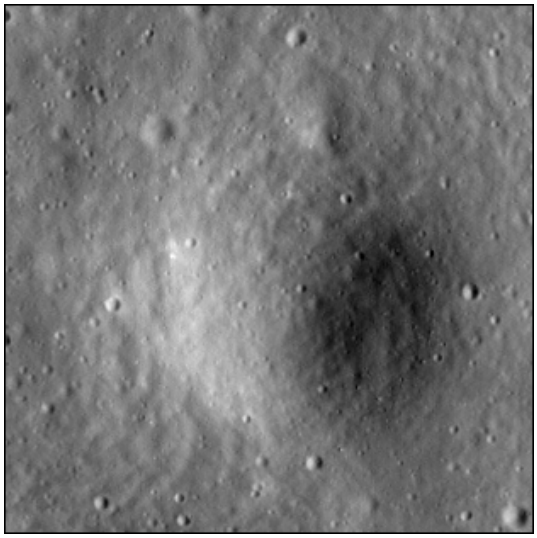
Crater report 2285 of RG2

General information



ID : 2285

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 161m ± 6.0m

Mean depht : 12.2m ± 0.3m

d/D ratio : 0.075 ± 0.003

Circularity index : 0.91

Mean slope : 10.45°

Mean value of TRI on the rim crest : 0.41

Geometric center coordinates : (3659284.320956898, 220175.3855898359)

Coordinates of the crater's lowest point : (3659289.0000011013, 220163.00000006493)

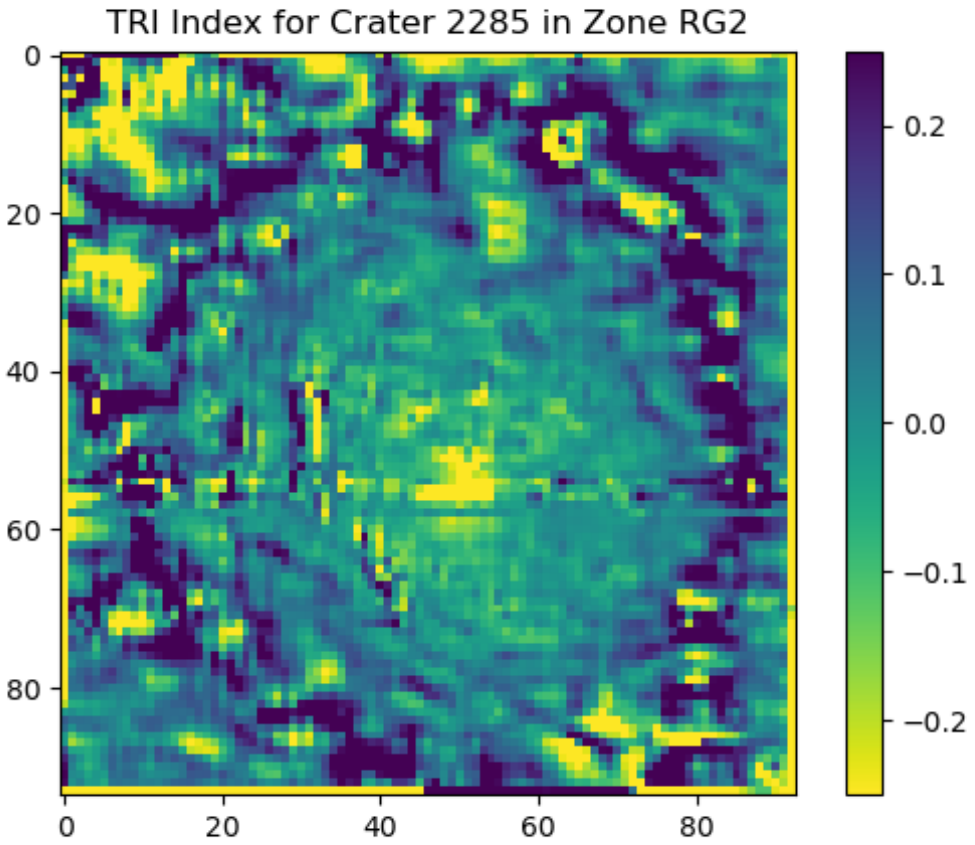
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	9.51	0.57
10°	8.88	0.54
20°	9.22	0.52
30°	9.52	0.48
40°	10.39	0.43
50°	10.7	0.43
60°	10.49	0.48
70°	10.59	0.51
80°	10.74	0.54
90°	11.21	0.57
100°	10.52	0.54
110°	10.02	0.51

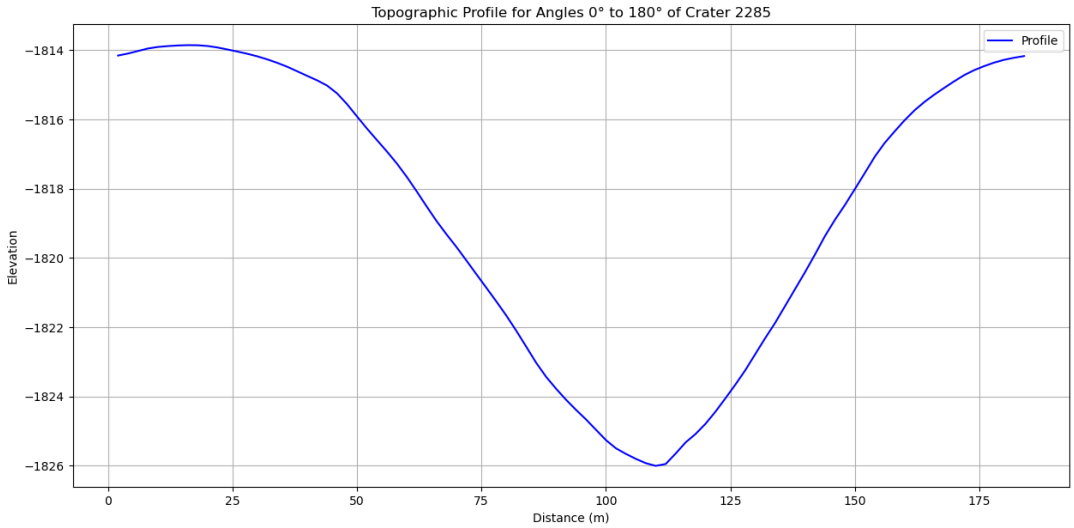
120°	9.82	0.48
130°	10.06	0.43
140°	9.79	0.43
150°	9.27	0.48
160°	9.69	0.51
170°	10.58	0.54
180°	11.44	0.57
190°	11.31	0.54
200°	11.38	0.51
210°	11.76	0.48
220°	12.47	0.43
230°	12.78	0.42
240°	11.72	0.48
250°	11.77	0.51
260°	11.51	0.54
270°	11.43	0.57
280°	10.68	0.54
290°	10.4	0.51
300°	9.94	0.48
310°	10.02	0.43
320°	9.74	0.43
330°	8.98	0.48
340°	8.86	0.52
350°	9.03	0.55

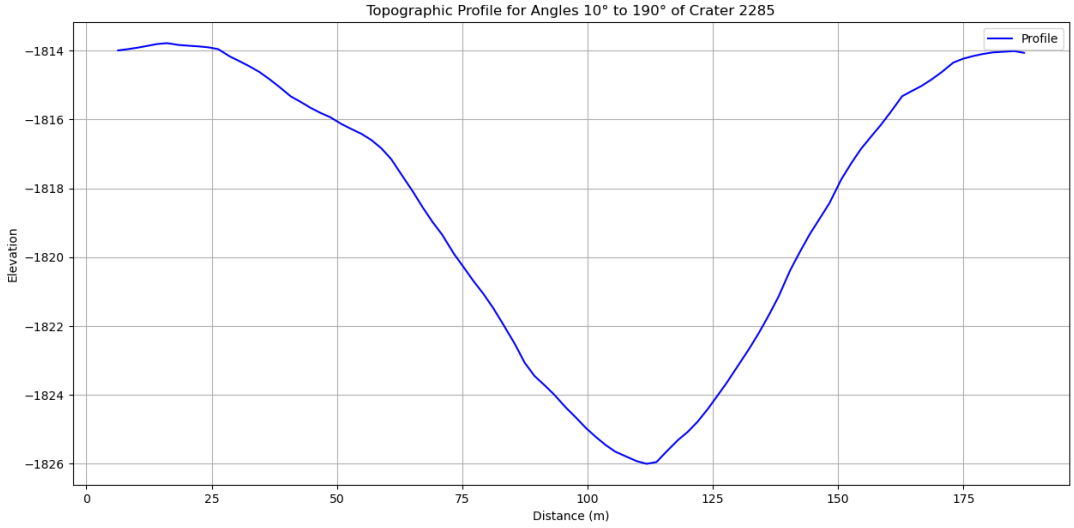
Topographic roughness index (TRI)

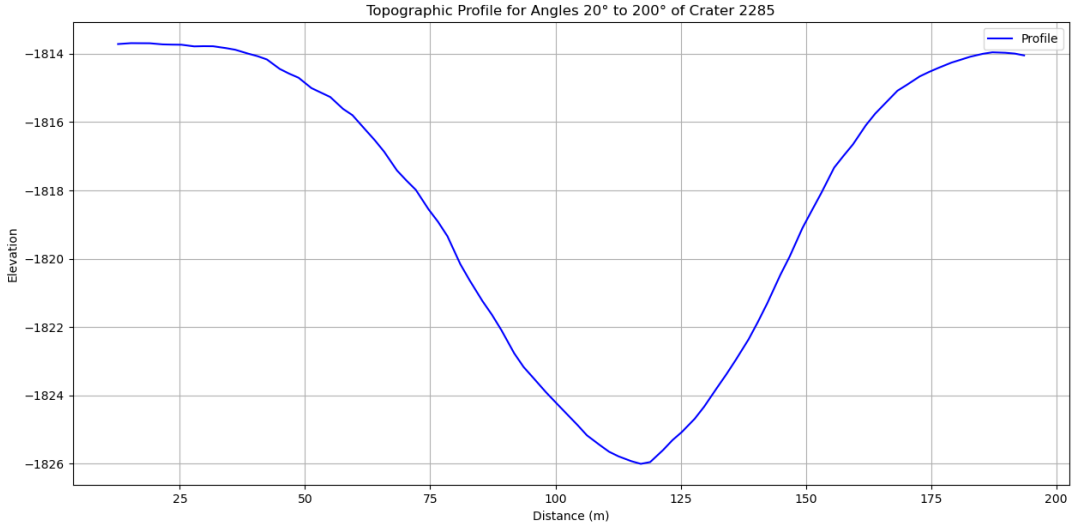
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

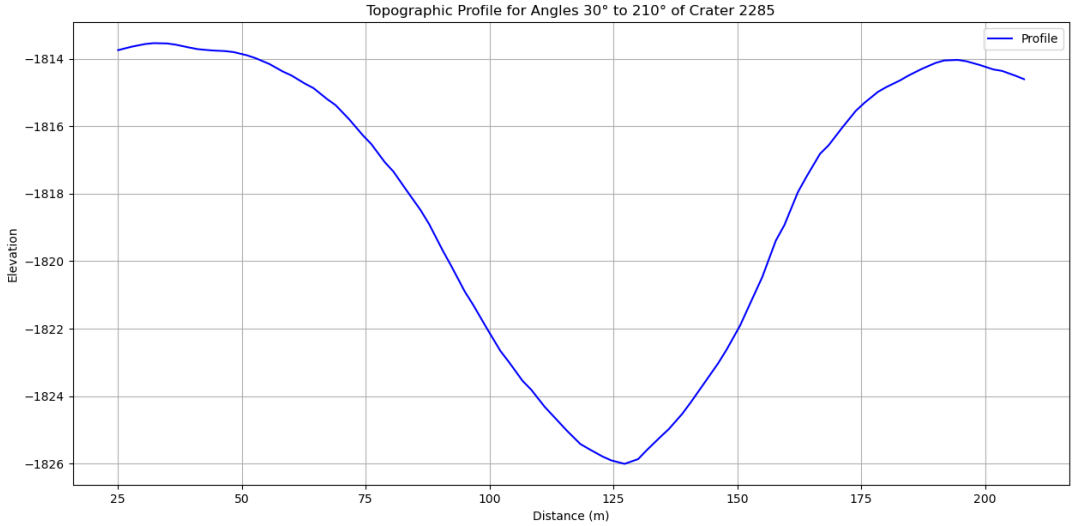


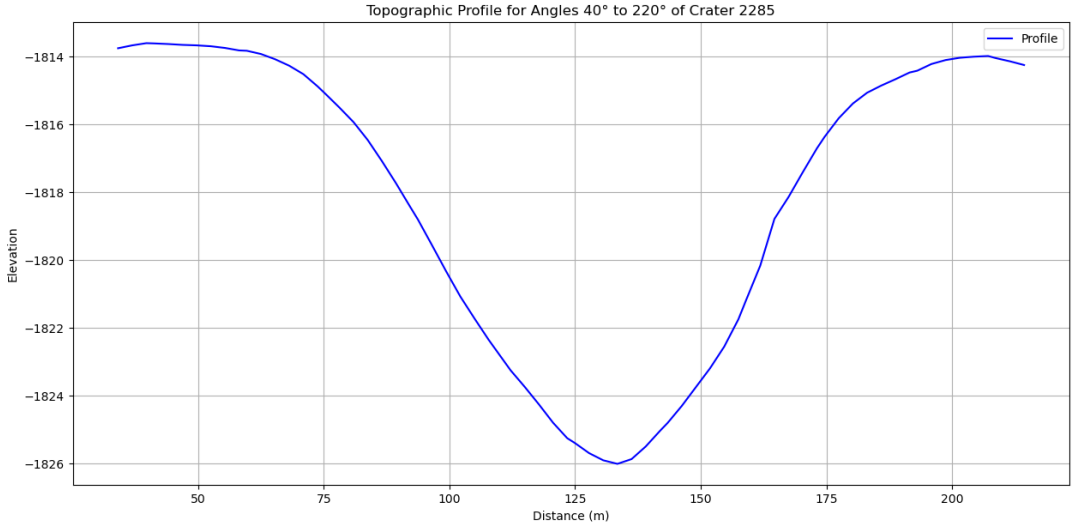
Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 2285
Profile
Elevation
Distance (m)
−1814
−1816
−1818
−1820
−1822
−1824
−1826
0
25
50
75
100
125
150
175


Topographic Profile for Angles 20° to 200° of Crater 2285
Profile
Elevation
Distance (m)
−1814
−1816
−1818
−1820
−1822
−1824
−1826
25
50
75
100
125
150
175
200


Topographic Profile for Angles 30° to 210° of Crater 2285
Profile
Elevation
Distance (m)
−1814
−1816
−1818
−1820
−1822
−1824
−1826
25
50
75
100
125
150
175
200


Topographic Profile for Angles 40° to 220° of Crater 2285
Profile
Elevation
Distance (m)
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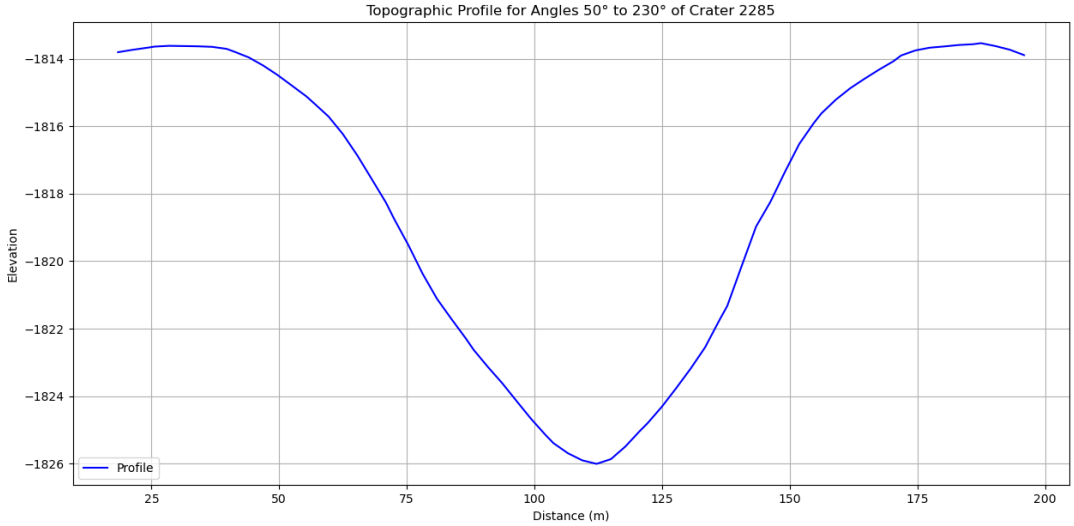
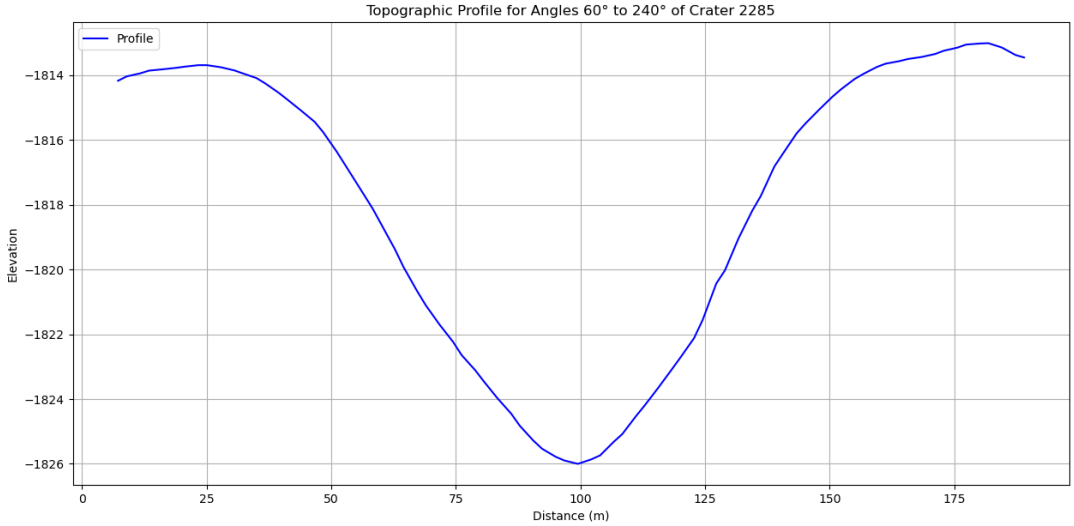
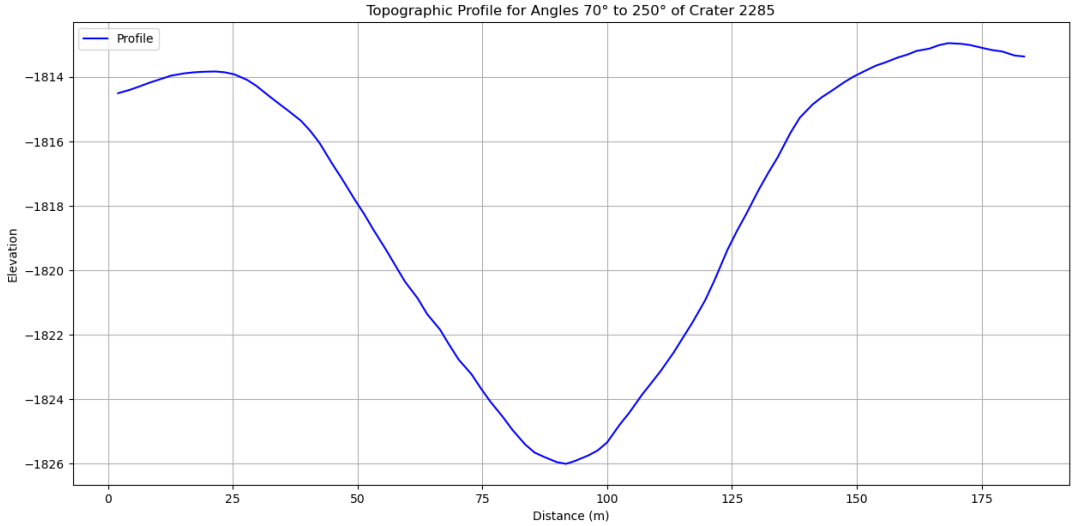
−1816
−1818
−1820
−1822
−1824
−1826
50
75
100
125
150
175
200


Topographic Profile for Angles 50° to 230° of Crater 2285
Elevation
Distance (m)
Profile
−1814
−1816
−1818
−1820
−1822
−1824
−1826
25
50
75
100
125
150
175
200


Topographic Profile for Angles 60° to 240° of Crater 2285
Elevation
Distance (m)
Profile
−1814
−1816
−1818
−1820
−1822
−1824
−1826
0
25
50
75
100
125
150
175


Topographic Profile for Angles 70° to 250° of Crater 2285
Profile
Elevation
Distance (m)
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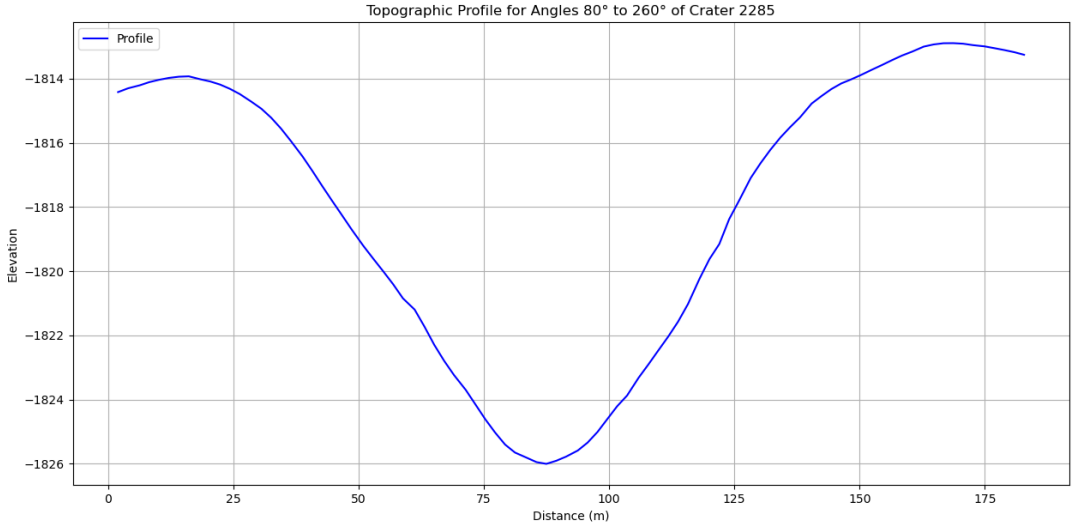
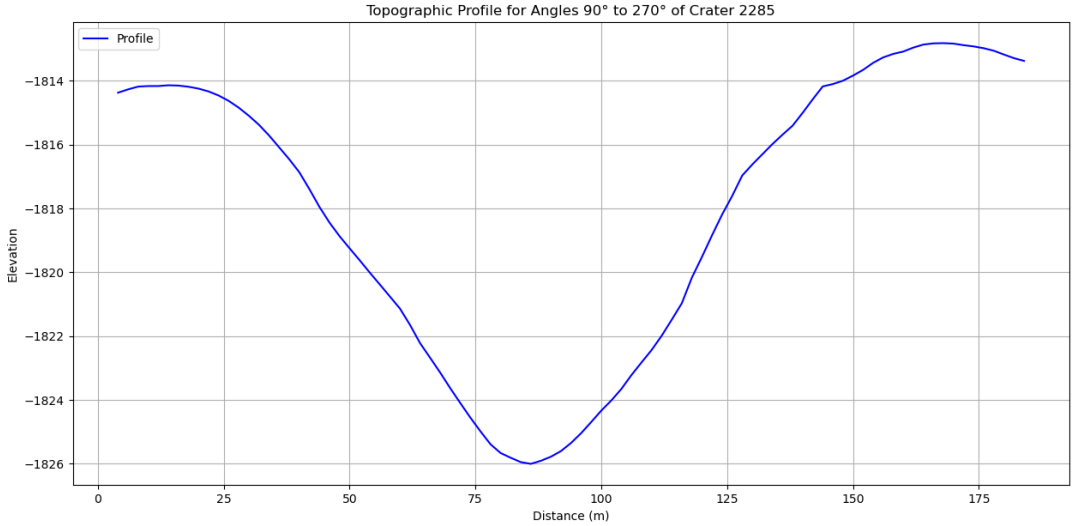
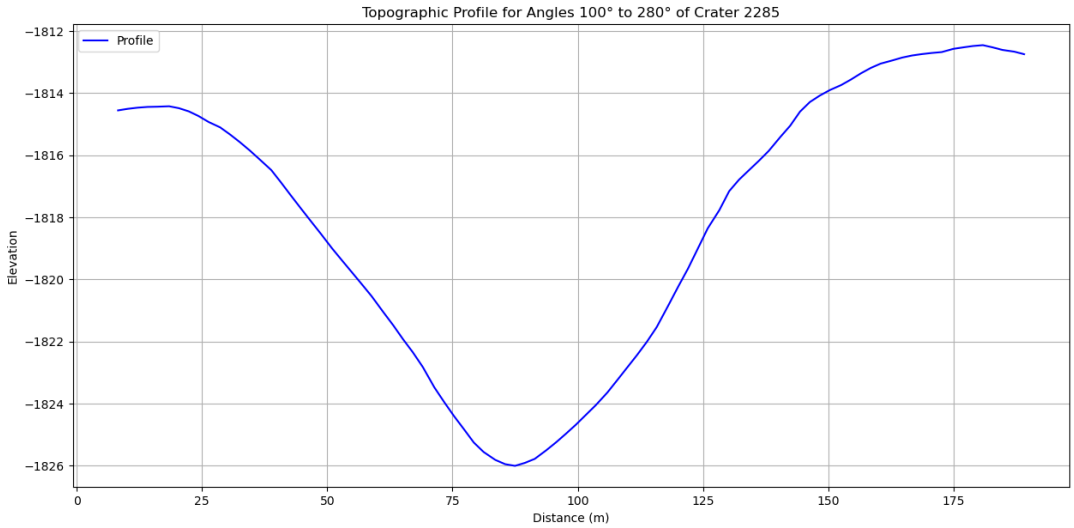
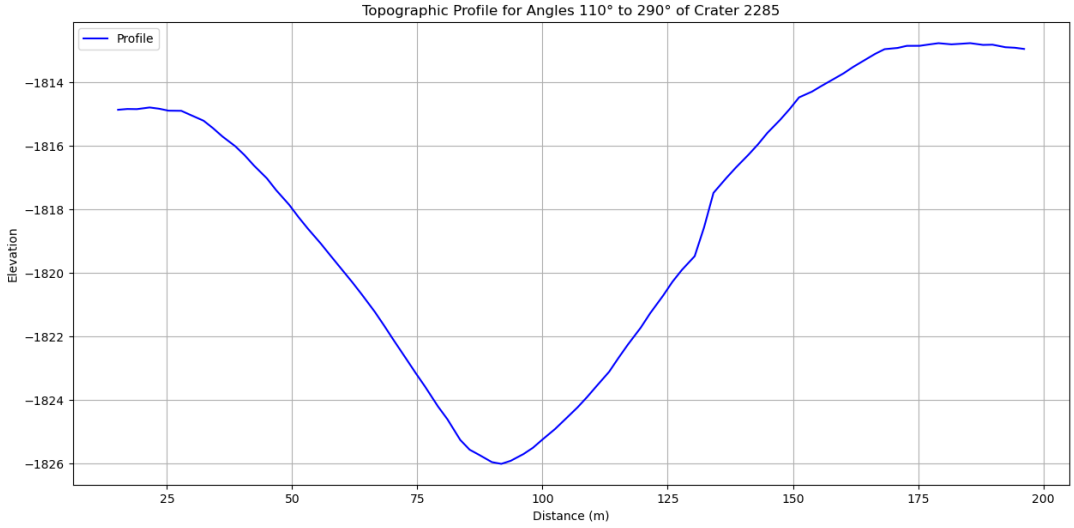
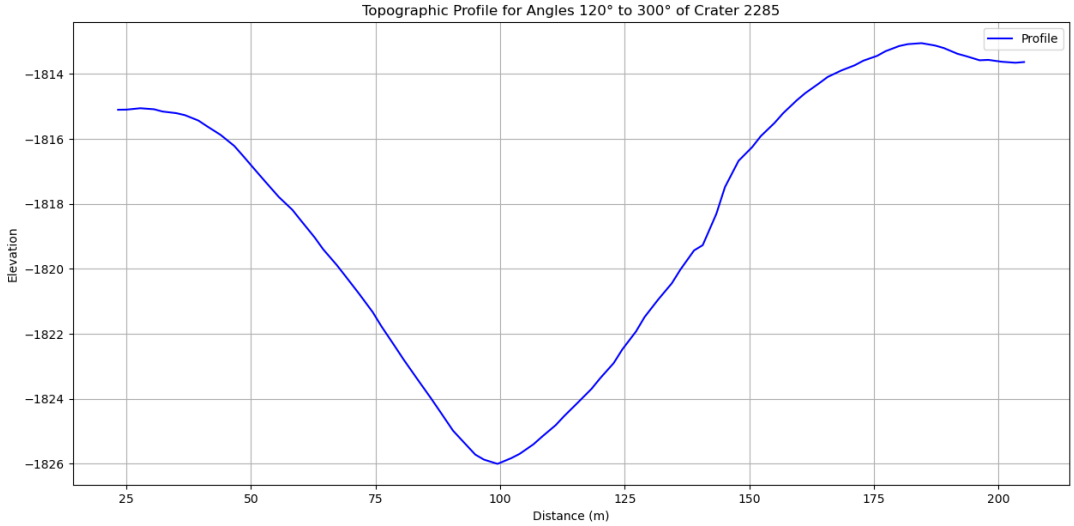
−1816
−1818
−1820
−1822
−1824
−1826
0
25
50
75
100
125
150
175

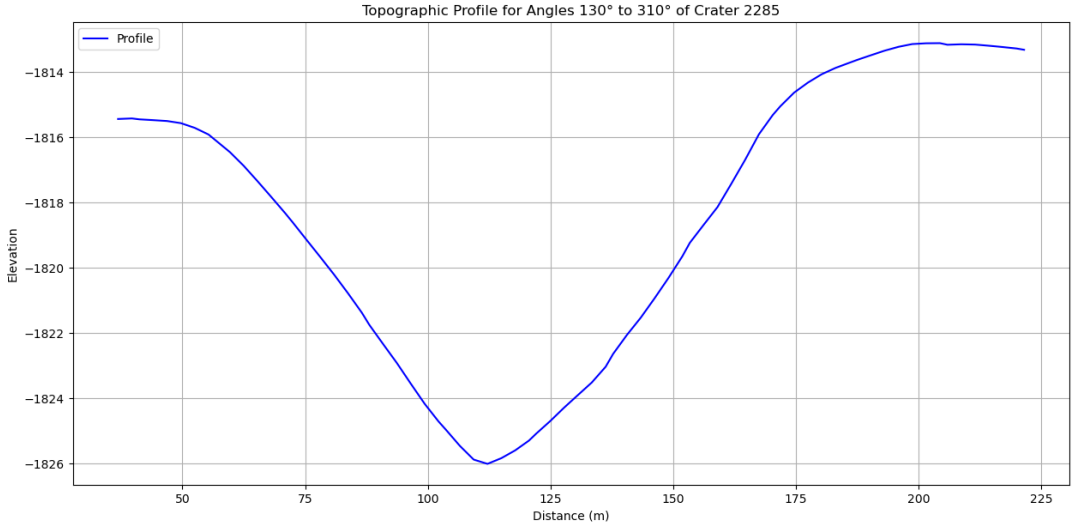

Topographic Profile for Angles 80° to 260° of Crater 2285
Profile
Elevation
Distance (m)
−1814
−1816
−1818
−1820
−1822
−1824
−1826
0
25
50
75
100
125
150
175

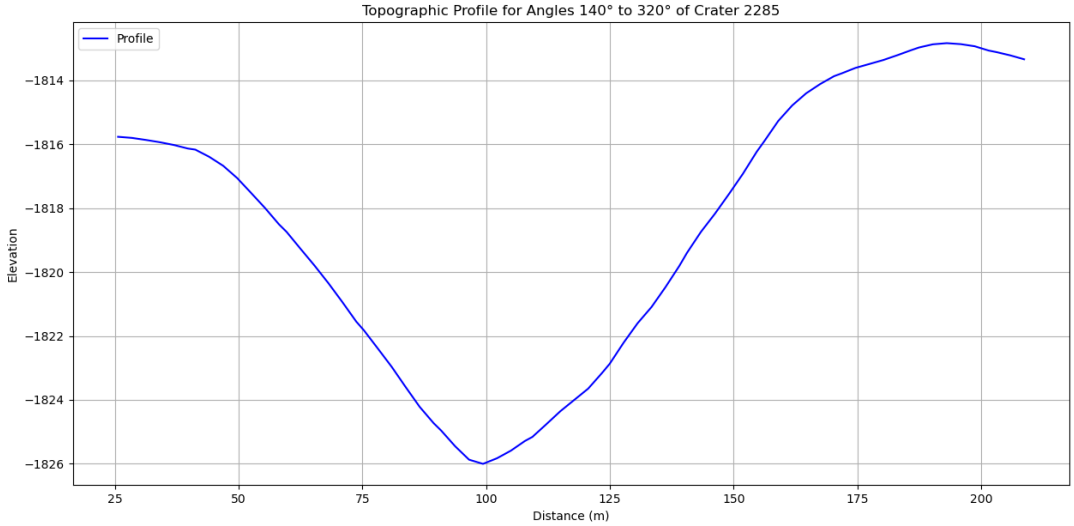

Topographic Profile for Angles 90° to 270° of Crater 2285
Profile
Elevation
Distance (m)
−1814
−1816
−1818
−1820
−1822
−1824
−1826
0
25
50
75
100
125
150
175

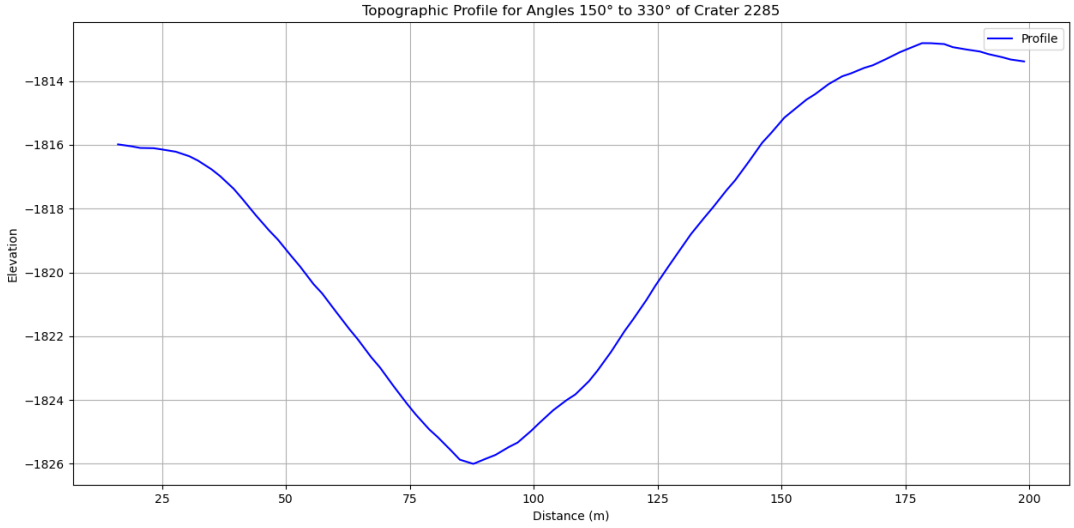

Topographic Profile for Angles 100° to 280° of Crater 2285
Profile
Elevation
Distance (m)
−1812
−1814
−1816
−1818
−1820
−1822
−1824
−1826
0
25
50
75
100
125
150
175

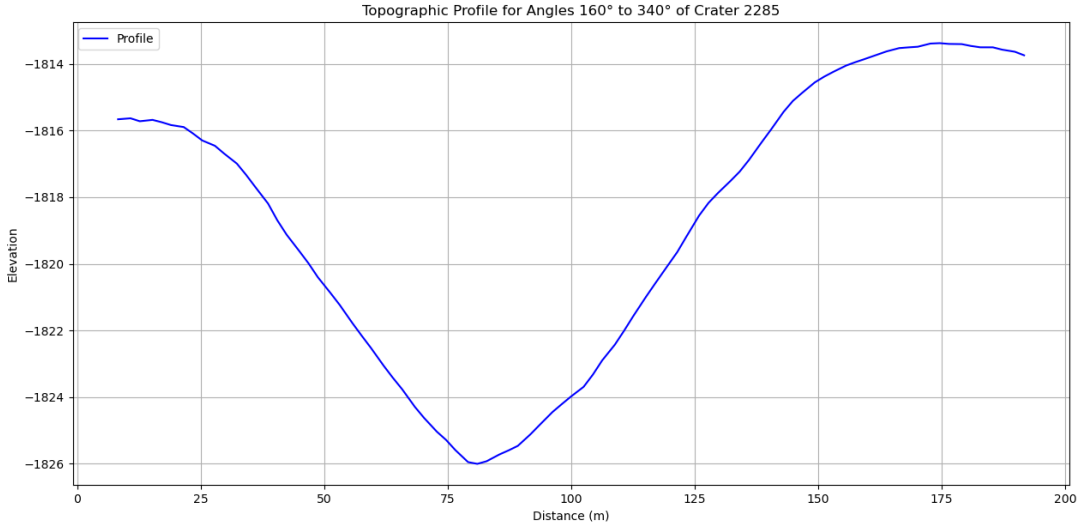

Topographic Profile for Angles 110° to 290° of Crater 2285
Profile
Elevation
−1814
−1816
−1818
−1820
−1822
−1824
−1826
25
50
75
100
125
150
175
200
Distance (m)

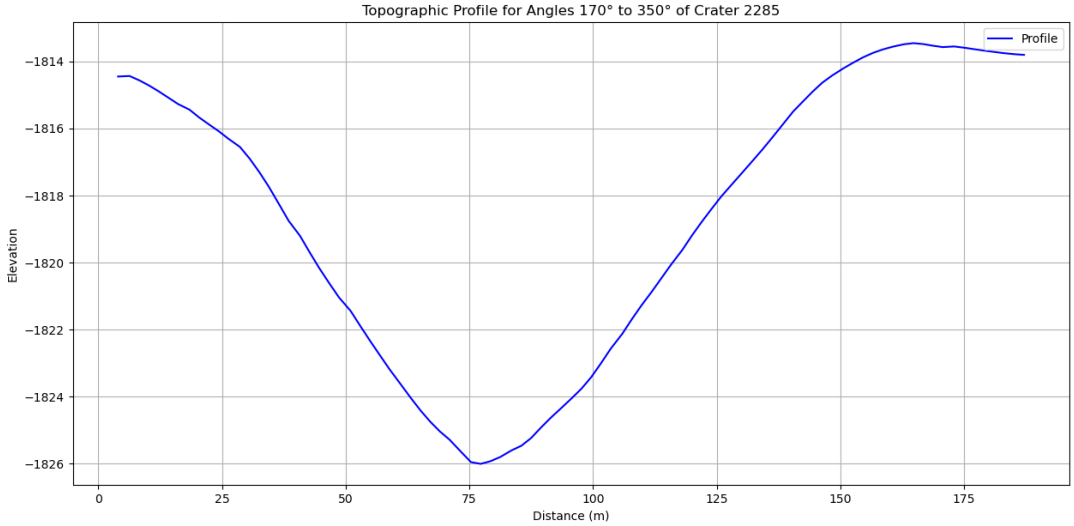

Topographic Profile for Angles 120° to 300° of Crater 2285
Profile
Elevation
−1814
−1816
−1818
−1820
−1822
−1824
−1826
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 2285
Profile
Elevation
Distance (m)
−1814
−1816
−1818
−1820
−1822
−1824
−1826
50
75
100
125
150
175
200
225


Topographic Profile for Angles 140° to 320° of Crater 2285
Profile
Elevation
Distance (m)
−1814
−1816
−1818
−1820
−1822
−1824
−1826
25
50
75
100
125
150
175
200


Topographic Profile for Angles 150° to 330° of Crater 2285
Profile
Elevation
Distance (m)
−1814
−1816
−1818
−1820
−1822
−1824
−1826
25
50
75
100
125
150
175
200


Topographic Profile for Angles 160° to 340° of Crater 2285
Profile
Elevation
Distance (m)
−1814
−1816
−1818
−1820
−1822
−1824
−1826
0
25
50
75
100
125
150
175
200


Topographic Profile for Angles 170° to 350° of Crater 2285
Profile
Elevation
−1814
−1816
−1818
−1820
−1822
−1824
−1826
0
25
50
75
100
125
150
175
Distance (m)