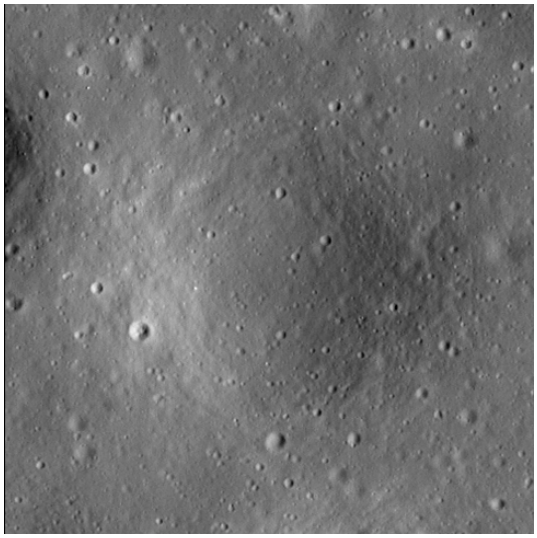
Crater report 16 of RG2

General information



ID : 16

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 267m ± 12.0m

Mean depht : 11.0m ± 0.3m

d/D ratio : 0.041 ± 0.002

Circularity index : 0.9

Mean slope : 5.39°

Mean value of TRI on the rim crest : 0.36

Geometric center coordinates : (3655720.1633128887, 235882.4376197987)

Coordinates of the crater's lowest point : (3655715.0000011, 235877.00000006962)

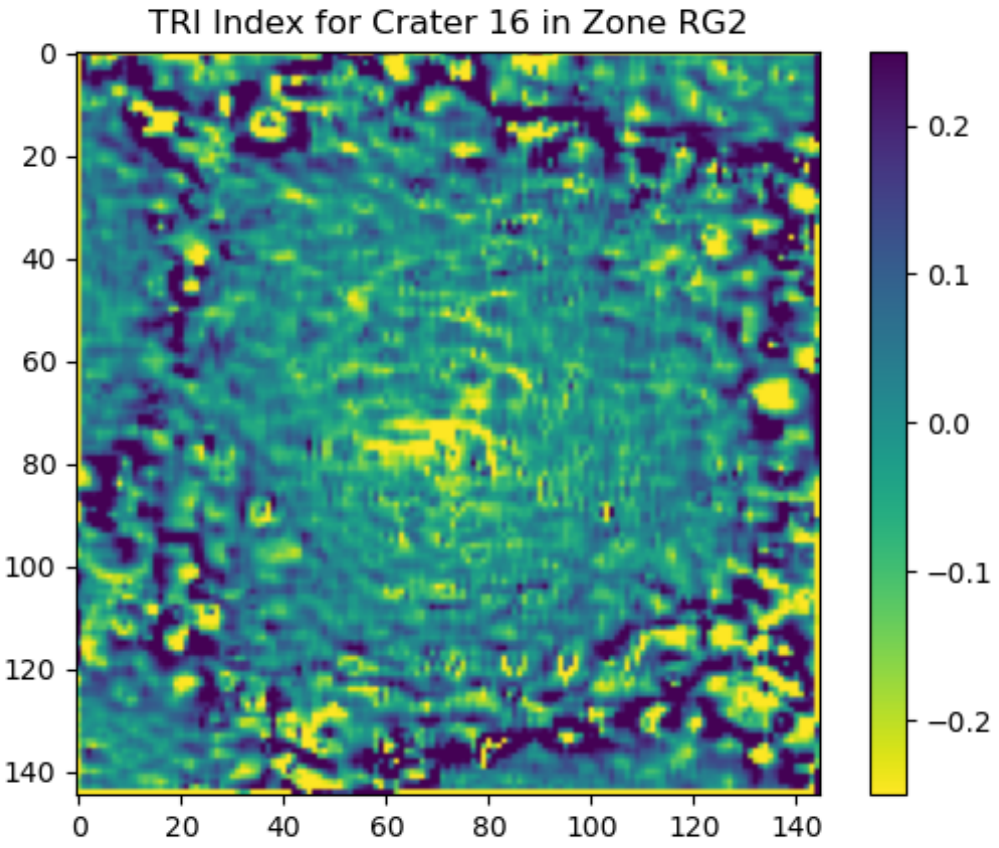
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	5.79	0.57
10°	5.56	0.54
20°	5.51	0.51
30°	5.59	0.48
40°	5.75	0.43
50°	5.48	0.43
60°	5.01	0.48
70°	5.05	0.51
80°	4.96	0.54
90°	5.21	0.57
100°	4.94	0.54
110°	4.69	0.51

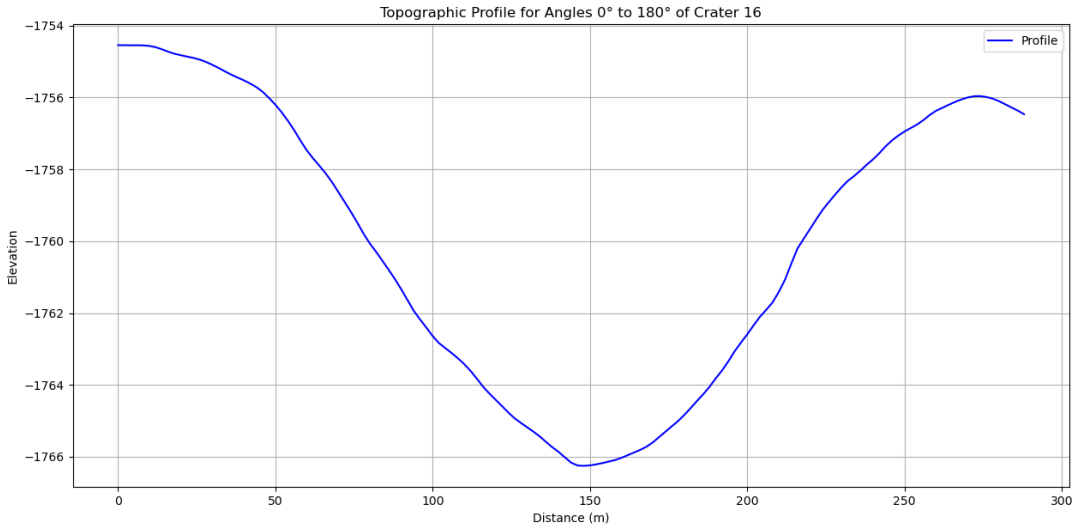
120°	4.5	0.48
130°	4.79	0.43
140°	5.09	0.43
150°	4.98	0.48
160°	4.93	0.52
170°	5.13	0.55
180°	5.32	0.57
190°	5.12	0.55
200°	5.14	0.51
210°	5.34	0.48
220°	5.99	0.43
230°	5.9	0.43
240°	5.97	0.48
250°	6.34	0.52
260°	6.46	0.54
270°	6.62	0.57
280°	6.07	0.54
290°	5.64	0.52
300°	5.31	0.48
310°	5.31	0.43
320°	5.14	0.43
330°	4.87	0.48
340°	5.02	0.51
350°	5.37	0.54

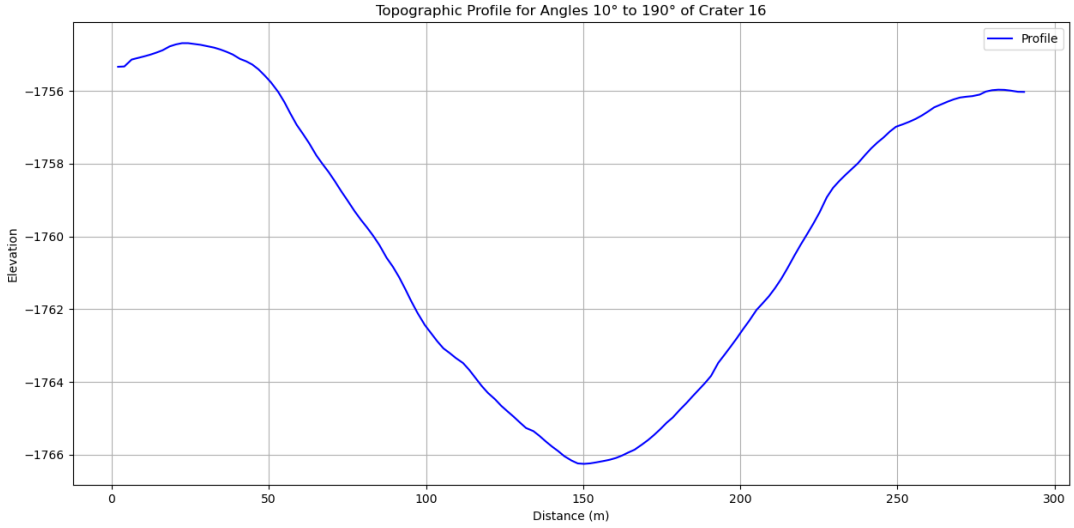
Topographic roughness index (TRI)

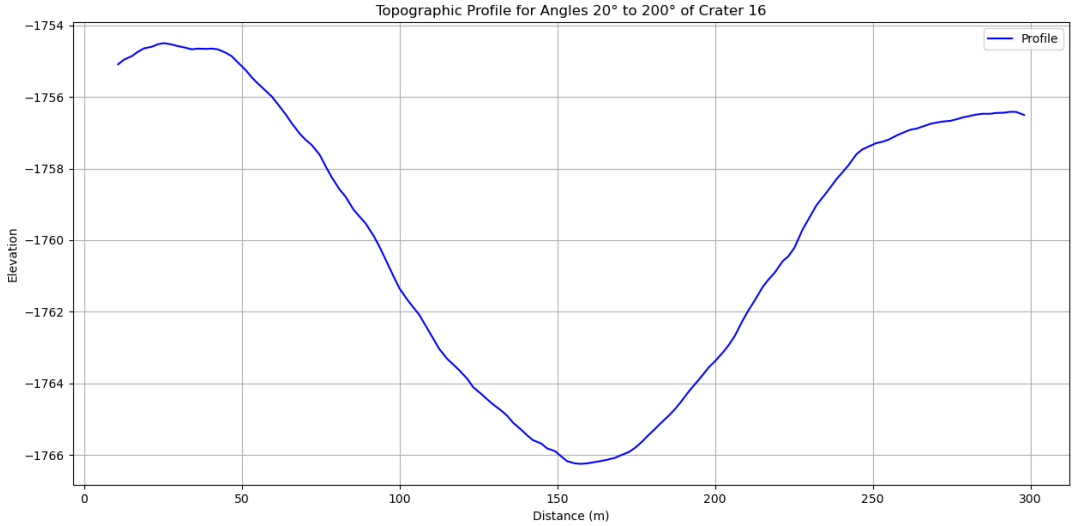
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

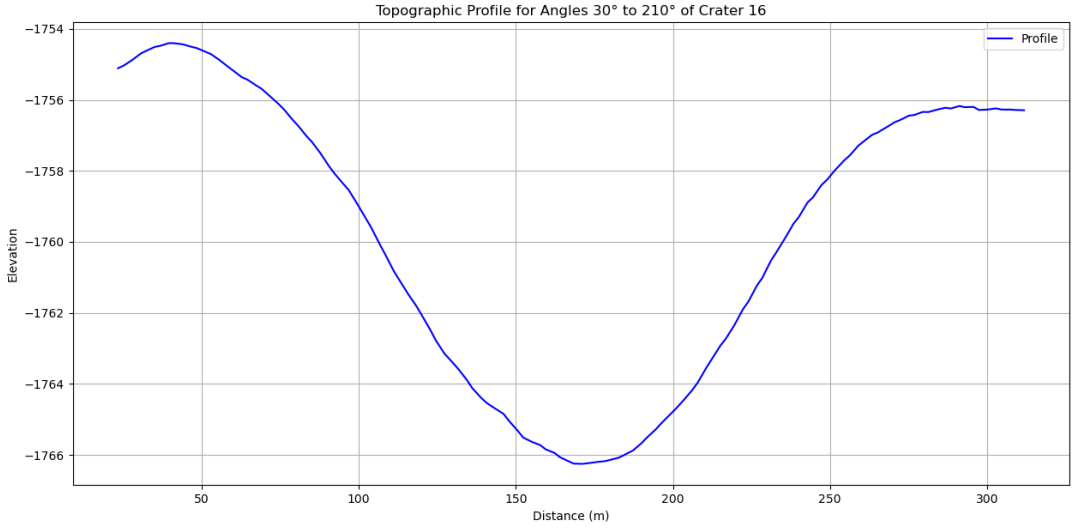


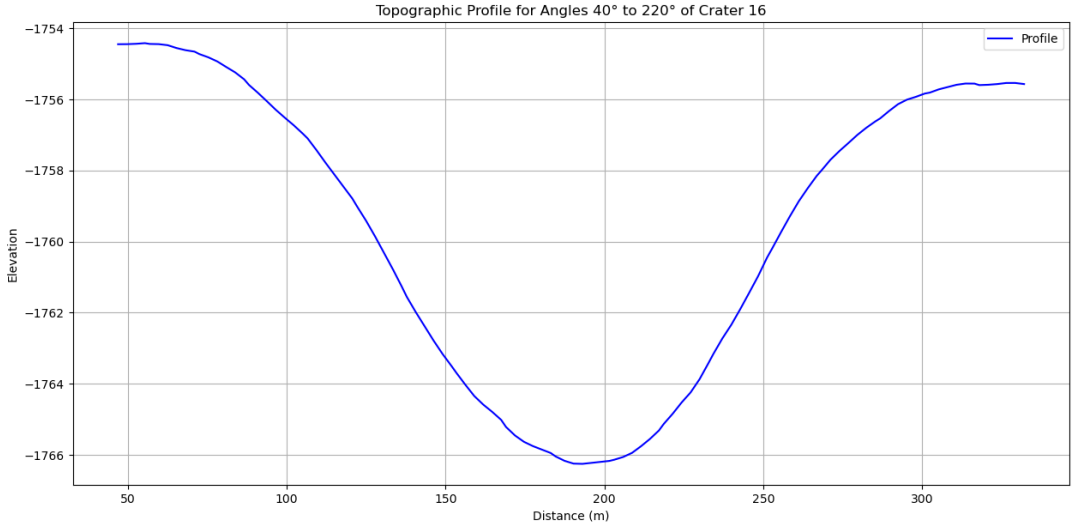
Topographic profiles

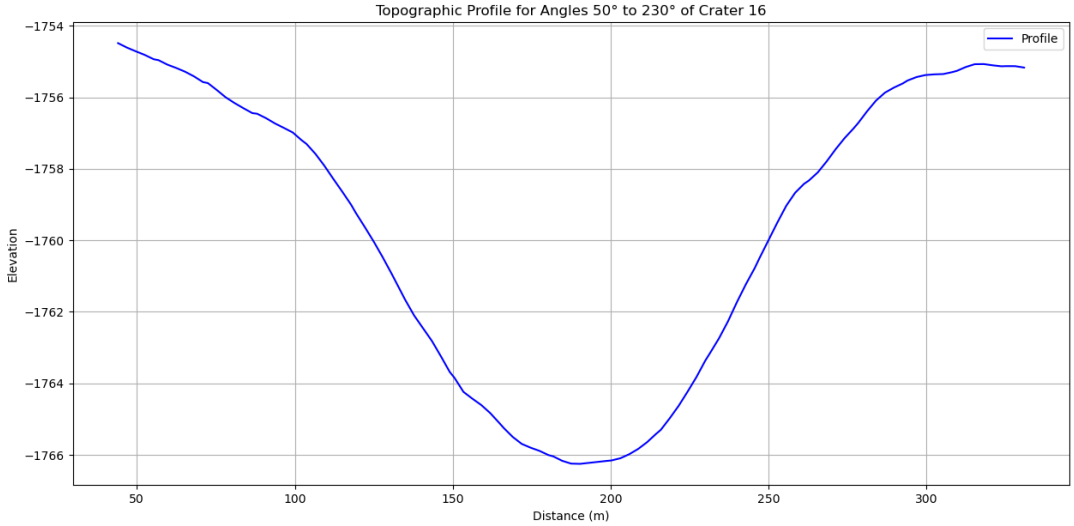


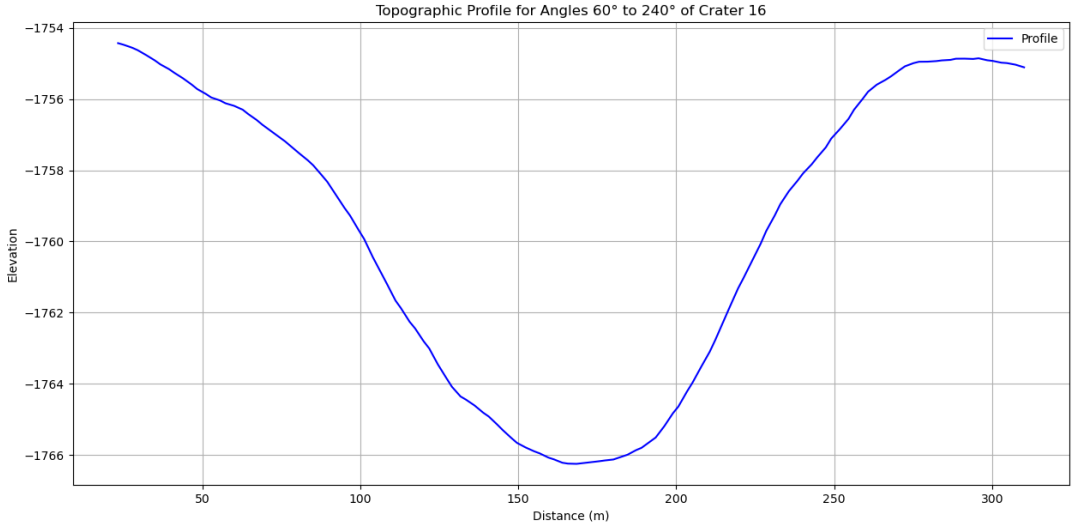

Topographic Profile for Angles 10° to 190° of Crater 16
Profile
Elevation
−1756
−1758
−1760
−1762
−1764
−1766
0
50
100
150
200
250
300
Distance (m)

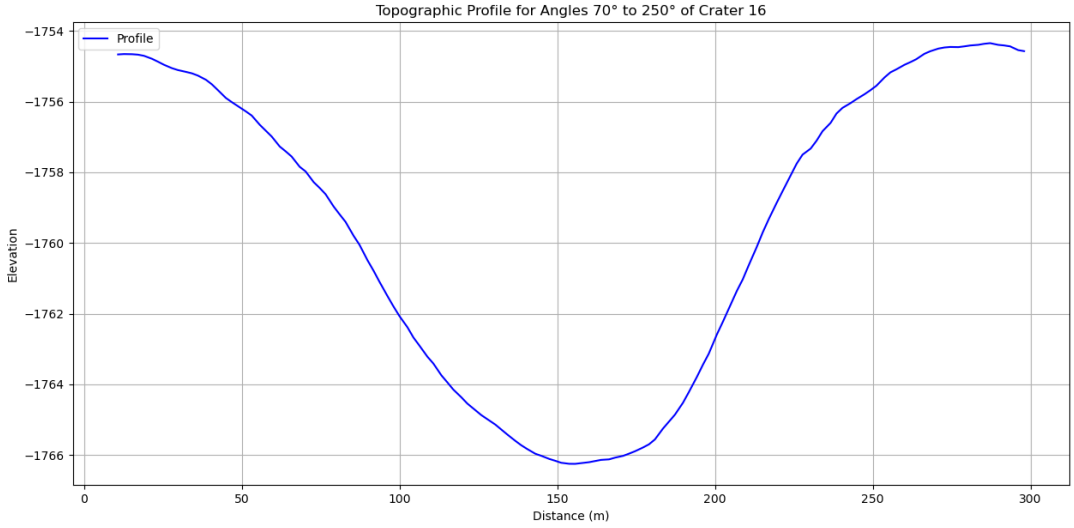

Topographic Profile for Angles 20° to 200° of Crater 16
Profile
Elevation
−1754
−1756
−1758
−1760
−1762
−1764
−1766
0
50
100
150
200
250
300
Distance (m)

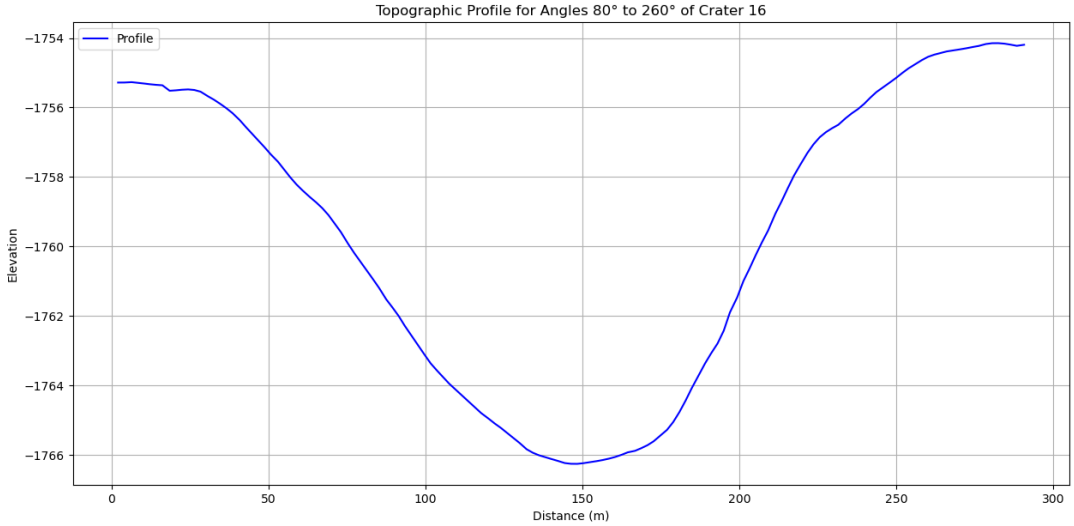

Topographic Profile for Angles 30° to 210° of Crater 16
Profile
Elevation
−1754
−1756
−1758
−1760
−1762
−1764
−1766
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 40° to 220° of Crater 16
Profile
Elevation
−1754
−1756
−1758
−1760
−1762
−1764
−1766
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 50° to 230° of Crater 16
Profile
Elevation
Distance (m)
−1754
−1756
−1758
−1760
−1762
−1764
−1766
50
100
150
200
250
300


Topographic Profile for Angles 60° to 240° of Crater 16
Profile
Elevation
Distance (m)
−1754
−1756
−1758
−1760
−1762
−1764
−1766
50
100
150
200
250
300


Topographic Profile for Angles 70° to 250° of Crater 16
Profile
Elevation
Distance (m)
−1754
−1756
−1758
−1760
−1762
−1764
−1766
0
50
100
150
200
250
300


Topographic Profile for Angles 80° to 260° of Crater 16
Profile
Elevation
Distance (m)
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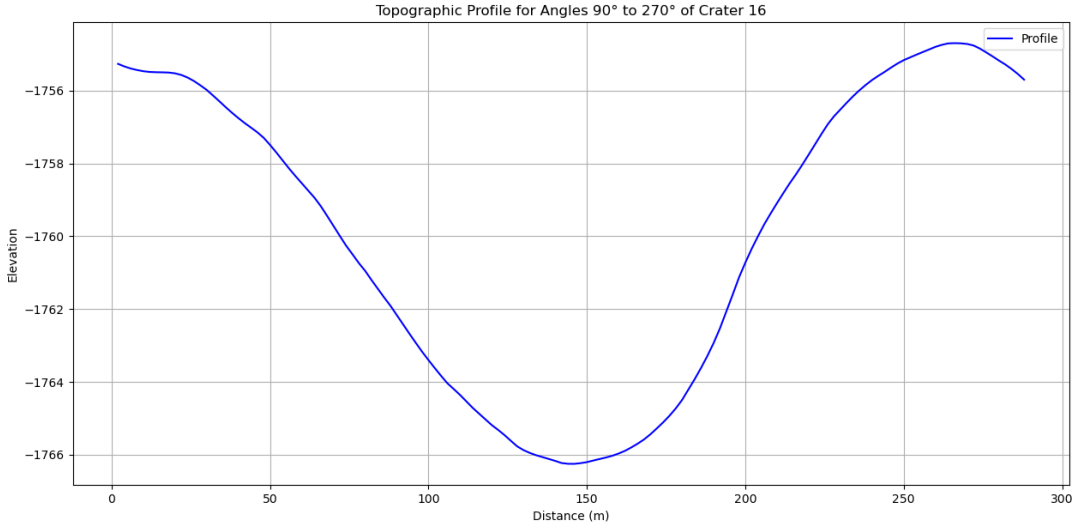
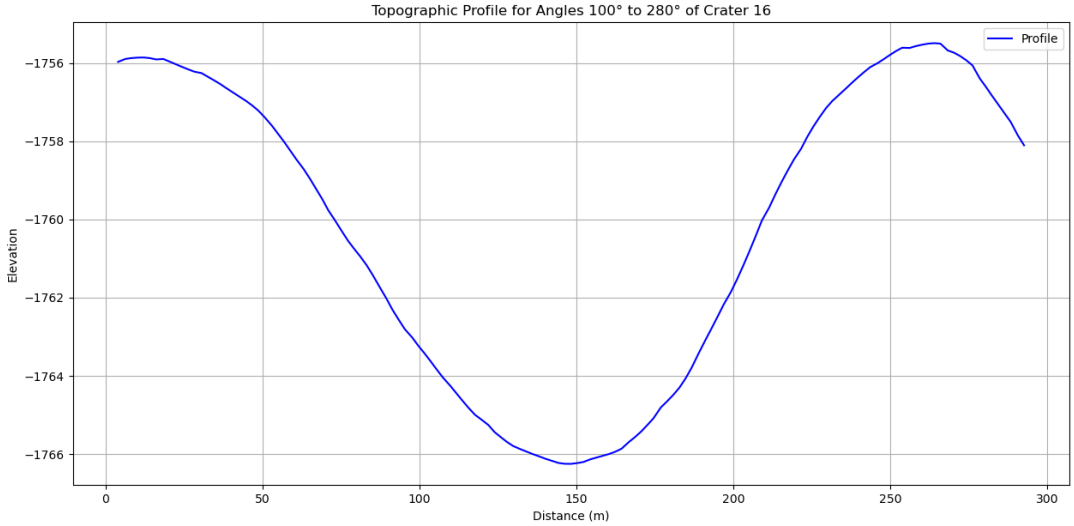
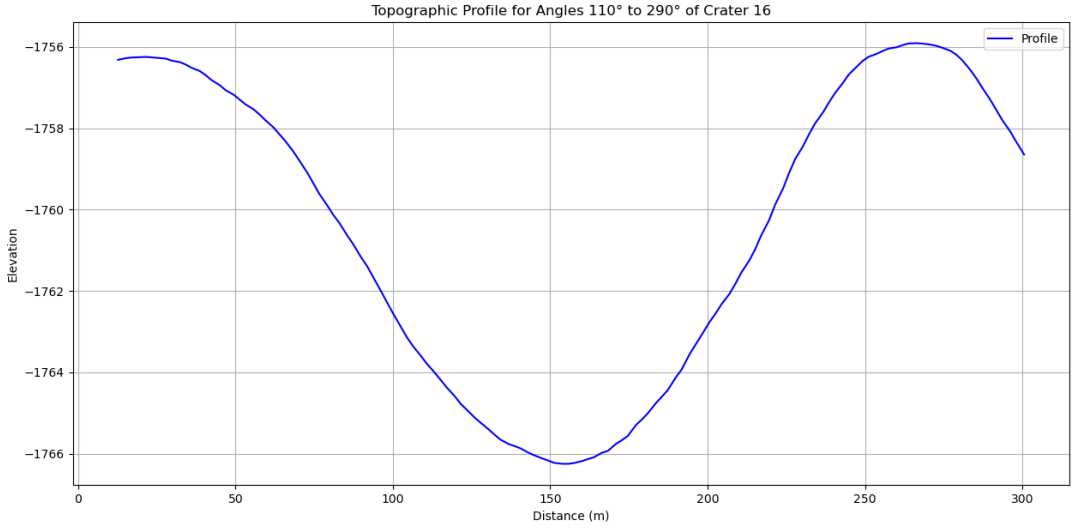
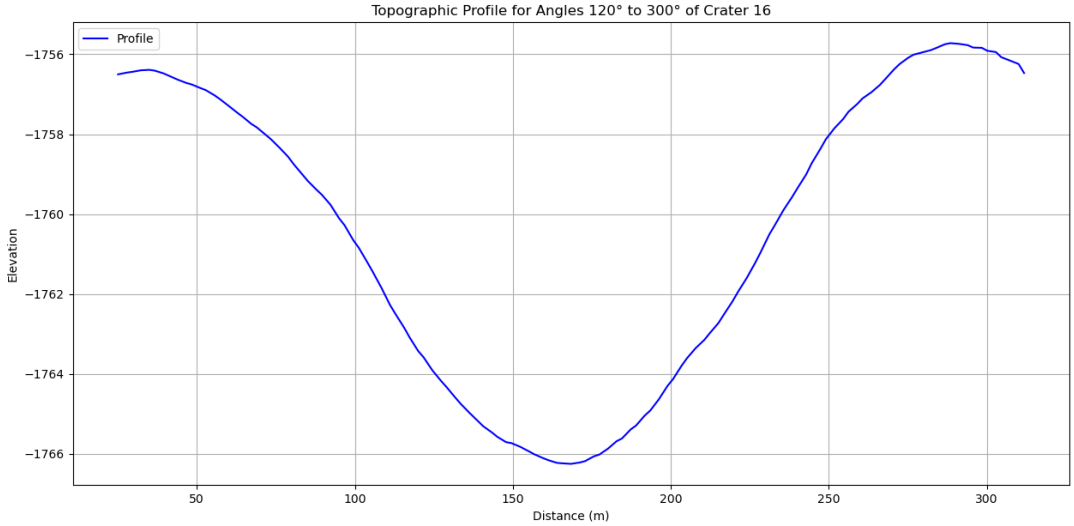
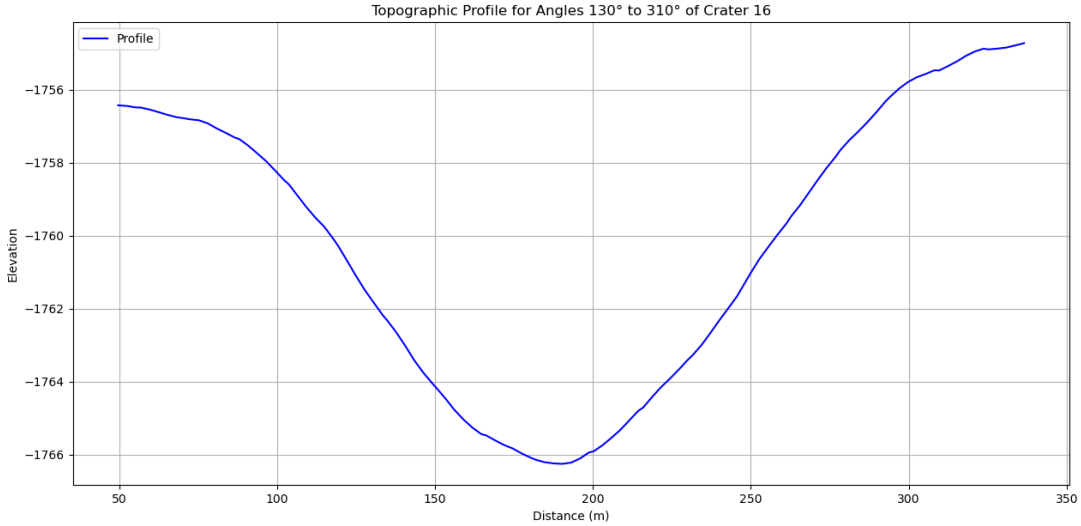
−1756
−1758
−1760
−1762
−1764
−1766
0
50
100
150
200
250
300

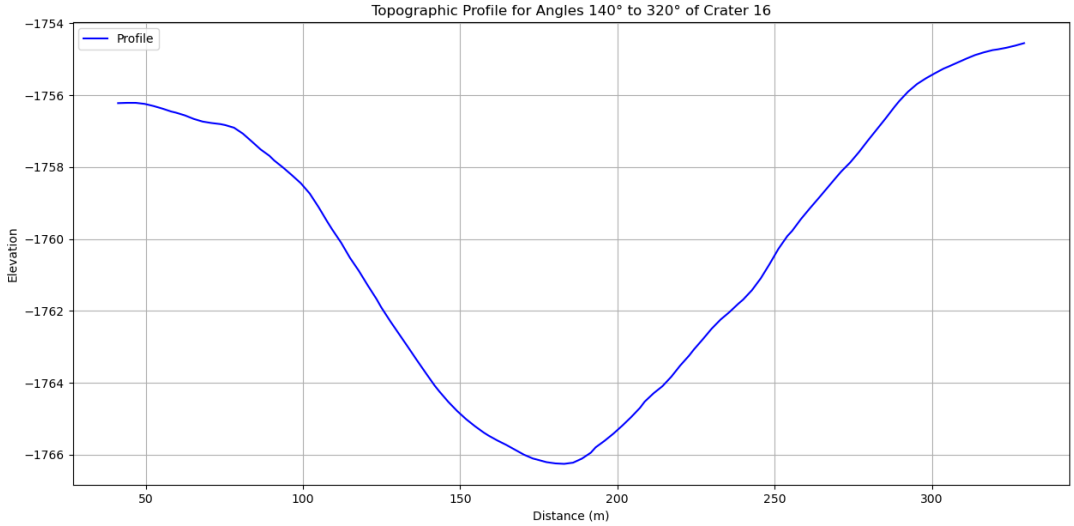

Topographic Profile for Angles 90° to 270° of Crater 16
Profile
Elevation
−1756
−1758
−1760
−1762
−1764
−1766
0
50
100
150
200
250
300
Distance (m)

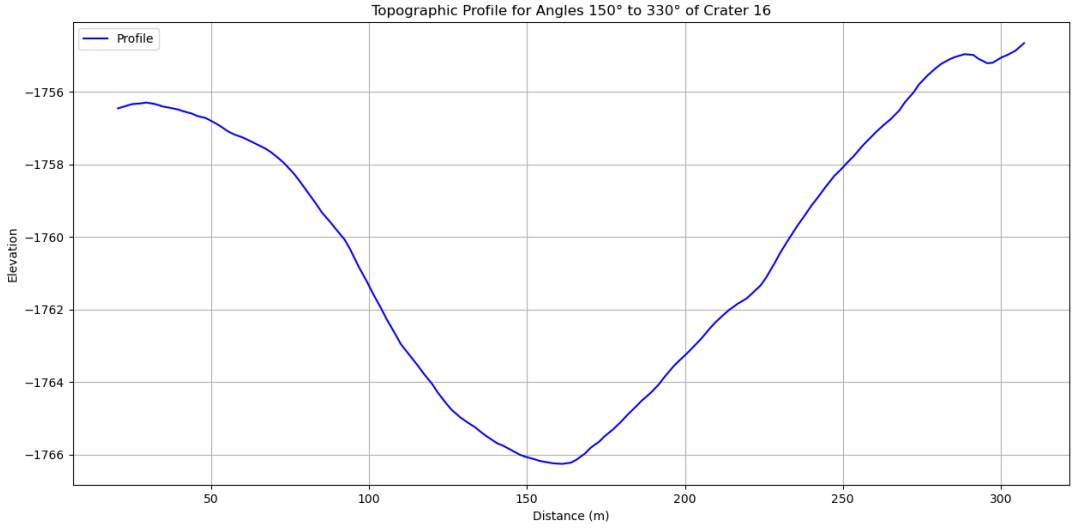

Topographic Profile for Angles 100° to 280° of Crater 16
Profile
Elevation
−1756
−1758
−1760
−1762
−1764
−1766
0
50
100
150
200
250
300
Distance (m)

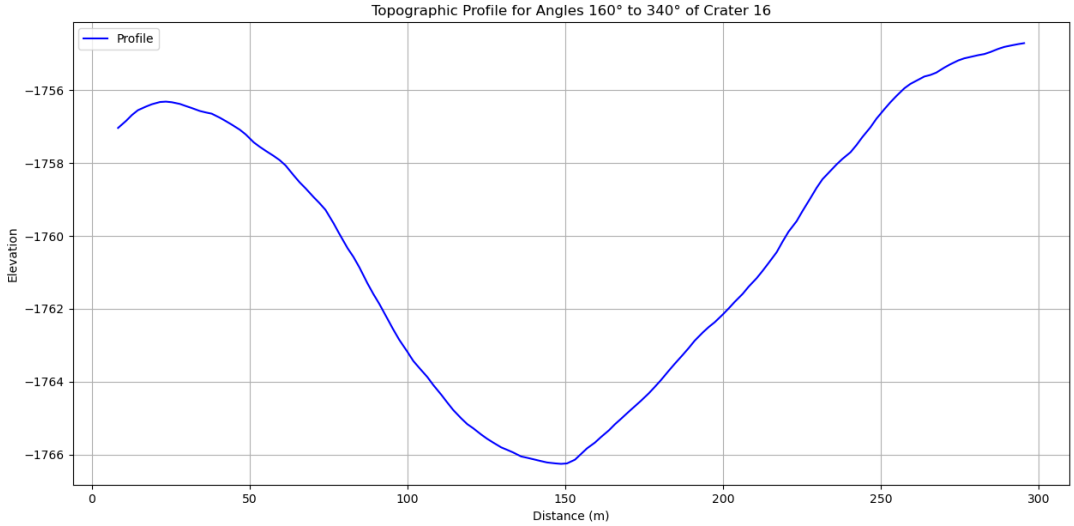

Topographic Profile for Angles 110° to 290° of Crater 16
Profile
Elevation
Distance (m)
−1756
−1758
−1760
−1762
−1764
−1766
0
50
100
150
200
250
300

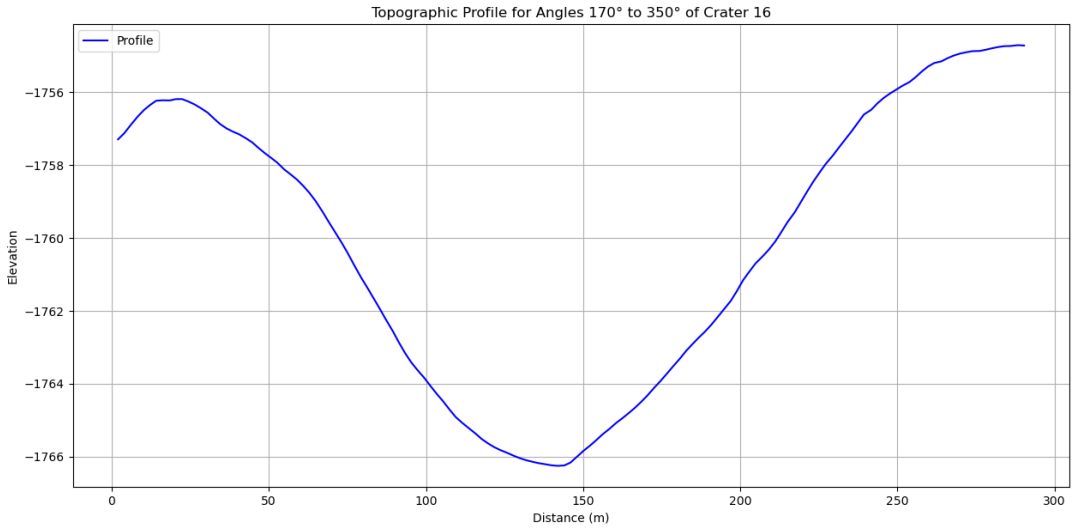

Topographic Profile for Angles 120° to 300° of Crater 16
Profile
Elevation
Distance (m)
−1756
−1758
−1760
−1762
−1764
−1766
50
100
150
200
250
300


Topographic Profile for Angles 130° to 310° of Crater 16
Profile
Elevation
−1756
−1758
−1760
−1762
−1764
−1766
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 16
Profile
Elevation
−1754
−1756
−1758
−1760
−1762
−1764
−1766
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 16
Profile
Elevation
−1756
−1758
−1760
−1762
−1764
−1766
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 16
Profile
Elevation
−1756
−1758
−1760
−1762
−1764
−1766
0
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 16
Profile
Elevation
−1756
−1758
−1760
−1762
−1764
−1766
0
50
100
150
200
250
300
Distance (m)