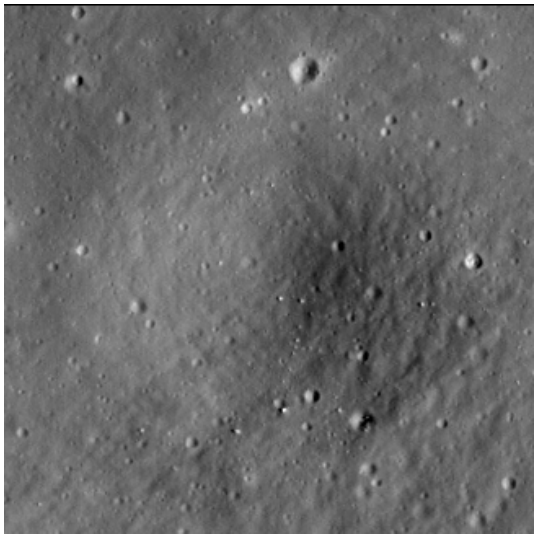
Crater report 371 of RG2

General information



ID : 371

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 162m ± 6.0m

Mean depht : 8.8m ± 1.1m

d/D ratio : 0.054 ± 0.007

Circularity index : 0.91

Mean slope : 6.34°

Mean value of TRI on the rim crest : 0.22

Geometric center coordinates : (3657723.877334325, 233322.47666693272)

Coordinates of the crater's lowest point : (3657715.000001101, 233343.0000000689)

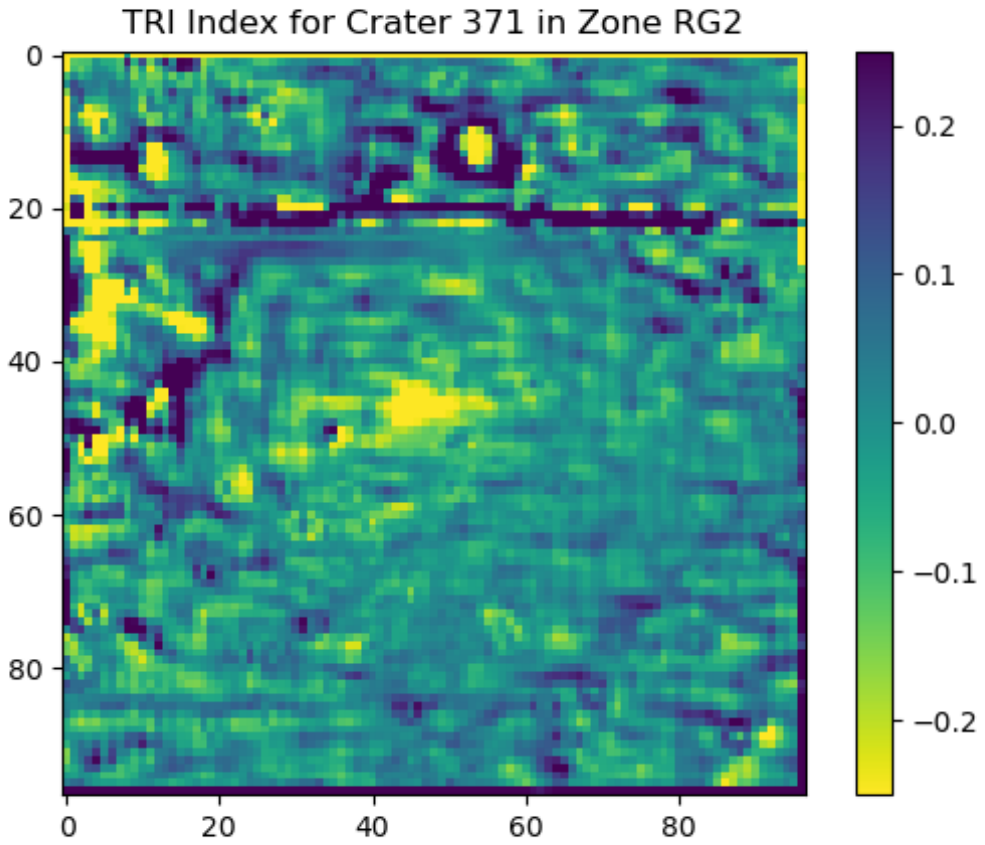
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	6.01	0.57
10°	5.67	0.54
20°	5.57	0.51
30°	5.74	0.48
40°	6.1	0.43
50°	6.15	0.43
60°	5.92	0.48
70°	5.95	0.52
80°	6.44	0.54
90°	7.09	0.57
100°	7.59	0.54
110°	8.31	0.51

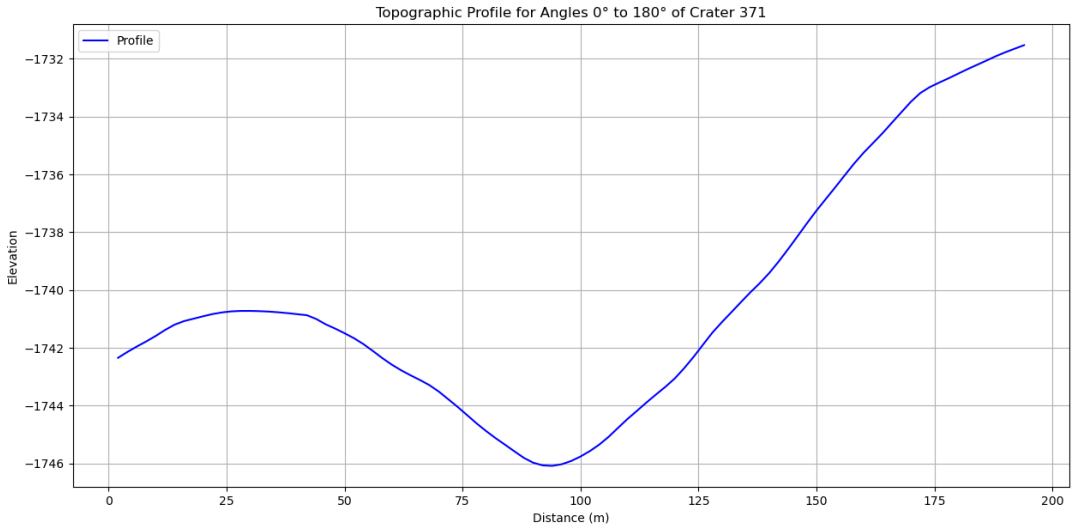
120°	9.09	0.48
130°	10.13	0.43
140°	10.41	0.43
150°	9.45	0.48
160°	9.34	0.51
170°	9.25	0.54
180°	9.32	0.57
190°	8.25	0.54
200°	6.79	0.51
210°	6.16	0.48
220°	5.32	0.43
230°	4.82	0.43
240°	4.17	0.48
250°	3.7	0.52
260°	3.66	0.55
270°	3.92	0.57
280°	3.74	0.54
290°	3.99	0.52
300°	4.21	0.48
310°	4.53	0.44
320°	5.01	0.44
330°	5.17	0.48
340°	5.41	0.51
350°	5.78	0.55

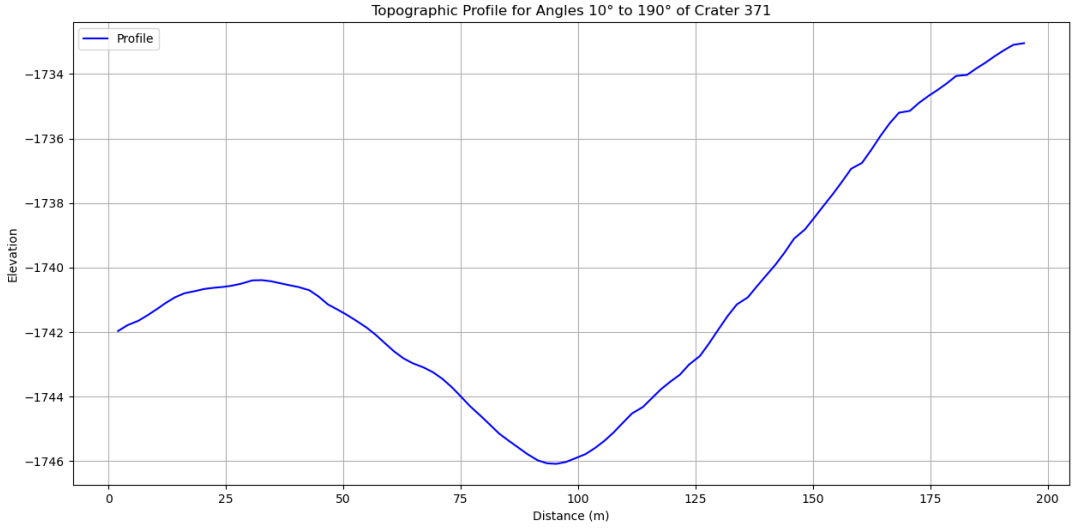
Topographic roughness index (TRI)

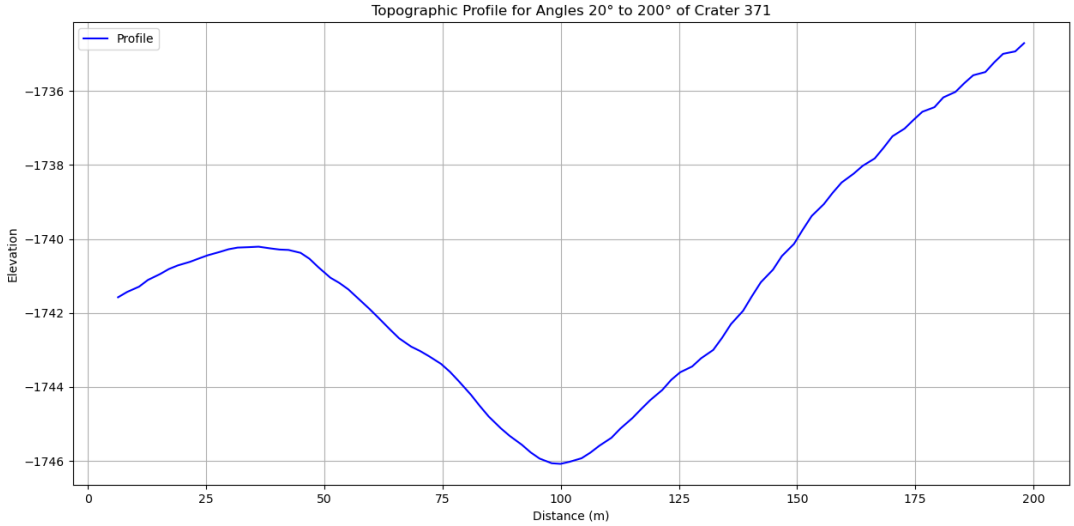
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

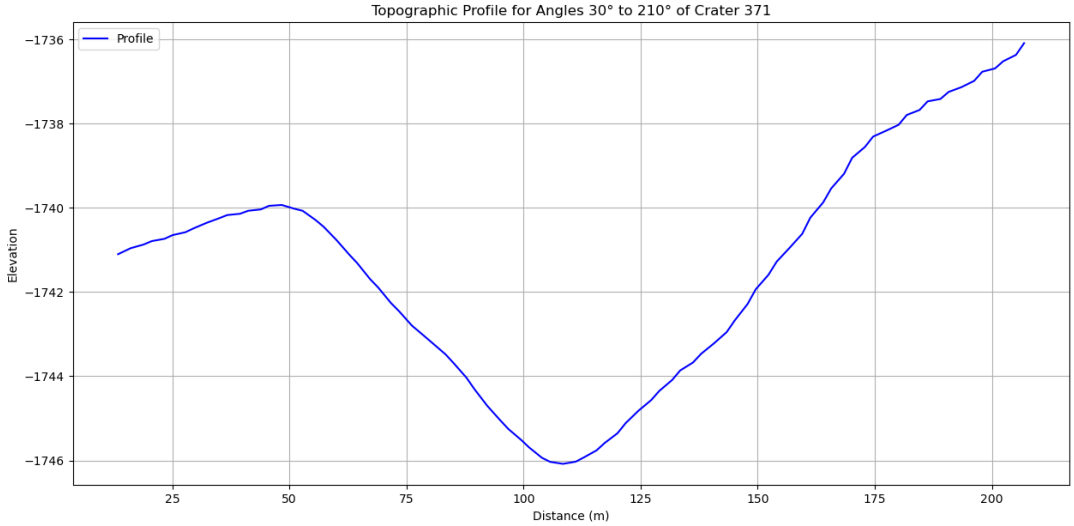


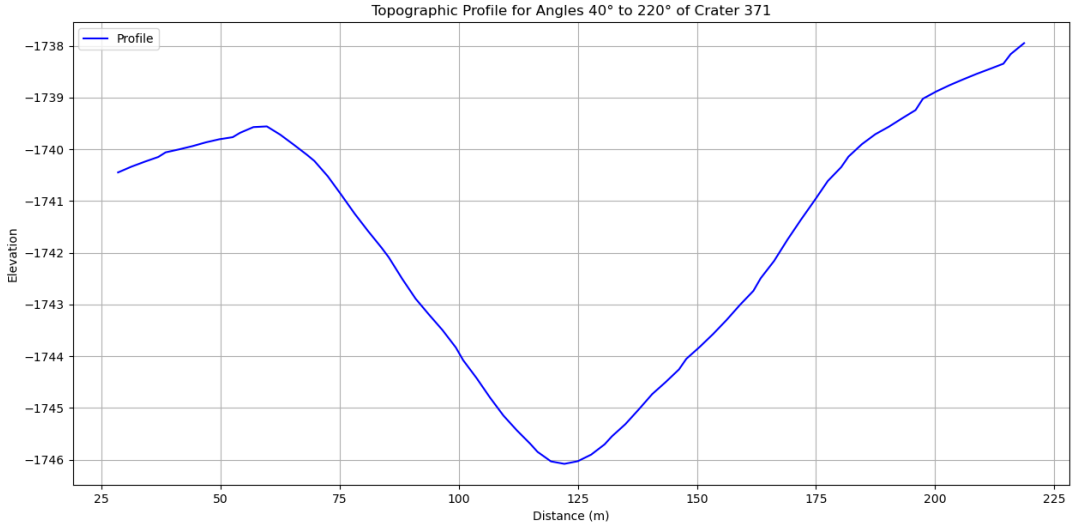
Topographic profiles

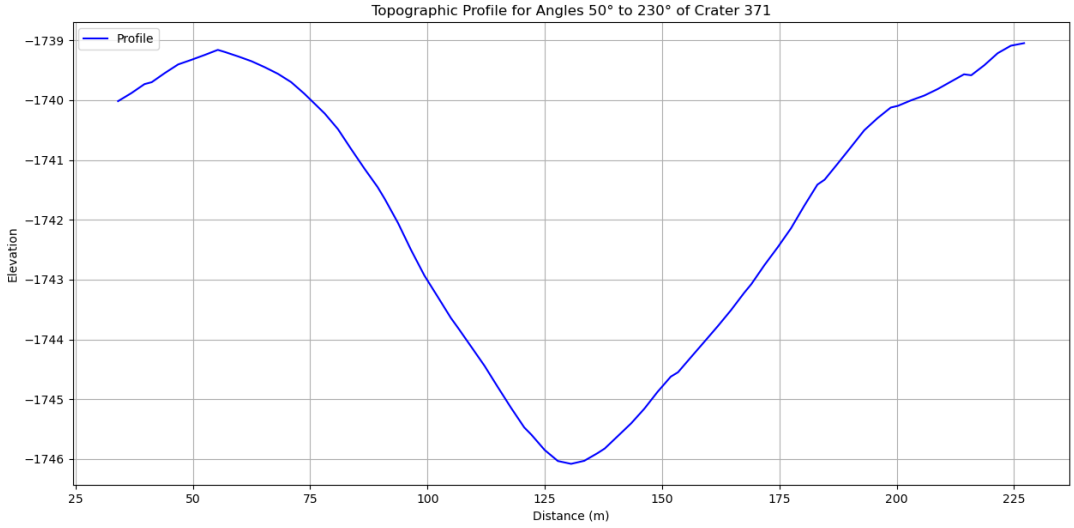


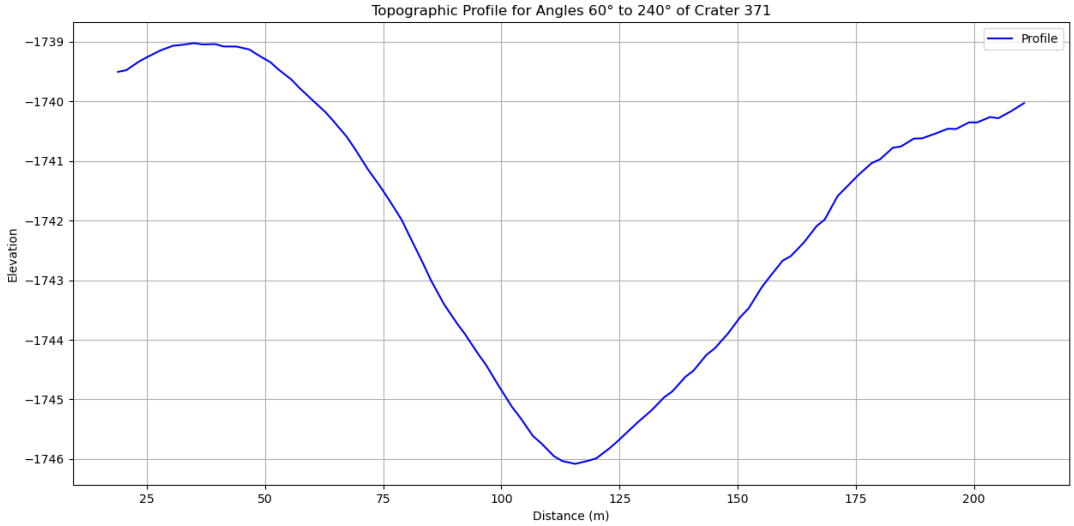

Topographic Profile for Angles 10° to 190° of Crater 371
Profile
Elevation
−1734
−1736
−1738
−1740
−1742
−1744
−1746
0
25
50
75
100
125
150
175
200
Distance (m)

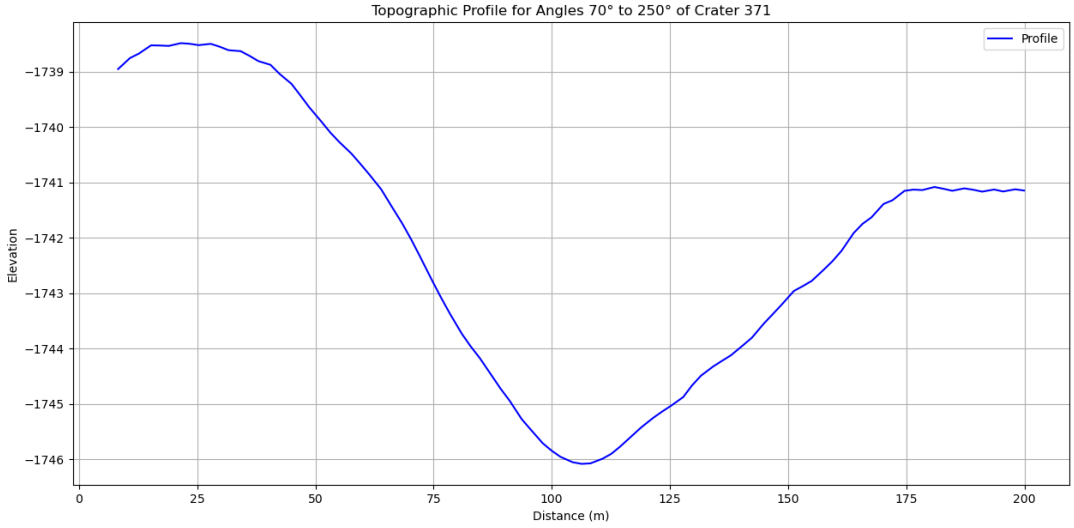

Topographic Profile for Angles 20° to 200° of Crater 371
Profile
Elevation
−1736
−1738
−1740
−1742
−1744
−1746
0
25
50
75
100
125
150
175
200
Distance (m)

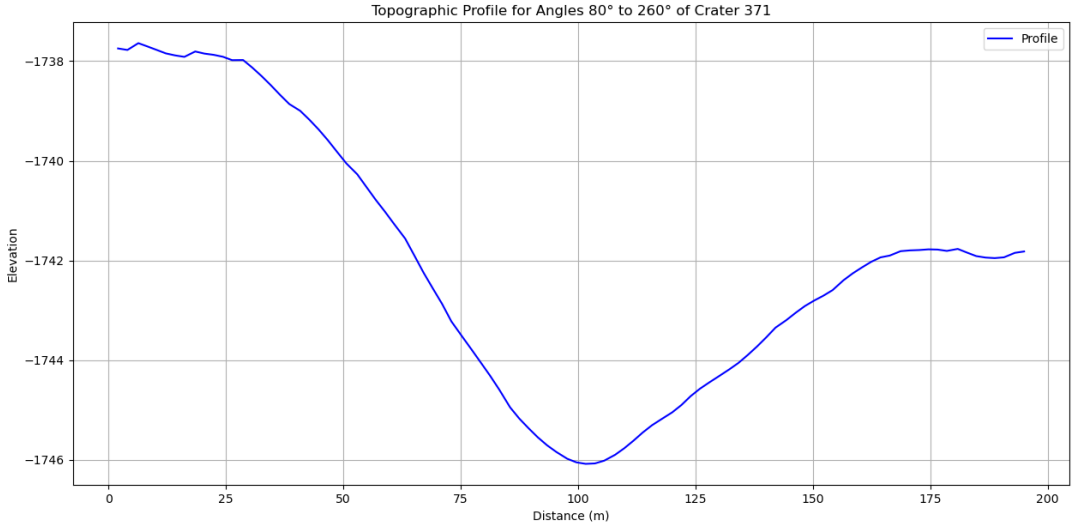

Topographic Profile for Angles 30° to 210° of Crater 371
Profile
Elevation
Distance (m)
−1736
−1738
−1740
−1742
−1744
−1746
25
50
75
100
125
150
175
200

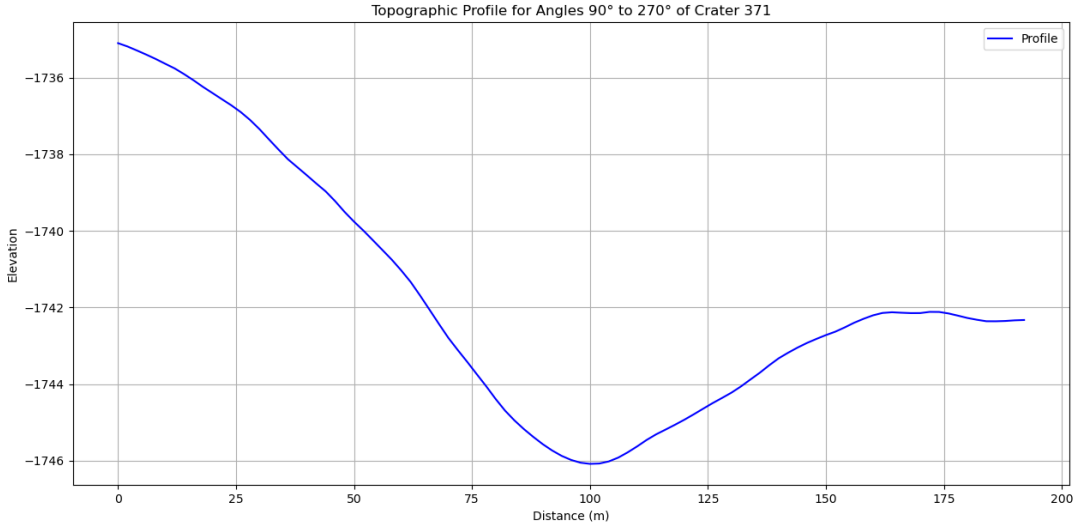

Topographic Profile for Angles 40° to 220° of Crater 371
Profile
Elevation
Distance (m)
−1738
−1739
−1740
−1741
−1742
−1743
−1744
−1745
−1746
25
50
75
100
125
150
175
200
225

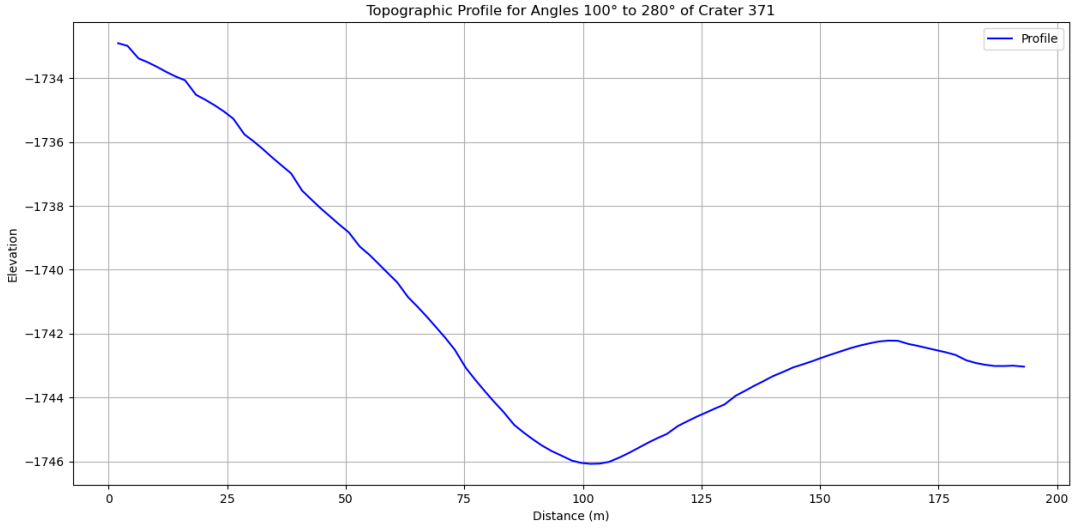

Topographic Profile for Angles 50° to 230° of Crater 371
Profile
Elevation
Distance (m)
−1739
−1740
−1741
−1742
−1743
−1744
−1745
−1746
25
50
75
100
125
150
175
200
225

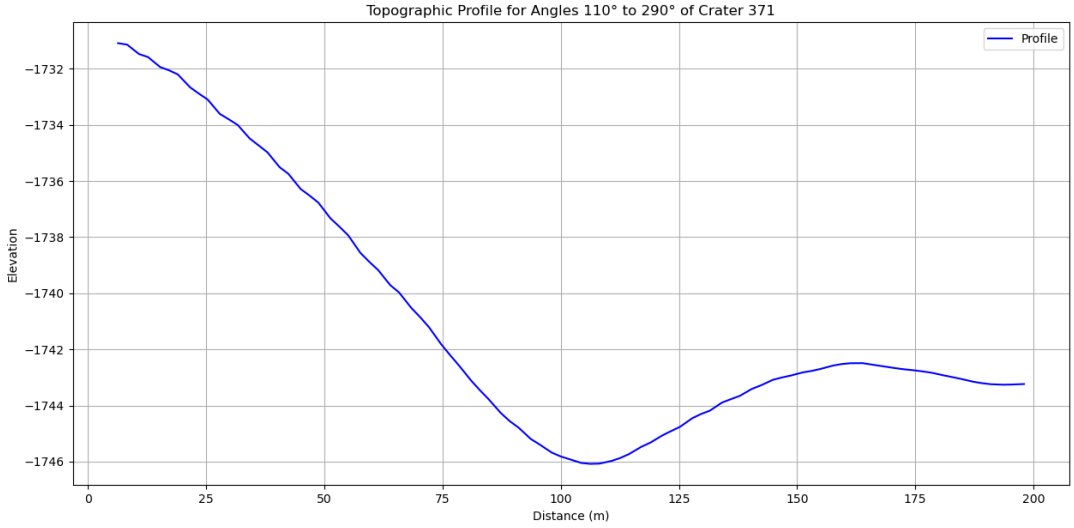

Topographic Profile for Angles 60° to 240° of Crater 371
Profile
Elevation
Distance (m)
−1739
−1740
−1741
−1742
−1743
−1744
−1745
−1746
25
50
75
100
125
150
175
200

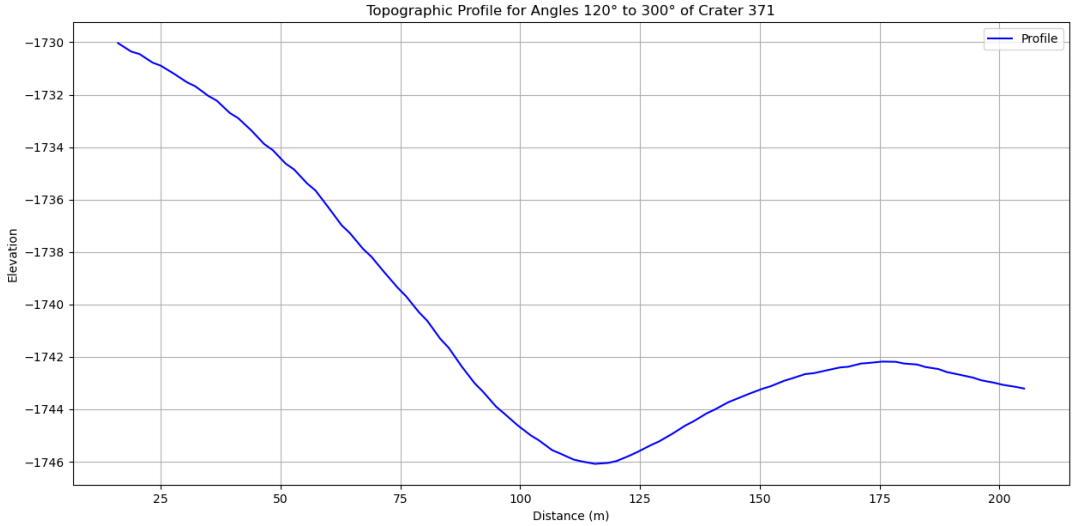

Topographic Profile for Angles 70° to 250° of Crater 371
Profile
Elevation
−1739
−1740
−1741
−1742
−1743
−1744
−1745
−1746
0
25
50
75
100
125
150
175
200
Distance (m)

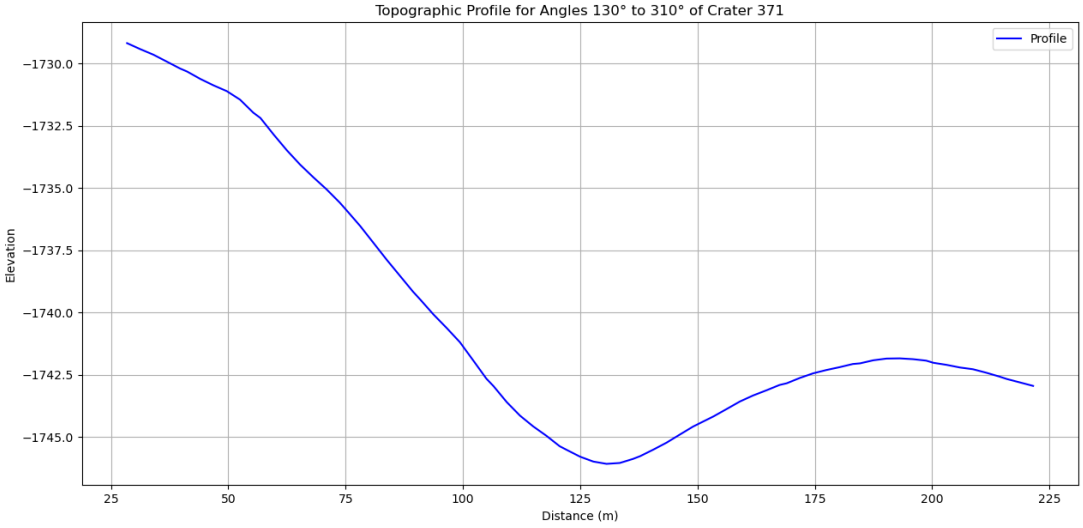

Topographic Profile for Angles 80° to 260° of Crater 371
Profile
Elevation
−1738
−1740
−1742
−1744
−1746
0
25
50
75
100
125
150
175
200
Distance (m)

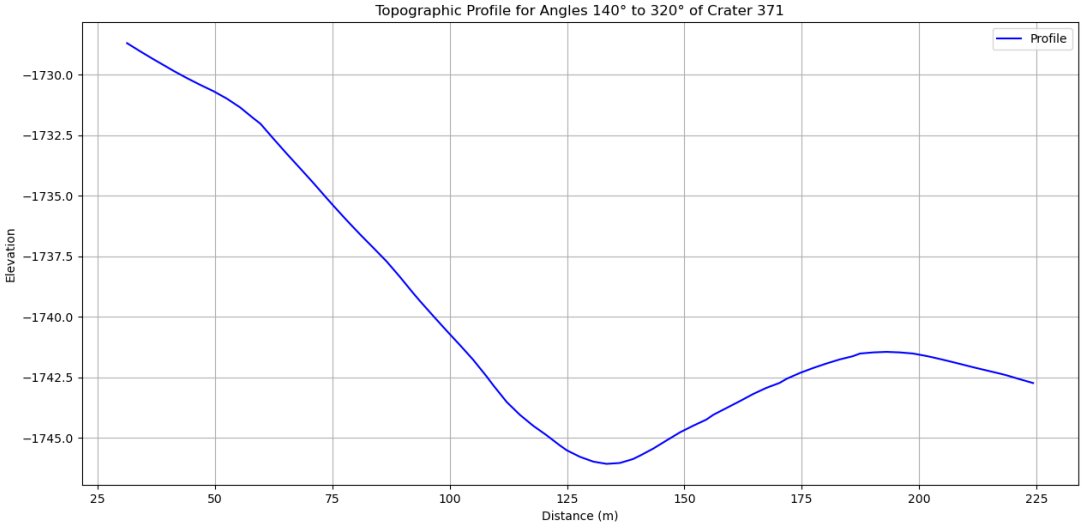

Topographic Profile for Angles 90° to 270° of Crater 371
Profile
Elevation
−1736
−1738
−1740
−1742
−1744
−1746
0
25
50
75
100
125
150
175
200
Distance (m)

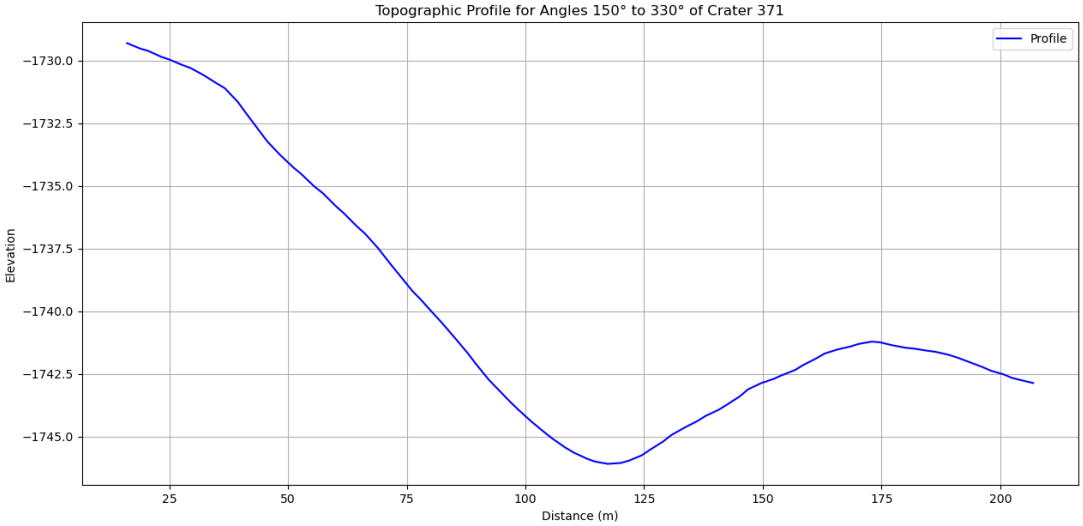

Topographic Profile for Angles 100° to 280° of Crater 371
Profile
Elevation
−1734
−1736
−1738
−1740
−1742
−1744
−1746
0
25
50
75
100
125
150
175
200
Distance (m)

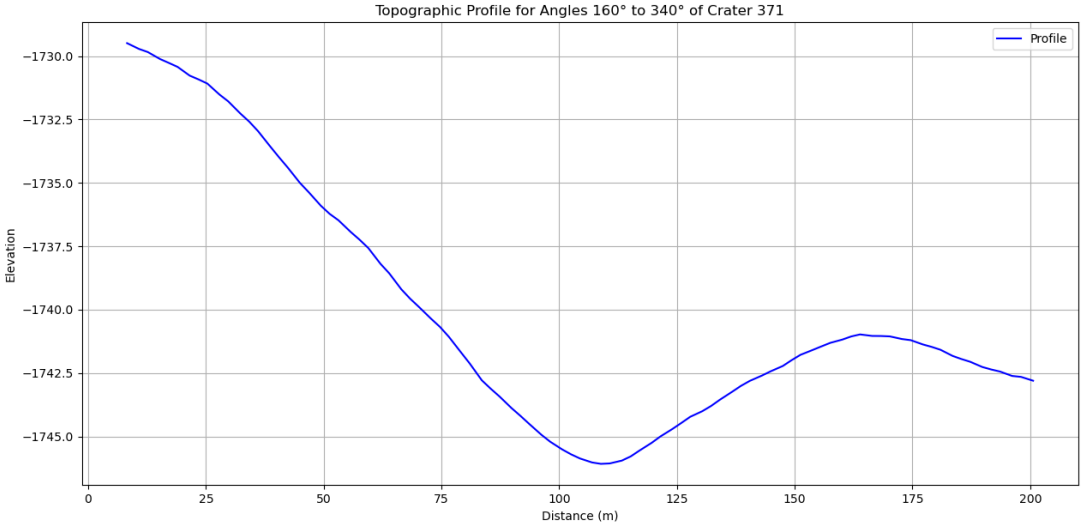

Topographic Profile for Angles 110° to 290° of Crater 371
Profile
Elevation
−1732
−1734
−1736
−1738
−1740
−1742
−1744
−1746
0
25
50
75
100
125
150
175
200
Distance (m)

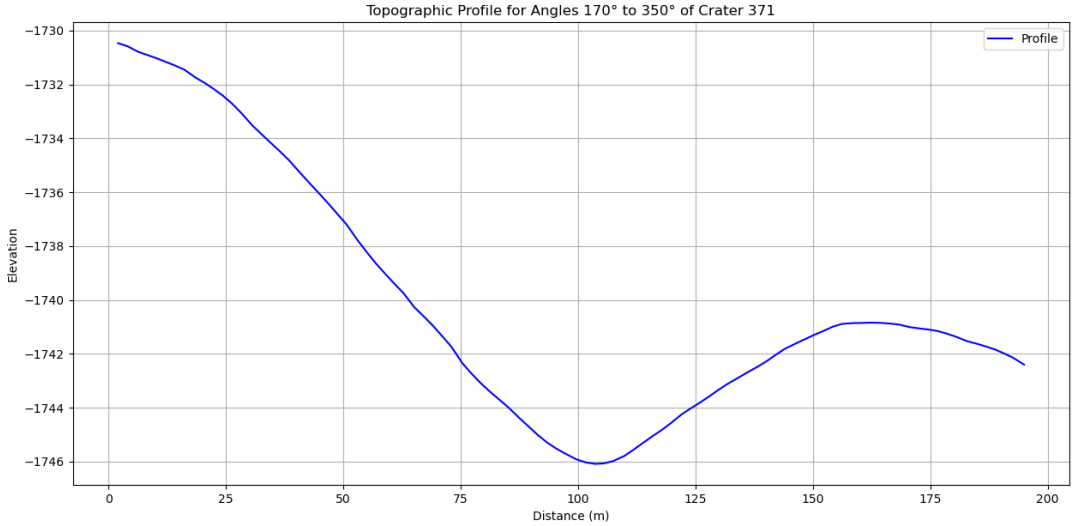

Topographic Profile for Angles 120° to 300° of Crater 371
Profile
Elevation
−1730
−1732
−1734
−1736
−1738
−1740
−1742
−1744
−1746
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 371
Profile
Elevation
−1730.0
−1732.5
−1735.0
−1737.5
−1740.0
−1742.5
−1745.0
25
50
75
100
125
150
175
200
225
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 371
Profile
Elevation
−1730.0
−1732.5
−1735.0
−1737.5
−1740.0
−1742.5
−1745.0
25
50
75
100
125
150
175
200
225
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 371
Profile
Elevation
−1730.0
−1732.5
−1735.0
−1737.5
−1740.0
−1742.5
−1745.0
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 371
Profile
Elevation
−1730.0
−1732.5
−1735.0
−1737.5
−1740.0
−1742.5
−1745.0
0
25
50
75
100
125
150
175
200
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 371
Profile
Elevation
−1730
−1732
−1734
−1736
−1738
−1740
−1742
−1744
−1746
0
25
50
75
100
125
150
175
200
Distance (m)