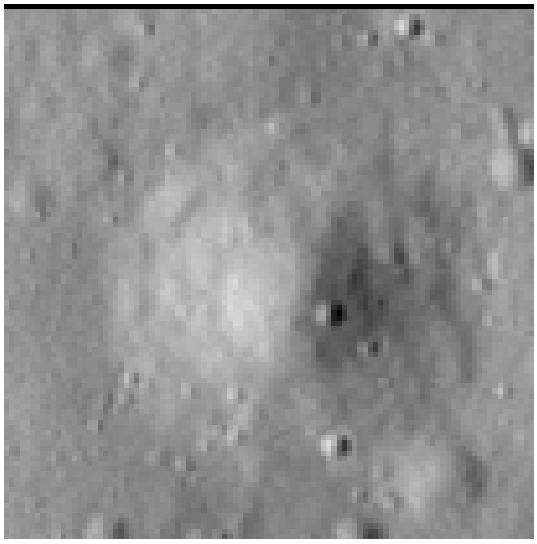
Crater report 2382 of RG2

General information



ID : 2382

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 49m ± 4.0m

Mean depht : 2.9m ± 0.3m

d/D ratio : 0.058 ± 0.007

Circularity index : 0.9

Mean slope : 8.4°

Mean value of TRI on the rim crest : 0.14

Geometric center coordinates : (3657034.138731586, 218966.5430622891)

Coordinates of the crater's lowest point : (3657035.0000011004, 218959.00000006458)

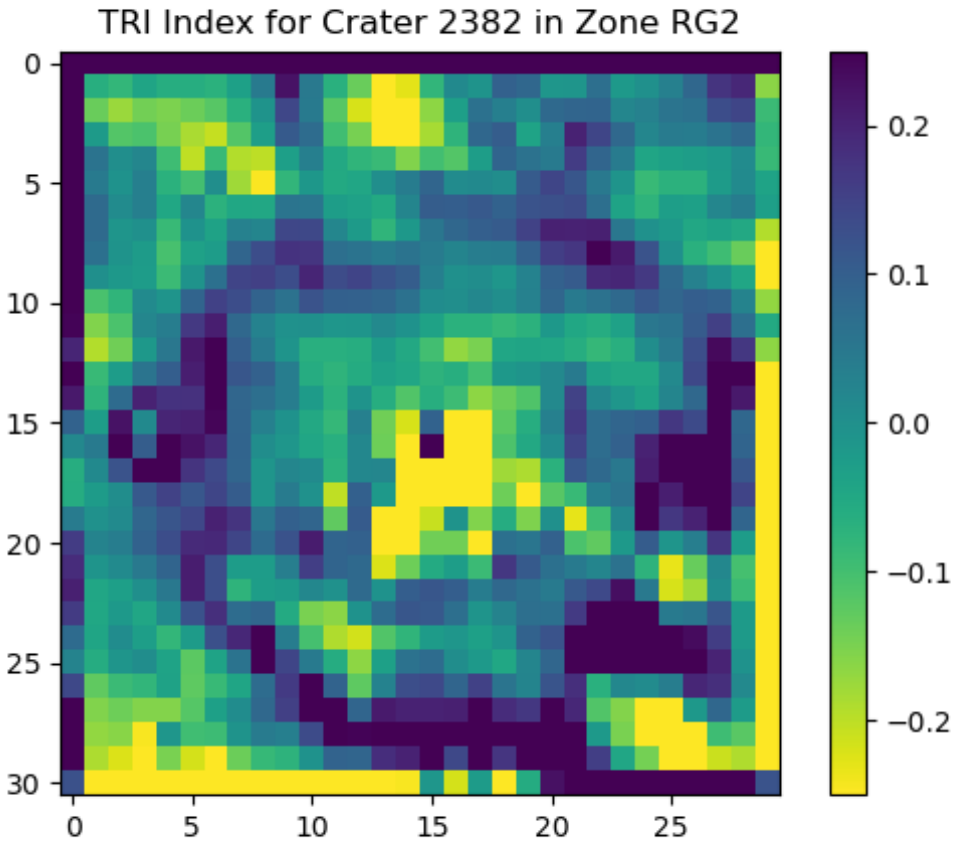
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	9.27	0.57
10°	8.75	0.54
20°	8.29	0.51
30°	8.39	0.48
40°	8.18	0.42
50°	8.07	0.43
60°	7.52	0.47
70°	7.78	0.51
80°	8.05	0.55
90°	7.95	0.57
100°	7.02	0.55
110°	6.79	0.52

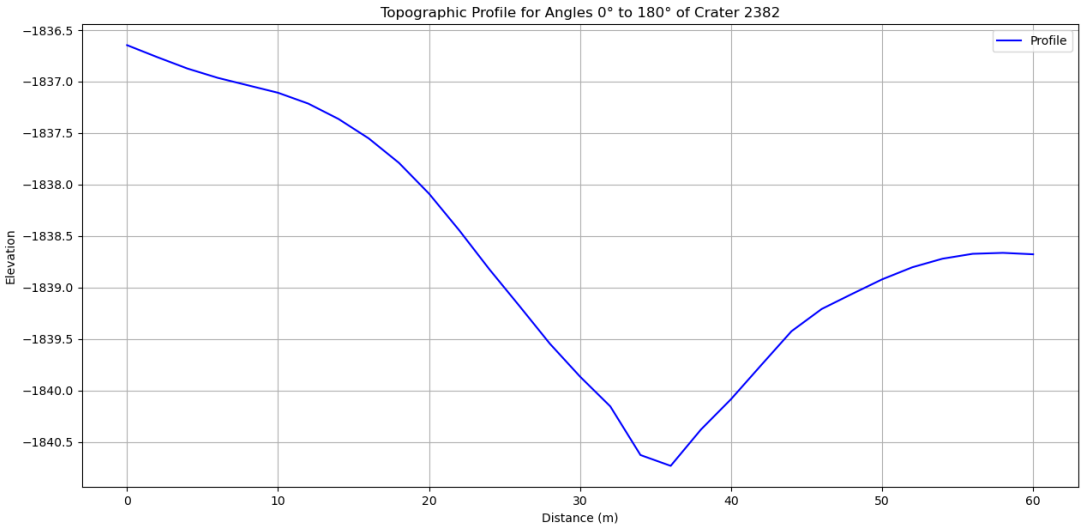
120°	7.33	0.48
130°	7.45	0.44
140°	7.51	0.44
150°	7.7	0.48
160°	7.42	0.52
170°	7.52	0.55
180°	7.91	0.57
190°	8.12	0.54
200°	7.97	0.51
210°	8.04	0.49
220°	7.91	0.45
230°	8.95	0.45
240°	8.73	0.48
250°	9.66	0.51
260°	9.74	0.55
270°	10.03	0.57
280°	9.76	0.55
290°	9.58	0.5
300°	9.72	0.48
310°	9.62	0.43
320°	9.29	0.43
330°	8.61	0.48
340°	8.66	0.5
350°	9.06	0.54

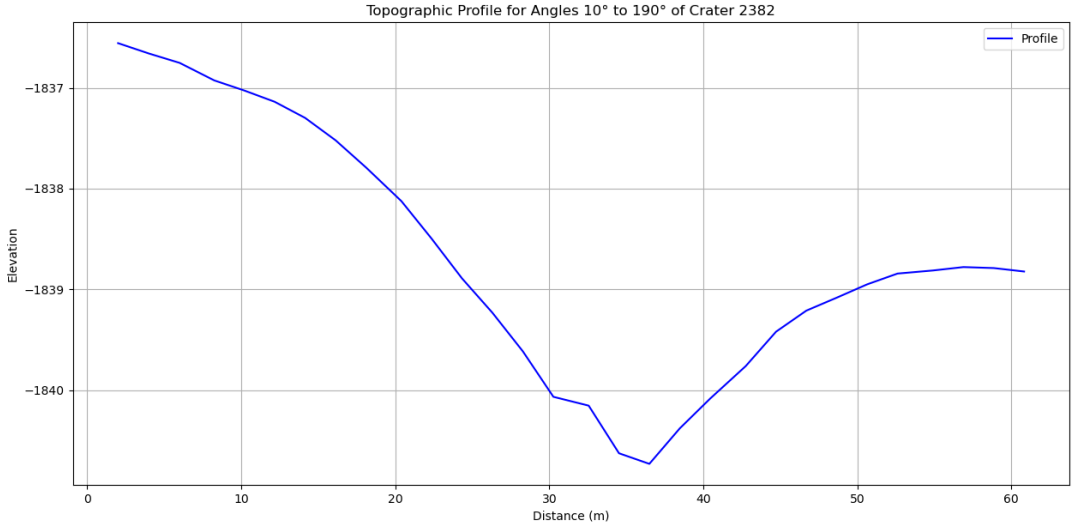
Topographic roughness index (TRI)

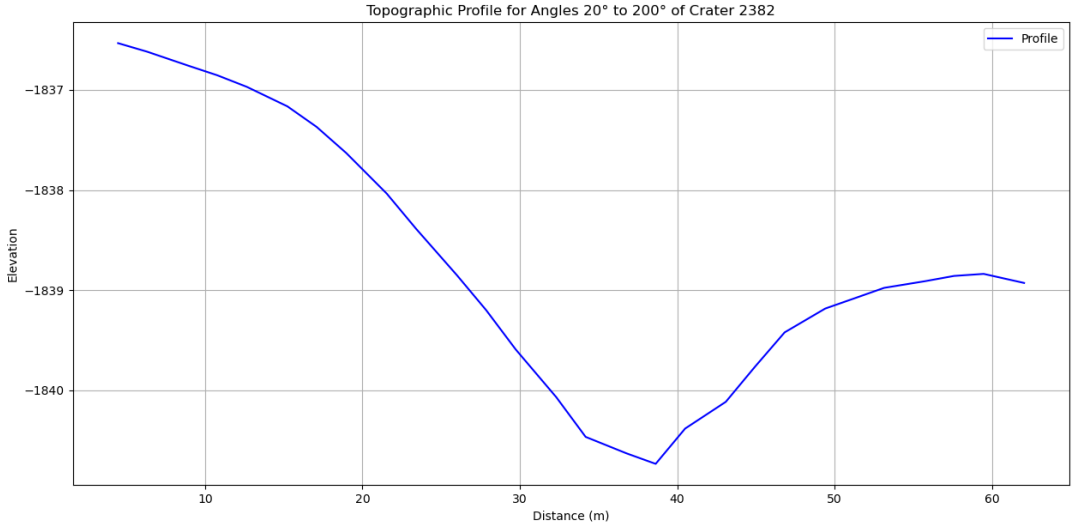
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

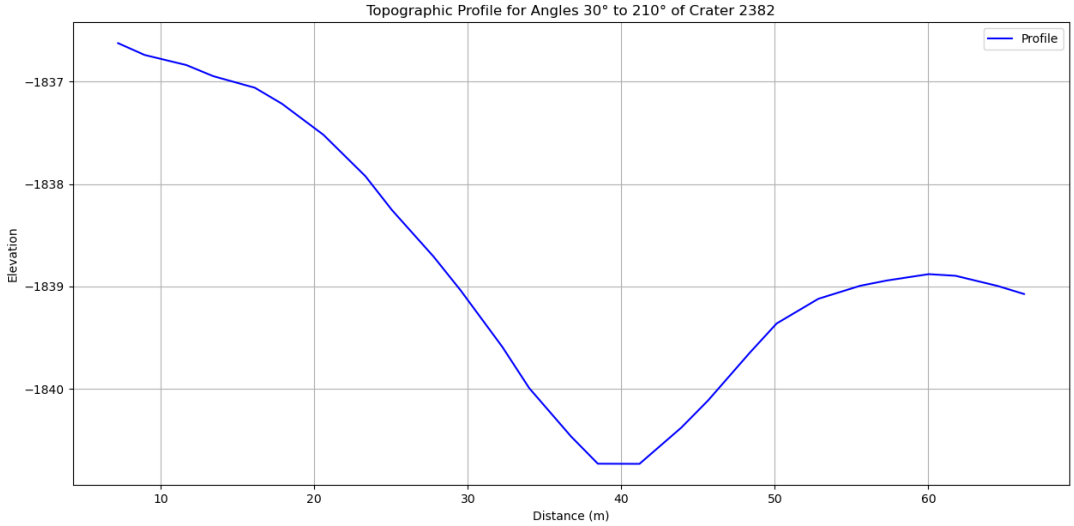


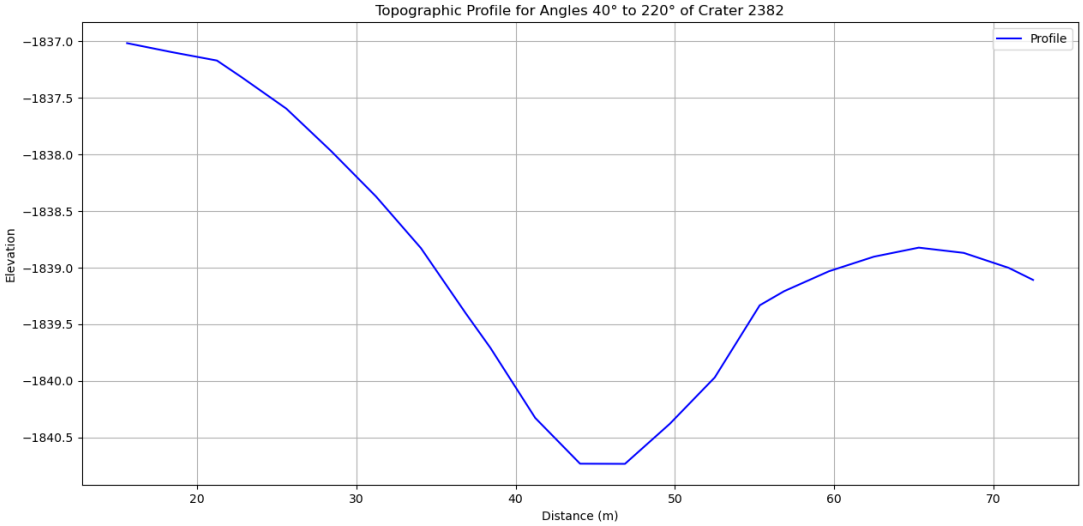
Topographic profiles

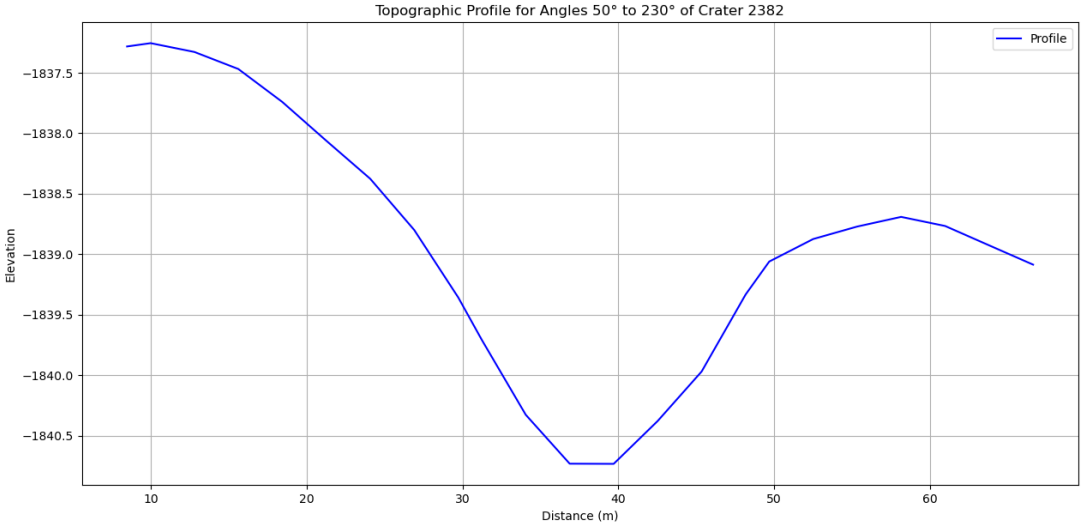


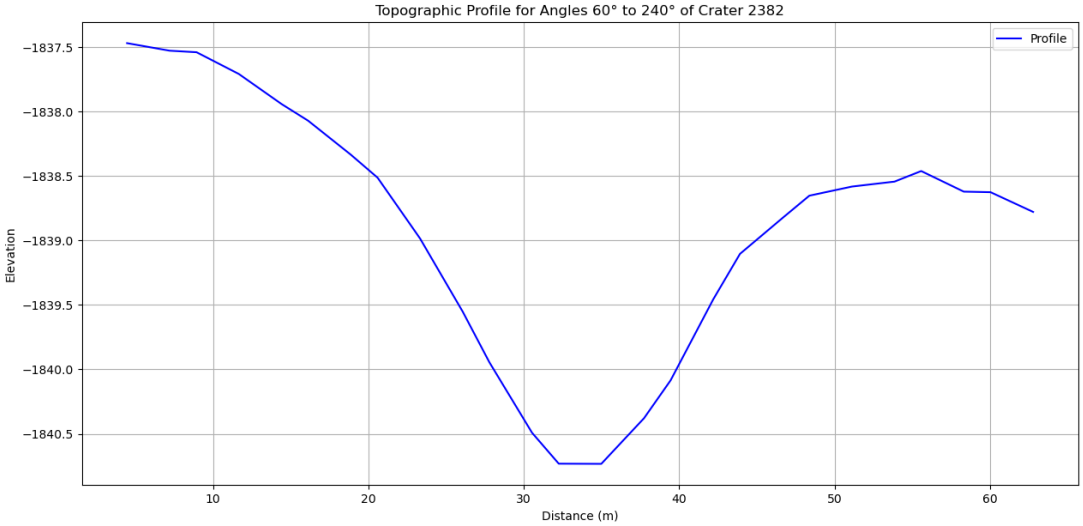

Topographic Profile for Angles 10° to 190° of Crater 2382
Profile
Elevation
−1837
−1838
−1839
−1840
0
10
20
30
40
50
60
Distance (m)

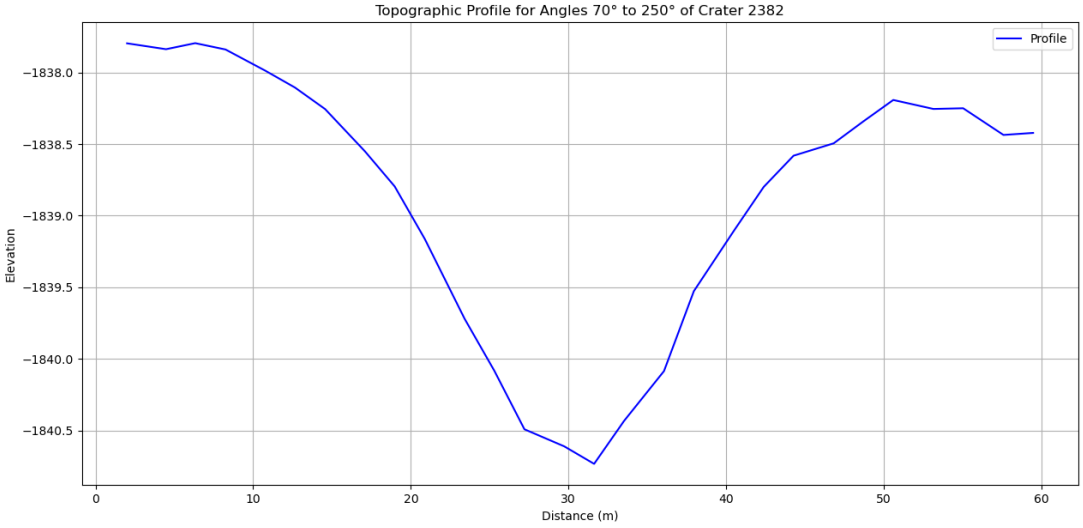

Topographic Profile for Angles 20° to 200° of Crater 2382
Profile
Elevation
−1837
−1838
−1839
−1840
10
20
30
40
50
60
Distance (m)

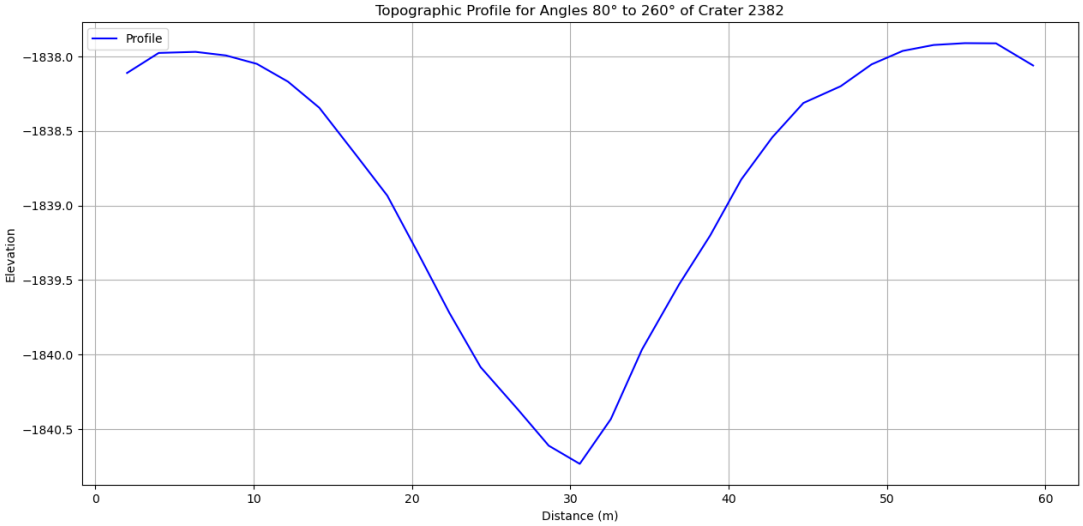

Topographic Profile for Angles 30° to 210° of Crater 2382
Profile
Elevation
−1837
−1838
−1839
−1840
10
20
30
40
50
60
Distance (m)

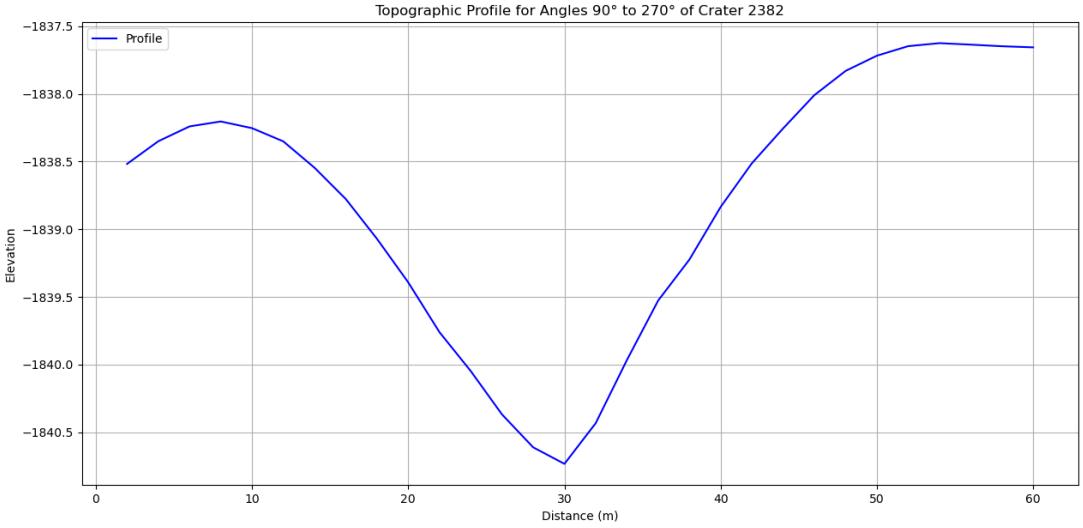

Topographic Profile for Angles 40° to 220° of Crater 2382
Profile
Elevation
−1837.0
−1837.5
−1838.0
−1838.5
−1839.0
−1839.5
−1840.0
−1840.5
20
30
40
50
60
70
Distance (m)

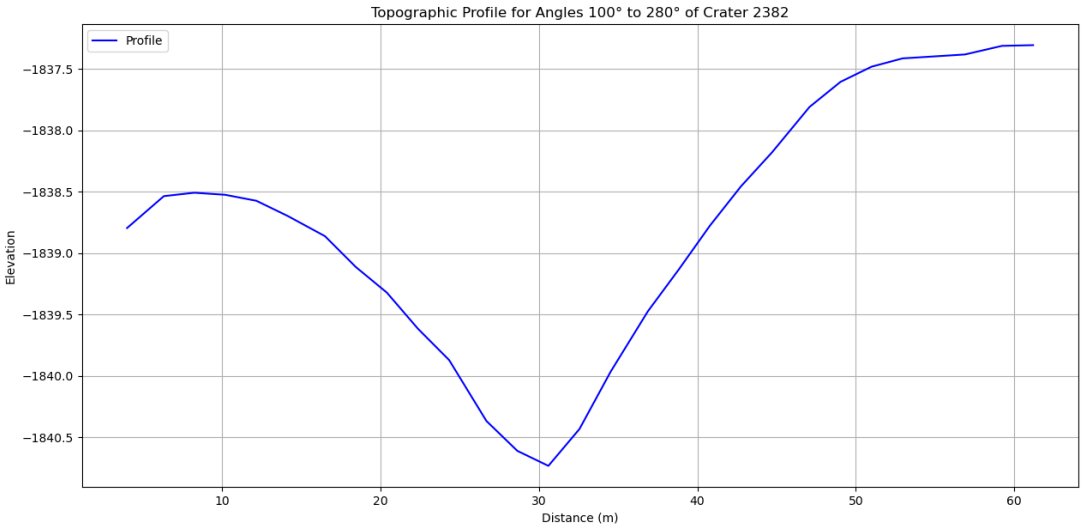

Topographic Profile for Angles 50° to 230° of Crater 2382
Profile
Elevation
−1837.5
−1838.0
−1838.5
−1839.0
−1839.5
−1840.0
−1840.5
10
20
30
40
50
60
Distance (m)

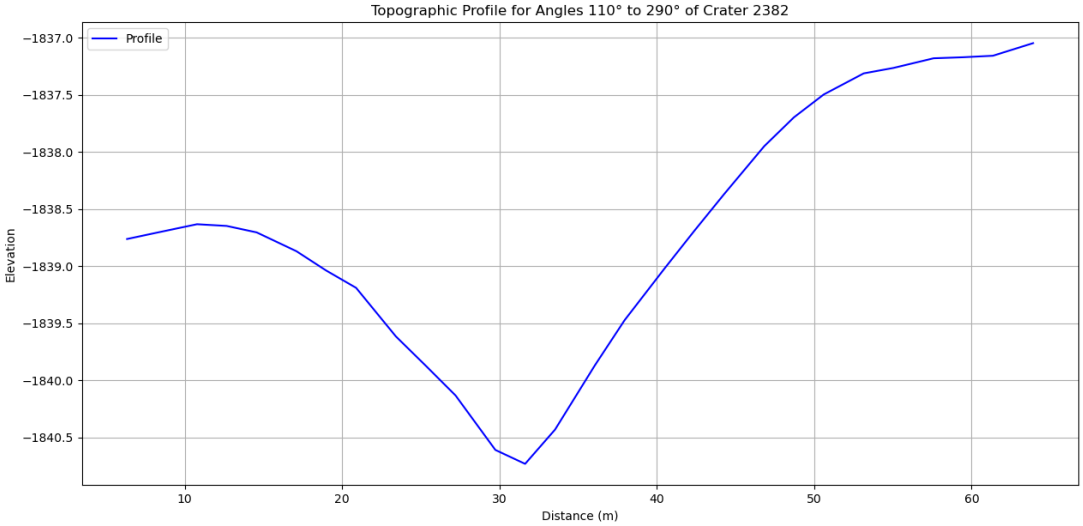

Topographic Profile for Angles 60° to 240° of Crater 2382
Profile
Elevation
−1837.5
−1838.0
−1838.5
−1839.0
−1839.5
−1840.0
−1840.5
10
20
30
40
50
60
Distance (m)

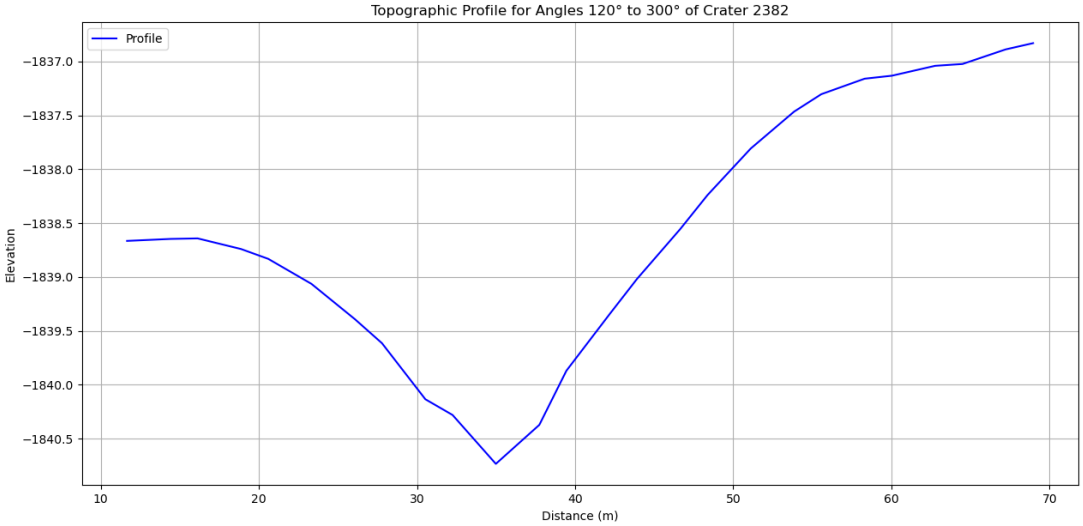

Topographic Profile for Angles 70° to 250° of Crater 2382
Profile
Elevation
−1838.0
−1838.5
−1839.0
−1839.5
−1840.0
−1840.5
0
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 2382
Profile
Elevation
−1838.0
−1838.5
−1839.0
−1839.5
−1840.0
−1840.5
0
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 2382
Profile
Elevation
Distance (m)
−1837.5
−1838.0
−1838.5
−1839.0
−1839.5
−1840.0
−1840.5
0
10
20
30
40
50
60


Topographic Profile for Angles 100° to 280° of Crater 2382
Profile
Elevation
Distance (m)
−1837.5
−1838.0
−1838.5
−1839.0
−1839.5
−1840.0
−1840.5
10
20
30
40
50
60


Topographic Profile for Angles 110° to 290° of Crater 2382
Profile
Elevation
Distance (m)
−1837.0
−1837.5
−1838.0
−1838.5
−1839.0
−1839.5
−1840.0
−1840.5
10
20
30
40
50
60


Topographic Profile for Angles 120° to 300° of Crater 2382
Profile
Elevation
Distance (m)
−1837.0
−1837.5
−1838.0
−1838.5
−1839.0
−1839.5
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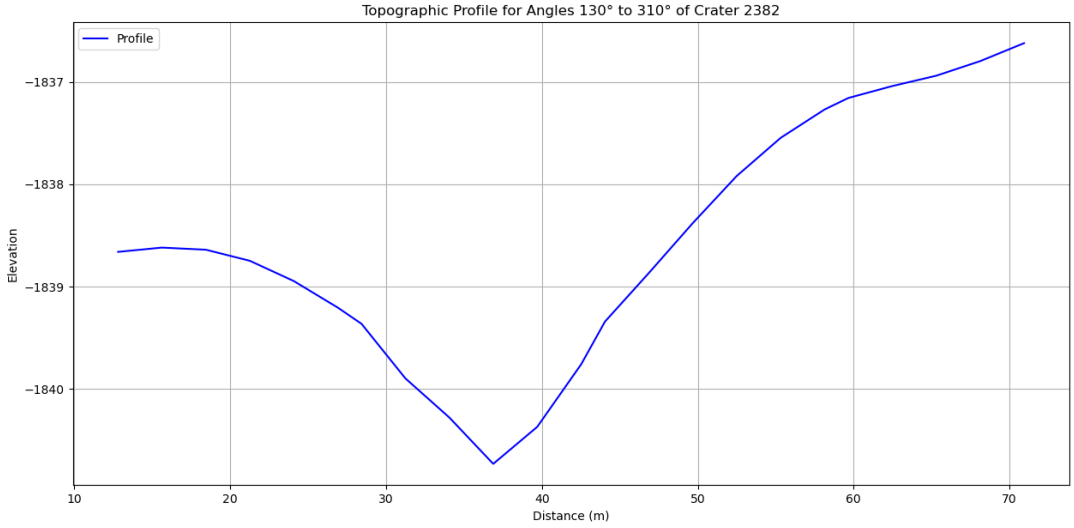
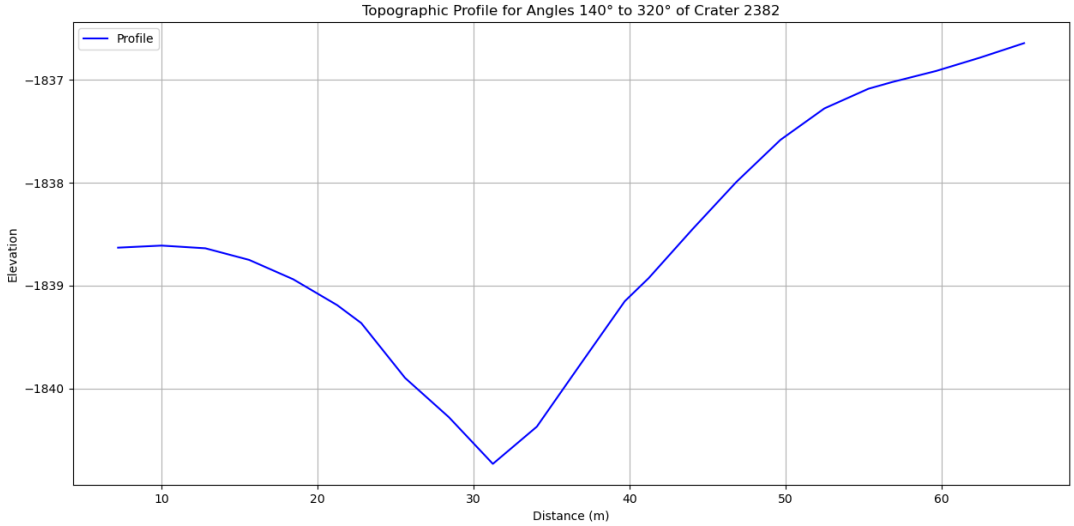
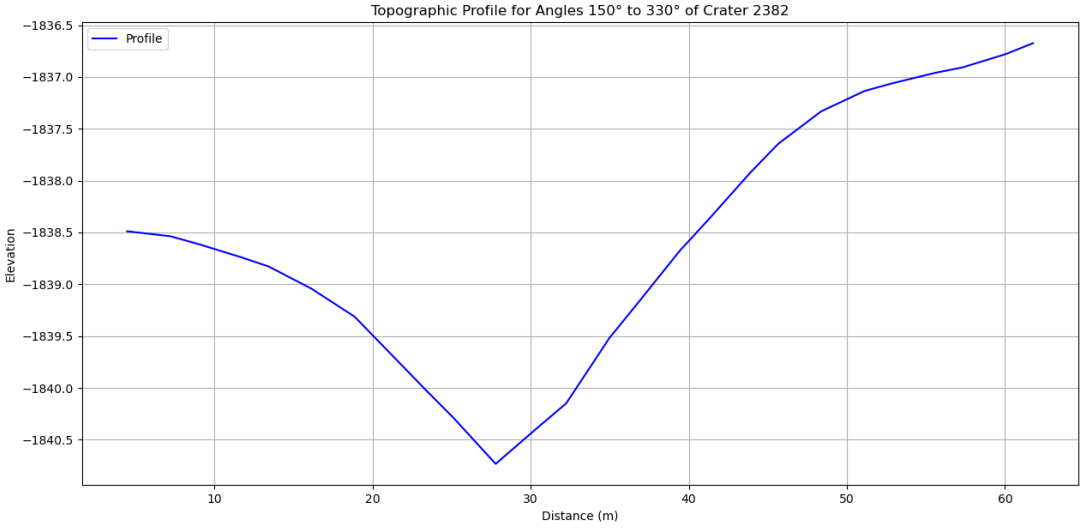
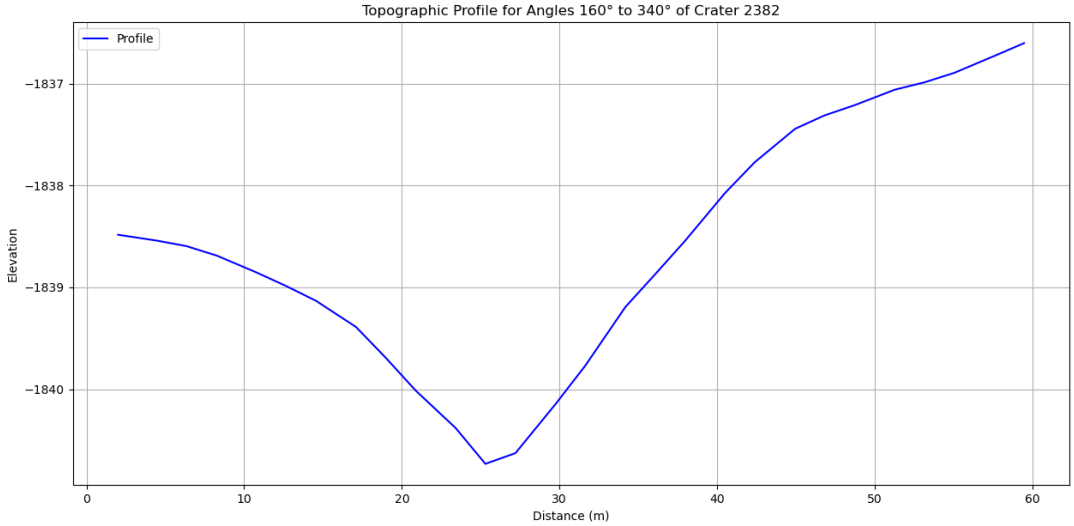
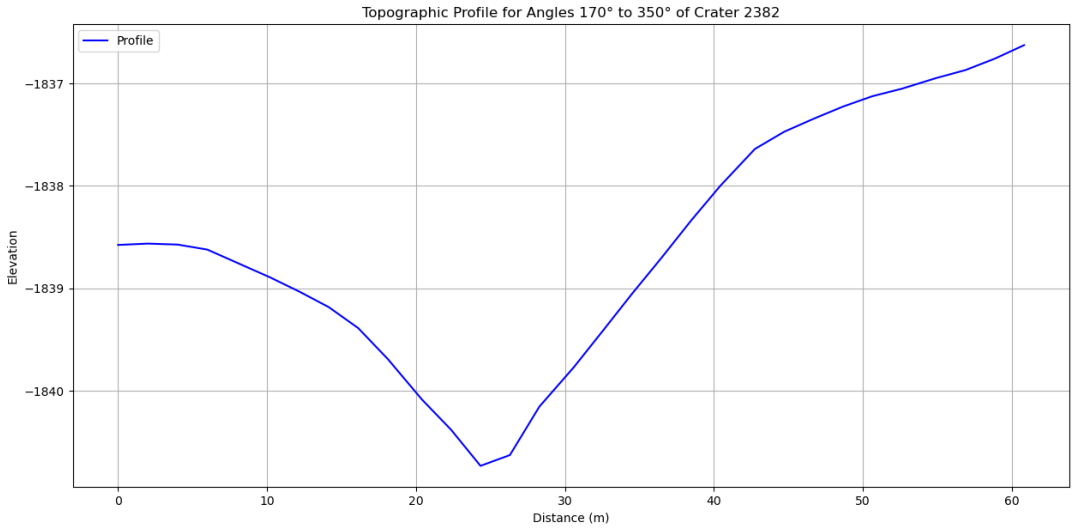
−1840.5
10
20
30
40
50
60
70


Topographic Profile for Angles 130° to 310° of Crater 2382
Profile
−1837
−1838
−1839
−1840
Elevation
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2382
Profile
−1837
−1838
−1839
−1840
Elevation
10
20
30
40
50
60
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2382
Profile
Elevation
Distance (m)
−1836.5
−1837.0
−1837.5
−1838.0
−1838.5
−1839.0
−1839.5
−1840.0
−1840.5
10
20
30
40
50
60


Topographic Profile for Angles 160° to 340° of Crater 2382
Profile
Elevation
Distance (m)
−1837
−1838
−1839
−1840
0
10
20
30
40
50
60


Topographic Profile for Angles 170° to 350° of Crater 2382
Profile
−1837
−1838
−1839
−1840
Elevation
0
10
20
30
40
50
60
Distance (m)