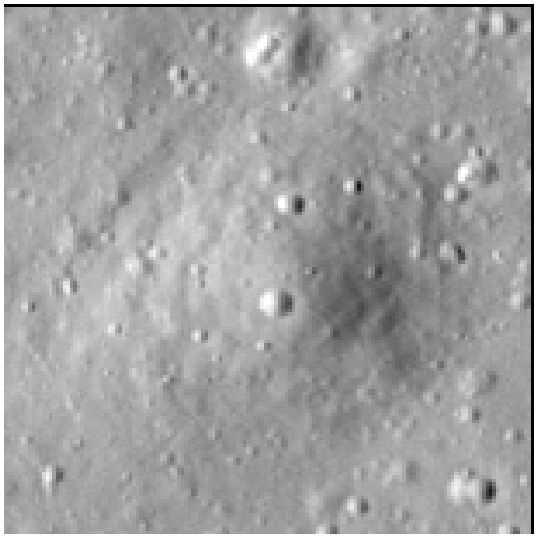
Crater report 1011 of RG2

General information



ID : 1011

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 81m ± 4.0m

Mean depht : 3.4m ± 0.2m

d/D ratio : 0.041 ± 0.003

Circularity index : 0.95

Slope : Between 3.6° et 7.87°

Mean value of TRI on the rim crest : 0.13

Geometric center coordinates : (3658235.9124297732, 228109.91095178042)

Coordinates of the crater's lowest point : (3658239.000001101, 228103.0000000673)

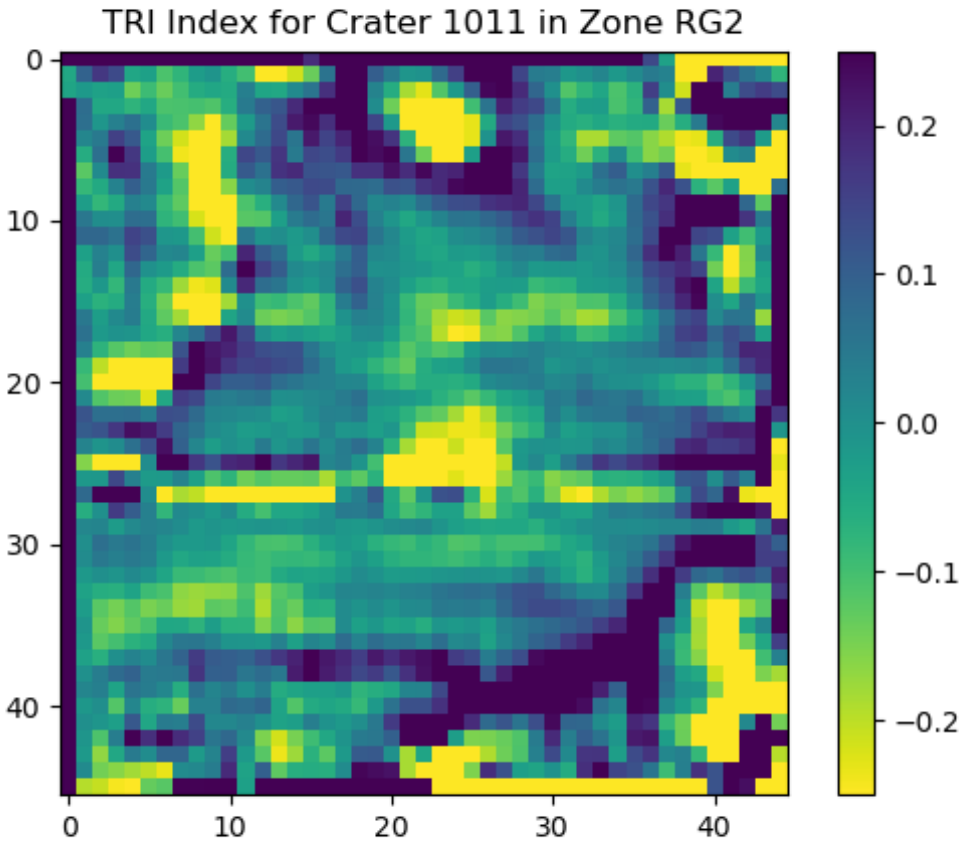
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	5.83	0.57
10°	5.8	0.56
20°	5.43	0.5
30°	5.5	0.48
40°	5.46	0.45
50°	5.9	0.42
60°	6.21	0.46
70°	6.75	0.51
80°	7.47	0.55
90°	7.72	0.57
100°	7.08	0.55
110°	6.81	0.5

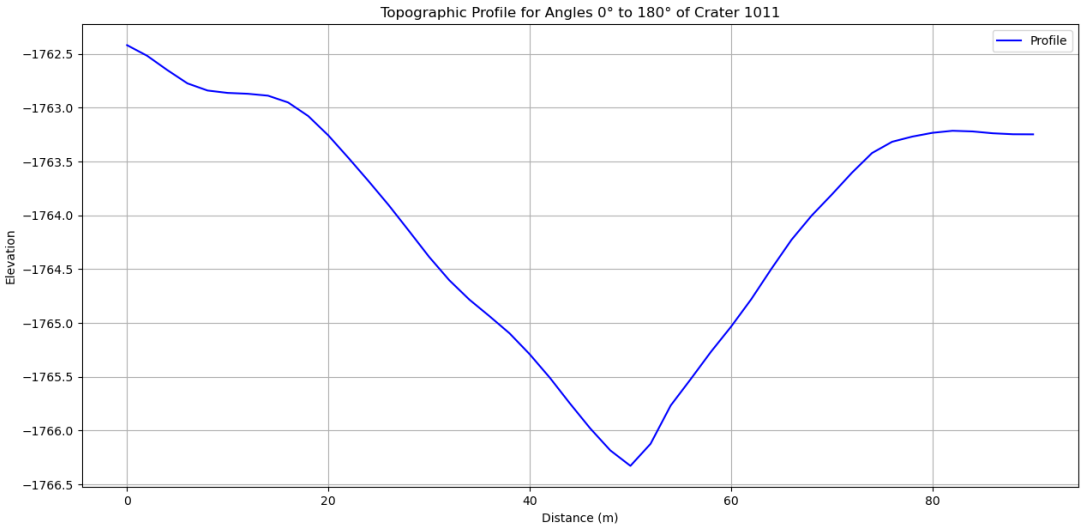
120°	6.69	0.48
130°	7.87	0.4
140°	7.6	0.43
150°	7.11	0.48
160°	7.16	0.53
170°	6.72	0.53
180°	6.98	0.57
190°	6.2	0.53
200°	5.92	0.51
210°	5.29	0.47
220°	4.65	0.42
230°	4.05	0.44
240°	3.6	0.48
250°	3.91	0.51
260°	4.53	0.55
270°	5.38	0.57
280°	5.24	0.56
290°	5.48	0.5
300°	5.1	0.48
310°	5.19	0.44
320°	5.21	0.44
330°	5.23	0.48
340°	5.54	0.51
350°	5.43	0.56

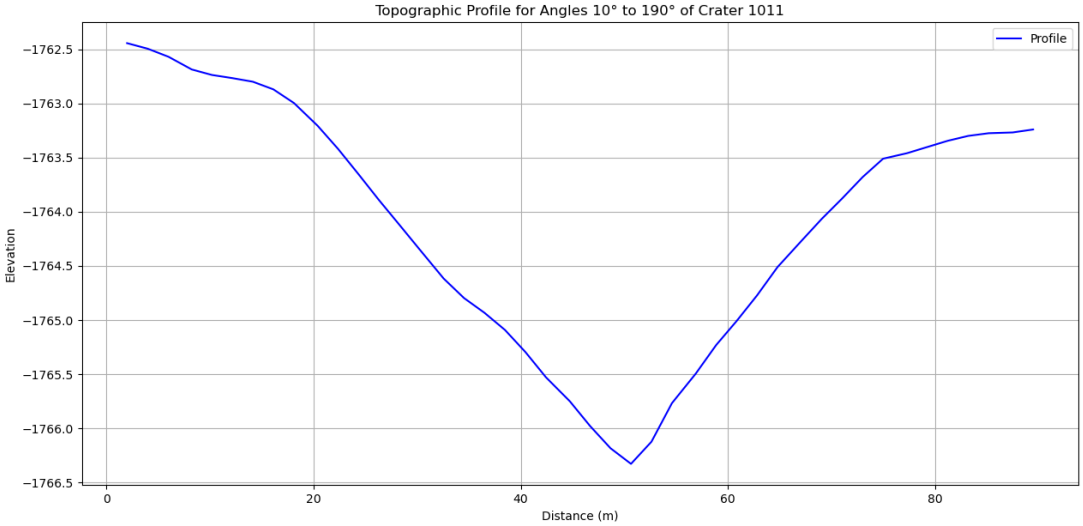
Topographic roughness index (TRI)

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 1011
Profile
Elevation
Distance (m)
−1762.5
−1763.0
−1763.5
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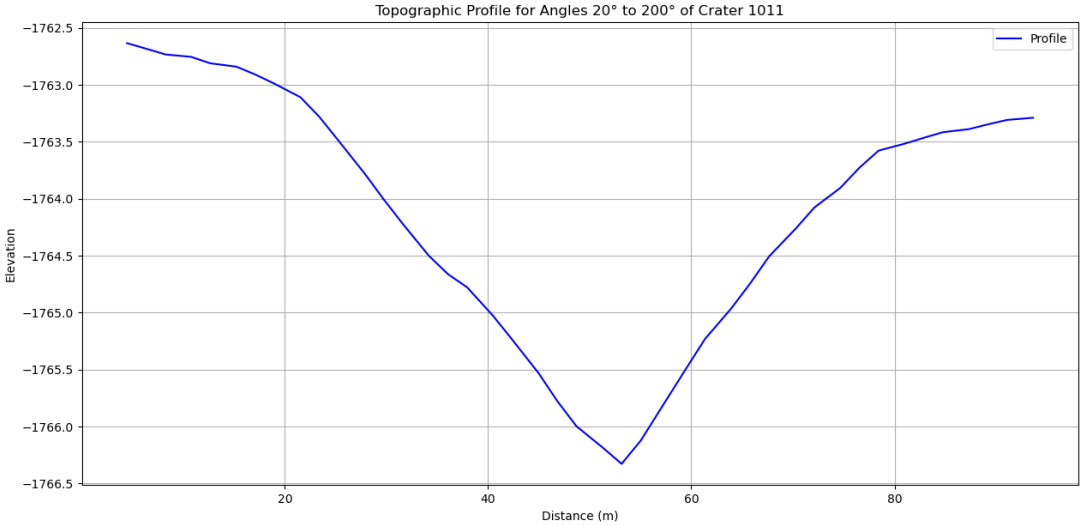
Topographic Profile for Angles 20° to 200° of Crater 1011
Profile
Elevation
Distance (m)
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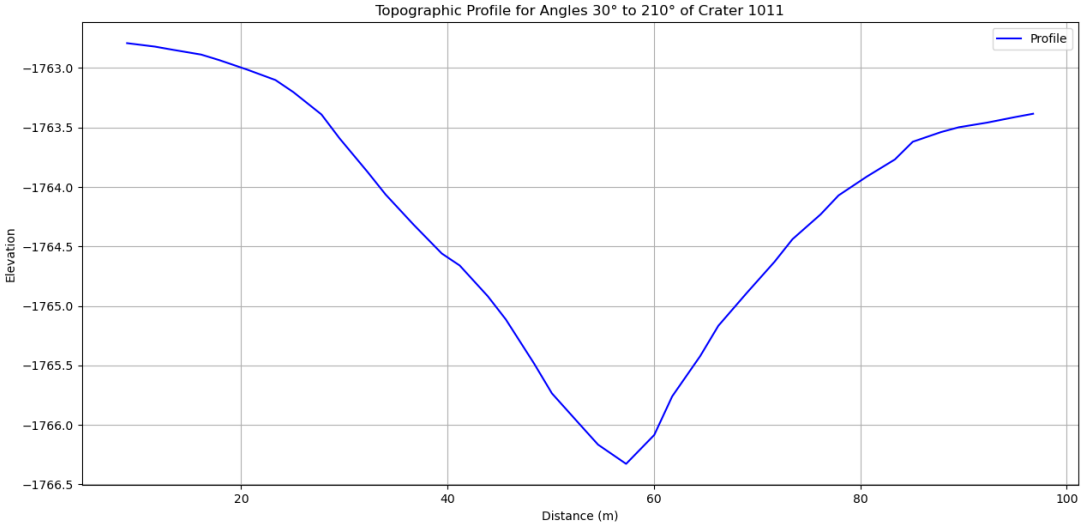
Topographic Profile for Angles 30° to 210° of Crater 1011
Profile
Elevation
Distance (m)
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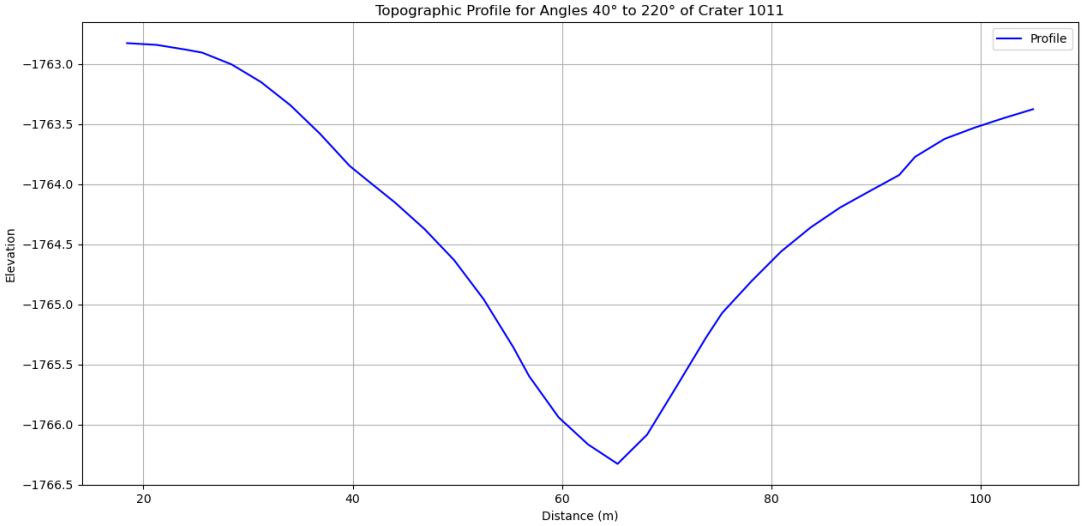
Topographic Profile for Angles 40° to 220° of Crater 1011
Profile
Elevation
Distance (m)
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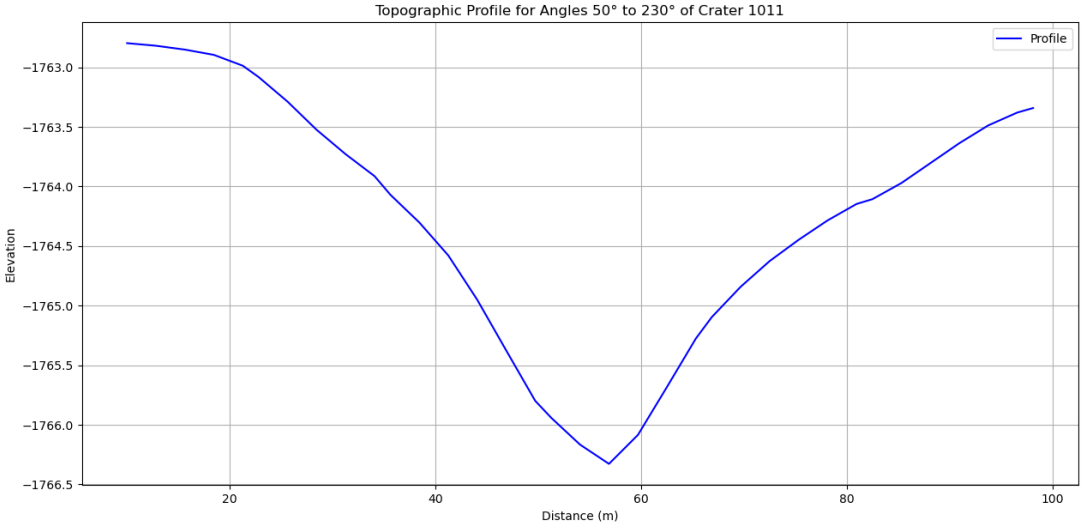
Topographic Profile for Angles 50° to 230° of Crater 1011
Profile
Elevation
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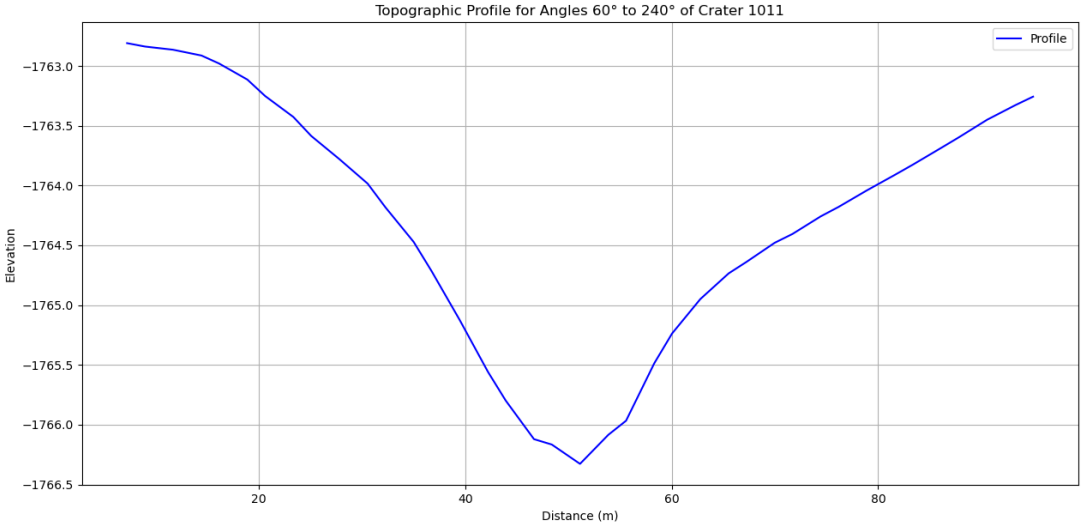
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 1011
Profile
Elevation
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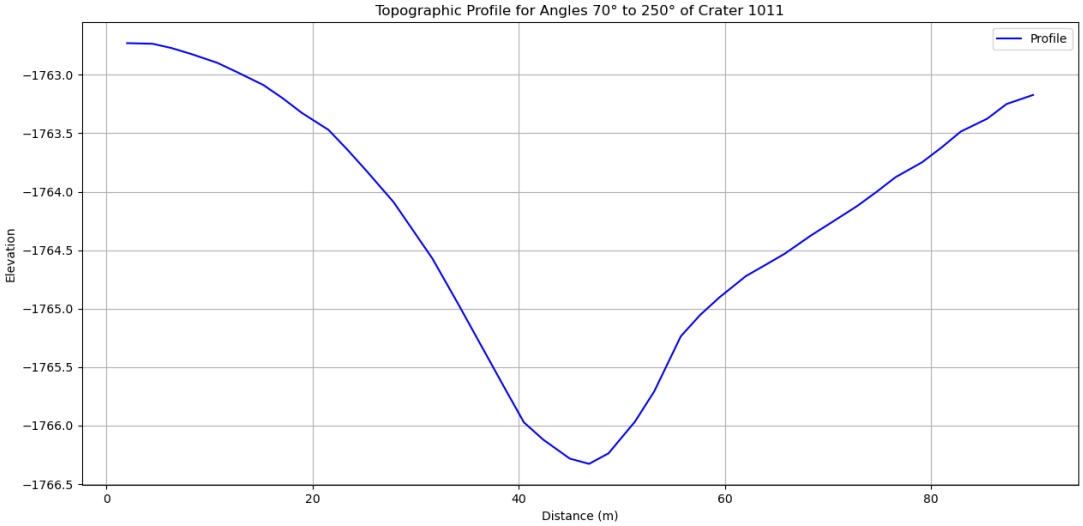
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 1011
Profile
Elevation
Distance (m)
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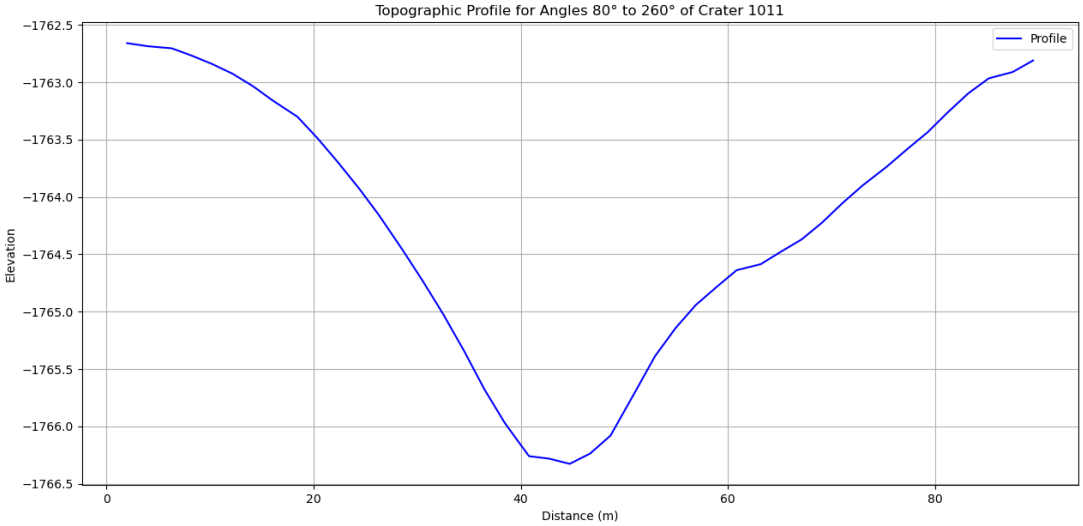
Topographic Profile for Angles 80° to 260° of Crater 1011
Profile
Elevation
Distance (m)
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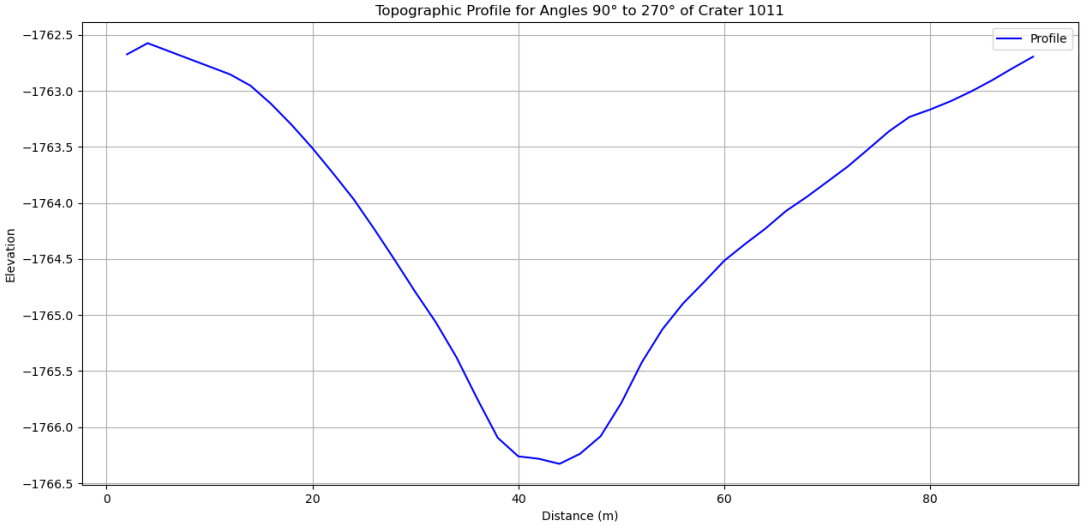
Topographic Profile for Angles 90° to 270° of Crater 1011
Profile
Elevation
Distance (m)
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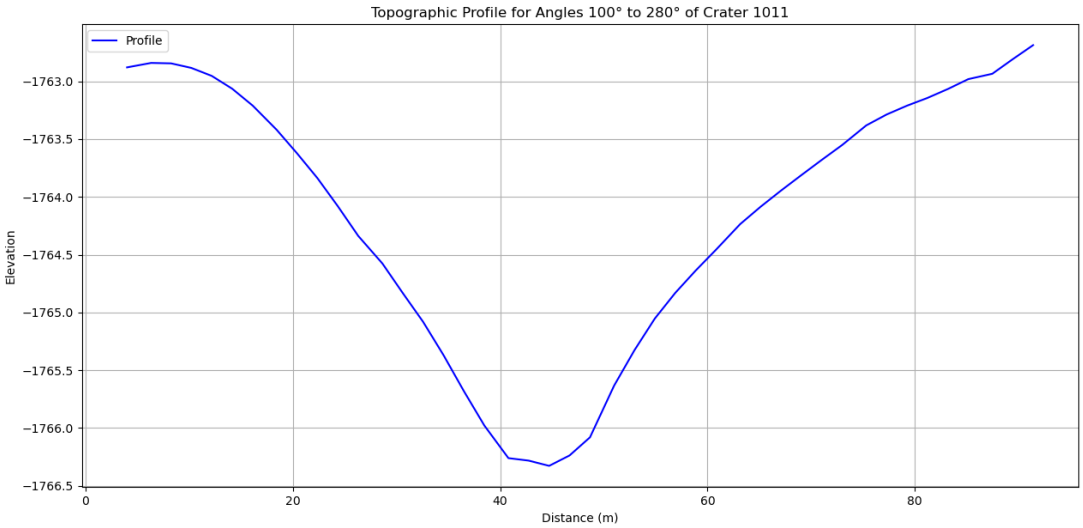
Topographic Profile for Angles 100° to 280° of Crater 1011
Profile
Elevation
Distance (m)
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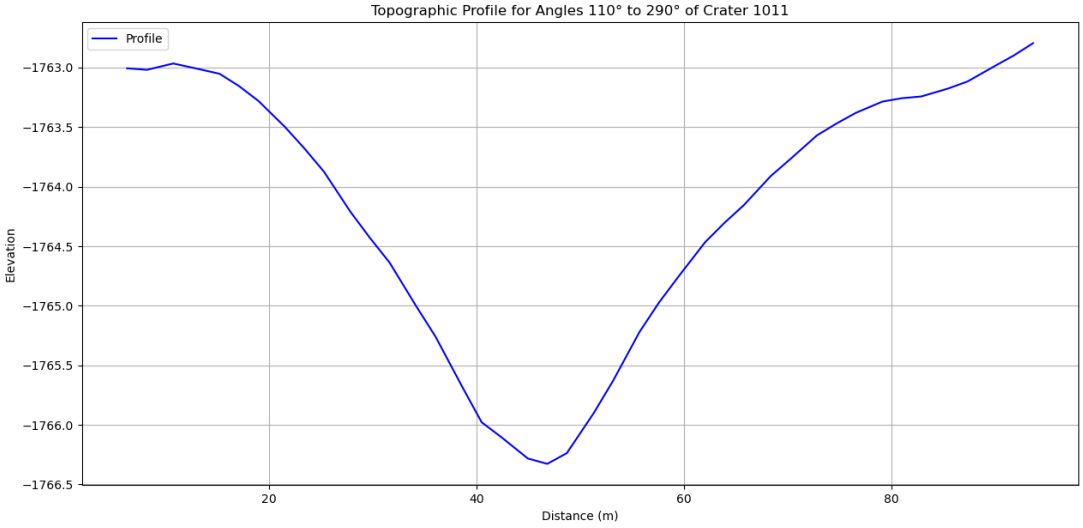
Topographic Profile for Angles 110° to 290° of Crater 1011
Profile
Elevation
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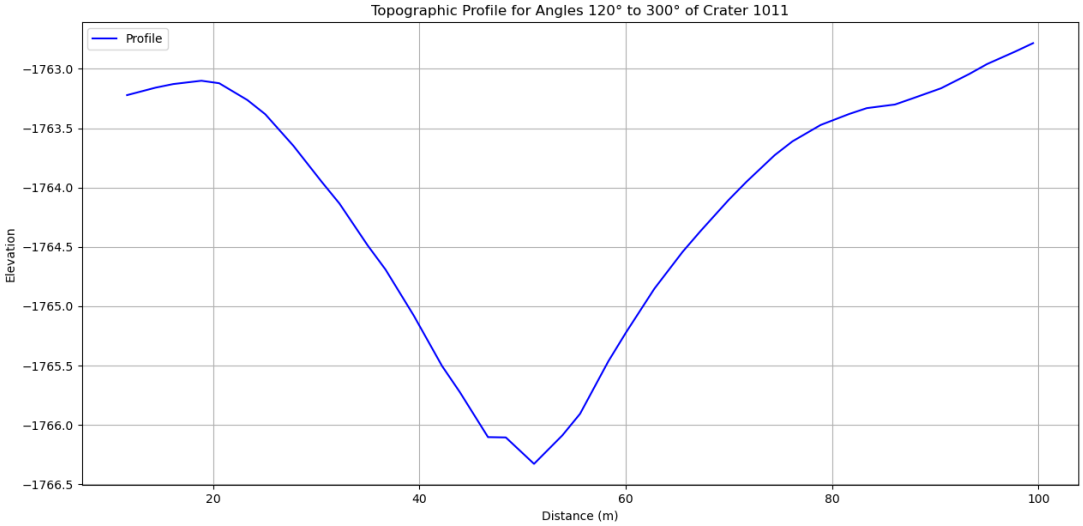
Distance (m)


Topographic Profile for Angles 120° to 300° of Crater 1011
Profile
Elevation
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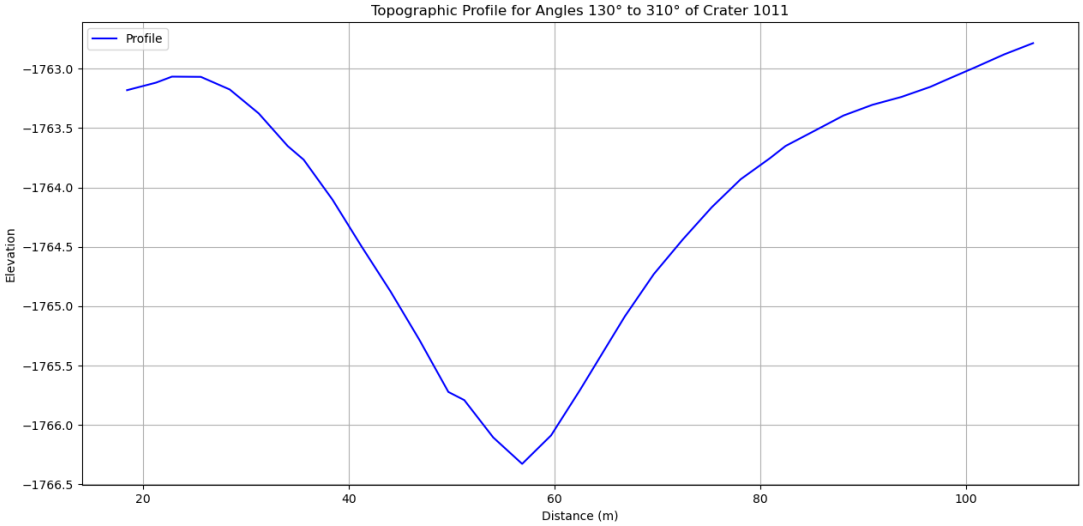
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 1011
Profile
Elevation
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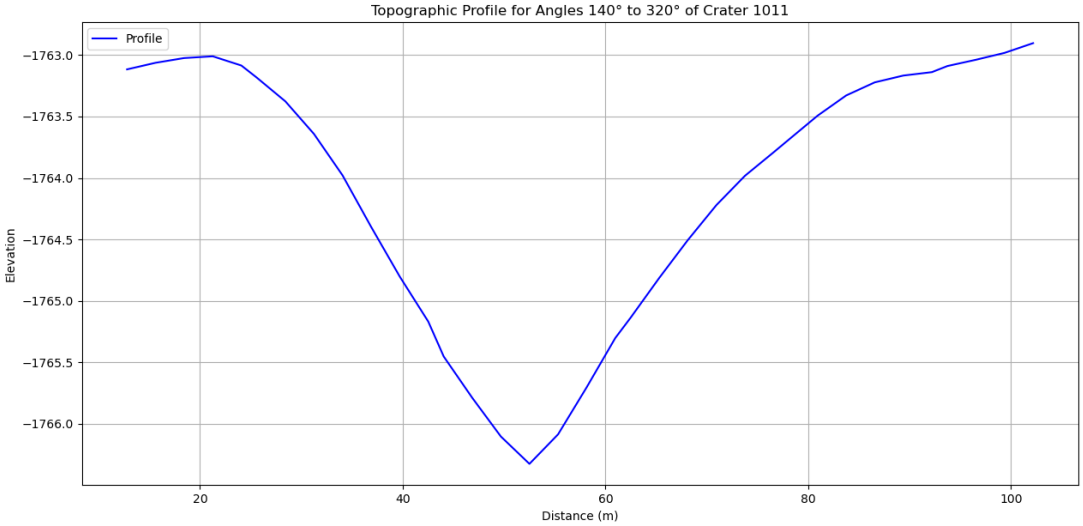
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 1011
Profile
Elevation
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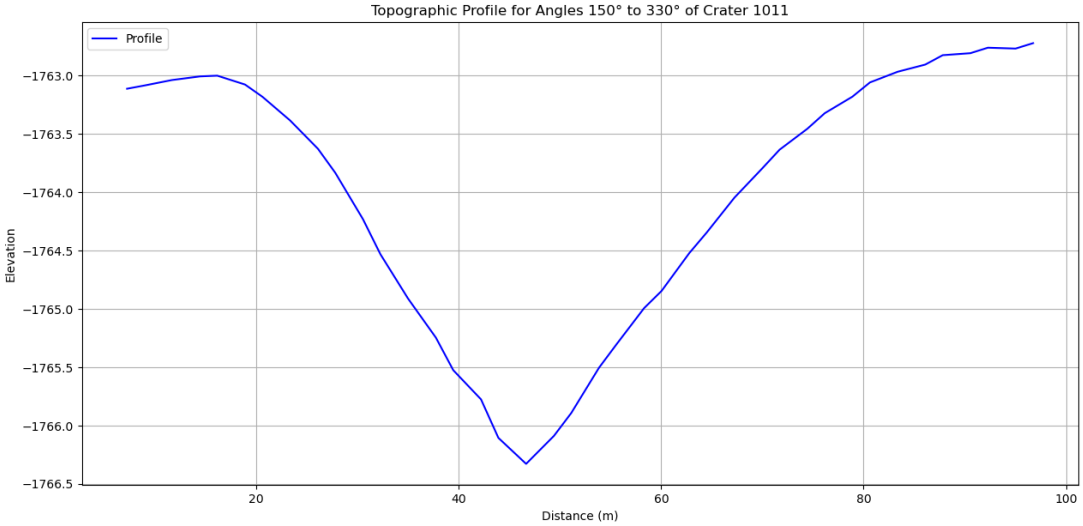
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 1011
Profile
Elevation
Distance (m)
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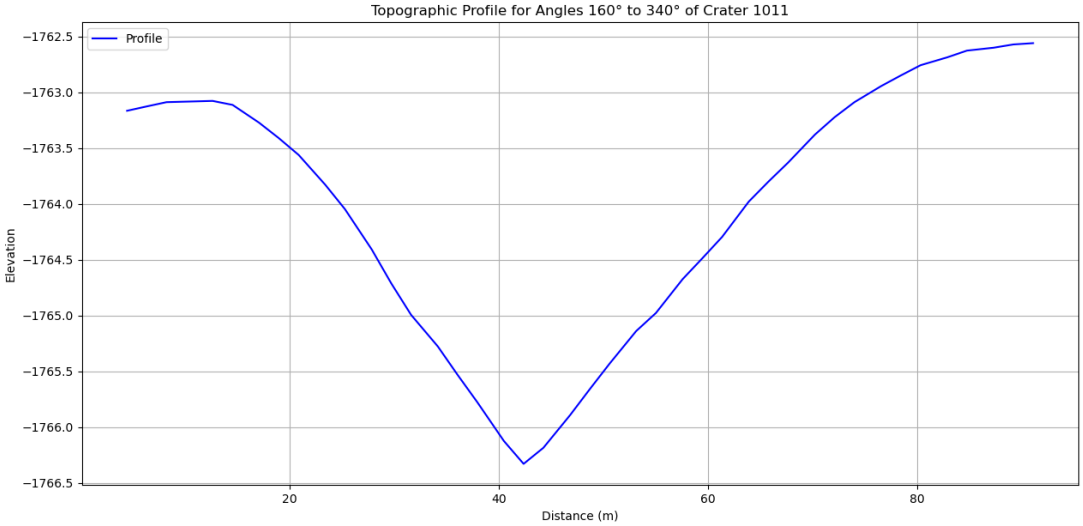
Topographic Profile for Angles 160° to 340° of Crater 1011
Profile
Elevation
Distance (m)
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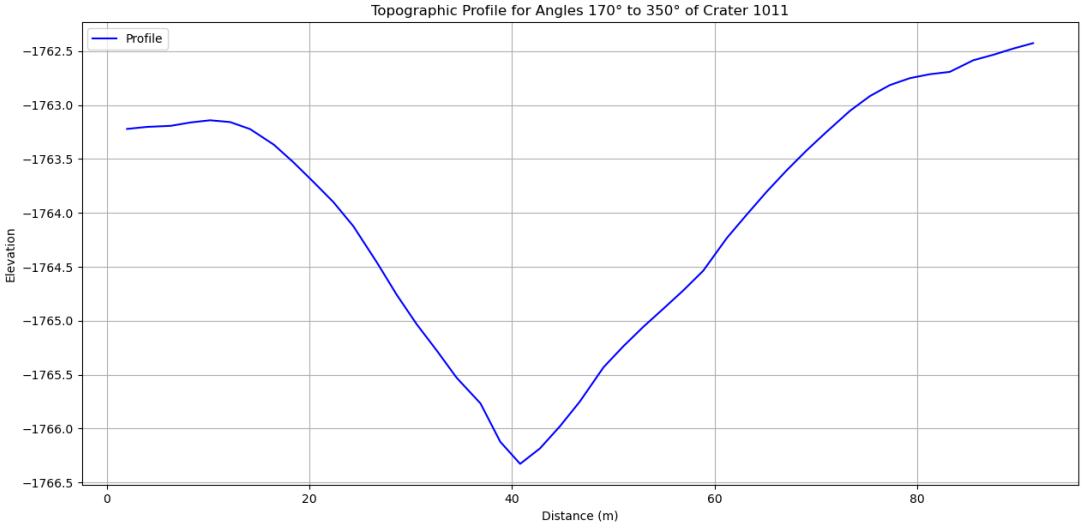
Topographic Profile for Angles 170° to 350° of Crater 1011
Profile
Elevation
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−1763.5
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Distance (m)