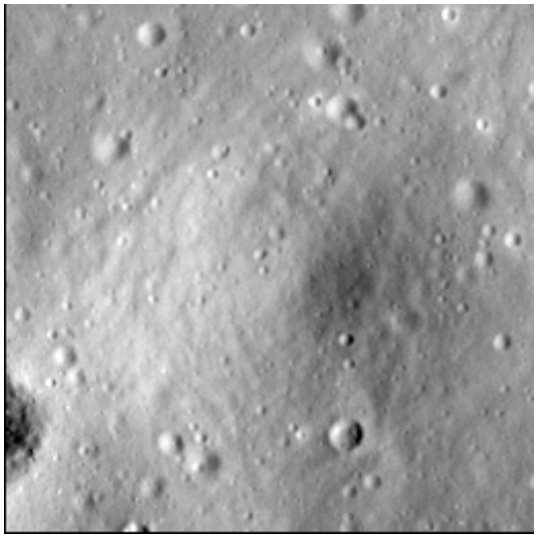
Crater report 2302 of RG2

General information



ID : 2302

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 141m ± 8.0m

Mean depht : 7.9m ± 0.4m

d/D ratio : 0.056 ± 0.004

Circularity index : 0.91

Slope : Between 5.98° et 10.15°

Mean value of TRI on the rim crest : 0.14

Geometric center coordinates : (3656191.7143253963, 218333.63463158987)

Coordinates of the crater's lowest point : (3656199.0000011004, 218329.00000006438)

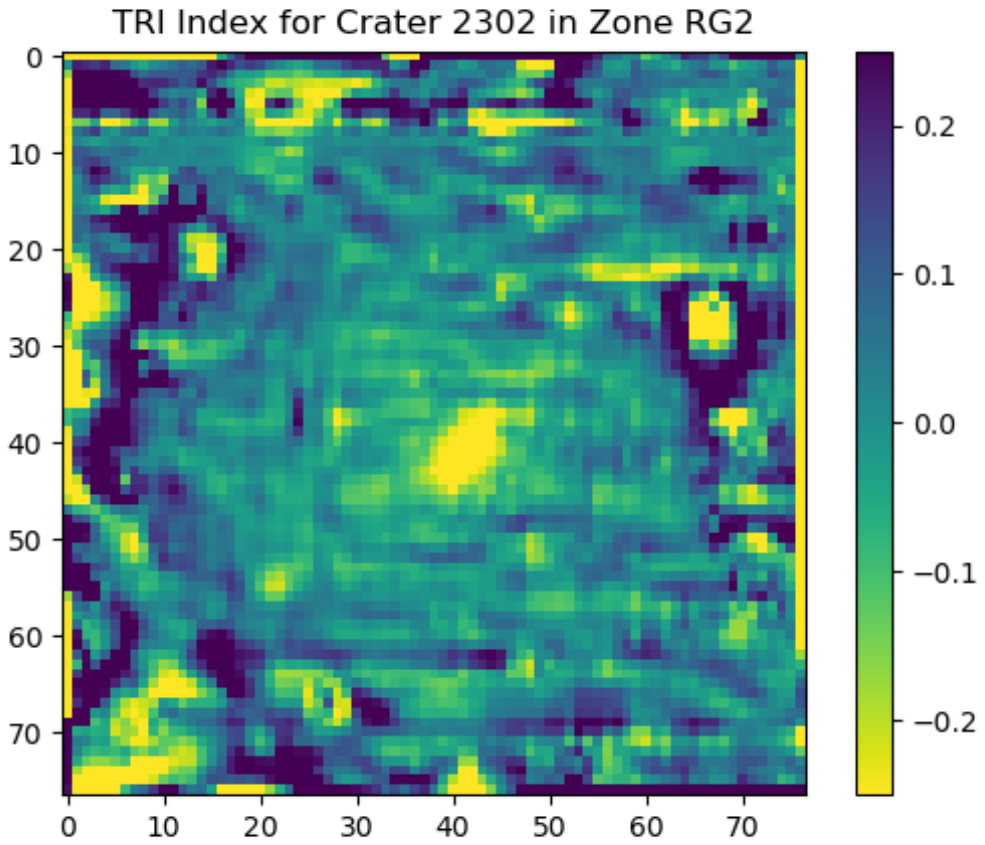
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	8.01	0.57
10°	7.43	0.54
20°	6.45	0.52
30°	6.53	0.49
40°	5.98	0.43
50°	6.97	0.44
60°	7.01	0.46
70°	6.86	0.51
80°	7.43	0.54
90°	8.16	0.57
100°	7.62	0.55
110°	7.23	0.51

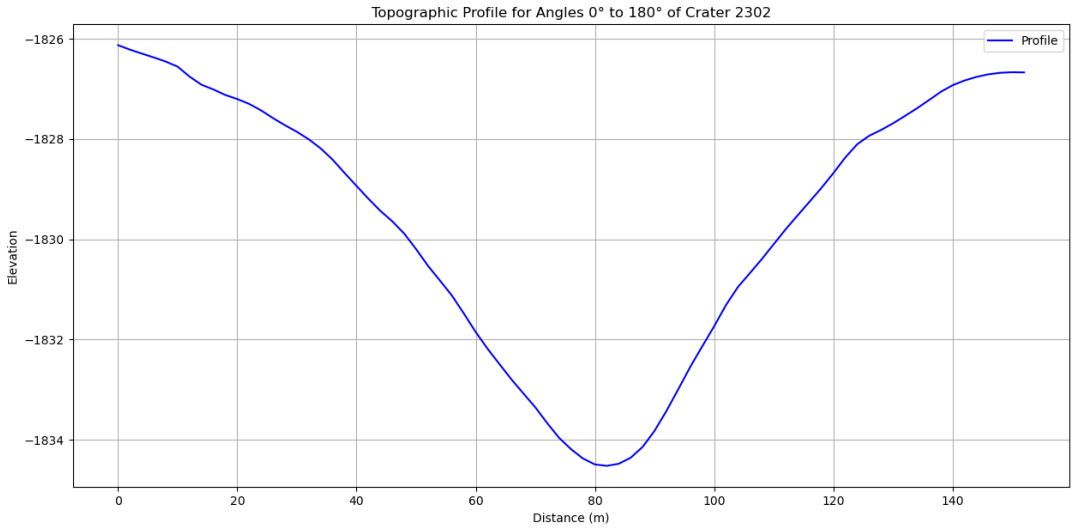
120°	7.65	0.48
130°	7.7	0.43
140°	7.9	0.43
150°	7.91	0.48
160°	7.75	0.52
170°	8.51	0.54
180°	9.36	0.57
190°	8.52	0.54
200°	7.96	0.52
210°	7.98	0.48
220°	8.62	0.43
230°	8.22	0.43
240°	8.14	0.48
250°	8.76	0.51
260°	8.99	0.54
270°	9.6	0.57
280°	9.36	0.54
290°	9.62	0.52
300°	9.73	0.49
310°	10.15	0.43
320°	9.38	0.43
330°	8.36	0.48
340°	8.31	0.52
350°	7.74	0.54

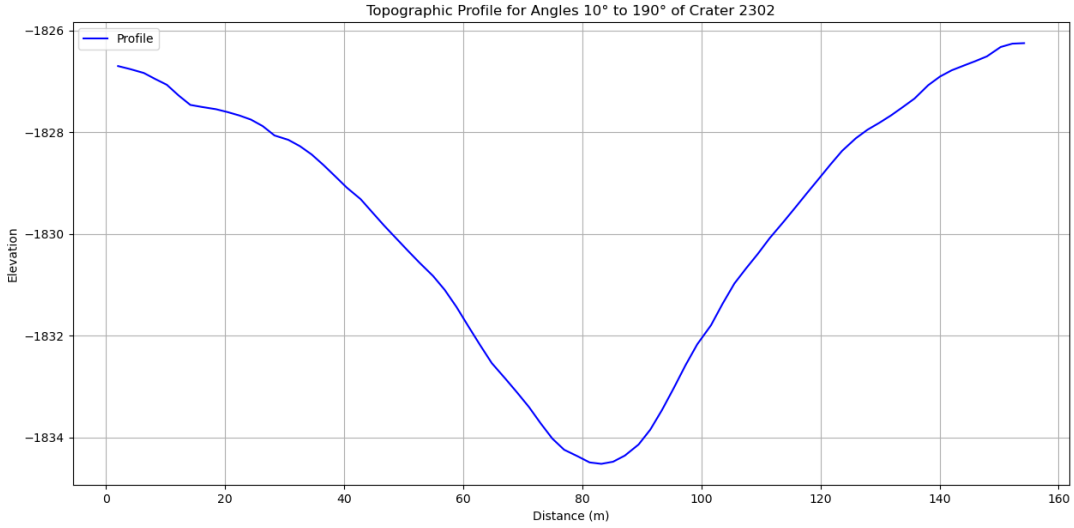
Topographic roughness index (TRI)

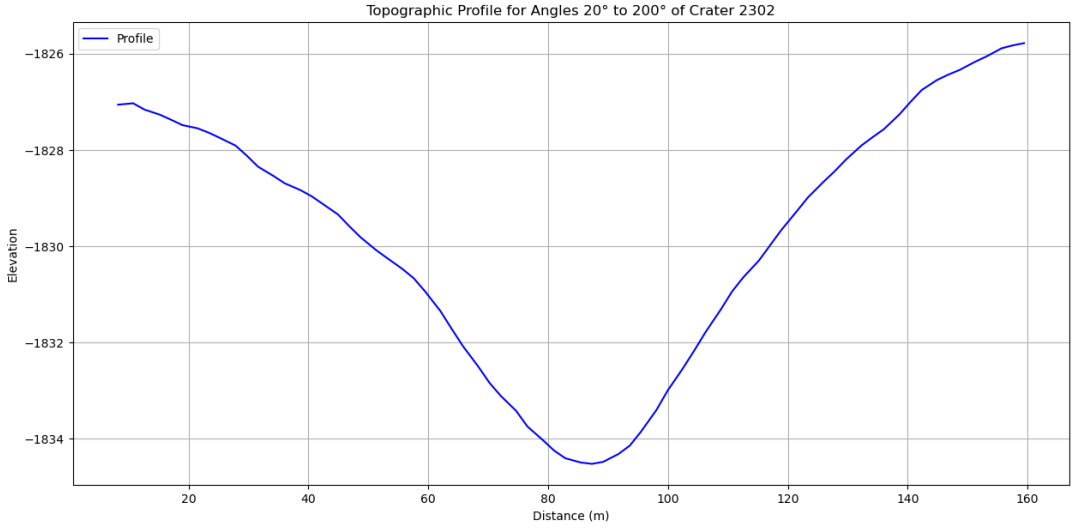
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

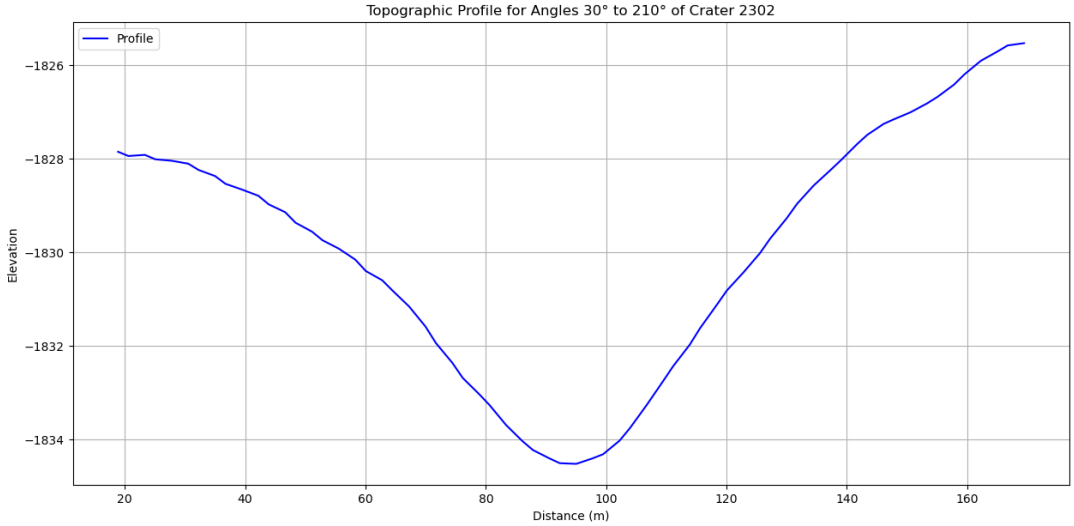


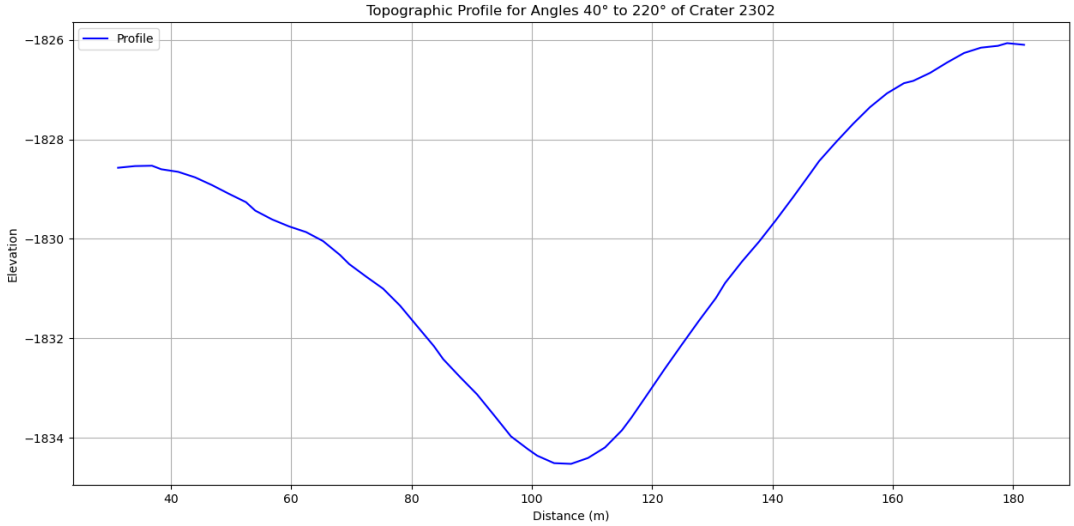
Topographic profiles

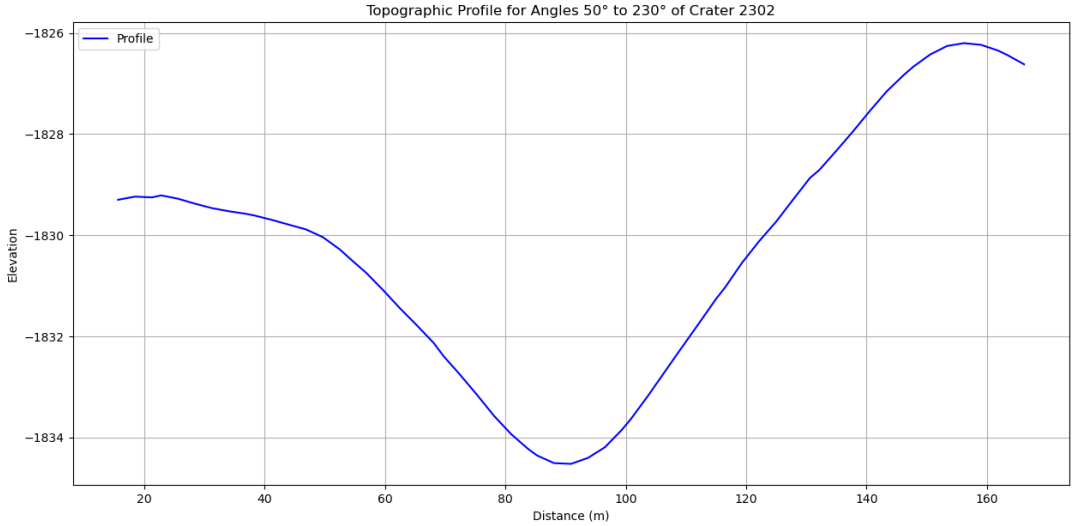


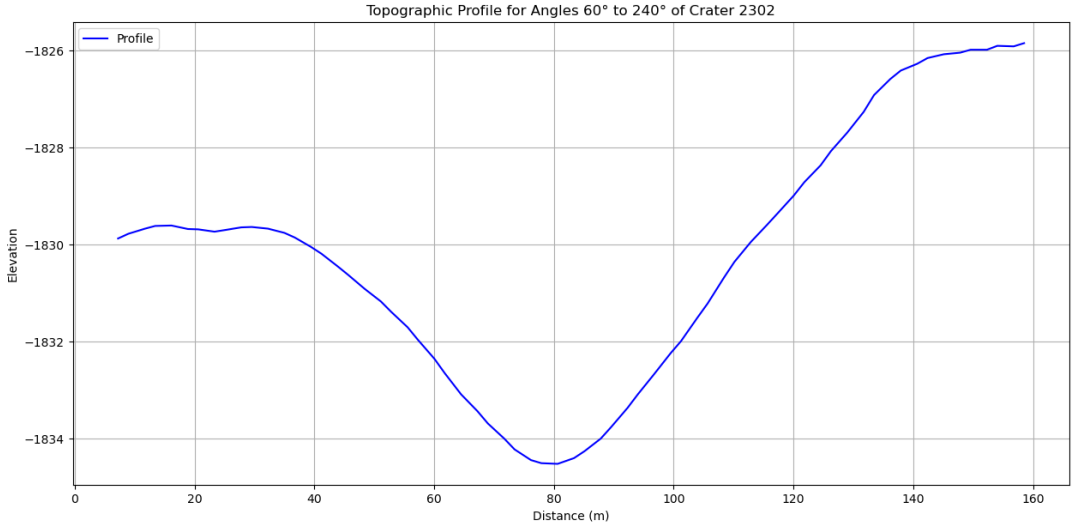

Topographic Profile for Angles 10° to 190° of Crater 2302
Profile
Elevation
Distance (m)
−1826
−1828
−1830
−1832
−1834
0
20
40
60
80
100
120
140
160


Topographic Profile for Angles 20° to 200° of Crater 2302
Profile
Elevation
Distance (m)
−1826
−1828
−1830
−1832
−1834
20
40
60
80
100
120
140
160


Topographic Profile for Angles 30° to 210° of Crater 2302
Profile
Elevation
Distance (m)
−1826
−1828
−1830
−1832
−1834
20
40
60
80
100
120
140
160


Topographic Profile for Angles 40° to 220° of Crater 2302
Profile
Elevation
Distance (m)
−1826
−1828
−1830
−1832
−1834
40
60
80
100
120
140
160
180


Topographic Profile for Angles 50° to 230° of Crater 2302
Profile
Elevation
Distance (m)
−1826
−1828
−1830
−1832
−1834
20
40
60
80
100
120
140
160


Topographic Profile for Angles 60° to 240° of Crater 2302
Profile
Elevation
Distance (m)
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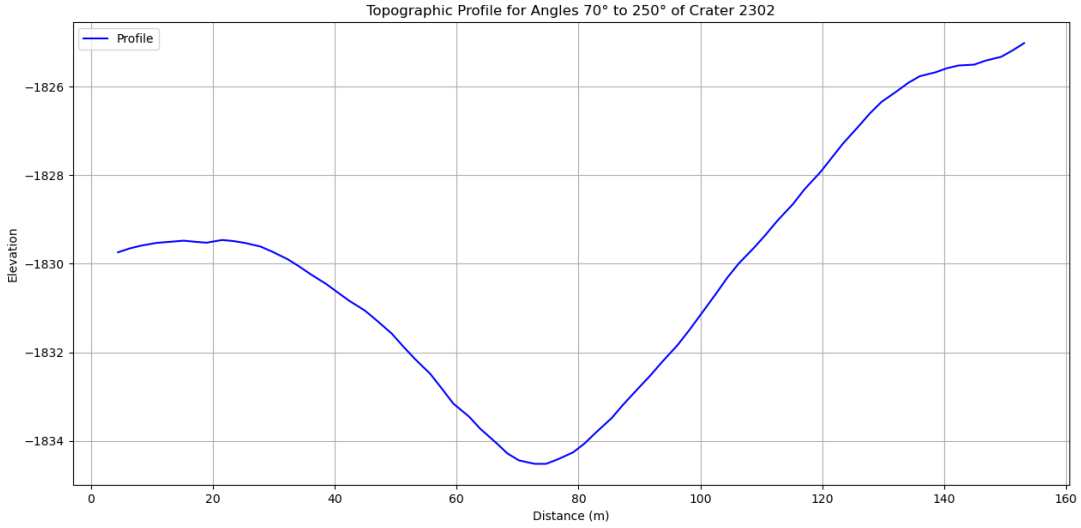
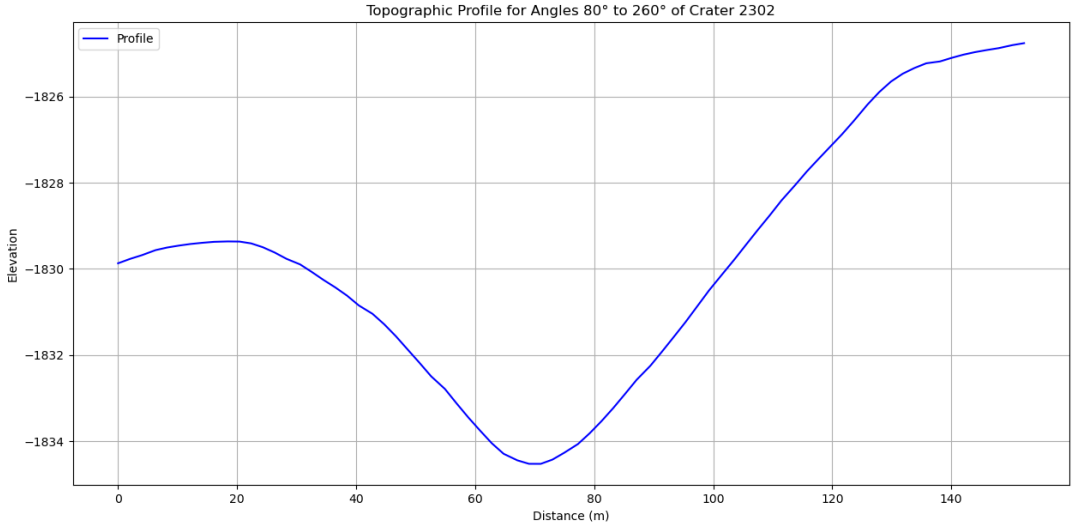
−1828
−1830
−1832
−1834
0
20
40
60
80
100
120
140
160


Topographic Profile for Angles 70° to 250° of Crater 2302
Profile
Elevation
−1826
−1828
−1830
−1832
−1834
0
20
40
60
80
100
120
140
160
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 2302
Profile
Elevation
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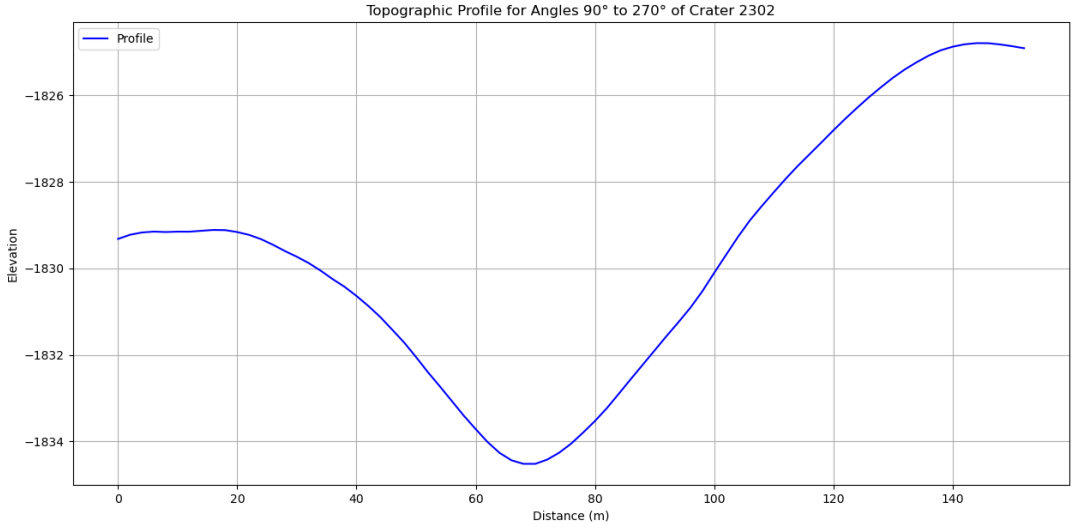
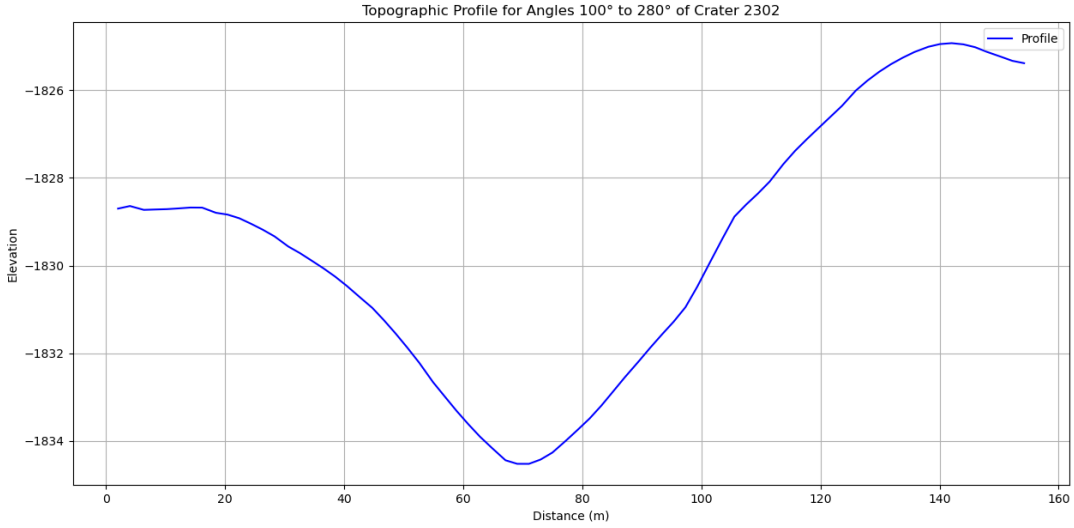
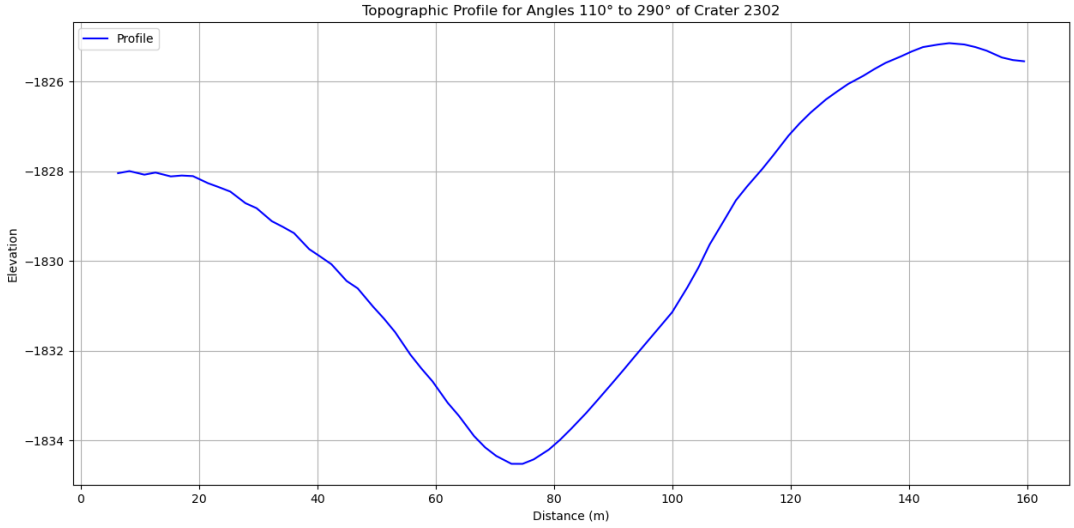
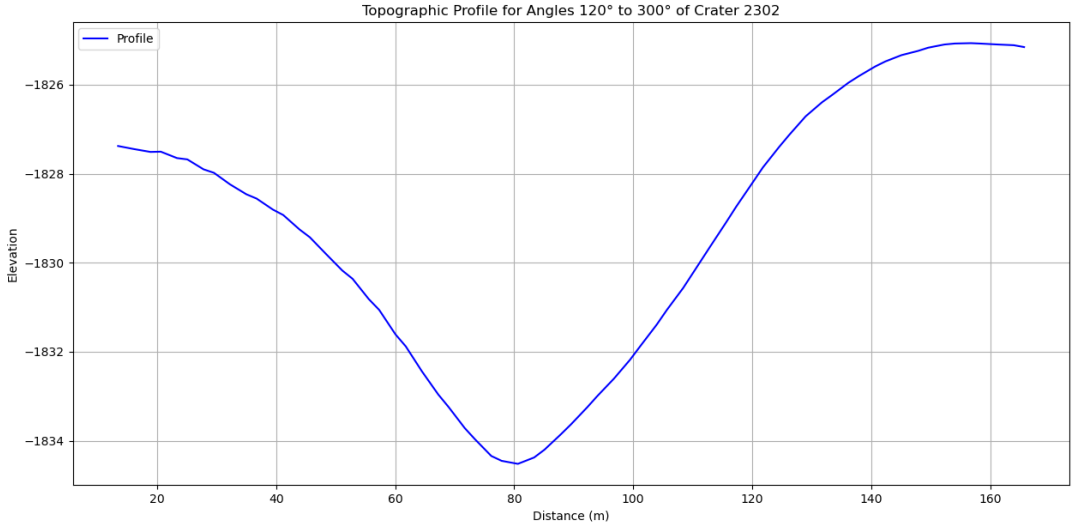
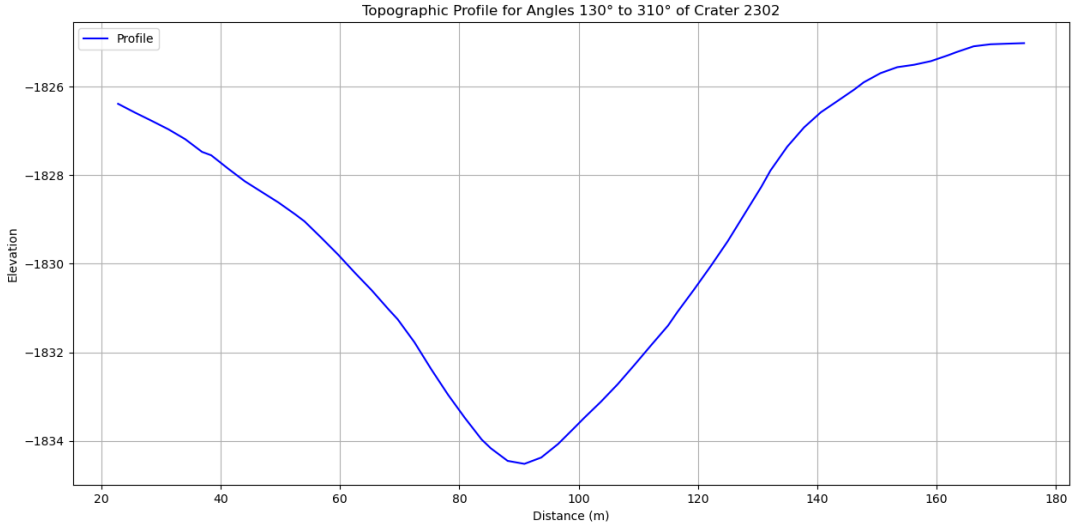
−1828
−1830
−1832
−1834
0
20
40
60
80
100
120
140
Distance (m)

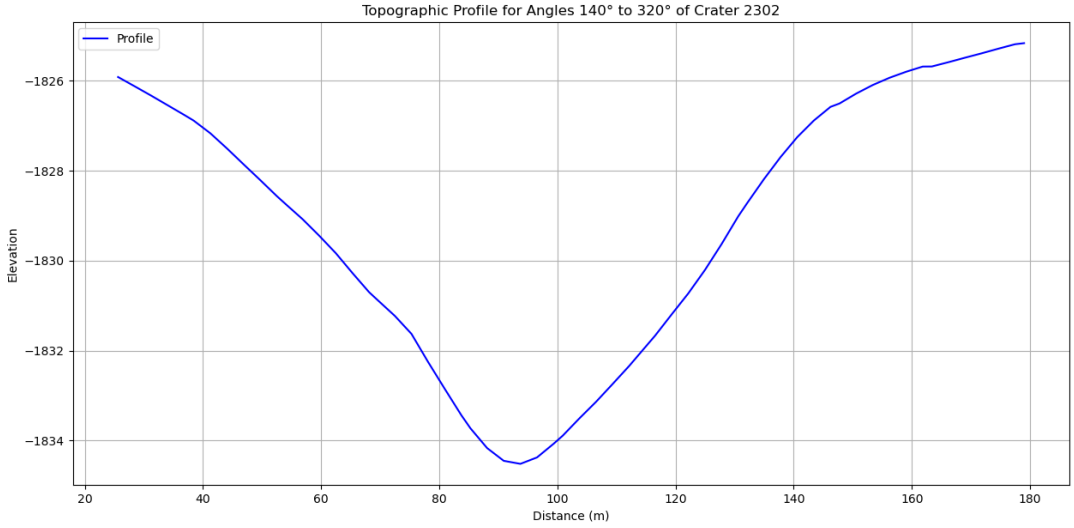

Topographic Profile for Angles 90° to 270° of Crater 2302
Profile
Elevation
−1826
−1828
−1830
−1832
−1834
0
20
40
60
80
100
120
140
Distance (m)

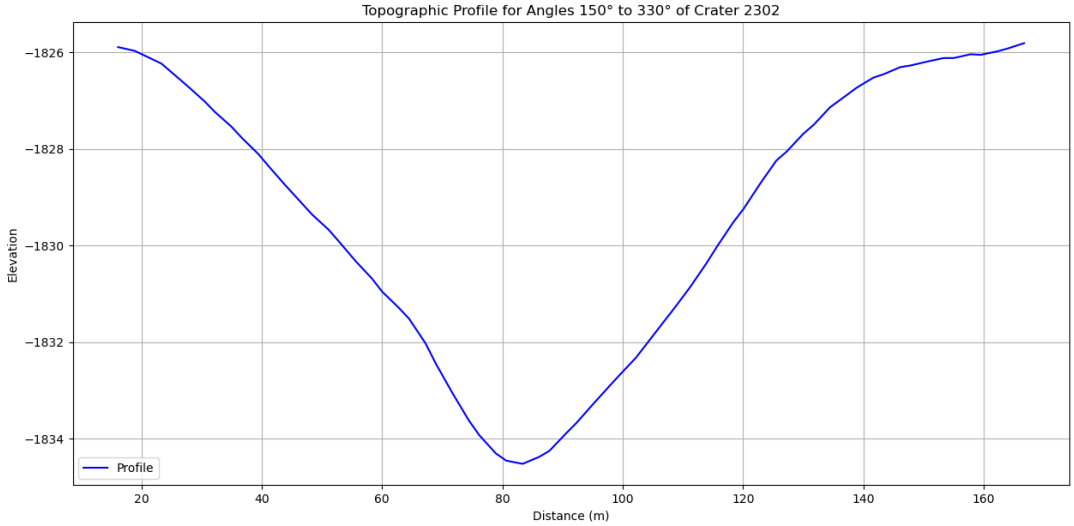

Topographic Profile for Angles 100° to 280° of Crater 2302
Profile
Elevation
−1826
−1828
−1830
−1832
−1834
0
20
40
60
80
100
120
140
160
Distance (m)

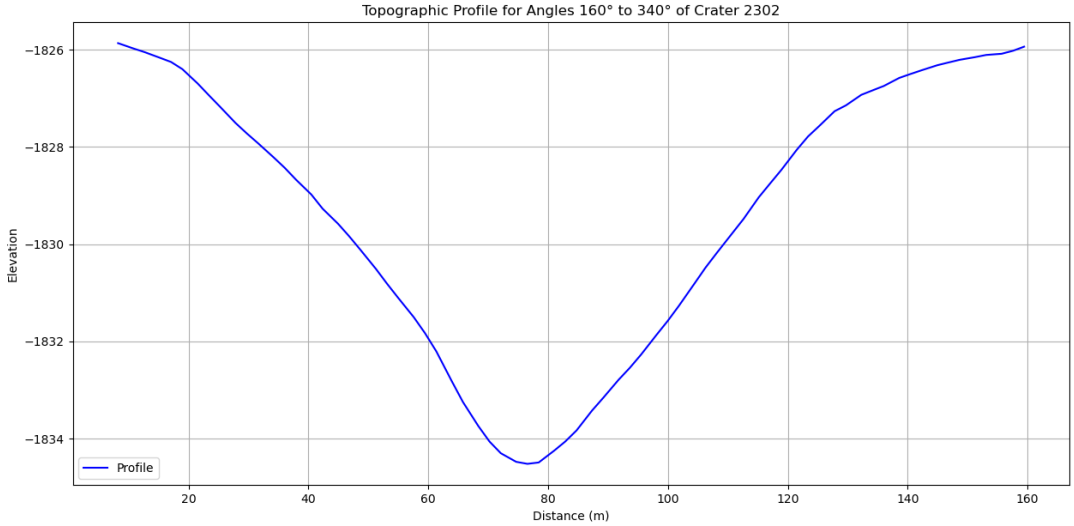

Topographic Profile for Angles 110° to 290° of Crater 2302
Profile
Elevation
−1826
−1828
−1830
−1832
−1834
0
20
40
60
80
100
120
140
160
Distance (m)

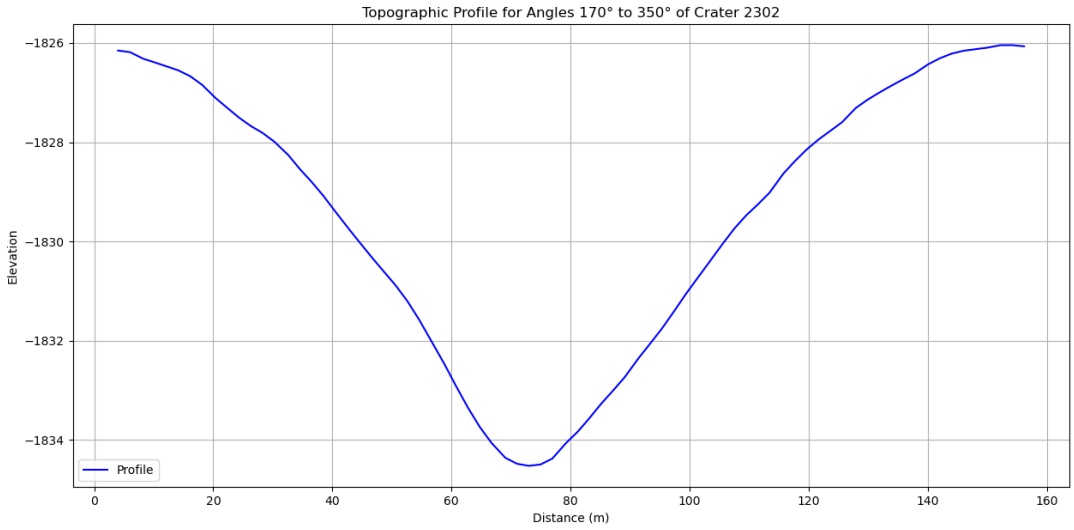

Topographic Profile for Angles 120° to 300° of Crater 2302
Profile
Elevation
−1826
−1828
−1830
−1832
−1834
20
40
60
80
100
120
140
160
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 2302
Profile
Elevation
−1826
−1828
−1830
−1832
−1834
20
40
60
80
100
120
140
160
180
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2302
Profile
Elevation
−1826
−1828
−1830
−1832
−1834
20
40
60
80
100
120
140
160
180
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2302
Elevation
−1826
−1828
−1830
−1832
−1834
Profile
20
40
60
80
100
120
140
160
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 2302
Elevation
−1826
−1828
−1830
−1832
−1834
Profile
20
40
60
80
100
120
140
160
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 2302
Elevation
Distance (m)
Profile
−1826
−1828
−1830
−1832
−1834
0
20
40
60
80
100
120
140
160