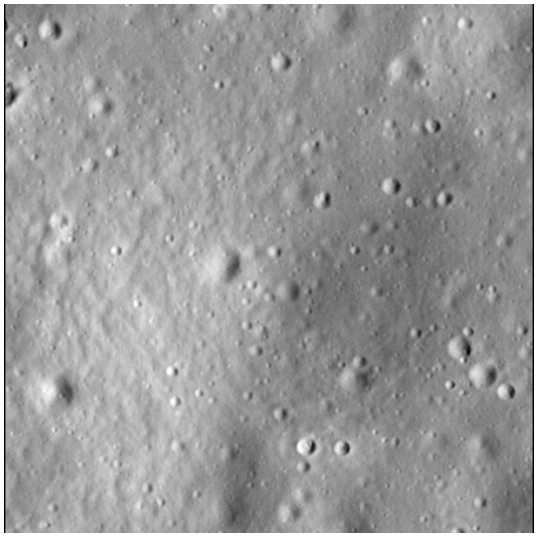
Crater report 1368 of RG2

General information



ID : 1368

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 215m ± 12.0m

Mean depht : 8.3m ± 0.5m

d/D ratio : 0.039 ± 0.003

Circularity index : 0.91

Slope : Between 3.1° et 7.92°

Mean value of TRI on the rim crest : 0.24

Geometric center coordinates : (3656023.164079714, 223890.43290712324)

Coordinates of the crater's lowest point : (3656029.0000011004, 223883.00000006607)

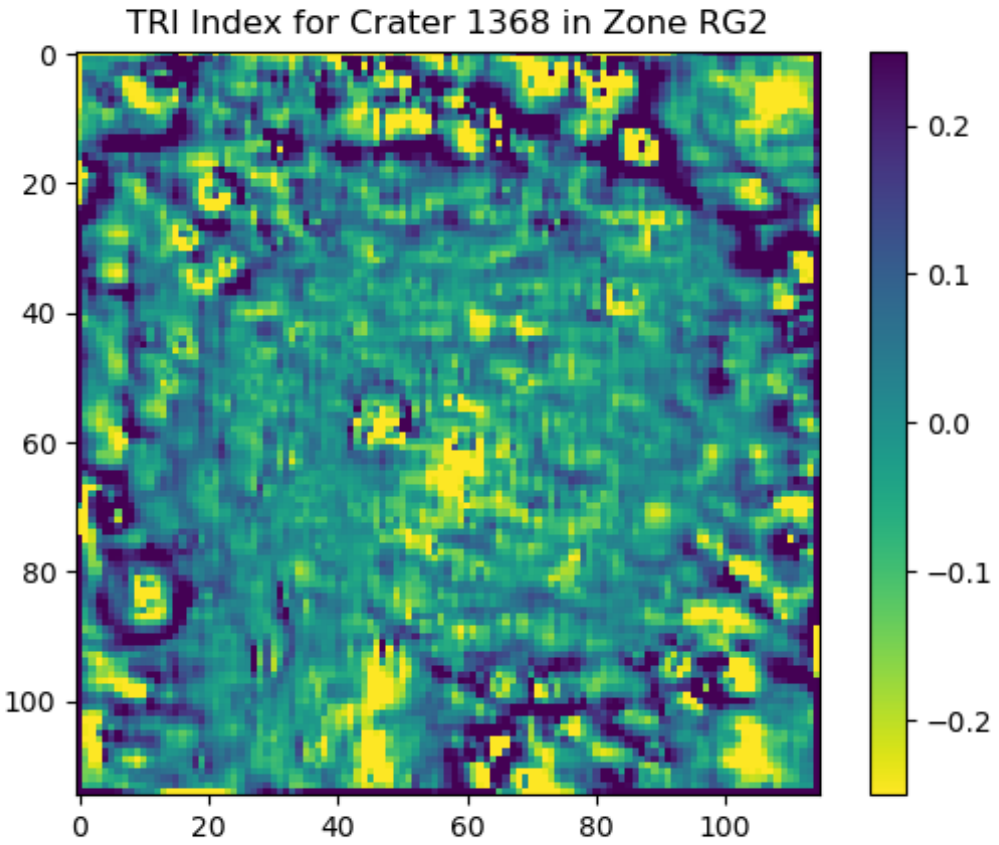
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	5.89	0.57
10°	5.36	0.55
20°	5.22	0.52
30°	4.93	0.48
40°	4.42	0.43
50°	4.43	0.43
60°	4.81	0.48
70°	5.04	0.51
80°	5.02	0.55
90°	4.84	0.57
100°	4.44	0.54
110°	4.44	0.52

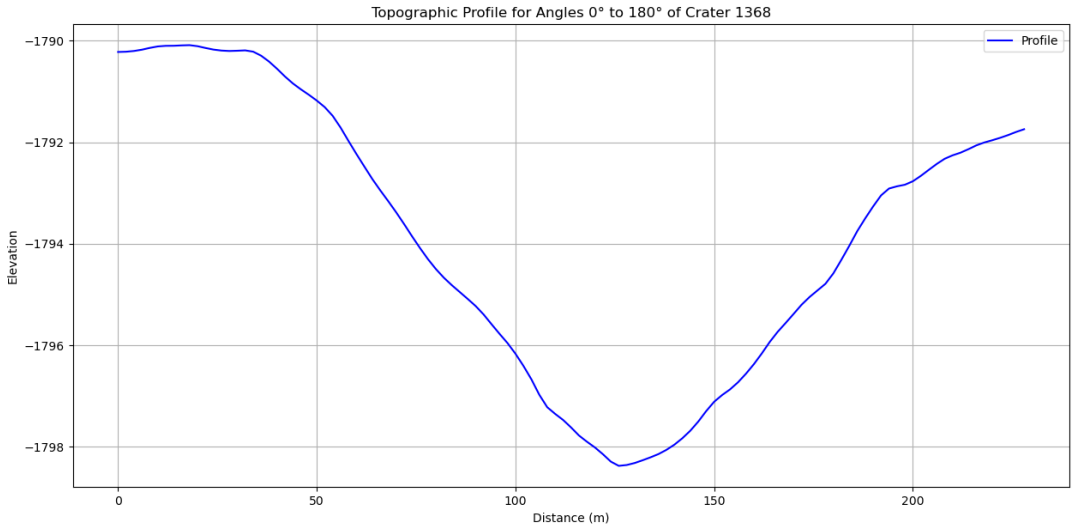
120°	4.6	0.48
130°	5.08	0.42
140°	5.28	0.42
150°	5.53	0.48
160°	5.57	0.51
170°	5.74	0.55
180°	5.49	0.57
190°	4.63	0.55
200°	4.01	0.52
210°	3.1	0.48
220°	4.97	0.43
230°	6.44	0.43
240°	7.19	0.47
250°	7.61	0.52
260°	7.4	0.54
270°	7.92	0.57
280°	7.61	0.55
290°	7.05	0.51
300°	6.66	0.48
310°	6.34	0.43
320°	6.0	0.44
330°	5.64	0.48
340°	5.38	0.52
350°	5.71	0.55

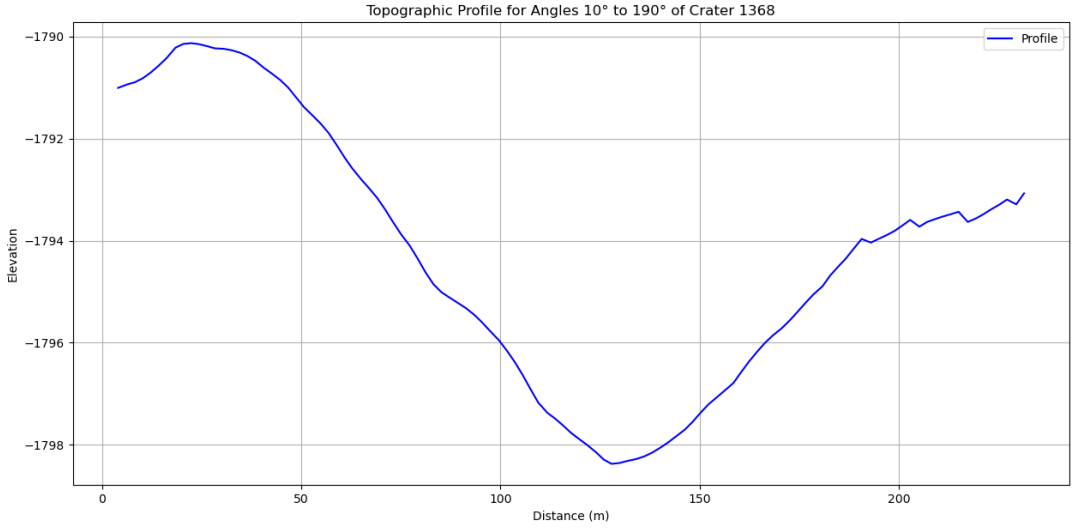
Topographic roughness index (TRI)

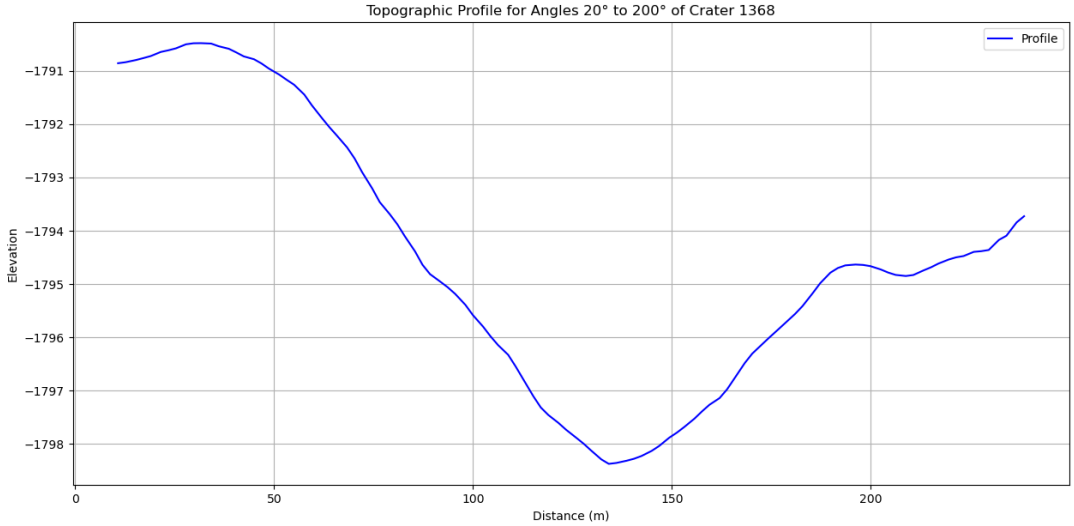
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

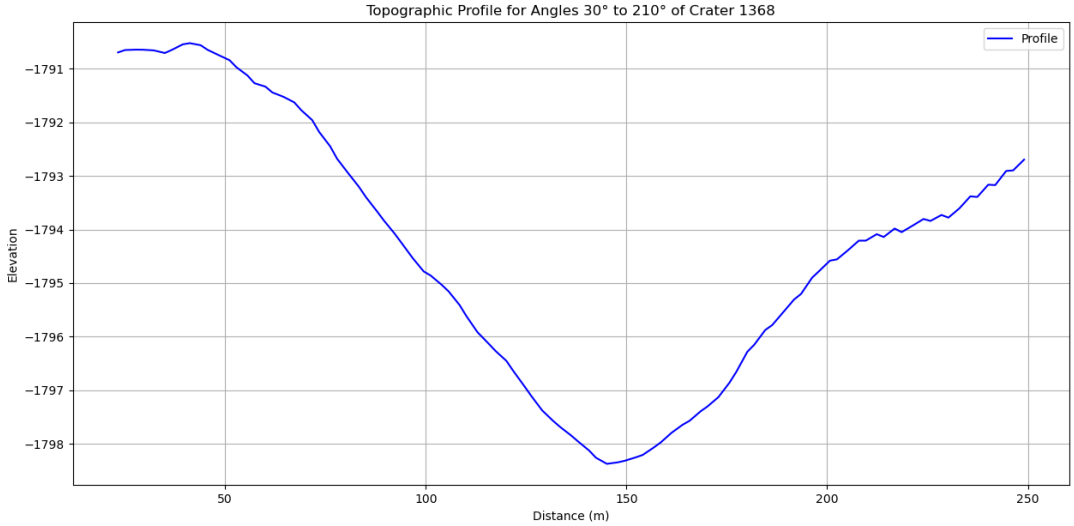


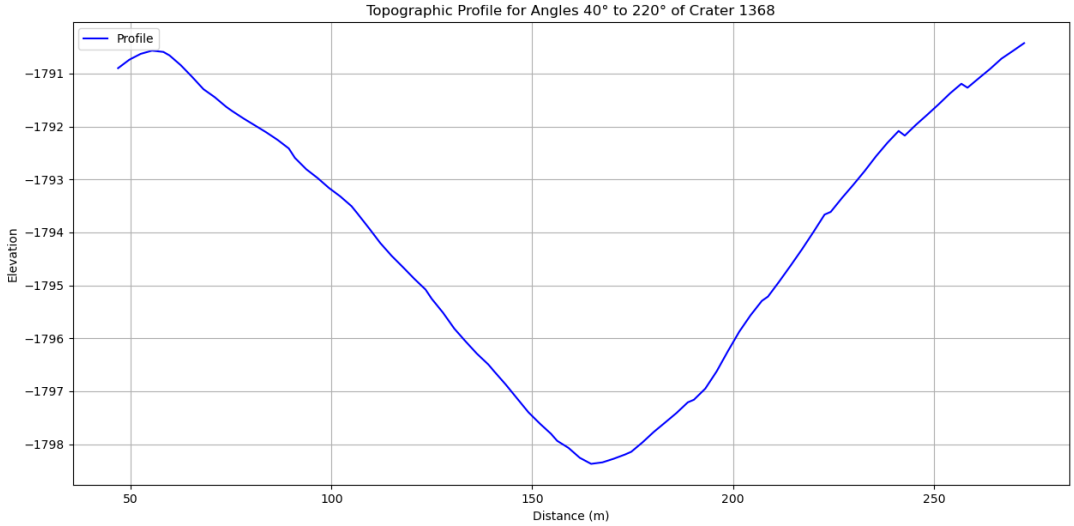
Topographic profiles

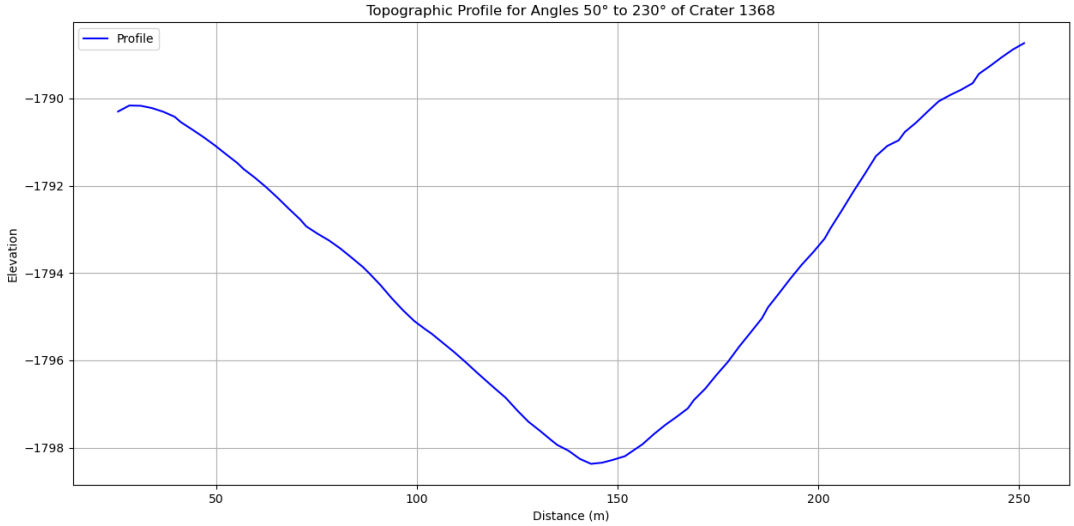


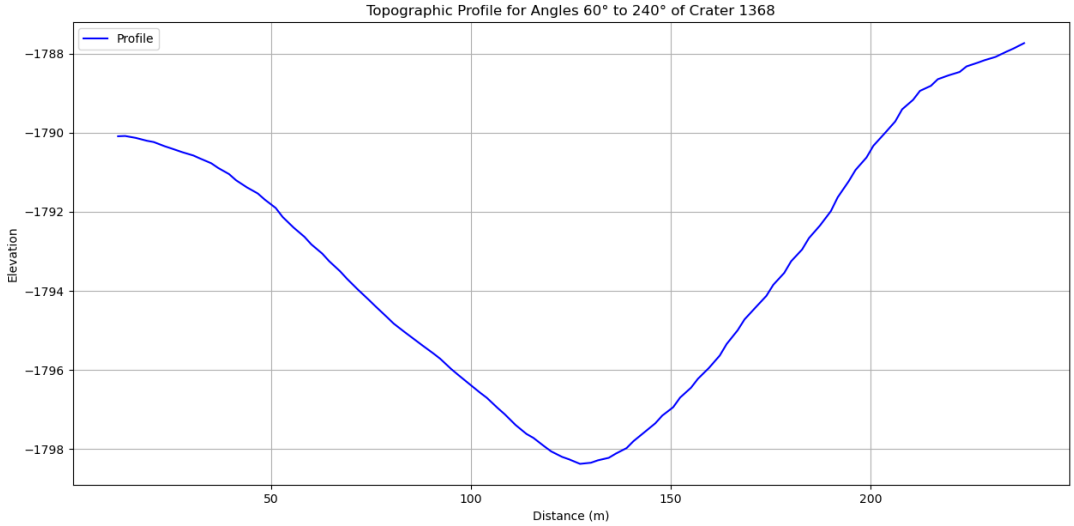

Topographic Profile for Angles 10° to 190° of Crater 1368
Profile
Elevation
−1790
−1792
−1794
−1796
−1798
0
50
100
150
200
Distance (m)

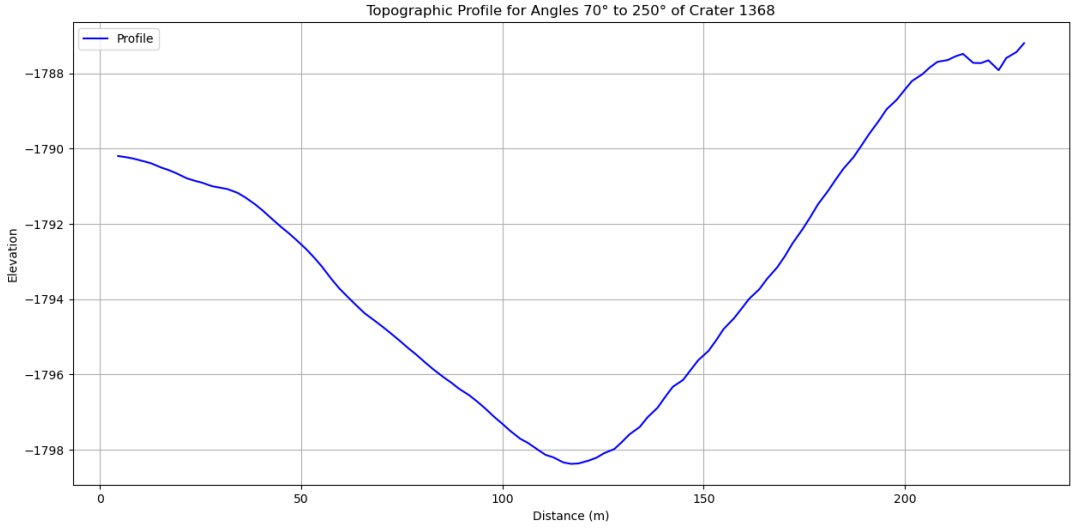

Topographic Profile for Angles 20° to 200° of Crater 1368
Profile
Elevation
−1791
−1792
−1793
−1794
−1795
−1796
−1797
−1798
0
50
100
150
200
Distance (m)

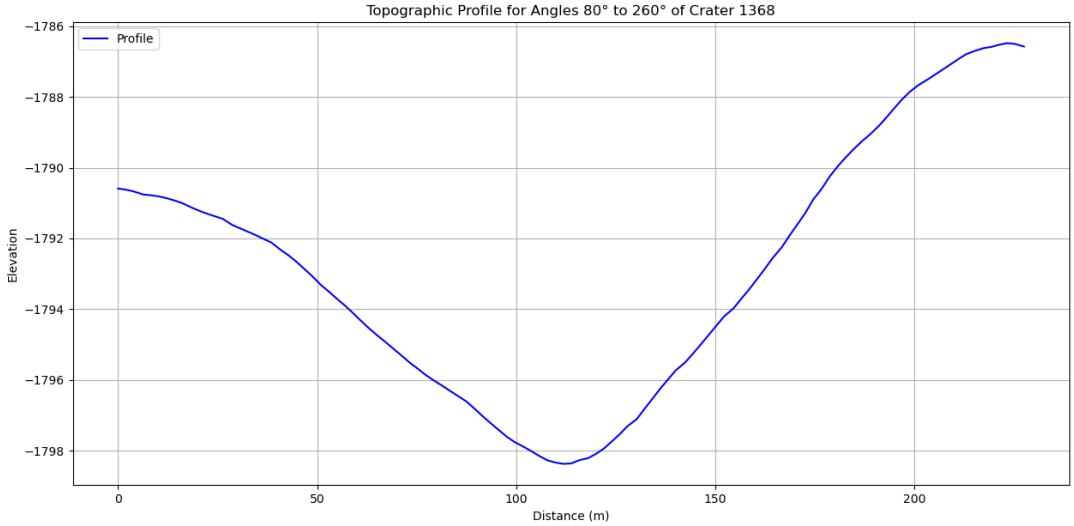

Topographic Profile for Angles 30° to 210° of Crater 1368
Profile
Elevation
−1791
−1792
−1793
−1794
−1795
−1796
−1797
−1798
50
100
150
200
250
Distance (m)

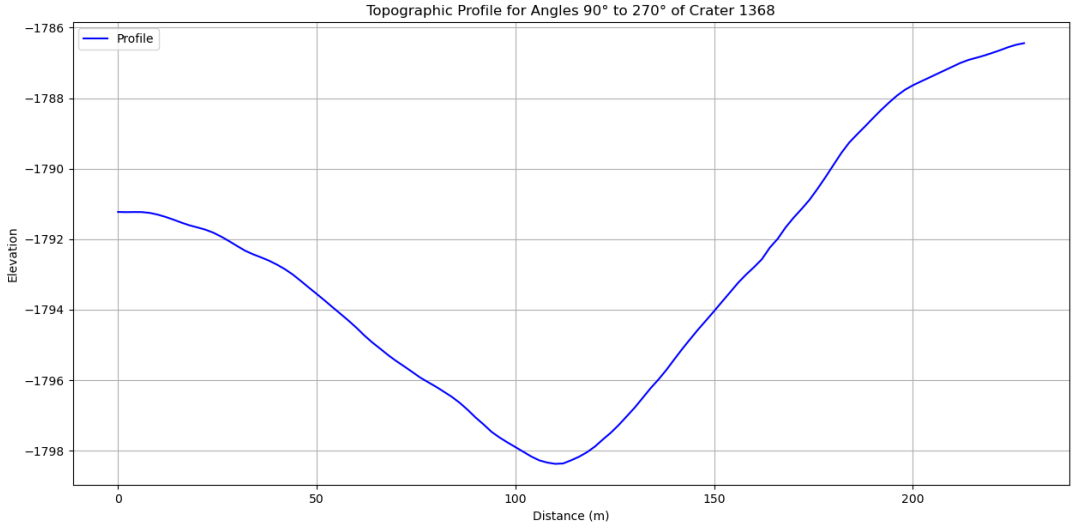

Topographic Profile for Angles 40° to 220° of Crater 1368
Profile
Elevation
−1791
−1792
−1793
−1794
−1795
−1796
−1797
−1798
50
100
150
200
250
Distance (m)

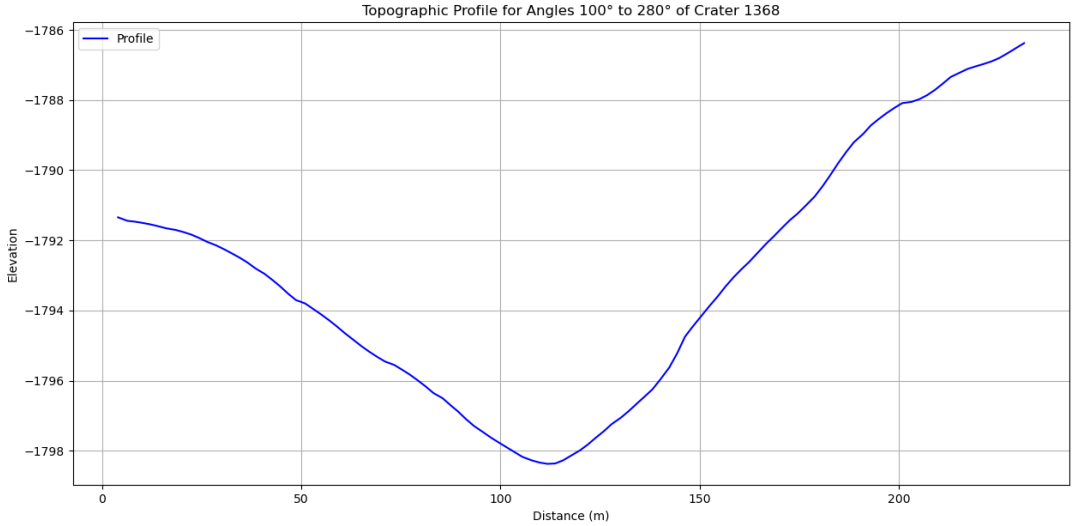

Topographic Profile for Angles 50° to 230° of Crater 1368
Profile
Elevation
−1790
−1792
−1794
−1796
−1798
50
100
150
200
250
Distance (m)

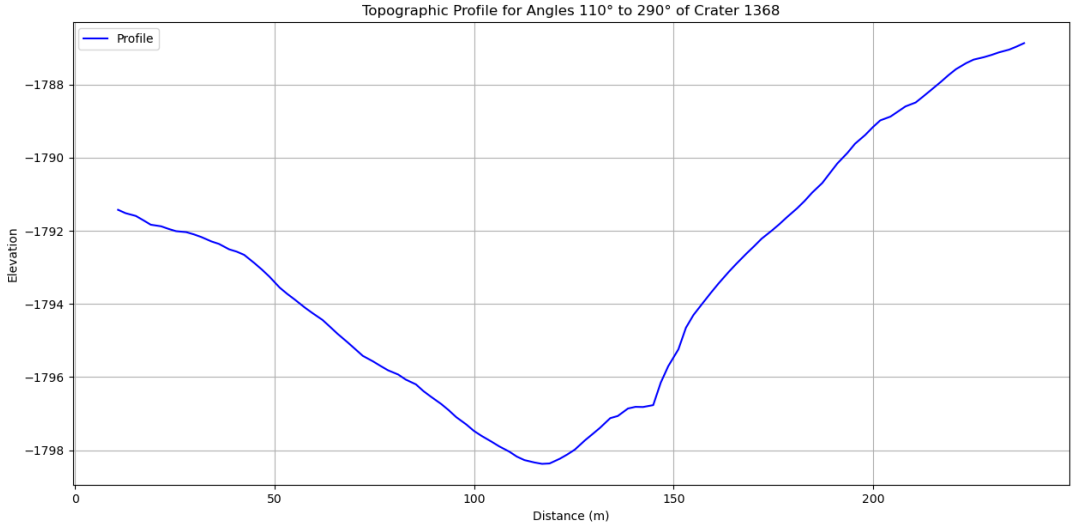

Topographic Profile for Angles 60° to 240° of Crater 1368
Profile
Elevation
−1788
−1790
−1792
−1794
−1796
−1798
50
100
150
200
Distance (m)

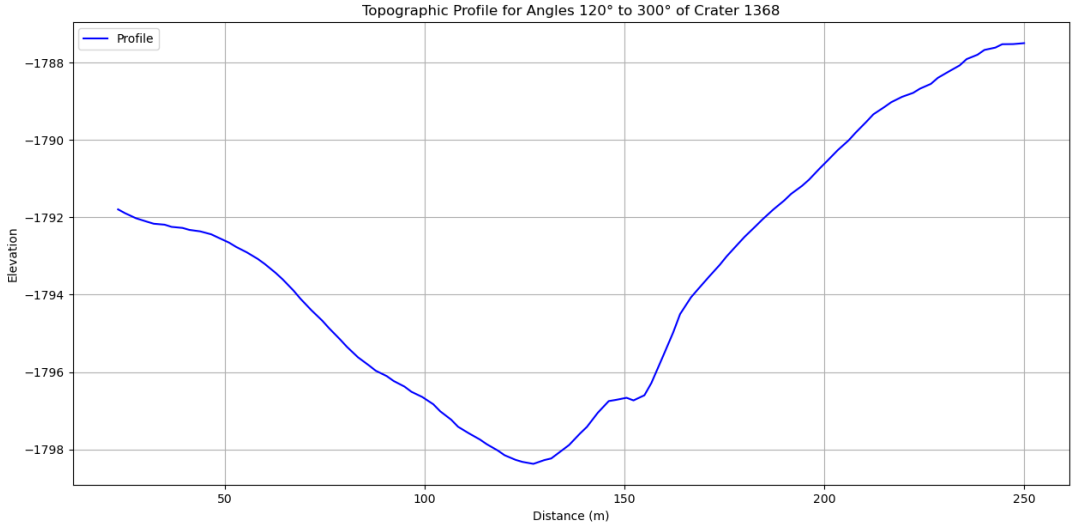

Topographic Profile for Angles 70° to 250° of Crater 1368
Profile
Elevation
−1788
−1790
−1792
−1794
−1796
−1798
0
50
100
150
200
Distance (m)

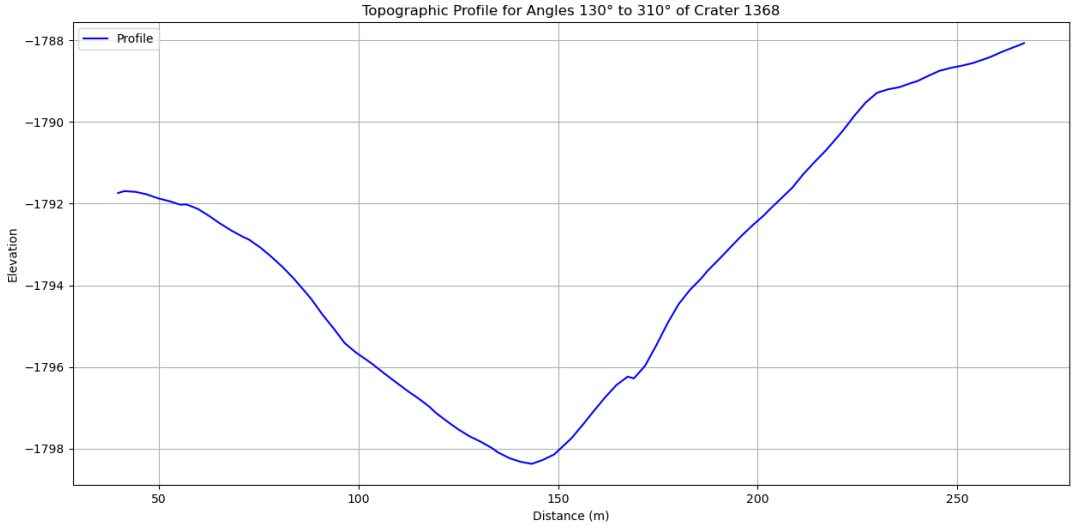

Topographic Profile for Angles 80° to 260° of Crater 1368
Profile
Elevation
−1786
−1788
−1790
−1792
−1794
−1796
−1798
0
50
100
150
200
Distance (m)

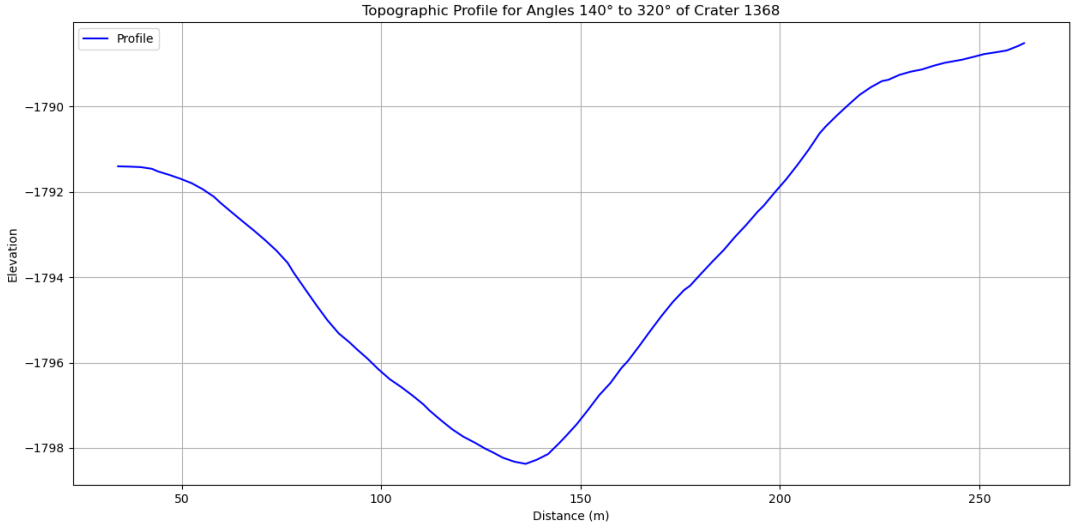

Topographic Profile for Angles 90° to 270° of Crater 1368
Profile
Elevation
Distance (m)
−1786
−1788
−1790
−1792
−1794
−1796
−1798
0
50
100
150
200

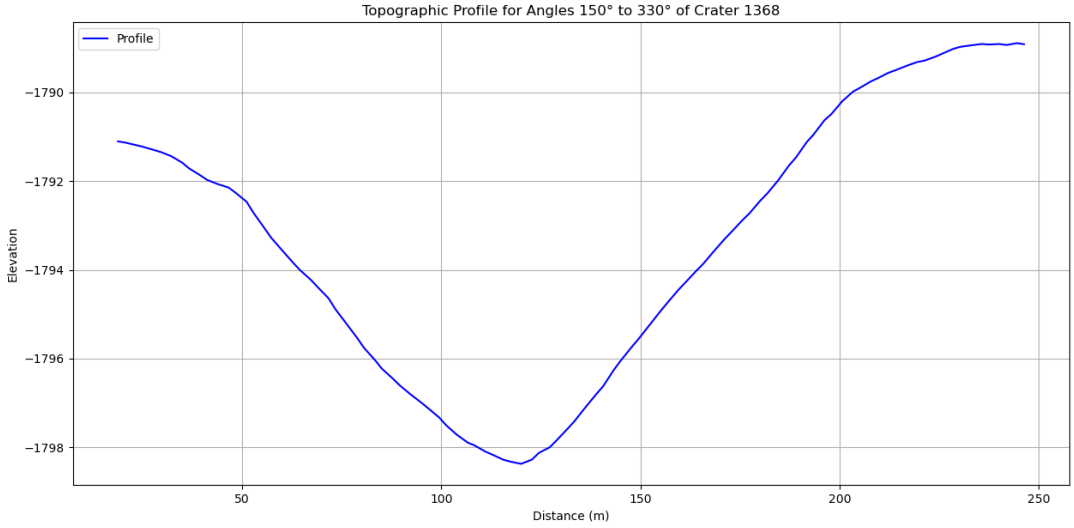

Topographic Profile for Angles 100° to 280° of Crater 1368
Profile
Elevation
Distance (m)
−1786
−1788
−1790
−1792
−1794
−1796
−1798
0
50
100
150
200

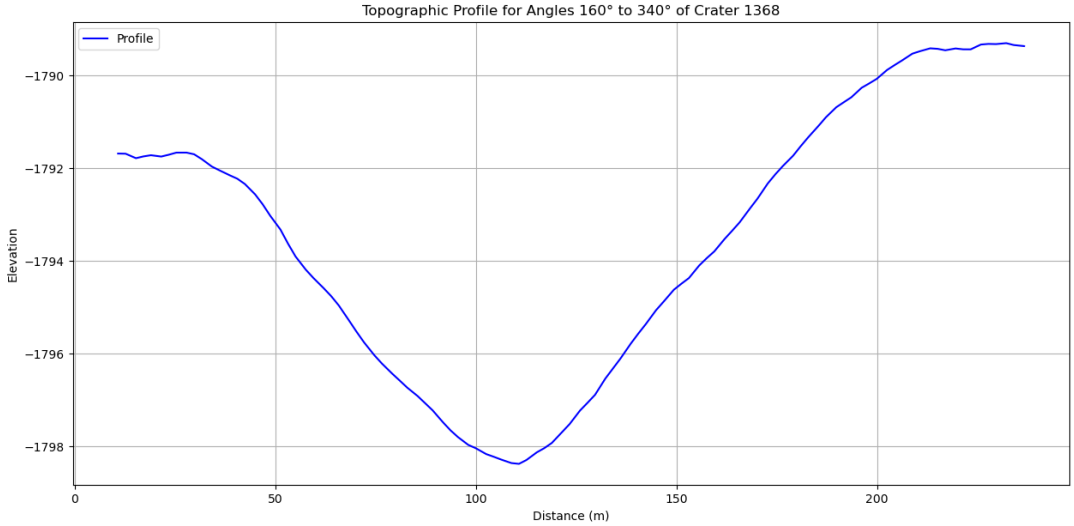

Topographic Profile for Angles 110° to 290° of Crater 1368
Profile
Elevation
−1788
−1790
−1792
−1794
−1796
−1798
0
50
100
150
200
Distance (m)

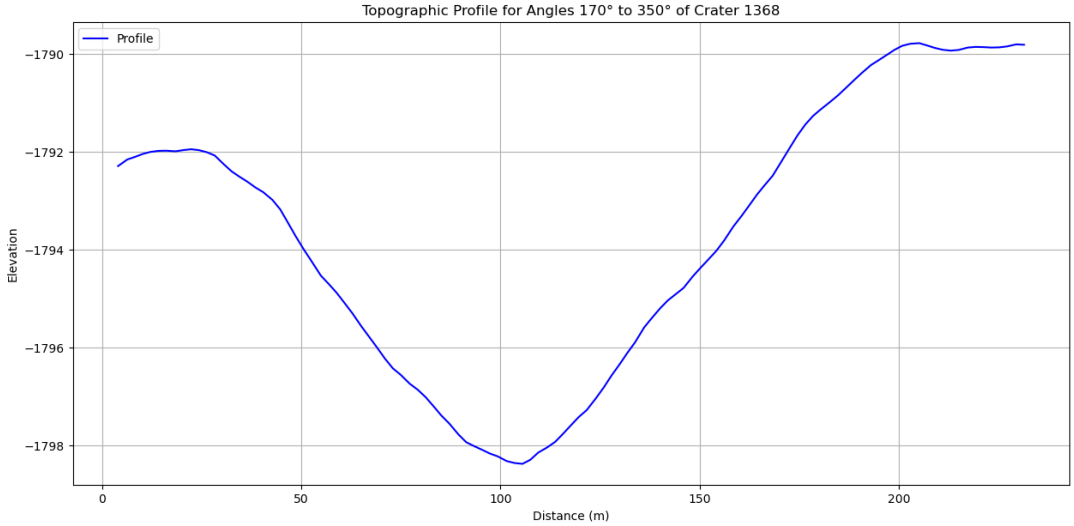

Topographic Profile for Angles 120° to 300° of Crater 1368
Profile
Elevation
−1788
−1790
−1792
−1794
−1796
−1798
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 1368
Profile
−1788
−1790
−1792
−1794
−1796
−1798
Elevation
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 1368
Profile
−1790
−1792
−1794
−1796
−1798
Elevation
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 1368
Profile
Elevation
−1790
−1792
−1794
−1796
−1798
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 1368
Profile
Elevation
−1790
−1792
−1794
−1796
−1798
0
50
100
150
200
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 1368
Profile
Elevation
−1790
−1792
−1794
−1796
−1798
0
50
100
150
200
Distance (m)