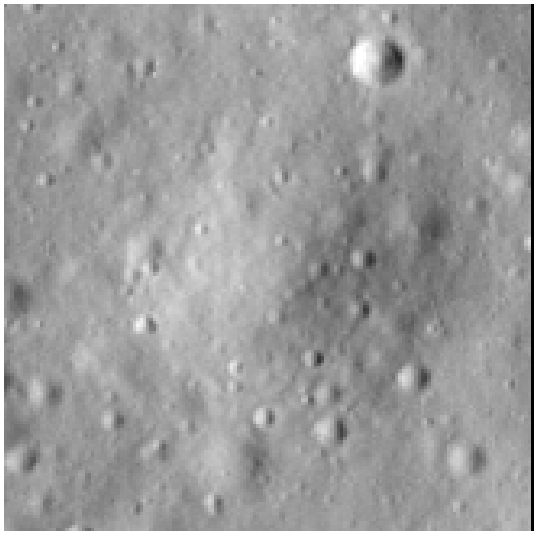
Crater report 1371 of RG2

General information



ID : 1371

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 84m ± 5.0m

Mean depht : 3.4m ± 0.3m

d/D ratio : 0.041 ± 0.004

Circularity index : 0.91

Slope : Between 3.77° et 8.43°

Mean value of TRI on the rim crest : 0.31

Geometric center coordinates : (3656250.508030813, 223097.19795731377)

Coordinates of the crater's lowest point : (3656259.0000011004, 223097.0000000658)

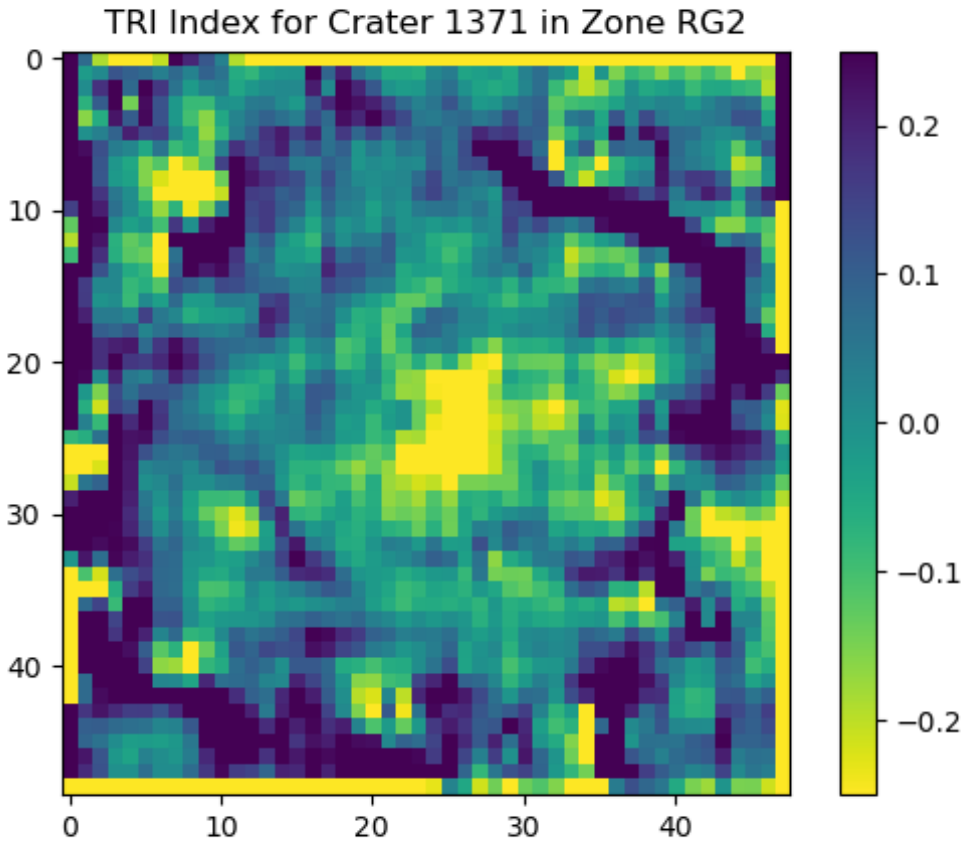
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	6.38	0.57
10°	6.12	0.55
20°	5.73	0.5
30°	5.02	0.48
40°	4.74	0.46
50°	4.96	0.43
60°	4.38	0.47
70°	4.16	0.5
80°	4.65	0.55
90°	4.63	0.57
100°	3.94	0.55
110°	3.77	0.5

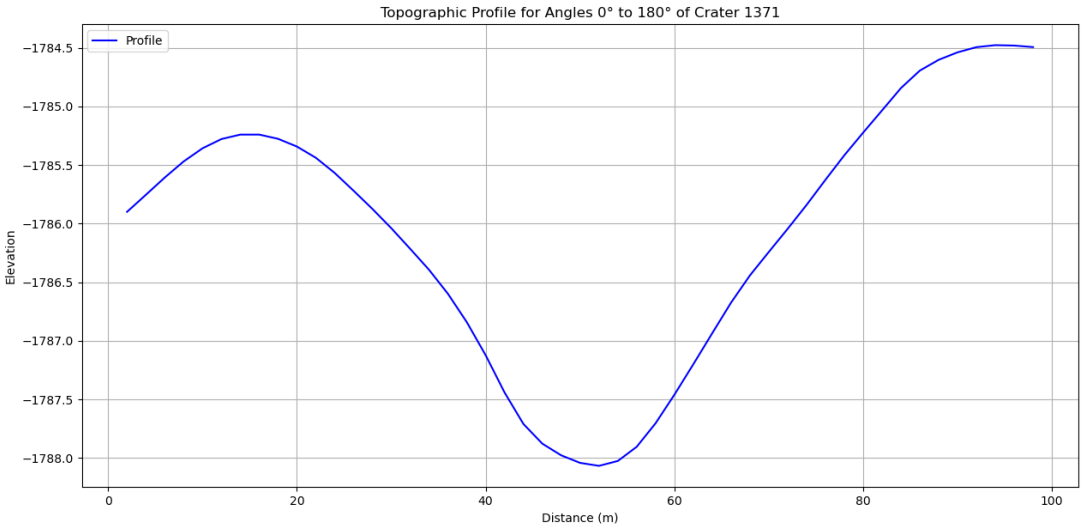
120°	4.08	0.48
130°	4.83	0.43
140°	5.05	0.43
150°	4.83	0.48
160°	4.96	0.5
170°	5.71	0.56
180°	6.38	0.57
190°	6.64	0.55
200°	6.99	0.51
210°	7.58	0.48
220°	8.21	0.43
230°	8.43	0.43
240°	7.54	0.47
250°	7.07	0.51
260°	7.47	0.54
270°	8.17	0.57
280°	7.49	0.54
290°	7.59	0.52
300°	8.12	0.47
310°	8.29	0.43
320°	8.09	0.43
330°	7.27	0.48
340°	6.19	0.52
350°	6.21	0.53

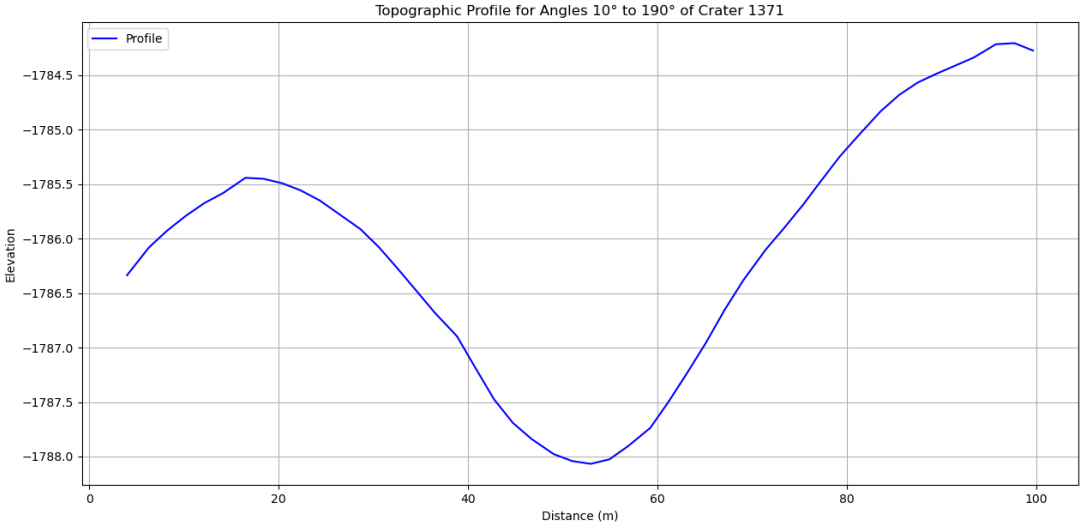
Topographic roughness index (TRI)

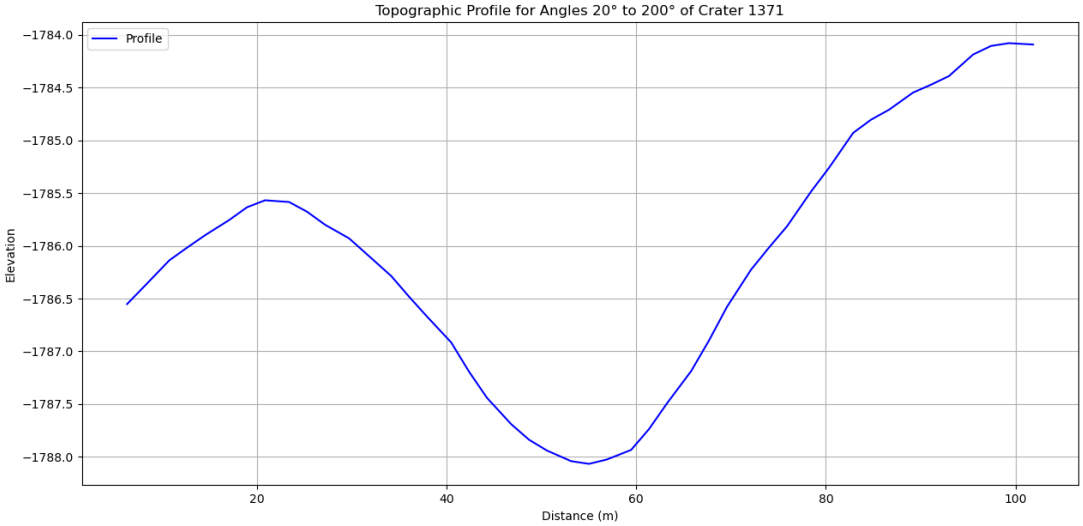
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

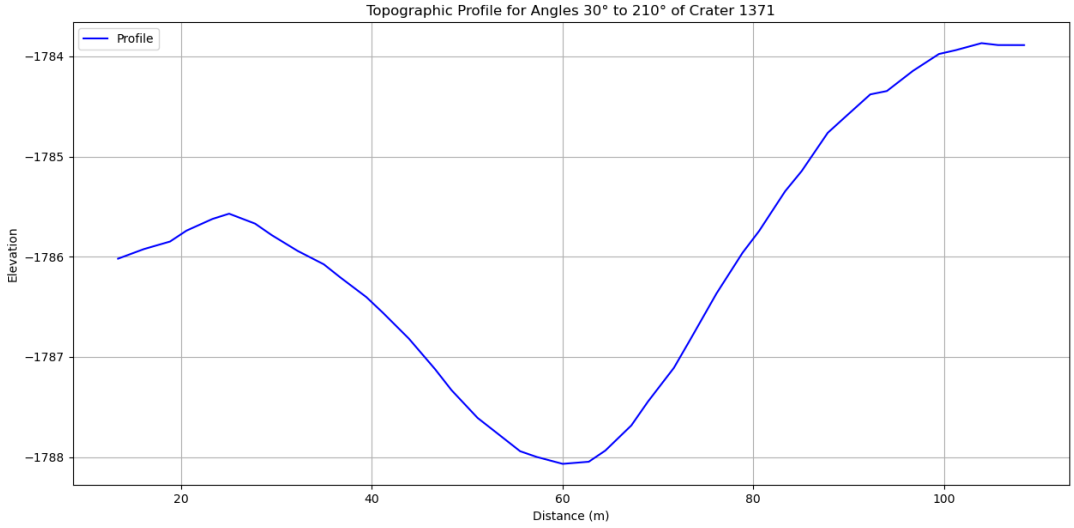


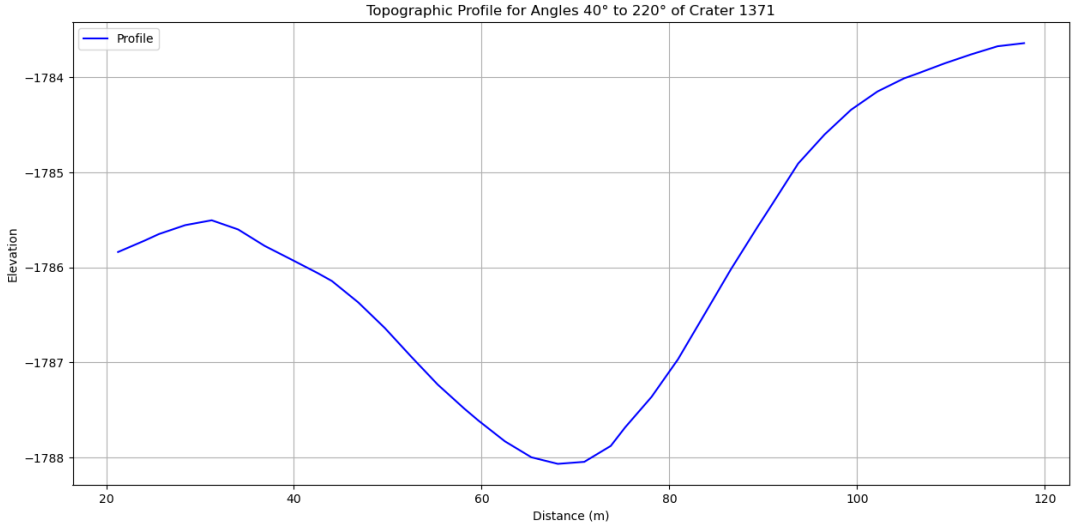
Topographic profiles

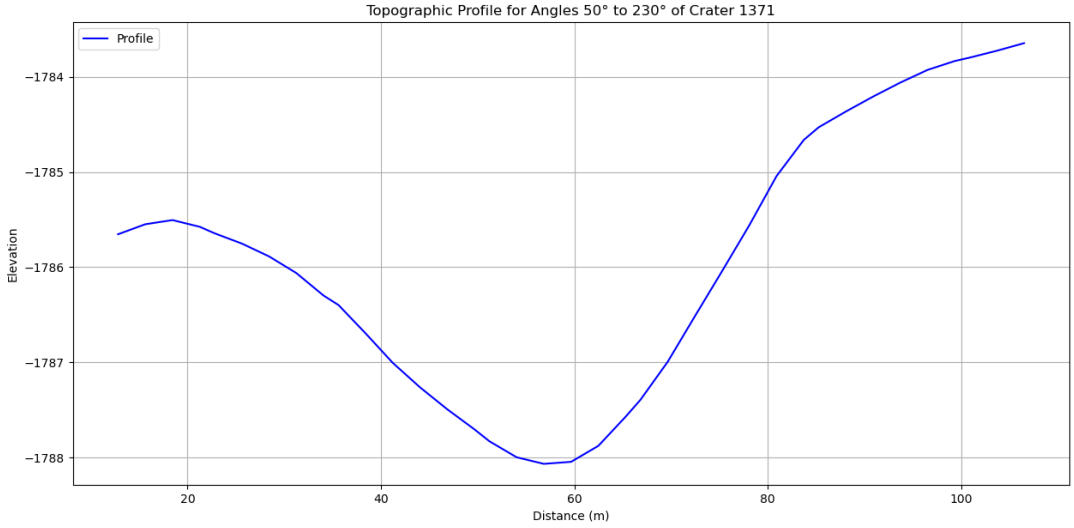


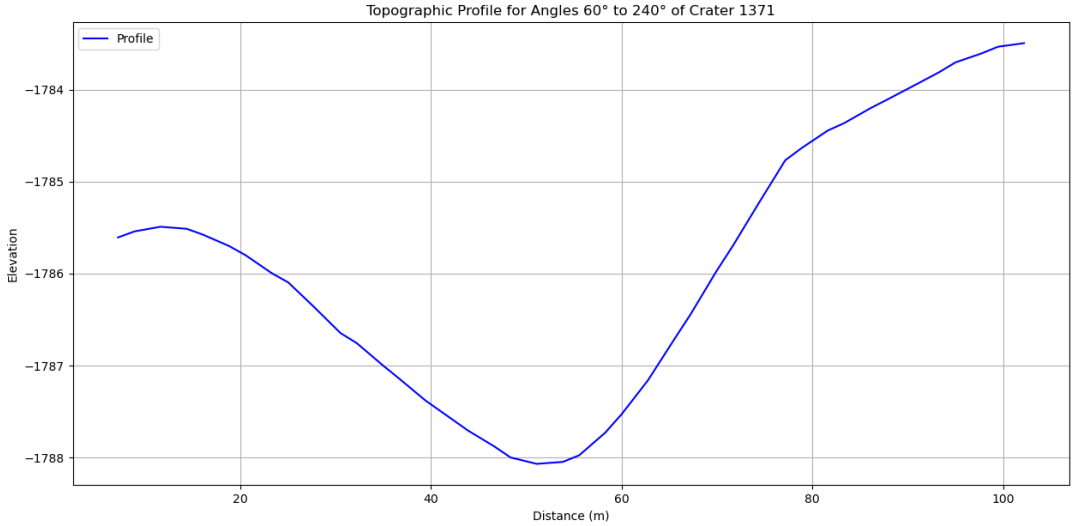

Topographic Profile for Angles 10° to 190° of Crater 1371
Profile
Elevation
−1784.5
−1785.0
−1785.5
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
0
20
40
60
80
100
Distance (m)

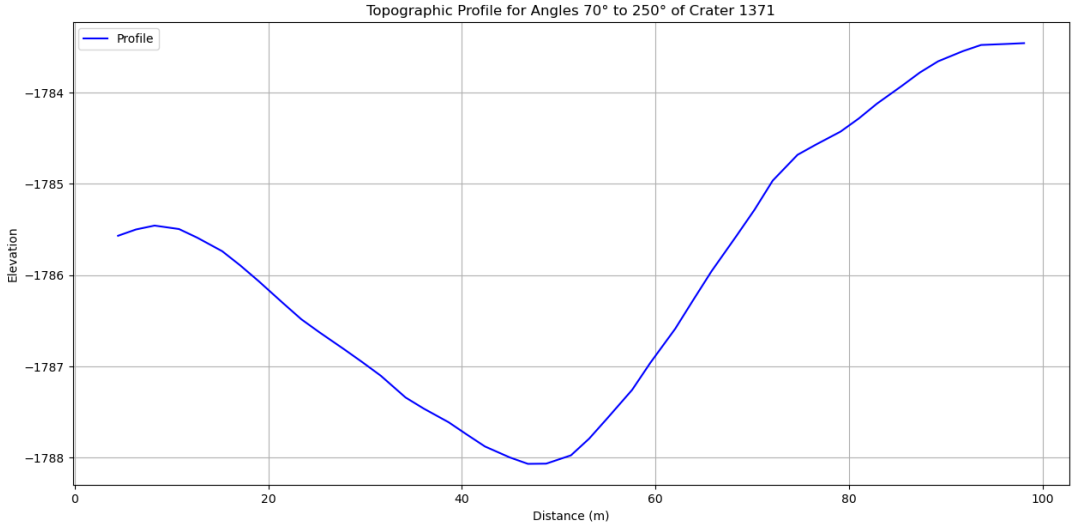

Topographic Profile for Angles 20° to 200° of Crater 1371
Profile
Elevation
−1784.0
−1784.5
−1785.0
−1785.5
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
20
40
60
80
100
Distance (m)

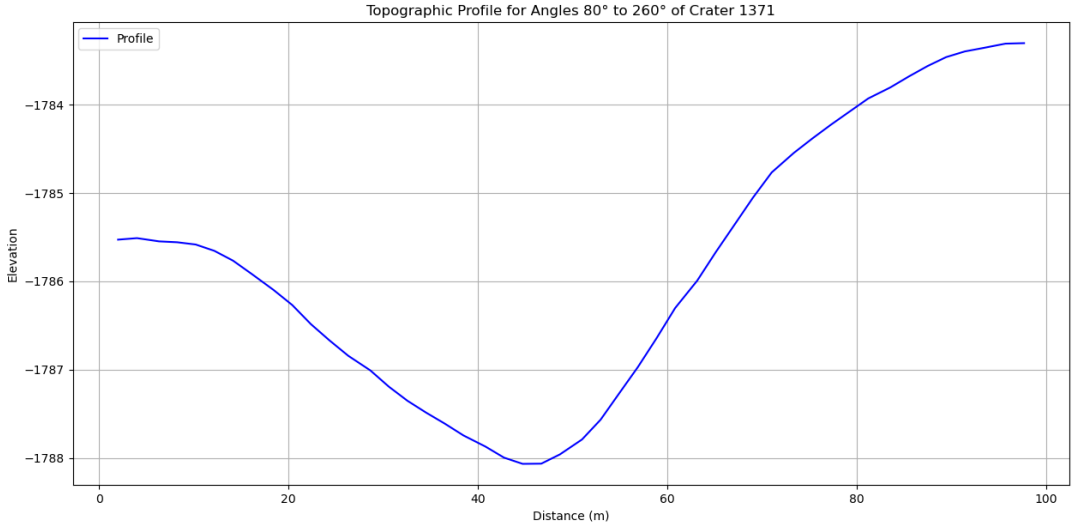

Topographic Profile for Angles 30° to 210° of Crater 1371
Profile
Elevation
−1784
−1785
−1786
−1787
−1788
20
40
60
80
100
Distance (m)

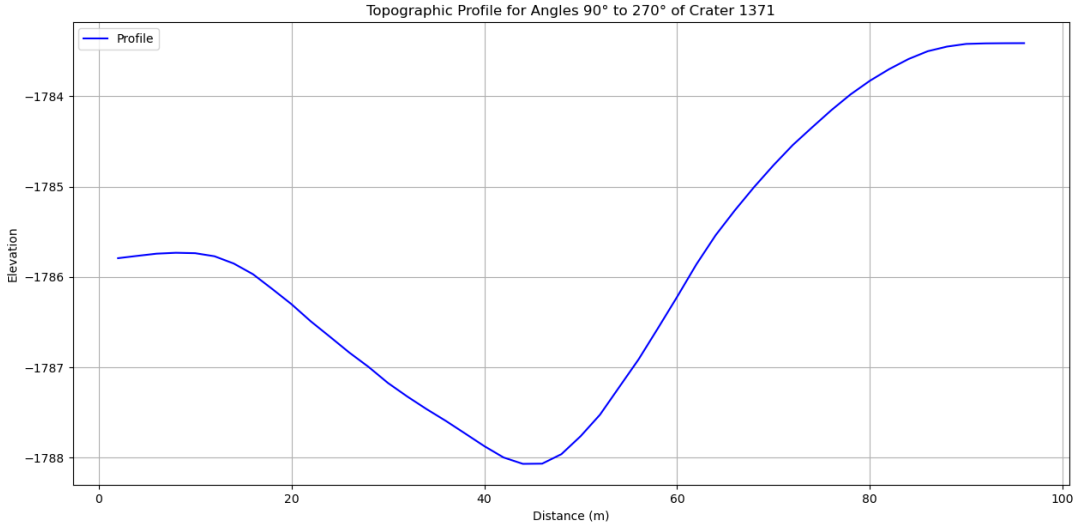

Topographic Profile for Angles 40° to 220° of Crater 1371
Profile
Elevation
−1784
−1785
−1786
−1787
−1788
20
40
60
80
100
120
Distance (m)

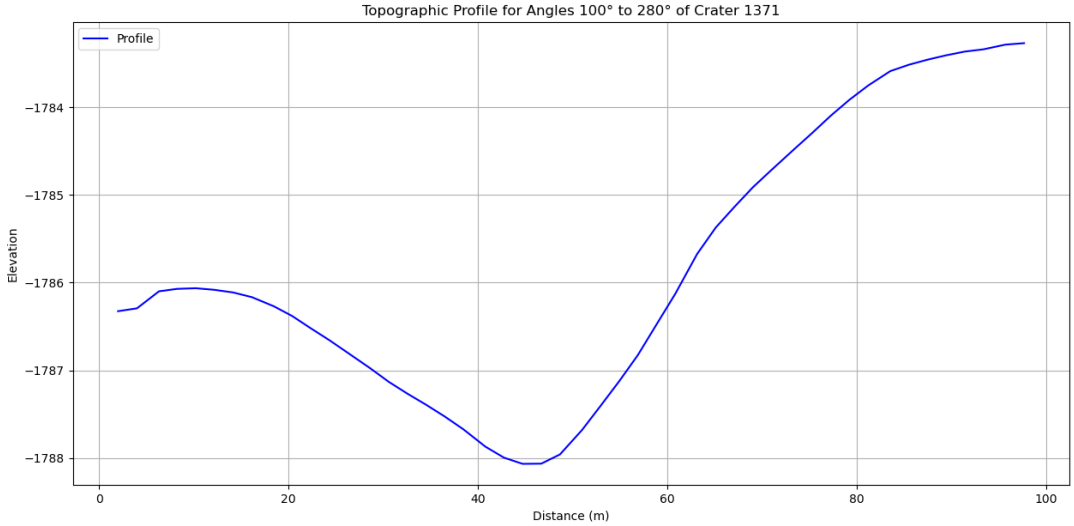

Topographic Profile for Angles 50° to 230° of Crater 1371
Profile
−1784
−1785
−1786
−1787
−1788
Elevation
20
40
60
80
100
Distance (m)

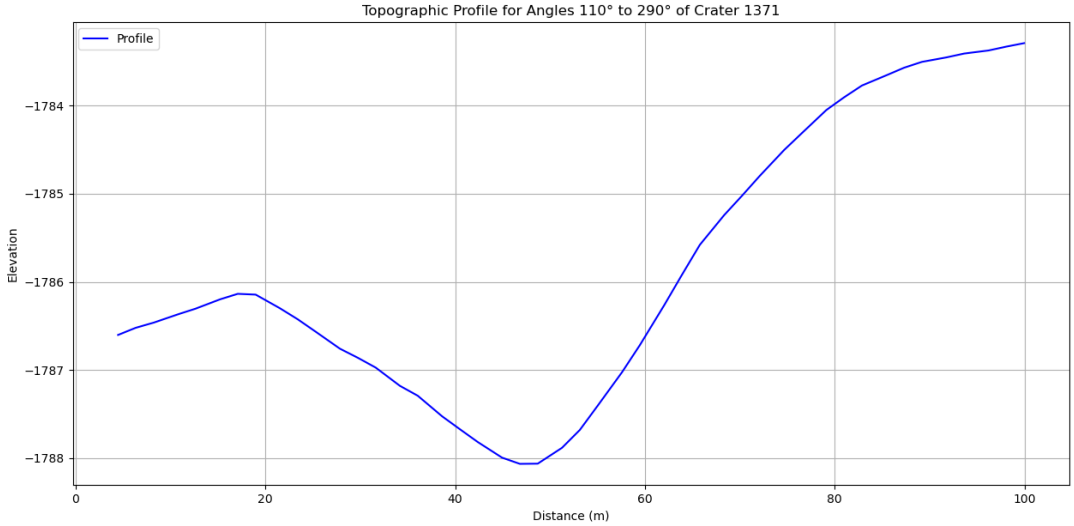

Topographic Profile for Angles 60° to 240° of Crater 1371
Profile
−1784
−1785
−1786
−1787
−1788
Elevation
20
40
60
80
100
Distance (m)

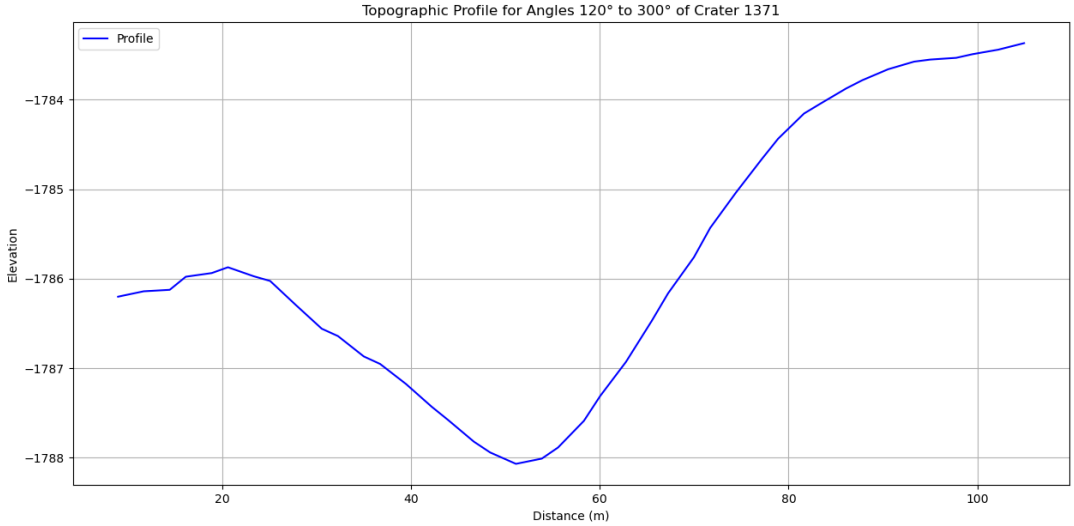

Topographic Profile for Angles 70° to 250° of Crater 1371
Profile
Elevation
Distance (m)
−1784
−1785
−1786
−1787
−1788
0
20
40
60
80
100

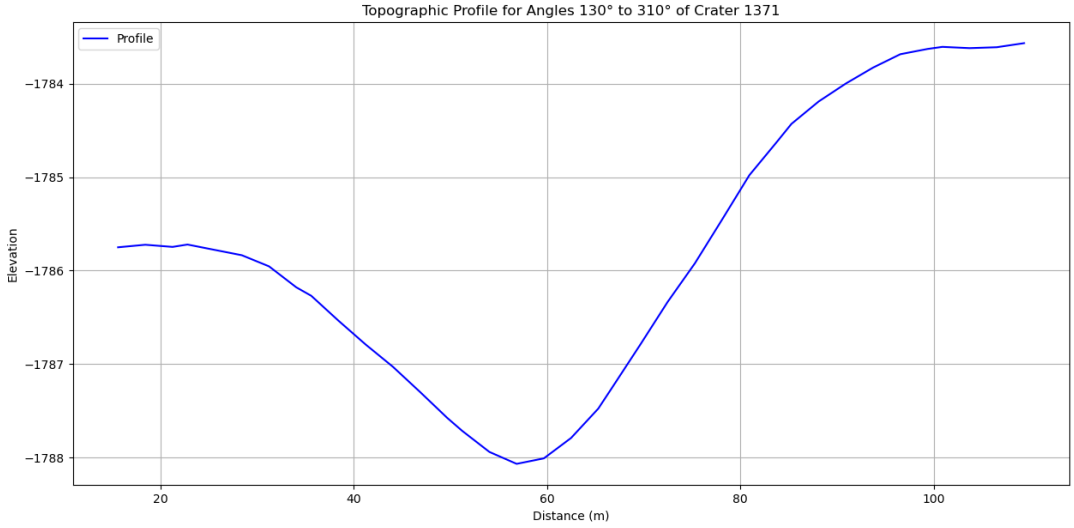

Topographic Profile for Angles 80° to 260° of Crater 1371
Profile
Elevation
Distance (m)
−1784
−1785
−1786
−1787
−1788
0
20
40
60
80
100

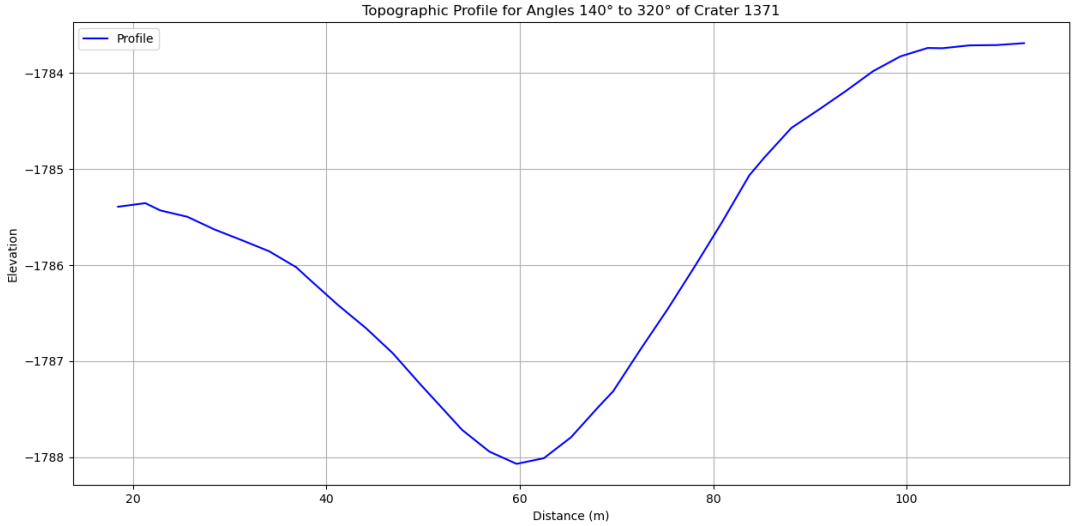

Topographic Profile for Angles 90° to 270° of Crater 1371
Profile
Elevation
−1784
−1785
−1786
−1787
−1788
0
20
40
60
80
100
Distance (m)

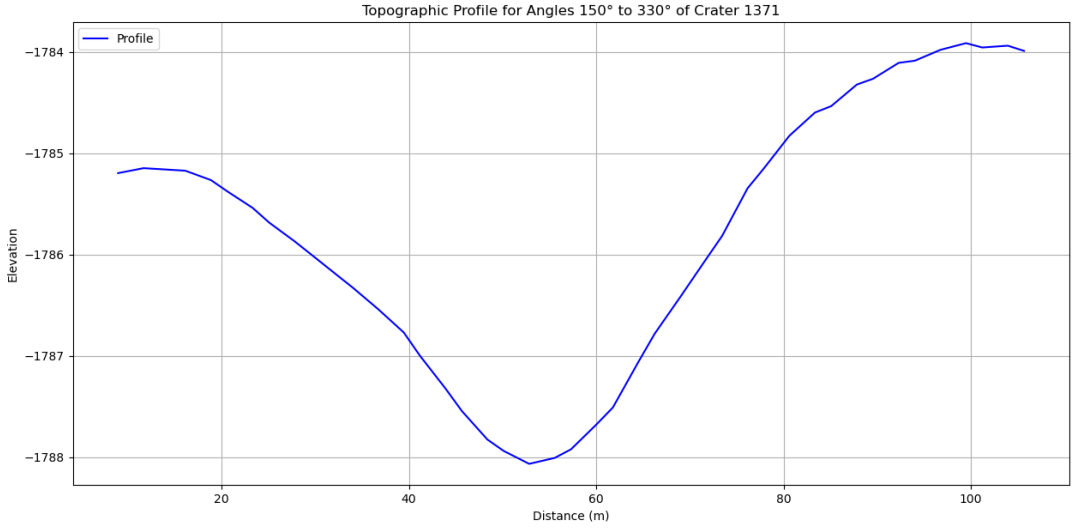

Topographic Profile for Angles 100° to 280° of Crater 1371
Profile
Elevation
−1784
−1785
−1786
−1787
−1788
0
20
40
60
80
100
Distance (m)

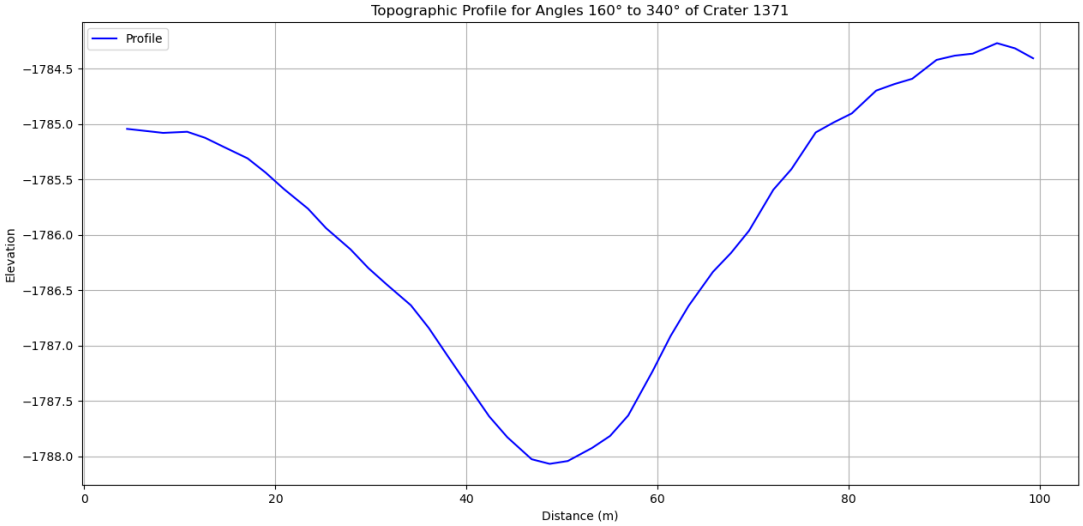

Topographic Profile for Angles 110° to 290° of Crater 1371
Profile
Elevation
−1784
−1785
−1786
−1787
−1788
0
20
40
60
80
100
Distance (m)

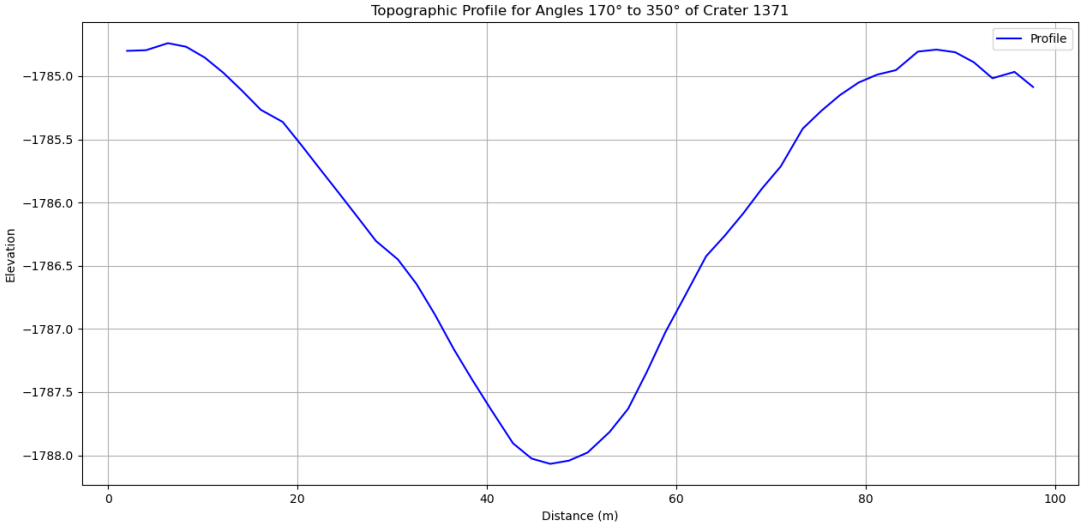

Topographic Profile for Angles 120° to 300° of Crater 1371
Profile
Elevation
−1784
−1785
−1786
−1787
−1788
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 1371
Profile
−1784
−1785
−1786
−1787
−1788
Elevation
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 1371
Profile
−1784
−1785
−1786
−1787
−1788
Elevation
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 1371
Profile
Elevation
Distance (m)
−1784
−1785
−1786
−1787
−1788
20
40
60
80
100


Topographic Profile for Angles 160° to 340° of Crater 1371
Profile
Elevation
Distance (m)
−1784.5
−1785.0
−1785.5
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
0
20
40
60
80
100


Topographic Profile for Angles 170° to 350° of Crater 1371
Profile
Elevation
−1785.0
−1785.5
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
0
20
40
60
80
100
Distance (m)