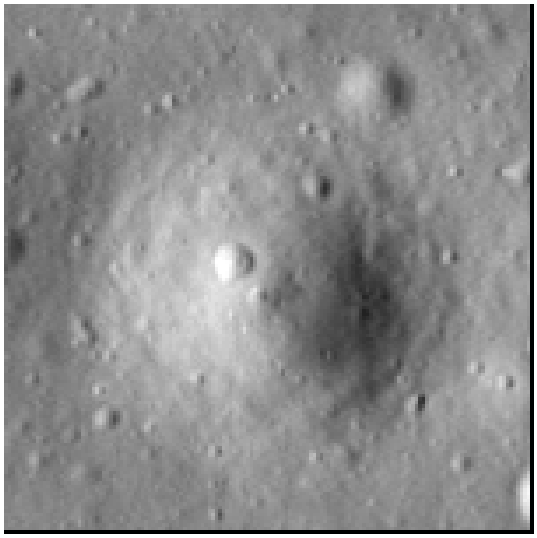
Crater report 1367 of RG2

General information



ID : 1367

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : Unknown

Mean Diameter : 65m ± 3.0m

Mean depht : 5.3m ± 0.2m

d/D ratio : 0.082 ± 0.005

Circularity index : 0.92

Slope : Between 10.36° et 15.86°

Mean value of TRI on the rim crest : 0.61

Geometric center coordinates : (3655583.847689991, 223405.01923834355)

Coordinates of the crater's lowest point : (3655577.0000011, 223403.0000000659)

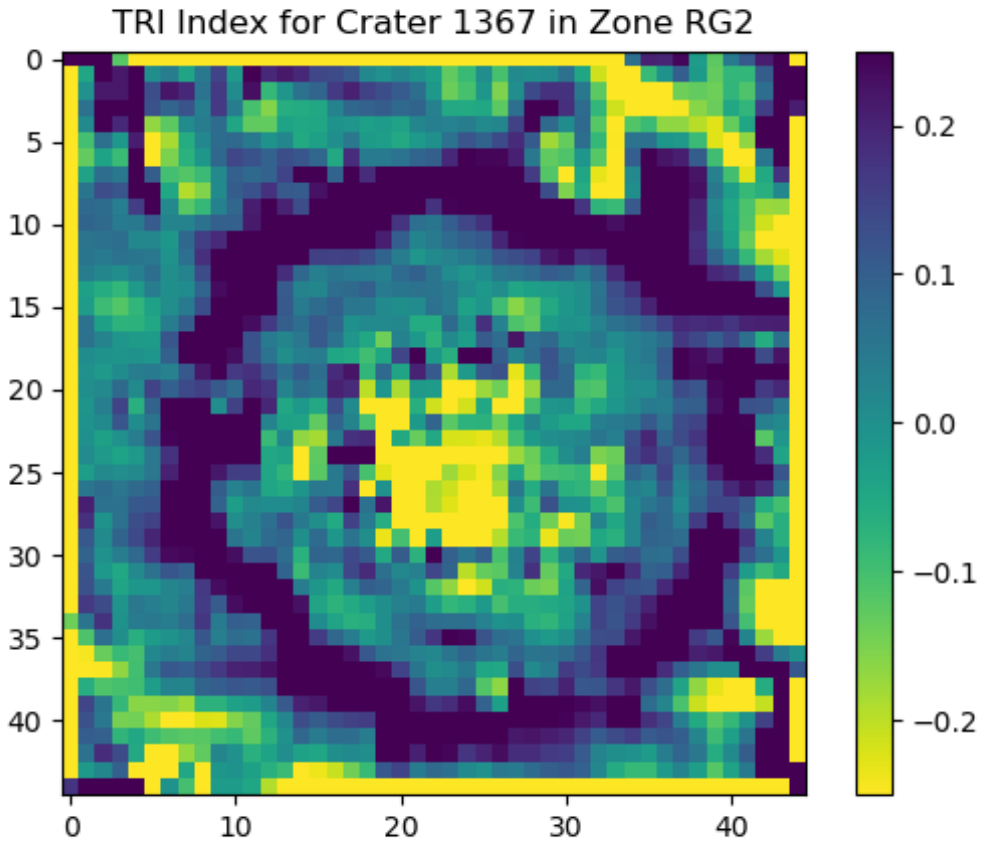
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	13.3	0.57
10°	12.79	0.54
20°	12.22	0.52
30°	11.48	0.48
40°	11.62	0.43
50°	10.36	0.46
60°	10.65	0.48
70°	10.39	0.51
80°	11.31	0.55
90°	11.44	0.57
100°	10.98	0.55
110°	11.33	0.5

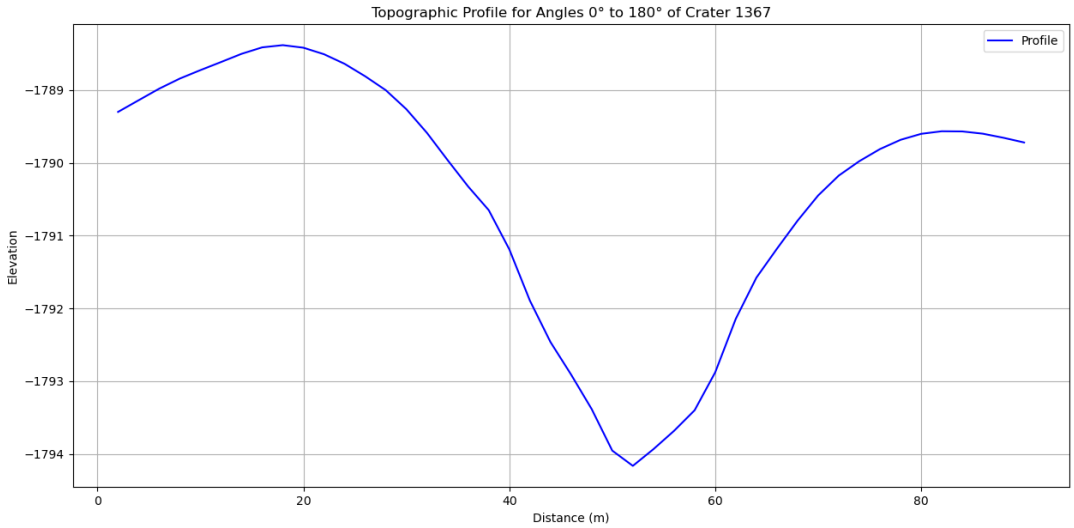
120°	11.93	0.49
130°	11.74	0.43
140°	11.15	0.4
150°	10.4	0.46
160°	11.1	0.5
170°	12.58	0.54
180°	13.76	0.56
190°	12.98	0.54
200°	13.51	0.51
210°	13.02	0.47
220°	13.69	0.44
230°	14.78	0.43
240°	14.19	0.49
250°	13.0	0.51
260°	12.92	0.52
270°	13.83	0.56
280°	12.37	0.52
290°	13.64	0.51
300°	14.16	0.47
310°	15.86	0.44
320°	13.46	0.44
330°	13.49	0.46
340°	12.52	0.52
350°	13.19	0.54

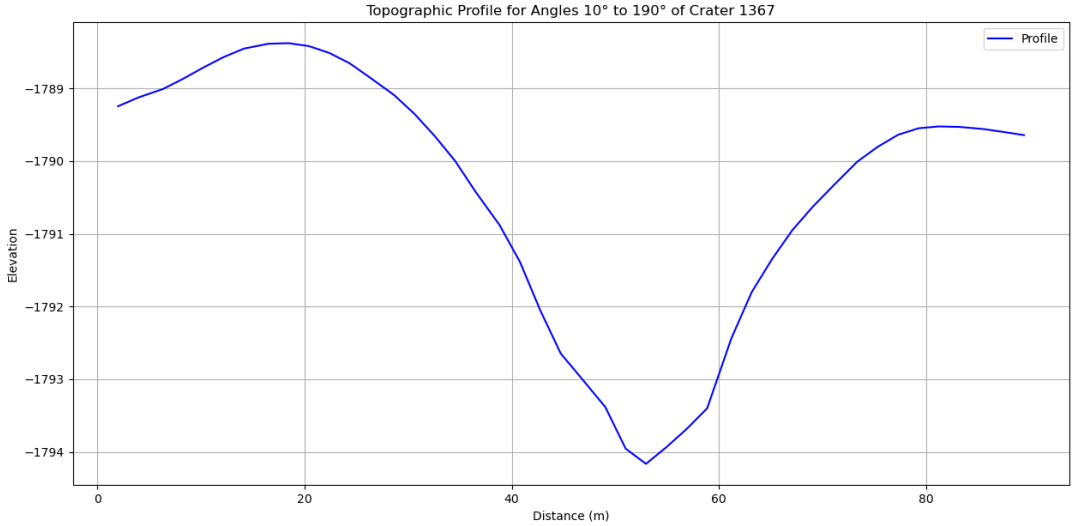
Topographic roughness index (TRI)

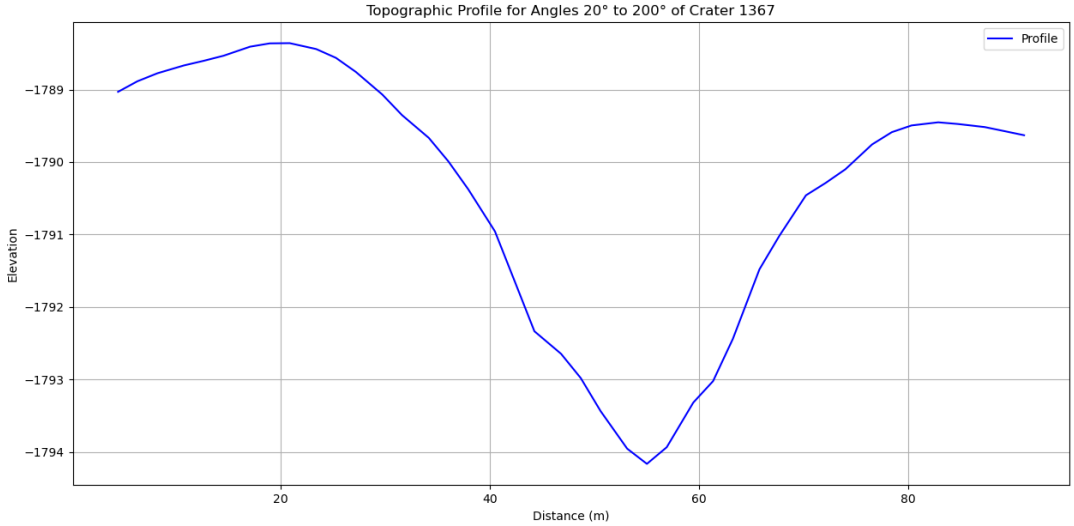
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

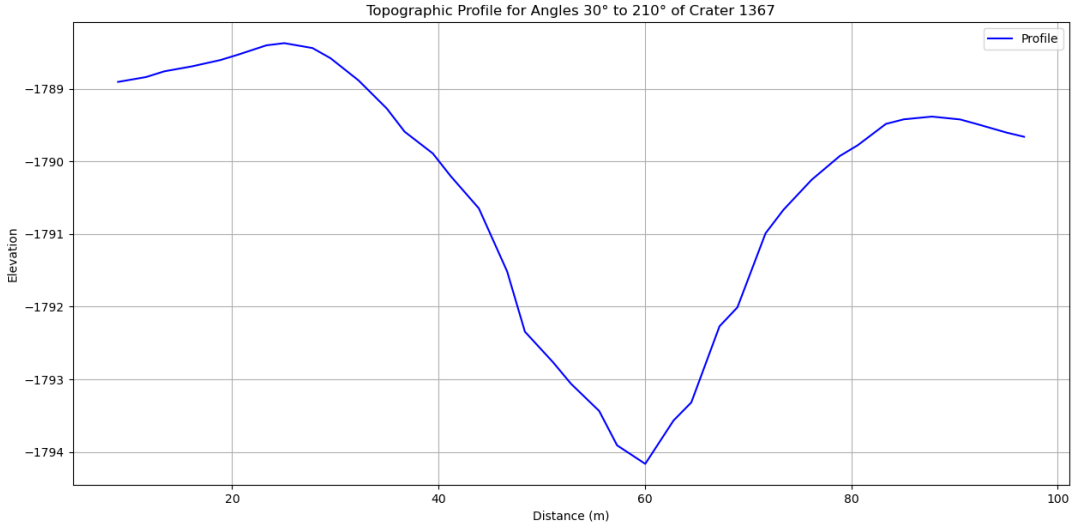


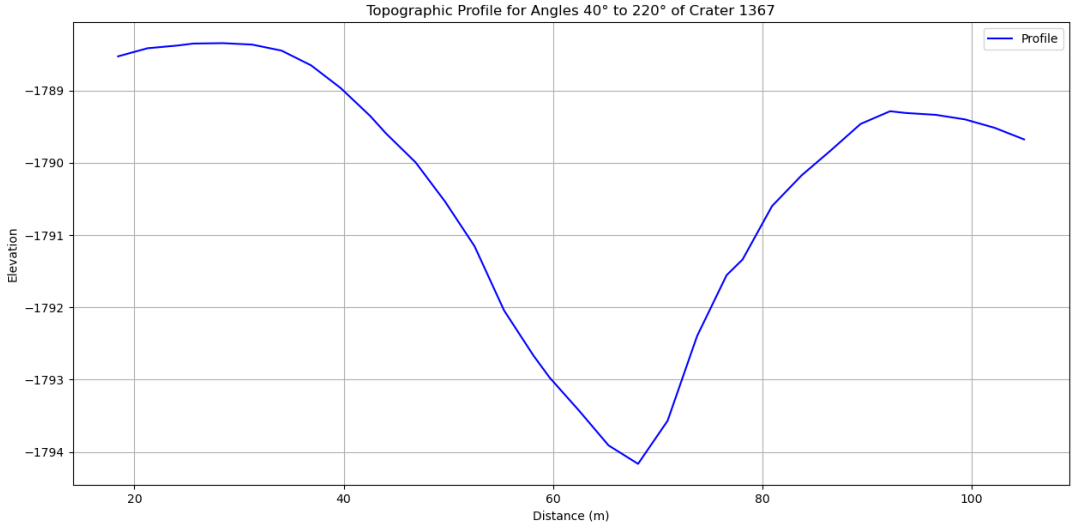
Topographic profiles

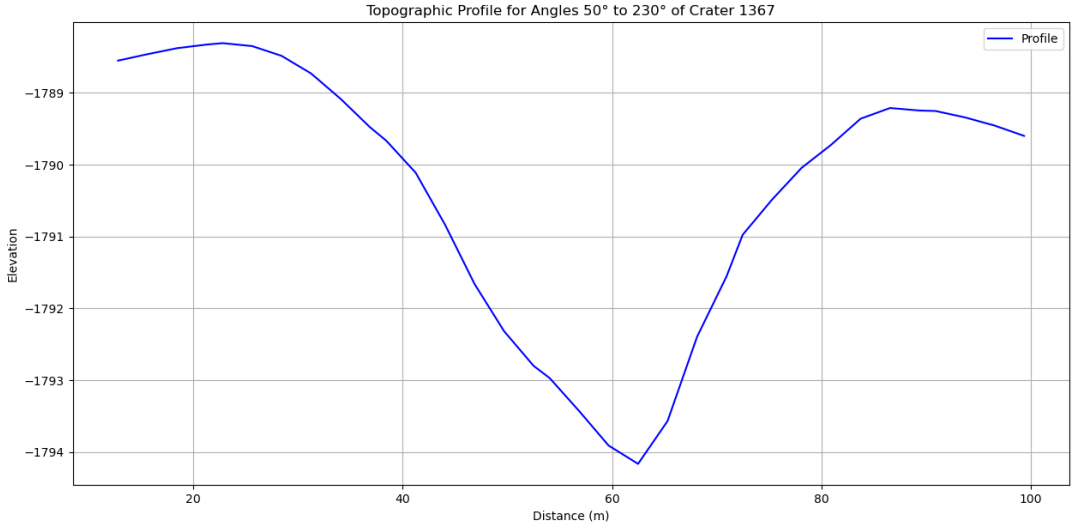


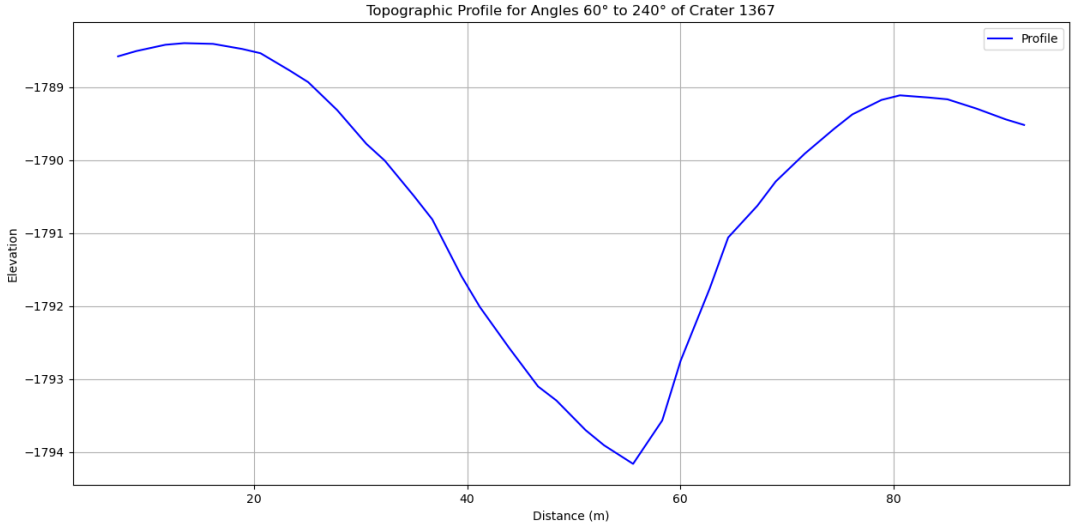

Topographic Profile for Angles 10° to 190° of Crater 1367
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
0
20
40
60
80
Distance (m)

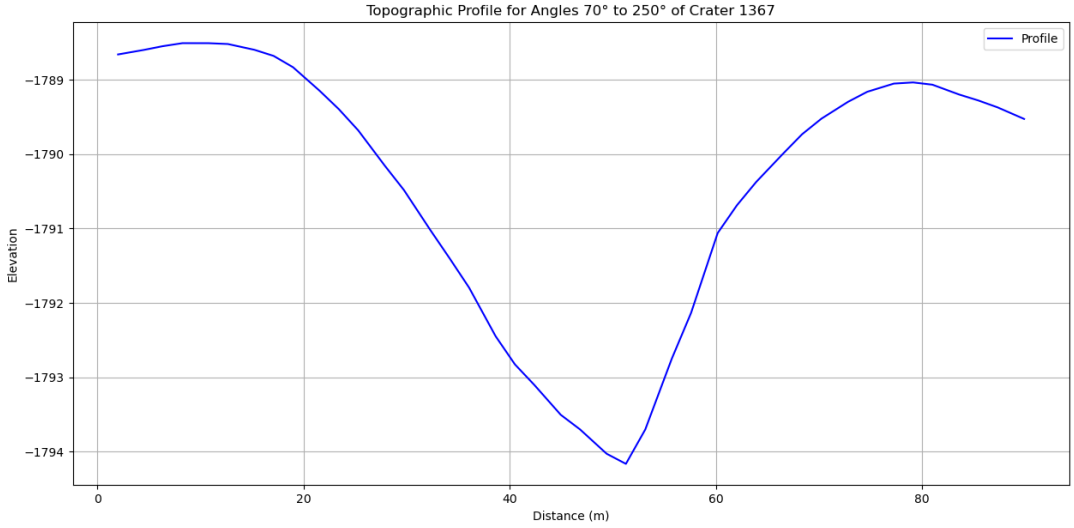

Topographic Profile for Angles 20° to 200° of Crater 1367
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80
Distance (m)

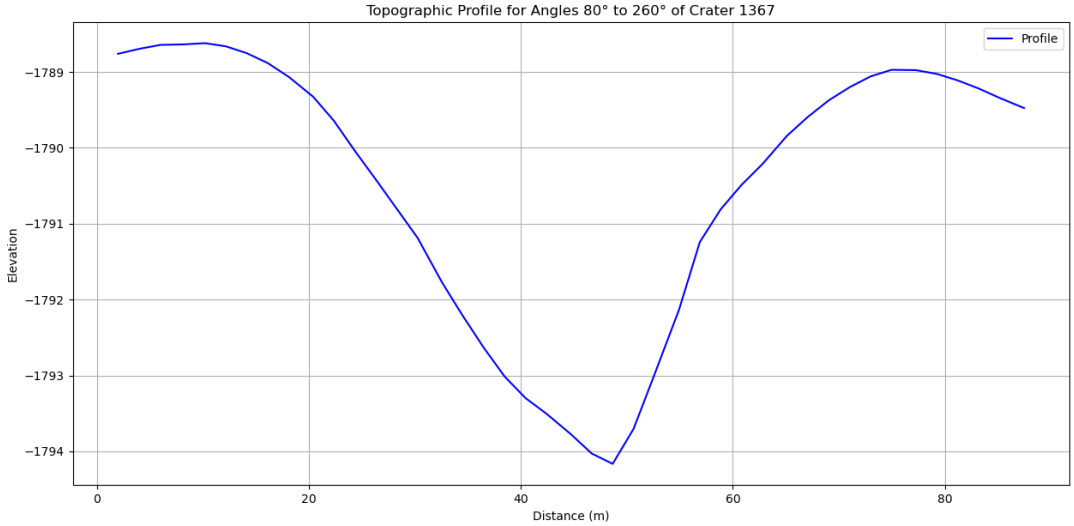

Topographic Profile for Angles 30° to 210° of Crater 1367
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80
100
Distance (m)

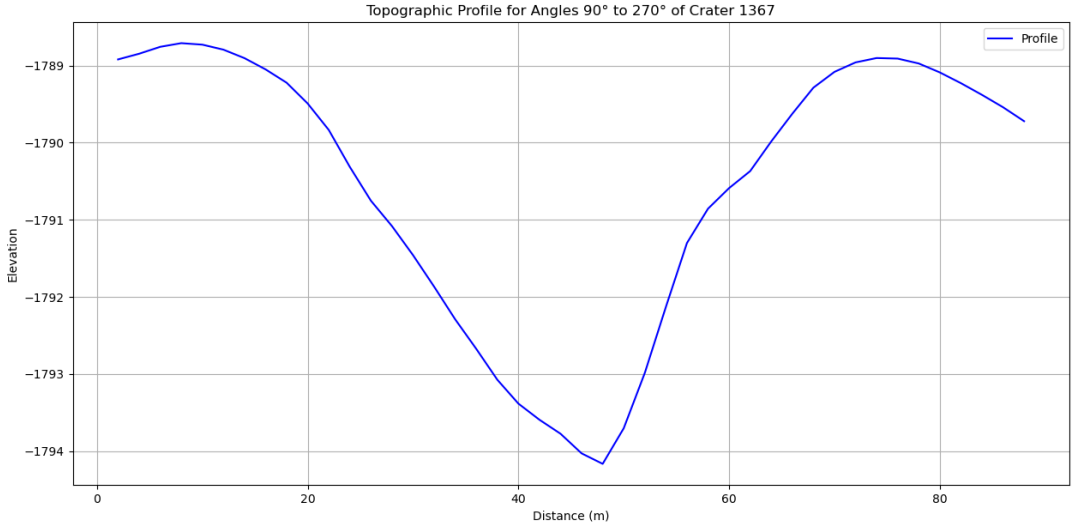

Topographic Profile for Angles 40° to 220° of Crater 1367
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80
100
Distance (m)

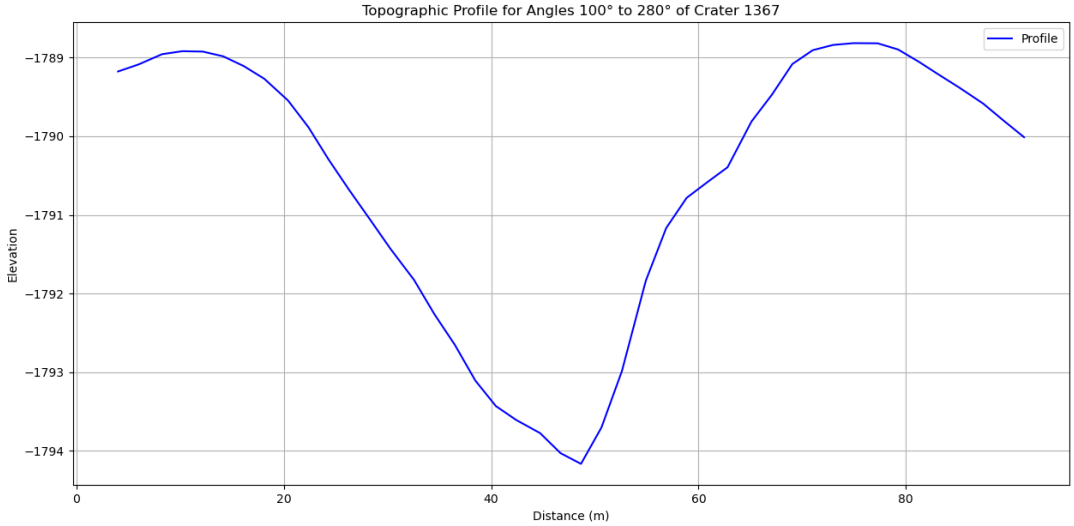

Topographic Profile for Angles 50° to 230° of Crater 1367
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80
100
Distance (m)

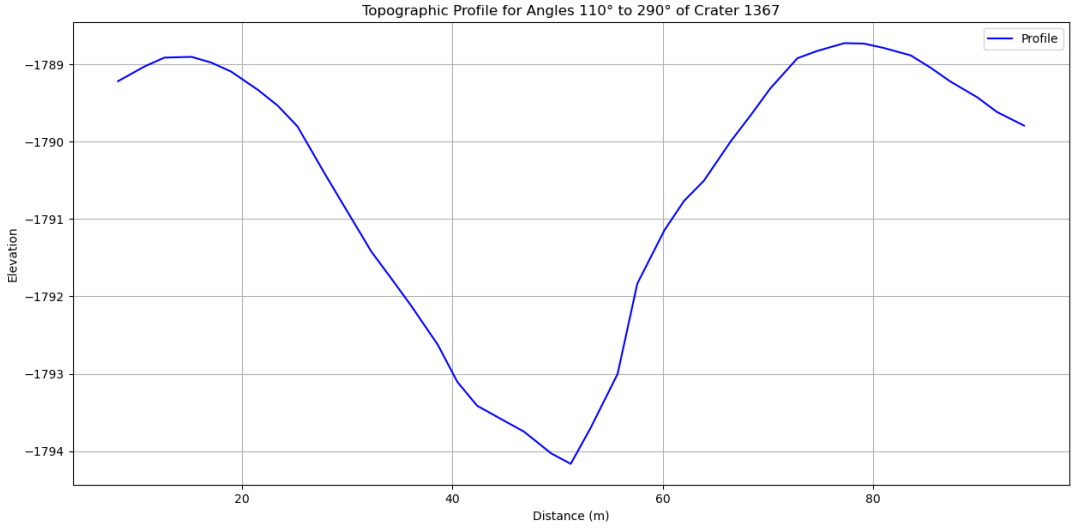

Topographic Profile for Angles 60° to 240° of Crater 1367
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80
Distance (m)

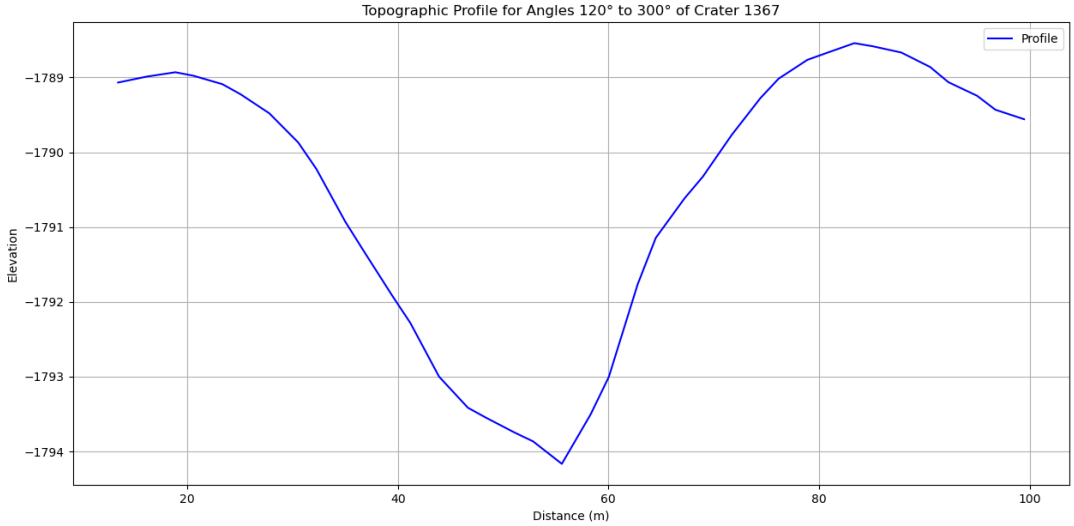

Topographic Profile for Angles 70° to 250° of Crater 1367
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 1367
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 1367
Profile
Elevation
Distance (m)
−1789
−1790
−1791
−1792
−1793
−1794
0
20
40
60
80


Topographic Profile for Angles 100° to 280° of Crater 1367
Profile
Elevation
Distance (m)
−1789
−1790
−1791
−1792
−1793
−1794
0
20
40
60
80


Topographic Profile for Angles 110° to 290° of Crater 1367
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80
Distance (m)


Topographic Profile for Angles 120° to 300° of Crater 1367
Profile
Elevation
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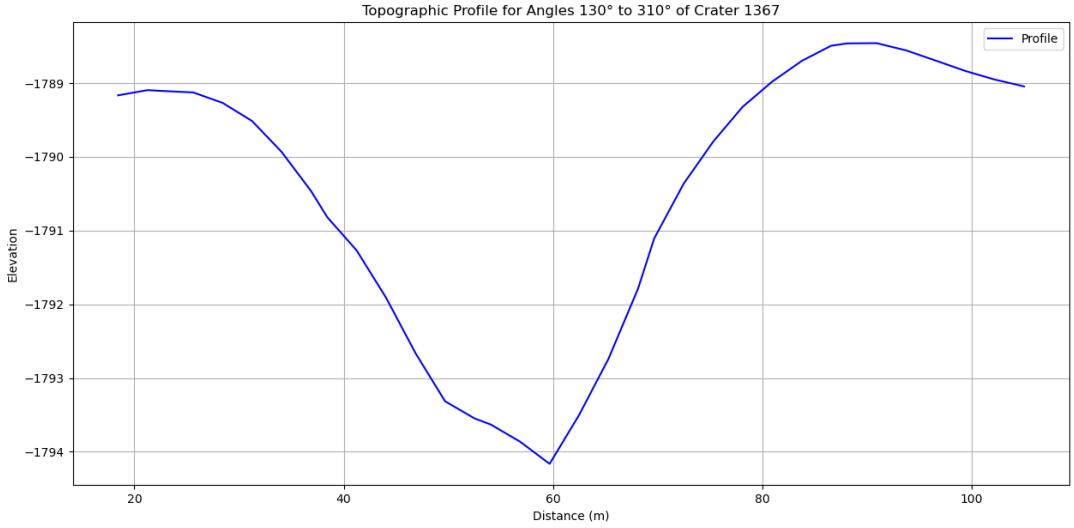
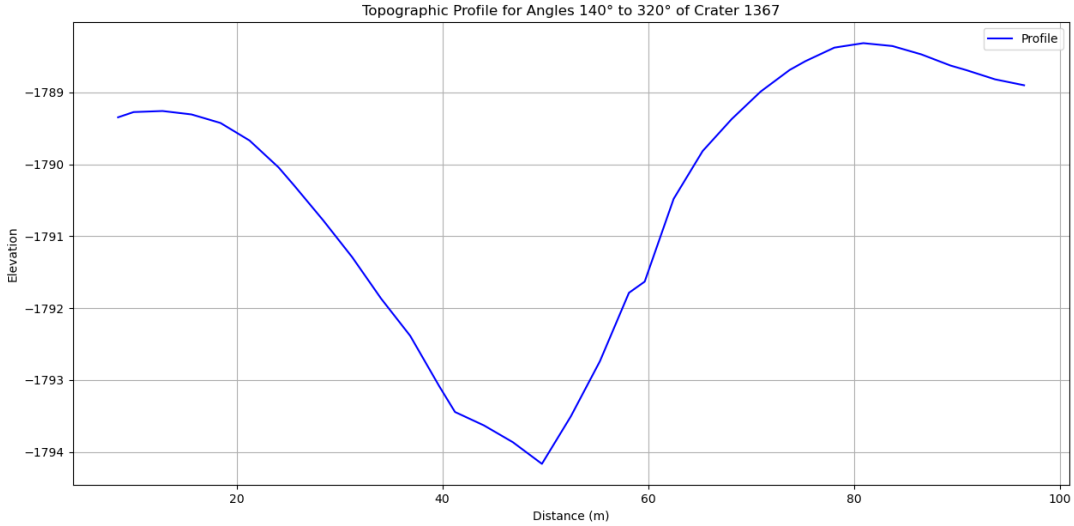
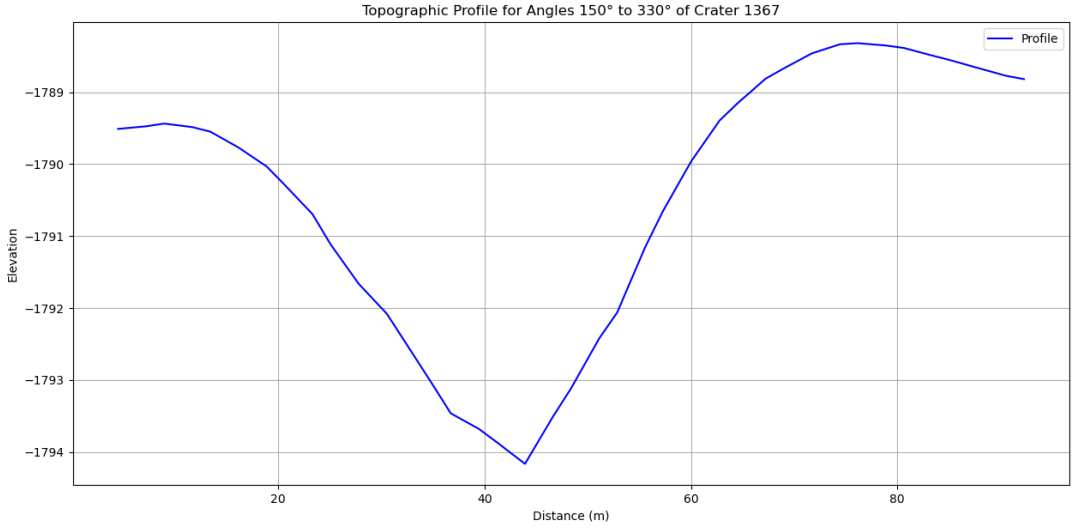
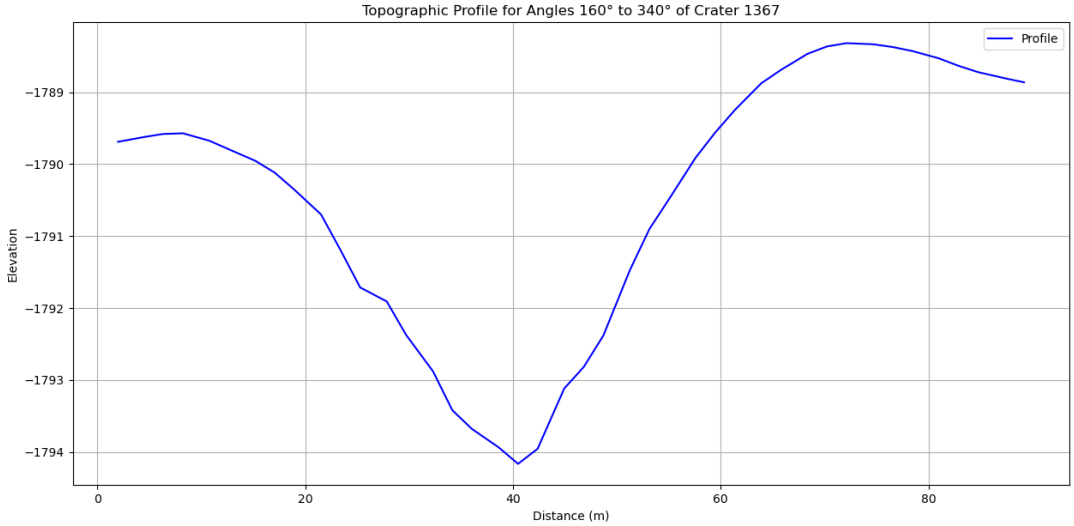
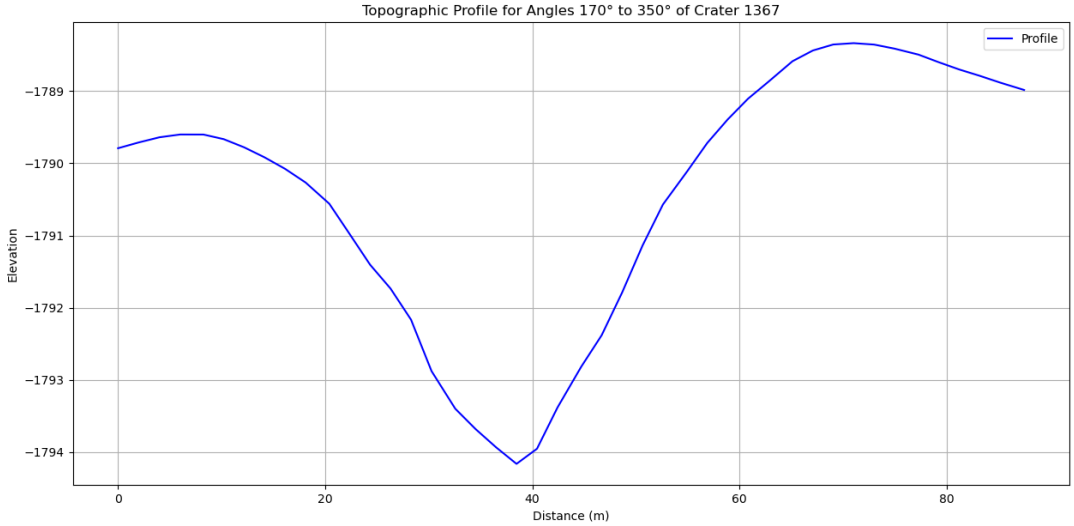
−1790
−1791
−1792
−1793
−1794
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 1367
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 1367
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 1367
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
20
40
60
80
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 1367
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 1367
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
0
20
40
60
80
Distance (m)