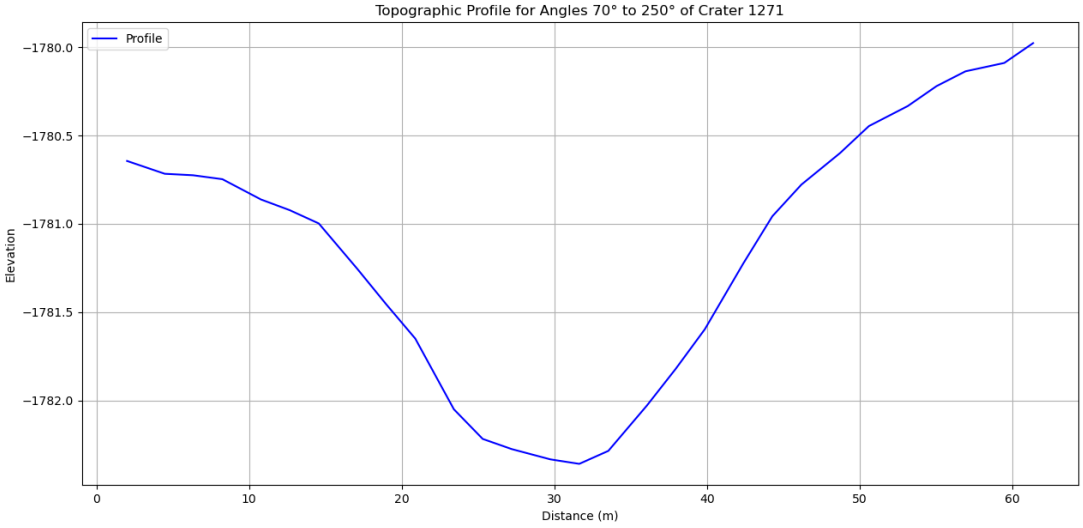
50
60
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 1271
Profile
Elevation
−1780.0
−1780.5
−1781.0
−1781.5
−1782.0
0
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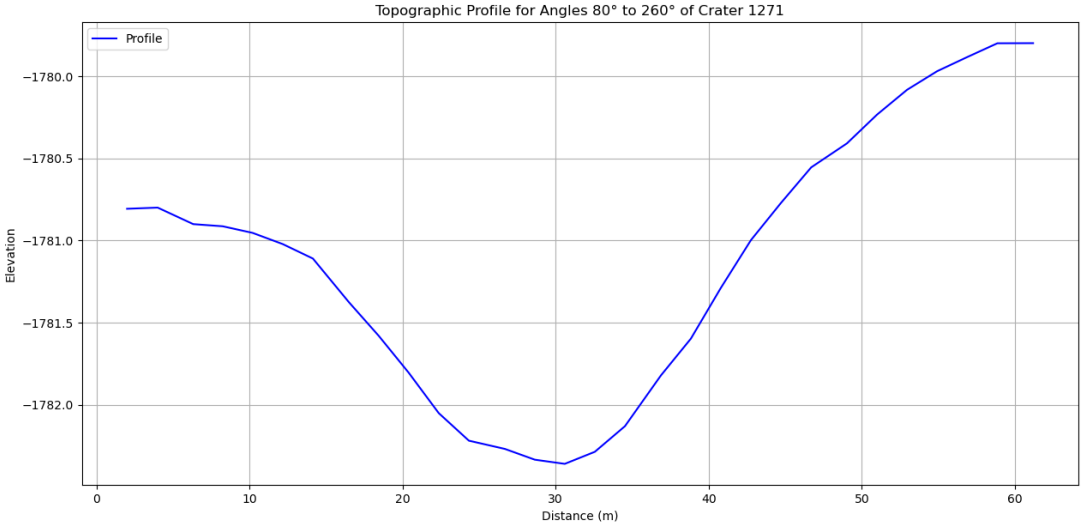
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 1271
Profile
Elevation
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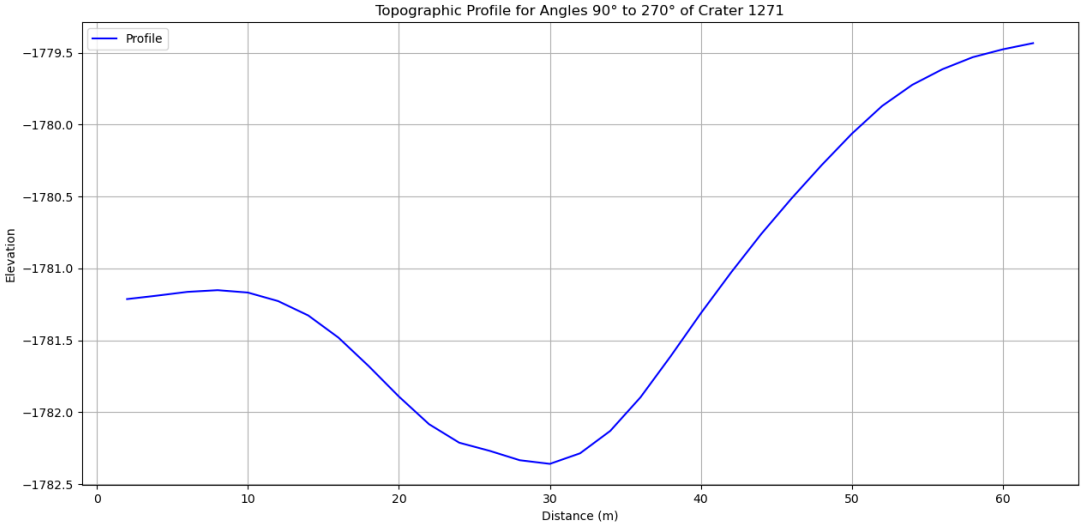
−1781.0
−1781.5
−1782.0
0
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 1271
Profile
Elevation
Distance (m)
−1779.5
−1780.0
−1780.5
−1781.0
−1781.5
−1782.0
−1782.5
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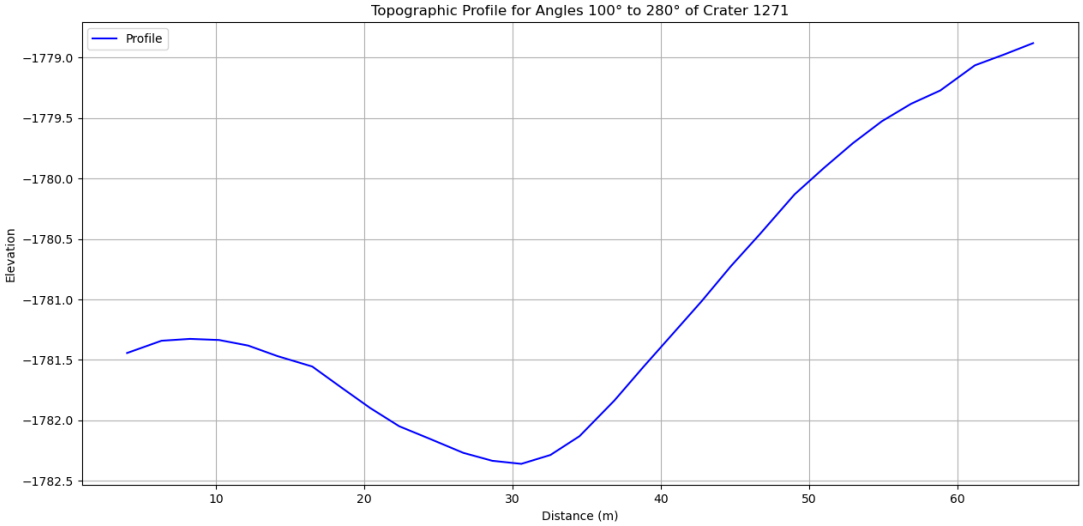
Topographic Profile for Angles 100° to 280° of Crater 1271
Profile
Elevation
Distance (m)
−1779.0
−1779.5
−1780.0
−1780.5
−1781.0
−1781.5
−1782.0
−1782.5
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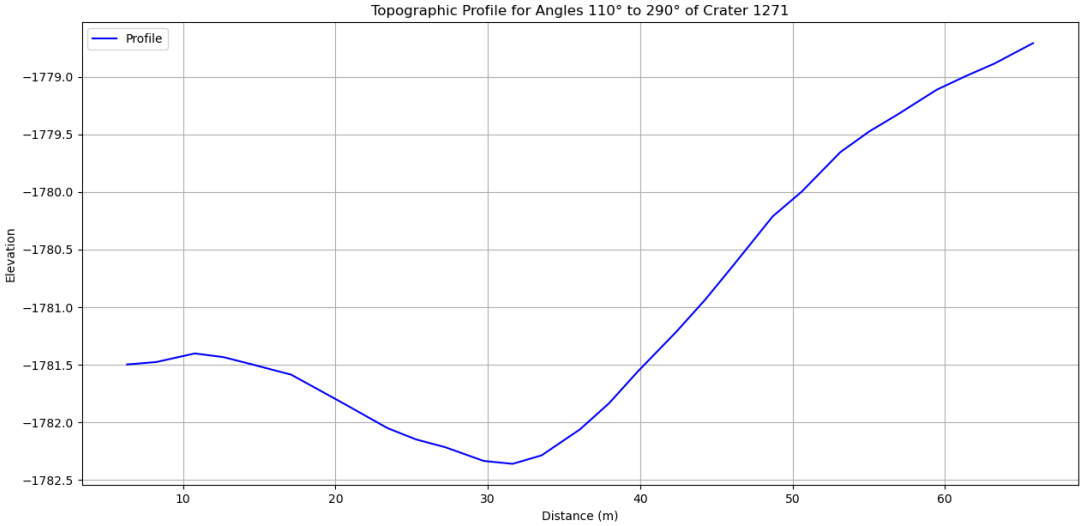
Topographic Profile for Angles 110° to 290° of Crater 1271
Profile
Elevation
Distance (m)
−1779.0
−1779.5
−1780.0
−1780.5
−1781.0
−1781.5
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−1782.5
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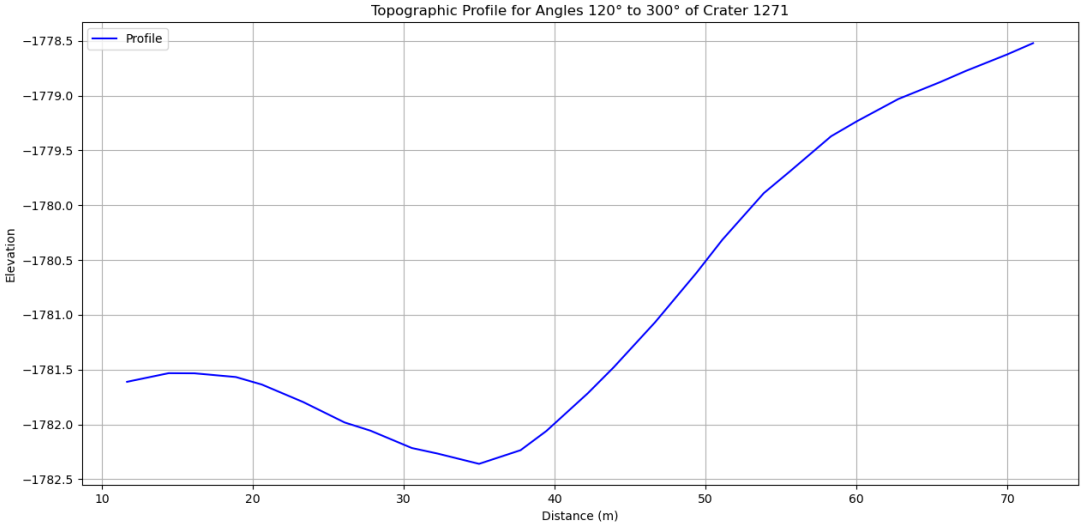
Topographic Profile for Angles 120° to 300° of Crater 1271
Profile
Elevation
Distance (m)
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−1779.0
−1779.5
−1780.0
−1780.5
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−1781.5
−1782.0
−1782.5
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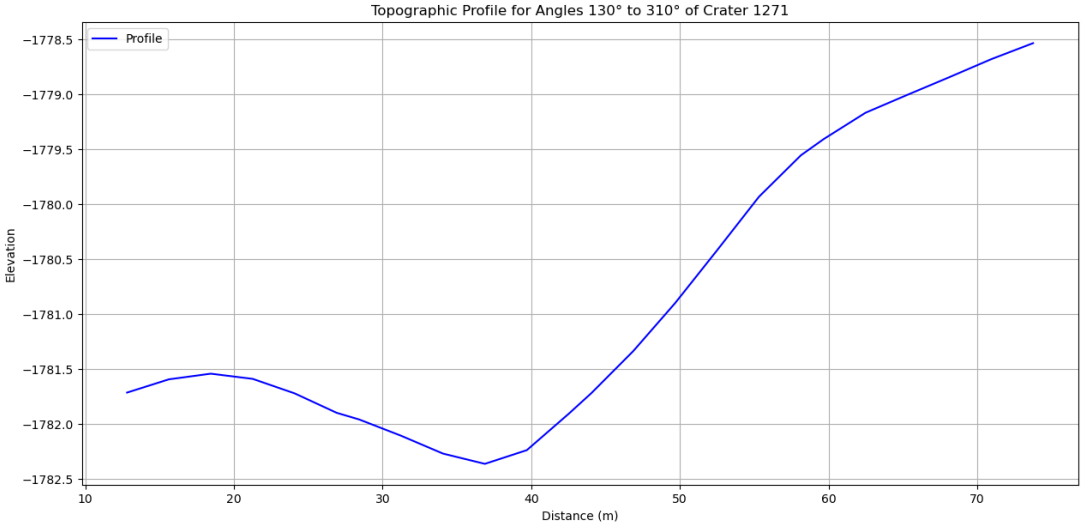
Topographic Profile for Angles 130° to 310° of Crater 1271
Profile
Elevation
Distance (m)
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−1779.0
−1779.5
−1780.0
−1780.5
−1781.0
−1781.5
−1782.0
−1782.5
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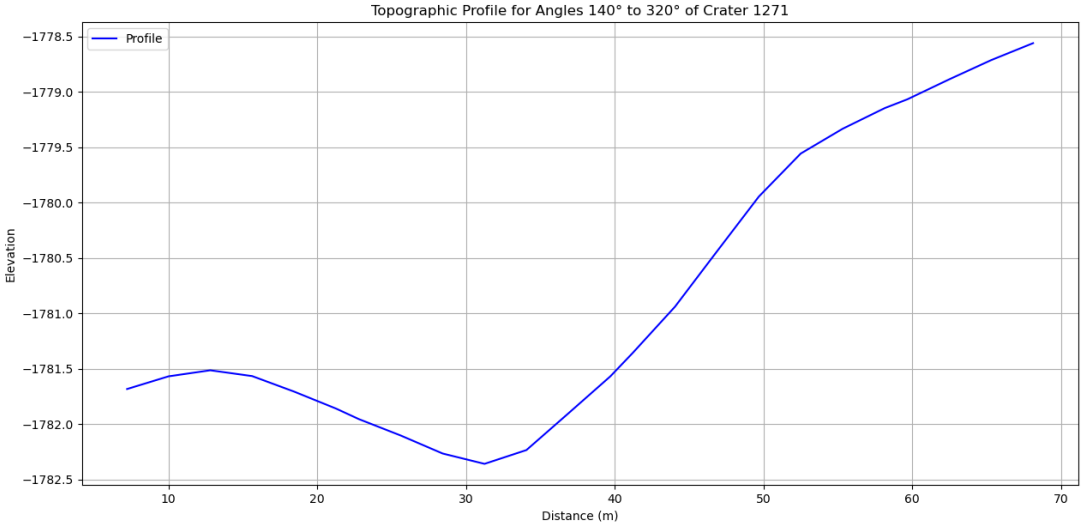
Topographic Profile for Angles 140° to 320° of Crater 1271
Profile
Elevation
Distance (m)
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−1779.0
−1779.5
−1780.0
−1780.5
−1781.0
−1781.5
−1782.0
−1782.5
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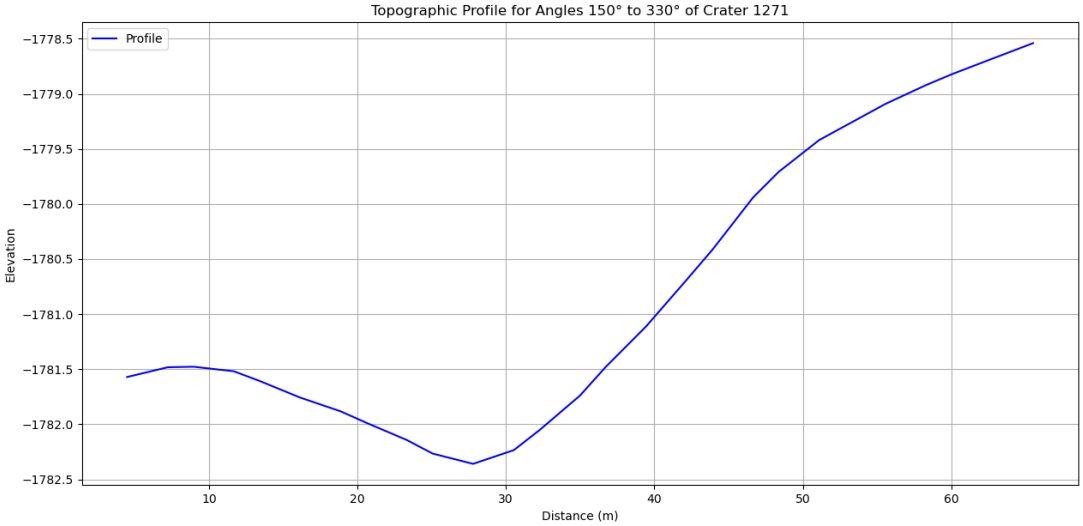
Topographic Profile for Angles 150° to 330° of Crater 1271
Profile
Elevation
Distance (m)
−1778.5
−1779.0
−1779.5
−1780.0
−1780.5
−1781.0
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−1782.0
−1782.5
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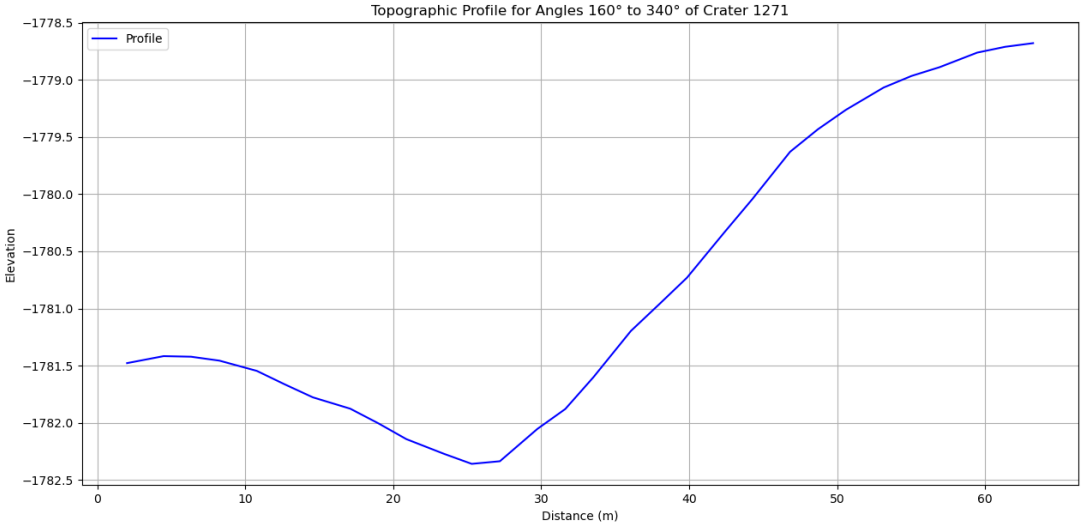
Topographic Profile for Angles 160° to 340° of Crater 1271
Profile
Elevation
Distance (m)
−1778.5
−1779.0
−1779.5
−1780.0
−1780.5
−1781.0
−1781.5
−1782.0
−1782.5
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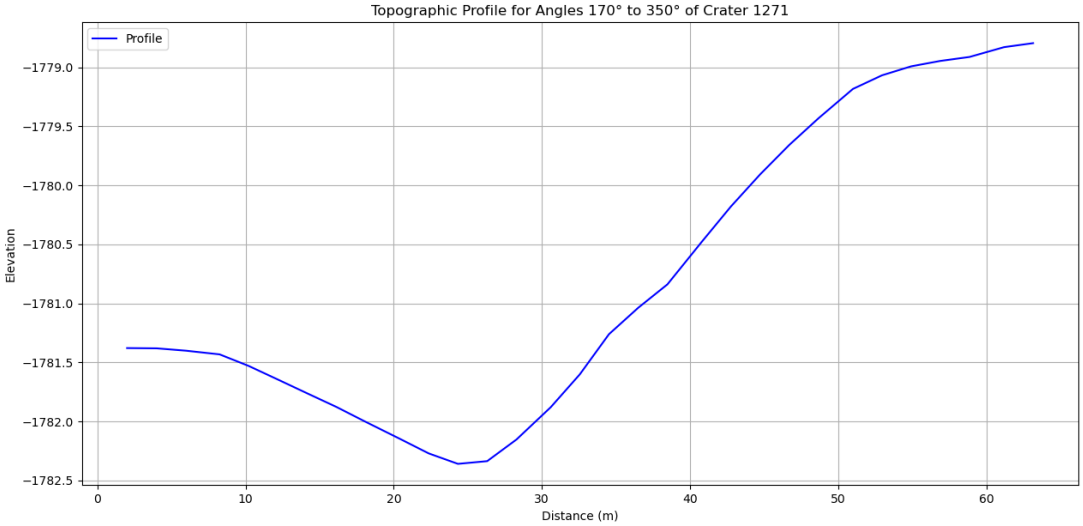
Topographic Profile for Angles 170° to 350° of Crater 1271
Profile
Elevation
−1779.0
−1779.5
−1780.0
−1780.5
−1781.0
−1781.5
−1782.0
−1782.5
0
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20
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50
60
Distance (m)