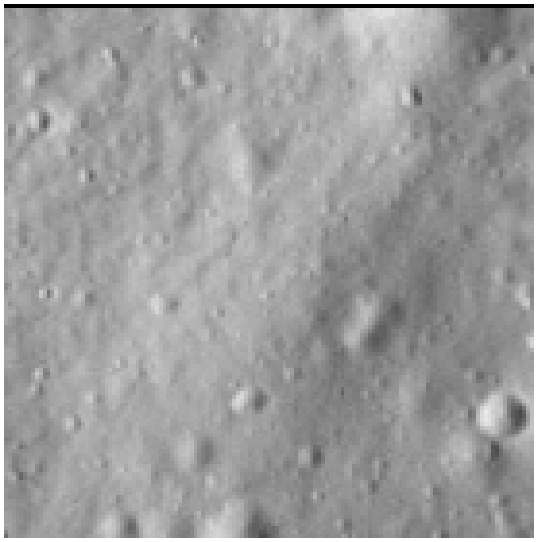
Crater report 2168 of RG2

General information



ID : 2168

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 68m ± 4.0m

Mean depht : 2.8m ± 0.5m

d/D ratio : 0.04 ± 0.008

Circularity index : 0.9

Mean slope : 4.11°

Mean value of TRI on the rim crest : 0.18

Geometric center coordinates : (3658037.7544813626, 219933.63696442096)

Coordinates of the crater's lowest point : (3658051.000001101, 219925.00000006484)

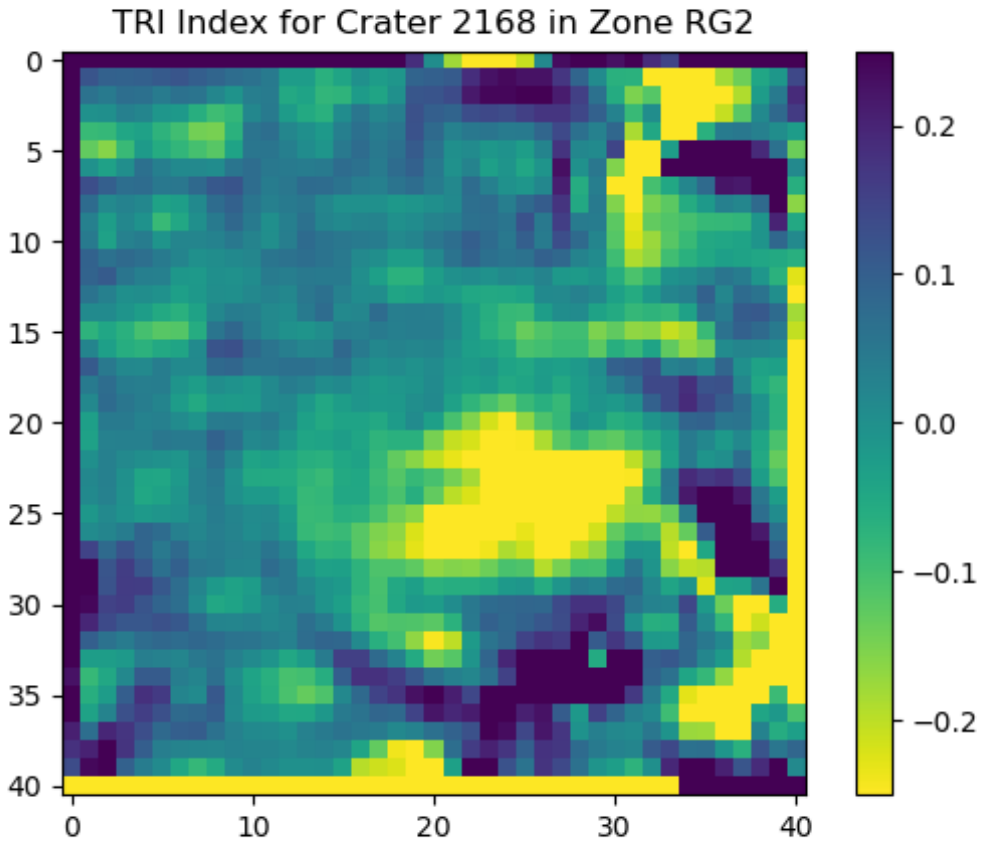
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	6.52	0.57
10°	4.81	0.54
20°	3.7	0.51
30°	3.3	0.48
40°	3.13	0.44
50°	2.7	0.42
60°	2.39	0.48
70°	1.98	0.53
80°	1.96	0.55
90°	1.86	0.57
100°	1.58	0.53
110°	1.51	0.53

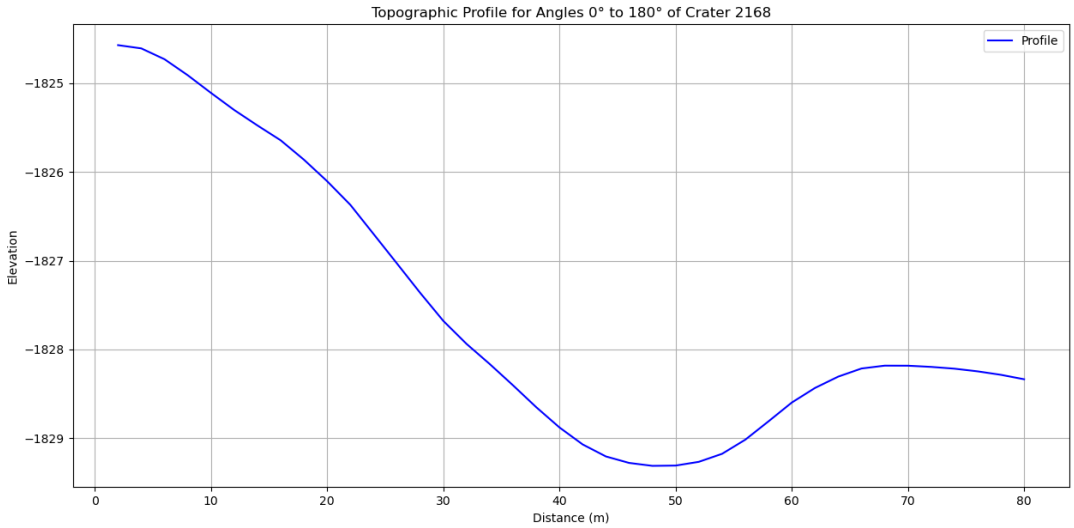
120°	1.72	0.48
130°	2.03	0.44
140°	2.53	0.44
150°	2.68	0.46
160°	3.16	0.52
170°	3.5	0.55
180°	3.58	0.57
190°	3.39	0.55
200°	3.04	0.51
210°	2.8	0.48
220°	3.14	0.44
230°	3.49	0.43
240°	3.99	0.48
250°	4.85	0.52
260°	5.59	0.55
270°	6.17	0.57
280°	6.28	0.54
290°	6.46	0.52
300°	6.89	0.48
310°	7.77	0.43
320°	7.95	0.43
330°	7.4	0.48
340°	7.23	0.51
350°	7.01	0.54

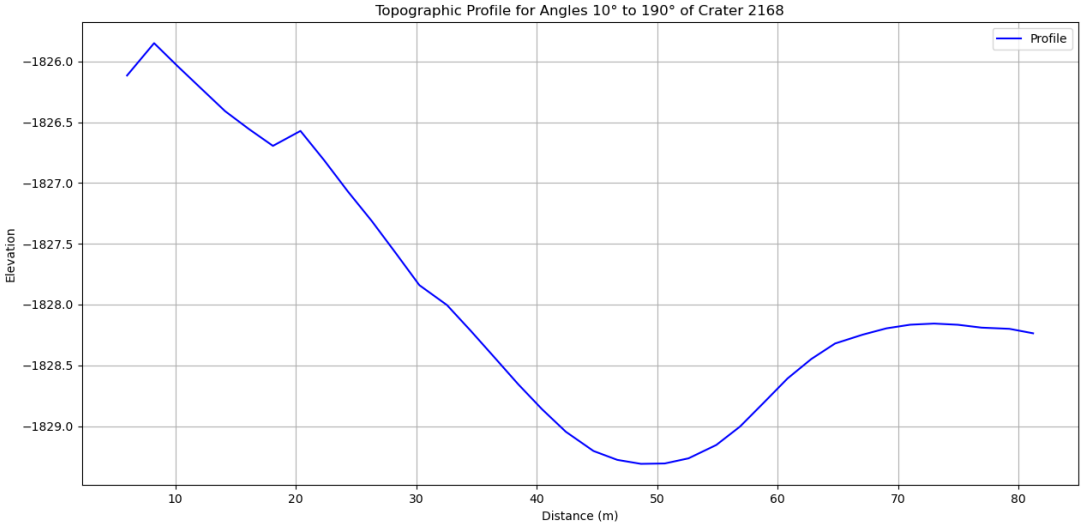
Topographic roughness index (TRI)

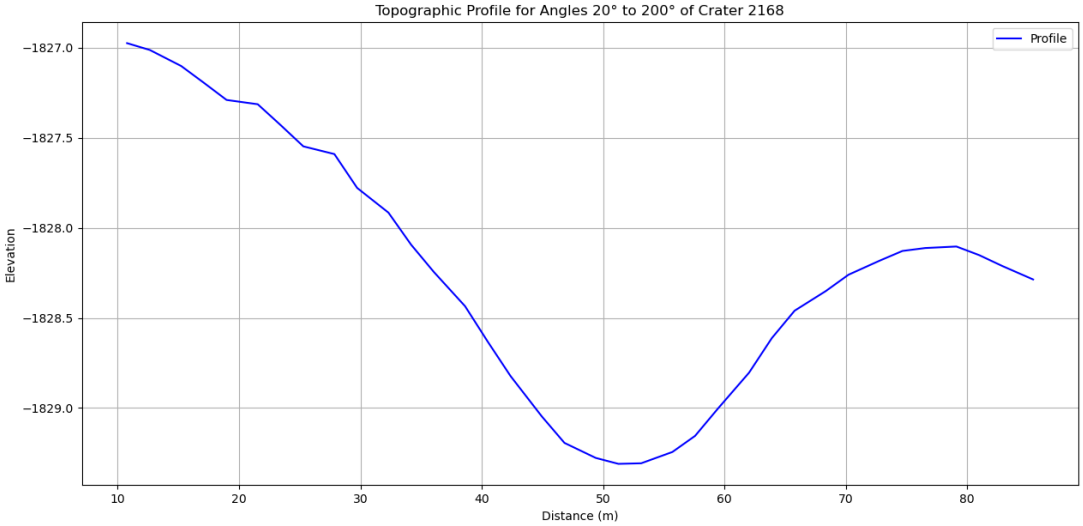
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

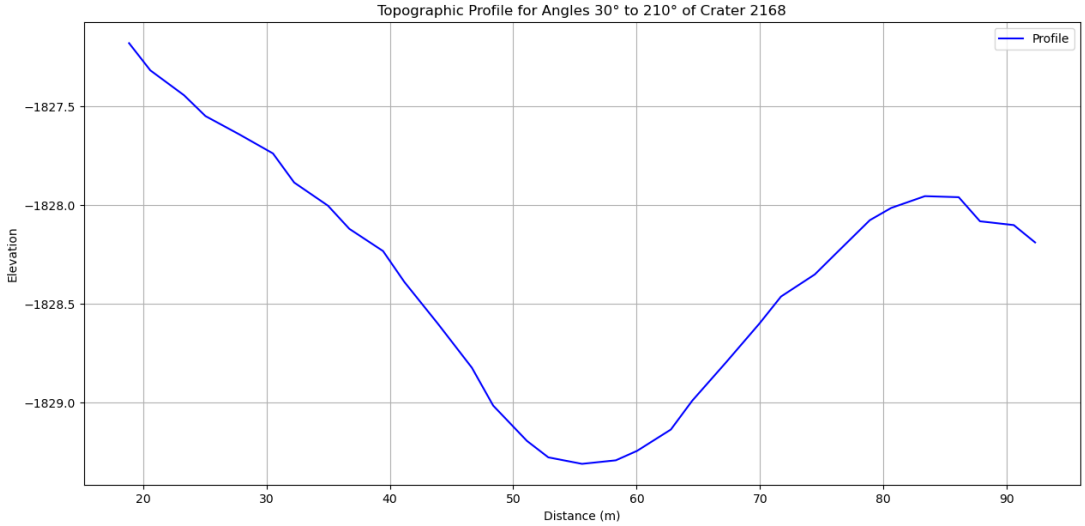


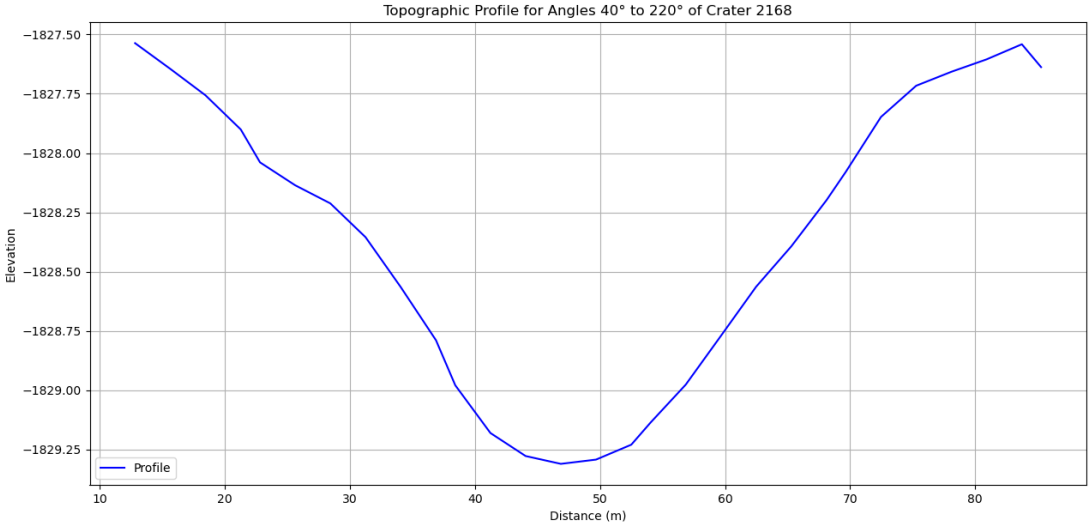
Topographic profiles

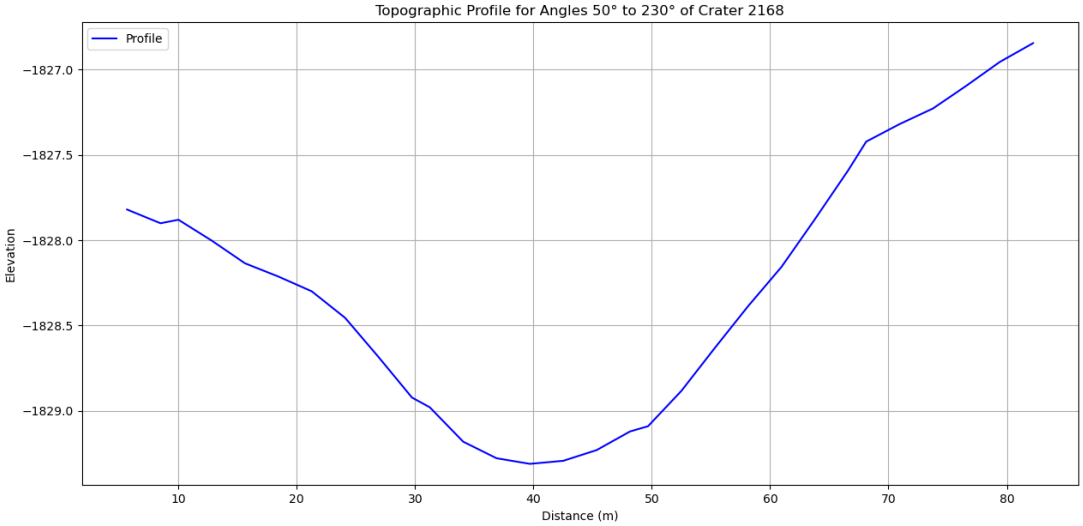


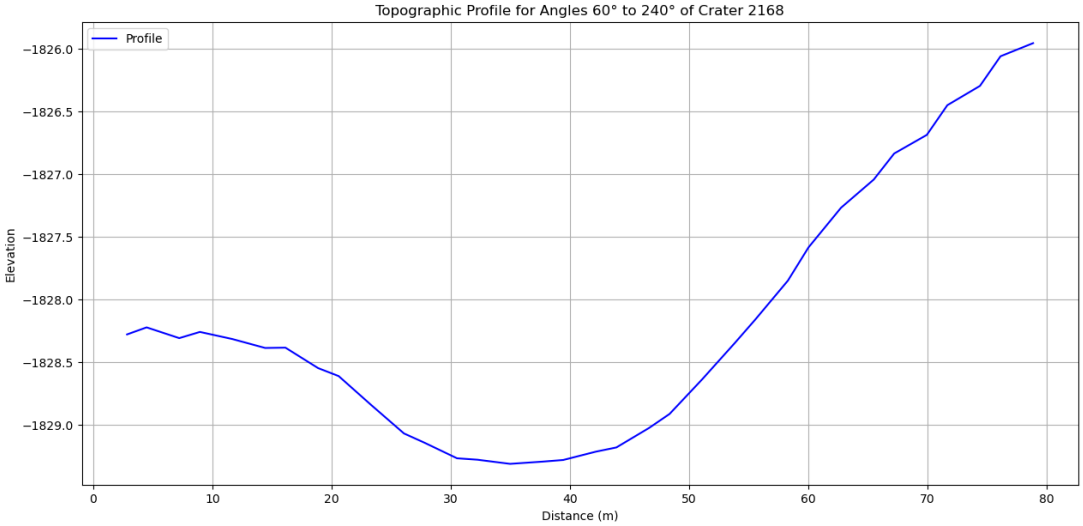

Topographic Profile for Angles 10° to 190° of Crater 2168
Profile
Elevation
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
10
20
30
40
50
60
70
80
Distance (m)

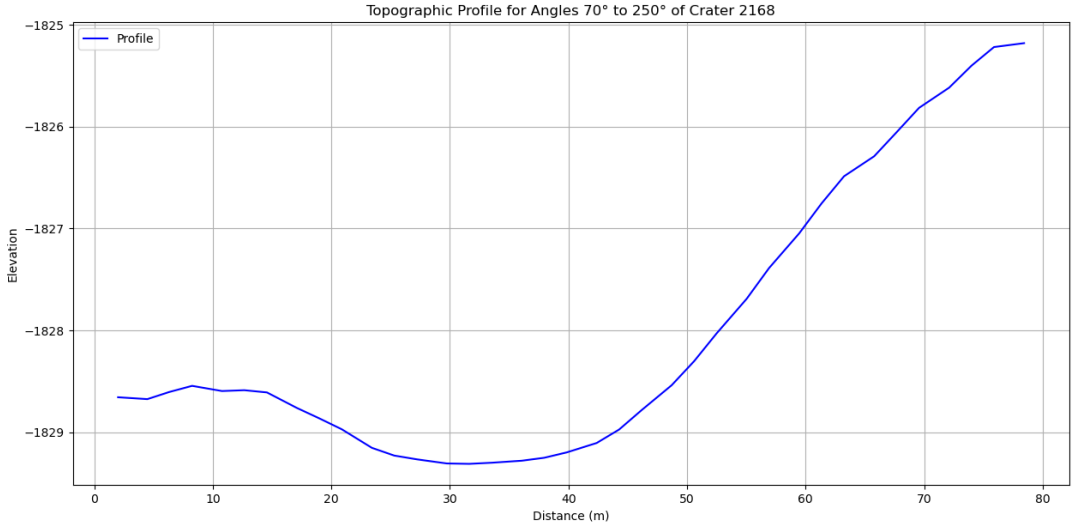

Topographic Profile for Angles 20° to 200° of Crater 2168
Profile
Elevation
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
10
20
30
40
50
60
70
80
Distance (m)

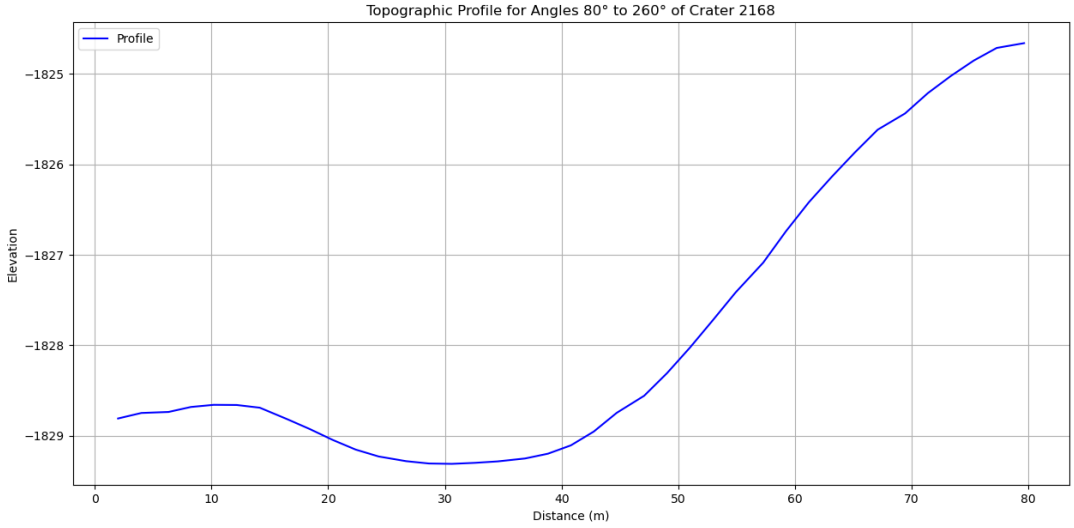

Topographic Profile for Angles 30° to 210° of Crater 2168
Profile
Elevation
−1827.5
−1828.0
−1828.5
−1829.0
20
30
40
50
60
70
80
90
Distance (m)

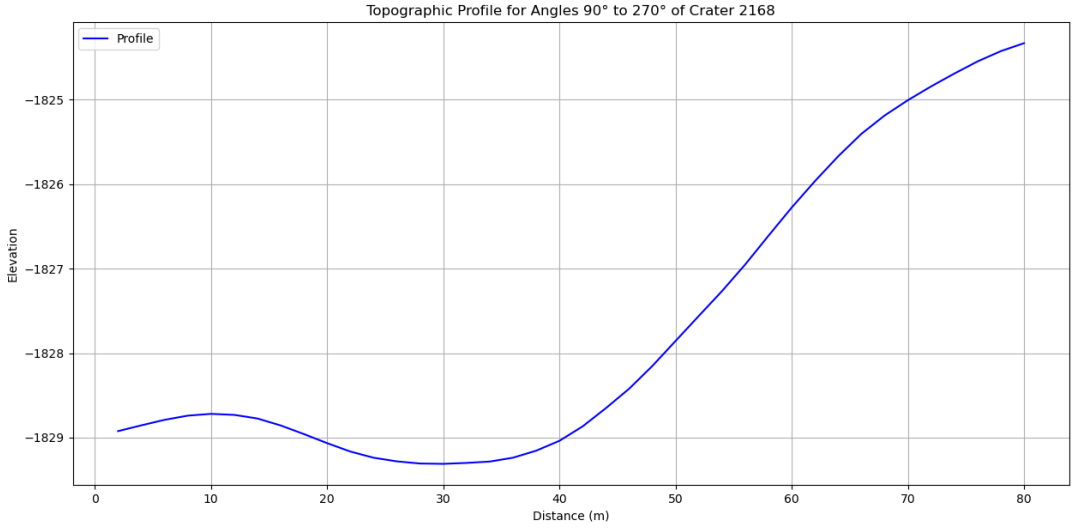

Topographic Profile for Angles 40° to 220° of Crater 2168
Elevation
−1827.50
−1827.75
−1828.00
−1828.25
−1828.50
−1828.75
−1829.00
−1829.25
Profile
10
20
30
40
50
60
70
80
Distance (m)

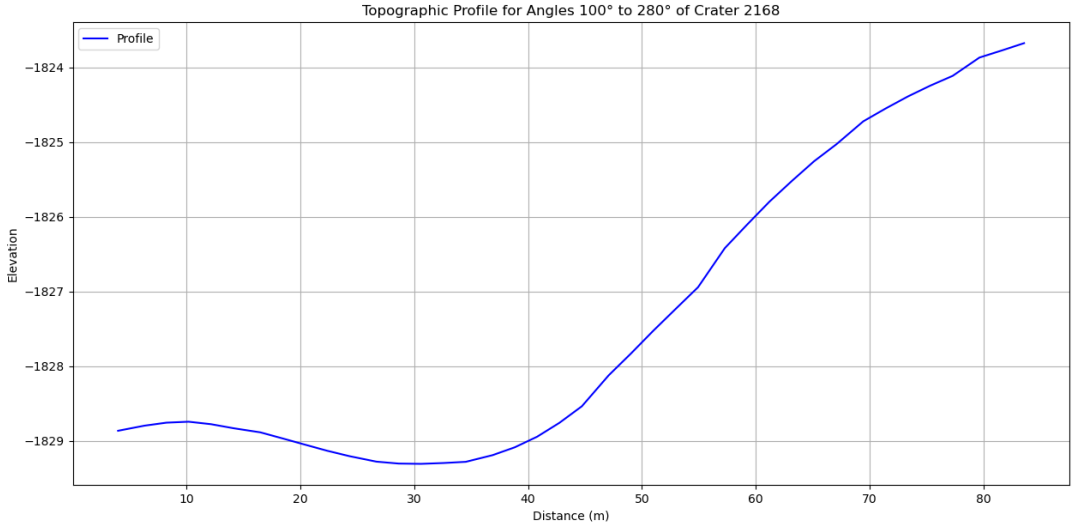

Topographic Profile for Angles 50° to 230° of Crater 2168
Profile
Elevation
Distance (m)
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
10
20
30
40
50
60
70
80

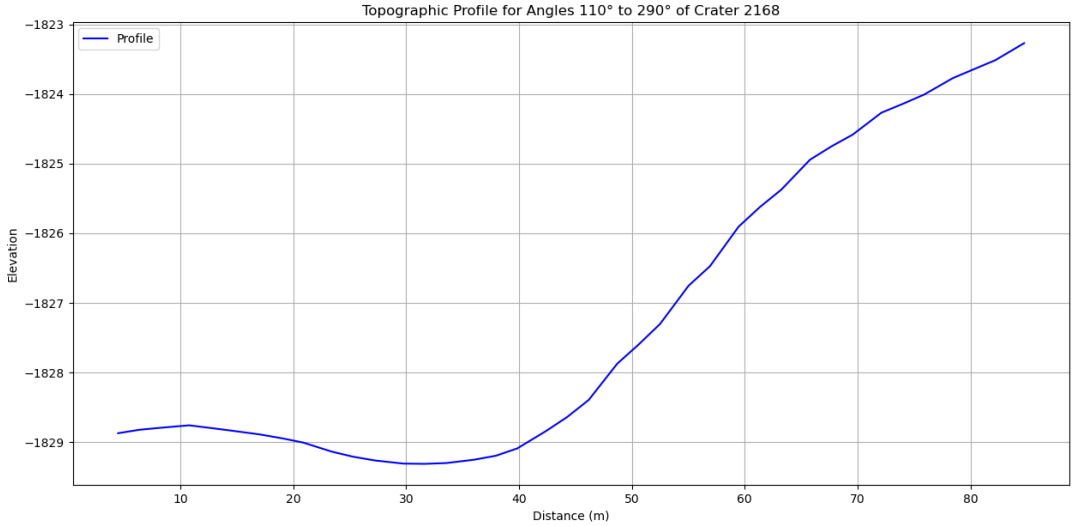

Topographic Profile for Angles 60° to 240° of Crater 2168
Profile
Elevation
Distance (m)
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
0
10
20
30
40
50
60
70
80

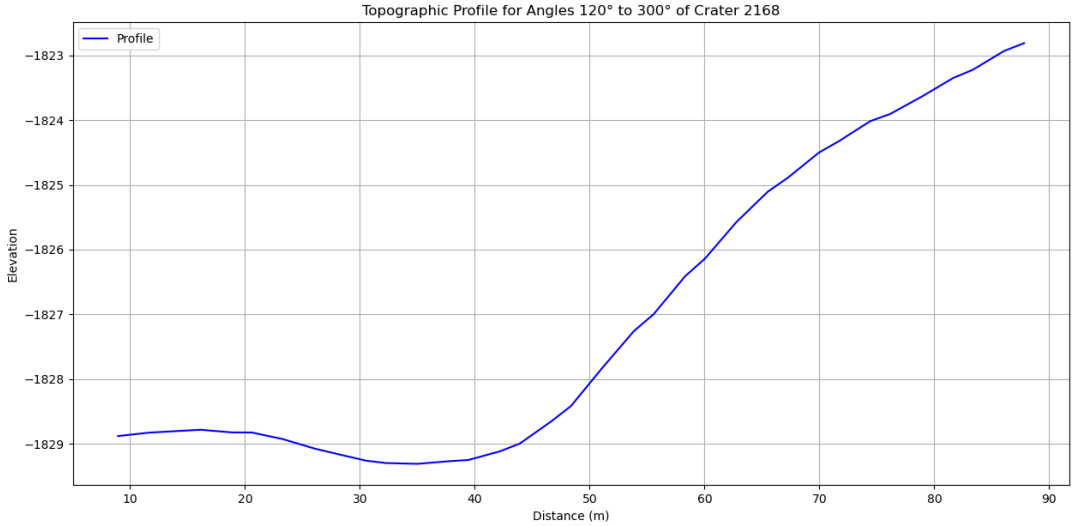

Topographic Profile for Angles 70° to 250° of Crater 2168
Profile
Elevation
Distance (m)
−1825
−1826
−1827
−1828
−1829
0
10
20
30
40
50
60
70
80

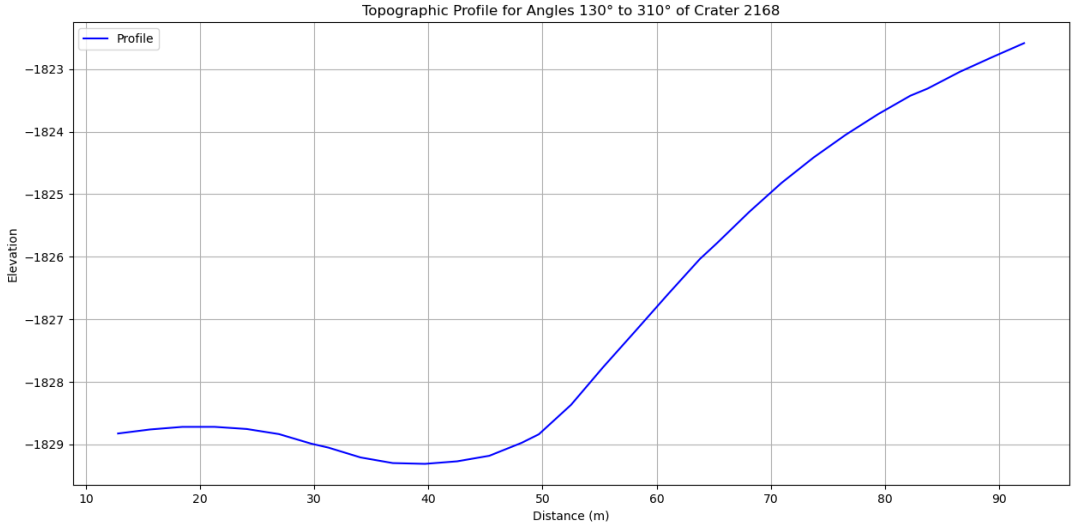

Topographic Profile for Angles 80° to 260° of Crater 2168
Profile
Elevation
Distance (m)
−1825
−1826
−1827
−1828
−1829
0
10
20
30
40
50
60
70
80

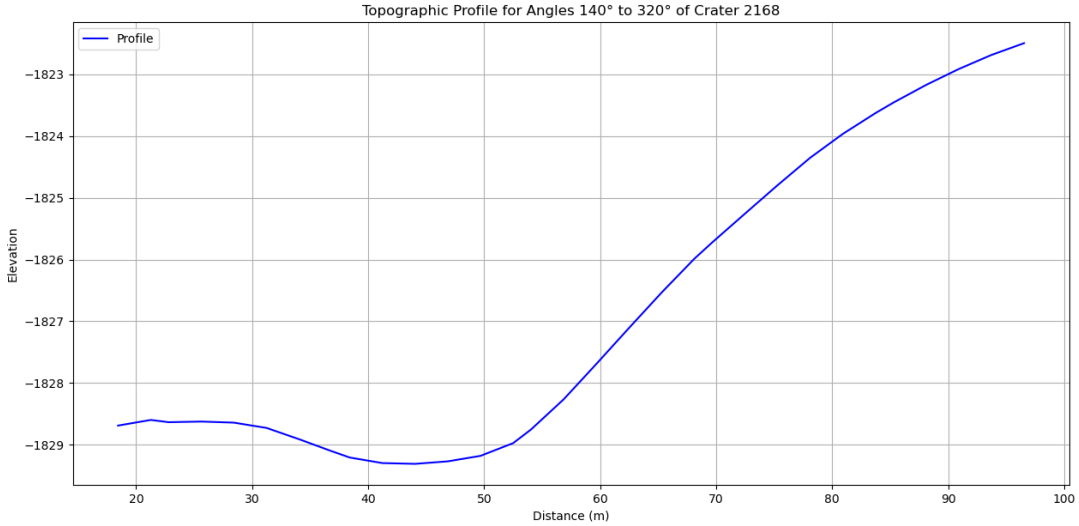

Topographic Profile for Angles 90° to 270° of Crater 2168
Profile
Elevation
−1825
−1826
−1827
−1828
−1829
0
10
20
30
40
50
60
70
80
Distance (m)

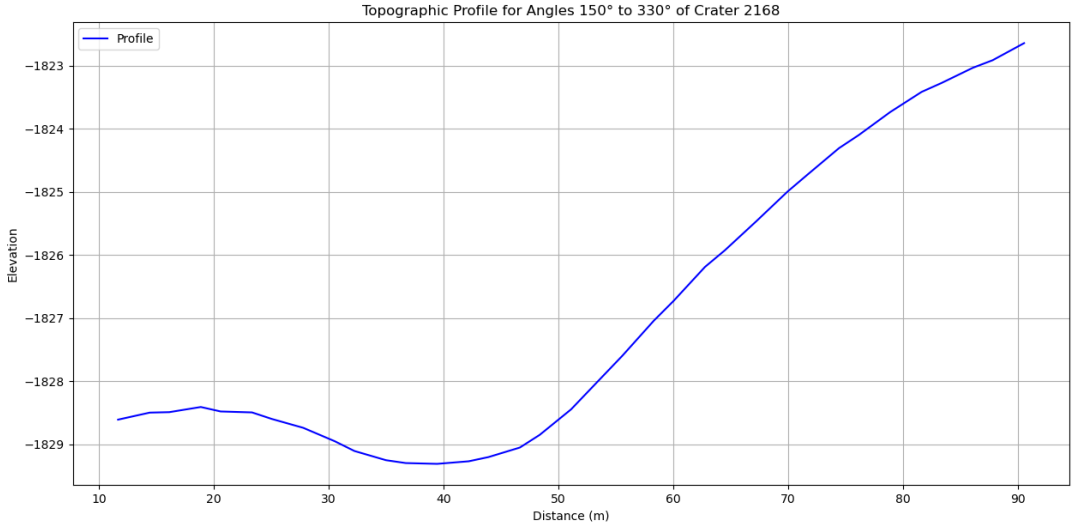

Topographic Profile for Angles 100° to 280° of Crater 2168
Profile
Elevation
−1824
−1825
−1826
−1827
−1828
−1829
10
20
30
40
50
60
70
80
Distance (m)

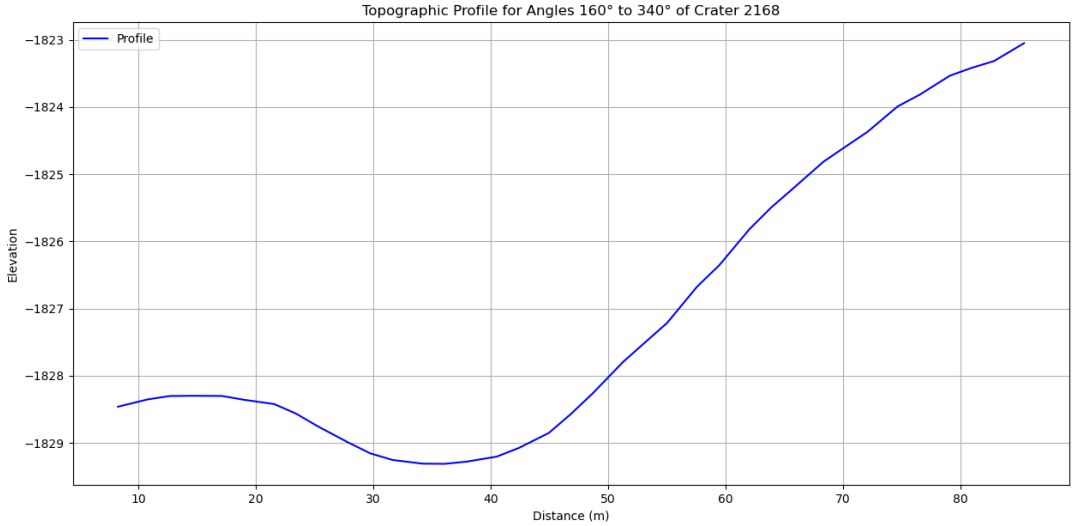

Topographic Profile for Angles 110° to 290° of Crater 2168
Profile
Elevation
Distance (m)
−1823
−1824
−1825
−1826
−1827
−1828
−1829
10
20
30
40
50
60
70
80

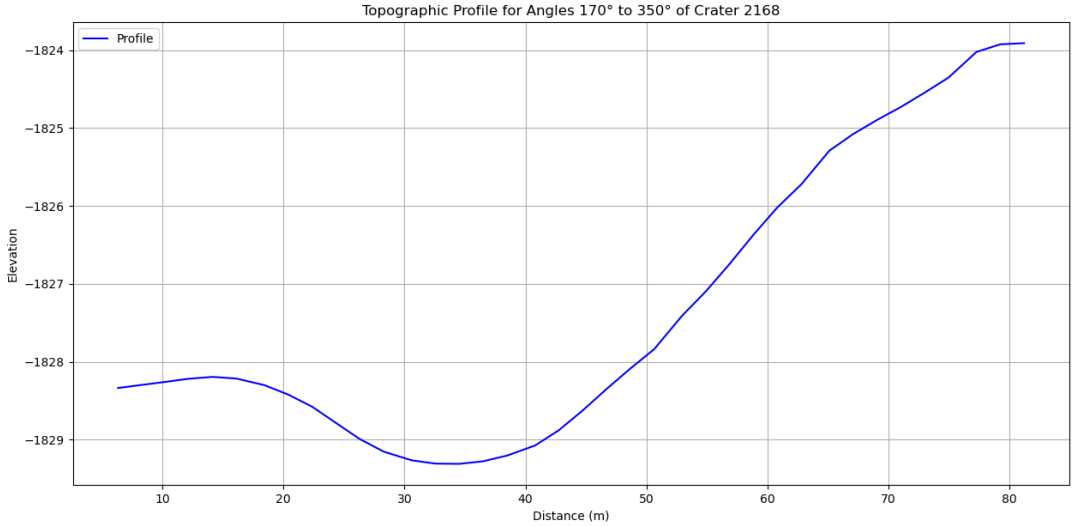

Topographic Profile for Angles 120° to 300° of Crater 2168
Profile
Elevation
Distance (m)
−1823
−1824
−1825
−1826
−1827
−1828
−1829
10
20
30
40
50
60
70
80
90


Topographic Profile for Angles 130° to 310° of Crater 2168
Profile
Elevation
−1823
−1824
−1825
−1826
−1827
−1828
−1829
10
20
30
40
50
60
70
80
90
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2168
Profile
Elevation
−1823
−1824
−1825
−1826
−1827
−1828
−1829
20
30
40
50
60
70
80
90
100
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2168
Profile
Elevation
−1823
−1824
−1825
−1826
−1827
−1828
−1829
10
20
30
40
50
60
70
80
90
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 2168
Profile
Elevation
−1823
−1824
−1825
−1826
−1827
−1828
−1829
10
20
30
40
50
60
70
80
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 2168
Profile
Elevation
−1824
−1825
−1826
−1827
−1828
−1829
10
20
30
40
50
60
70
80
Distance (m)