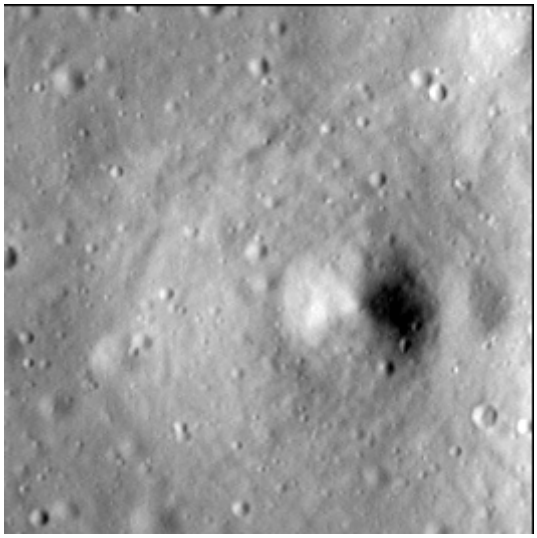
Crater report 1110 of RG2

General information



ID : 1110

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : B - BC

Mean Diameter : 131m ± 10.0m

Mean depht : 11.8m ± 0.6m

d/D ratio : 0.09 ± 0.008

Circularity index : 0.91

Slope : Between 6.95° et 18.61°

Mean value of TRI on the rim crest : 0.19

Geometric center coordinates : (3655376.8984340704, 225355.4284264452)

Coordinates of the crater's lowest point : (3655395.0000011, 225343.00000006647)

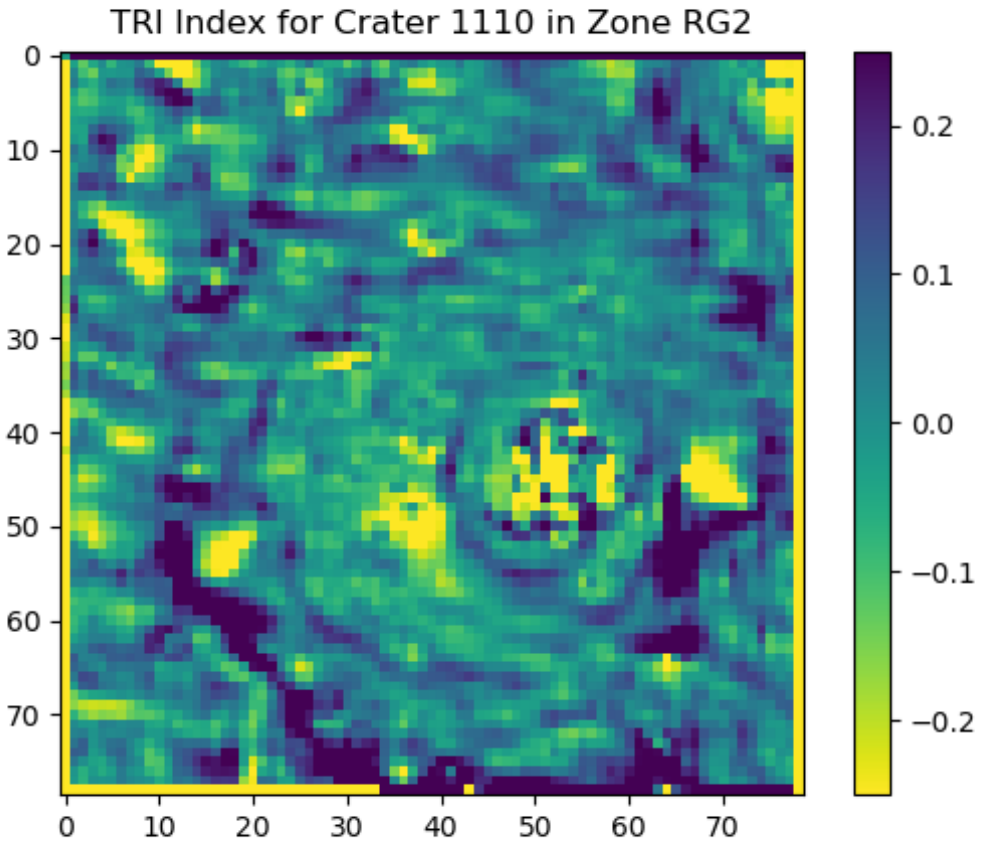
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	13.83	0.57
10°	13.49	0.54
20°	13.27	0.51
30°	13.11	0.48
40°	14.97	0.43
50°	15.2	0.44
60°	15.45	0.47
70°	16.82	0.51
80°	17.45	0.52
90°	18.61	0.55
100°	17.09	0.52
110°	16.77	0.52

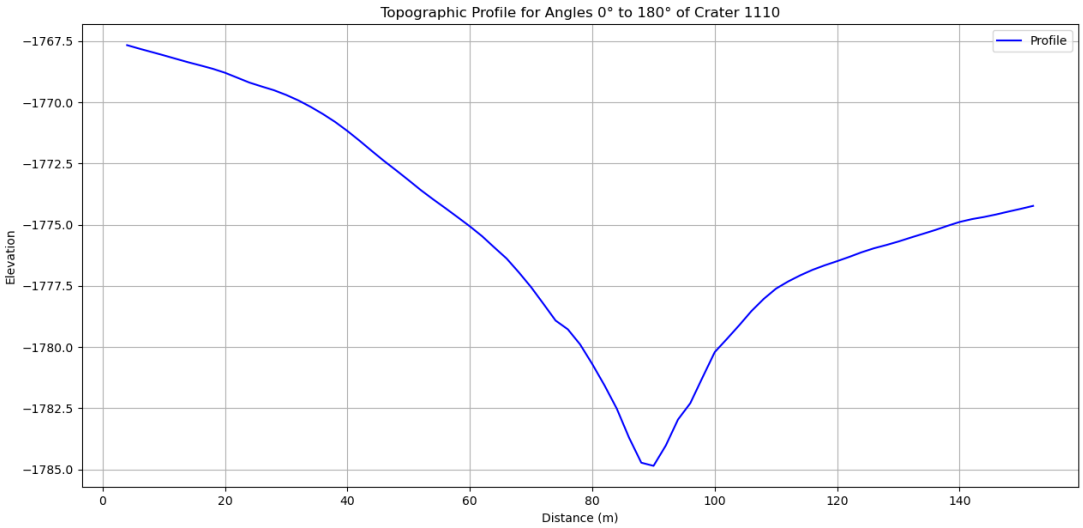
120°	16.58	0.48
130°	17.48	0.42
140°	17.5	0.42
150°	14.87	0.47
160°	13.4	0.51
170°	14.02	0.52
180°	13.71	0.56
190°	11.78	0.53
200°	10.0	0.51
210°	9.38	0.48
220°	9.07	0.44
230°	7.94	0.44
240°	7.05	0.48
250°	6.95	0.51
260°	7.32	0.54
270°	7.49	0.57
280°	7.71	0.54
290°	7.75	0.51
300°	8.39	0.48
310°	9.8	0.43
320°	11.41	0.43
330°	12.01	0.48
340°	12.25	0.51
350°	13.29	0.54

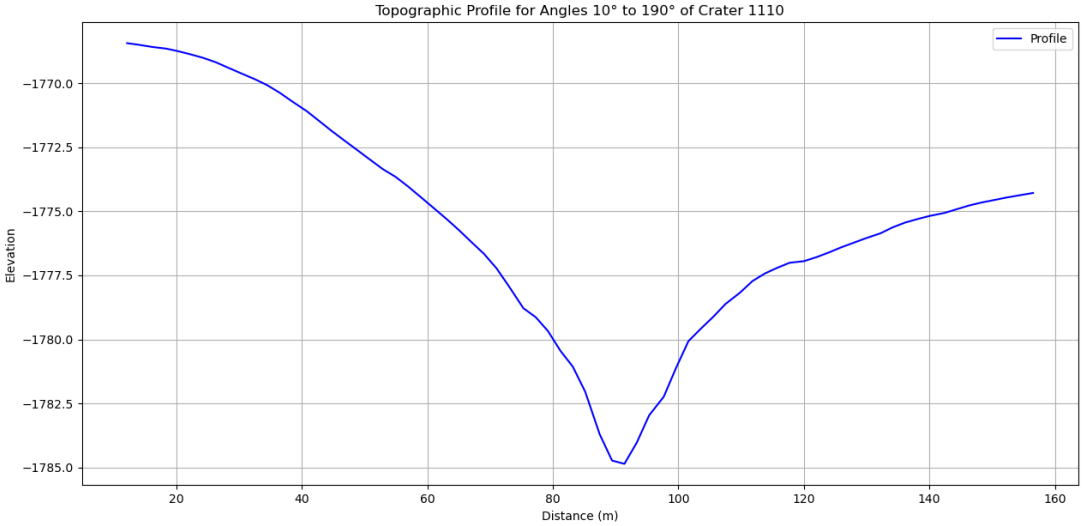
Topographic roughness index (TRI)

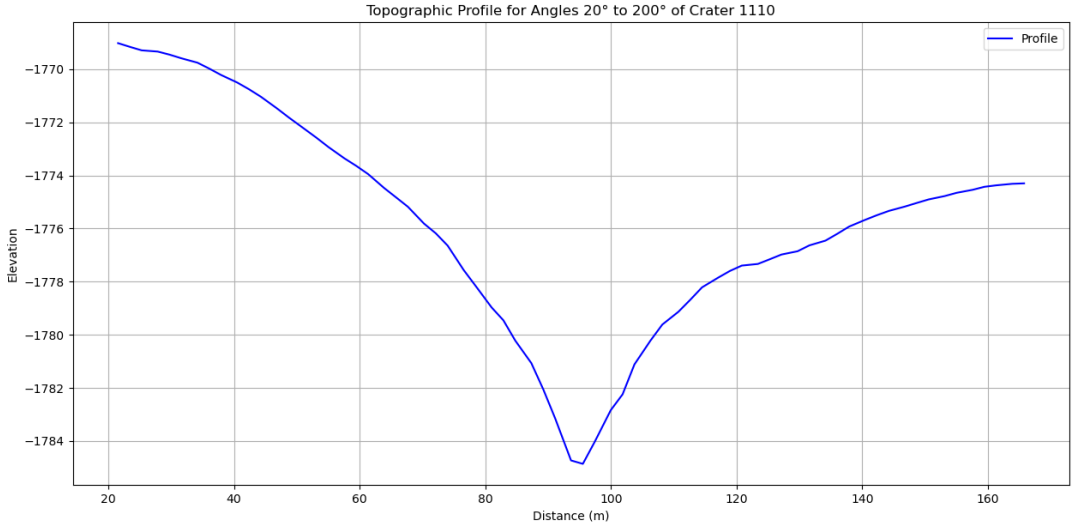
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

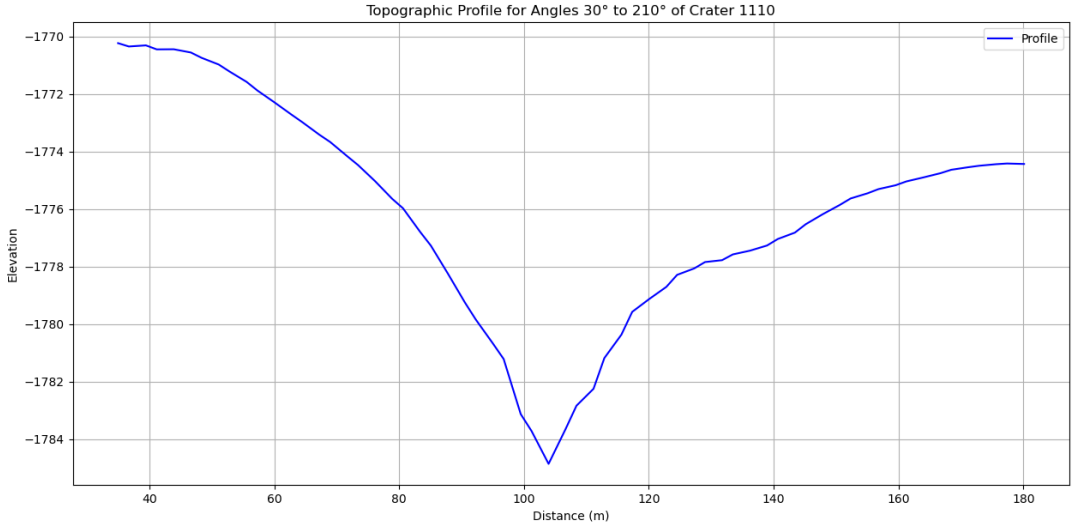


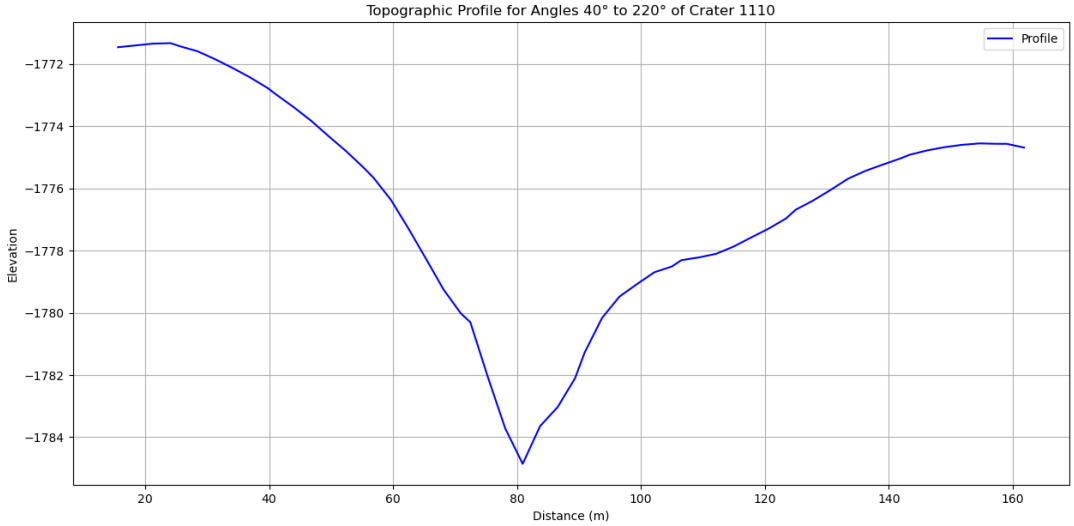
Topographic profiles

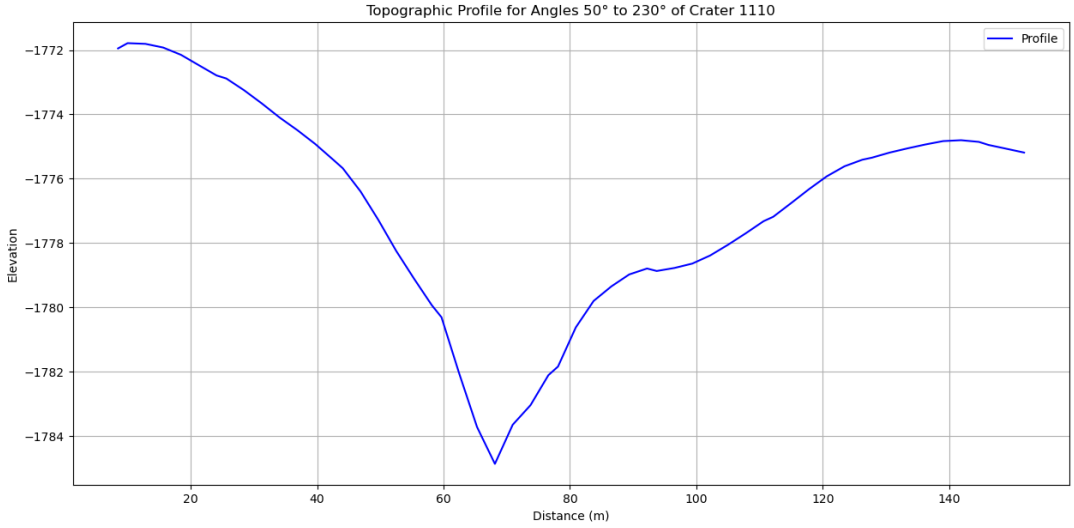


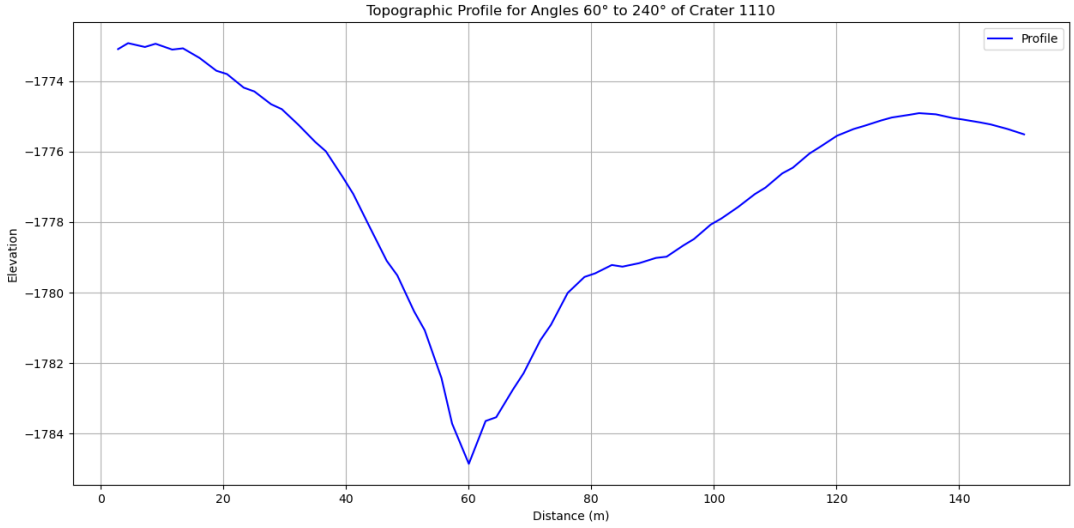

Topographic Profile for Angles 10° to 190° of Crater 1110
Profile
Elevation
−1770.0
−1772.5
−1775.0
−1777.5
−1780.0
−1782.5
−1785.0
20
40
60
80
100
120
140
160
Distance (m)

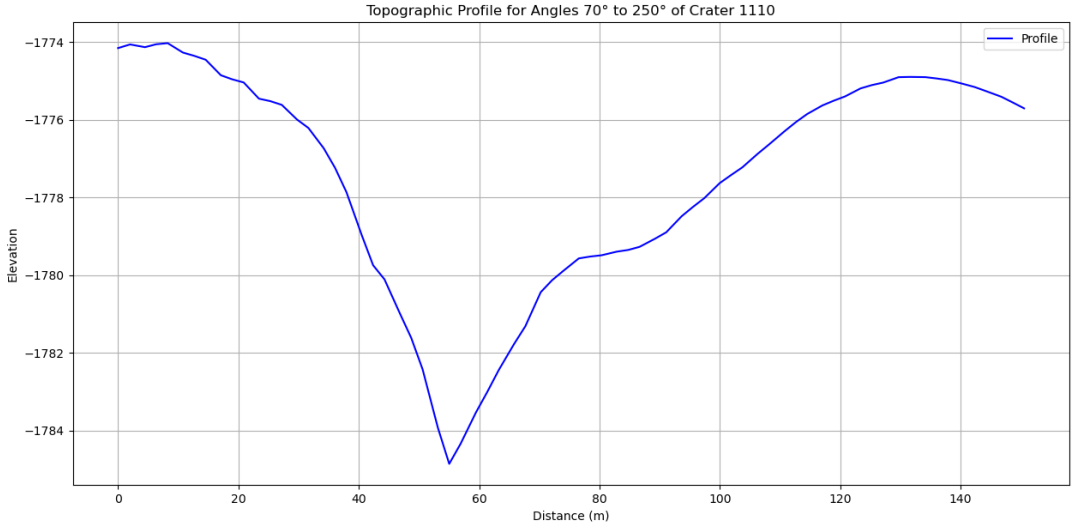

Topographic Profile for Angles 20° to 200° of Crater 1110
Profile
Elevation
−1770
−1772
−1774
−1776
−1778
−1780
−1782
−1784
20
40
60
80
100
120
140
160
Distance (m)

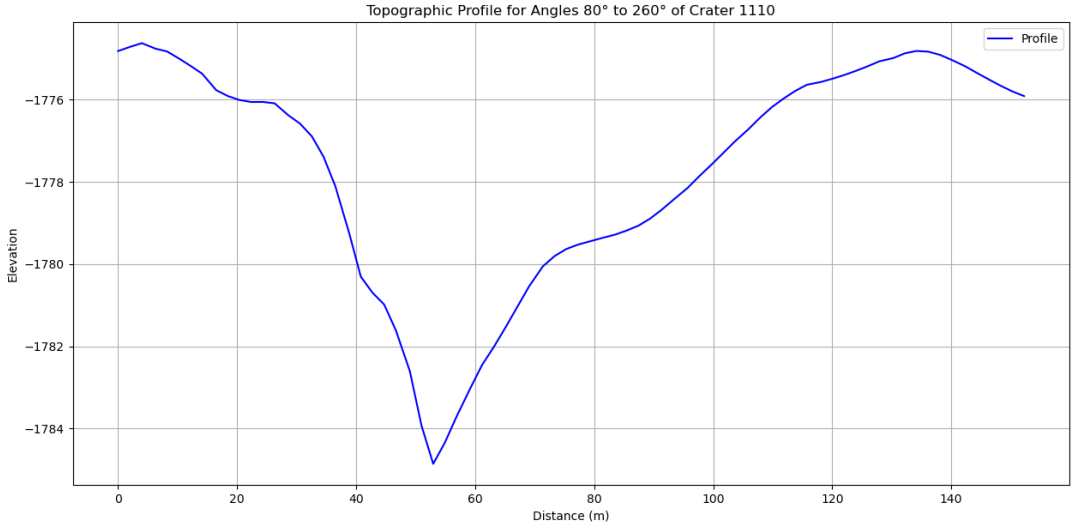

Topographic Profile for Angles 30° to 210° of Crater 1110
Profile
Elevation
Distance (m)
−1770
−1772
−1774
−1776
−1778
−1780
−1782
−1784
40
60
80
100
120
140
160
180

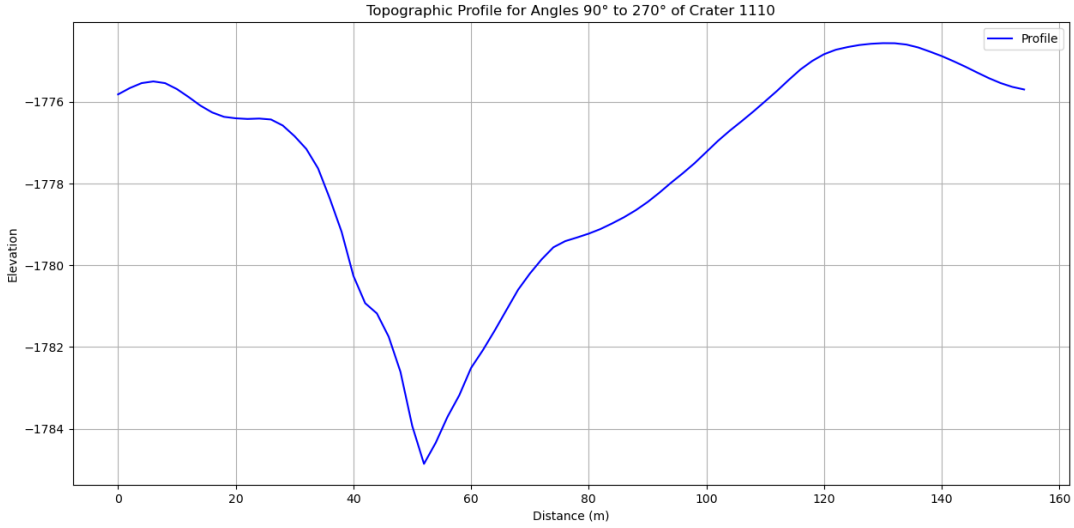

Topographic Profile for Angles 40° to 220° of Crater 1110
Profile
Elevation
Distance (m)
−1772
−1774
−1776
−1778
−1780
−1782
−1784
20
40
60
80
100
120
140
160

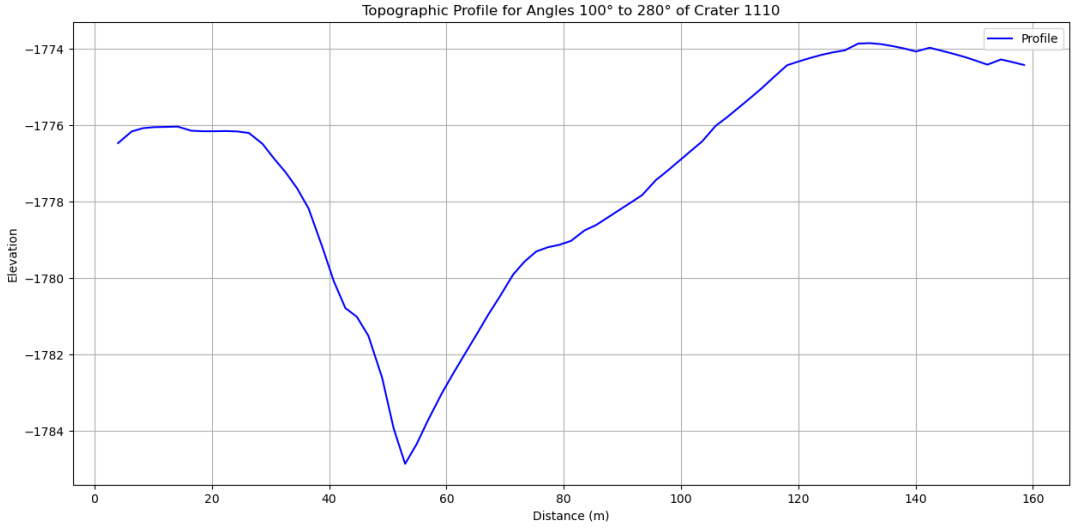

Topographic Profile for Angles 50° to 230° of Crater 1110
Profile
Elevation
−1772
−1774
−1776
−1778
−1780
−1782
−1784
20
40
60
80
100
120
140
Distance (m)

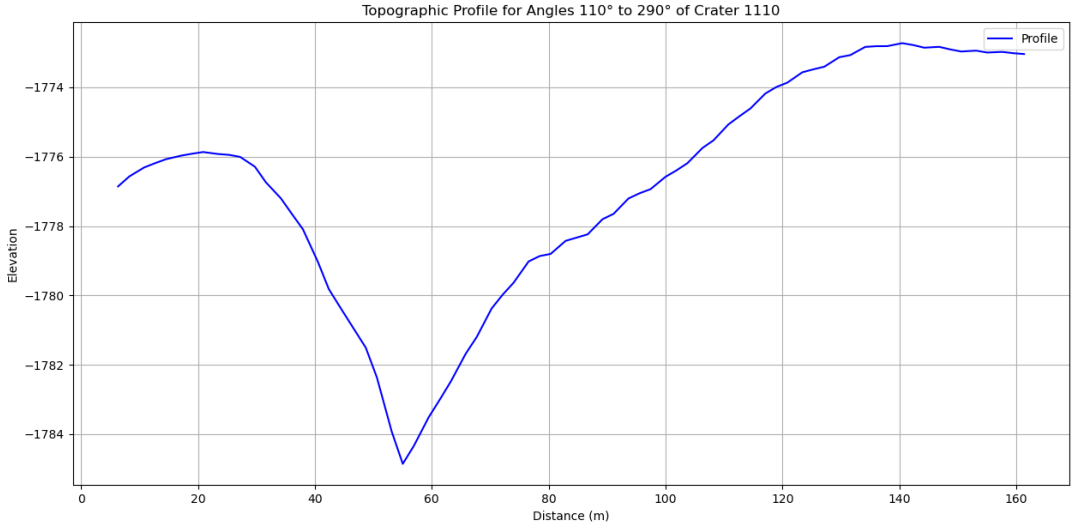

Topographic Profile for Angles 60° to 240° of Crater 1110
Profile
Elevation
−1774
−1776
−1778
−1780
−1782
−1784
0
20
40
60
80
100
120
140
Distance (m)

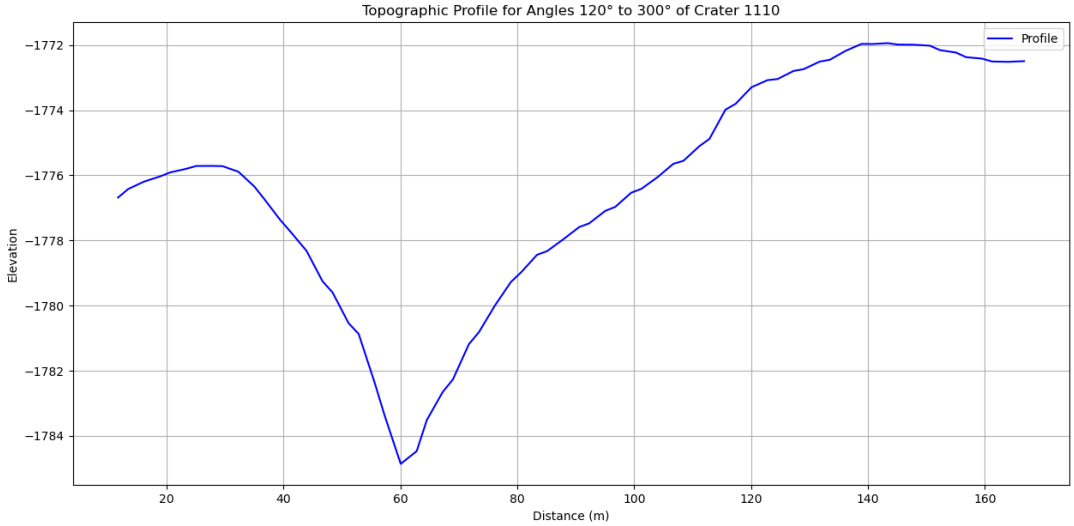

Topographic Profile for Angles 70° to 250° of Crater 1110
Profile
Elevation
−1774
−1776
−1778
−1780
−1782
−1784
0
20
40
60
80
100
120
140
Distance (m)

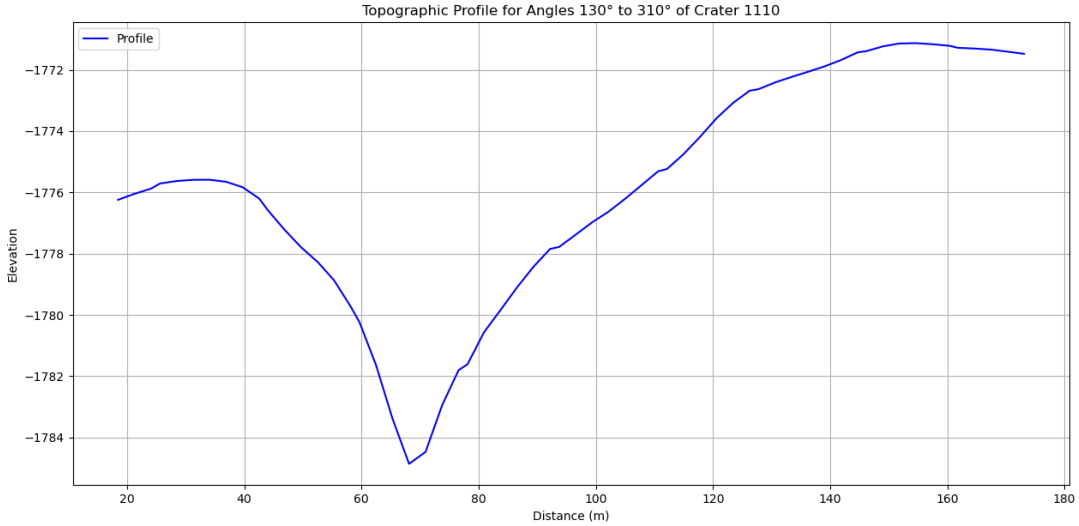

Topographic Profile for Angles 80° to 260° of Crater 1110
Profile
Elevation
−1776
−1778
−1780
−1782
−1784
0
20
40
60
80
100
120
140
Distance (m)

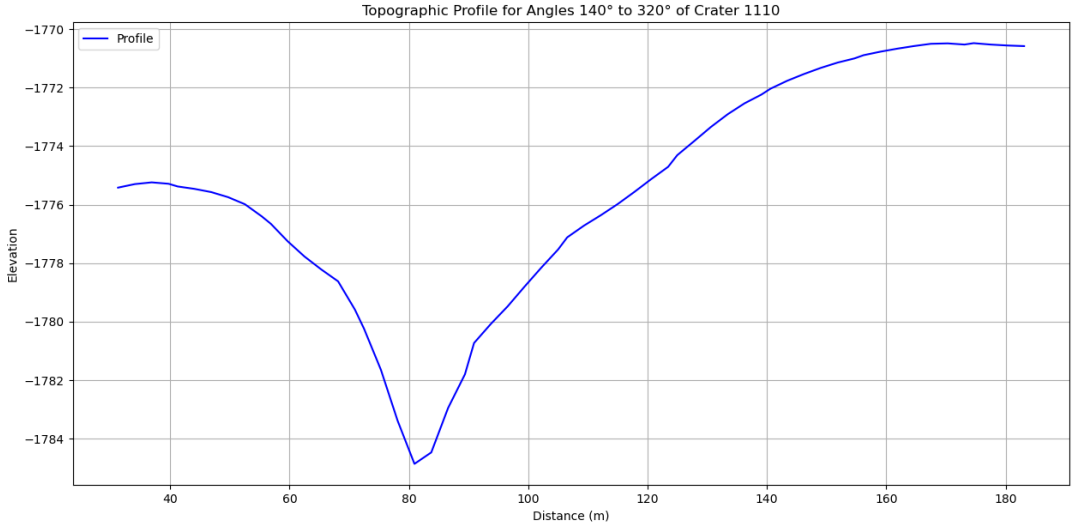

Topographic Profile for Angles 90° to 270° of Crater 1110
Profile
Elevation
−1776
−1778
−1780
−1782
−1784
0
20
40
60
80
100
120
140
160
Distance (m)

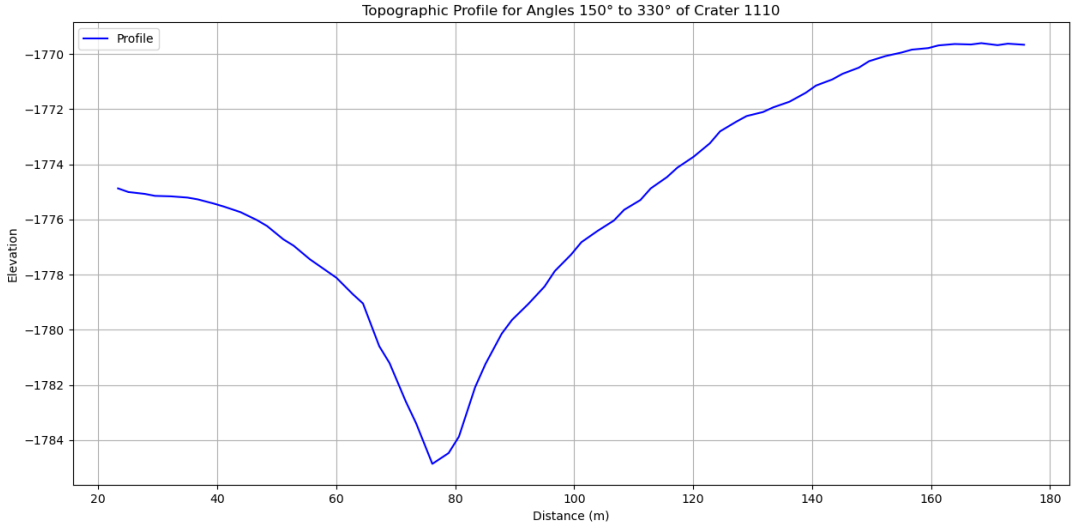

Topographic Profile for Angles 100° to 280° of Crater 1110
Profile
Elevation
−1774
−1776
−1778
−1780
−1782
−1784
0
20
40
60
80
100
120
140
160
Distance (m)

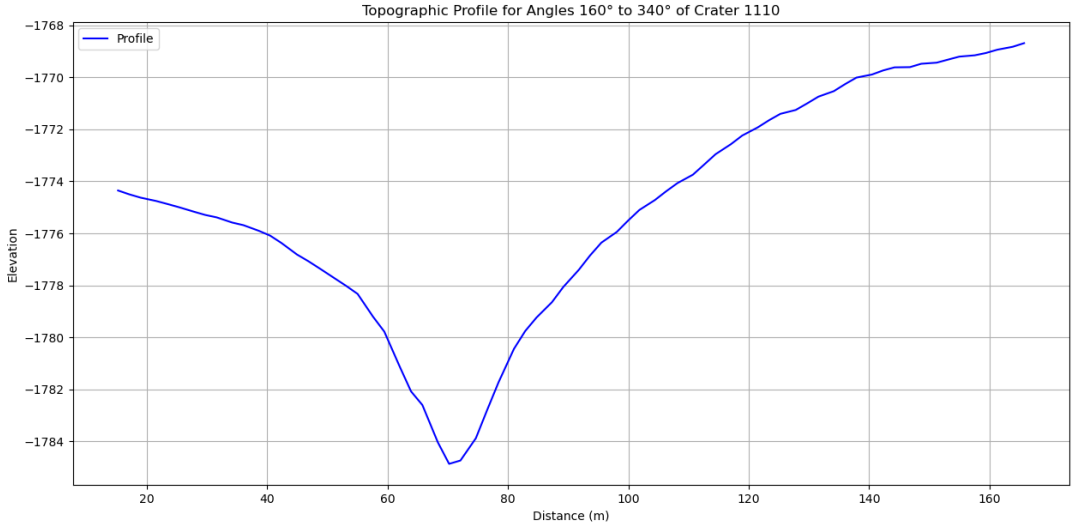

Topographic Profile for Angles 110° to 290° of Crater 1110
Profile
Elevation
Distance (m)
−1774
−1776
−1778
−1780
−1782
−1784
0
20
40
60
80
100
120
140
160

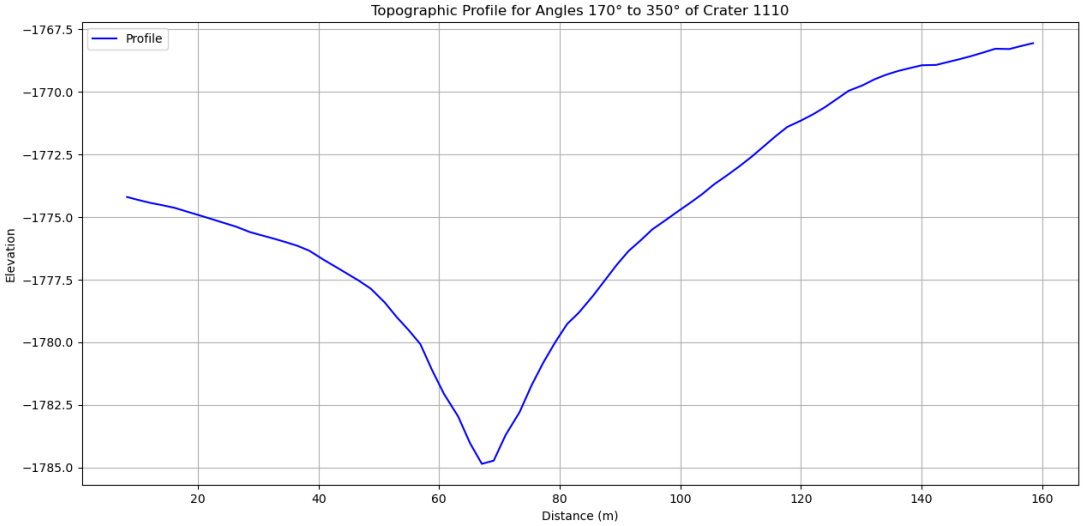

Topographic Profile for Angles 120° to 300° of Crater 1110
Profile
Elevation
Distance (m)
−1772
−1774
−1776
−1778
−1780
−1782
−1784
20
40
60
80
100
120
140
160


Topographic Profile for Angles 130° to 310° of Crater 1110
Profile
Elevation
Distance (m)
−1772
−1774
−1776
−1778
−1780
−1782
−1784
20
40
60
80
100
120
140
160
180


Topographic Profile for Angles 140° to 320° of Crater 1110
Profile
Elevation
Distance (m)
−1770
−1772
−1774
−1776
−1778
−1780
−1782
−1784
40
60
80
100
120
140
160
180


Topographic Profile for Angles 150° to 330° of Crater 1110
Profile
Elevation
Distance (m)
−1770
−1772
−1774
−1776
−1778
−1780
−1782
−1784
20
40
60
80
100
120
140
160
180


Topographic Profile for Angles 160° to 340° of Crater 1110
Profile
Elevation
Distance (m)
−1768
−1770
−1772
−1774
−1776
−1778
−1780
−1782
−1784
20
40
60
80
100
120
140
160


Topographic Profile for Angles 170° to 350° of Crater 1110
Profile
Elevation
Distance (m)
−1767.5
−1770.0
−1772.5
−1775.0
−1777.5
−1780.0
−1782.5
−1785.0
20
40
60
80
100
120
140
160