Crater report 2941 of RG2

General information

ID : 2941

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 154m ± 7.0m

Mean depht : 10.0m ± 0.3m

d/D ratio : 0.065 ± 0.004

Circularity index : 0.92

Mean slope : 8.87°

Mean value of TRI on the rim crest : 0.11

Geometric center coordinates : (3657153.886681416, 213583.77083358204)

Coordinates of the crater's lowest point : (3657163.0000011004, 213583.00000006295)

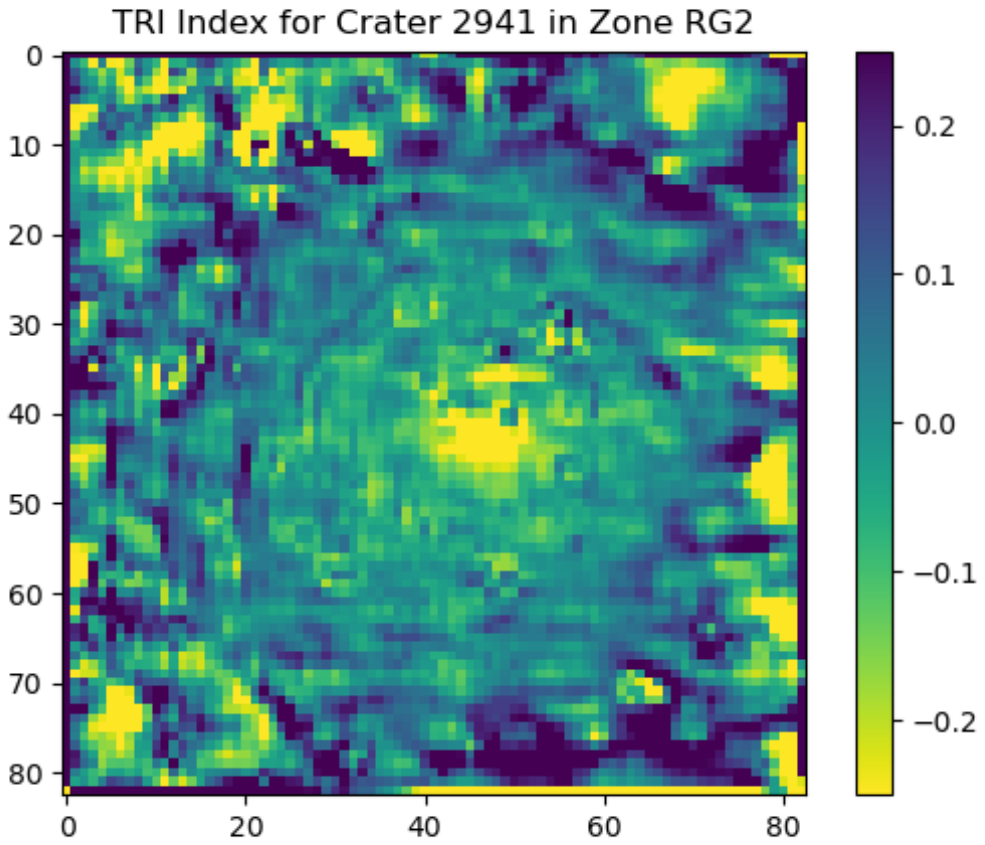
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	10.23	0.57
10°	9.68	0.54
20°	9.71	0.52
30°	9.91	0.48
40°	10.18	0.43
50°	9.57	0.43
60°	8.55	0.48
70°	8.52	0.51
80°	8.15	0.55
90°	8.36	0.57
100°	8.2	0.55
110°	8.25	0.52

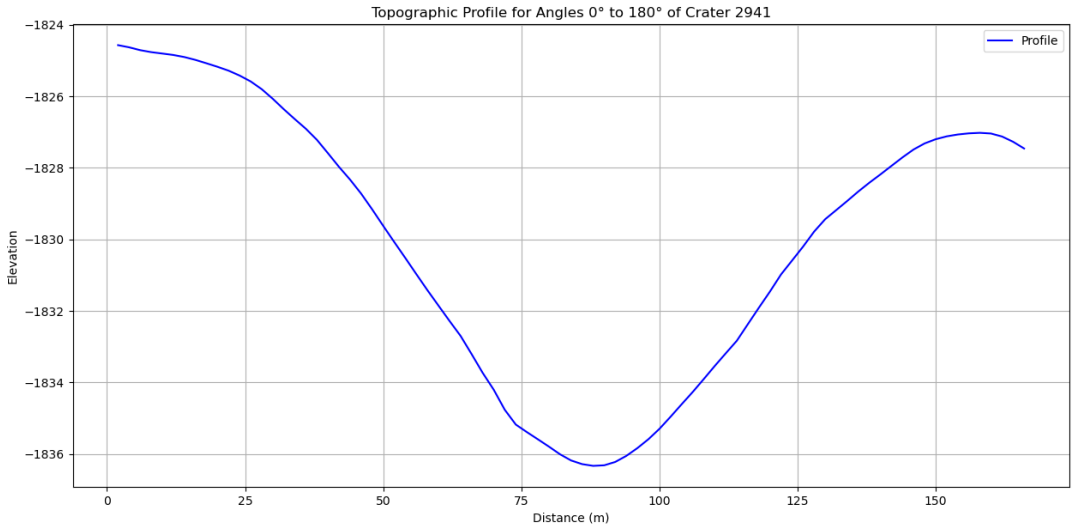
120°	8.48	0.47
130°	8.98	0.44
140°	9.02	0.43
150°	8.49	0.48
160°	8.63	0.51
170°	8.92	0.54
180°	9.12	0.57
190°	8.48	0.55
200°	8.43	0.51
210°	8.37	0.48
220°	8.6	0.43
230°	8.32	0.43
240°	7.89	0.48
250°	8.13	0.51
260°	8.66	0.54
270°	9.12	0.57
280°	8.76	0.54
290°	8.54	0.52
300°	8.69	0.48
310°	9.23	0.43
320°	9.39	0.43
330°	9.1	0.48
340°	9.08	0.52
350°	9.62	0.54

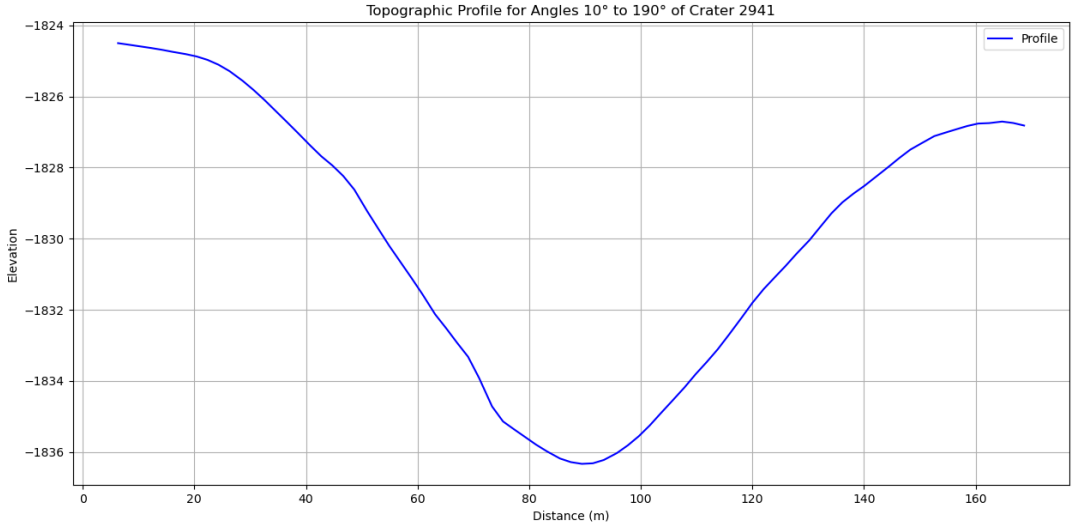
Topographic roughness index (TRI)

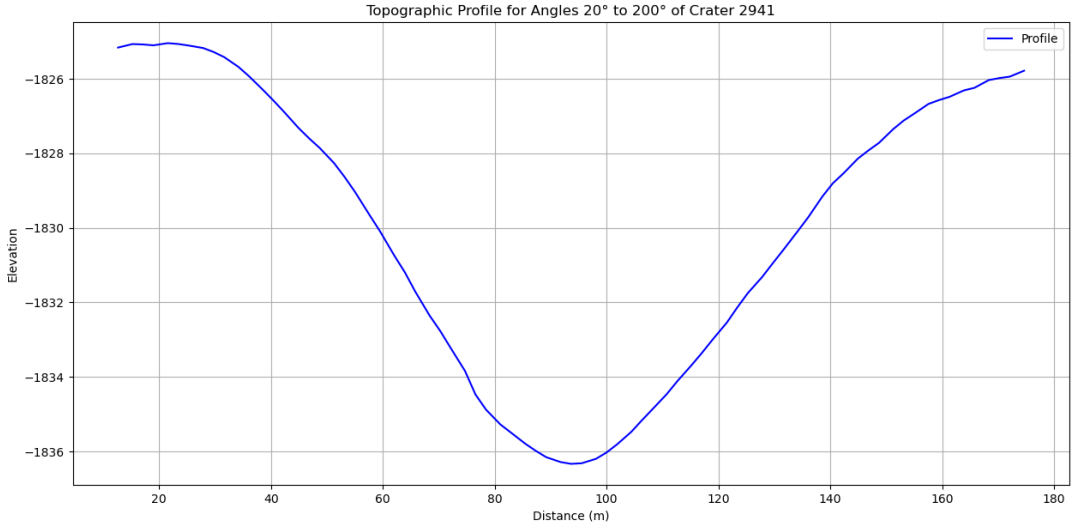
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

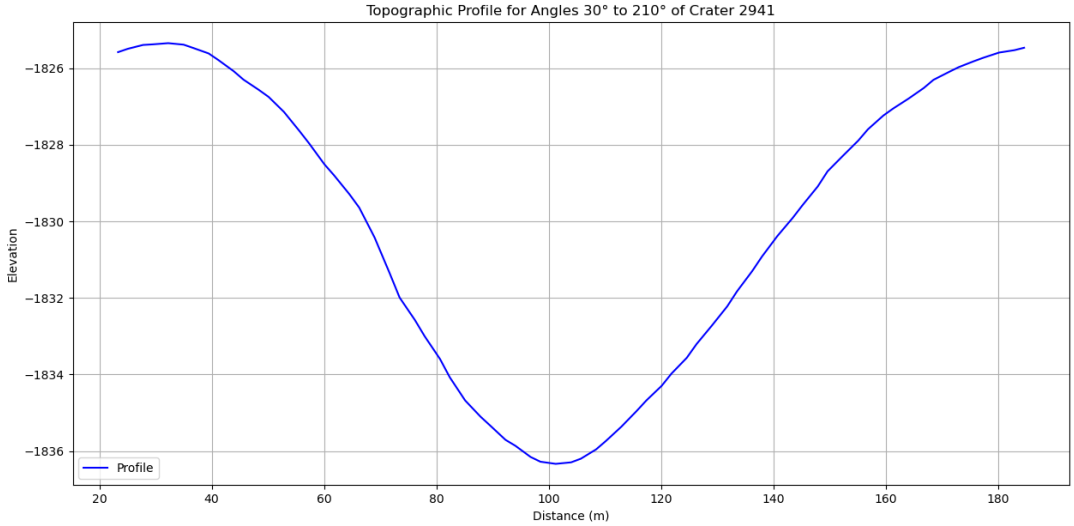


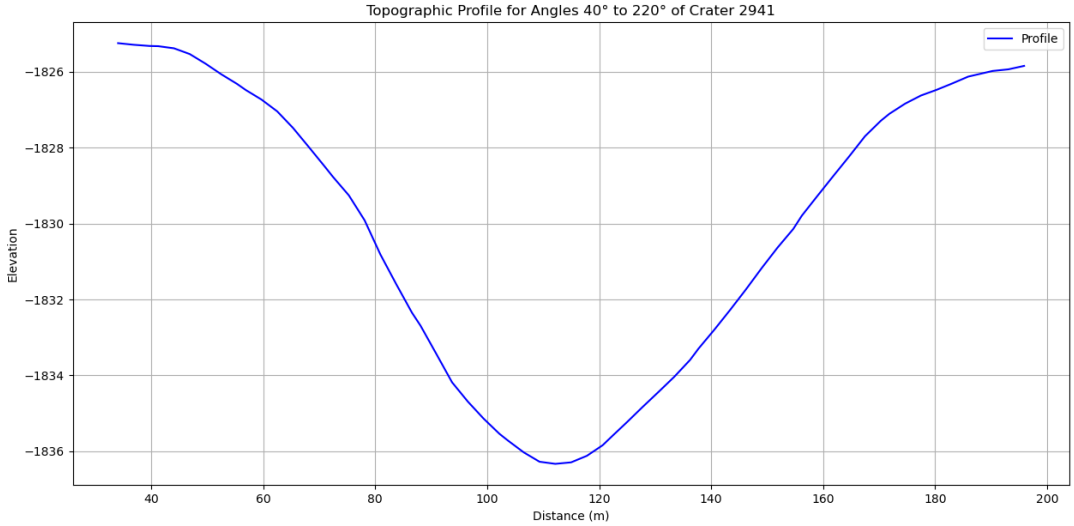
Topographic profiles

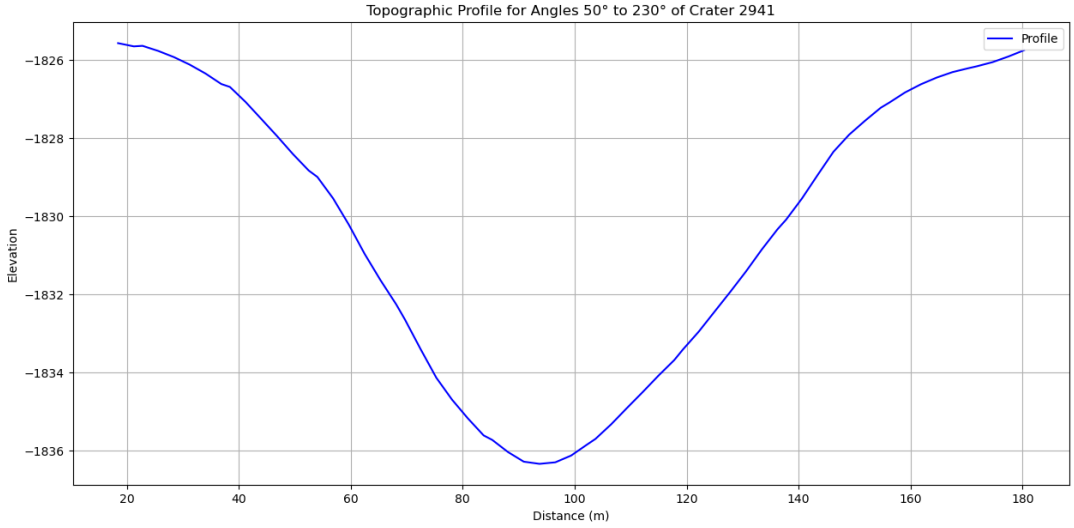


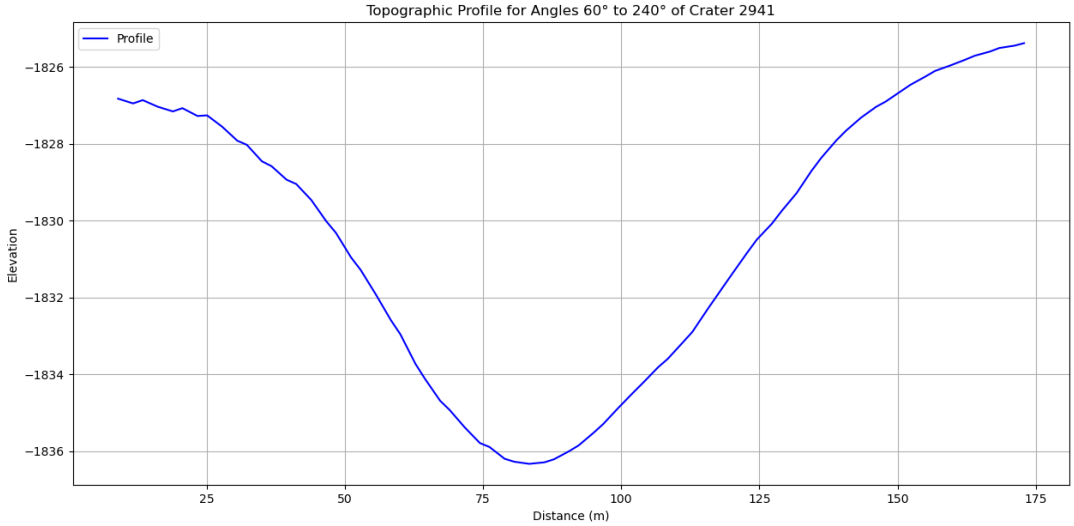

Topographic Profile for Angles 10° to 190° of Crater 2941
Profile
Elevation
Distance (m)
−1824
−1826
−1828
−1830
−1832
−1834
−1836
0
20
40
60
80
100
120
140
160

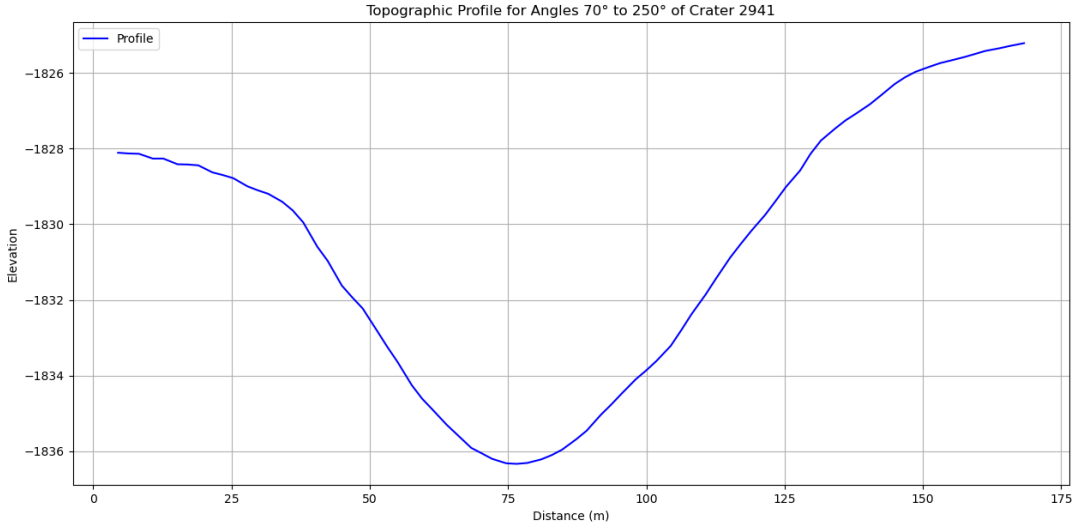

Topographic Profile for Angles 20° to 200° of Crater 2941
Profile
Elevation
Distance (m)
−1826
−1828
−1830
−1832
−1834
−1836
20
40
60
80
100
120
140
160
180

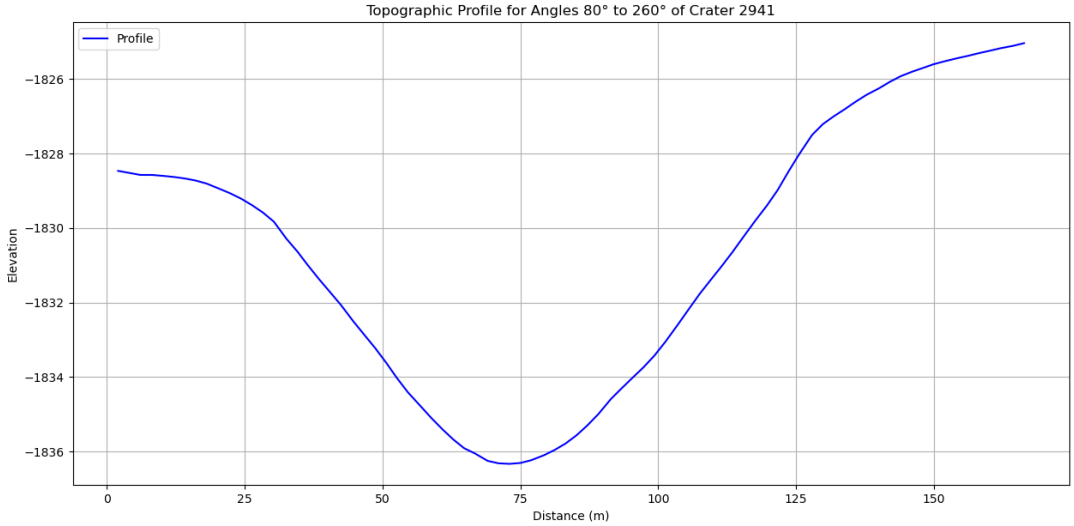

Topographic Profile for Angles 30° to 210° of Crater 2941
Elevation
Distance (m)
Profile
−1826
−1828
−1830
−1832
−1834
−1836
20
40
60
80
100
120
140
160
180


Topographic Profile for Angles 40° to 220° of Crater 2941
Elevation
Distance (m)
Profile
−1826
−1828
−1830
−1832
−1834
−1836
40
60
80
100
120
140
160
180
200


Topographic Profile for Angles 50° to 230° of Crater 2941
Profile
Elevation
Distance (m)
−1826
−1828
−1830
−1832
−1834
−1836
20
40
60
80
100
120
140
160
180


Topographic Profile for Angles 60° to 240° of Crater 2941
Profile
Elevation
Distance (m)
−1826
−1828
−1830
−1832
−1834
−1836
25
50
75
100
125
150
175


Topographic Profile for Angles 70° to 250° of Crater 2941
Profile
Elevation
−1826
−1828
−1830
−1832
−1834
−1836
0
25
50
75
100
125
150
175
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 2941
Profile
Elevation
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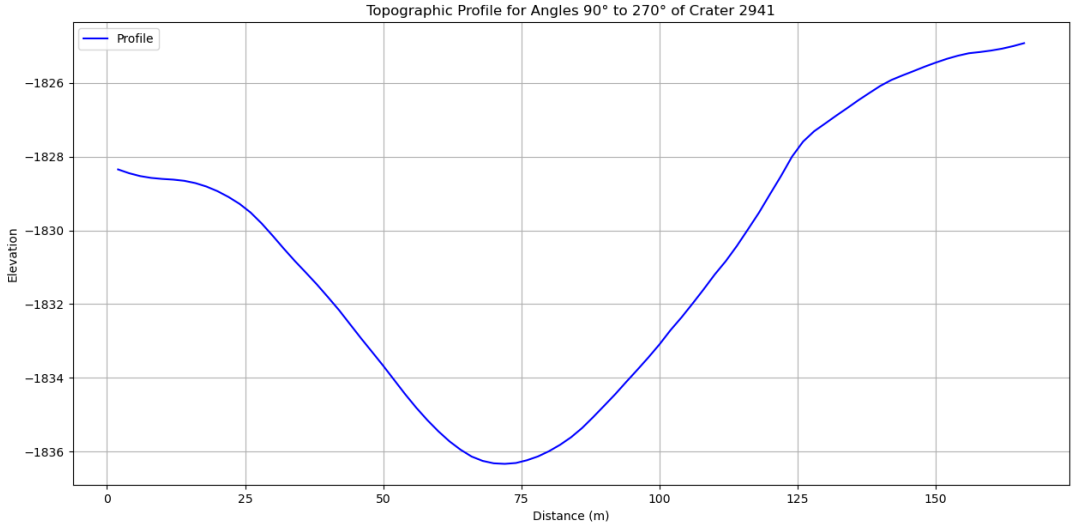
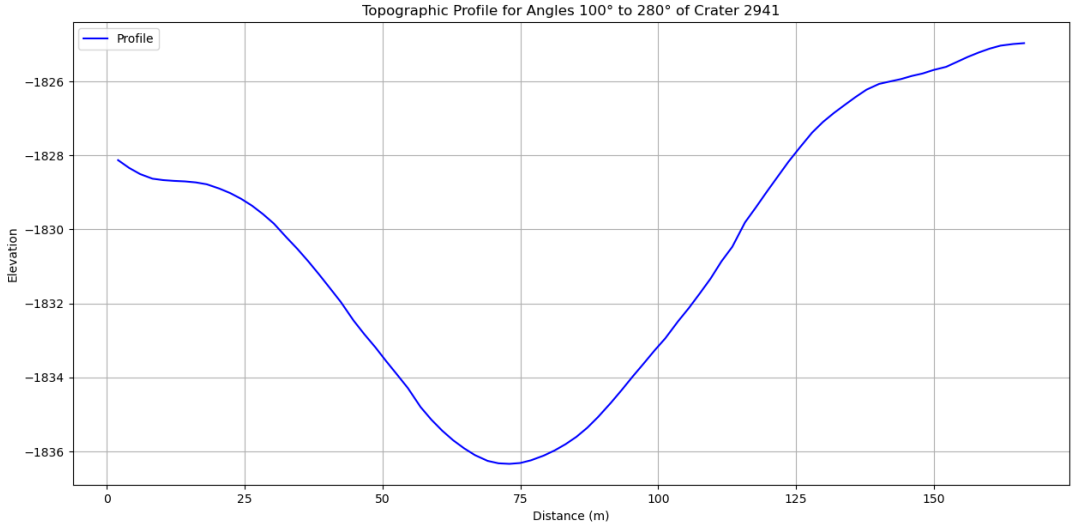
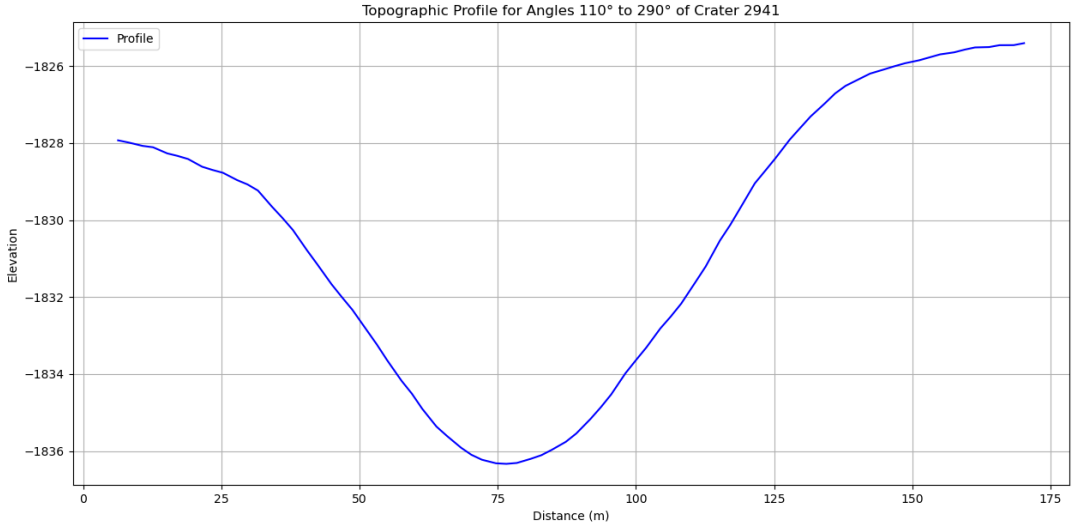
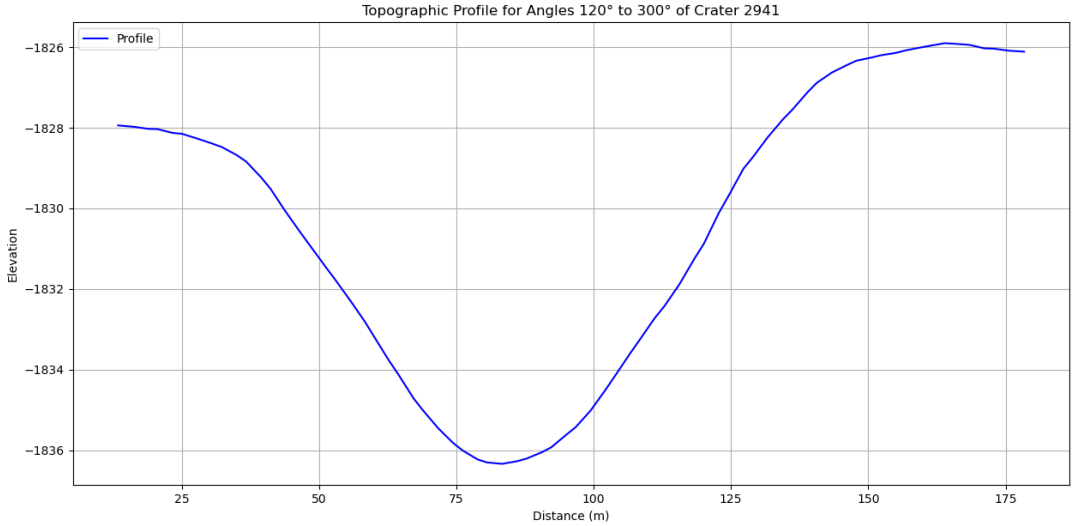
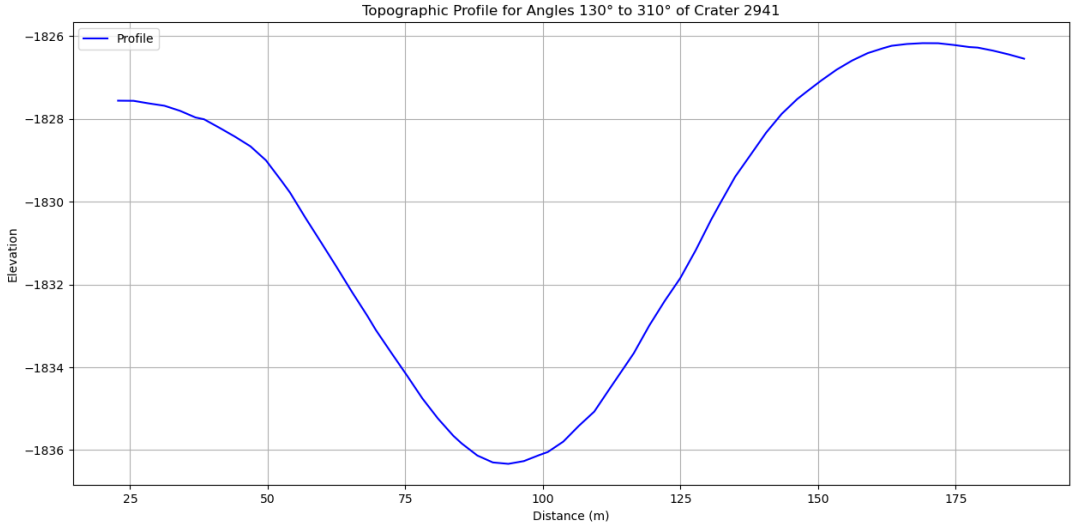
−1828
−1830
−1832
−1834
−1836
0
25
50
75
100
125
150
Distance (m)

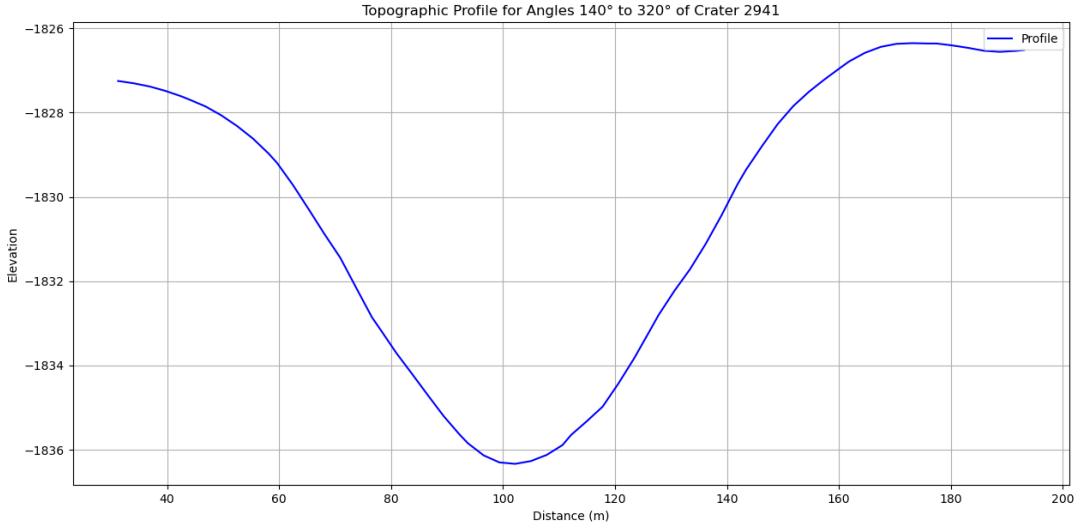

Topographic Profile for Angles 90° to 270° of Crater 2941
Profile
Elevation
−1826
−1828
−1830
−1832
−1834
−1836
0
25
50
75
100
125
150
Distance (m)

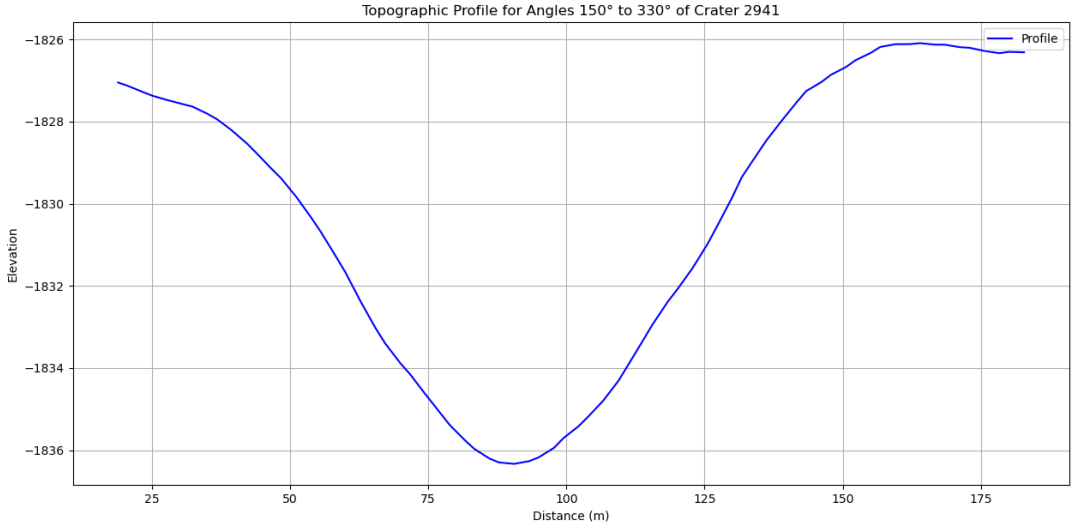

Topographic Profile for Angles 100° to 280° of Crater 2941
Profile
Elevation
−1826
−1828
−1830
−1832
−1834
−1836
0
25
50
75
100
125
150
Distance (m)

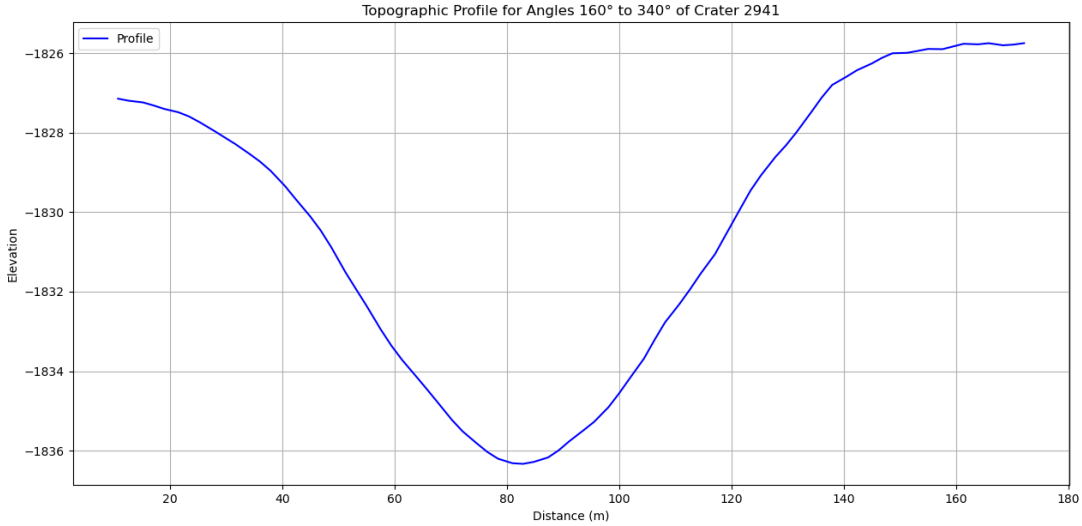

Topographic Profile for Angles 110° to 290° of Crater 2941
Profile
Elevation
Distance (m)
−1826
−1828
−1830
−1832
−1834
−1836
0
25
50
75
100
125
150
175

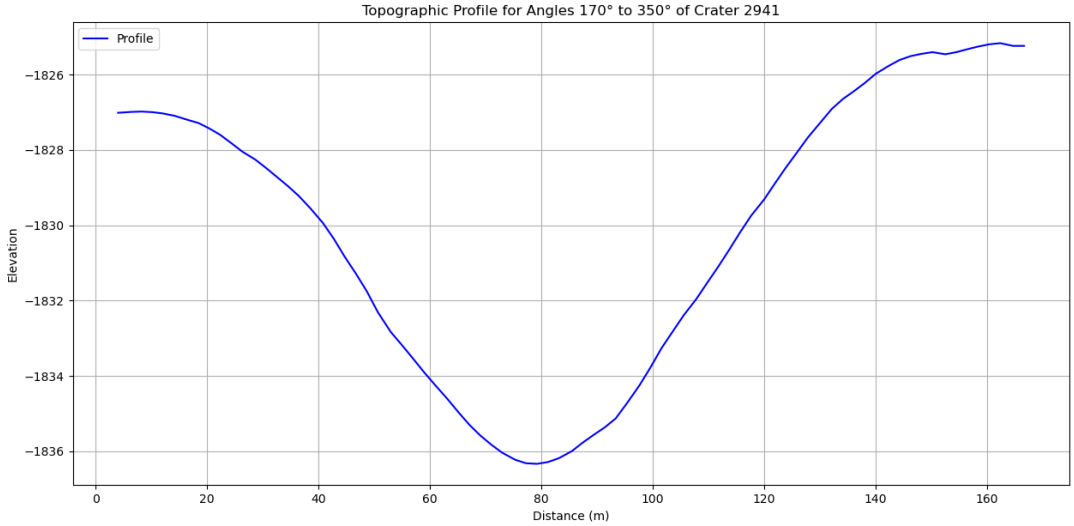

Topographic Profile for Angles 120° to 300° of Crater 2941
Profile
Elevation
Distance (m)
−1826
−1828
−1830
−1832
−1834
−1836
25
50
75
100
125
150
175


Topographic Profile for Angles 130° to 310° of Crater 2941
Profile
Elevation
−1826
−1828
−1830
−1832
−1834
−1836
25
50
75
100
125
150
175
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2941
Profile
Elevation
−1826
−1828
−1830
−1832
−1834
−1836
40
60
80
100
120
140
160
180
200
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2941
Profile
Elevation
−1826
−1828
−1830
−1832
−1834
−1836
25
50
75
100
125
150
175
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 2941
Profile
Elevation
−1826
−1828
−1830
−1832
−1834
−1836
20
40
60
80
100
120
140
160
180
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 2941
Profile
Elevation
−1826
−1828
−1830
−1832
−1834
−1836
0
20
40
60
80
100
120
140
160
Distance (m)