Crater report 2006 of RG2

General information

ID : 2006

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 160m ± 7.0m

Mean depht : 11.3m ± 0.3m

d/D ratio : 0.07 ± 0.003

Circularity index : 0.92

Mean slope : 9.53°

Mean value of TRI on the rim crest : 0.43

Geometric center coordinates : (3655569.256894696, 219690.98324806624)

Coordinates of the crater's lowest point : (3655563.0000011, 219687.00000006479)

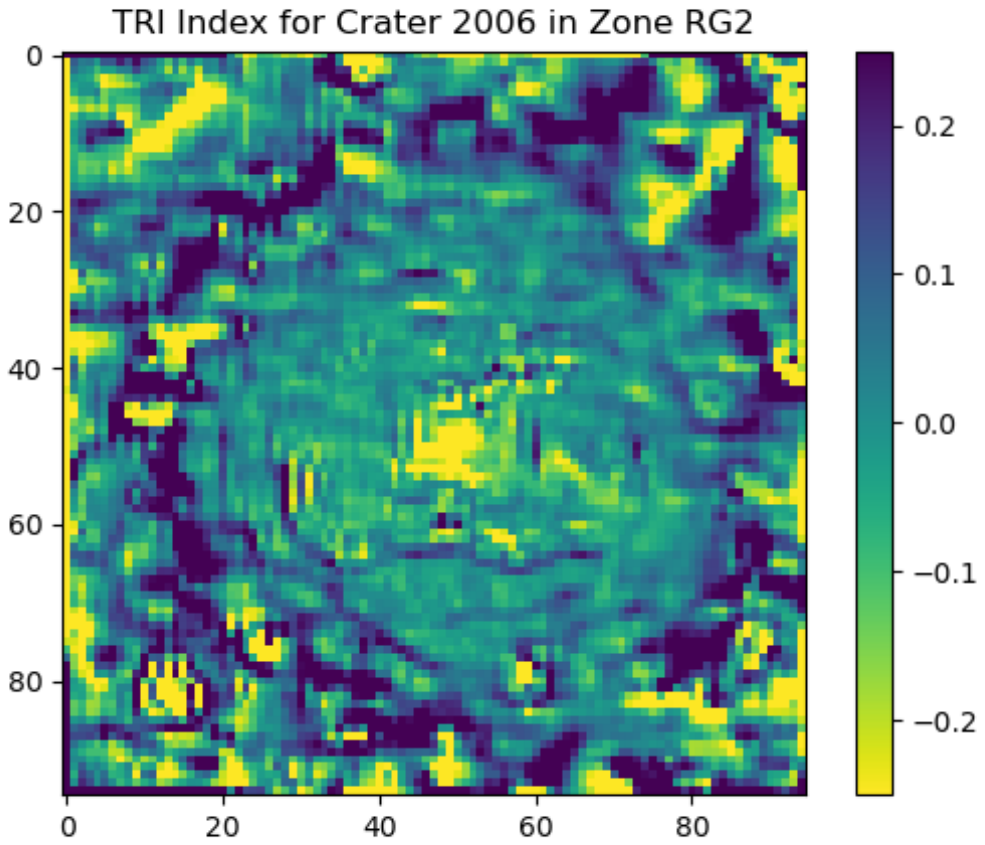
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	10.57	0.57
10°	10.25	0.54
20°	10.11	0.51
30°	10.19	0.48
40°	10.75	0.43
50°	10.35	0.43
60°	9.4	0.48
70°	9.05	0.52
80°	9.08	0.54
90°	9.38	0.57
100°	8.26	0.54
110°	7.56	0.52

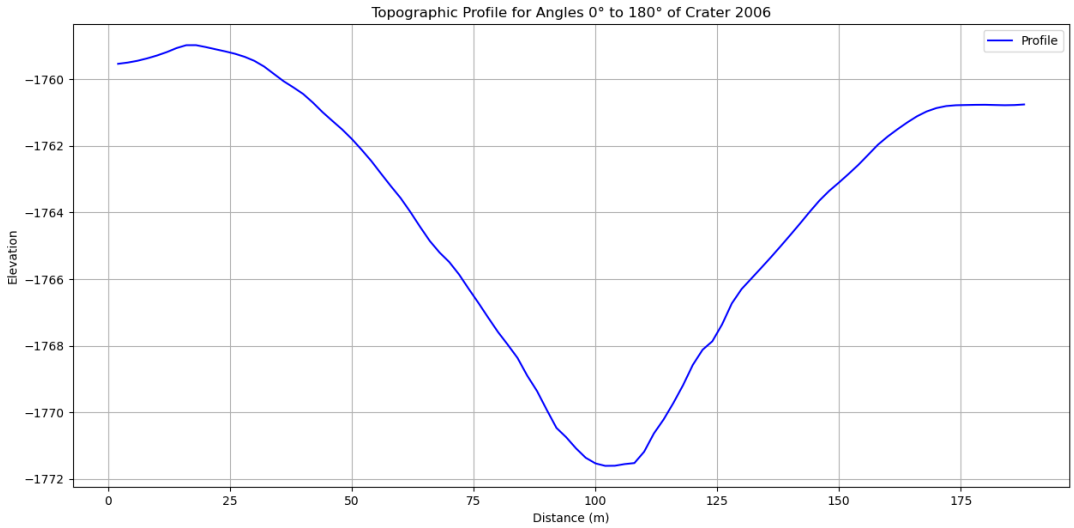
120°	7.6	0.48
130°	8.37	0.43
140°	8.98	0.43
150°	8.9	0.48
160°	8.64	0.52
170°	9.1	0.54
180°	9.89	0.57
190°	9.8	0.54
200°	9.99	0.51
210°	10.11	0.48
220°	10.66	0.43
230°	10.16	0.43
240°	9.43	0.48
250°	9.33	0.52
260°	9.61	0.54
270°	9.76	0.57
280°	9.27	0.54
290°	9.07	0.52
300°	9.26	0.48
310°	9.95	0.43
320°	10.2	0.43
330°	9.92	0.48
340°	10.05	0.51
350°	10.13	0.54

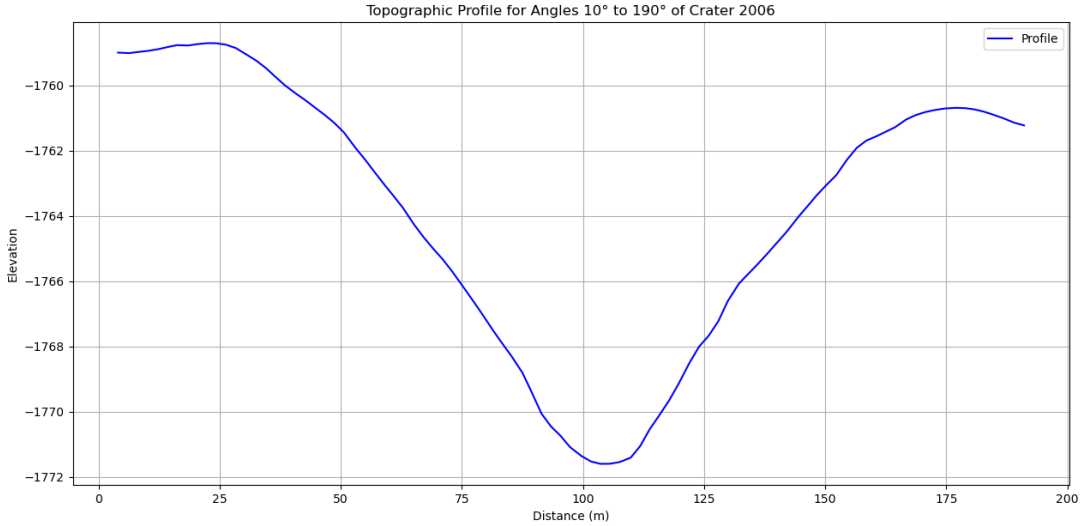
Topographic roughness index (TRI)

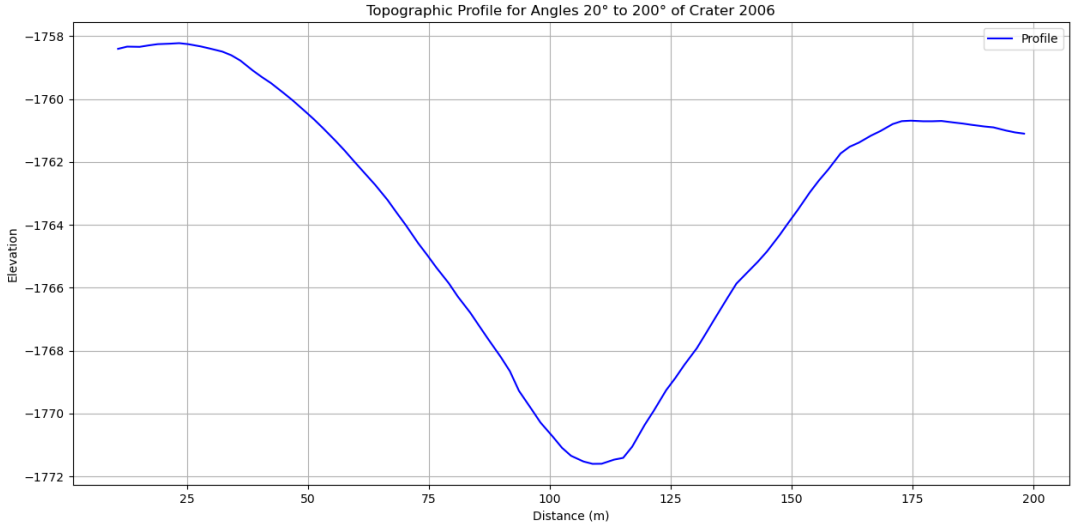
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

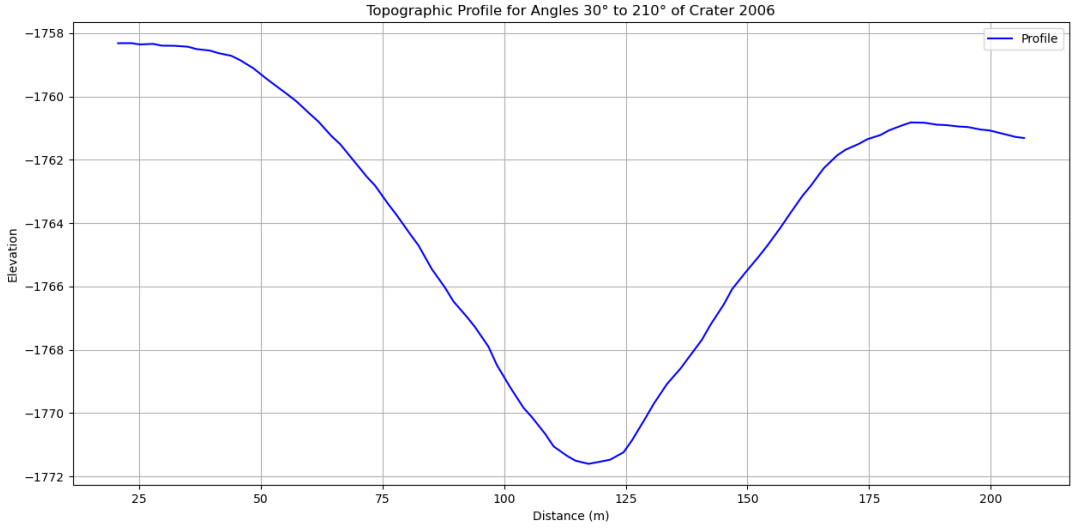


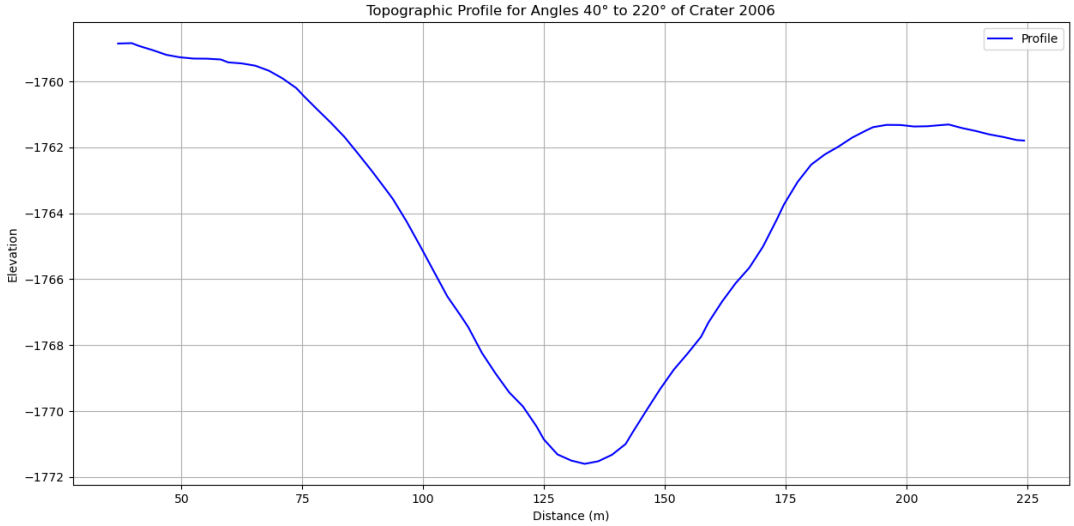
Topographic profiles

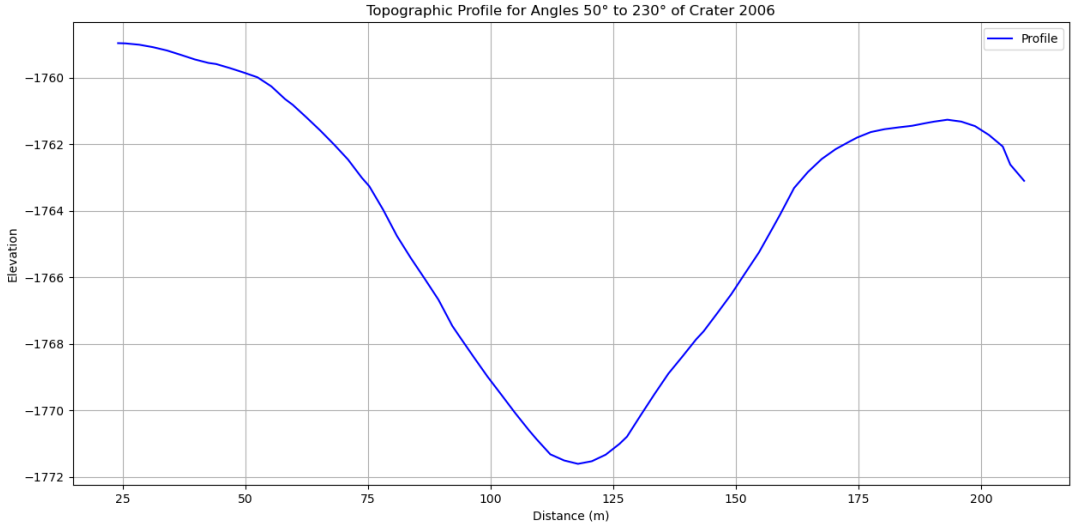


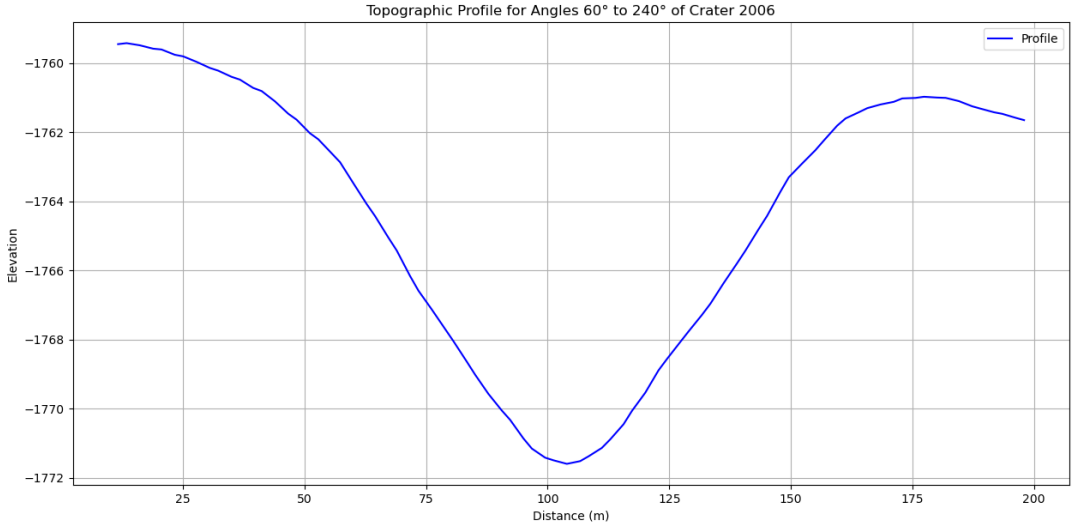

Topographic Profile for Angles 10° to 190° of Crater 2006
Profile
Elevation
Distance (m)
−1760
−1762
−1764
−1766
−1768
−1770
−1772
0
25
50
75
100
125
150
175
200

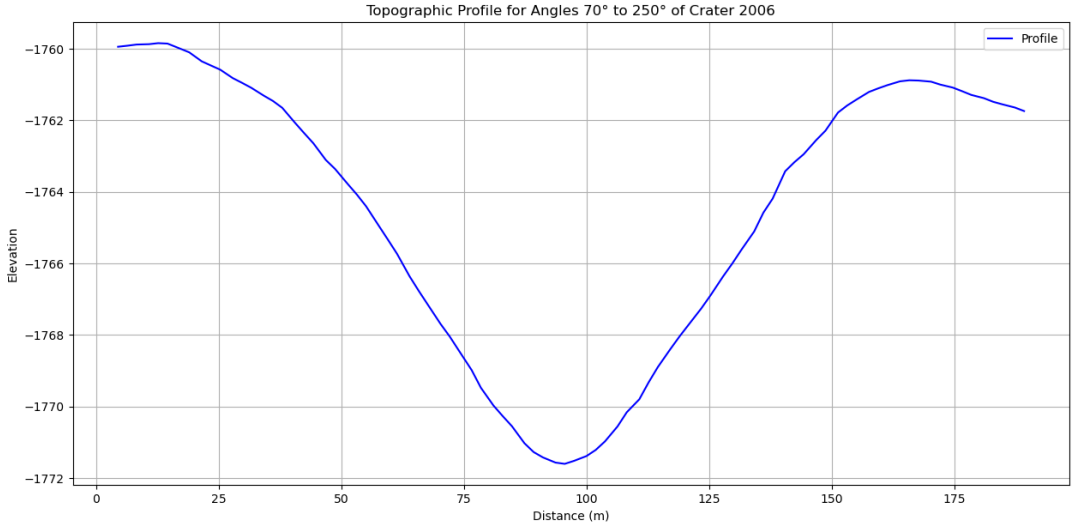

Topographic Profile for Angles 20° to 200° of Crater 2006
Profile
Elevation
Distance (m)
−1758
−1760
−1762
−1764
−1766
−1768
−1770
−1772
25
50
75
100
125
150
175
200

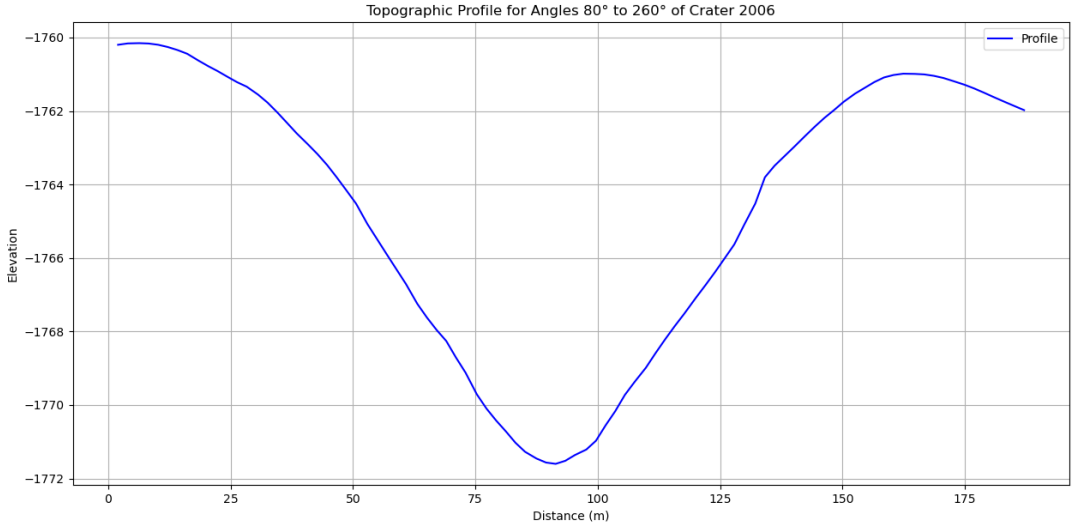

Topographic Profile for Angles 30° to 210° of Crater 2006
Profile
Elevation
Distance (m)
−1758
−1760
−1762
−1764
−1766
−1768
−1770
−1772
25
50
75
100
125
150
175
200


Topographic Profile for Angles 40° to 220° of Crater 2006
Profile
Elevation
Distance (m)
−1760
−1762
−1764
−1766
−1768
−1770
−1772
50
75
100
125
150
175
200
225


Topographic Profile for Angles 50° to 230° of Crater 2006
Profile
Elevation
Distance (m)
−1760
−1762
−1764
−1766
−1768
−1770
−1772
25
50
75
100
125
150
175
200


Topographic Profile for Angles 60° to 240° of Crater 2006
Profile
Elevation
Distance (m)
−1760
−1762
−1764
−1766
−1768
−1770
−1772
25
50
75
100
125
150
175
200


Topographic Profile for Angles 70° to 250° of Crater 2006
Profile
Elevation
−1760
−1762
−1764
−1766
−1768
−1770
−1772
0
25
50
75
100
125
150
175
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 2006
Profile
Elevation
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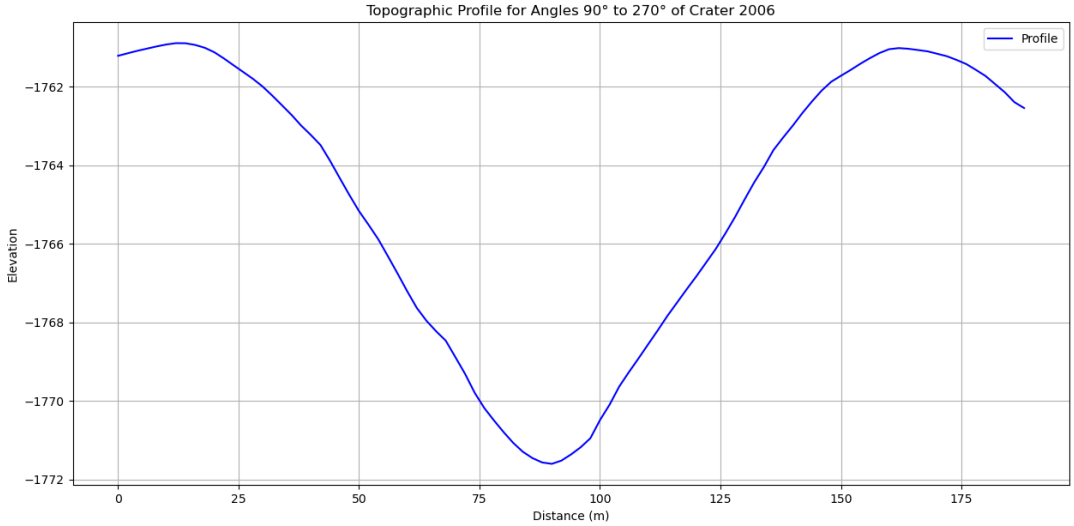
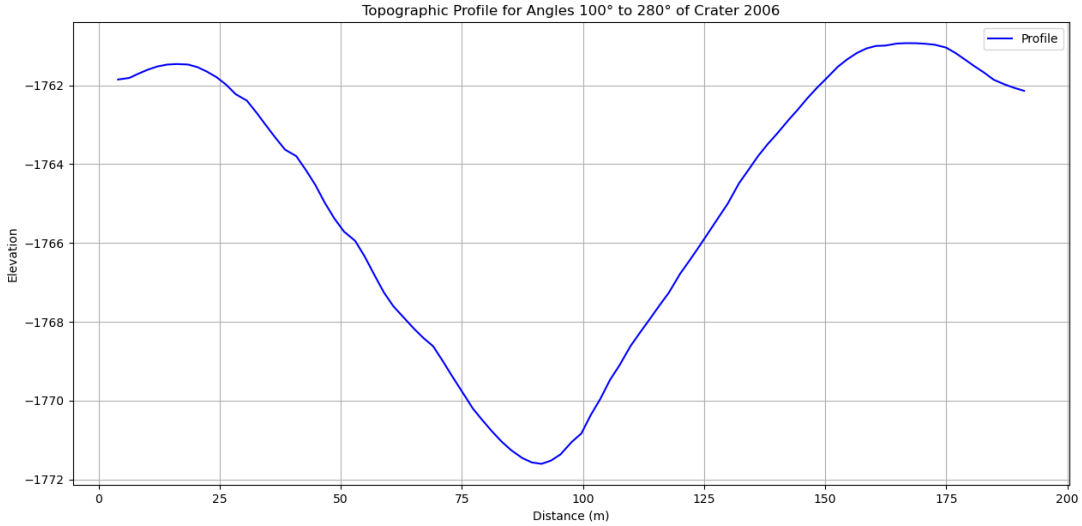
−1762
−1764
−1766
−1768
−1770
−1772
0
25
50
75
100
125
150
175
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 2006
Profile
Elevation
−1762
−1764
−1766
−1768
−1770
−1772
0
25
50
75
100
125
150
175
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 2006
Profile
Elevation
−1762
−1764
−1766
−1768
−1770
−1772
0
25
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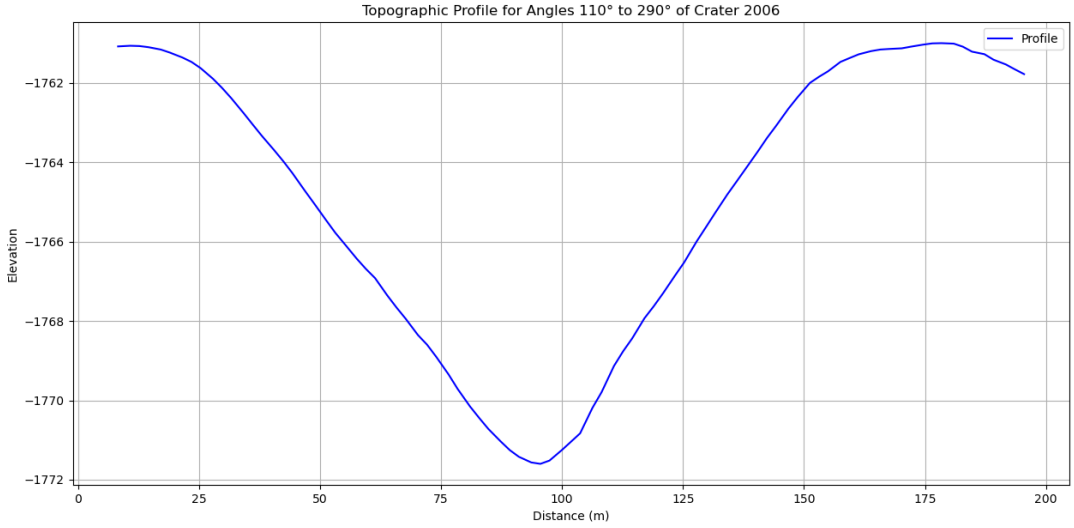
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 2006
Profile
Elevation
Distance (m)
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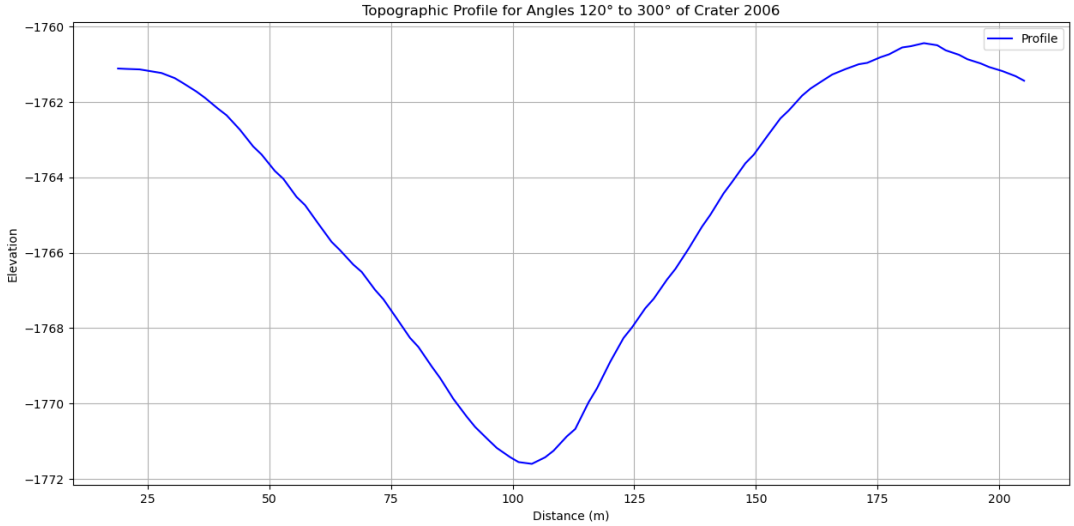
−1764
−1766
−1768
−1770
−1772
0
25
50
75
100
125
150
175
200


Topographic Profile for Angles 120° to 300° of Crater 2006
Profile
Elevation
Distance (m)
−1760
−1762
−1764
−1766
−1768
−1770
−1772
25
50
75
100
125
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175
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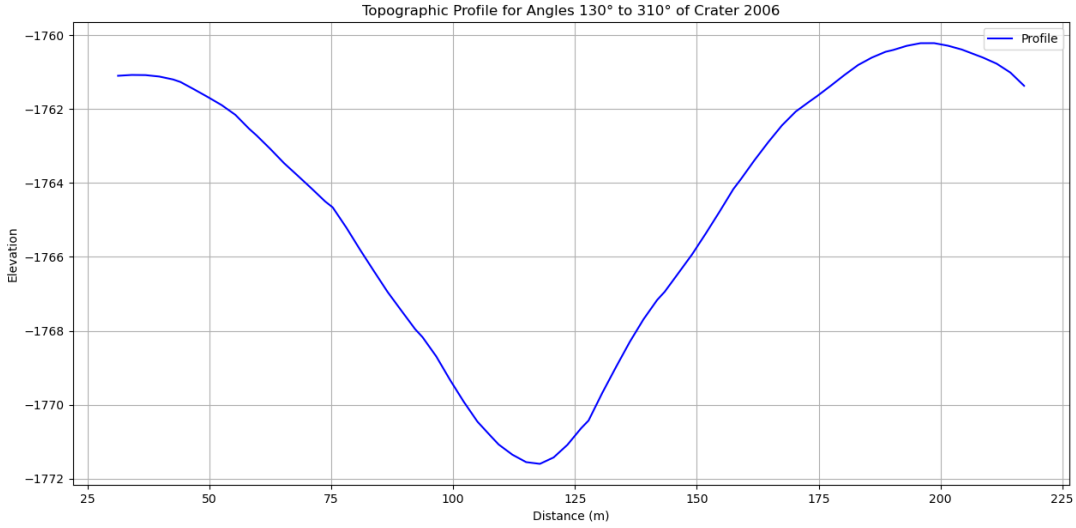
Topographic Profile for Angles 130° to 310° of Crater 2006
Profile
Elevation
Distance (m)
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−1762
−1764
−1766
−1768
−1770
−1772
25
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75
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125
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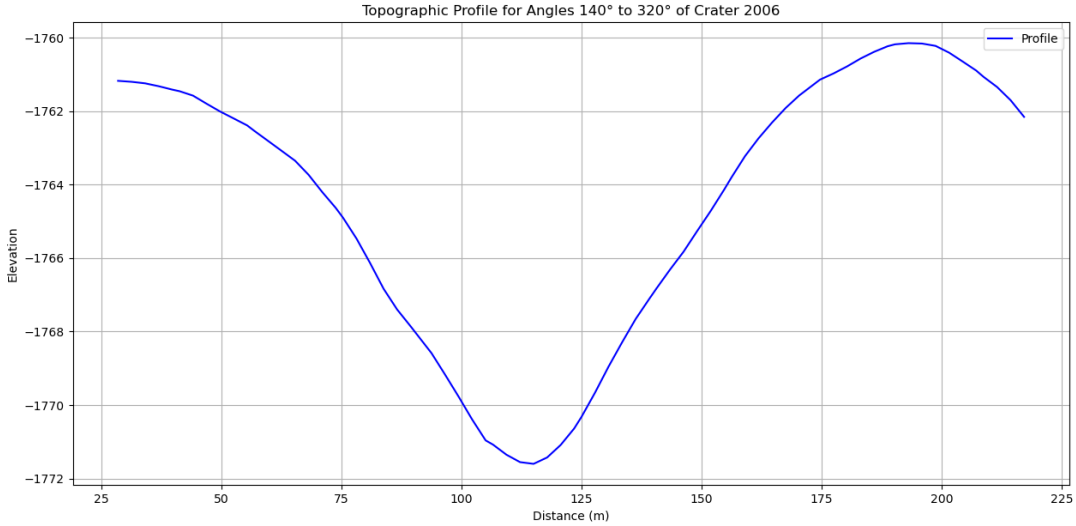
225


Topographic Profile for Angles 140° to 320° of Crater 2006
Profile
Elevation
Distance (m)
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−1762
−1764
−1766
−1768
−1770
−1772
25
50
75
100
125
150
175
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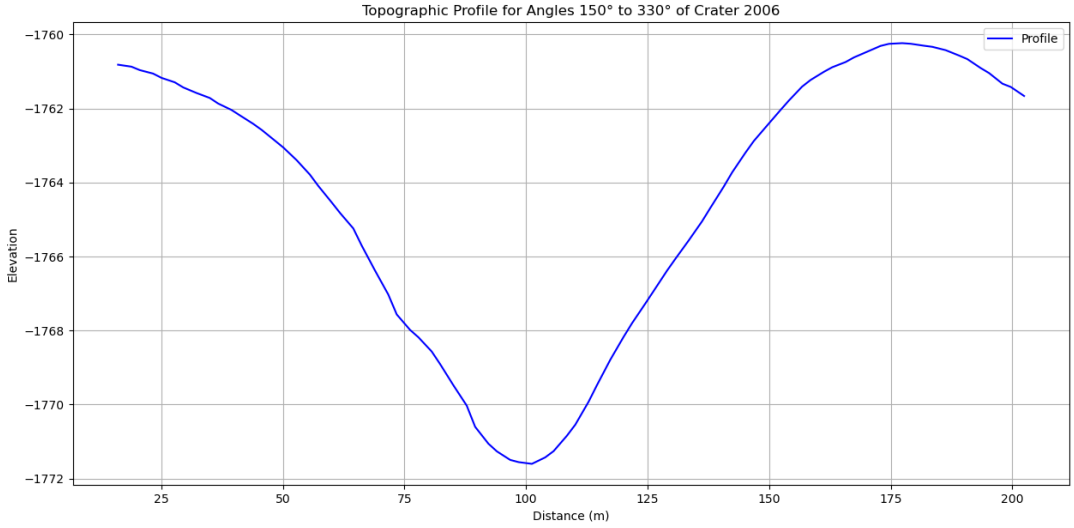
225


Topographic Profile for Angles 150° to 330° of Crater 2006
Profile
Elevation
Distance (m)
−1760
−1762
−1764
−1766
−1768
−1770
−1772
25
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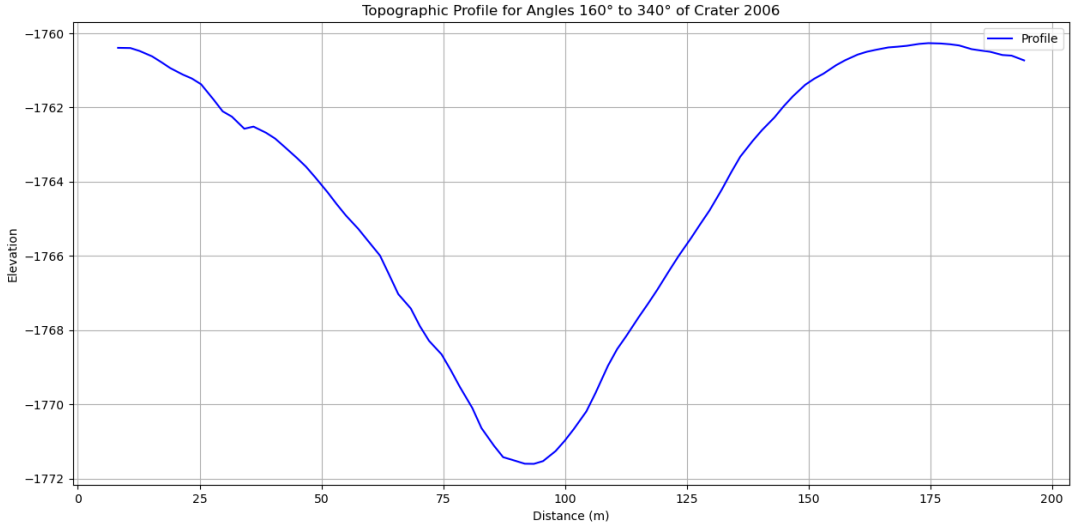
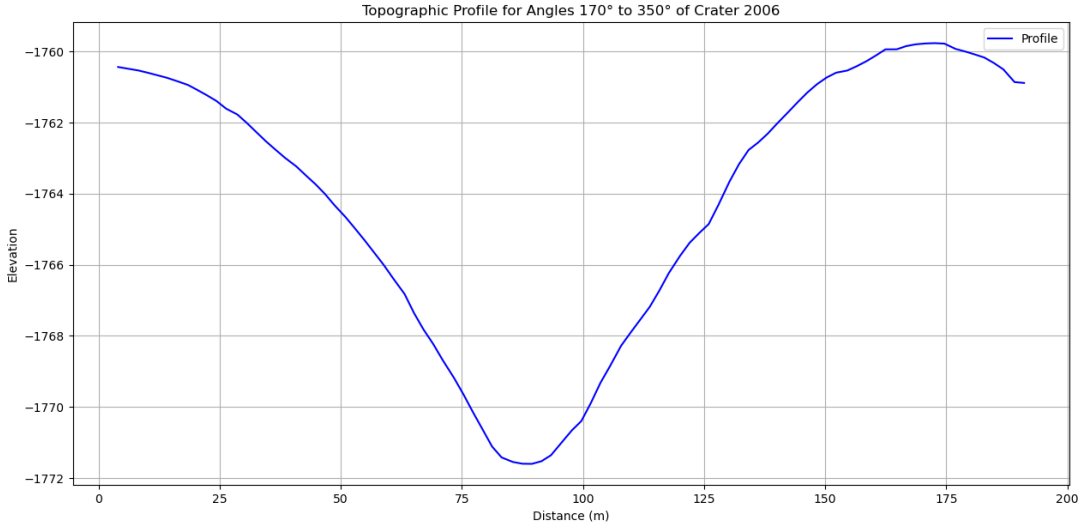
75
100
125
150
175
200


Topographic Profile for Angles 160° to 340° of Crater 2006
Profile
Elevation
Distance (m)
−1760
−1762
−1764
−1766
−1768
−1770
−1772
0
25
50
75
100
125
150
175
200


Topographic Profile for Angles 170° to 350° of Crater 2006
Profile
Elevation
−1760
−1762
−1764
−1766
−1768
−1770
−1772
0
25
50
75
100
125
150
175
200
Distance (m)