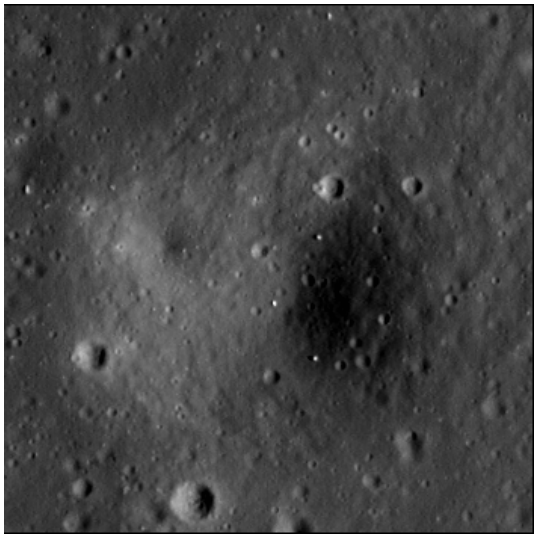
Crater report 3439 of RG2

General information



ID : 3439

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 164m ± 5.0m

Mean depht : 11.8m ± 0.4m

d/D ratio : 0.072 ± 0.003

Circularity index : 0.91

Mean slope : 9.74°

Mean value of TRI on the rim crest : 0.48

Geometric center coordinates : (3657884.5217362656, 209367.4197069673)

Coordinates of the crater's lowest point : (3657895.000001101, 209361.0000000617)

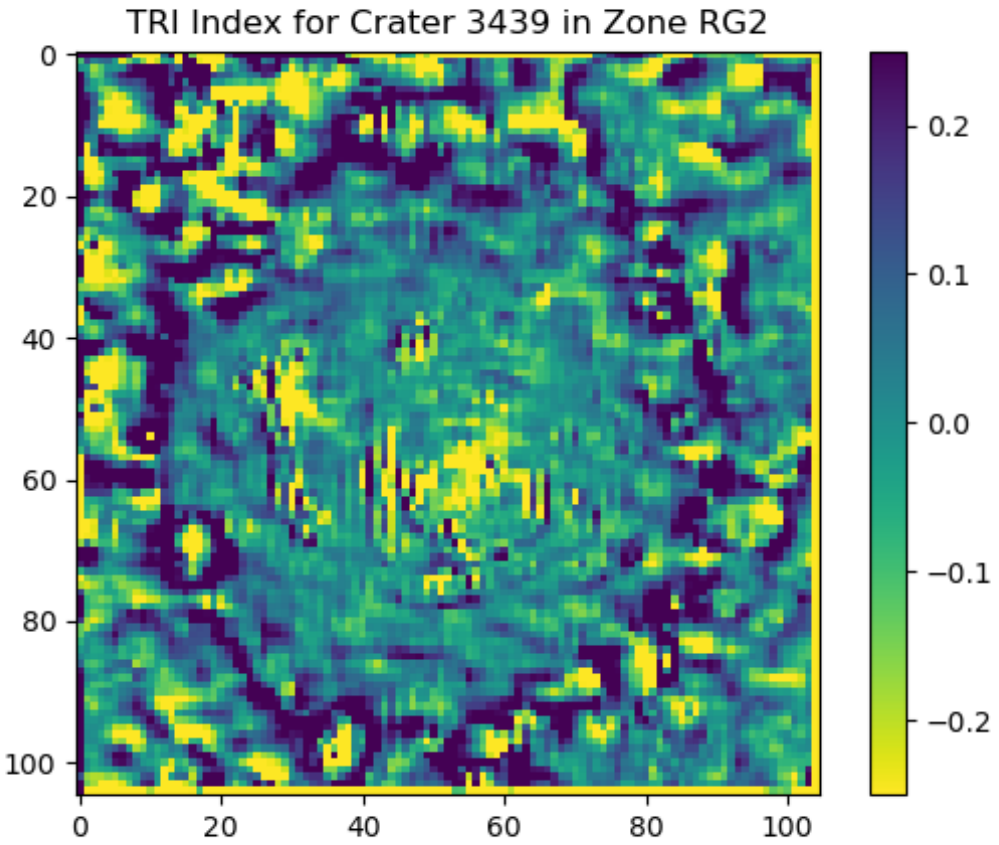
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	10.58	0.57
10°	9.78	0.54
20°	8.78	0.51
30°	8.3	0.48
40°	9.21	0.43
50°	9.68	0.43
60°	9.8	0.48
70°	9.94	0.51
80°	10.21	0.54
90°	10.48	0.57
100°	9.85	0.54
110°	9.42	0.52

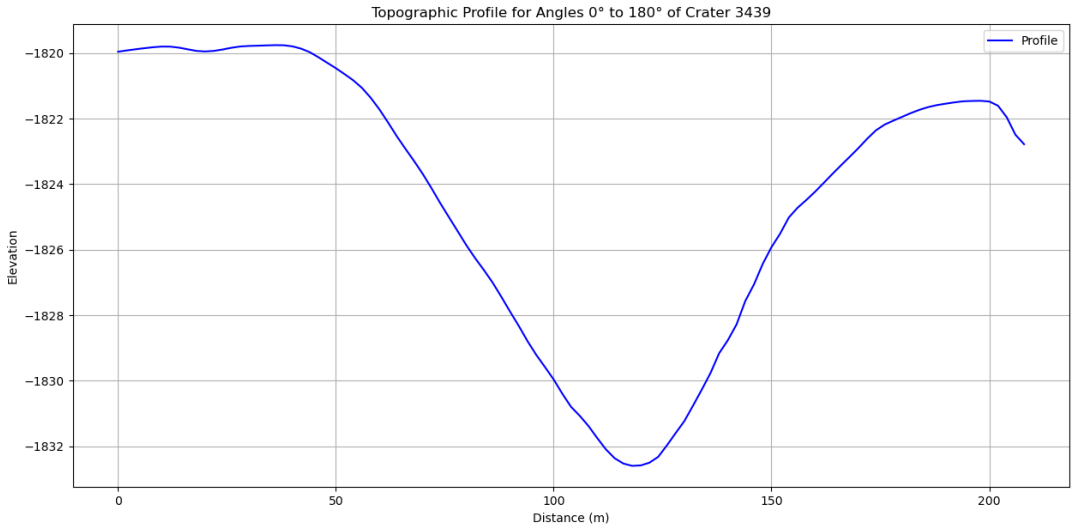
120°	9.58	0.48
130°	9.84	0.43
140°	10.21	0.42
150°	9.68	0.48
160°	10.01	0.52
170°	10.6	0.54
180°	10.89	0.57
190°	10.58	0.54
200°	10.03	0.51
210°	9.73	0.48
220°	9.69	0.43
230°	9.83	0.43
240°	9.51	0.48
250°	9.6	0.51
260°	9.84	0.54
270°	10.38	0.57
280°	9.63	0.54
290°	8.44	0.52
300°	7.8	0.48
310°	8.98	0.43
320°	10.02	0.43
330°	9.76	0.48
340°	9.9	0.51
350°	10.18	0.54

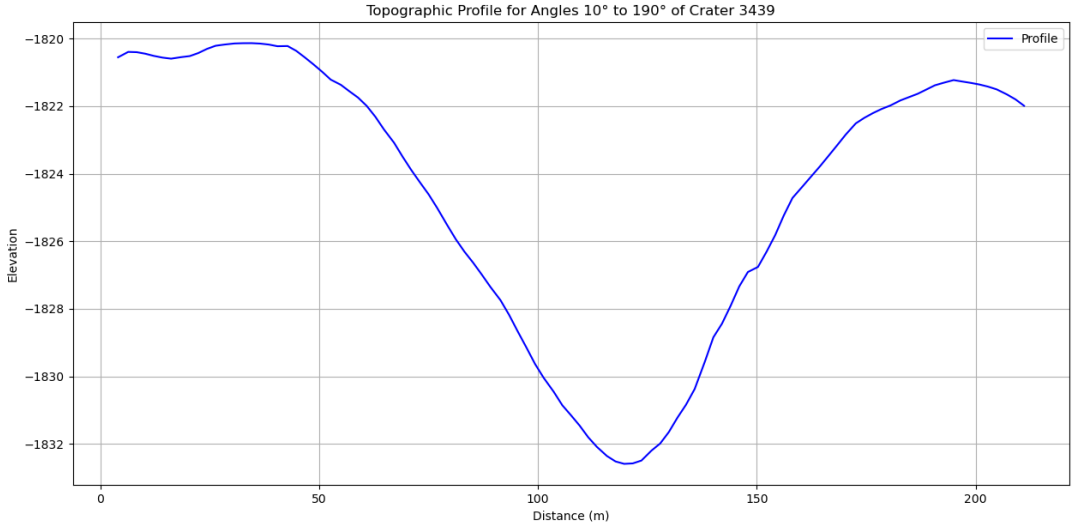
Topographic roughness index (TRI)

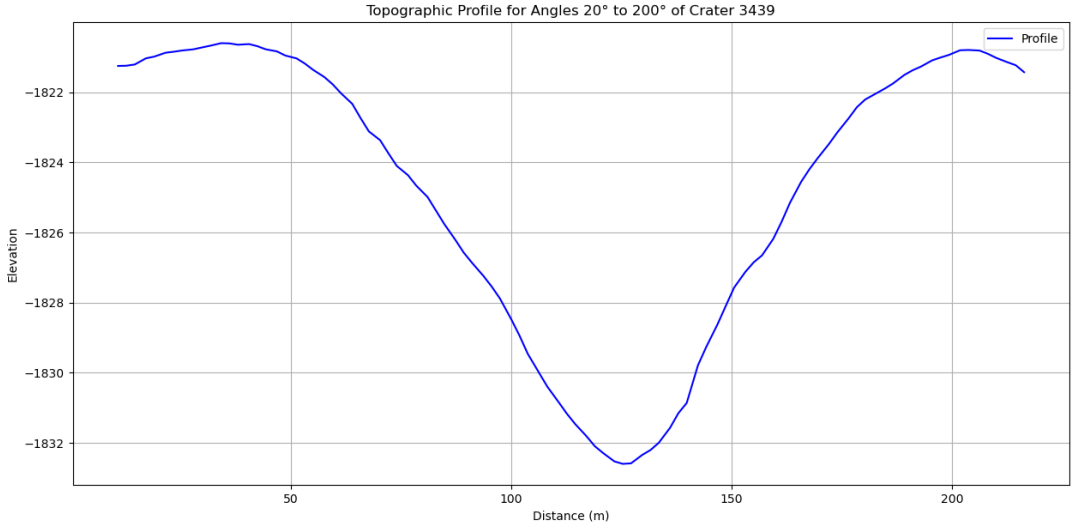
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

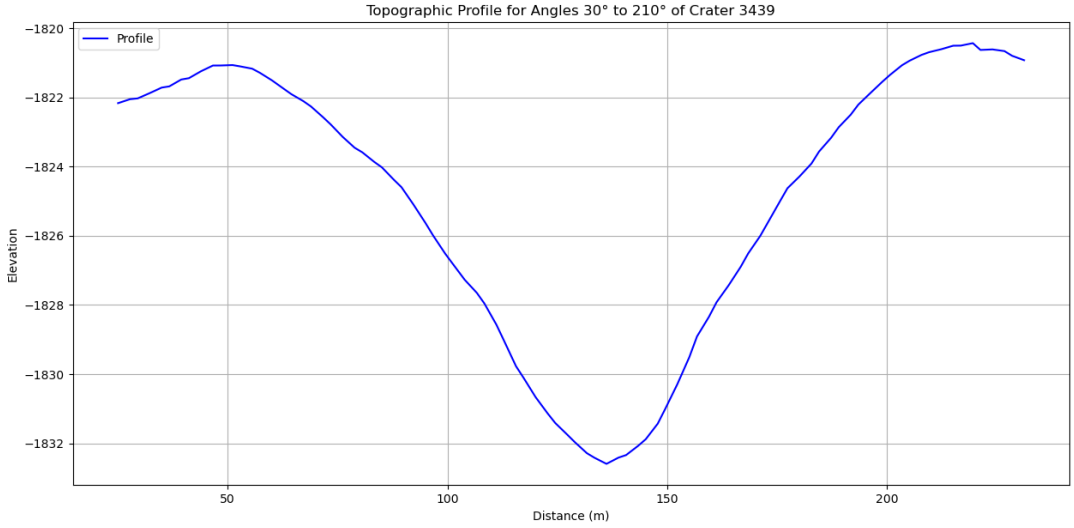


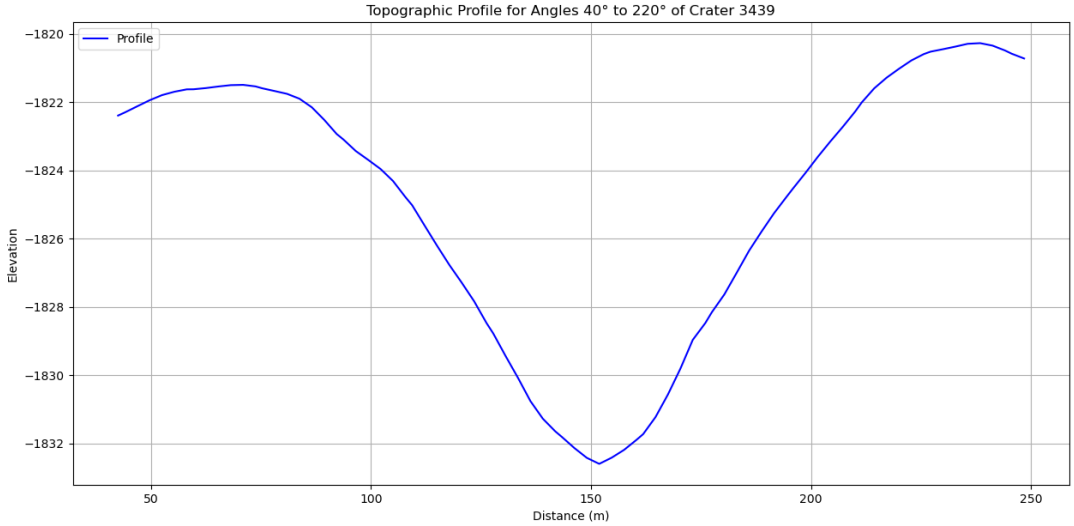
Topographic profiles

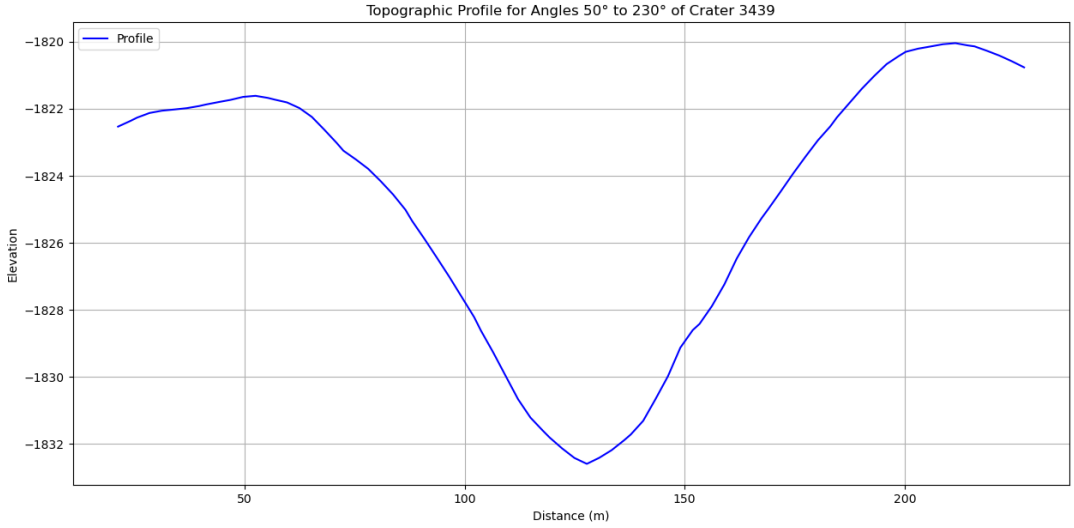


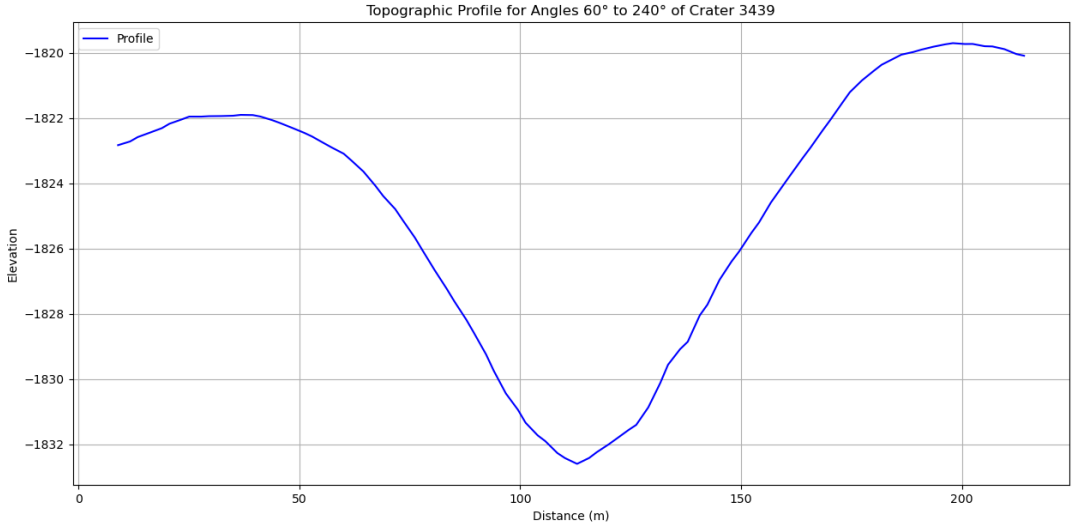

Topographic Profile for Angles 10° to 190° of Crater 3439
Profile
Elevation
Distance (m)
−1820
−1822
−1824
−1826
−1828
−1830
−1832
0
50
100
150
200

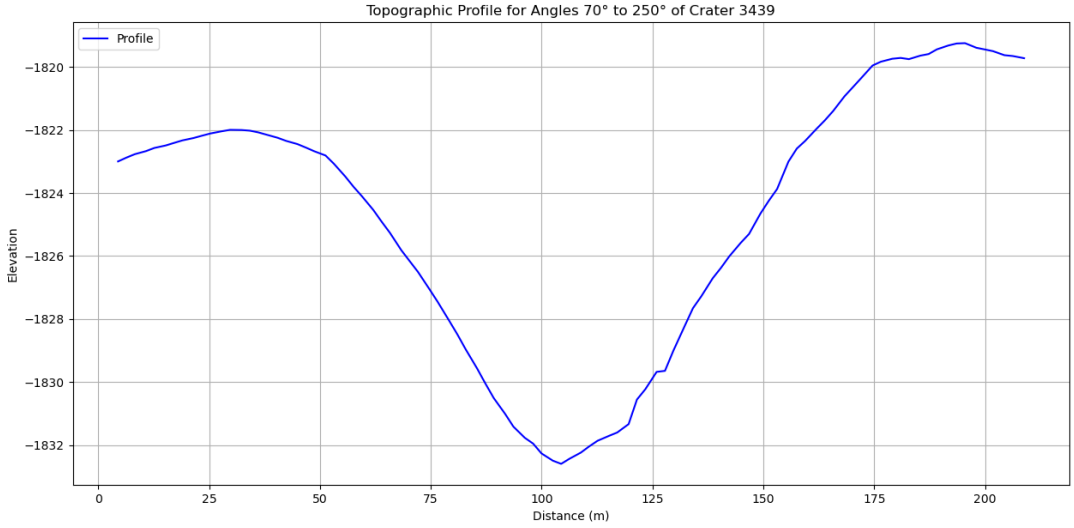

Topographic Profile for Angles 20° to 200° of Crater 3439
Profile
Elevation
Distance (m)
−1822
−1824
−1826
−1828
−1830
−1832
50
100
150
200

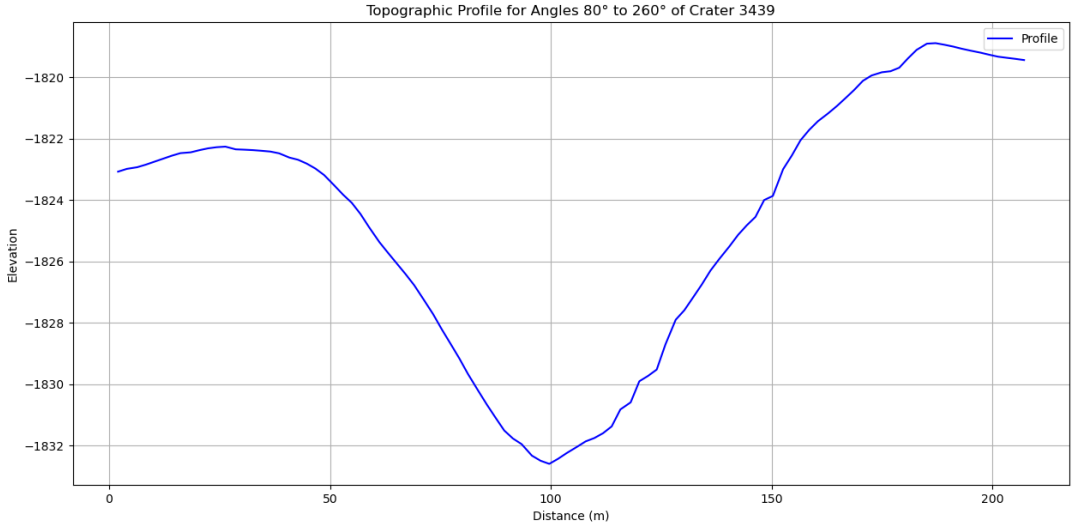

Topographic Profile for Angles 30° to 210° of Crater 3439
Profile
Elevation
Distance (m)
−1820
−1822
−1824
−1826
−1828
−1830
−1832
50
100
150
200

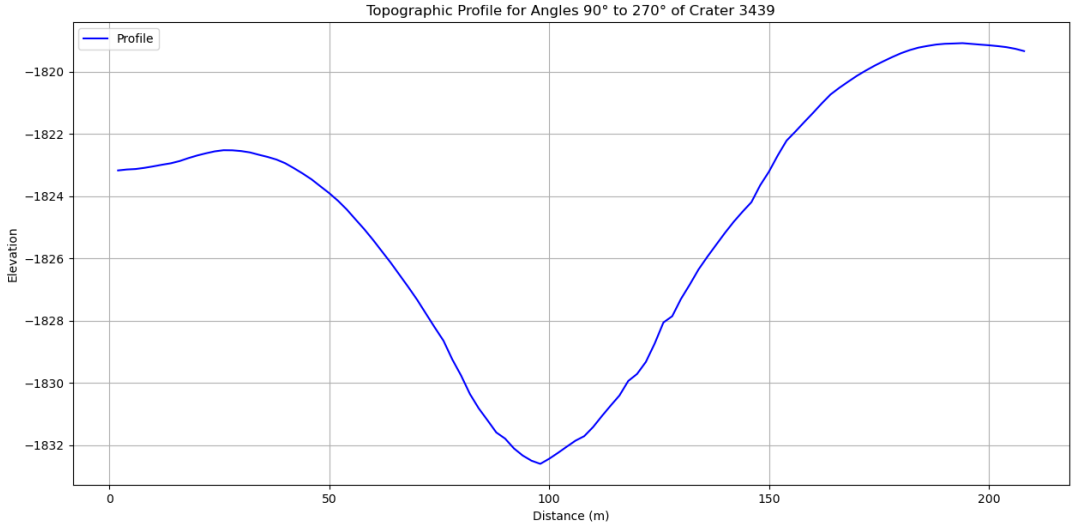

Topographic Profile for Angles 40° to 220° of Crater 3439
Profile
Elevation
Distance (m)
−1820
−1822
−1824
−1826
−1828
−1830
−1832
50
100
150
200
250

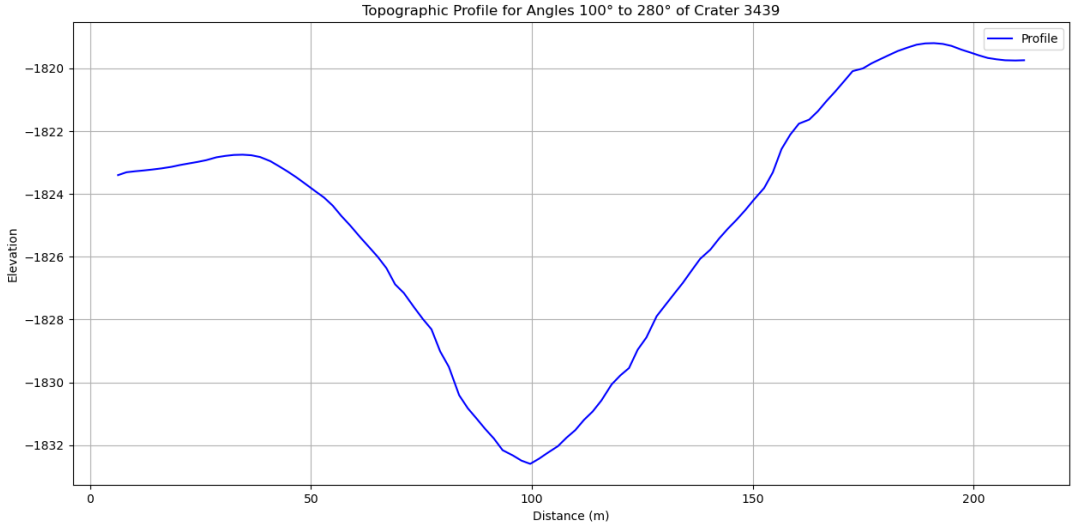

Topographic Profile for Angles 50° to 230° of Crater 3439
Profile
Elevation
Distance (m)
−1820
−1822
−1824
−1826
−1828
−1830
−1832
50
100
150
200

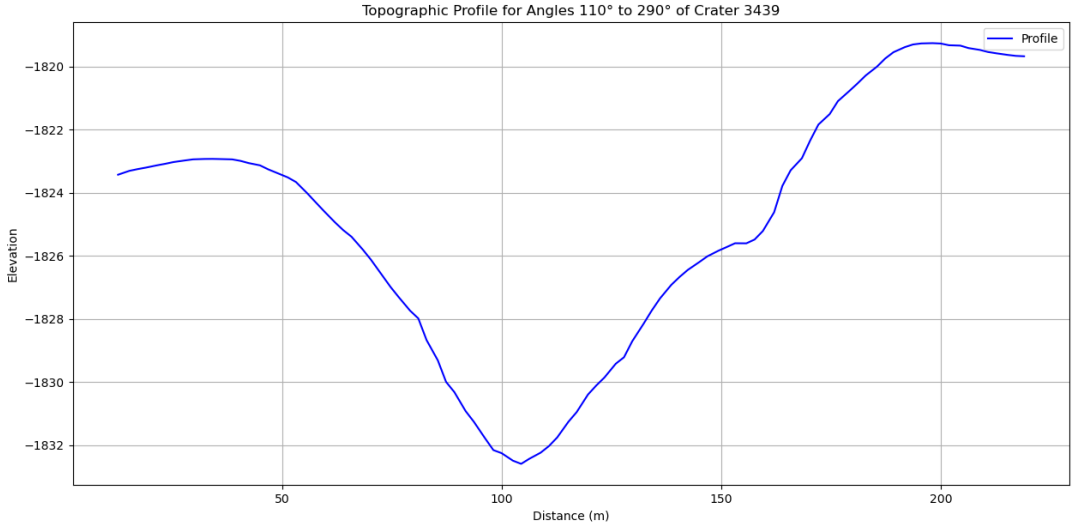

Topographic Profile for Angles 60° to 240° of Crater 3439
Profile
Elevation
Distance (m)
−1820
−1822
−1824
−1826
−1828
−1830
−1832
0
50
100
150
200

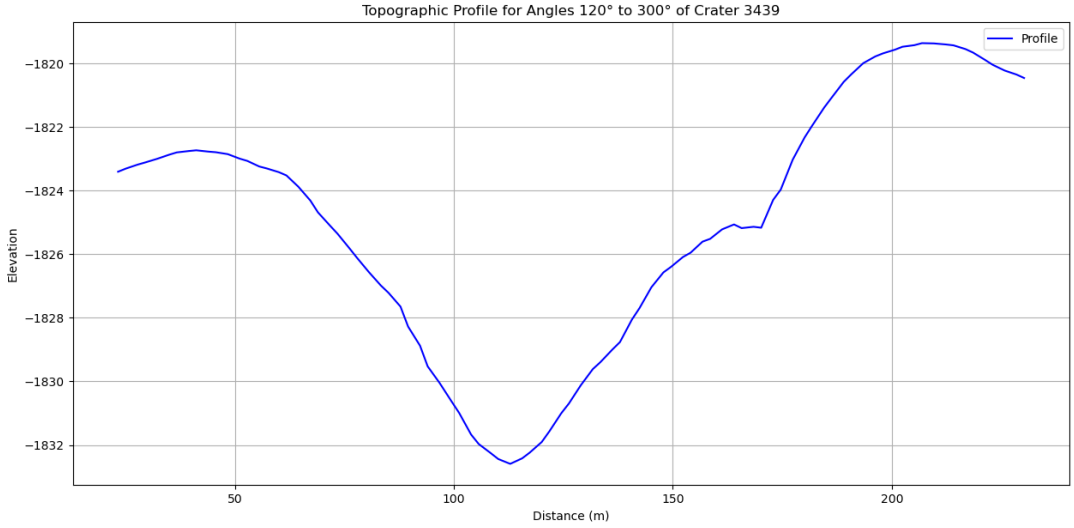

Topographic Profile for Angles 70° to 250° of Crater 3439
Profile
Elevation
Distance (m)
−1820
−1822
−1824
−1826
−1828
−1830
−1832
0
25
50
75
100
125
150
175
200

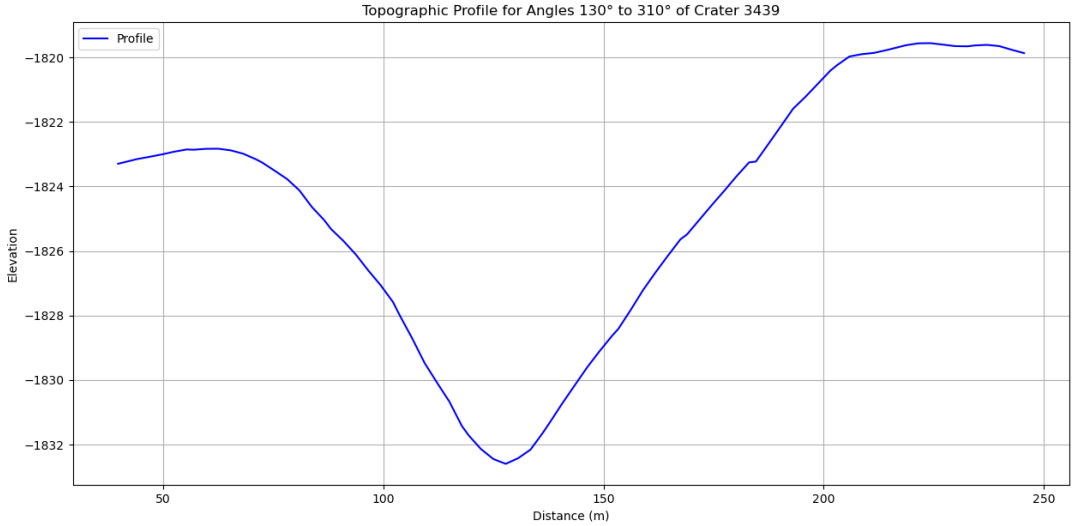

Topographic Profile for Angles 80° to 260° of Crater 3439
Profile
Elevation
Distance (m)
−1820
−1822
−1824
−1826
−1828
−1830
−1832
0
50
100
150
200

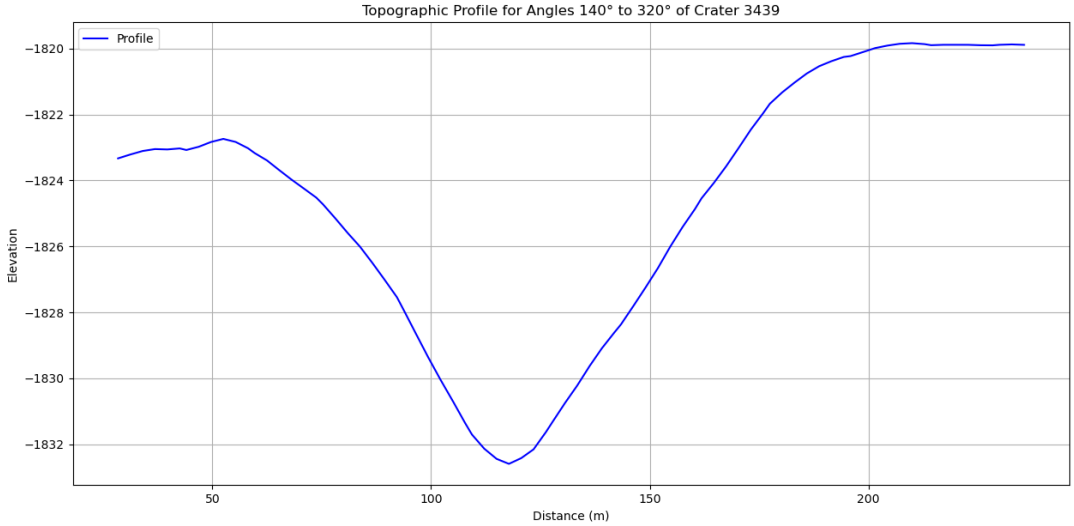

Topographic Profile for Angles 90° to 270° of Crater 3439
Profile
Elevation
−1820
−1822
−1824
−1826
−1828
−1830
−1832
0
50
100
150
200
Distance (m)

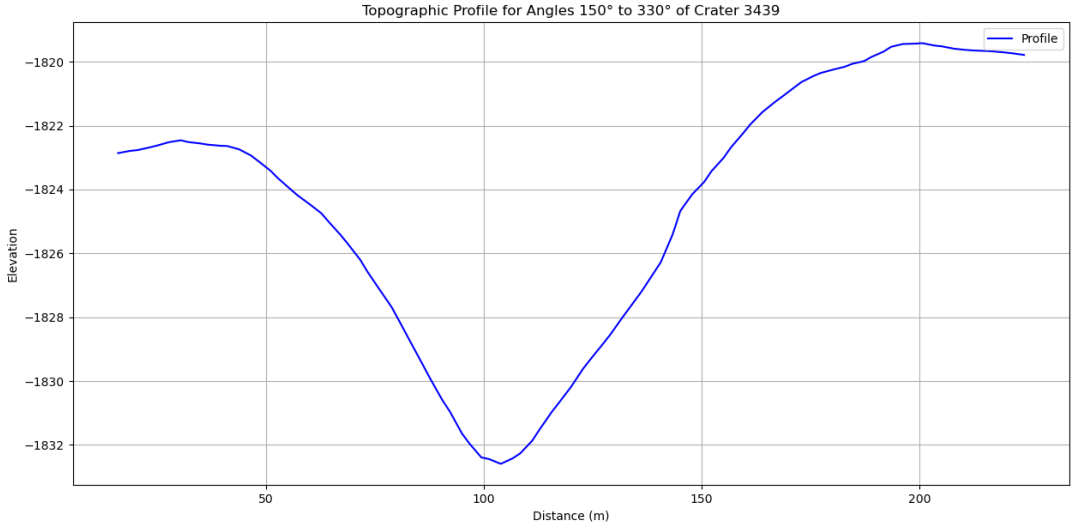

Topographic Profile for Angles 100° to 280° of Crater 3439
Profile
Elevation
−1820
−1822
−1824
−1826
−1828
−1830
−1832
0
50
100
150
200
Distance (m)

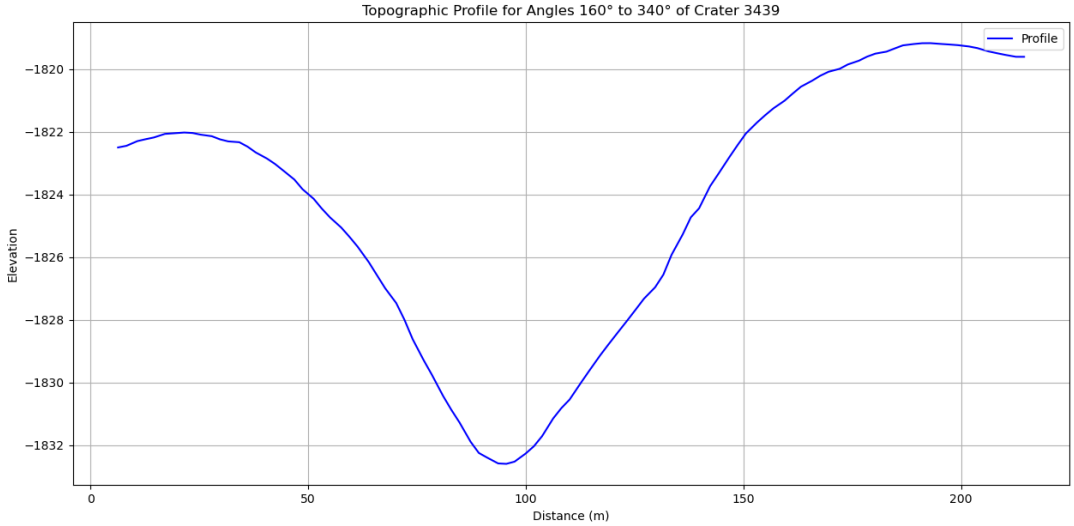

Topographic Profile for Angles 110° to 290° of Crater 3439
Profile
Elevation
−1820
−1822
−1824
−1826
−1828
−1830
−1832
50
100
150
200
Distance (m)

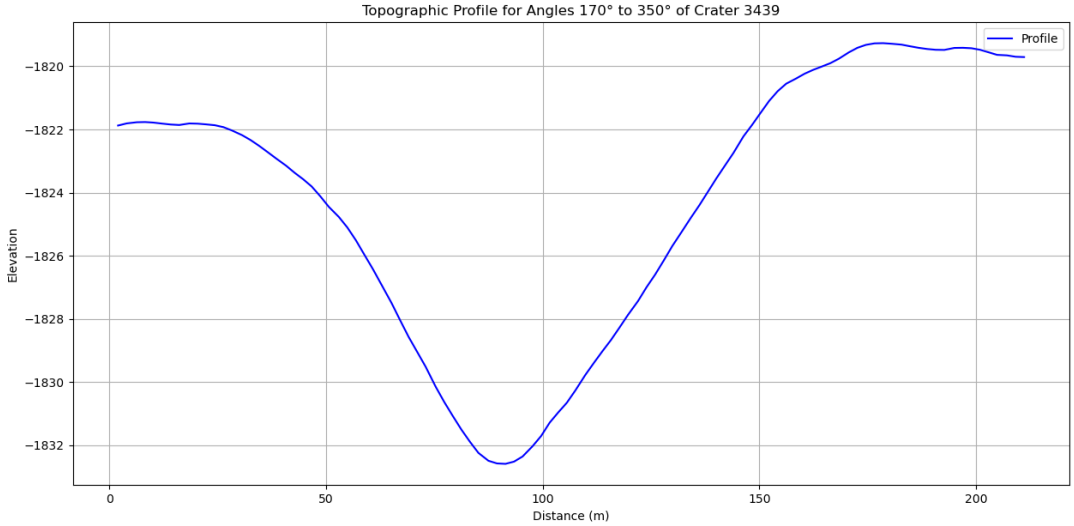

Topographic Profile for Angles 120° to 300° of Crater 3439
Profile
Elevation
−1820
−1822
−1824
−1826
−1828
−1830
−1832
50
100
150
200
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 3439
Profile
Elevation
Distance (m)
−1820
−1822
−1824
−1826
−1828
−1830
−1832
50
100
150
200
250


Topographic Profile for Angles 140° to 320° of Crater 3439
Profile
Elevation
Distance (m)
−1820
−1822
−1824
−1826
−1828
−1830
−1832
50
100
150
200


Topographic Profile for Angles 150° to 330° of Crater 3439
Profile
Elevation
−1820
−1822
−1824
−1826
−1828
−1830
−1832
50
100
150
200
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 3439
Profile
Elevation
−1820
−1822
−1824
−1826
−1828
−1830
−1832
0
50
100
150
200
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 3439
Profile
Elevation
−1820
−1822
−1824
−1826
−1828
−1830
−1832
0
50
100
150
200
Distance (m)