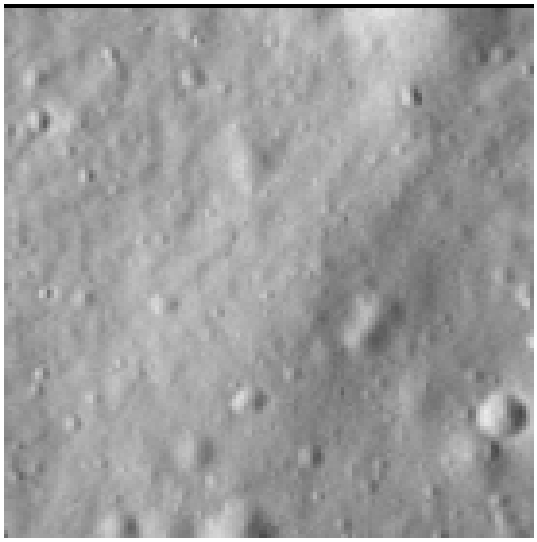
Crater report 2168 of RG2

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

Slope : Between 2.01° et 9.62°

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)

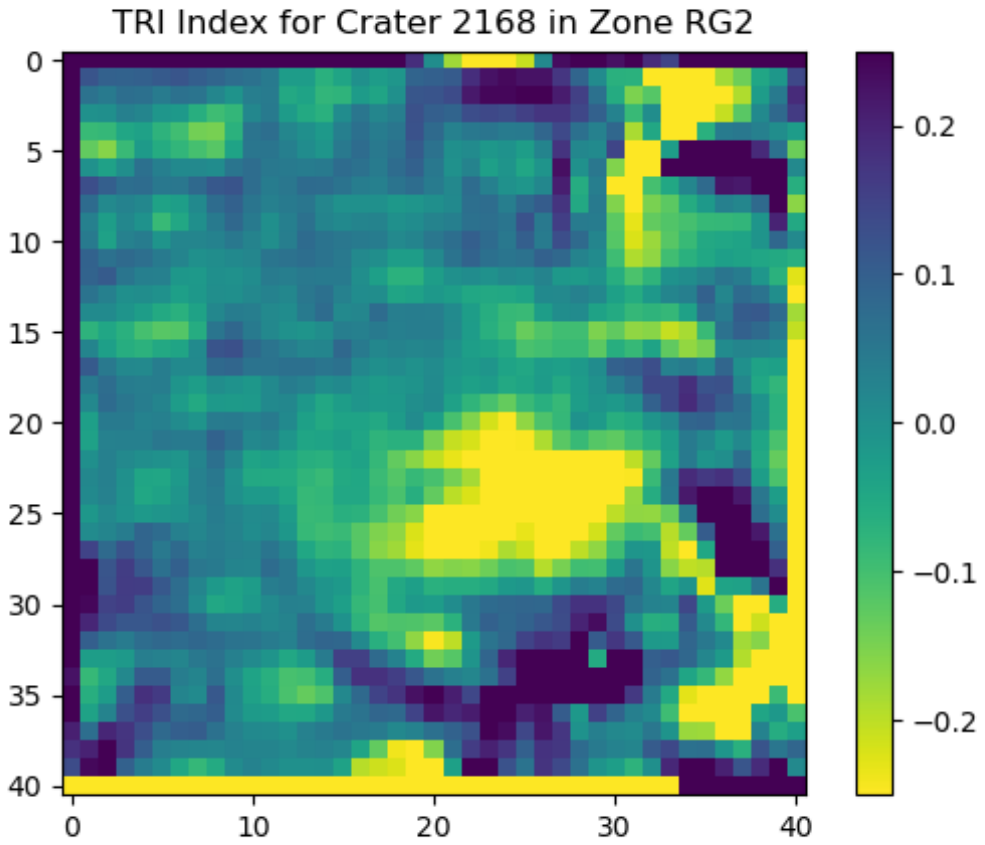
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	7.85	0.57
10°	5.41	0.54
20°	4.09	0.52
30°	3.43	0.47
40°	3.51	0.46
50°	2.92	0.43
60°	3.69	0.46
70°	3.23	0.52
80°	3.21	0.57
90°	2.94	0.57
100°	2.05	0.54
110°	2.01	0.53

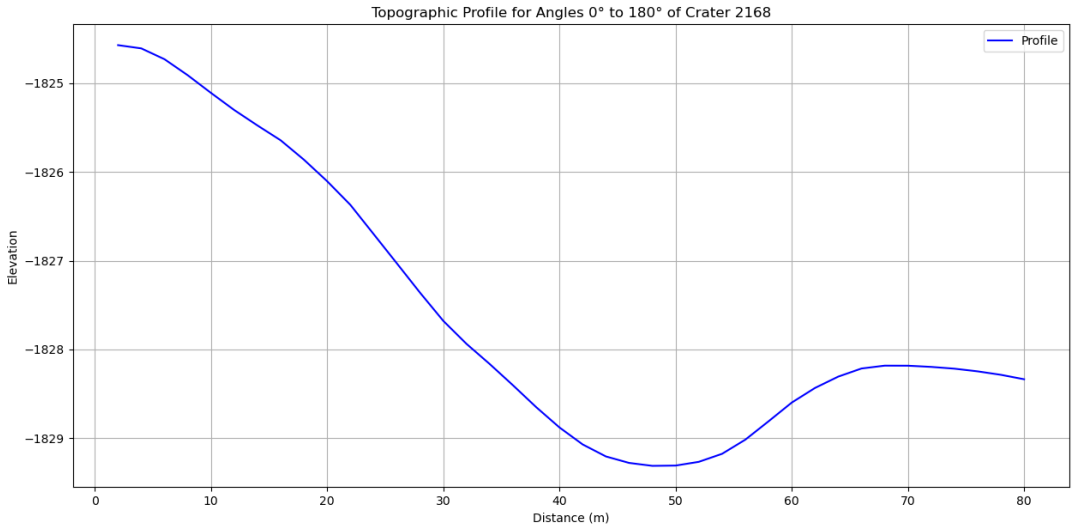
120°	2.44	0.46
130°	2.7	0.46
140°	3.52	0.46
150°	3.86	0.46
160°	4.97	0.52
170°	5.23	0.57
180°	5.54	0.57
190°	5.05	0.57
200°	4.02	0.49
210°	3.43	0.48
220°	3.97	0.43
230°	4.71	0.43
240°	5.61	0.47
250°	7.05	0.52
260°	8.2	0.55
270°	8.58	0.57
280°	8.58	0.55
290°	8.62	0.51
300°	8.42	0.48
310°	9.57	0.42
320°	9.62	0.42
330°	8.83	0.49
340°	8.81	0.51
350°	8.59	0.54

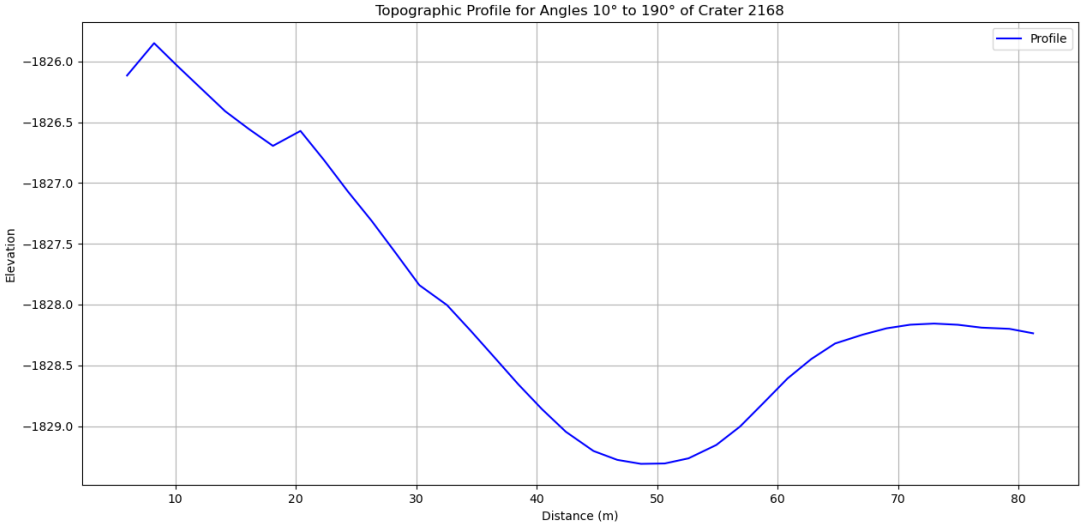
Topographic roughness index (TRI)

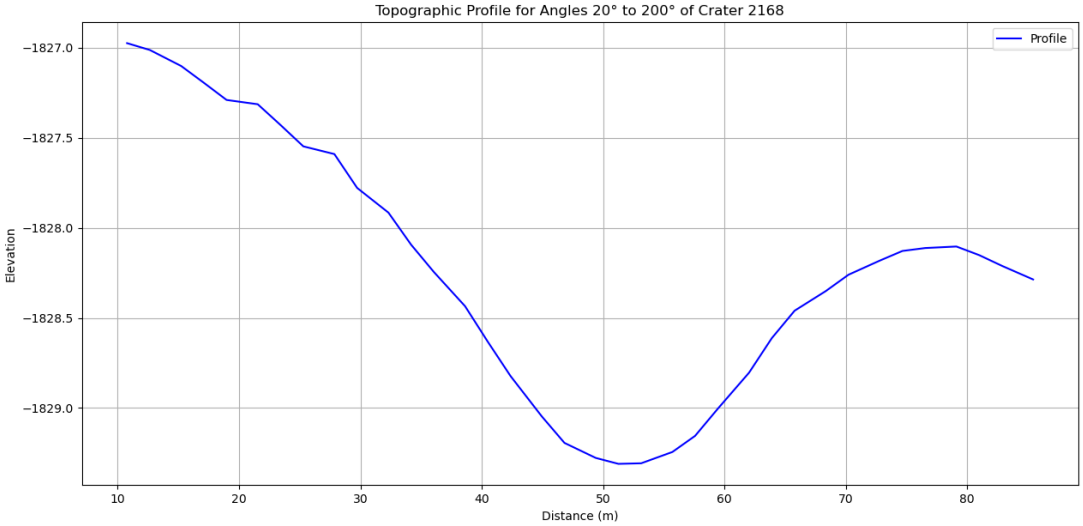
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

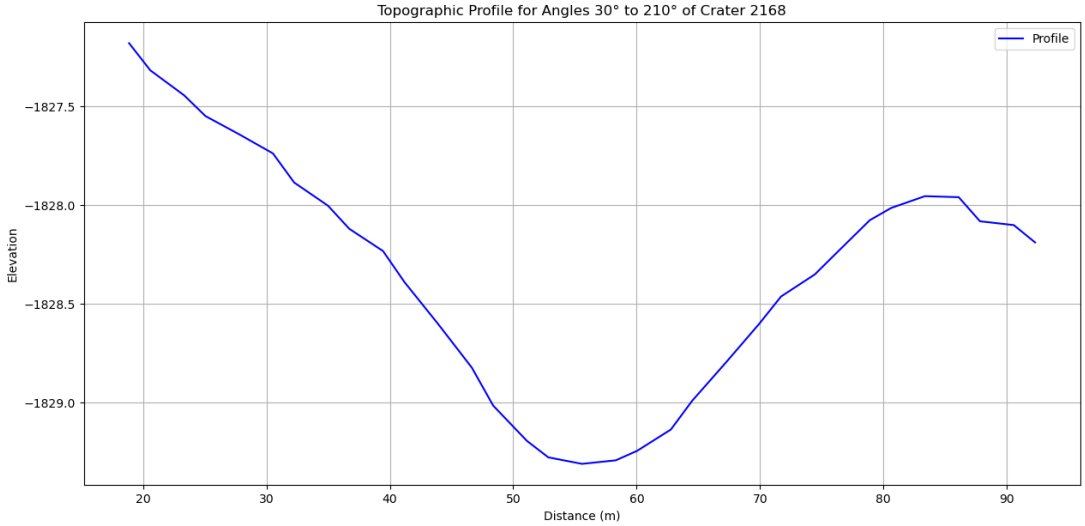


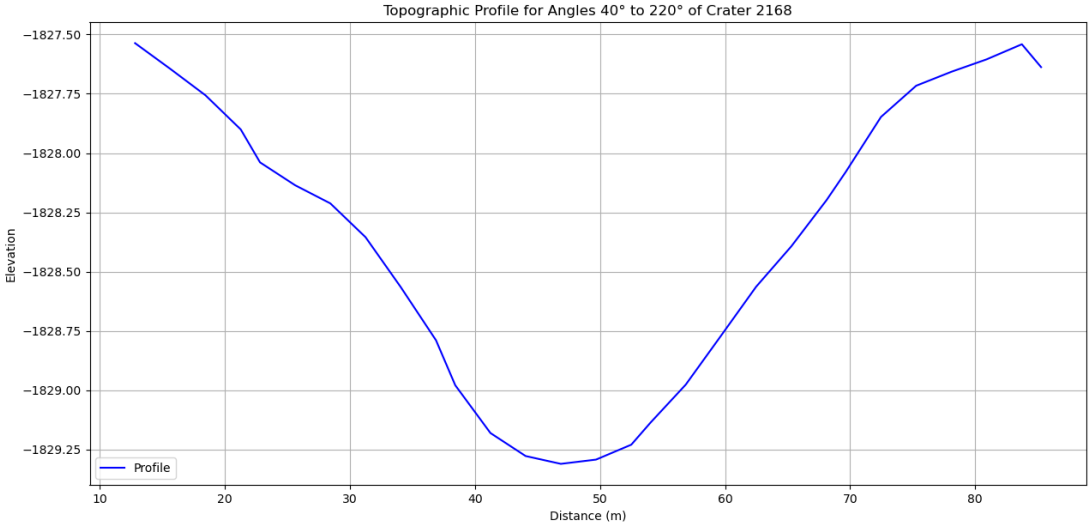
Topographic profiles

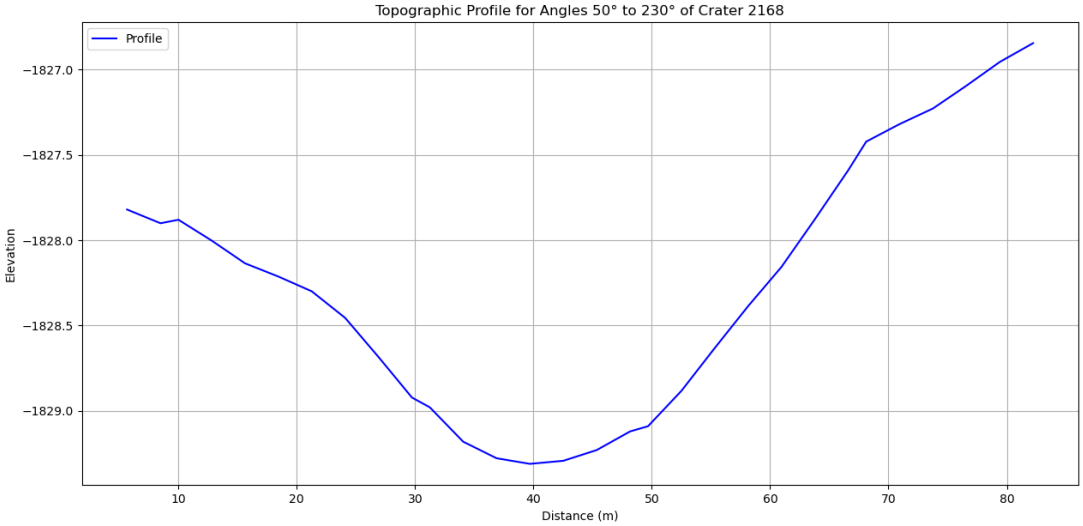


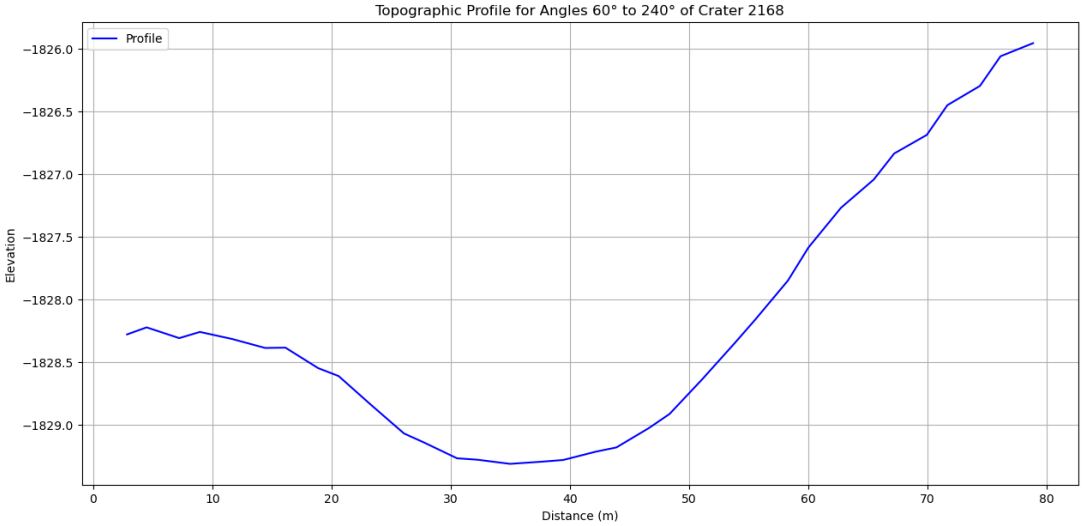

Topographic Profile for Angles 10° to 190° of Crater 2168
Profile
Elevation
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
10
20
30
40
50
60
70
80
Distance (m)

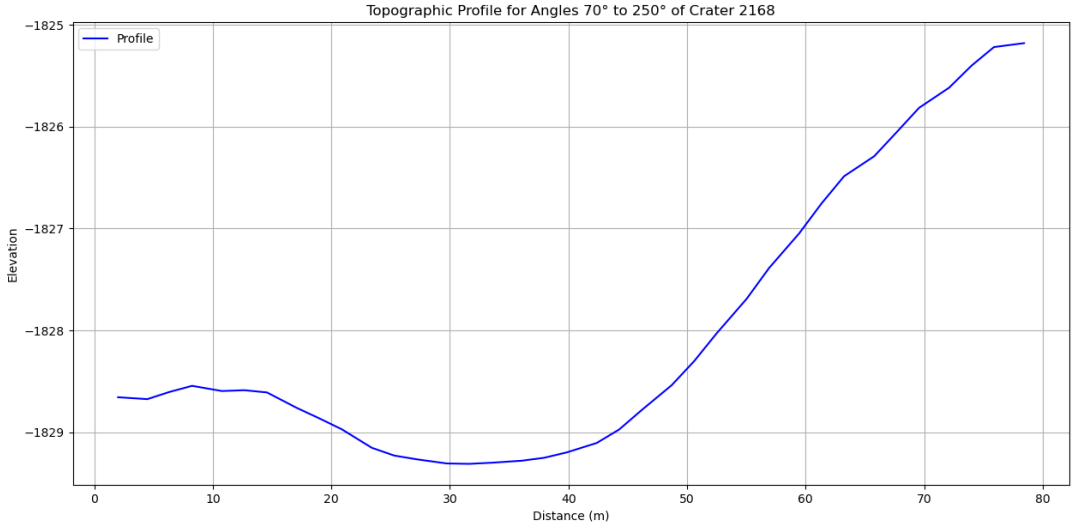

Topographic Profile for Angles 20° to 200° of Crater 2168
Profile
Elevation
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
10
20
30
40
50
60
70
80
Distance (m)

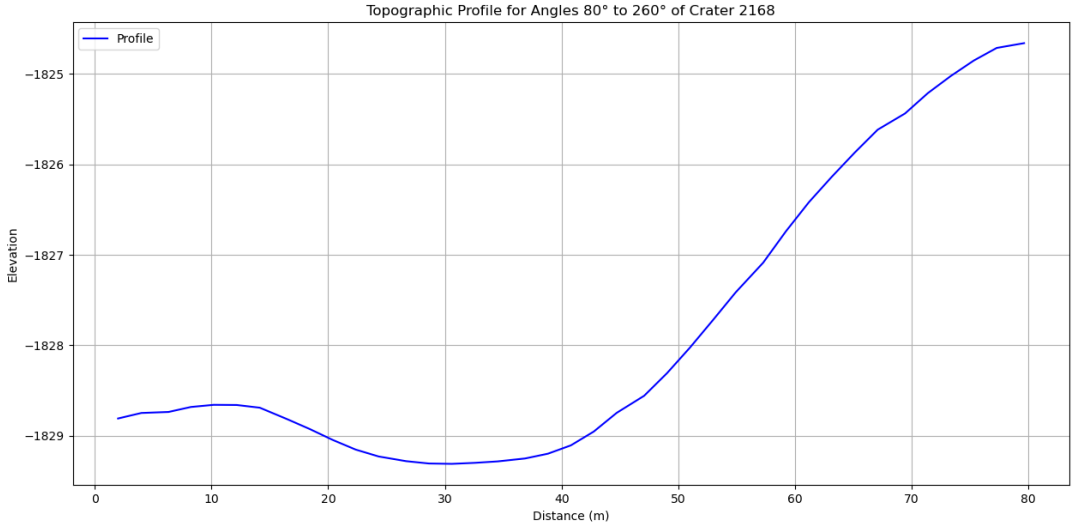

Topographic Profile for Angles 30° to 210° of Crater 2168
Profile
Elevation
−1827.5
−1828.0
−1828.5
−1829.0
20
30
40
50
60
70
80
90
Distance (m)

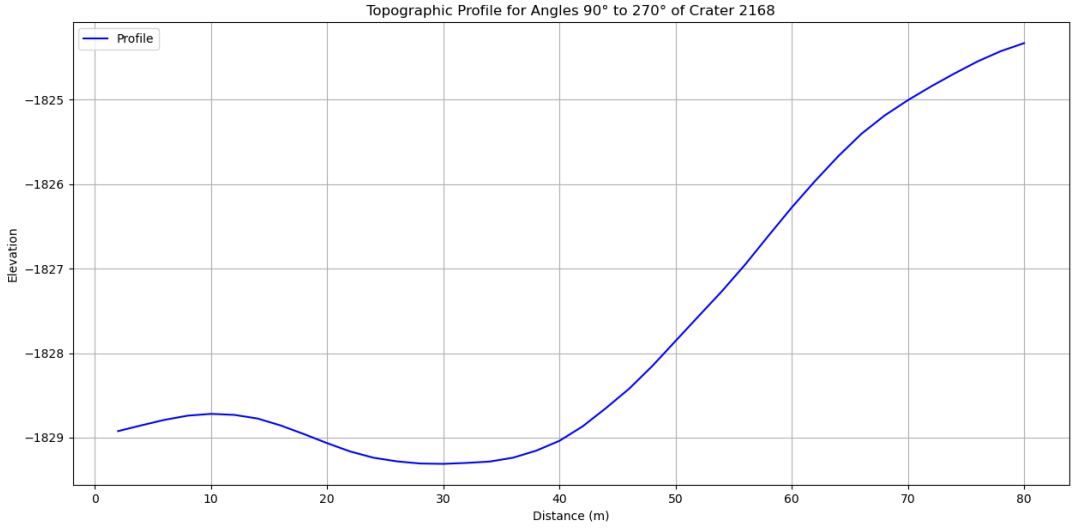

Topographic Profile for Angles 40° to 220° of Crater 2168
Elevation
−1827.50
−1827.75
−1828.00
−1828.25
−1828.50
−1828.75
−1829.00
−1829.25
Profile
10
20
30
40
50
60
70
80
Distance (m)

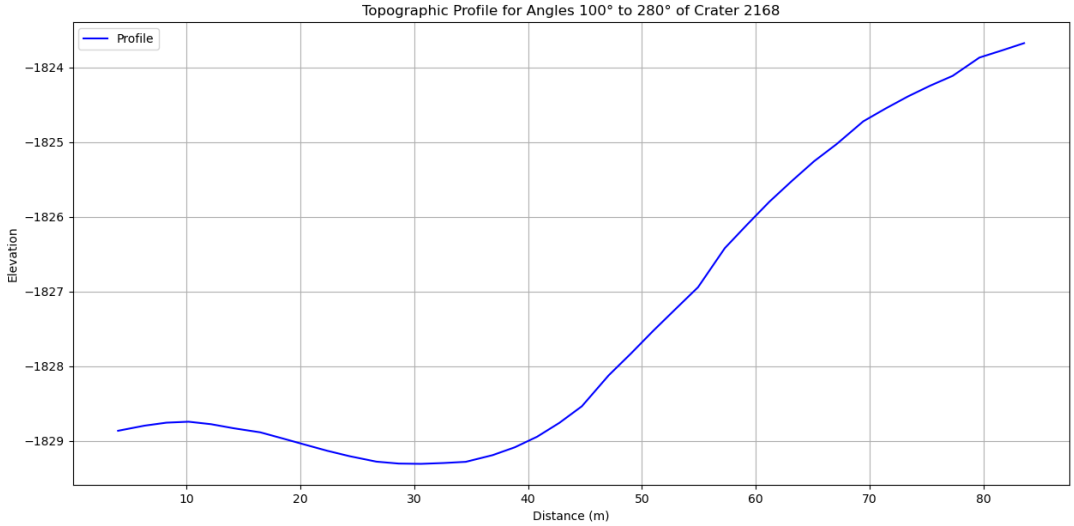

Topographic Profile for Angles 50° to 230° of Crater 2168
Profile
Elevation
Distance (m)
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
10
20
30
40
50
60
70
80

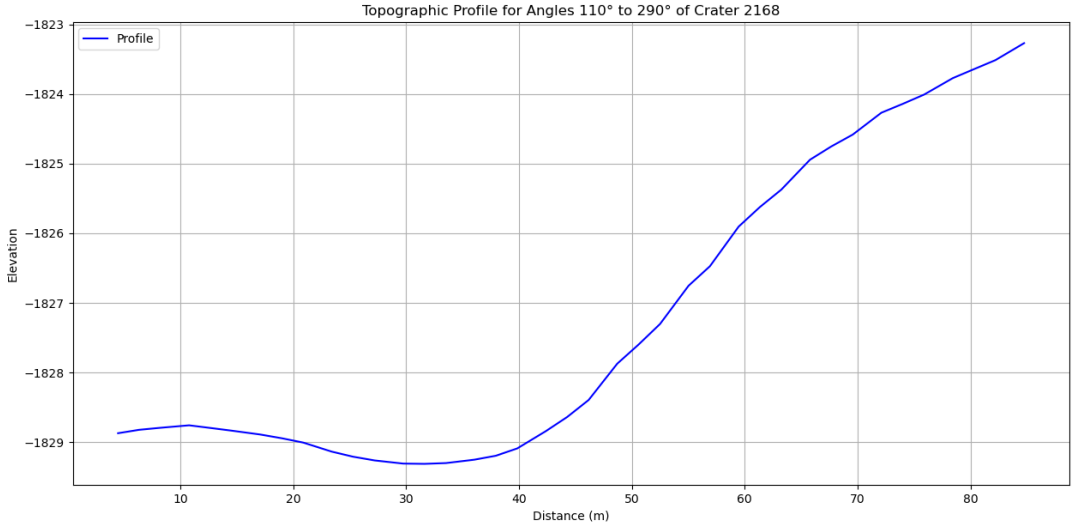

Topographic Profile for Angles 60° to 240° of Crater 2168
Profile
Elevation
Distance (m)
−1826.0
−1826.5
−1827.0
−1827.5
−1828.0
−1828.5
−1829.0
0
10
20
30
40
50
60
70
80

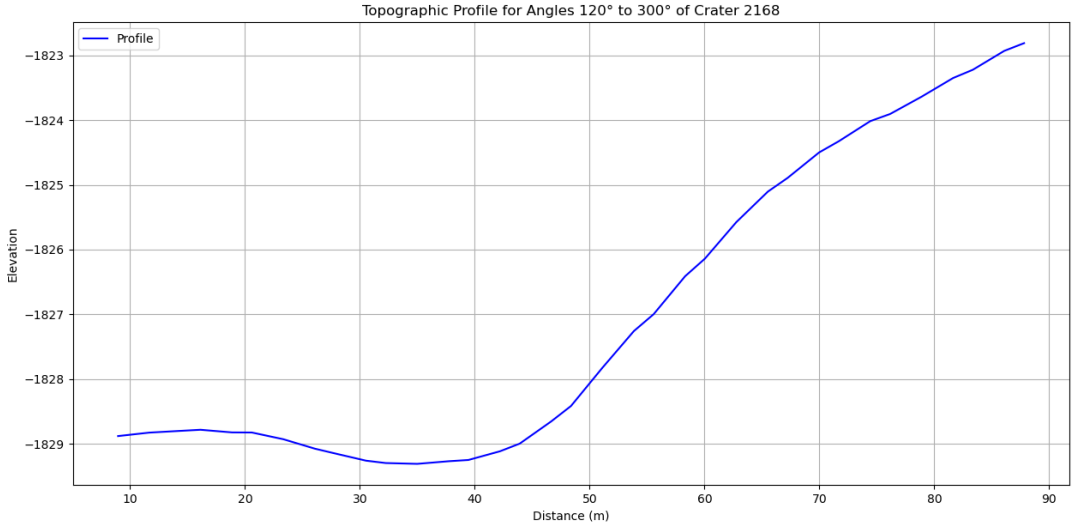

Topographic Profile for Angles 70° to 250° of Crater 2168
Profile
Elevation
Distance (m)
−1825
−1826
−1827
−1828
−1829
0
10
20
30
40
50
60
70
80

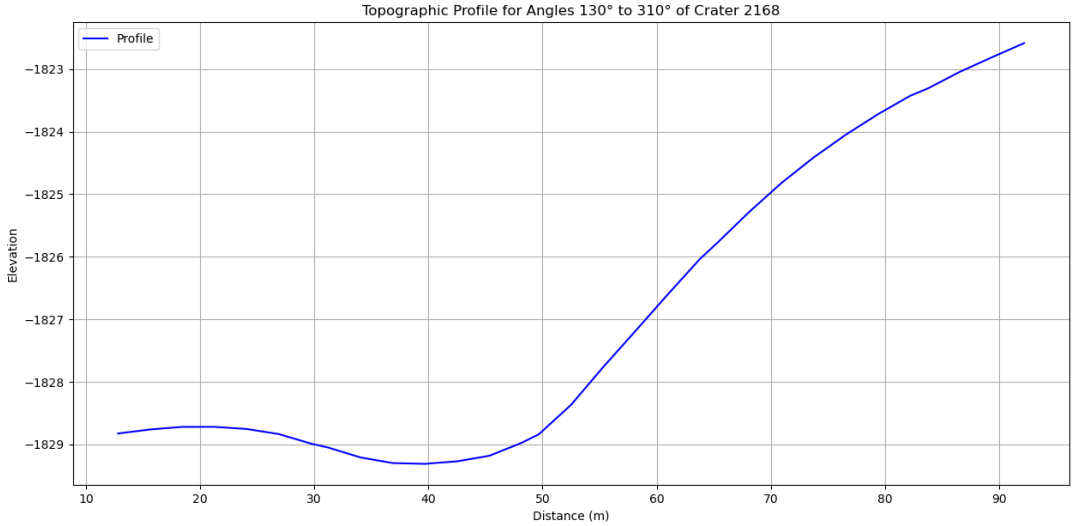

Topographic Profile for Angles 80° to 260° of Crater 2168
Profile
Elevation
Distance (m)
−1825
−1826
−1827
−1828
−1829
0
10
20
30
40
50
60
70
80

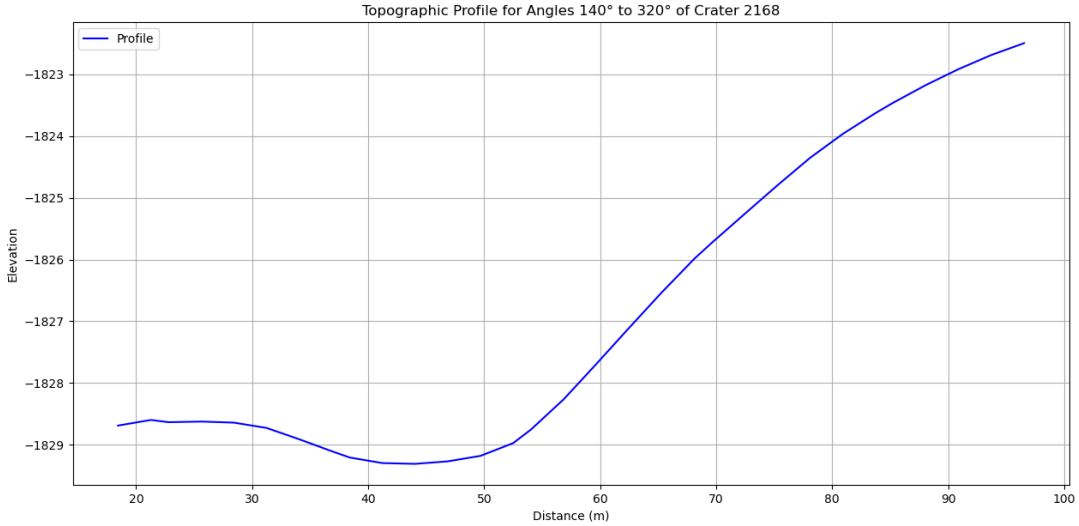

Topographic Profile for Angles 90° to 270° of Crater 2168
Profile
Elevation
−1825
−1826
−1827
−1828
−1829
0
10
20
30
40
50
60
70
80
Distance (m)

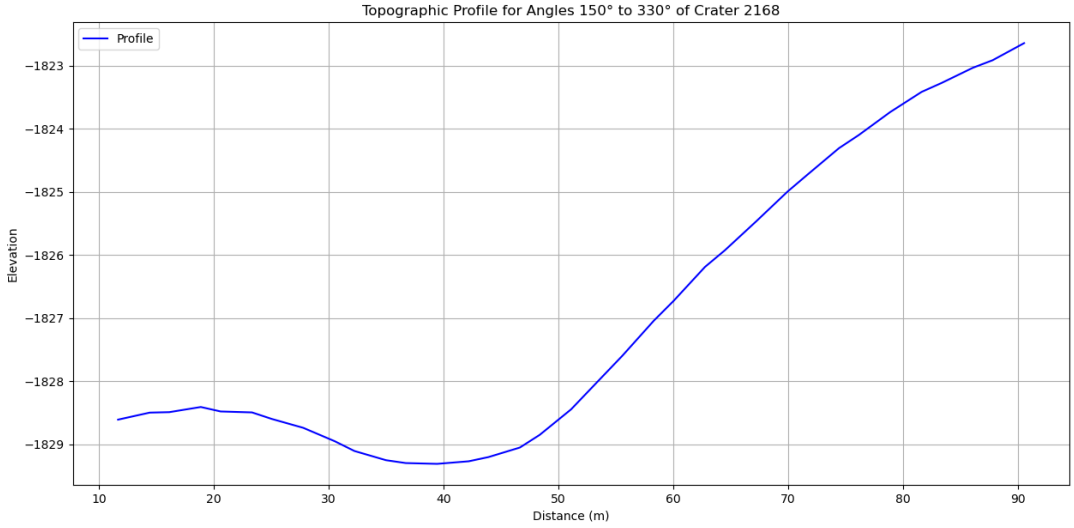

Topographic Profile for Angles 100° to 280° of Crater 2168
Profile
Elevation
−1824
−1825
−1826
−1827
−1828
−1829
10
20
30
40
50
60
70
80
Distance (m)

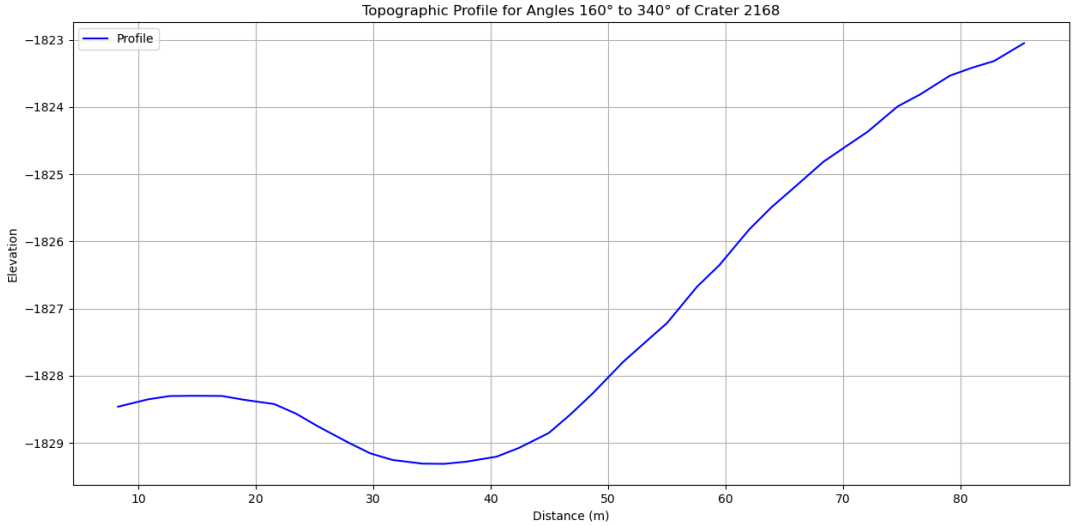

Topographic Profile for Angles 110° to 290° of Crater 2168
Profile
Elevation
Distance (m)
−1823
−1824
−1825
−1826
−1827
−1828
−1829
10
20
30
40
50
60
70
80

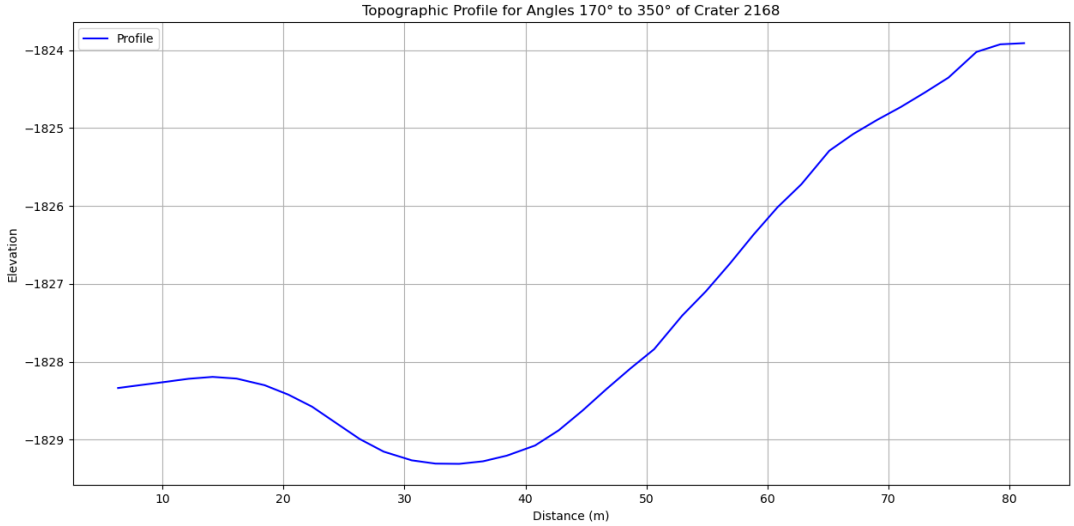

Topographic Profile for Angles 120° to 300° of Crater 2168
Profile
Elevation
Distance (m)
−1823
−1824
−1825
−1826
−1827
−1828
−1829
10
20
30
40
50
60
70
80
90


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)