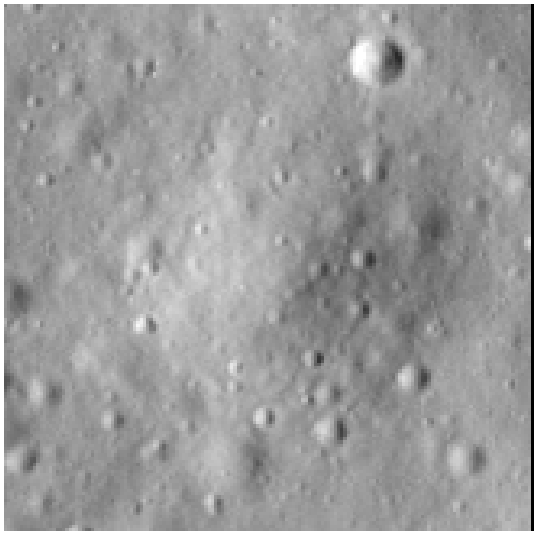
Crater report 1371 of RG2

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

Mean slope : 5.34°

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)

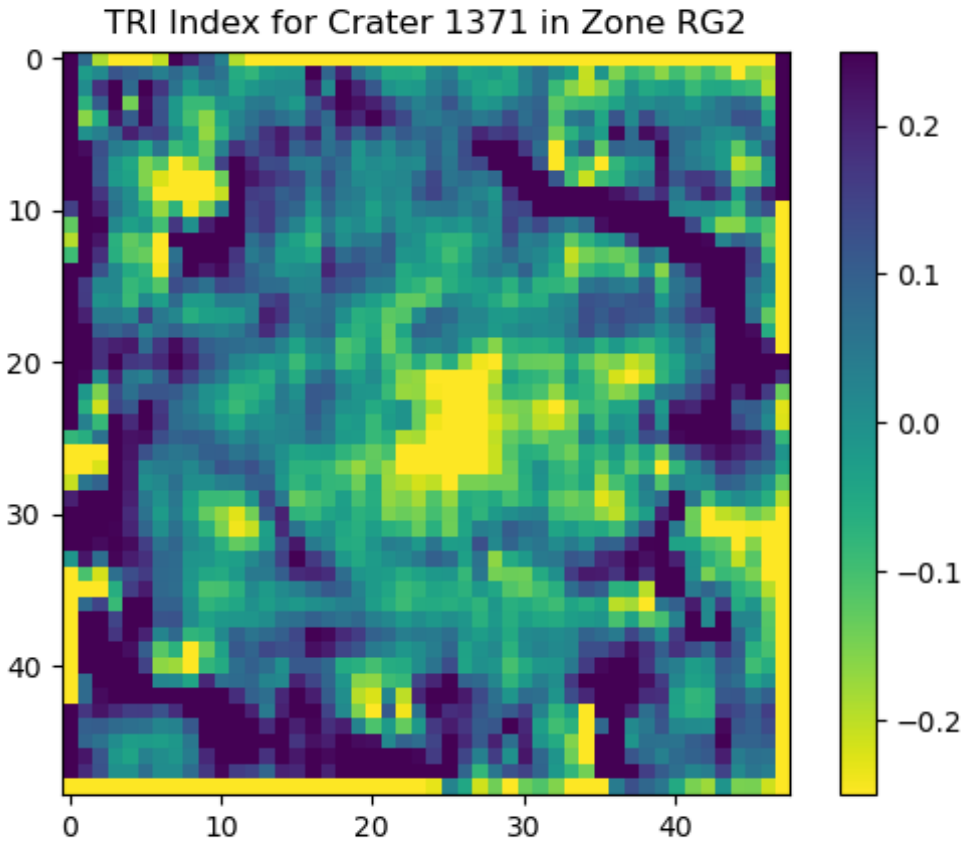
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	5.21	0.57
10°	4.88	0.55
20°	4.55	0.51
30°	4.18	0.48
40°	4.24	0.44
50°	4.24	0.44
60°	3.91	0.48
70°	3.8	0.51
80°	4.14	0.55
90°	4.25	0.57
100°	3.74	0.54
110°	3.61	0.51

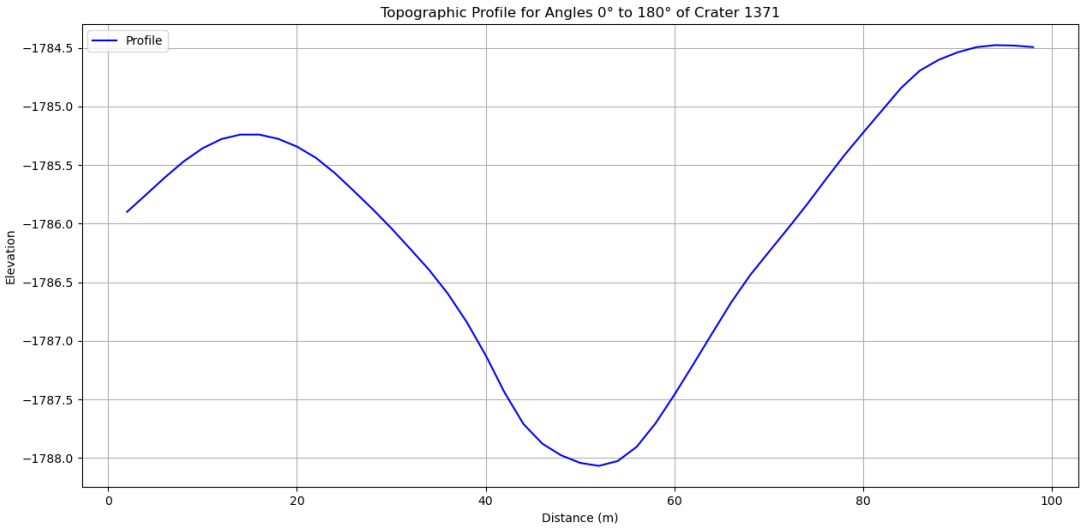
120°	3.95	0.48
130°	4.45	0.44
140°	4.73	0.44
150°	4.58	0.48
160°	4.76	0.51
170°	5.27	0.55
180°	5.8	0.57
190°	5.88	0.55
200°	5.98	0.51
210°	6.28	0.48
220°	6.67	0.44
230°	6.7	0.44
240°	6.22	0.47
250°	6.03	0.51
260°	6.47	0.54
270°	7.06	0.57
280°	6.63	0.54
290°	6.66	0.52
300°	6.97	0.48
310°	6.99	0.44
320°	6.66	0.44
330°	6.1	0.48
340°	5.37	0.52
350°	5.31	0.54

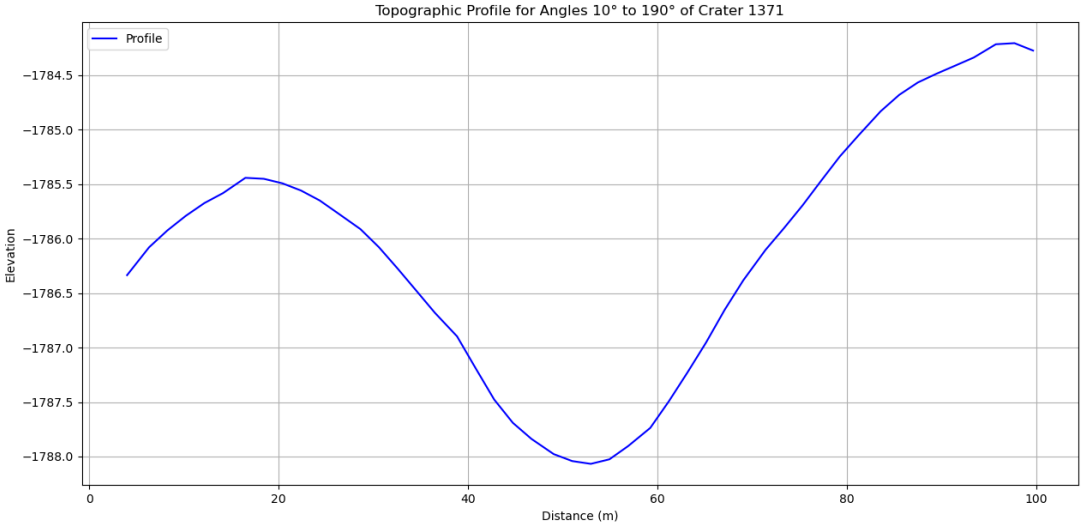
Topographic roughness index (TRI)

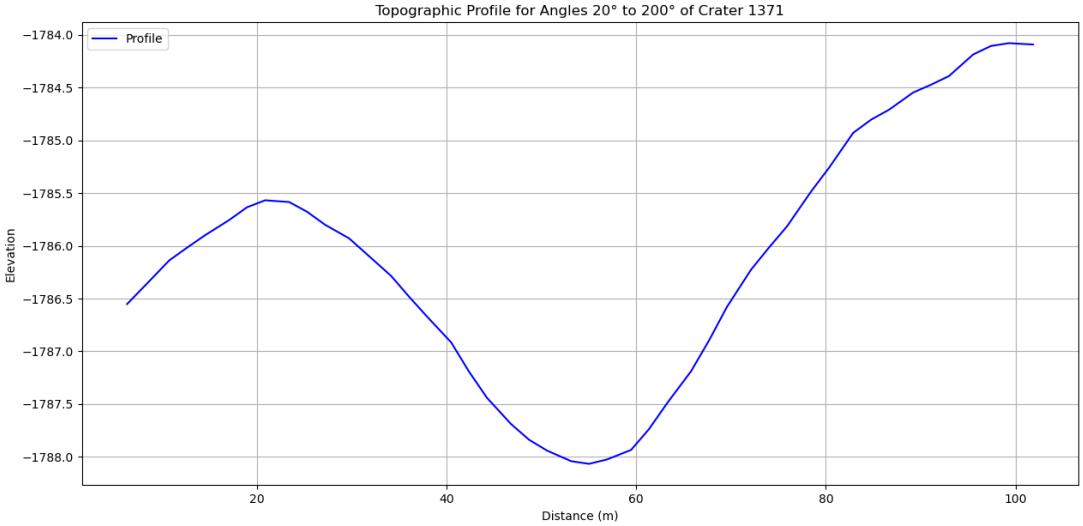
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

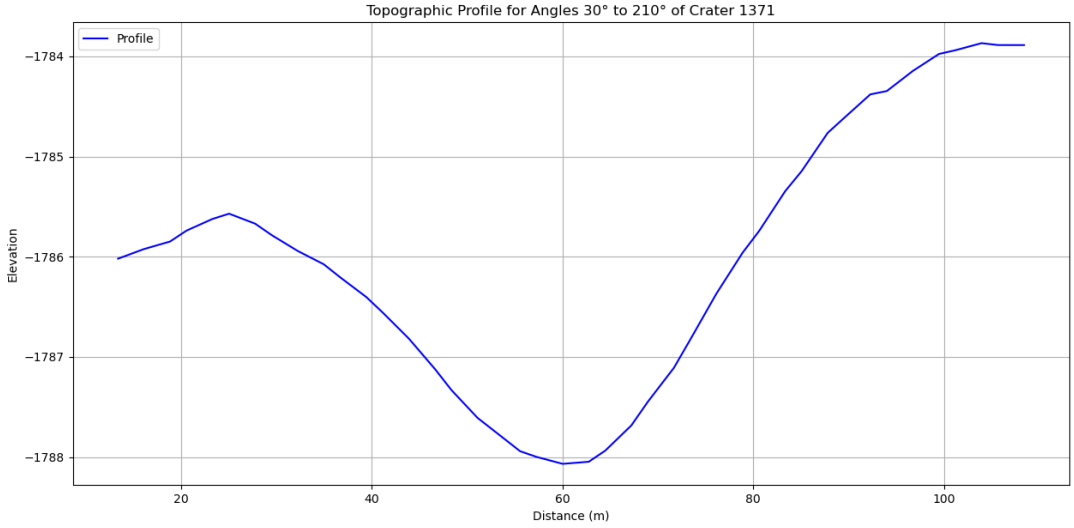


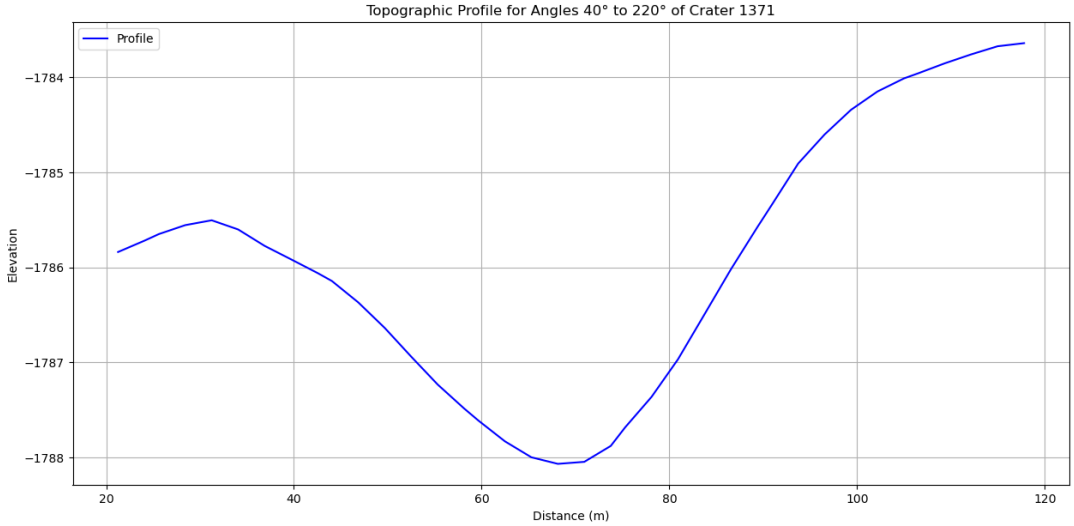
Topographic profiles

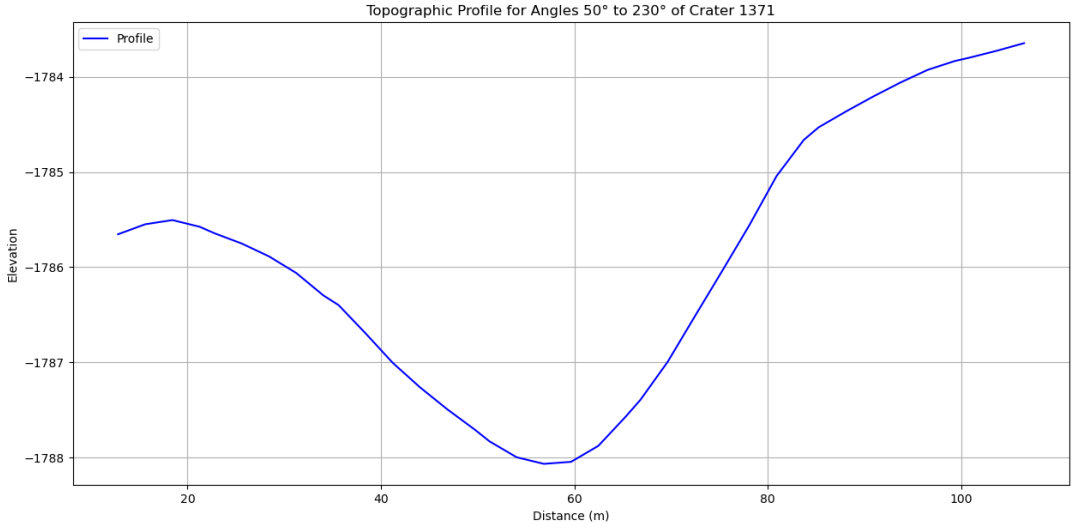


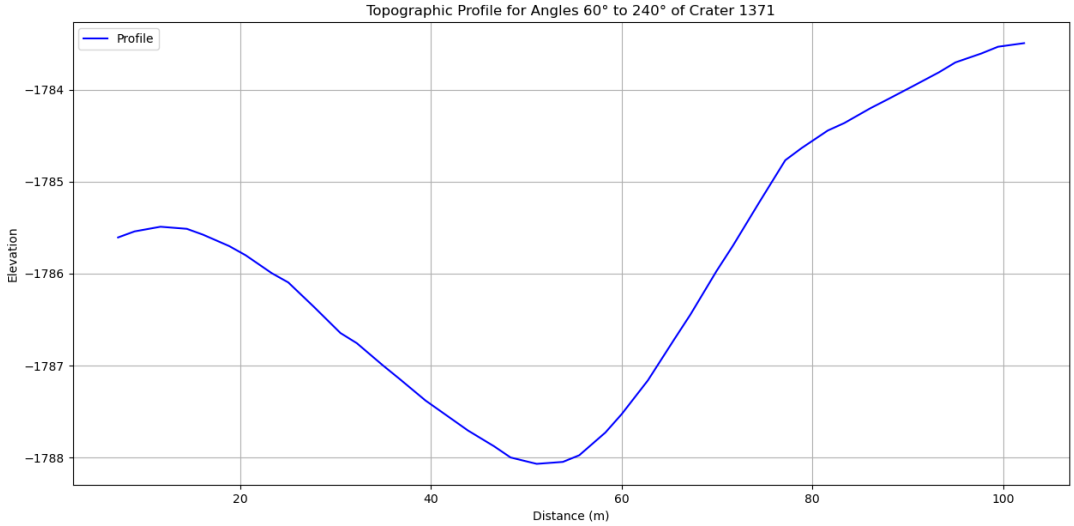

Topographic Profile for Angles 10° to 190° of Crater 1371
Profile
Elevation
−1784.5
−1785.0
−1785.5
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
0
20
40
60
80
100
Distance (m)

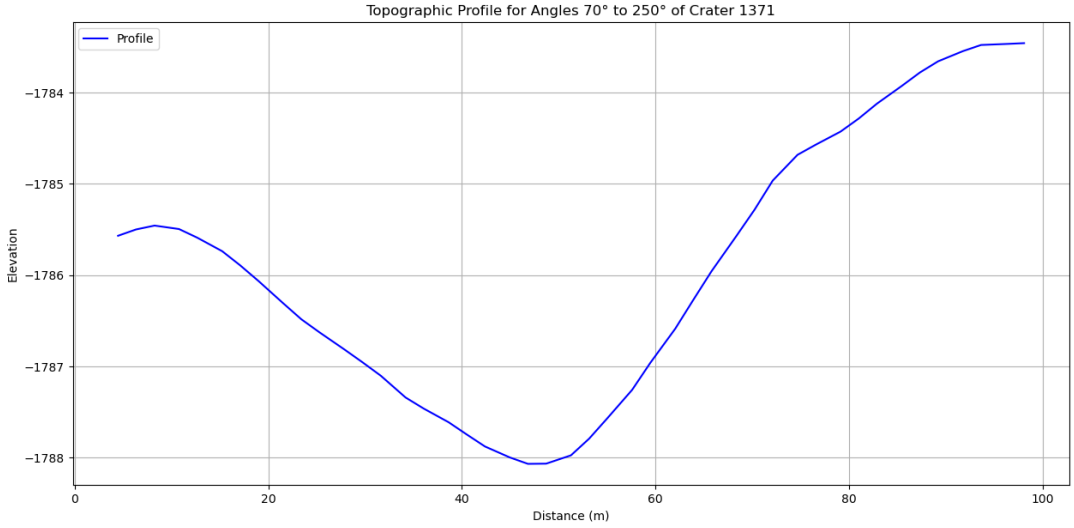

Topographic Profile for Angles 20° to 200° of Crater 1371
Profile
Elevation
−1784.0
−1784.5
−1785.0
−1785.5
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
20
40
60
80
100
Distance (m)

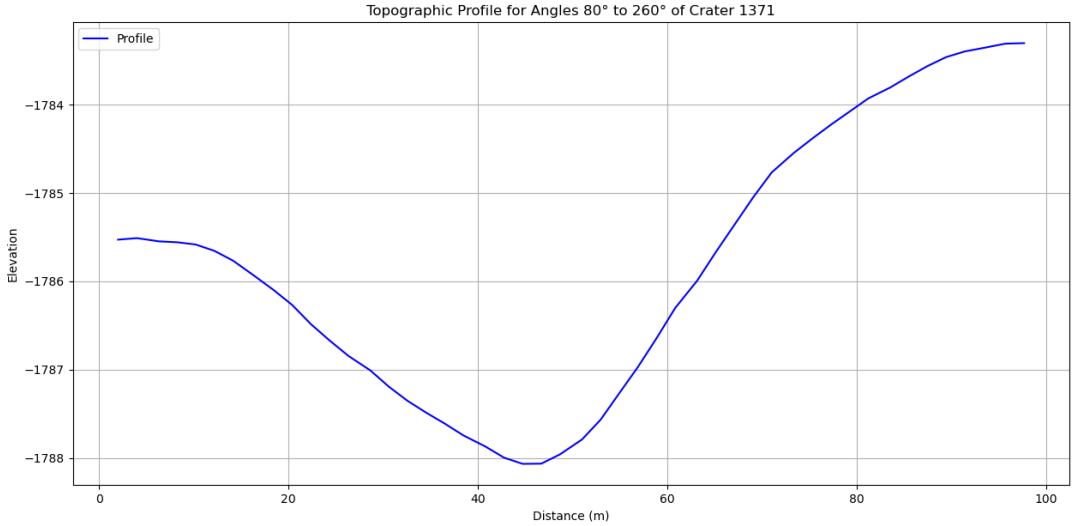

Topographic Profile for Angles 30° to 210° of Crater 1371
Profile
Elevation
−1784
−1785
−1786
−1787
−1788
20
40
60
80
100
Distance (m)

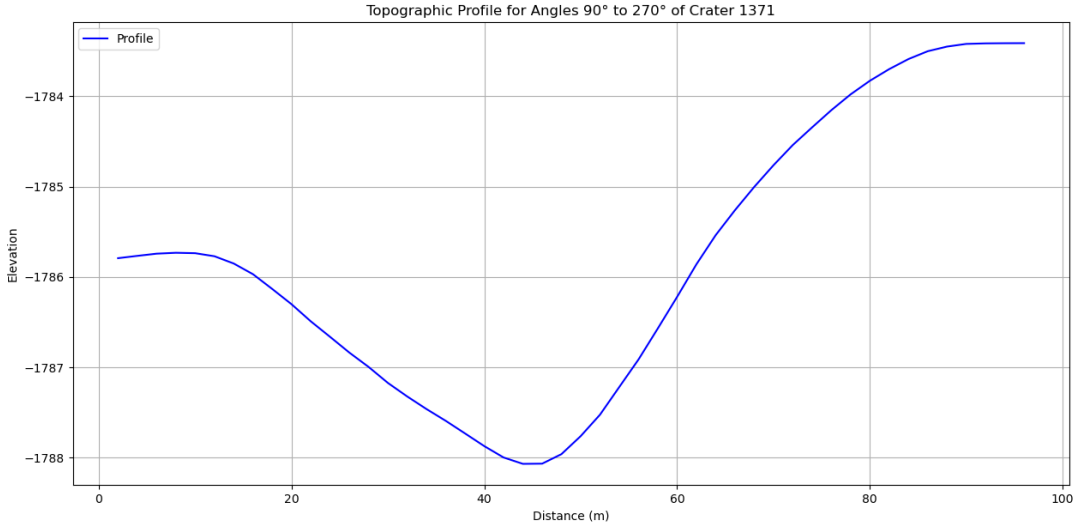

Topographic Profile for Angles 40° to 220° of Crater 1371
Profile
Elevation
−1784
−1785
−1786
−1787
−1788
20
40
60
80
100
120
Distance (m)

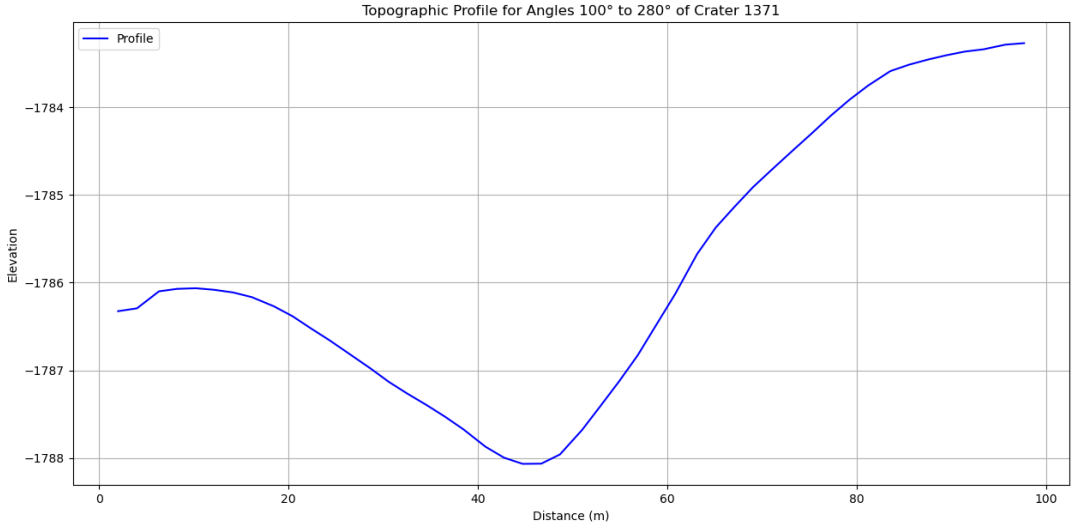

Topographic Profile for Angles 50° to 230° of Crater 1371
Profile
−1784
−1785
−1786
−1787
−1788
Elevation
20
40
60
80
100
Distance (m)

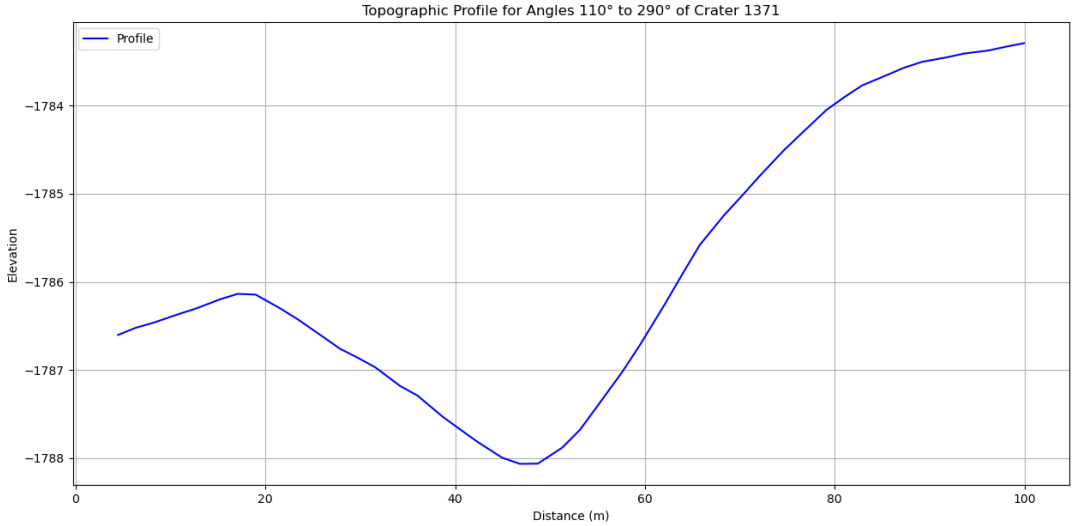

Topographic Profile for Angles 60° to 240° of Crater 1371
Profile
−1784
−1785
−1786
−1787
−1788
Elevation
20
40
60
80
100
Distance (m)

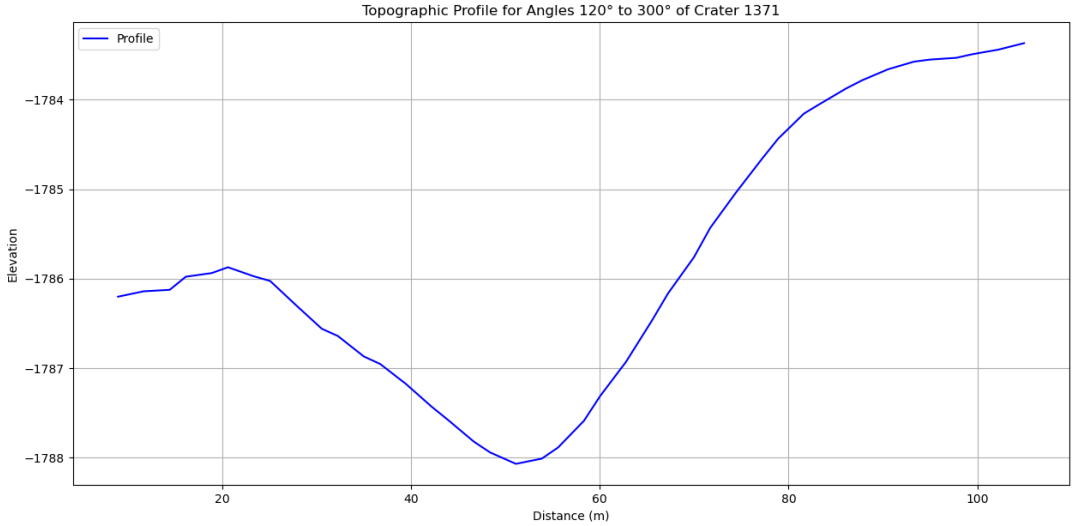

Topographic Profile for Angles 70° to 250° of Crater 1371
Profile
Elevation
−1784
−1785
−1786
−1787
−1788
0
20
40
60
80
100
Distance (m)

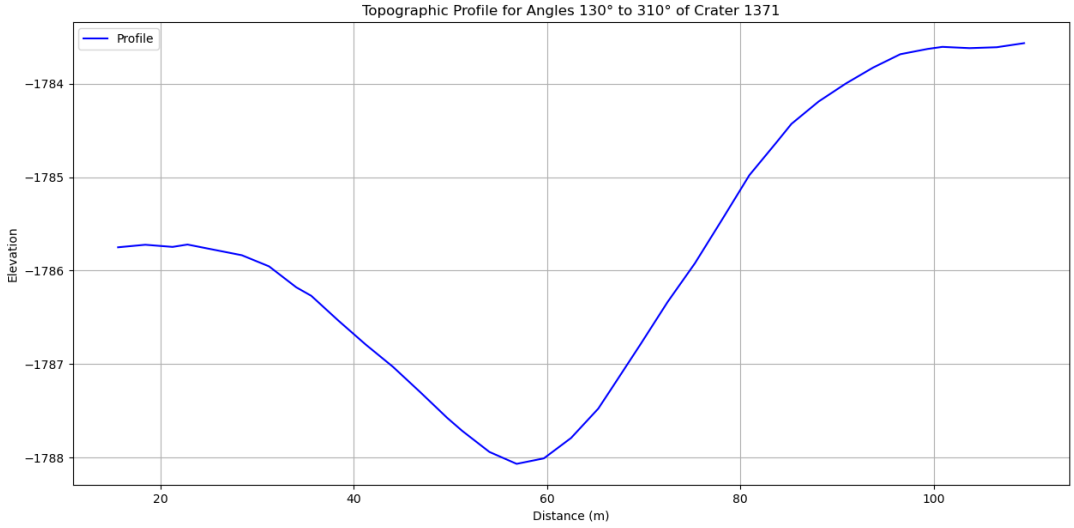

Topographic Profile for Angles 80° to 260° of Crater 1371
Profile
Elevation
−1784
−1785
−1786
−1787
−1788
0
20
40
60
80
100
Distance (m)

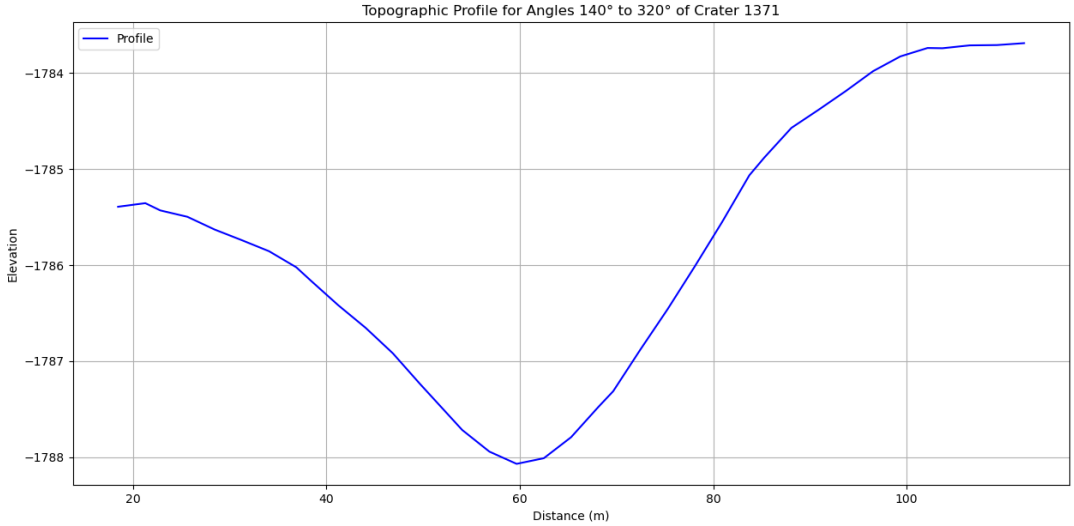

Topographic Profile for Angles 90° to 270° of Crater 1371
Profile
Elevation
−1784
−1785
−1786
−1787
−1788
0
20
40
60
80
100
Distance (m)

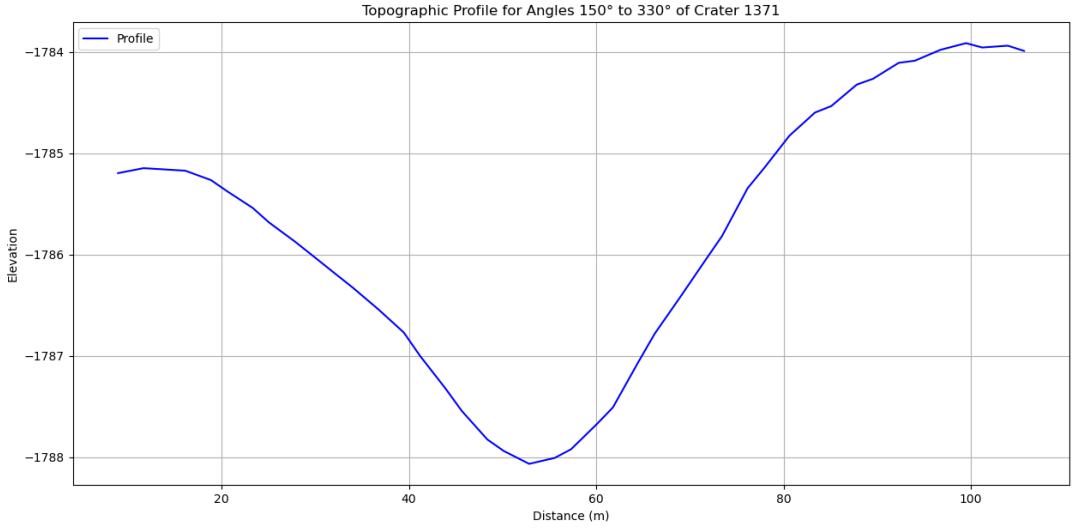

Topographic Profile for Angles 100° to 280° of Crater 1371
Profile
Elevation
−1784
−1785
−1786
−1787
−1788
0
20
40
60
80
100
Distance (m)

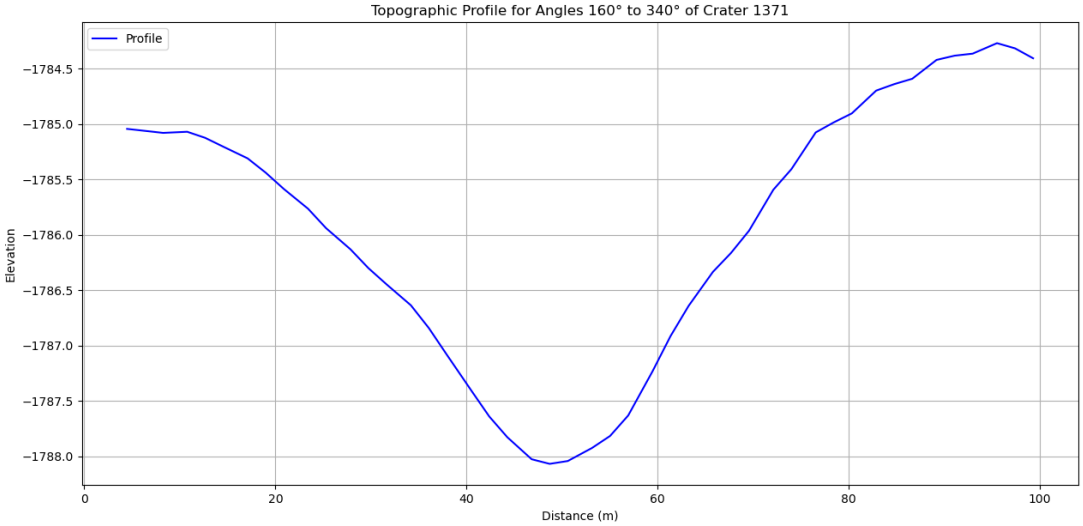

Topographic Profile for Angles 110° to 290° of Crater 1371
Profile
Elevation
−1784
−1785
−1786
−1787
−1788
0
20
40
60
80
100
Distance (m)

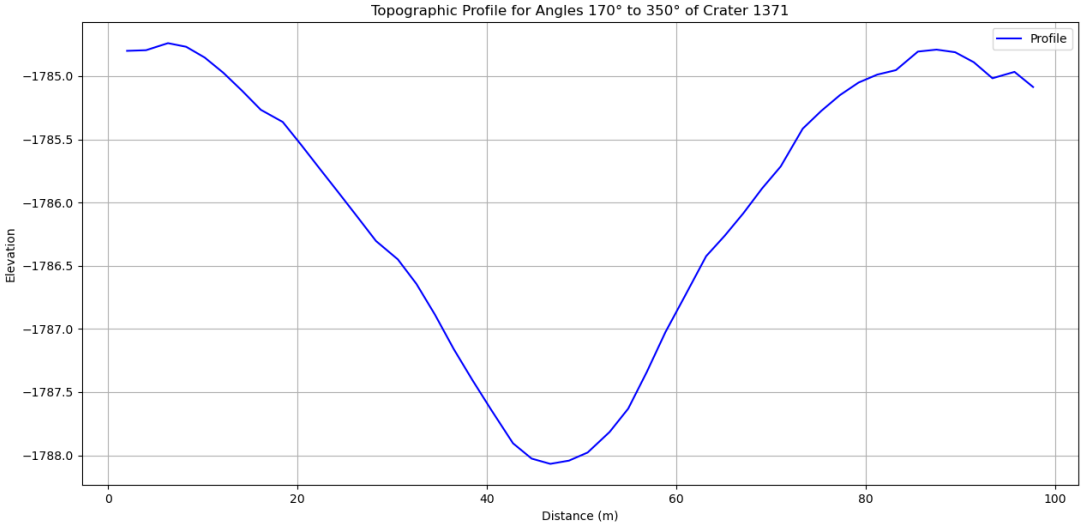

Topographic Profile for Angles 120° to 300° of Crater 1371
Profile
Elevation
−1784
−1785
−1786
−1787
−1788
20
40
60
80
100
Distance (m)


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)