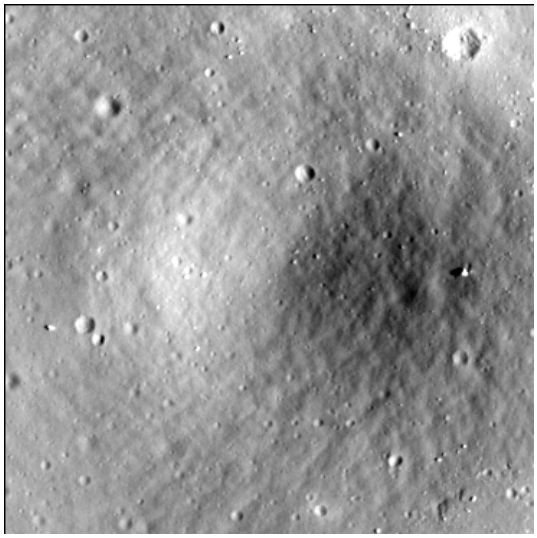
Crater report 780 of RG2

General information



ID : 780

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 213m ± 8.0m

Mean depht : 17.0m ± 1.3m

d/D ratio : 0.079 ± 0.007

Circularity index : 0.91

Mean slope : 9.91°

Mean value of TRI on the rim crest : 0.01

Geometric center coordinates : (3658207.8115118784, 230153.01706420674)

Coordinates of the crater's lowest point : (3658205.000001101, 230149.00000006793)

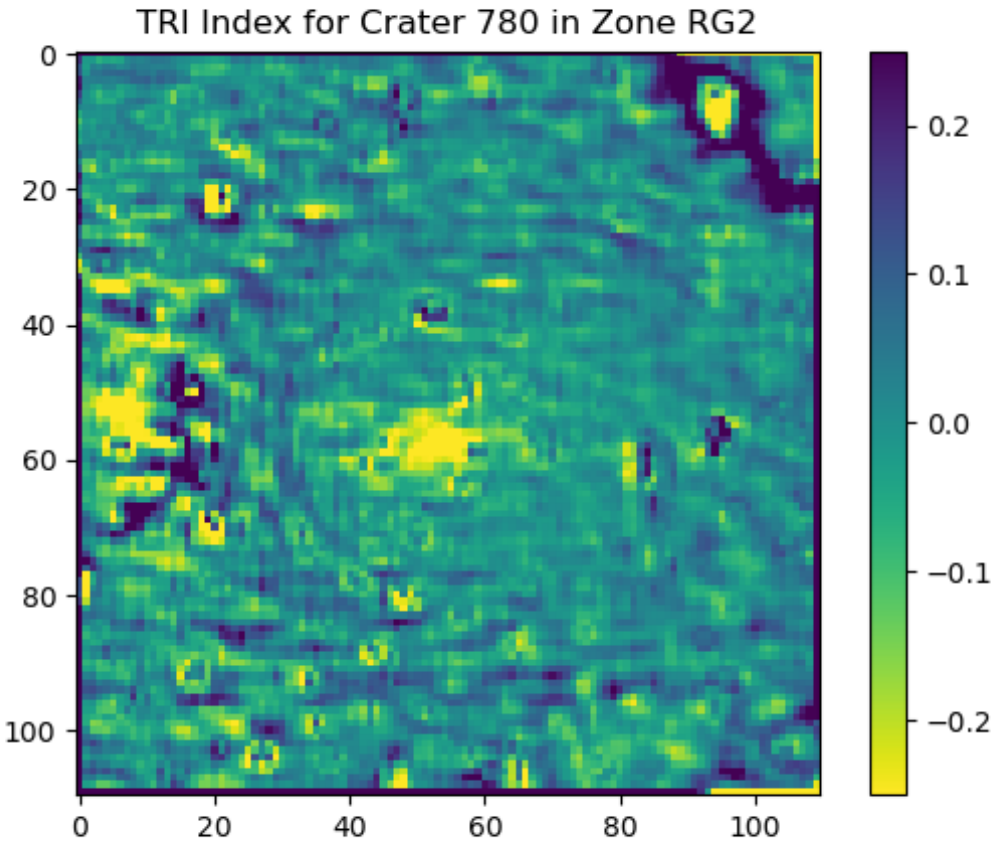
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	12.37	0.57
10°	12.05	0.54
20°	12.3	0.51
30°	12.77	0.47
40°	13.22	0.43
50°	13.38	0.43
60°	12.55	0.48
70°	12.25	0.51
80°	12.57	0.54
90°	13.03	0.56
100°	11.83	0.54
110°	11.18	0.52

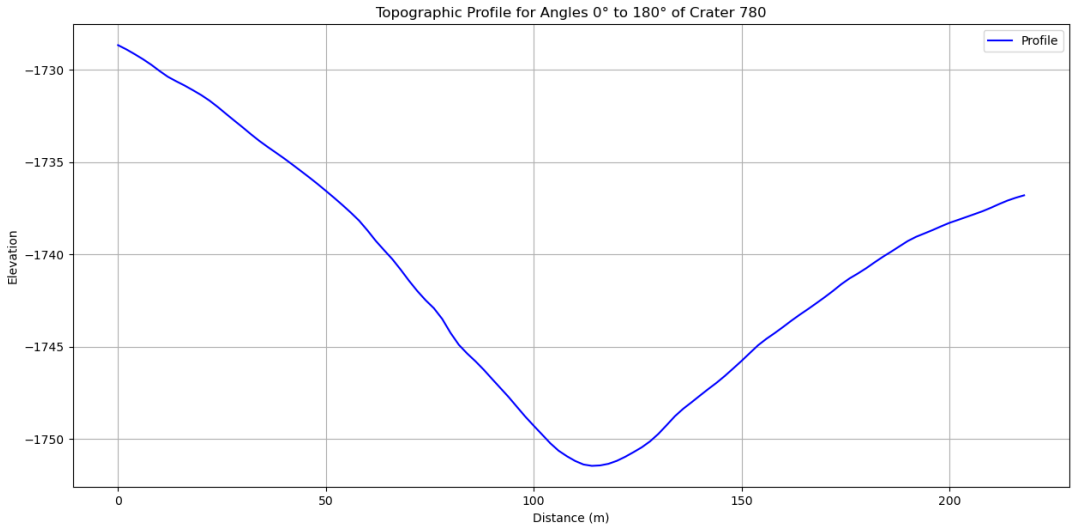
120°	10.75	0.48
130°	10.72	0.43
140°	9.8	0.44
150°	9.4	0.48
160°	9.01	0.51
170°	9.15	0.54
180°	9.14	0.57
190°	8.63	0.54
200°	7.85	0.52
210°	7.56	0.48
220°	7.38	0.44
230°	7.12	0.43
240°	5.96	0.48
250°	5.58	0.51
260°	6.73	0.54
270°	7.58	0.57
280°	7.57	0.55
290°	7.9	0.51
300°	8.23	0.48
310°	9.23	0.43
320°	10.15	0.43
330°	9.62	0.48
340°	10.74	0.51
350°	11.42	0.54

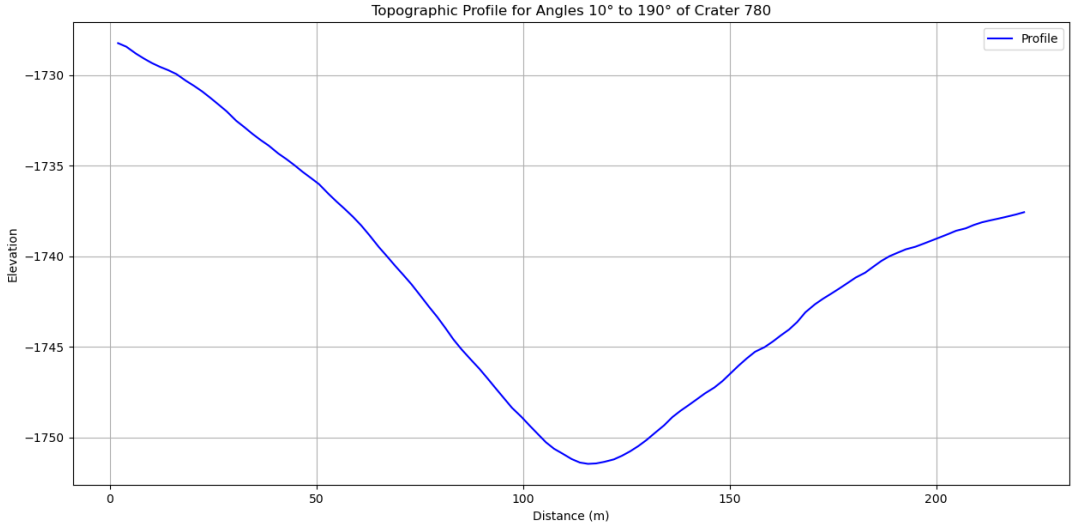
Topographic roughness index (TRI)

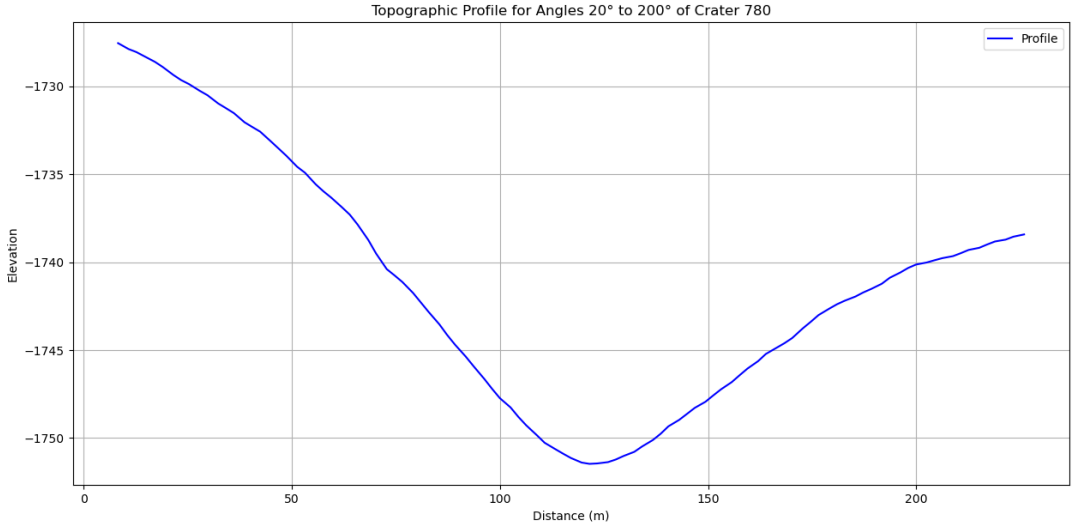
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

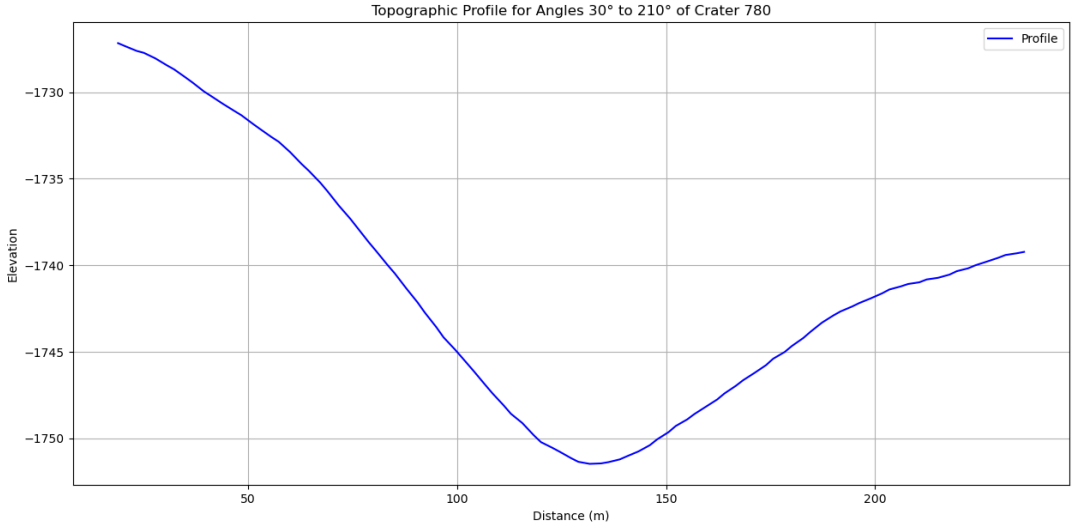


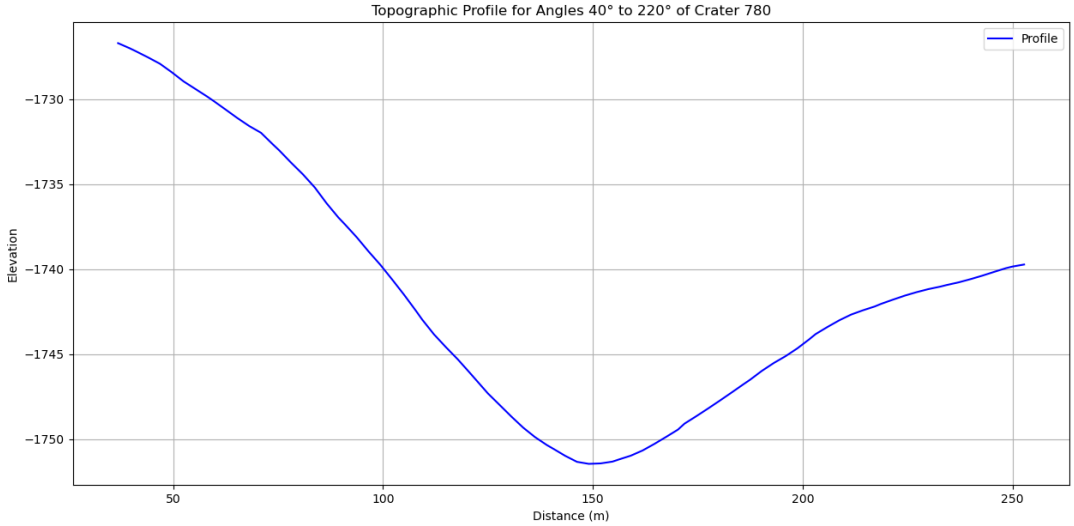
Topographic profiles

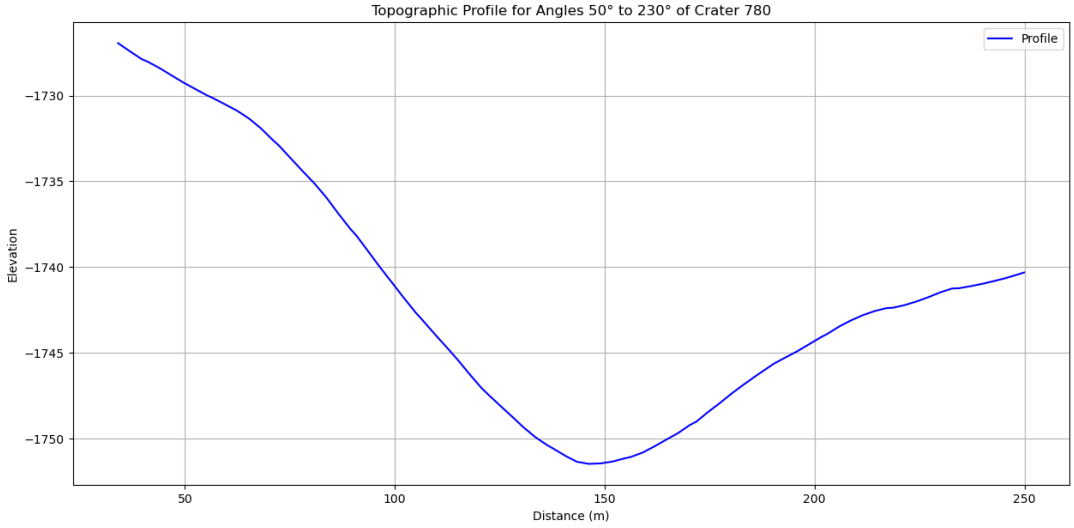


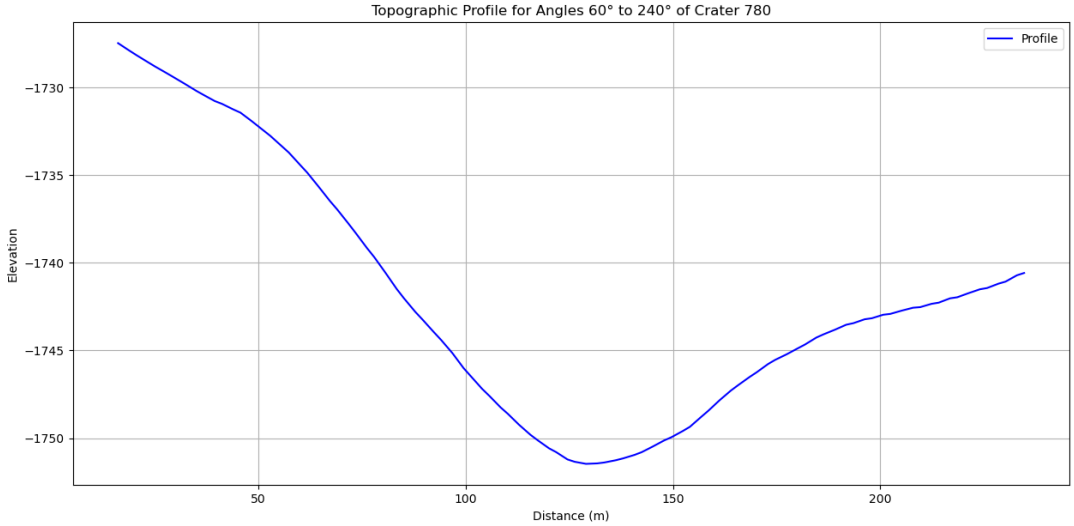

Topographic Profile for Angles 10° to 190° of Crater 780
Profile
Elevation
−1730
−1735
−1740
−1745
−1750
0
50
100
150
200
Distance (m)

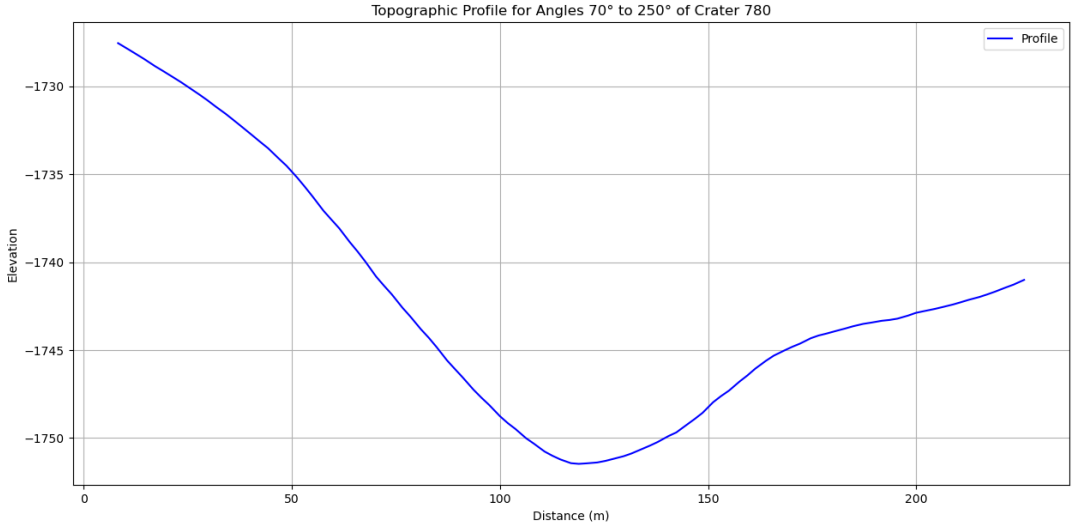

Topographic Profile for Angles 20° to 200° of Crater 780
Profile
Elevation
−1730
−1735
−1740
−1745
−1750
0
50
100
150
200
Distance (m)

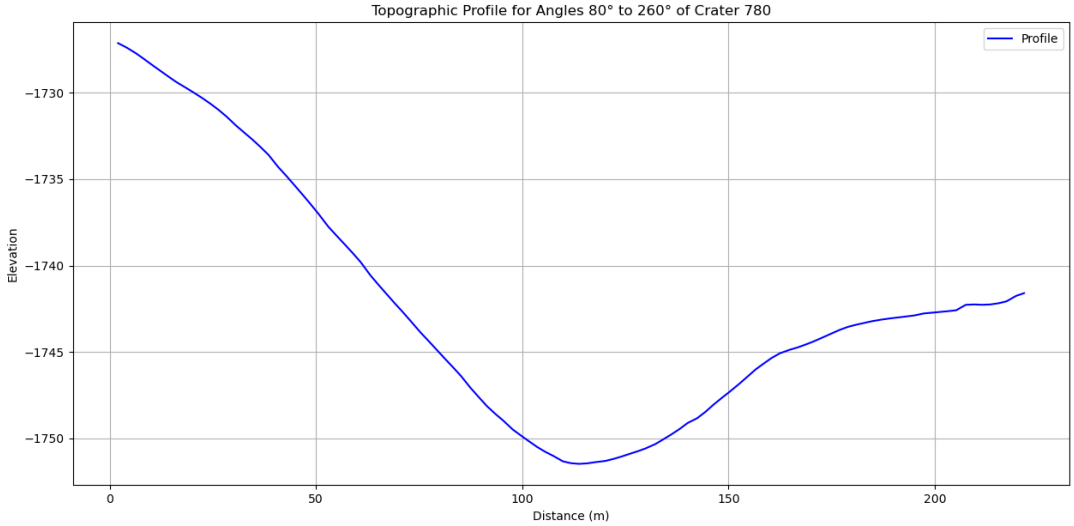

Topographic Profile for Angles 30° to 210° of Crater 780
Profile
Elevation
−1730
−1735
−1740
−1745
−1750
50
100
150
200
Distance (m)

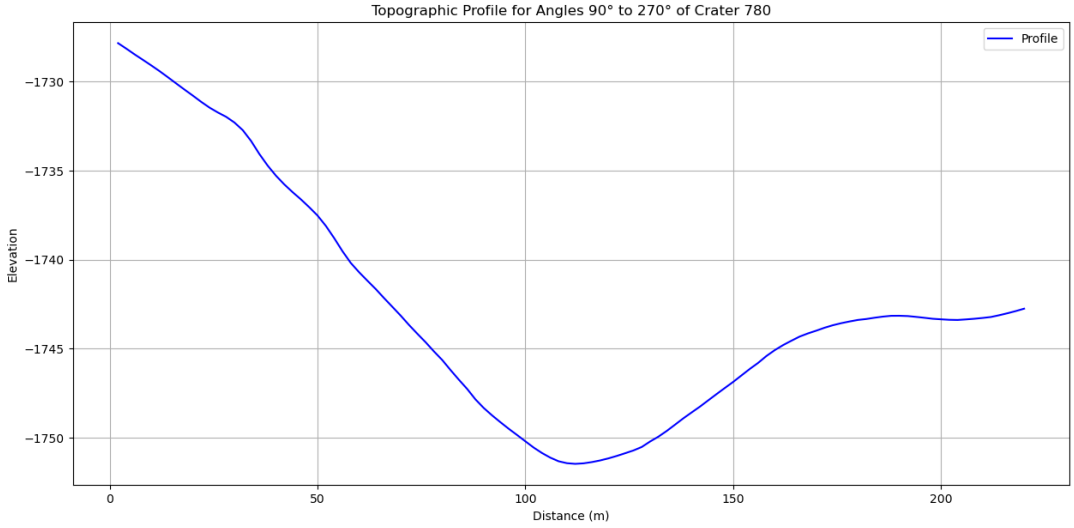

Topographic Profile for Angles 40° to 220° of Crater 780
Profile
Elevation
−1730
−1735
−1740
−1745
−1750
50
100
150
200
250
Distance (m)

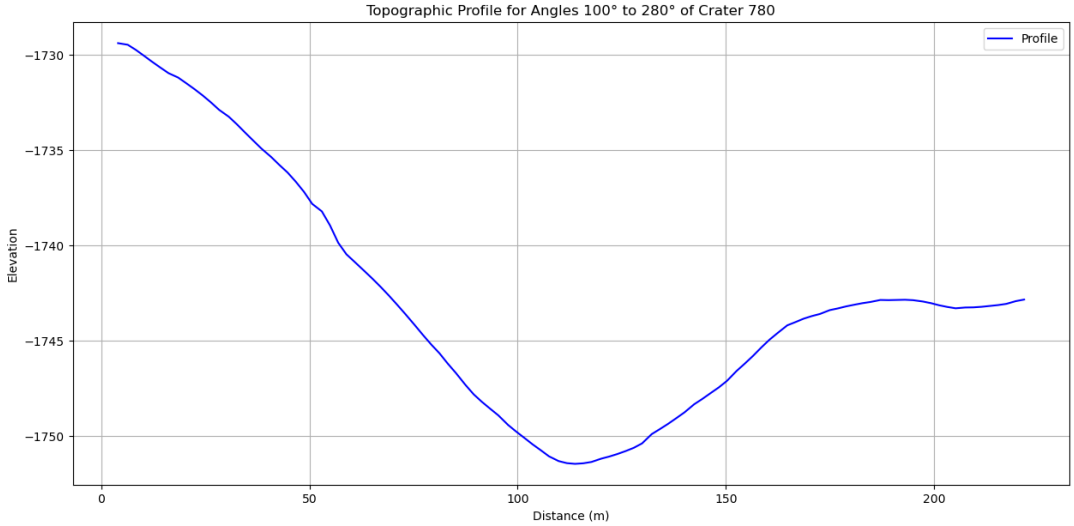

Topographic Profile for Angles 50° to 230° of Crater 780
Profile
Elevation
−1730
−1735
−1740
−1745
−1750
50
100
150
200
250
Distance (m)

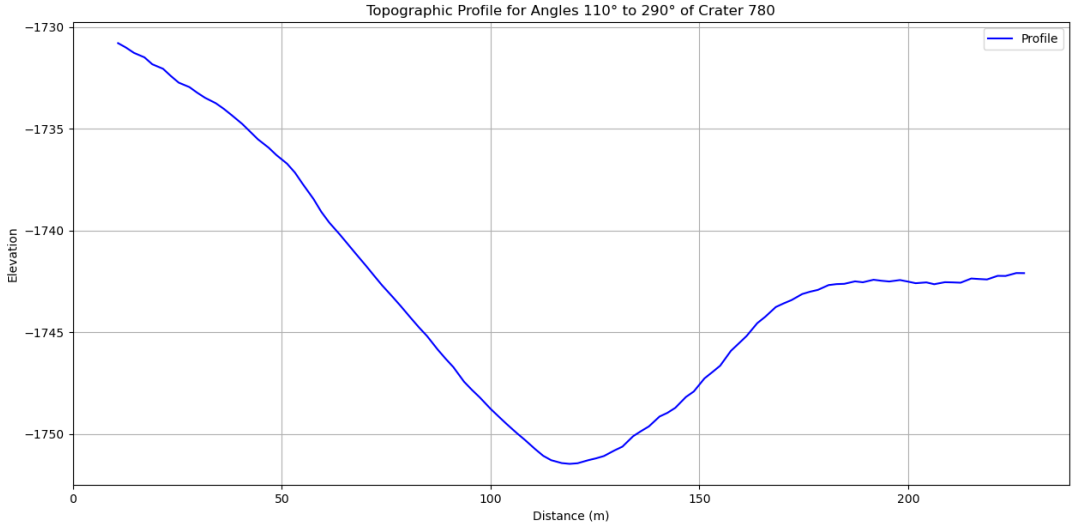

Topographic Profile for Angles 60° to 240° of Crater 780
Profile
Elevation
−1730
−1735
−1740
−1745
−1750
50
100
150
200
Distance (m)

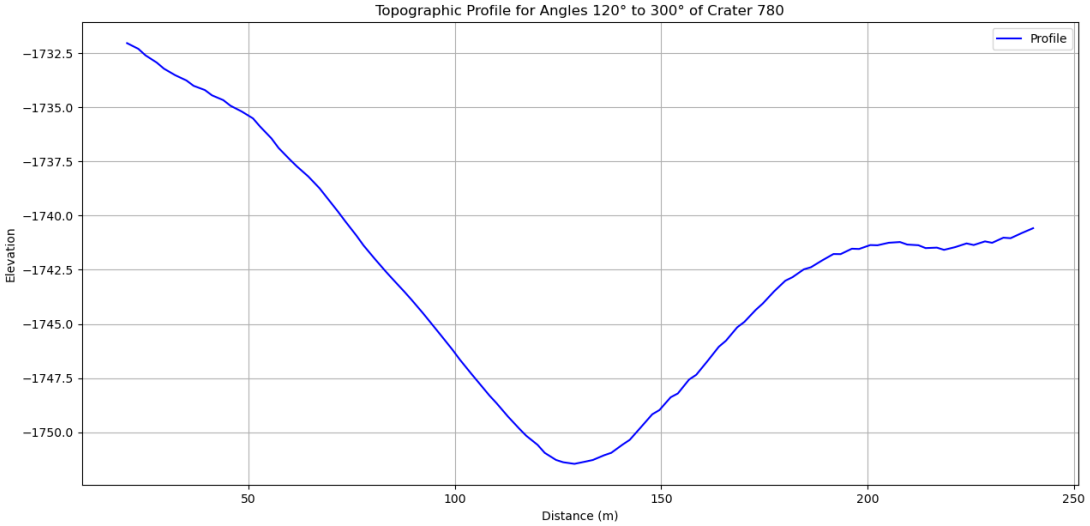

Topographic Profile for Angles 70° to 250° of Crater 780
Profile
Elevation
−1730
−1735
−1740
−1745
−1750
0
50
100
150
200
Distance (m)

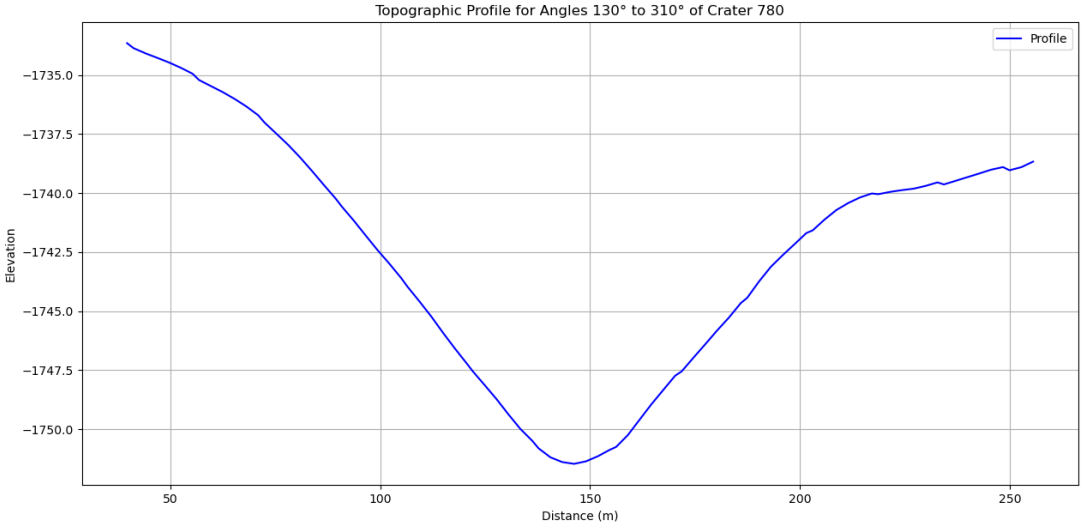

Topographic Profile for Angles 80° to 260° of Crater 780
Profile
Elevation
−1730
−1735
−1740
−1745
−1750
0
50
100
150
200
Distance (m)

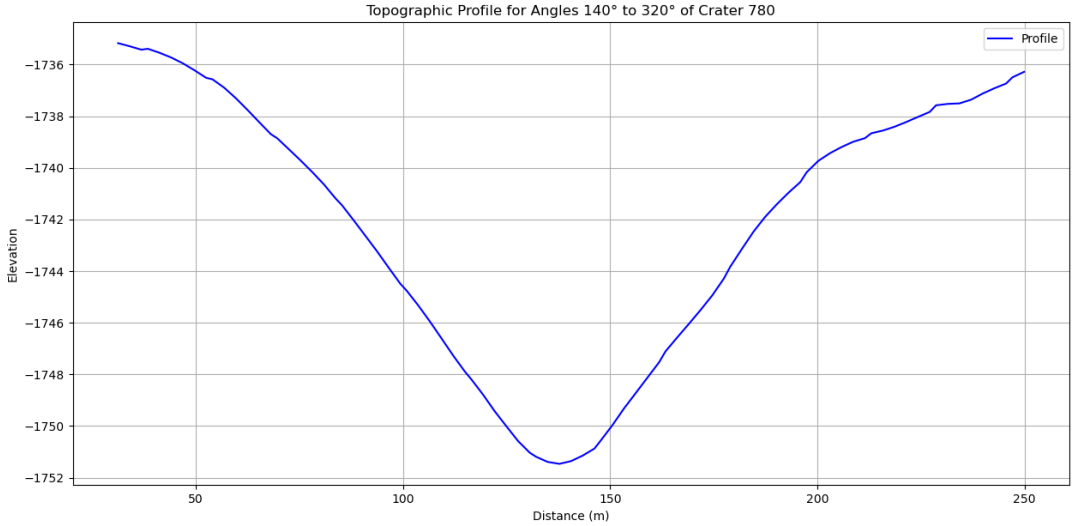

Topographic Profile for Angles 90° to 270° of Crater 780
Profile
Elevation
−1730
−1735
−1740
−1745
−1750
0
50
100
150
200
Distance (m)

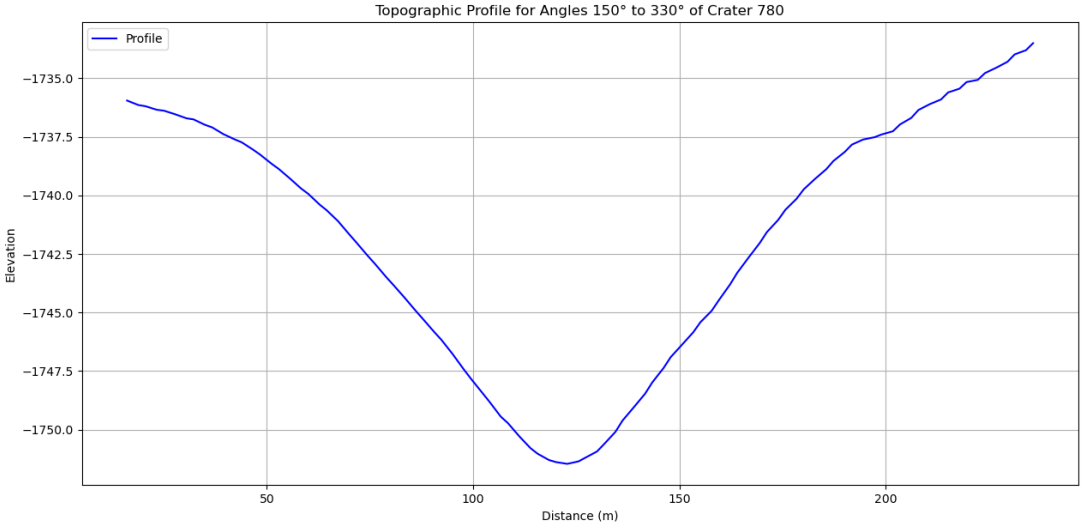

Topographic Profile for Angles 100° to 280° of Crater 780
Profile
Elevation
−1730
−1735
−1740
−1745
−1750
0
50
100
150
200
Distance (m)

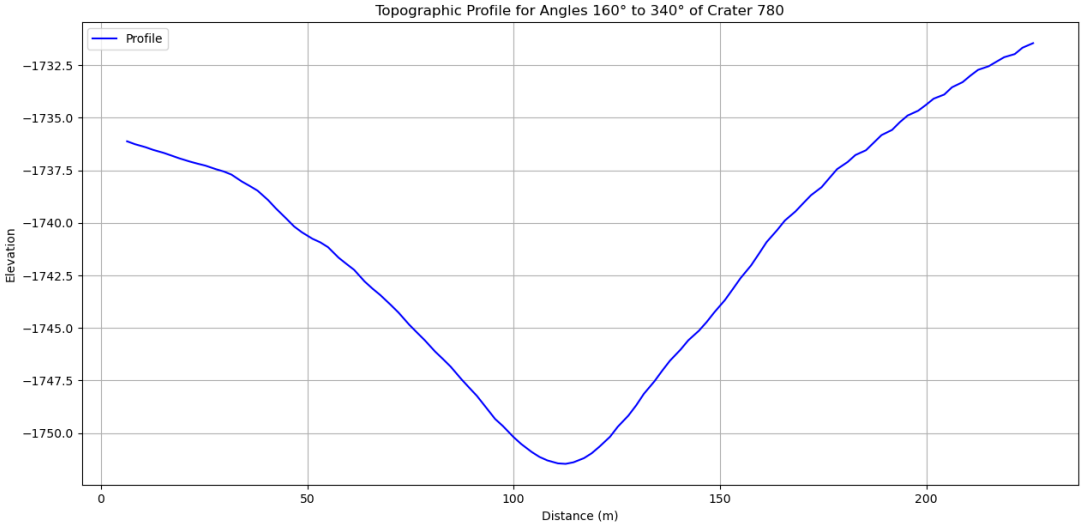

Topographic Profile for Angles 110° to 290° of Crater 780
Profile
Elevation
−1730
−1735
−1740
−1745
−1750
0
50
100
150
200
Distance (m)

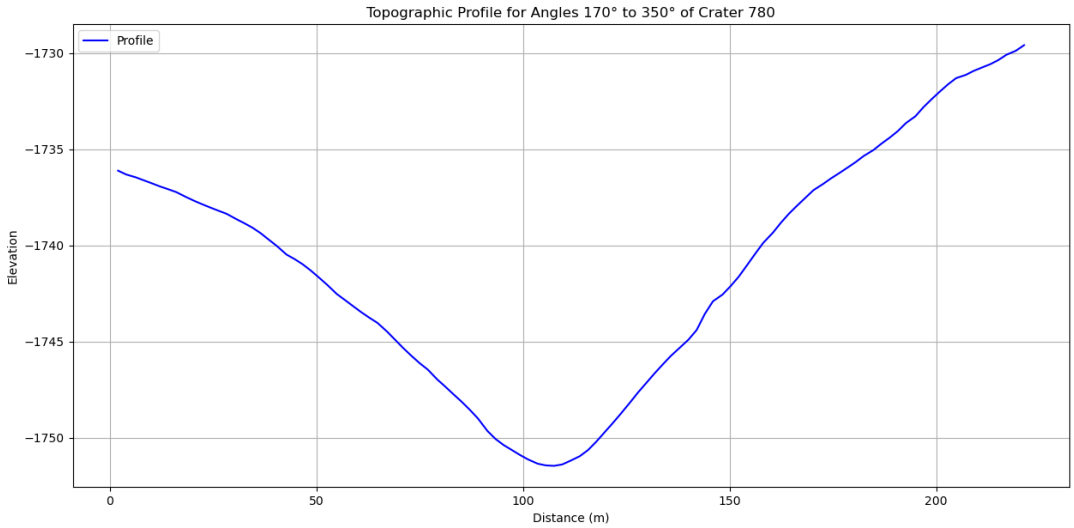

Topographic Profile for Angles 120° to 300° of Crater 780
Profile
Elevation
−1732.5
−1735.0
−1737.5
−1740.0
−1742.5
−1745.0
−1747.5
−1750.0
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 780
Profile
Elevation
−1735.0
−1737.5
−1740.0
−1742.5
−1745.0
−1747.5
−1750.0
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 780
Profile
Elevation
−1736
−1738
−1740
−1742
−1744
−1746
−1748
−1750
−1752
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 780
Profile
Elevation
−1735.0
−1737.5
−1740.0
−1742.5
−1745.0
−1747.5
−1750.0
50
100
150
200
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 780
Profile
Elevation
−1732.5
−1735.0
−1737.5
−1740.0
−1742.5
−1745.0
−1747.5
−1750.0
0
50
100
150
200
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 780
Profile
Elevation
−1730
−1735
−1740
−1745
−1750
0
50
100
150
200
Distance (m)