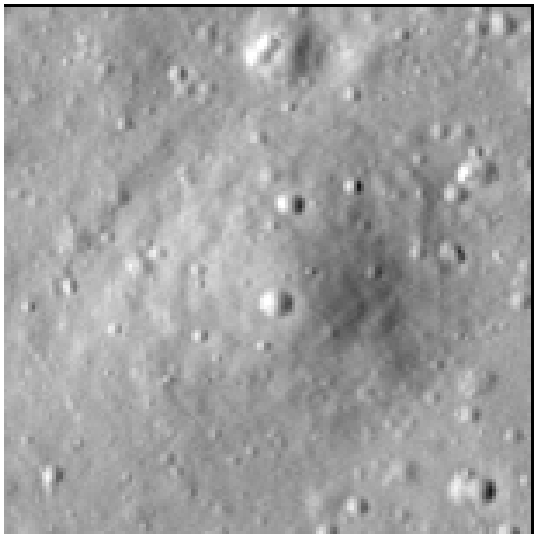
Crater report 1011 of RG2

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

Mean slope : 5.73°

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)

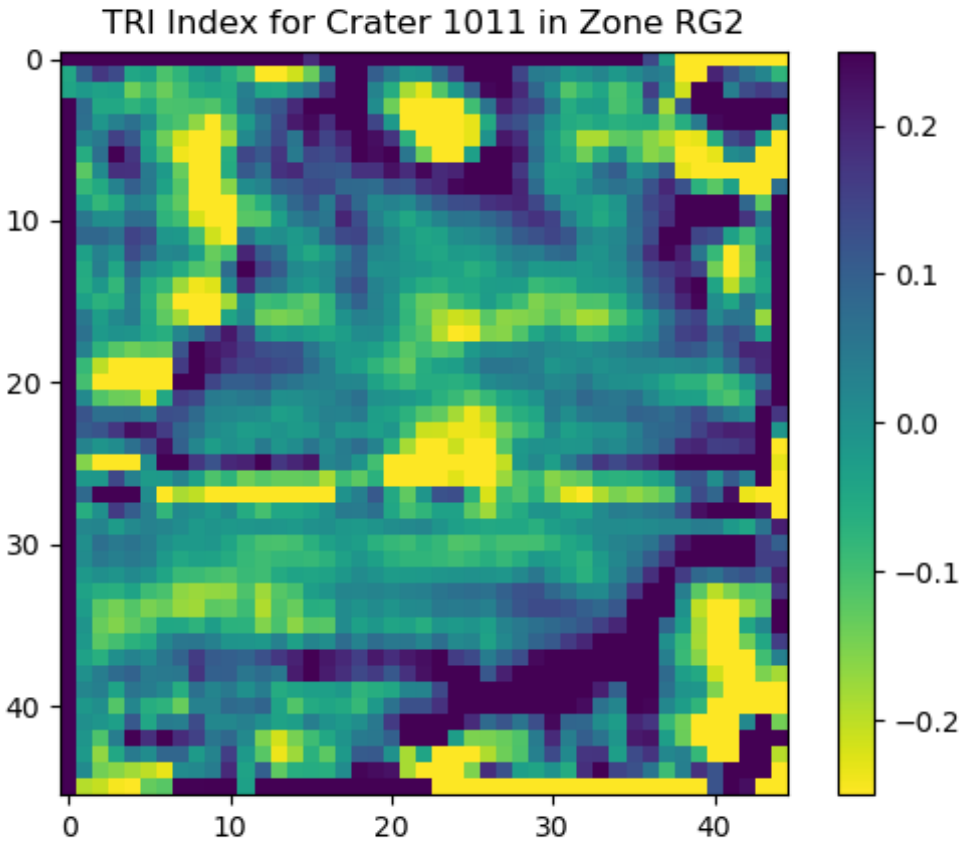
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	5.83	0.57
10°	5.64	0.55
20°	5.4	0.51
30°	5.24	0.48
40°	5.31	0.44
50°	5.37	0.44
60°	5.58	0.47
70°	5.93	0.52
80°	6.32	0.55
90°	6.62	0.57
100°	6.06	0.55
110°	5.87	0.51

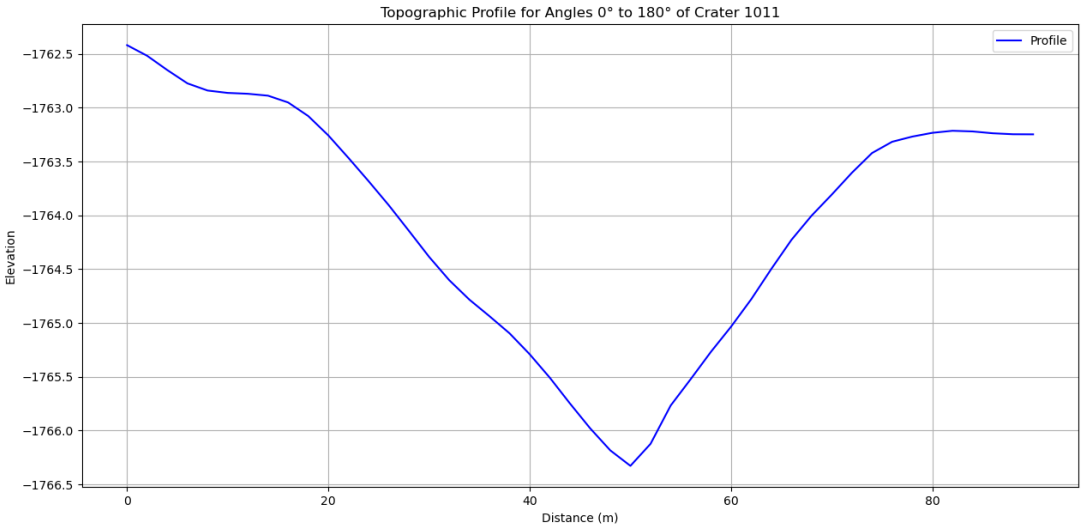
120°	5.91	0.48
130°	6.52	0.42
140°	7.06	0.42
150°	7.08	0.48
160°	7.0	0.52
170°	6.97	0.54
180°	7.18	0.57
190°	6.56	0.54
200°	6.05	0.51
210°	5.64	0.48
220°	5.02	0.42
230°	4.49	0.44
240°	4.15	0.47
250°	4.16	0.51
260°	4.59	0.54
270°	5.34	0.57
280°	5.26	0.55
290°	5.53	0.51
300°	5.4	0.48
310°	5.39	0.44
320°	5.41	0.44
330°	5.45	0.48
340°	5.54	0.51
350°	5.51	0.55

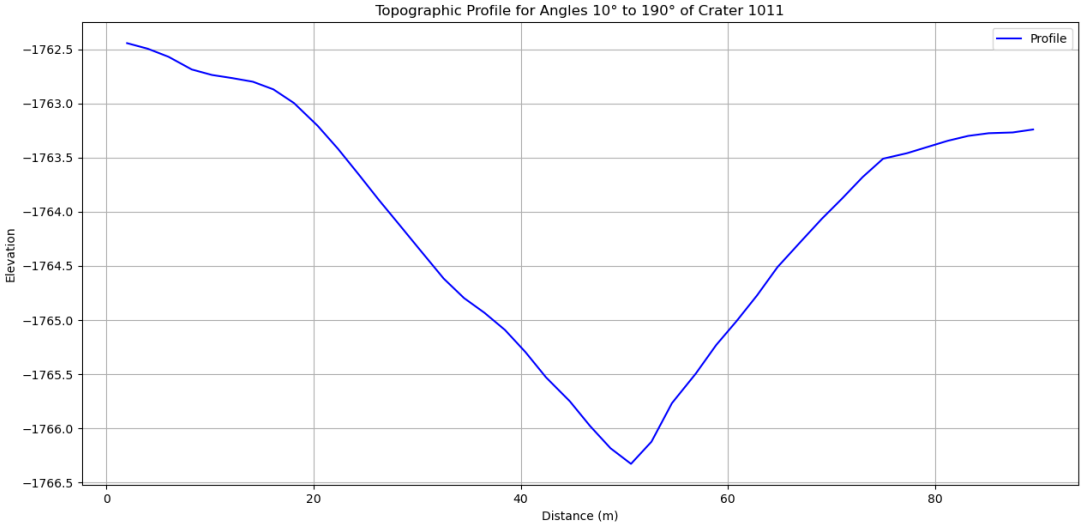
Topographic roughness index (TRI)

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 1011
Profile
Elevation
Distance (m)
−1762.5
−1763.0
−1763.5
−1764.0
−1764.5
−1765.0
−1765.5
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−1766.5
0
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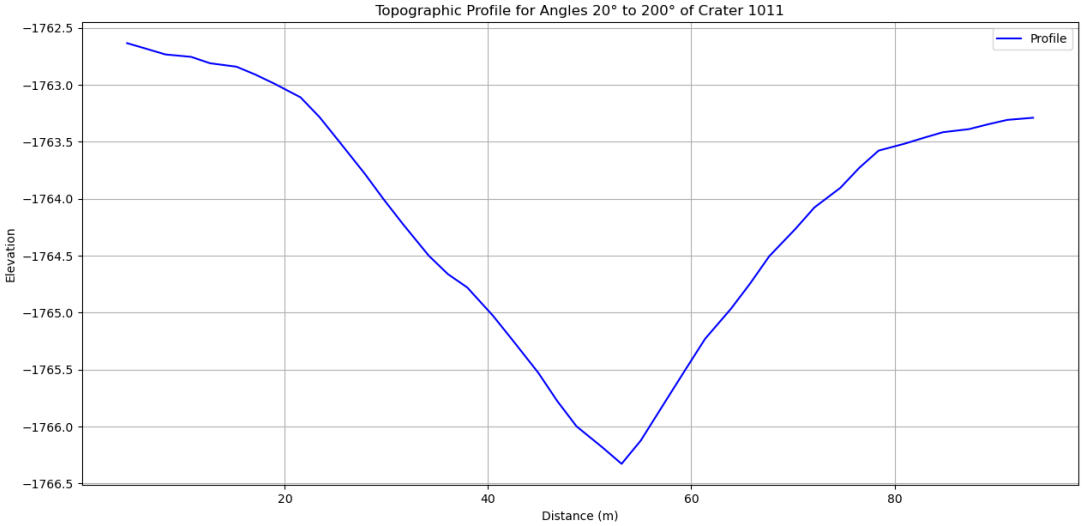
Topographic Profile for Angles 20° to 200° of Crater 1011
Profile
Elevation
Distance (m)
−1762.5
−1763.0
−1763.5
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−1764.5
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−1766.5
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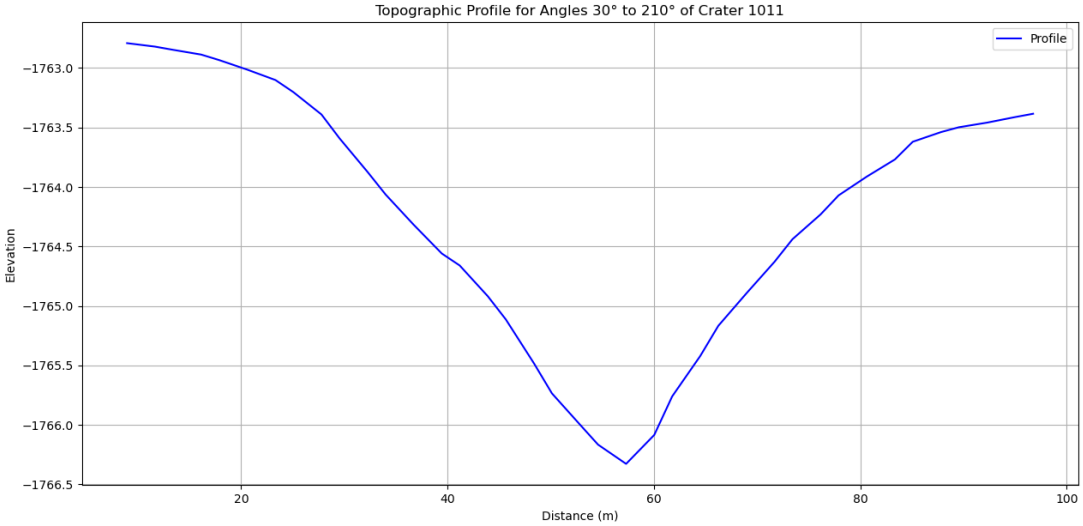
Topographic Profile for Angles 30° to 210° of Crater 1011
Profile
Elevation
Distance (m)
−1763.0
−1763.5
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−1764.5
−1765.0
−1765.5
−1766.0
−1766.5
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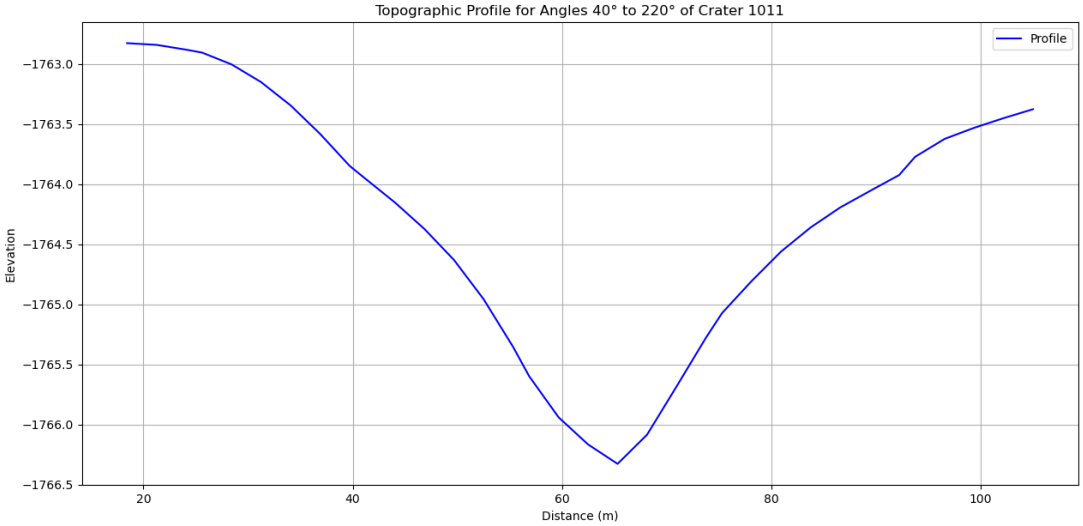
Topographic Profile for Angles 40° to 220° of Crater 1011
Profile
Elevation
Distance (m)
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−1763.5
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−1765.5
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−1766.5
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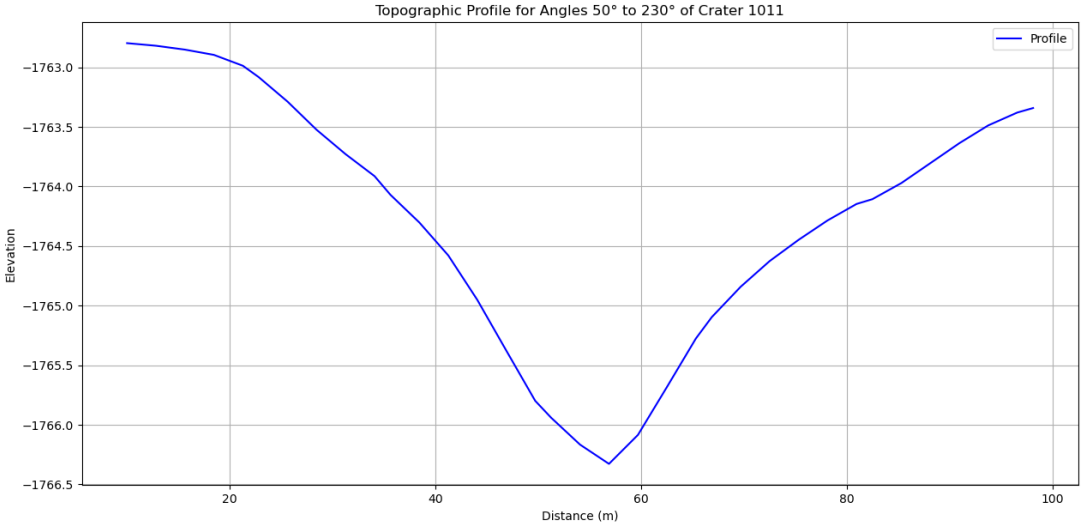
Topographic Profile for Angles 50° to 230° of Crater 1011
Profile
Elevation
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−1763.5
−1764.0
−1764.5
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−1765.5
−1766.0
−1766.5
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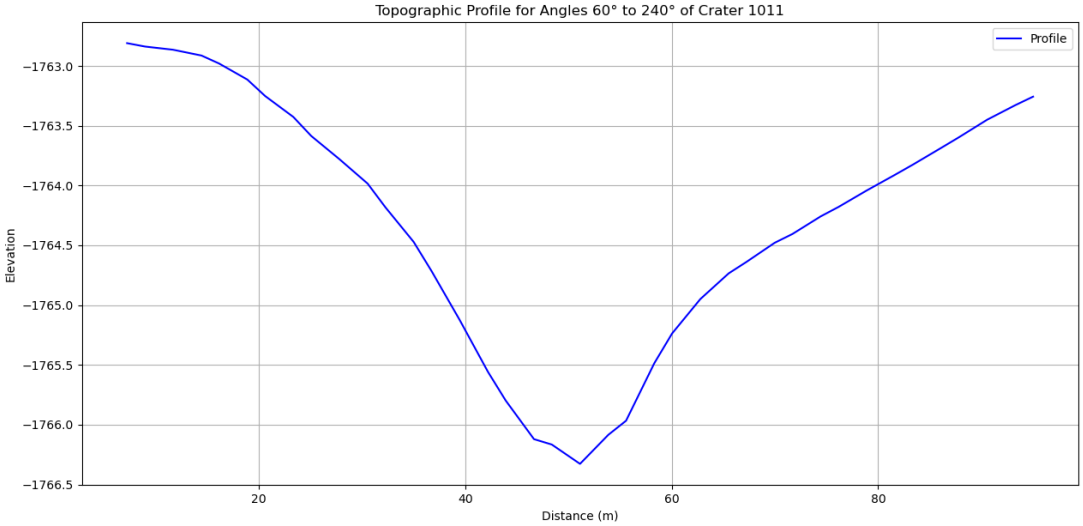
80
100
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 1011
Profile
Elevation
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−1763.5
−1764.0
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−1765.5
−1766.0
−1766.5
20
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60
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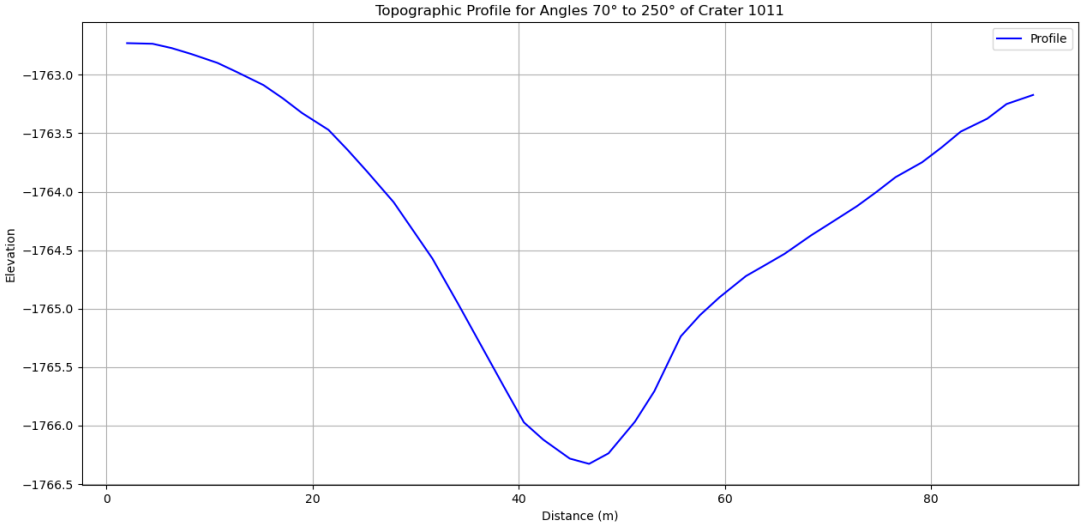
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 1011
Profile
Elevation
Distance (m)
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−1763.5
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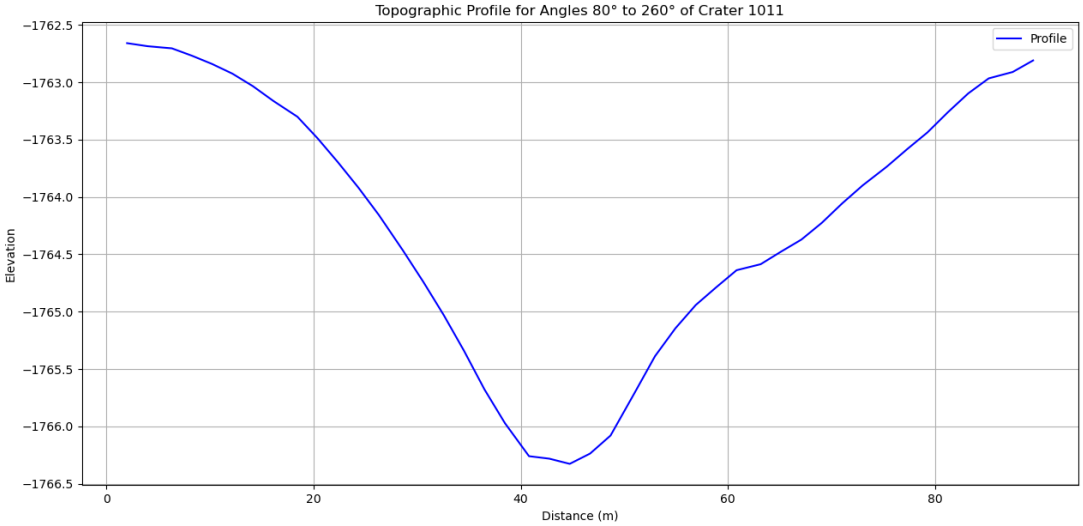
Topographic Profile for Angles 80° to 260° of Crater 1011
Profile
Elevation
Distance (m)
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−1763.0
−1763.5
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−1764.5
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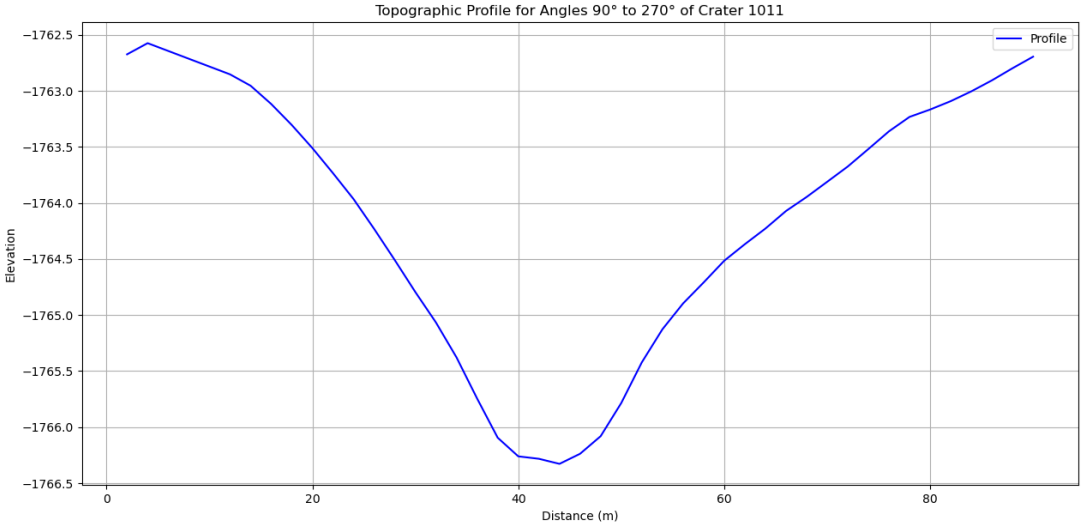
Topographic Profile for Angles 90° to 270° of Crater 1011
Profile
Elevation
Distance (m)
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−1763.5
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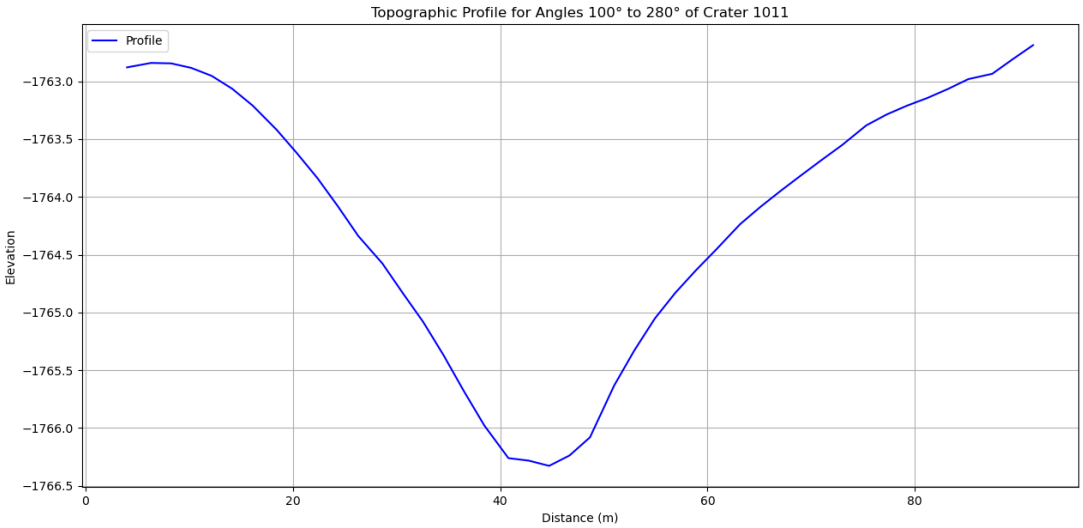
Topographic Profile for Angles 100° to 280° of Crater 1011
Profile
Elevation
Distance (m)
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−1763.5
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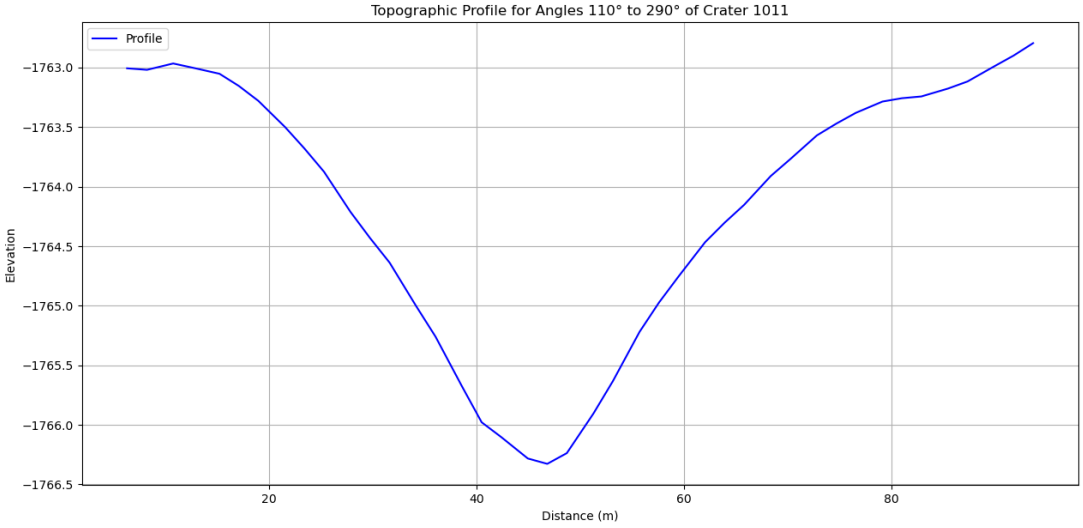
Topographic Profile for Angles 110° to 290° of Crater 1011
Profile
Elevation
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−1763.5
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20
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60
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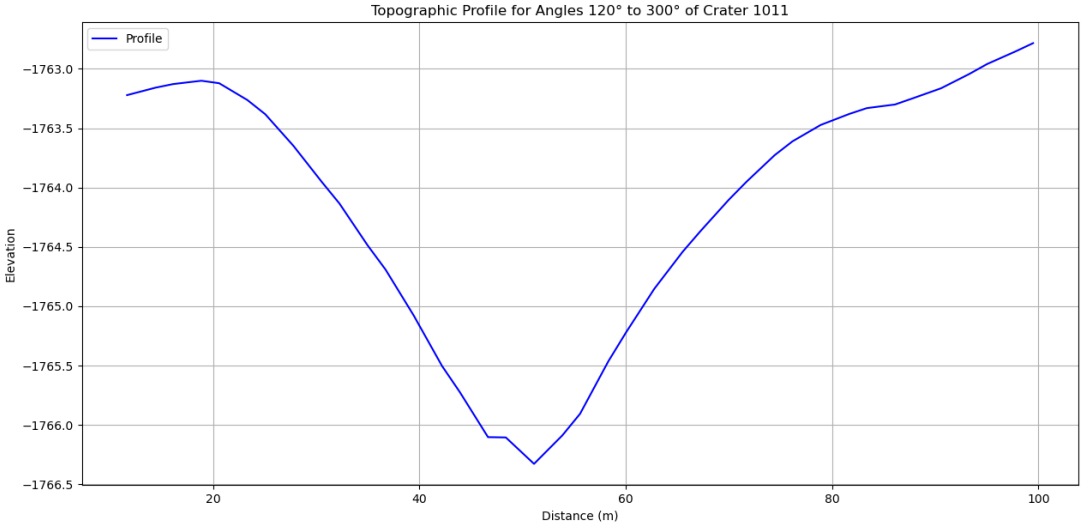
Distance (m)


Topographic Profile for Angles 120° to 300° of Crater 1011
Profile
Elevation
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−1763.5
−1764.0
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−1765.5
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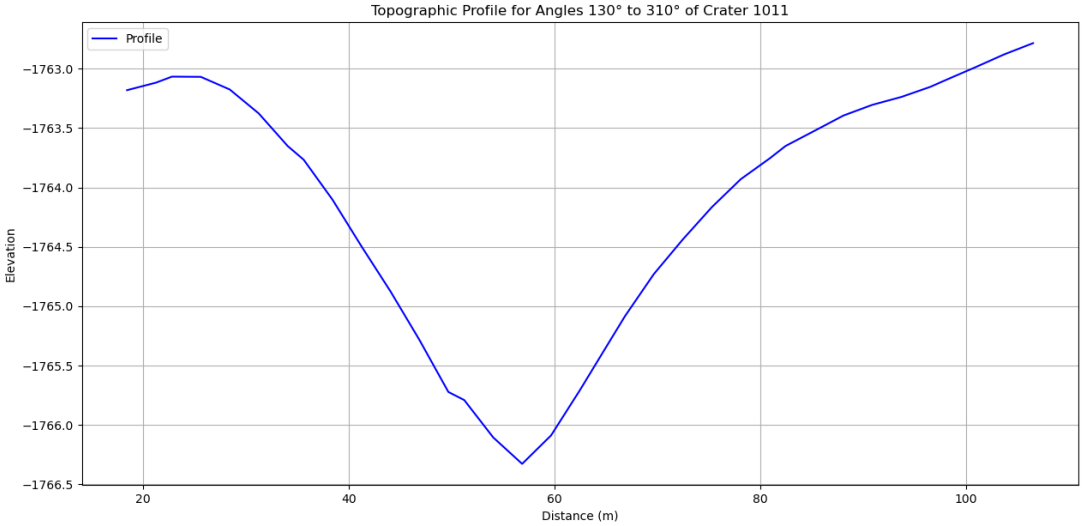
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 1011
Profile
Elevation
−1763.0
−1763.5
−1764.0
−1764.5
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−1765.5
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−1766.5
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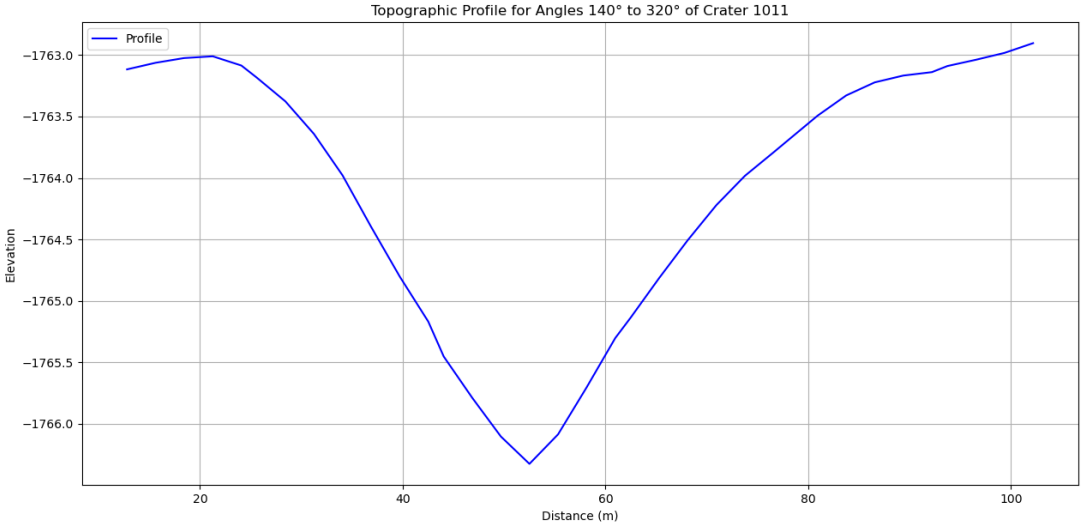
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 1011
Profile
Elevation
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−1764.5
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−1765.5
−1766.0
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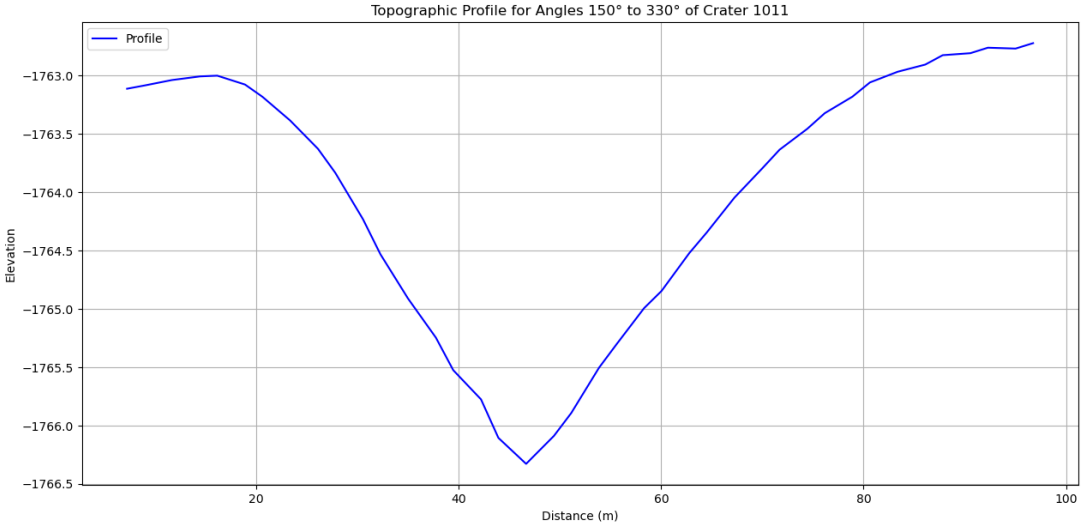
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 1011
Profile
Elevation
Distance (m)
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−1763.5
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−1764.5
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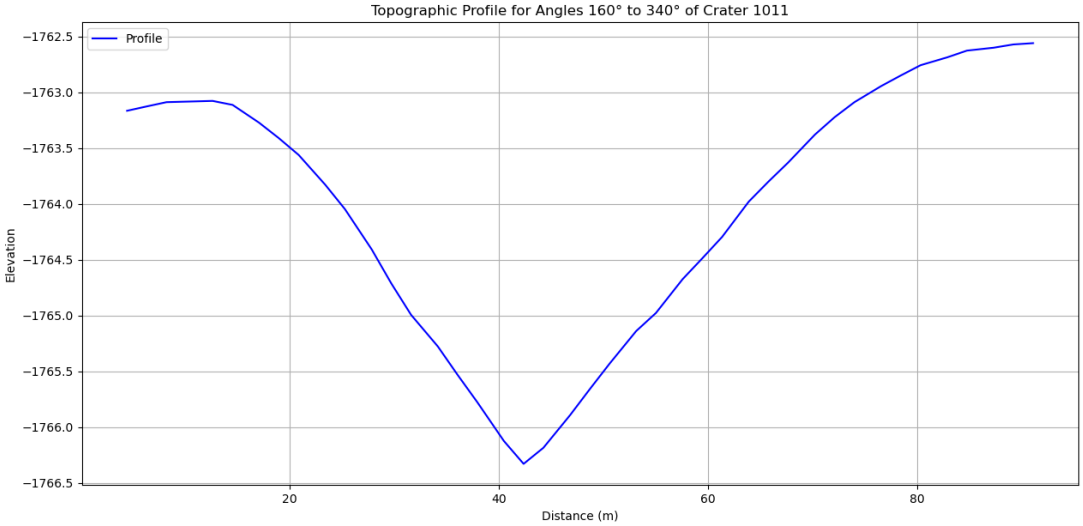
Topographic Profile for Angles 160° to 340° of Crater 1011
Profile
Elevation
Distance (m)
−1762.5
−1763.0
−1763.5
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−1764.5
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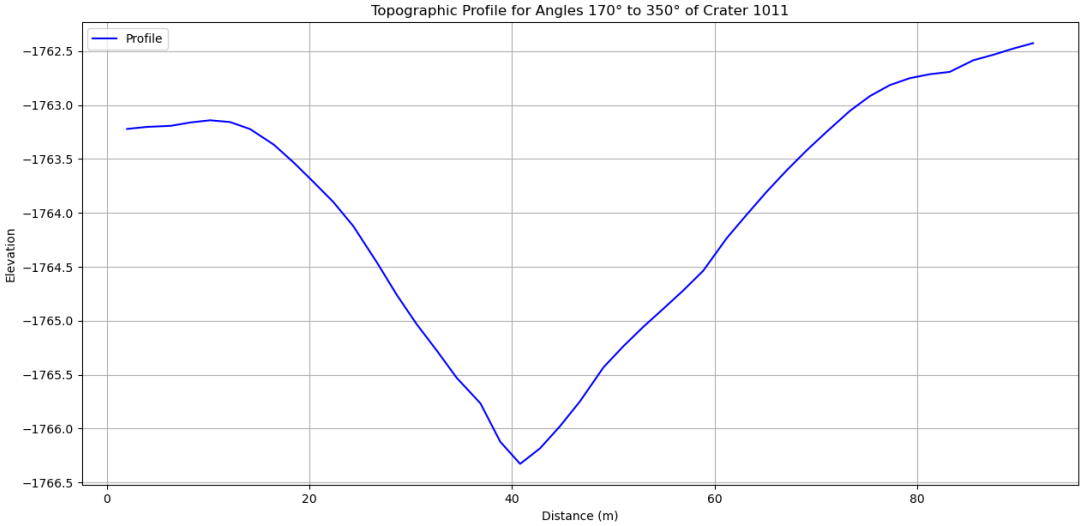
Topographic Profile for Angles 170° to 350° of Crater 1011
Profile
Elevation
−1762.5
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−1763.5
−1764.0
−1764.5
−1765.0
−1765.5
−1766.0
−1766.5
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Distance (m)