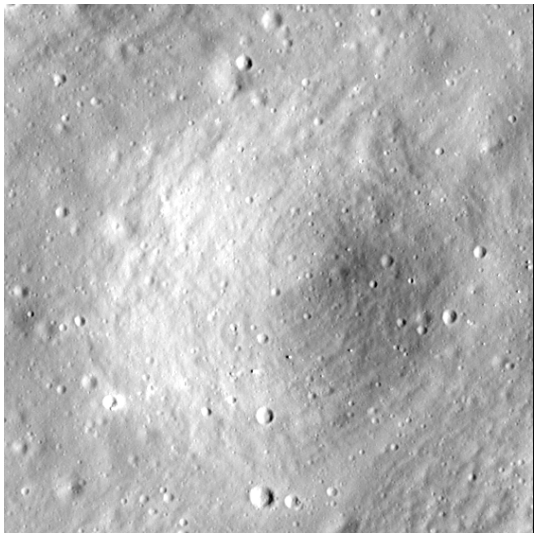
Crater report 2005 of RG2

General information



ID : 2005

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 311m ± 12.0m

Mean depht : 23.7m ± 1.0m

d/D ratio : 0.076 ± 0.004

Circularity index : 0.92

Mean slope : 9.9°

Mean value of TRI on the rim crest : 0.20

Geometric center coordinates : (3656076.1499336, 220765.27555746565)

Coordinates of the crater's lowest point : (3656093.0000011004, 220761.0000000651)

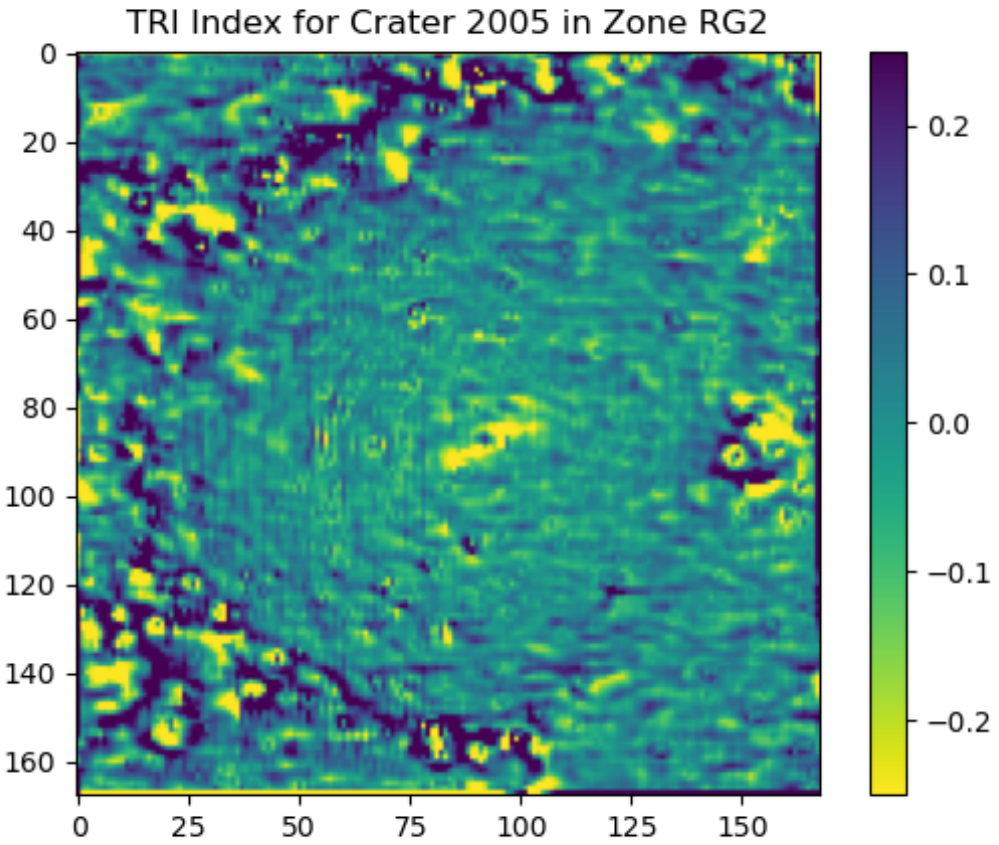
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	12.68	0.57
10°	11.95	0.54
20°	11.19	0.51
30°	10.5	0.48
40°	10.56	0.43
50°	9.57	0.43
60°	7.84	0.48
70°	7.22	0.51
80°	7.66	0.54
90°	8.4	0.57
100°	8.25	0.54
110°	8.01	0.51

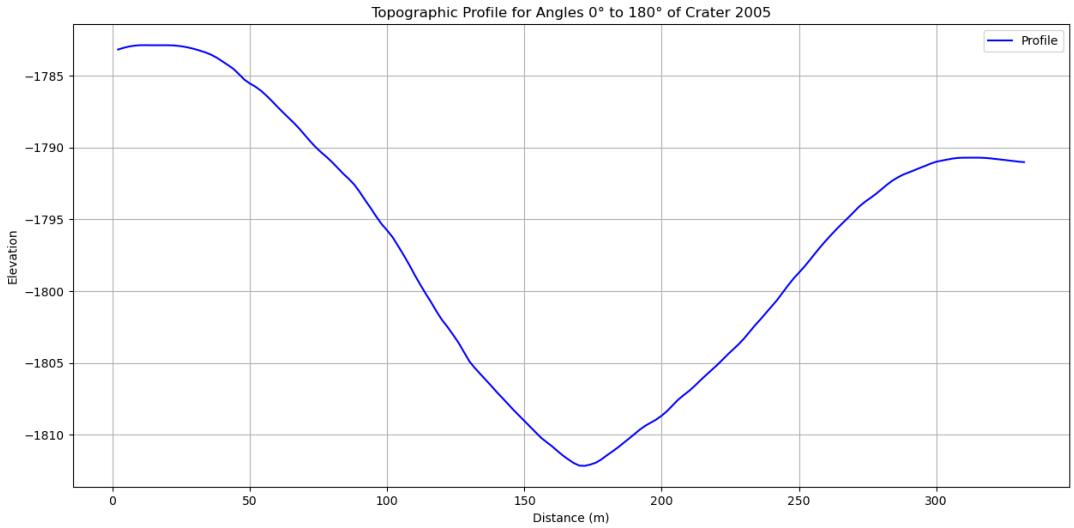
120°	8.07	0.48
130°	9.0	0.43
140°	9.5	0.43
150°	9.65	0.48
160°	9.76	0.51
170°	9.68	0.55
180°	10.2	0.57
190°	9.95	0.54
200°	9.45	0.51
210°	9.41	0.48
220°	9.6	0.43
230°	9.56	0.43
240°	9.1	0.48
250°	9.07	0.52
260°	9.11	0.54
270°	9.59	0.57
280°	9.58	0.54
290°	9.97	0.52
300°	10.88	0.48
310°	11.68	0.43
320°	12.19	0.43
330°	12.4	0.48
340°	12.6	0.51
350°	12.7	0.54

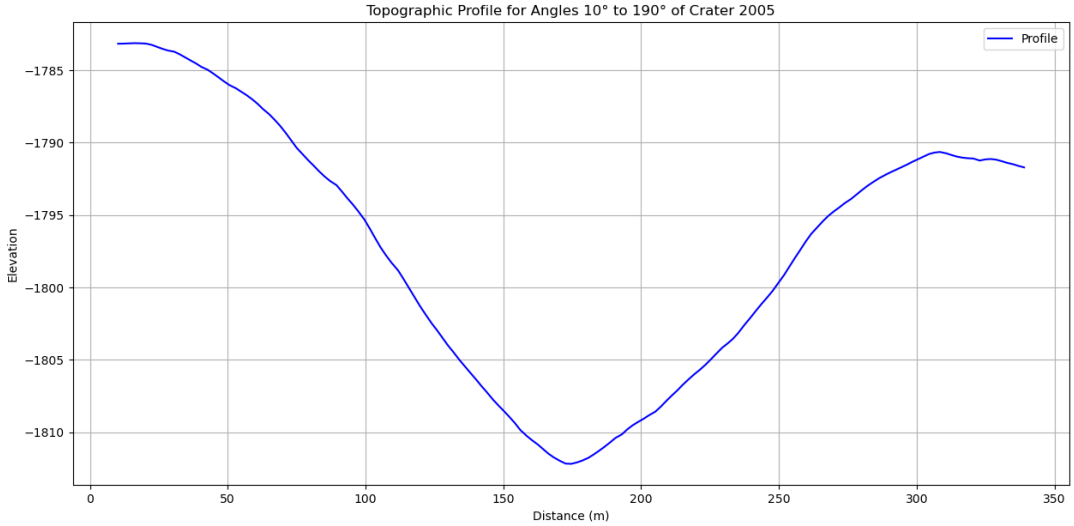
Topographic roughness index (TRI)

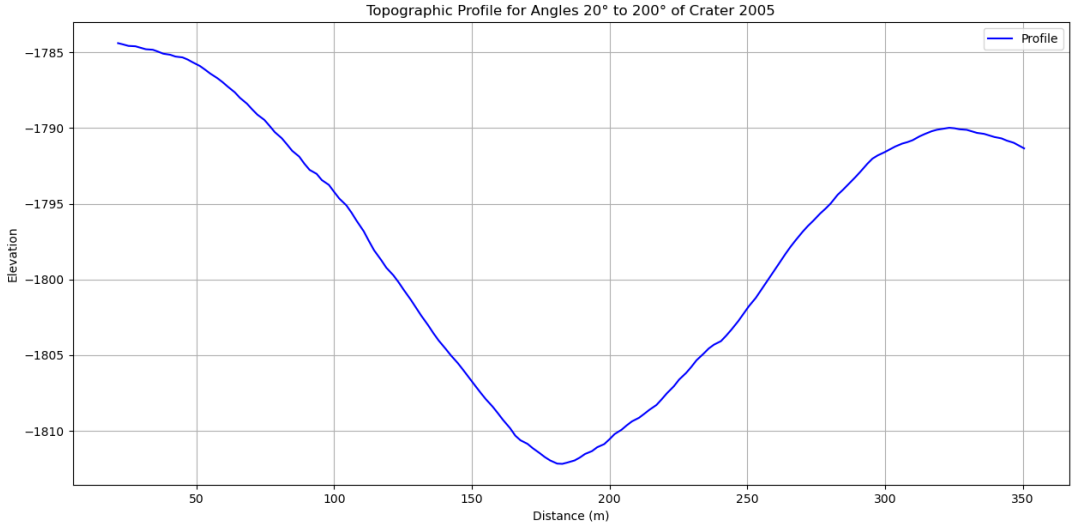
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.



Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 2005
Profile
Elevation
−1785
−1790
−1795
−1800
−1805
−1810
0
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 2005
Profile
Elevation
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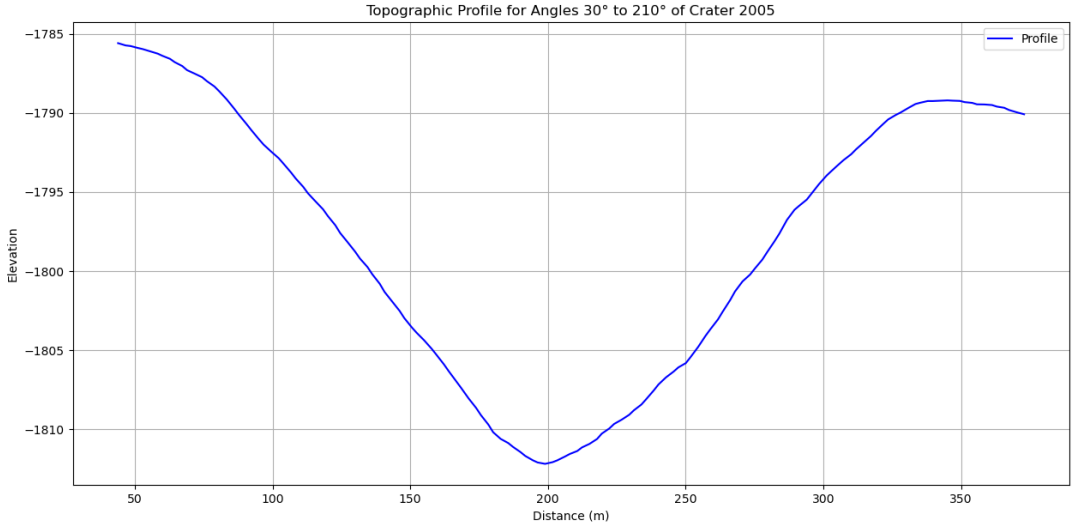
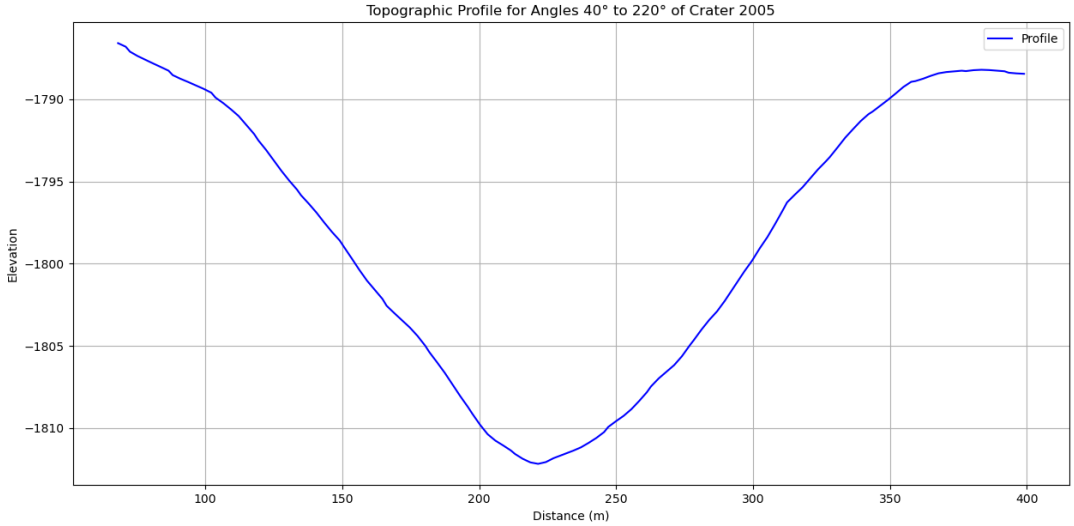
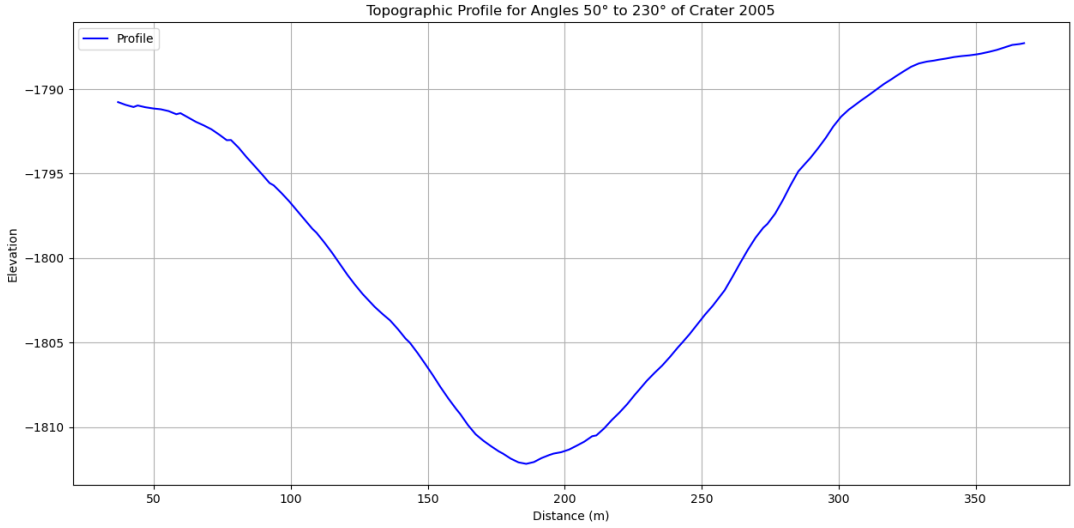
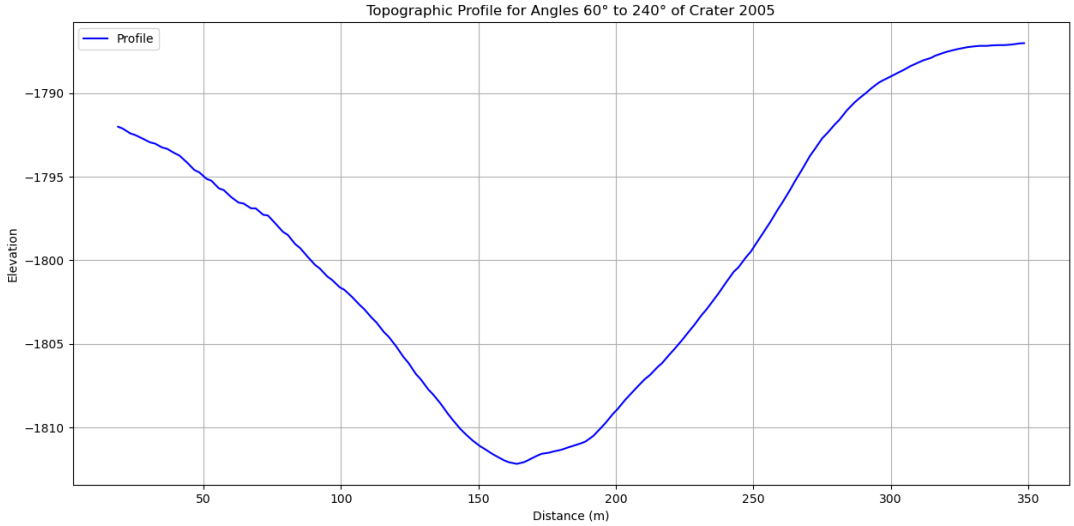
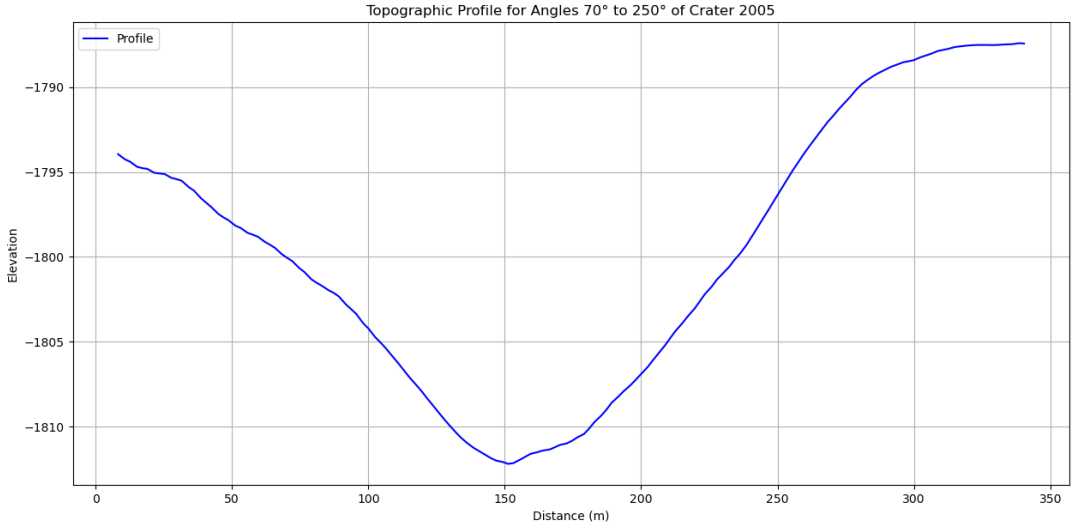
−1790
−1795
−1800
−1805
−1810
50
100
150
200
250
300
350
Distance (m)

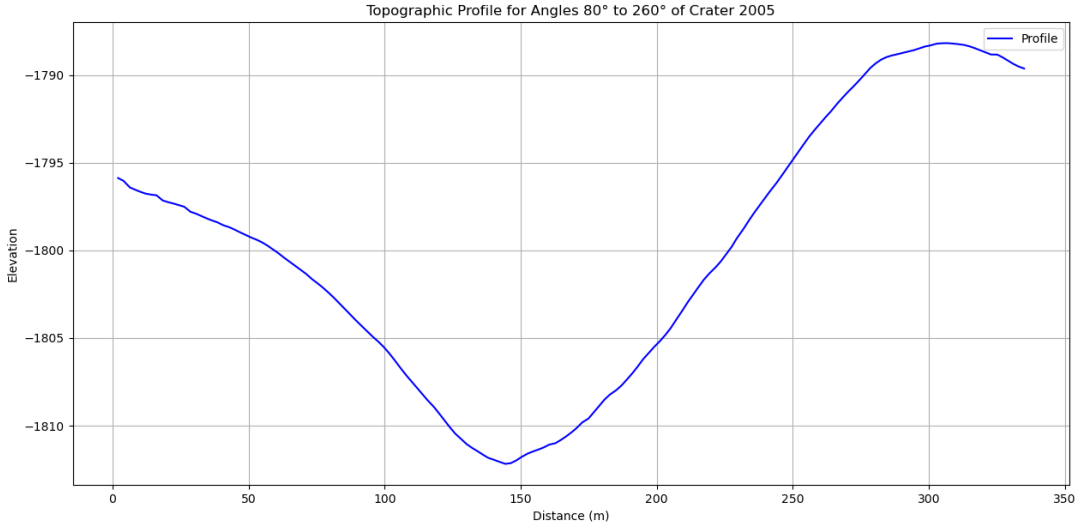

Topographic Profile for Angles 30° to 210° of Crater 2005
Profile
Elevation
Distance (m)
−1785
−1790
−1795
−1800
−1805
−1810
50
100
150
200
250
300
350

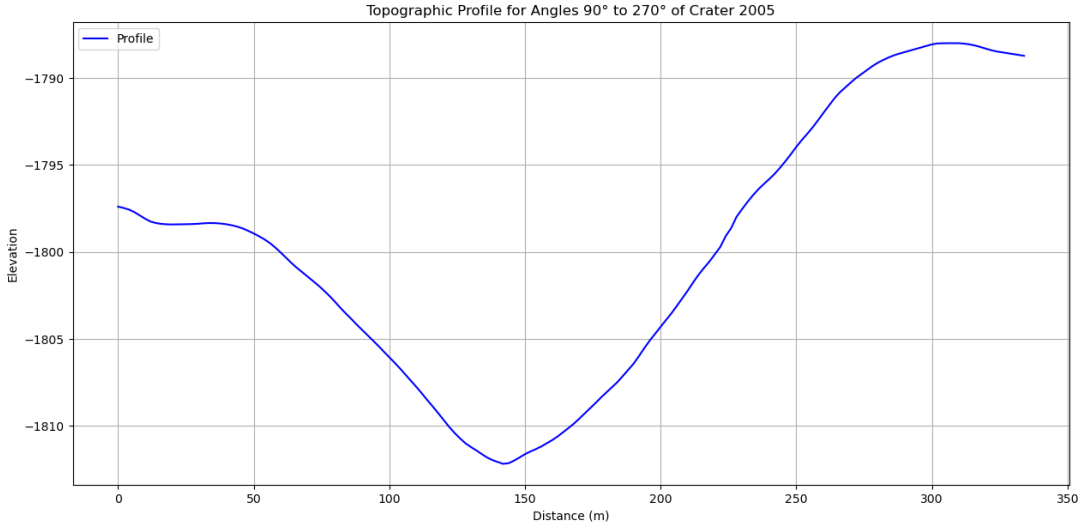

Topographic Profile for Angles 40° to 220° of Crater 2005
Profile
Elevation
Distance (m)
−1790
−1795
−1800
−1805
−1810
100
150
200
250
300
350
400

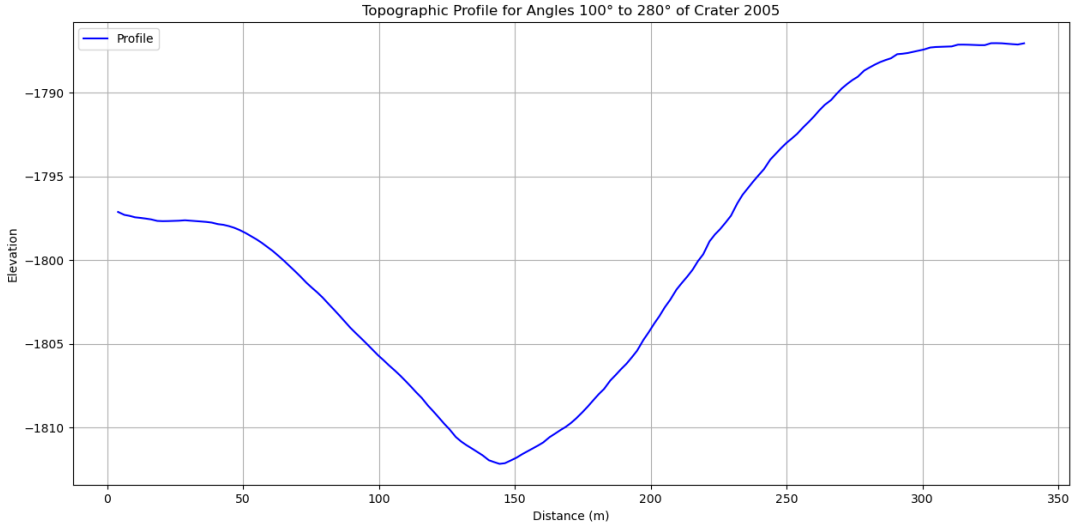

Topographic Profile for Angles 50° to 230° of Crater 2005
Profile
Elevation
Distance (m)
−1790
−1795
−1800
−1805
−1810
50
100
150
200
250
300
350

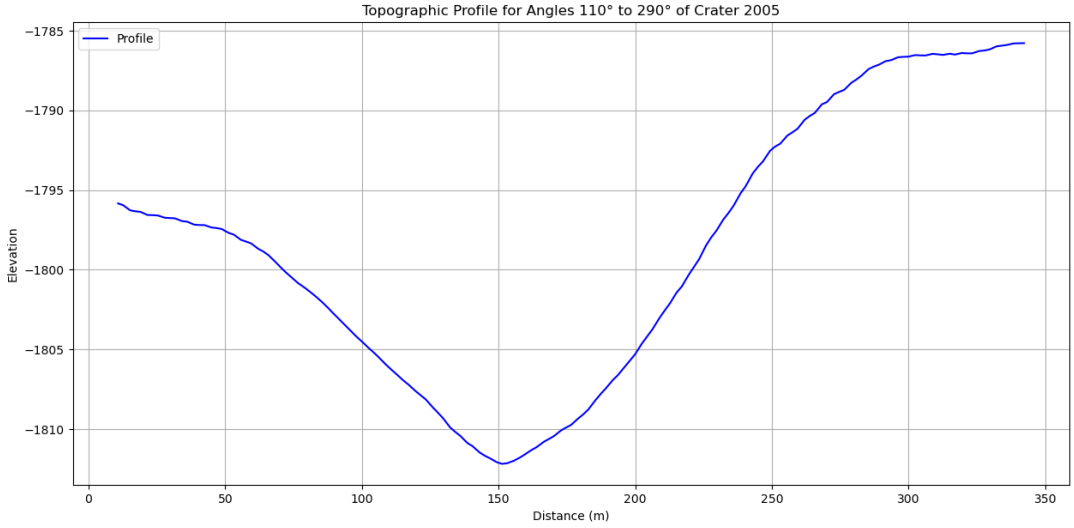

Topographic Profile for Angles 60° to 240° of Crater 2005
Profile
Elevation
Distance (m)
−1790
−1795
−1800
−1805
−1810
50
100
150
200
250
300
350

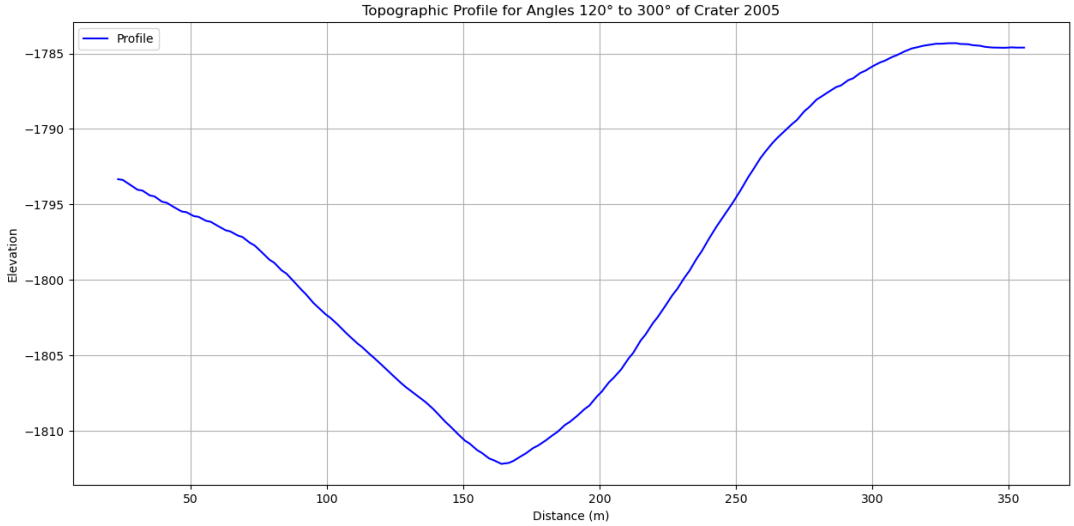

Topographic Profile for Angles 70° to 250° of Crater 2005
Profile
Elevation
−1790
−1795
−1800
−1805
−1810
0
50
100
150
200
250
300
350
Distance (m)

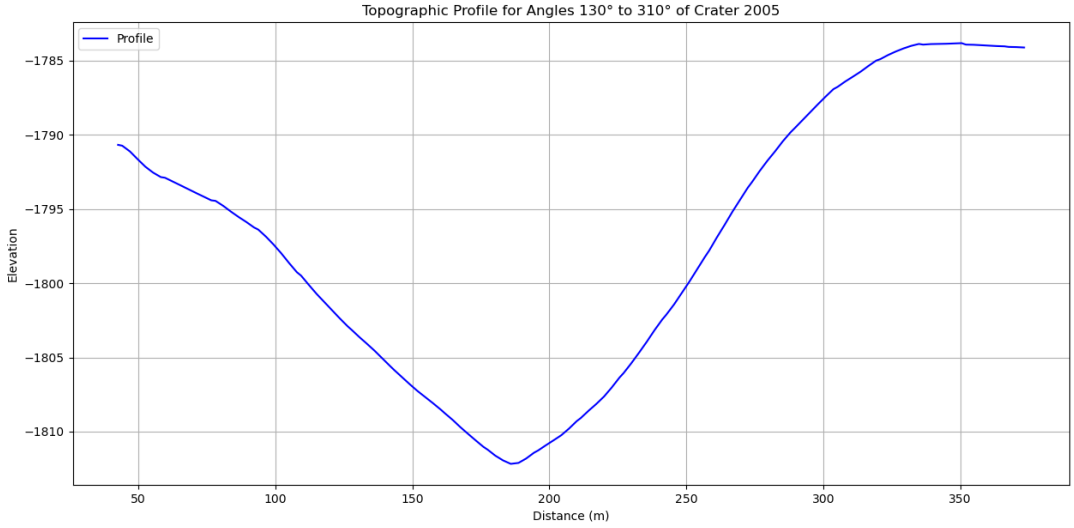

Topographic Profile for Angles 80° to 260° of Crater 2005
Profile
Elevation
−1790
−1795
−1800
−1805
−1810
0
50
100
150
200
250
300
350
Distance (m)

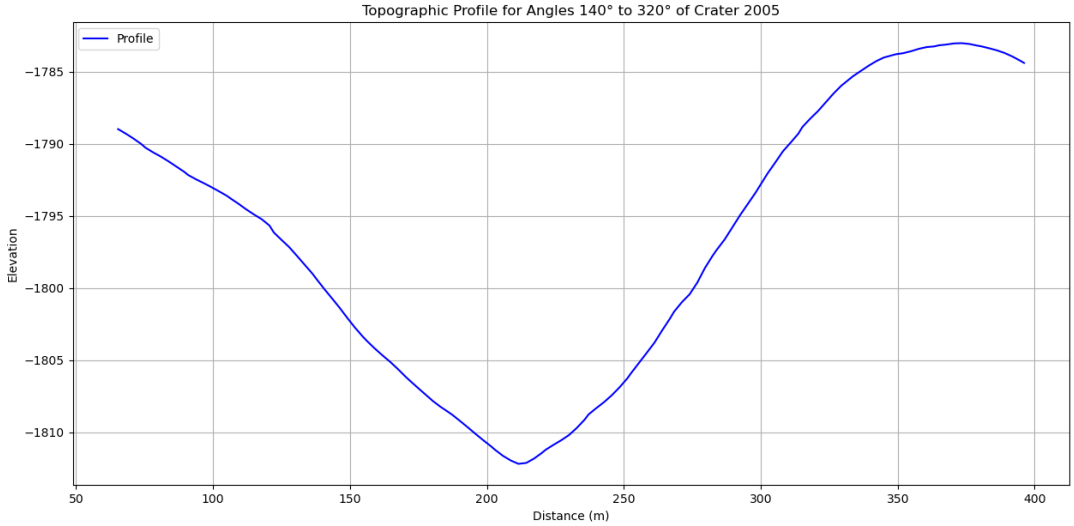

Topographic Profile for Angles 90° to 270° of Crater 2005
Profile
Elevation
Distance (m)
−1790
−1795
−1800
−1805
−1810
0
50
100
150
200
250
300
350


Topographic Profile for Angles 100° to 280° of Crater 2005
Profile
Elevation
Distance (m)
−1790
−1795
−1800
−1805
−1810
0
50
100
150
200
250
300
350


Topographic Profile for Angles 110° to 290° of Crater 2005
Profile
Elevation
Distance (m)
−1785
−1790
−1795
−1800
−1805
−1810
0
50
100
150
200
250
300
350


Topographic Profile for Angles 120° to 300° of Crater 2005
Profile
Elevation
Distance (m)
−1785
−1790
−1795
−1800
−1805
−1810
50
100
150
200
250
300
350


Topographic Profile for Angles 130° to 310° of Crater 2005
Profile
Elevation
Distance (m)
−1785
−1790
−1795
−1800
−1805
−1810
50
100
150
200
250
300
350


Topographic Profile for Angles 140° to 320° of Crater 2005
Profile
Elevation
Distance (m)
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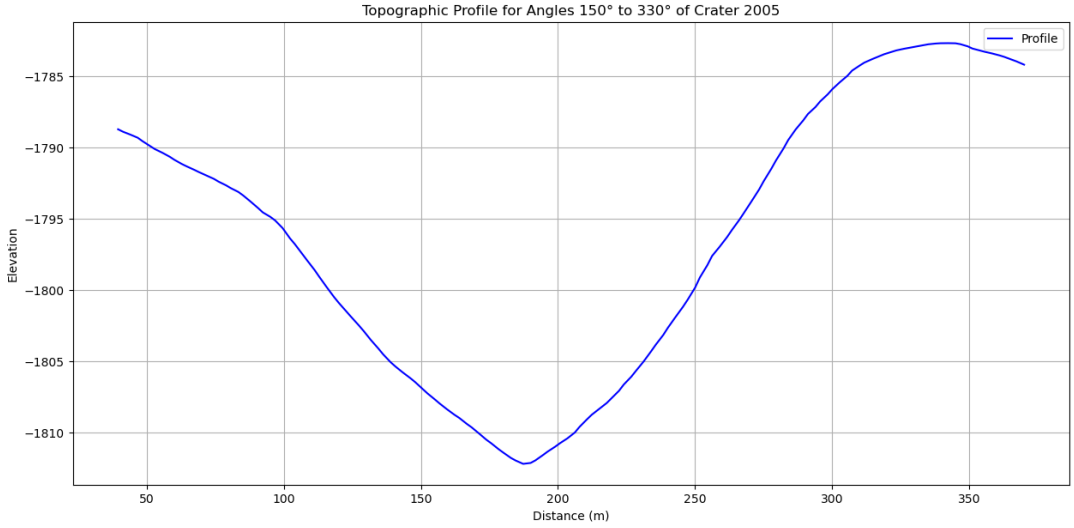
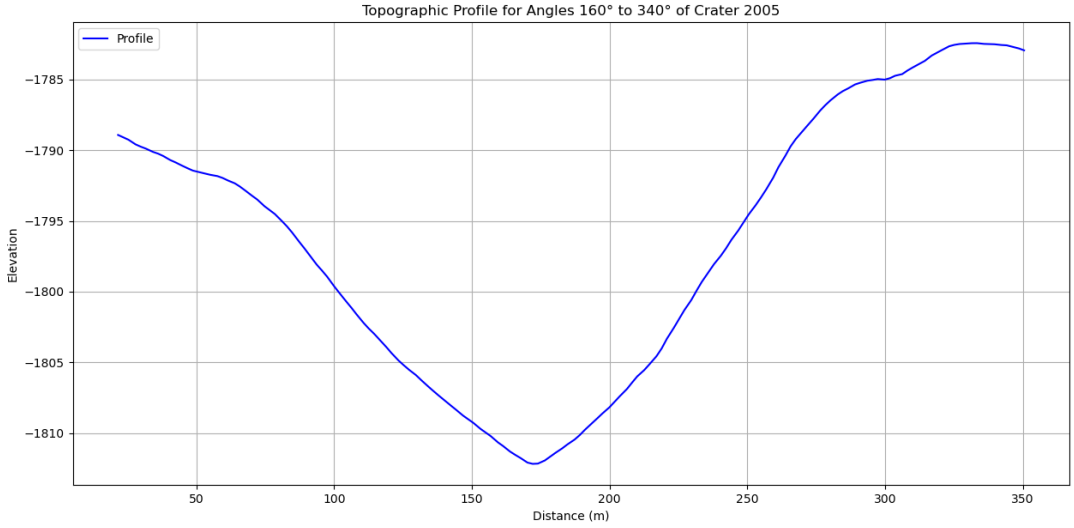
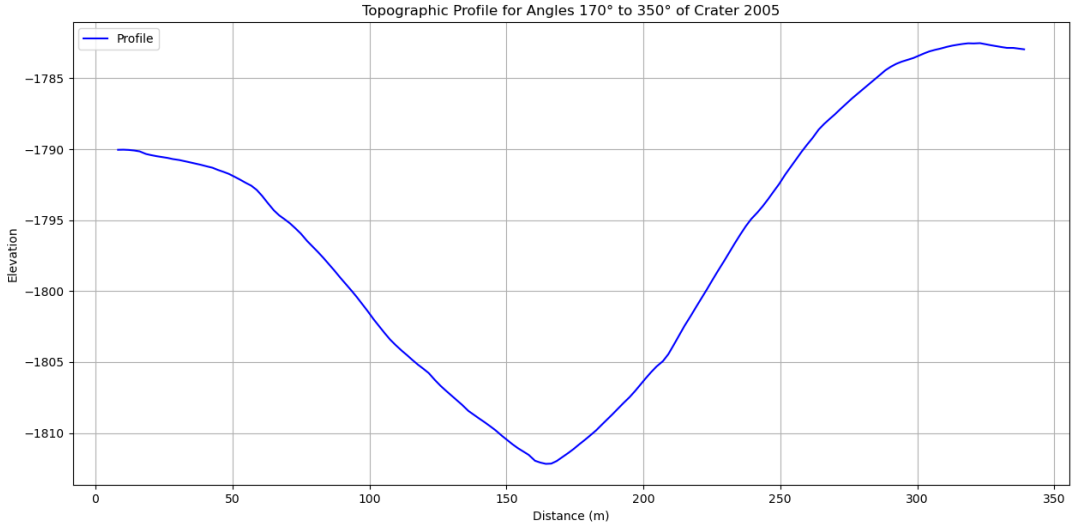
−1790
−1795
−1800
−1805
−1810
50
100
150
200
250
300
350
400


Topographic Profile for Angles 150° to 330° of Crater 2005
Profile
Elevation
−1785
−1790
−1795
−1800
−1805
−1810
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 2005
Profile
Elevation
−1785
−1790
−1795
−1800
−1805
−1810
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 2005
Profile
Elevation
−1785
−1790
−1795
−1800
−1805
−1810
0
50
100
150
200
250
300
350
Distance (m)