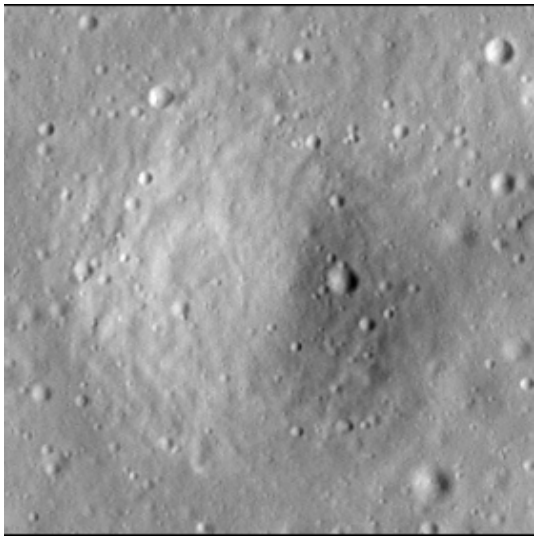
Crater report 1102 of RG2

General information



ID : 1102

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 145m ± 5.0m

Mean depht : 6.7m ± 0.3m

d/D ratio : 0.046 ± 0.003

Circularity index : 0.93

Slope : Between 5.69° et 8.17°

Mean value of TRI on the rim crest : 0.36

Geometric center coordinates : (3655978.8808479575, 226062.14882851357)

Coordinates of the crater's lowest point : (3655985.0000011004, 226053.00000006668)

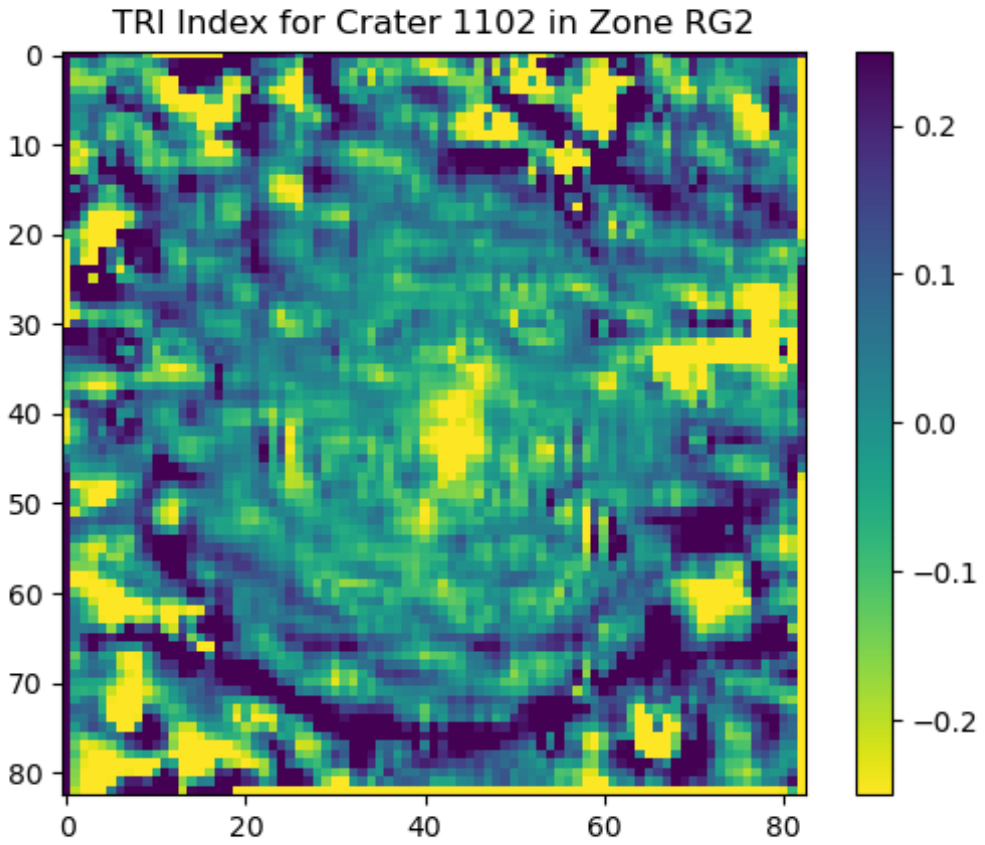
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	8.17	0.57
10°	8.02	0.55
20°	7.78	0.51
30°	7.24	0.48
40°	6.63	0.44
50°	5.94	0.43
60°	5.69	0.48
70°	5.71	0.51
80°	6.04	0.55
90°	6.78	0.57
100°	7.24	0.54
110°	7.59	0.52

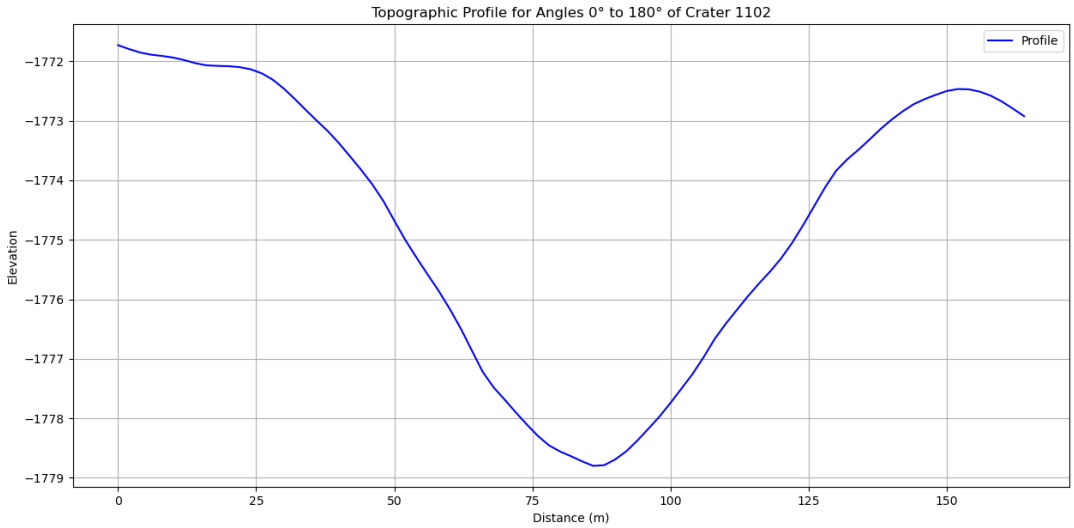
120°	7.94	0.48
130°	7.94	0.44
140°	7.4	0.44
150°	6.93	0.48
160°	6.98	0.52
170°	7.23	0.54
180°	7.31	0.57
190°	6.9	0.54
200°	6.92	0.52
210°	6.65	0.47
220°	6.67	0.43
230°	6.52	0.43
240°	6.18	0.48
250°	6.14	0.52
260°	6.79	0.54
270°	7.32	0.57
280°	7.2	0.54
290°	7.24	0.52
300°	7.53	0.48
310°	8.08	0.43
320°	8.14	0.43
330°	7.59	0.48
340°	7.15	0.51
350°	7.54	0.55

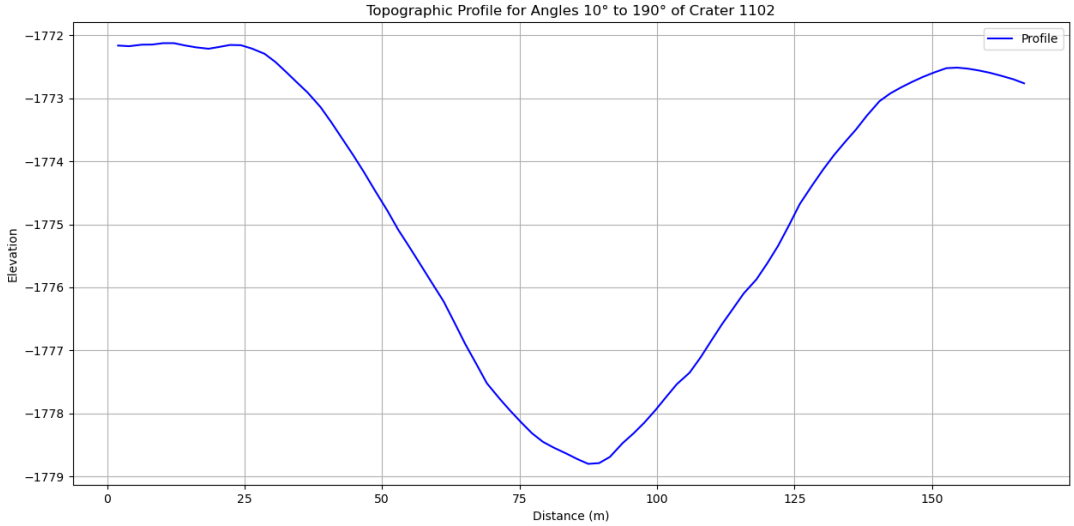
Topographic roughness index (TRI)

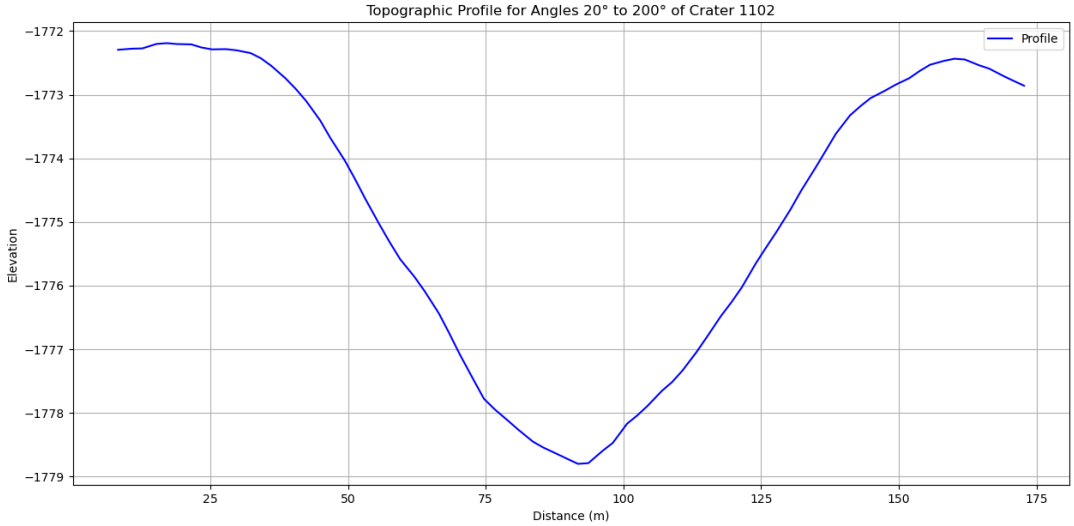
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

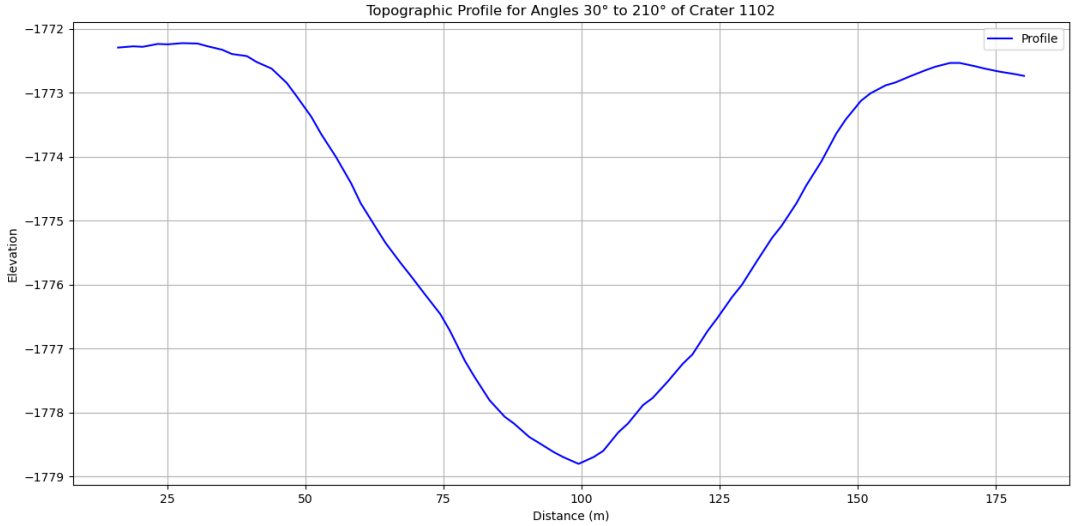


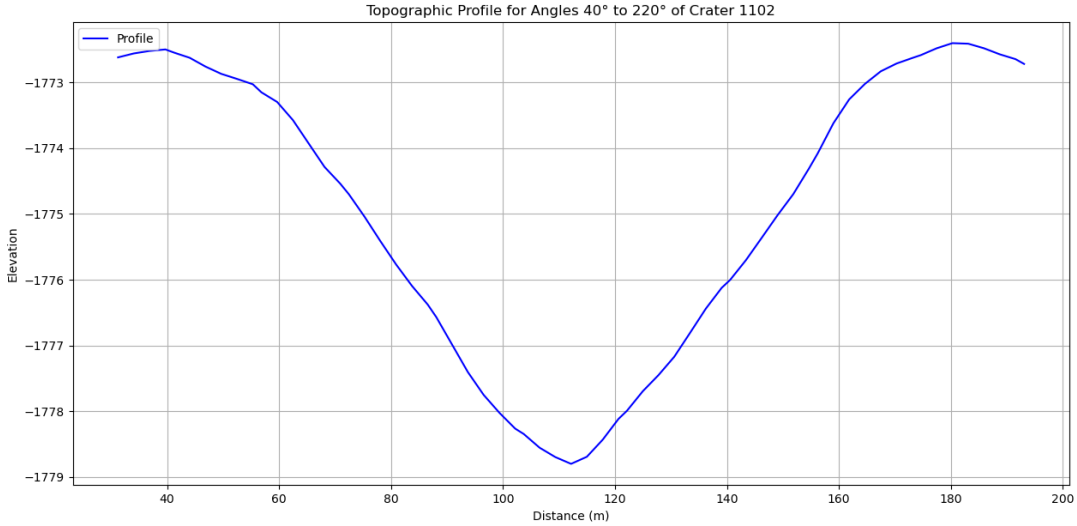
Topographic profiles

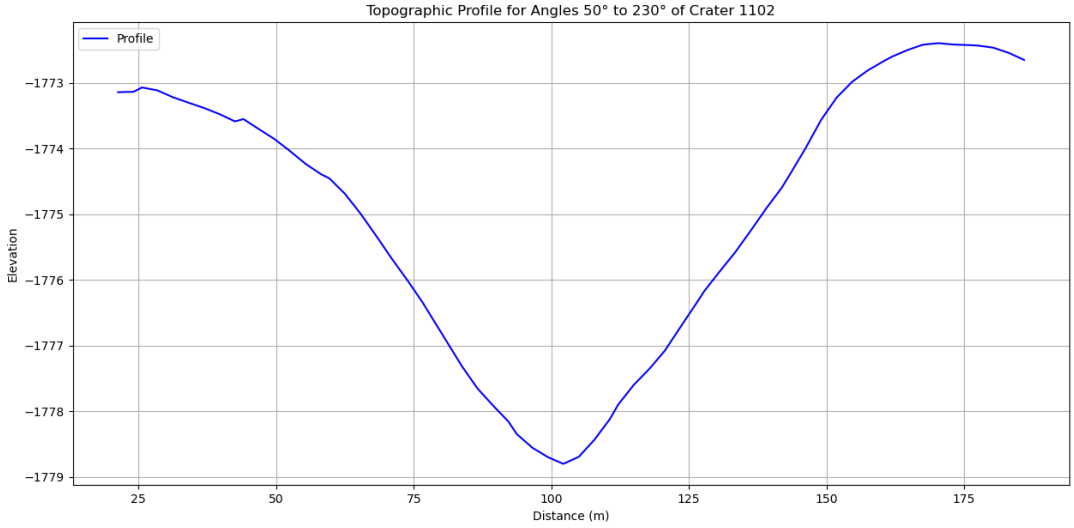



Topographic Profile for Angles 10° to 190° of Crater 1102
Profile
Elevation
Distance (m)
−1772
−1773
−1774
−1775
−1776
−1777
−1778
−1779
0
25
50
75
100
125
150


Topographic Profile for Angles 20° to 200° of Crater 1102
Profile
Elevation
Distance (m)
−1772
−1773
−1774
−1775
−1776
−1777
−1778
−1779
25
50
75
100
125
150
175


Topographic Profile for Angles 30° to 210° of Crater 1102
Profile
Elevation
Distance (m)
−1772
−1773
−1774
−1775
−1776
−1777
−1778
−1779
25
50
75
100
125
150
175


Topographic Profile for Angles 40° to 220° of Crater 1102
Profile
Elevation
Distance (m)
−1773
−1774
−1775
−1776
−1777
−1778
−1779
40
60
80
100
120
140
160
180
200


Topographic Profile for Angles 50° to 230° of Crater 1102
Profile
Elevation
Distance (m)
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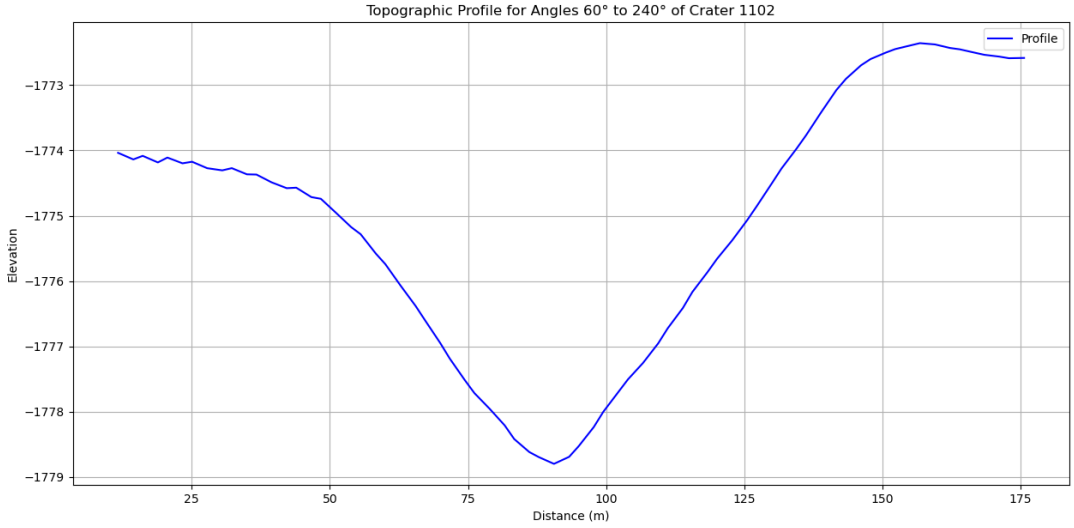
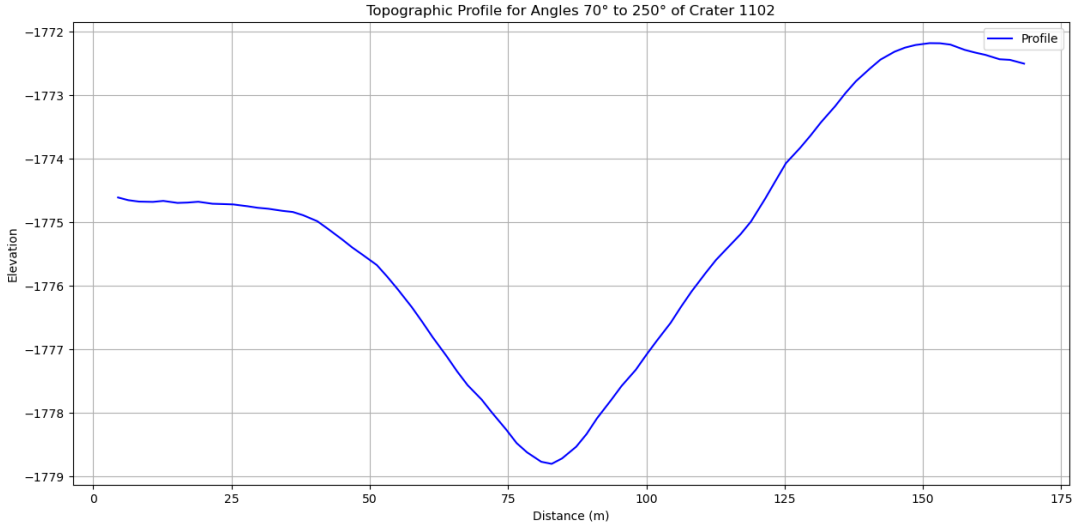
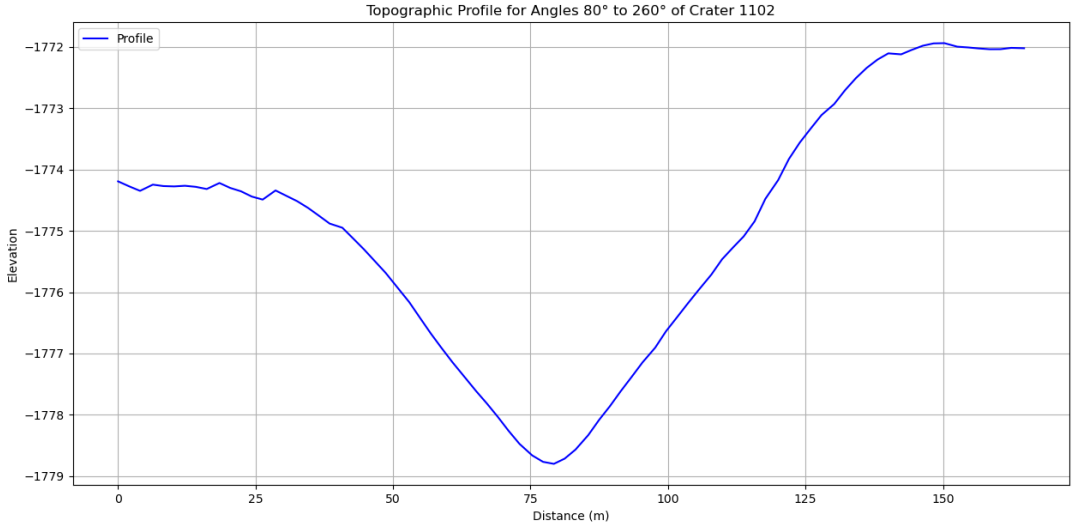
−1774
−1775
−1776
−1777
−1778
−1779
25
50
75
100
125
150
175


Topographic Profile for Angles 60° to 240° of Crater 1102
Profile
Elevation
Distance (m)
−1773
−1774
−1775
−1776
−1777
−1778
−1779
25
50
75
100
125
150
175


Topographic Profile for Angles 70° to 250° of Crater 1102
Profile
Elevation
Distance (m)
−1772
−1773
−1774
−1775
−1776
−1777
−1778
−1779
0
25
50
75
100
125
150
175


Topographic Profile for Angles 80° to 260° of Crater 1102
Profile
Elevation
Distance (m)
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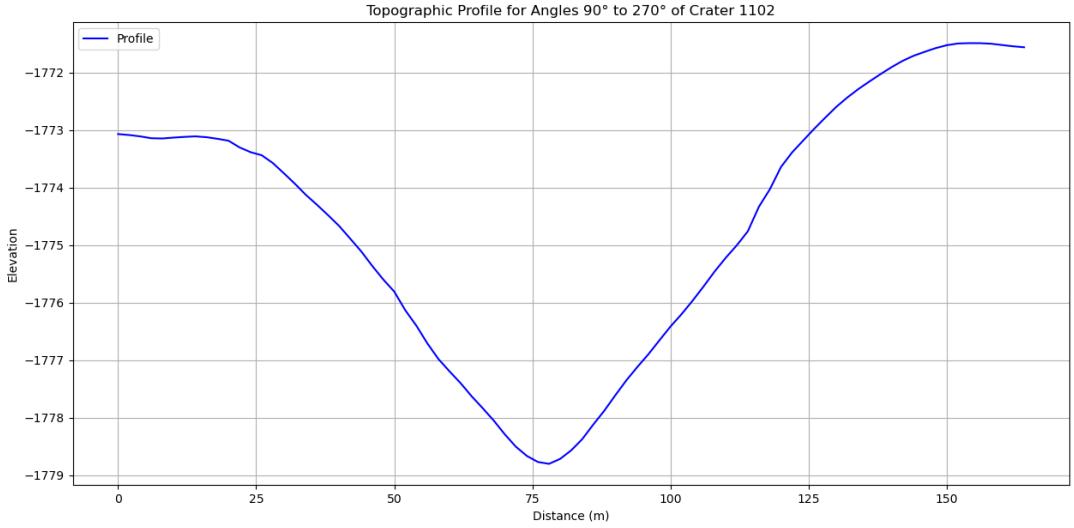
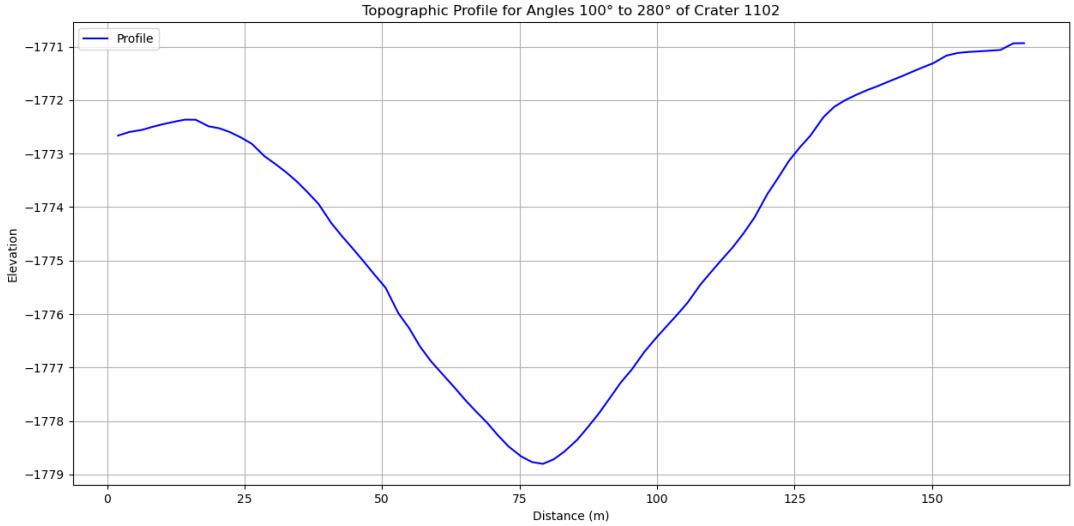
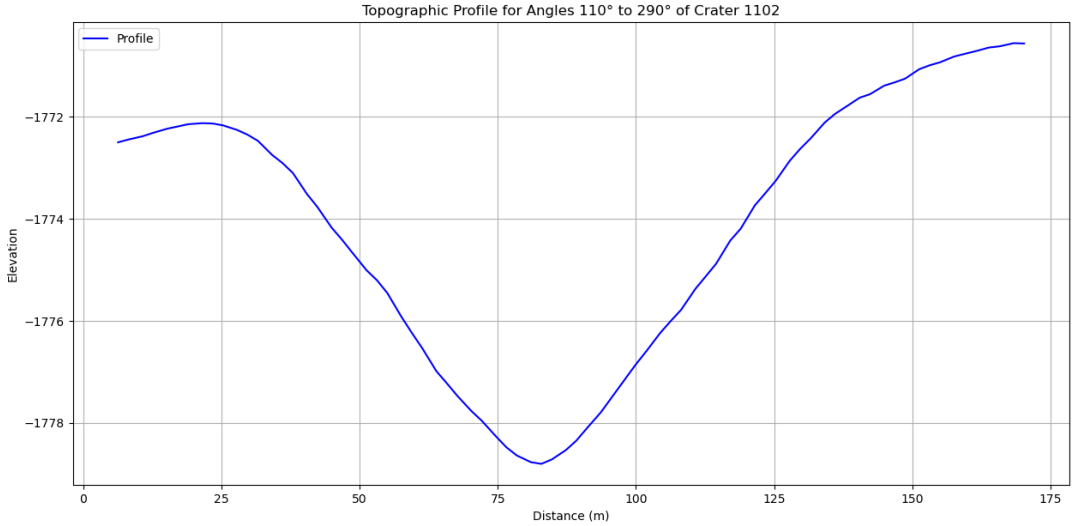
−1773
−1774
−1775
−1776
−1777
−1778
−1779
0
25
50
75
100
125
150


Topographic Profile for Angles 90° to 270° of Crater 1102
Profile
Elevation
Distance (m)
−1772
−1773
−1774
−1775
−1776
−1777
−1778
−1779
0
25
50
75
100
125
150


Topographic Profile for Angles 100° to 280° of Crater 1102
Profile
Elevation
Distance (m)
−1771
−1772
−1773
−1774
−1775
−1776
−1777
−1778
−1779
0
25
50
75
100
125
150


Topographic Profile for Angles 110° to 290° of Crater 1102
Profile
Elevation
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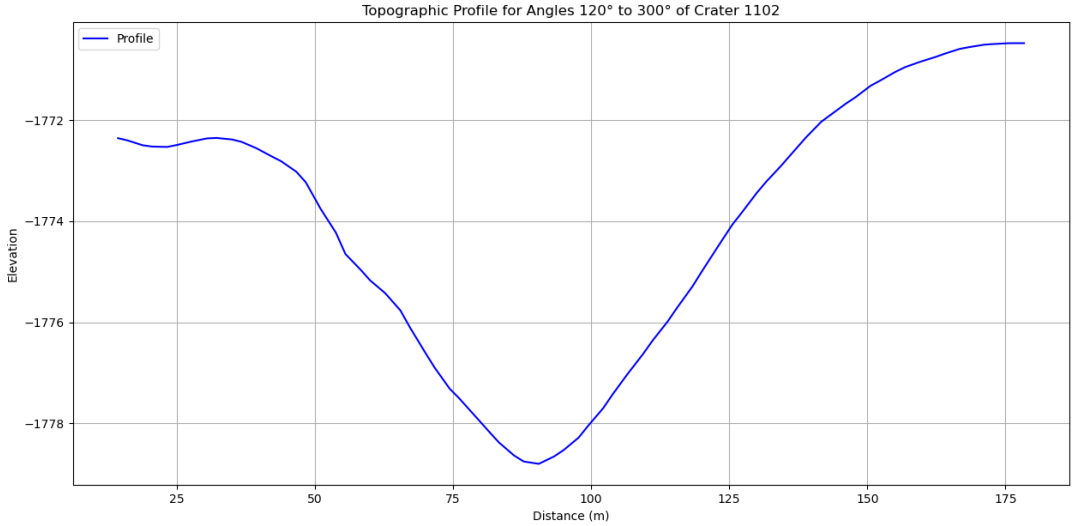
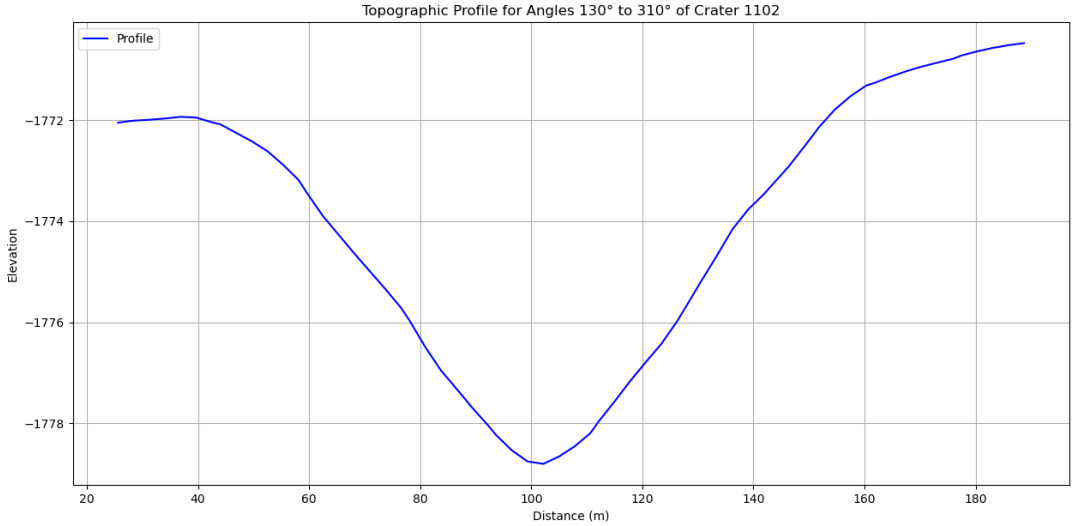
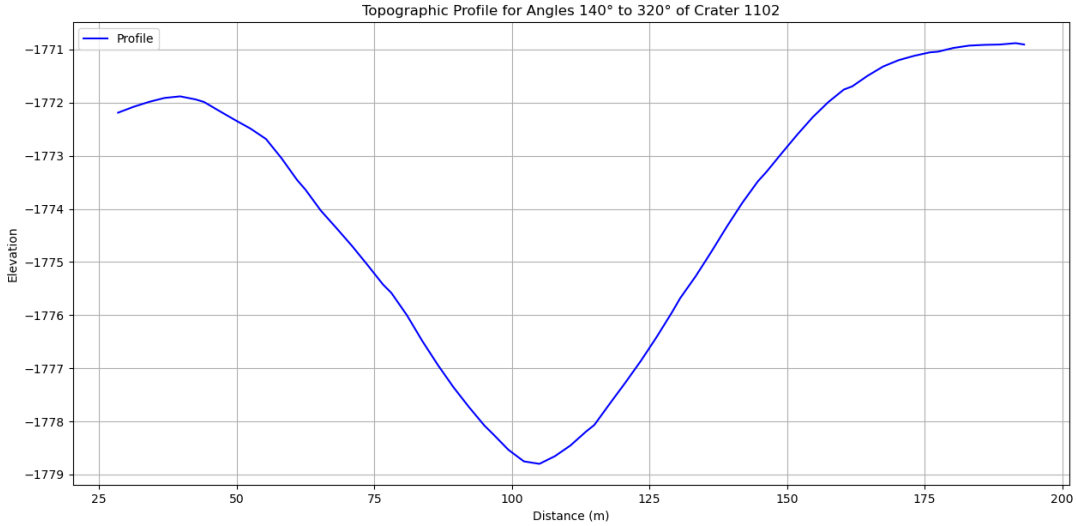
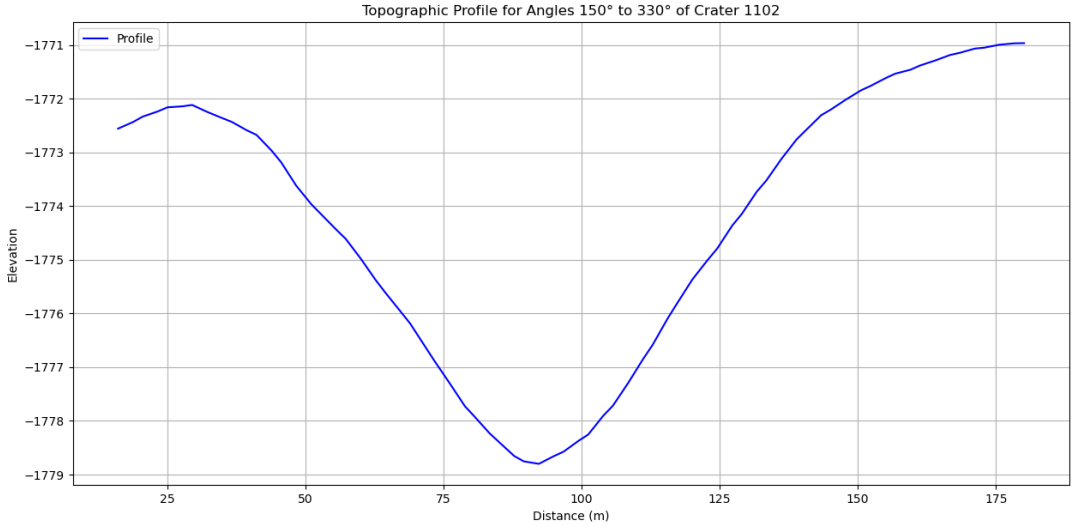
−1774
−1776
−1778
0
25
50
75
100
125
150
175
Distance (m)


Topographic Profile for Angles 120° to 300° of Crater 1102
Profile
Elevation
−1772
−1774
−1776
−1778
25
50
75
100
125
150
175
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 1102
Profile
Elevation
−1772
−1774
−1776
−1778
20
40
60
80
100
120
140
160
180
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 1102
Profile
Elevation
−1771
−1772
−1773
−1774
−1775
−1776
−1777
−1778
−1779
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 1102
Profile
Elevation
Distance (m)
−1771
−1772
−1773
−1774
−1775
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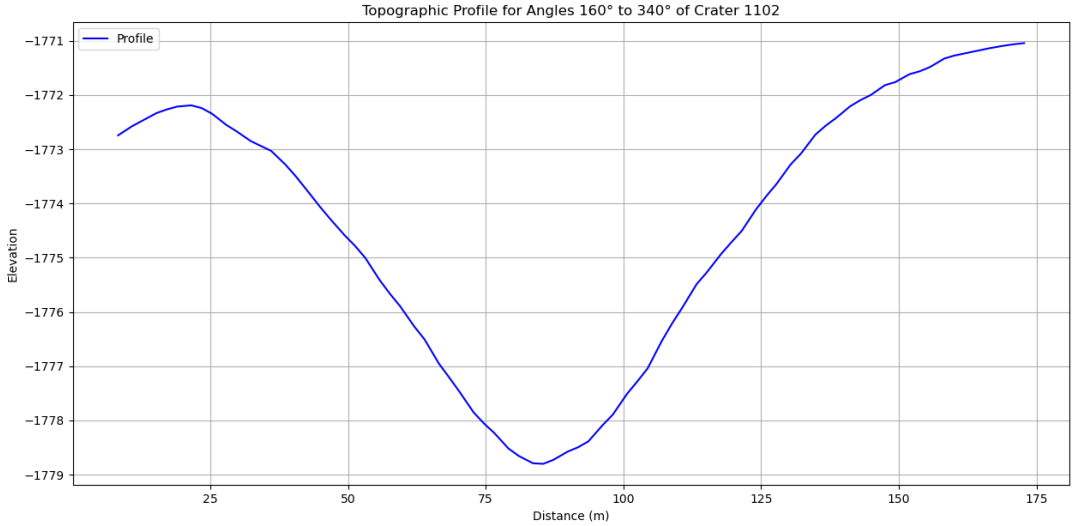
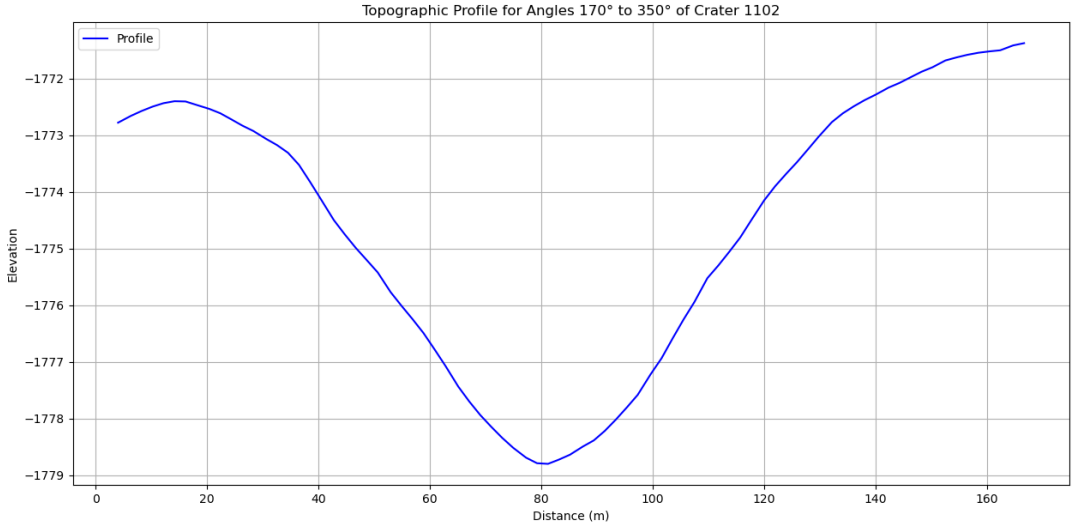
−1777
−1778
−1779
25
50
75
100
125
150
175


Topographic Profile for Angles 160° to 340° of Crater 1102
Profile
Elevation
Distance (m)
−1771
−1772
−1773
−1774
−1775
−1776
−1777
−1778
−1779
25
50
75
100
125
150
175


Topographic Profile for Angles 170° to 350° of Crater 1102
Profile
Elevation
−1772
−1773
−1774
−1775
−1776
−1777
−1778
−1779
0
20
40
60
80
100
120
140
160
Distance (m)