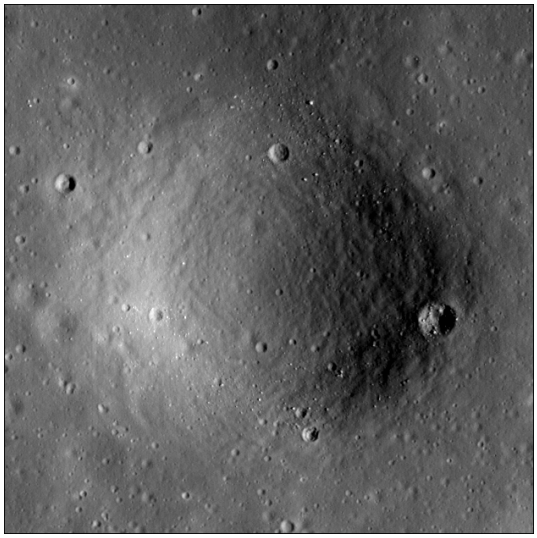
Crater report 0 of RG2

General information



ID : 0

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : Unknown

Mean Diameter : 351m ± 18.0m

Mean depht : 27.7m ± 0.7m

d/D ratio : 0.079 ± 0.005

Circularity index : 0.91

Slope : Between 9.46° et 17.71°

Mean value of TRI on the rim crest : 0.22

Geometric center coordinates : (3656930.2539490894, 235982.36163064634)

Coordinates of the crater's lowest point : (3656923.0000011004, 235981.00000006967)

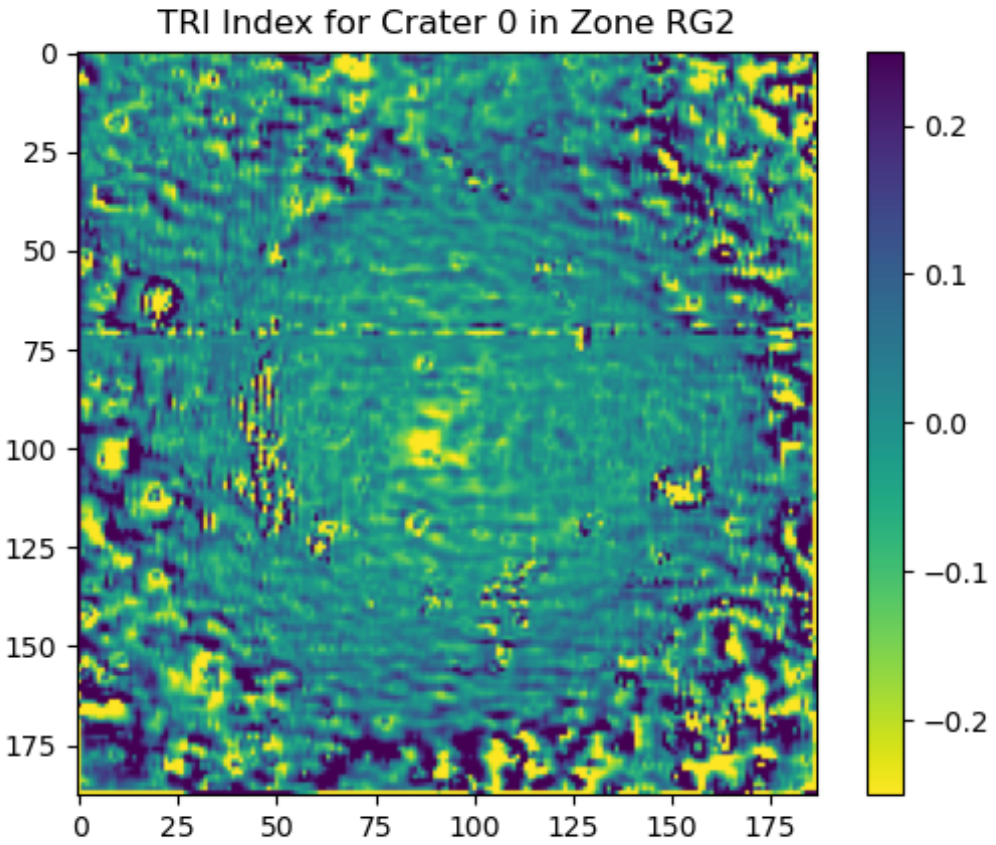
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	11.59	0.57
10°	12.51	0.54
20°	13.98	0.51
30°	15.23	0.48
40°	15.72	0.43
50°	15.4	0.43
60°	14.16	0.48
70°	13.16	0.51
80°	12.29	0.54
90°	12.92	0.57
100°	12.25	0.54
110°	13.76	0.51

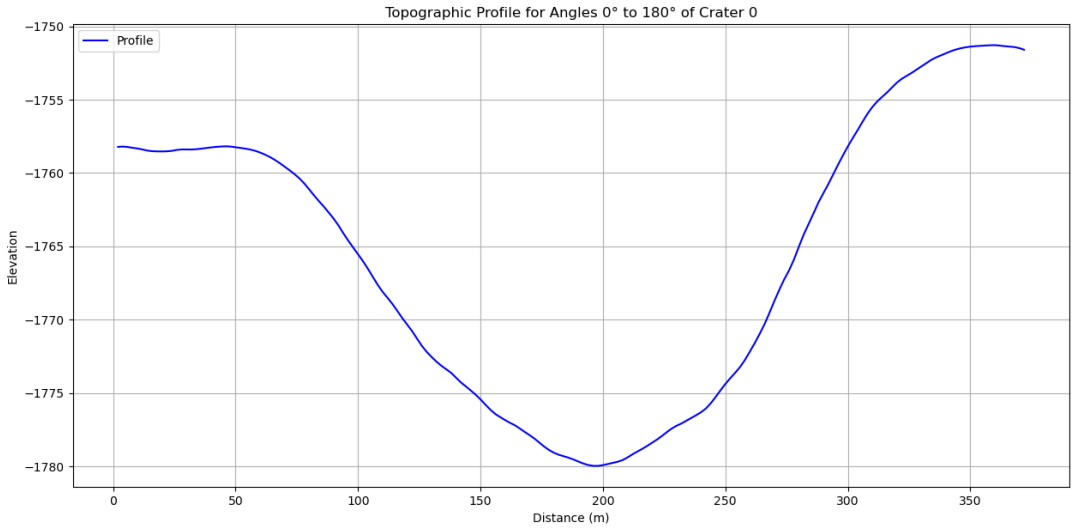
120°	14.96	0.48
130°	16.21	0.43
140°	16.71	0.42
150°	16.33	0.47
160°	16.16	0.5
170°	16.74	0.53
180°	17.71	0.56
190°	16.06	0.54
200°	15.0	0.51
210°	14.26	0.47
220°	13.71	0.43
230°	12.86	0.43
240°	12.38	0.48
250°	12.36	0.51
260°	13.48	0.54
270°	13.5	0.57
280°	12.83	0.54
290°	12.24	0.51
300°	11.93	0.48
310°	11.84	0.43
320°	10.61	0.43
330°	9.66	0.48
340°	9.46	0.51
350°	10.13	0.55

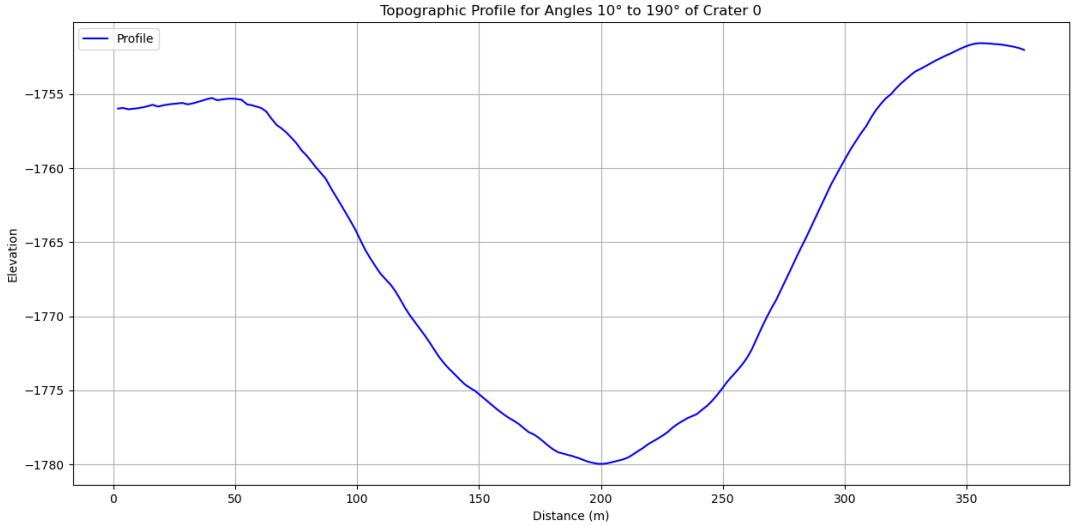
Topographic roughness index (TRI)

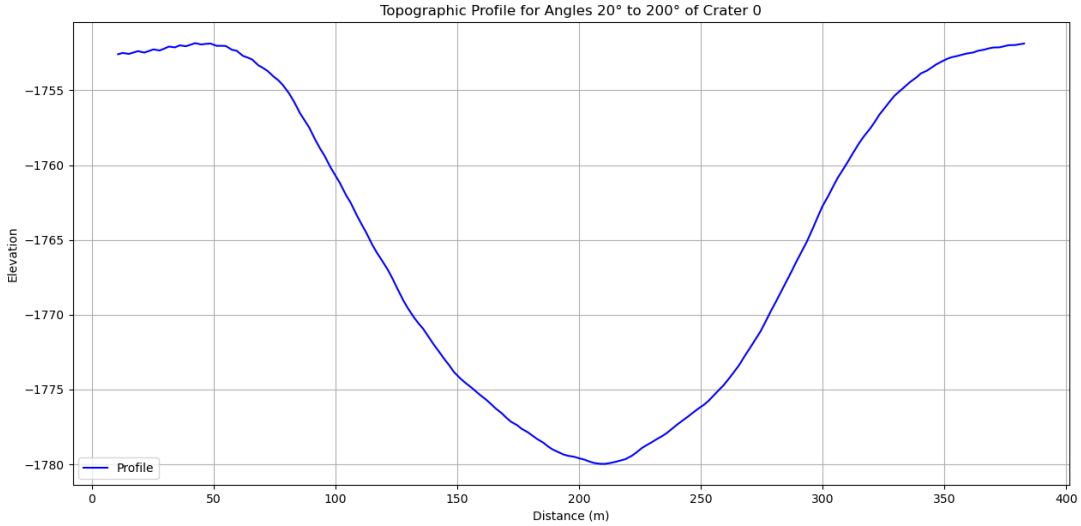
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

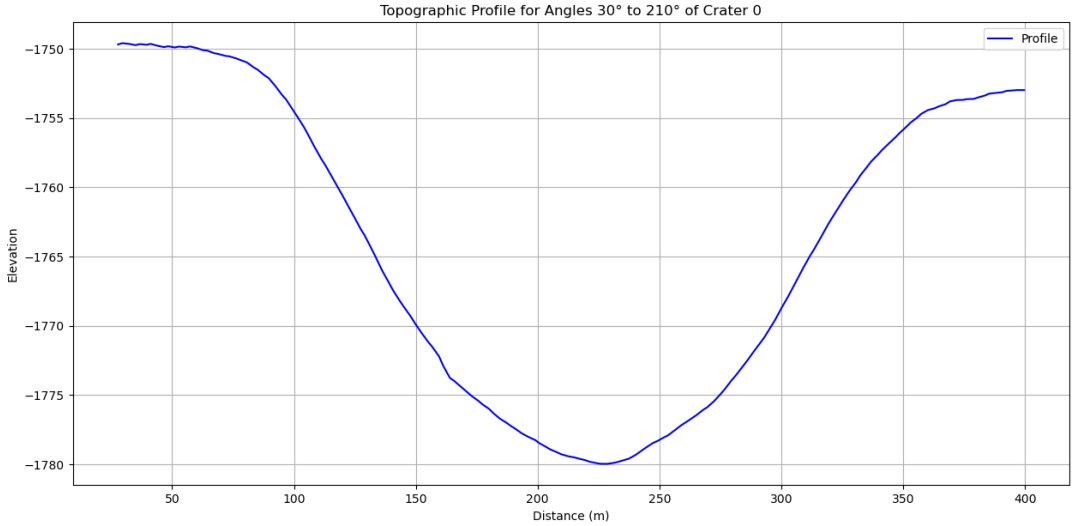


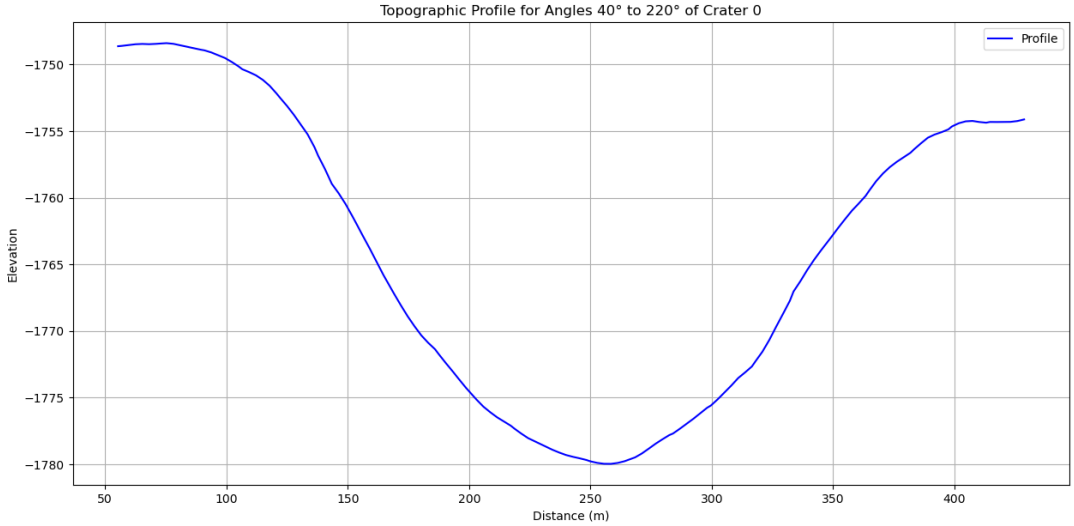
Topographic profiles

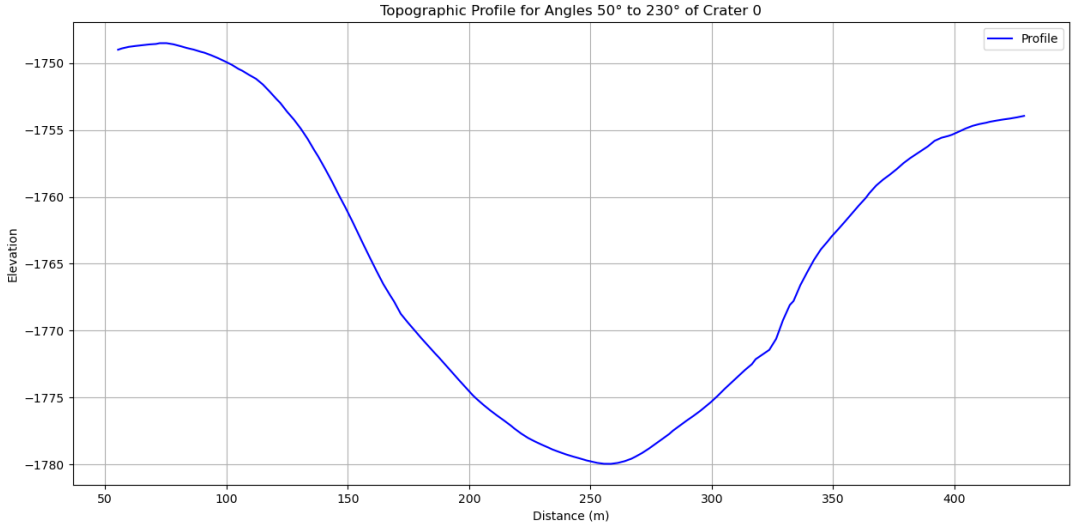


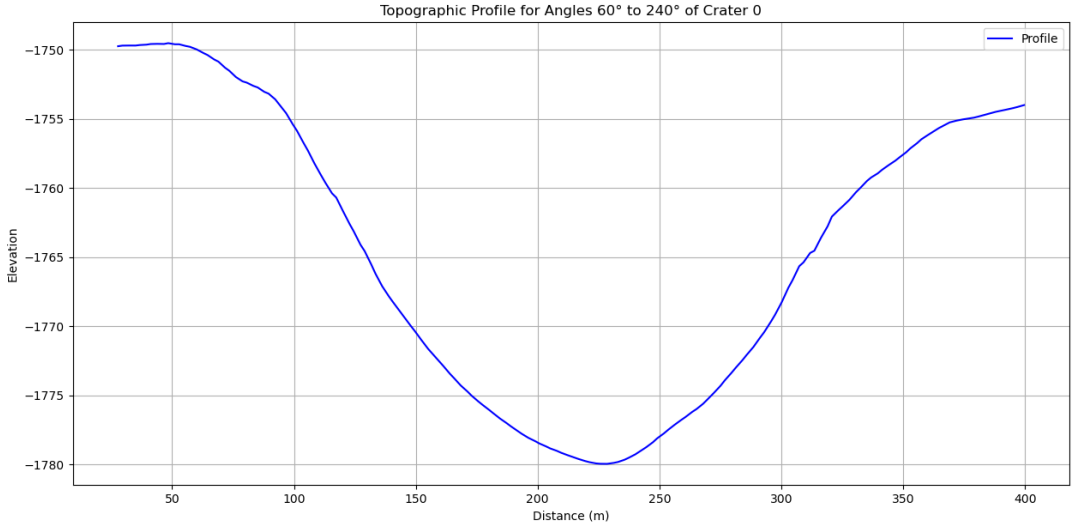

Topographic Profile for Angles 10° to 190° of Crater 0
Profile
Elevation
−1755
−1760
−1765
−1770
−1775
−1780
0
50
100
150
200
250
300
350
Distance (m)

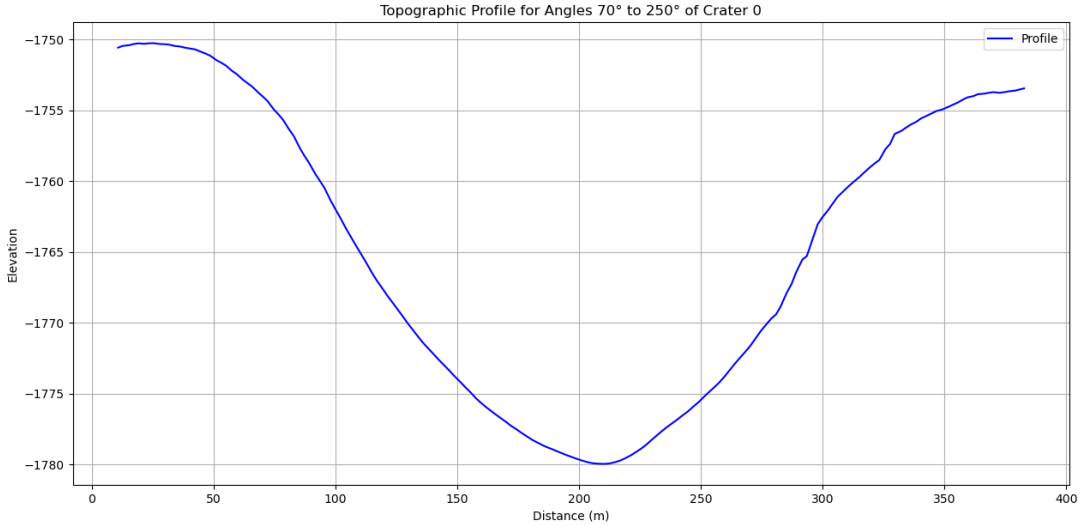

Topographic Profile for Angles 20° to 200° of Crater 0
Profile
Elevation
−1755
−1760
−1765
−1770
−1775
−1780
0
50
100
150
200
250
300
350
400
Distance (m)

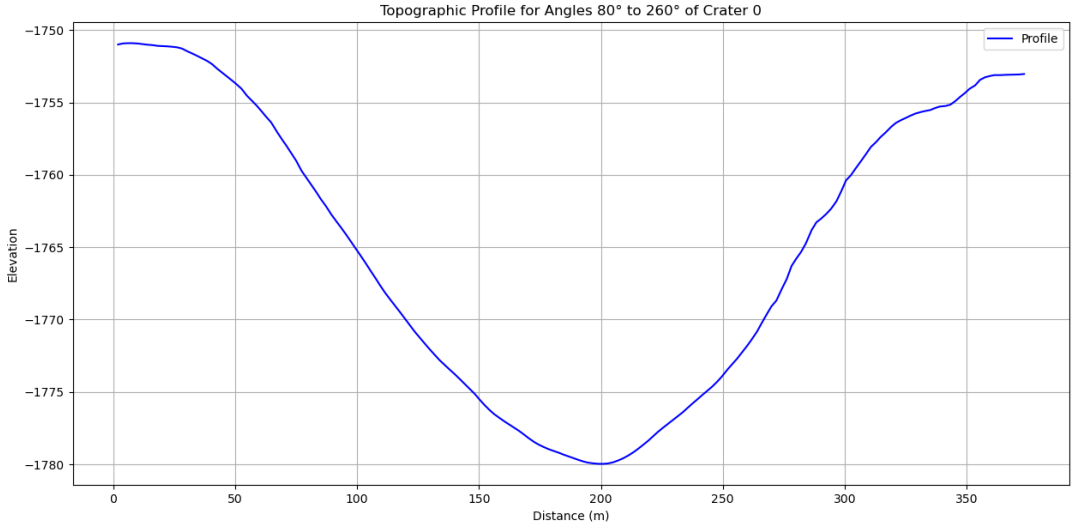

Topographic Profile for Angles 30° to 210° of Crater 0
Profile
Elevation
Distance (m)
−1750
−1755
−1760
−1765
−1770
−1775
−1780
50
100
150
200
250
300
350
400

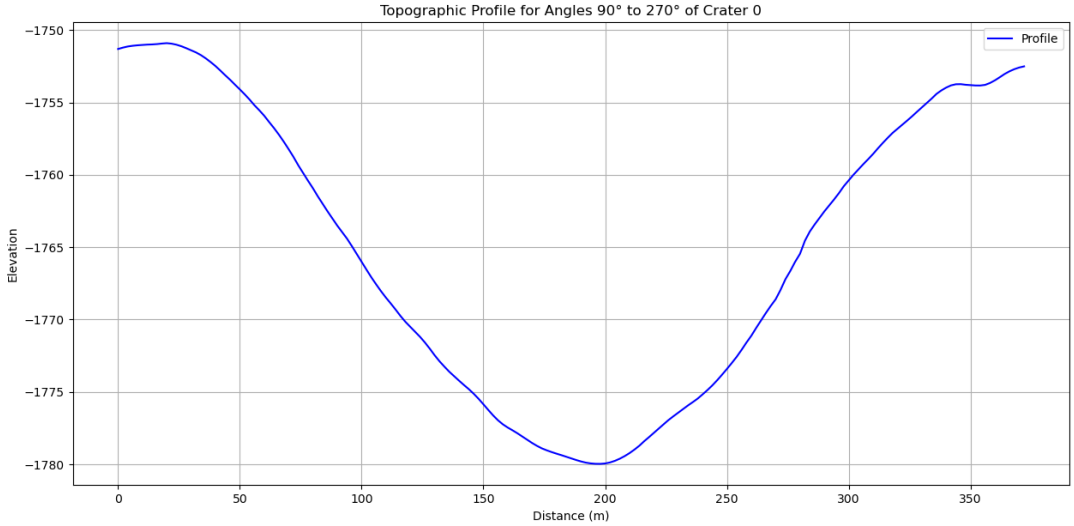

Topographic Profile for Angles 40° to 220° of Crater 0
Profile
Elevation
Distance (m)
−1750
−1755
−1760
−1765
−1770
−1775
−1780
50
100
150
200
250
300
350
400

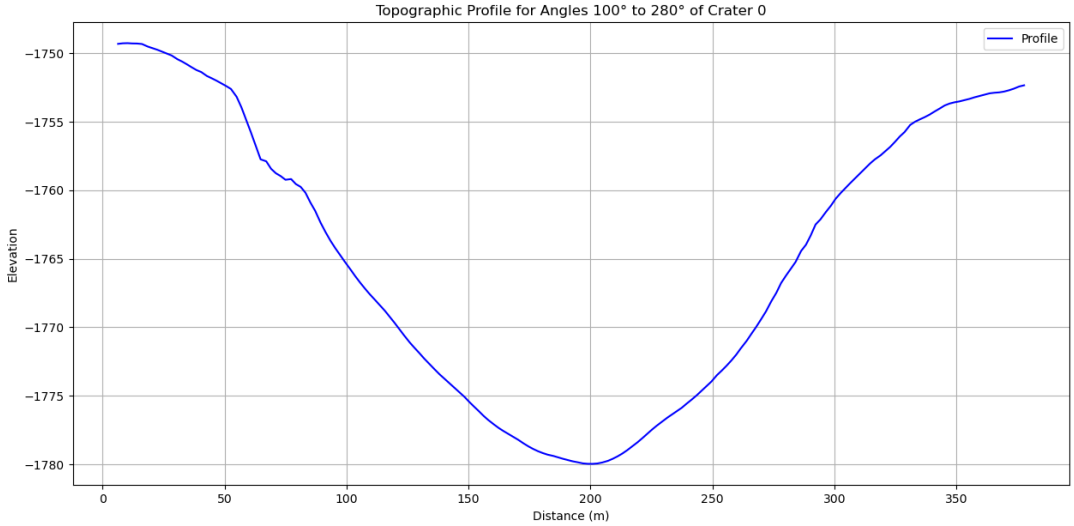

Topographic Profile for Angles 50° to 230° of Crater 0
Profile
Elevation
Distance (m)
−1750
−1755
−1760
−1765
−1770
−1775
−1780
50
100
150
200
250
300
350
400

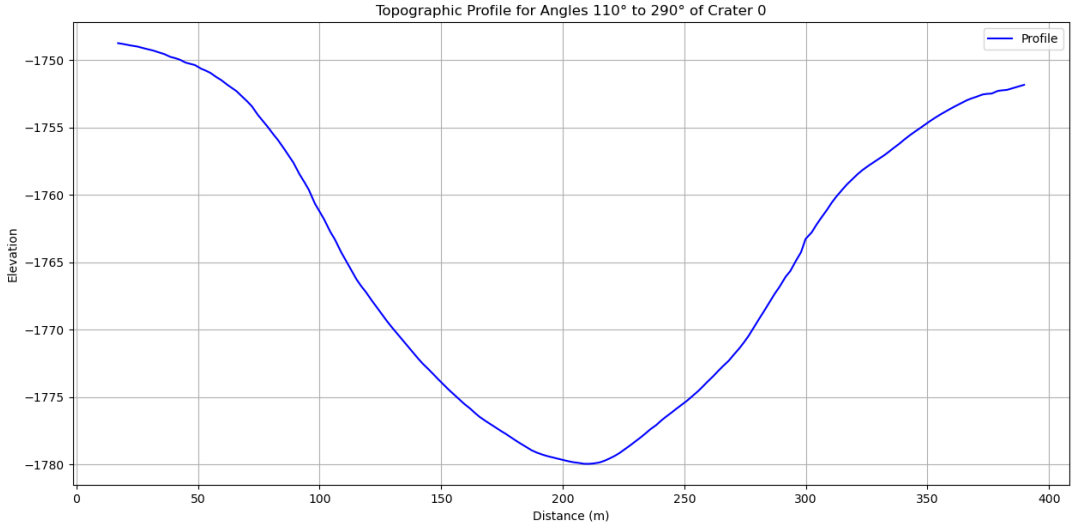

Topographic Profile for Angles 60° to 240° of Crater 0
Profile
Elevation
Distance (m)
−1750
−1755
−1760
−1765
−1770
−1775
−1780
50
100
150
200
250
300
350
400

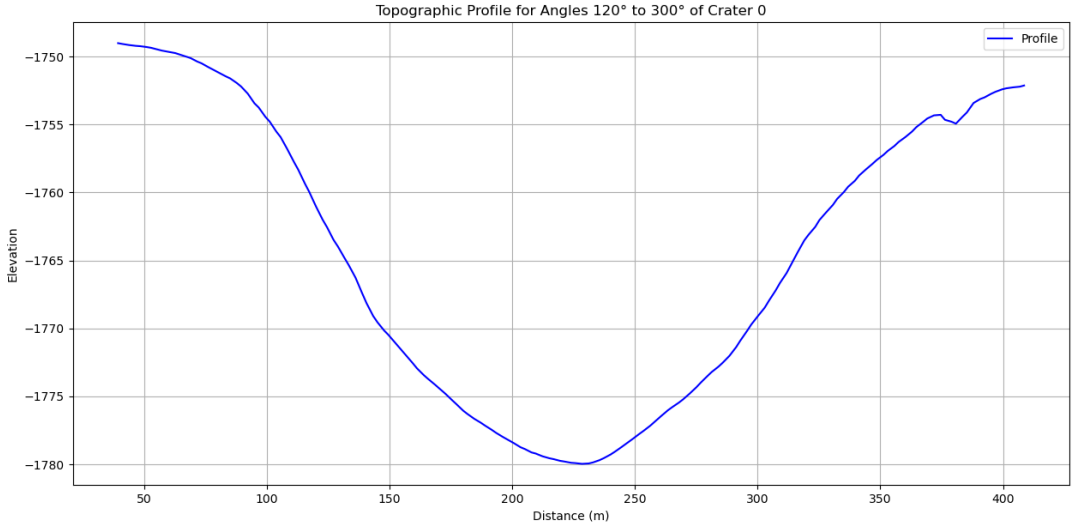

Topographic Profile for Angles 70° to 250° of Crater 0
Profile
Elevation
Distance (m)
−1750
−1755
−1760
−1765
−1770
−1775
−1780
0
50
100
150
200
250
300
350
400

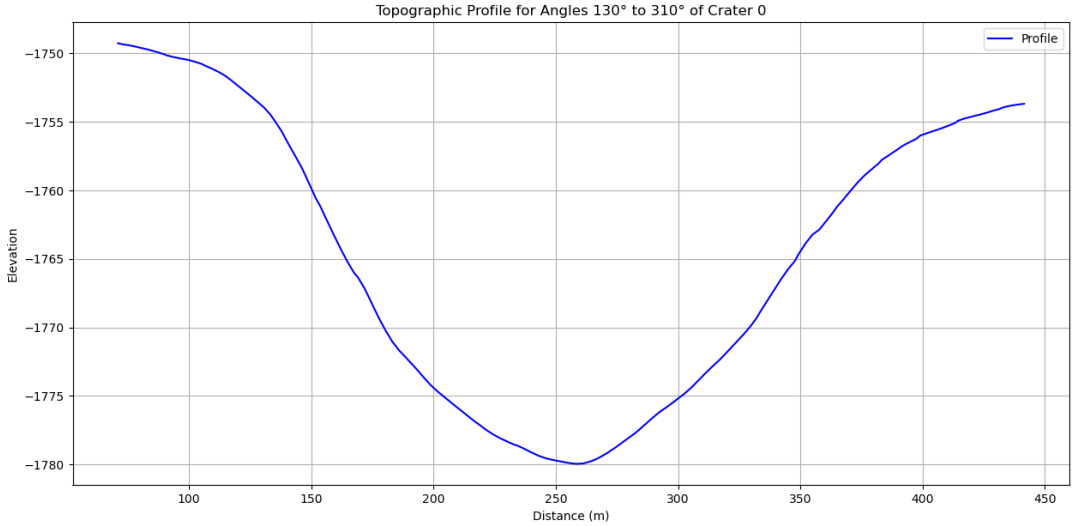

Topographic Profile for Angles 80° to 260° of Crater 0
Profile
Elevation
Distance (m)
−1750
−1755
−1760
−1765
−1770
−1775
−1780
0
50
100
150
200
250
300
350

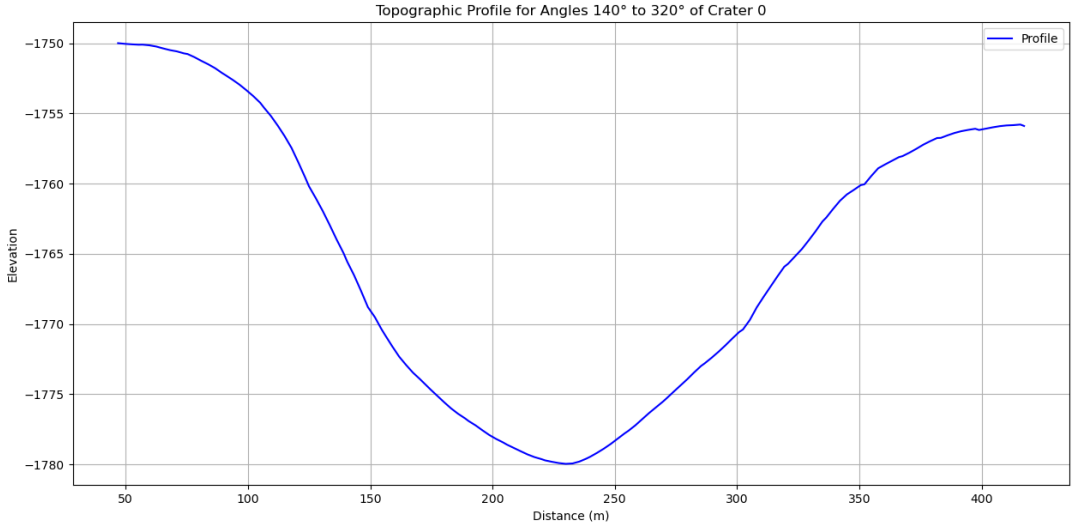

Topographic Profile for Angles 90° to 270° of Crater 0
Profile
Elevation
Distance (m)
−1750
−1755
−1760
−1765
−1770
−1775
−1780
0
50
100
150
200
250
300
350

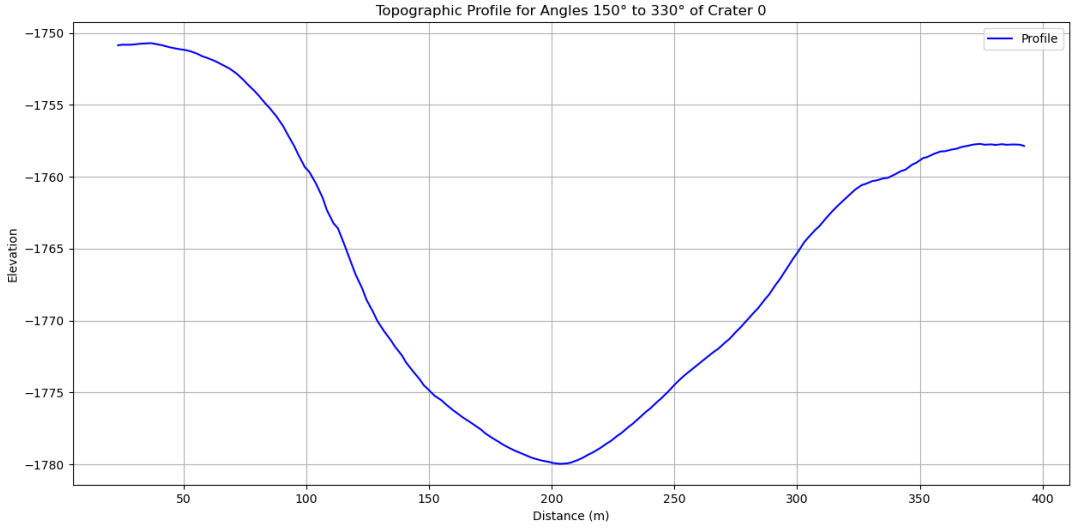

Topographic Profile for Angles 100° to 280° of Crater 0
Profile
Elevation
Distance (m)
−1750
−1755
−1760
−1765
−1770
−1775
−1780
0
50
100
150
200
250
300
350

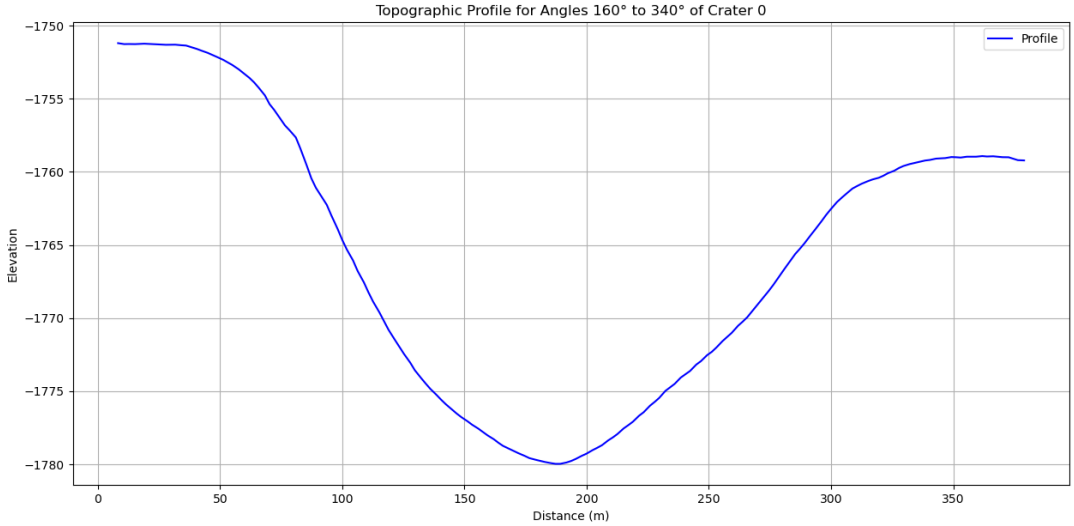

Topographic Profile for Angles 110° to 290° of Crater 0
Profile
Elevation
Distance (m)
−1750
−1755
−1760
−1765
−1770
−1775
−1780
0
50
100
150
200
250
300
350
400

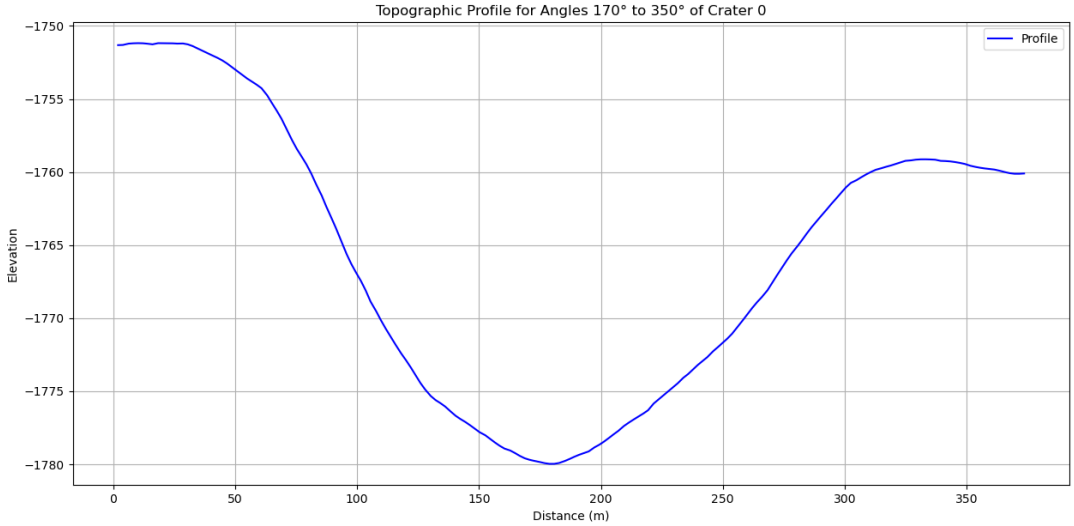

Topographic Profile for Angles 120° to 300° of Crater 0
Profile
Elevation
Distance (m)
−1750
−1755
−1760
−1765
−1770
−1775
−1780
50
100
150
200
250
300
350
400


Topographic Profile for Angles 130° to 310° of Crater 0
Profile
Elevation
Distance (m)
−1750
−1755
−1760
−1765
−1770
−1775
−1780
100
150
200
250
300
350
400
450


Topographic Profile for Angles 140° to 320° of Crater 0
Profile
Elevation
Distance (m)
−1750
−1755
−1760
−1765
−1770
−1775
−1780
50
100
150
200
250
300
350
400


Topographic Profile for Angles 150° to 330° of Crater 0
Profile
Elevation
Distance (m)
−1750
−1755
−1760
−1765
−1770
−1775
−1780
50
100
150
200
250
300
350
400


Topographic Profile for Angles 160° to 340° of Crater 0
Profile
Elevation
Distance (m)
−1750
−1755
−1760
−1765
−1770
−1775
−1780
0
50
100
150
200
250
300
350


Topographic Profile for Angles 170° to 350° of Crater 0
Profile
Elevation
Distance (m)
−1750
−1755
−1760
−1765
−1770
−1775
−1780
0
50
100
150
200
250
300
350