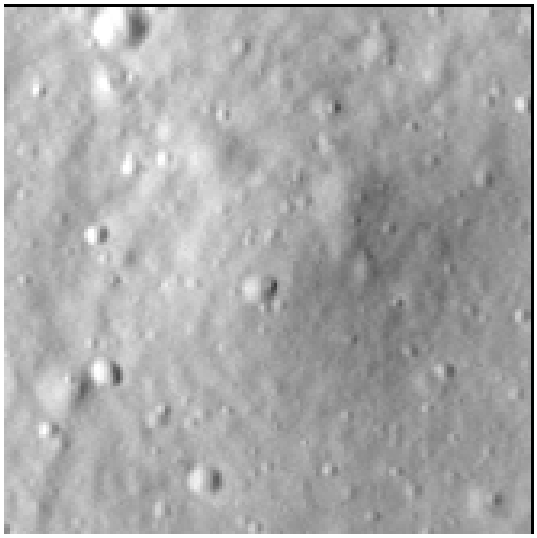
Crater report 2331 of RG2

General information



ID : 2331

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 90m ± 4.0m

Mean depht : 3.7m ± 0.5m

d/D ratio : 0.041 ± 0.006

Circularity index : 0.94

Slope : Between 1.92° et 9.53°

Mean value of TRI on the rim crest : 0.07

Geometric center coordinates : (3655325.1970044035, 217860.63070530604)

Coordinates of the crater's lowest point : (3655329.0000011, 217857.00000006423)

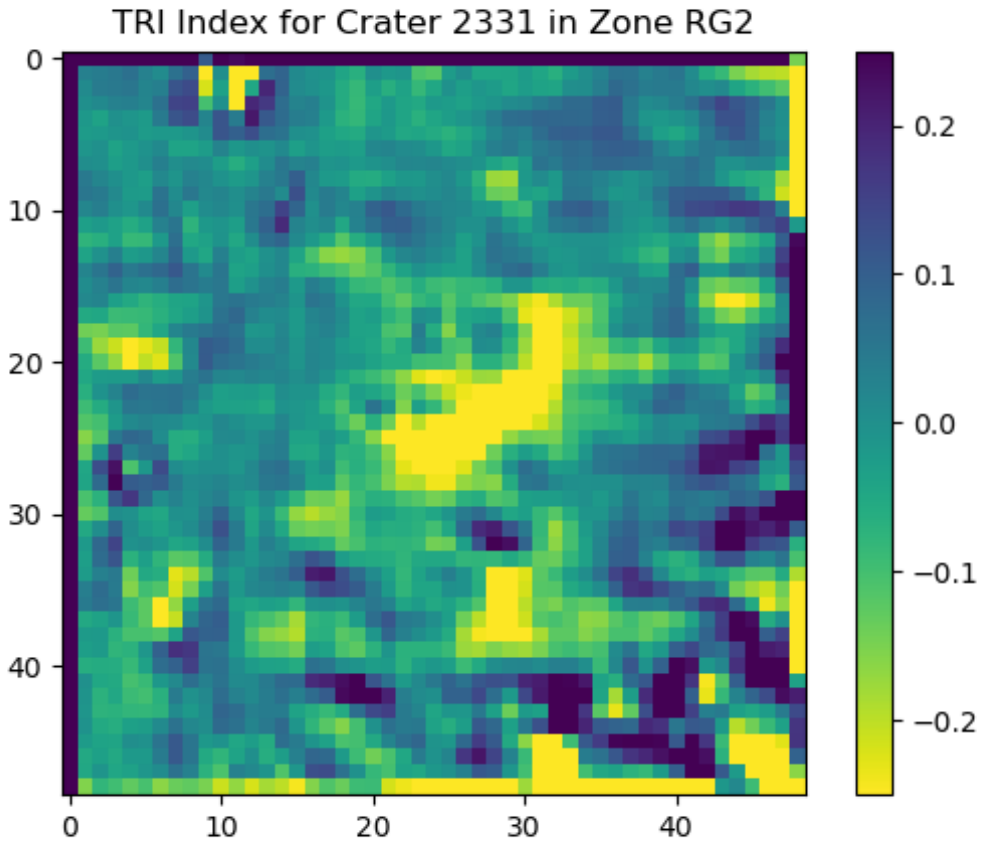
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	7.86	0.57
10°	7.67	0.56
20°	7.62	0.52
30°	7.91	0.49
40°	7.09	0.43
50°	6.08	0.43
60°	4.58	0.48
70°	4.29	0.5
80°	4.48	0.54
90°	4.61	0.57
100°	4.16	0.55
110°	3.59	0.5

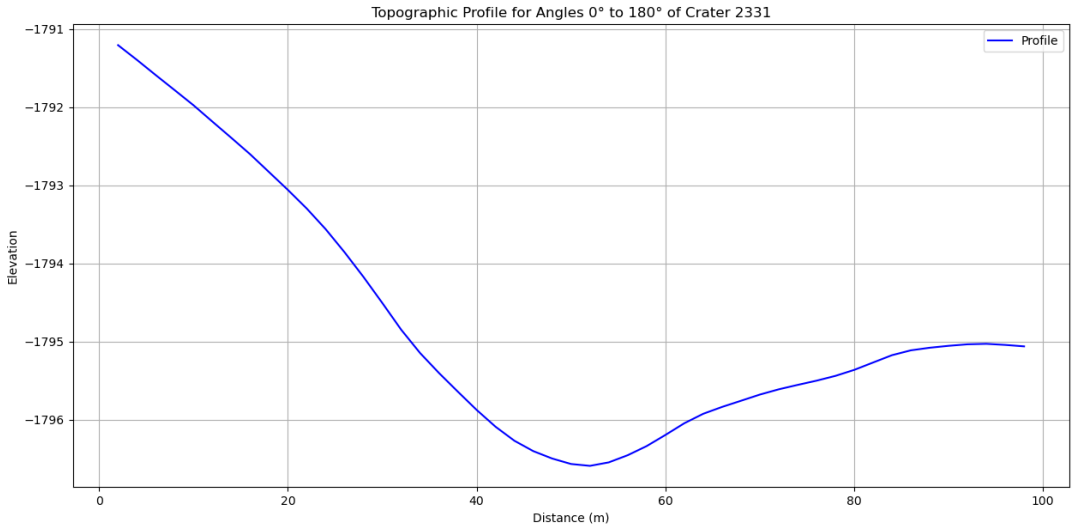
120°	3.3	0.49
130°	3.11	0.43
140°	2.3	0.42
150°	1.92	0.49
160°	1.97	0.51
170°	2.19	0.56
180°	2.54	0.57
190°	2.79	0.56
200°	3.39	0.5
210°	3.6	0.48
220°	4.14	0.42
230°	4.71	0.42
240°	5.49	0.46
250°	6.26	0.51
260°	7.21	0.54
270°	7.97	0.57
280°	8.26	0.54
290°	8.44	0.51
300°	8.45	0.48
310°	9.43	0.42
320°	9.53	0.42
330°	8.54	0.48
340°	8.02	0.51
350°	7.9	0.54

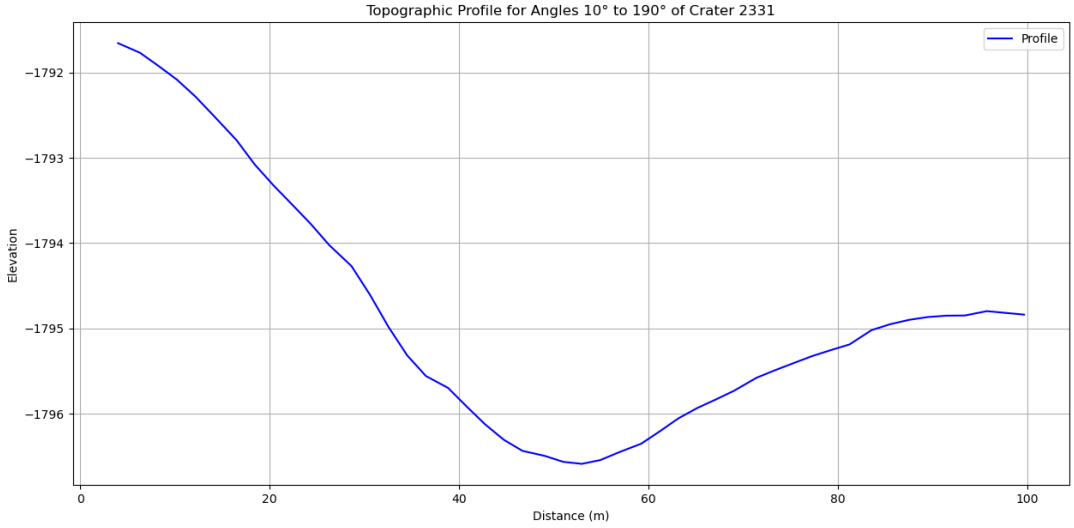
Topographic roughness index (TRI)

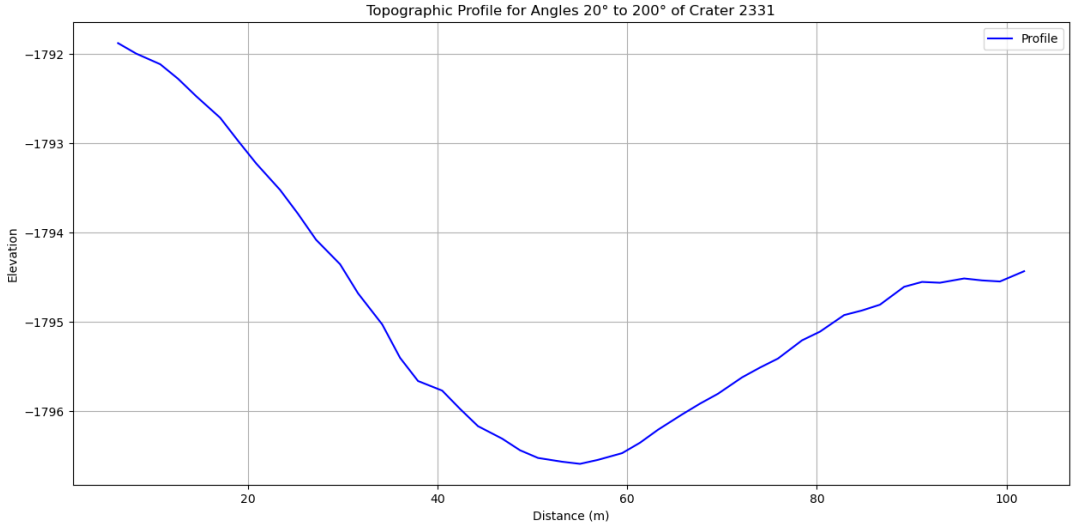
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

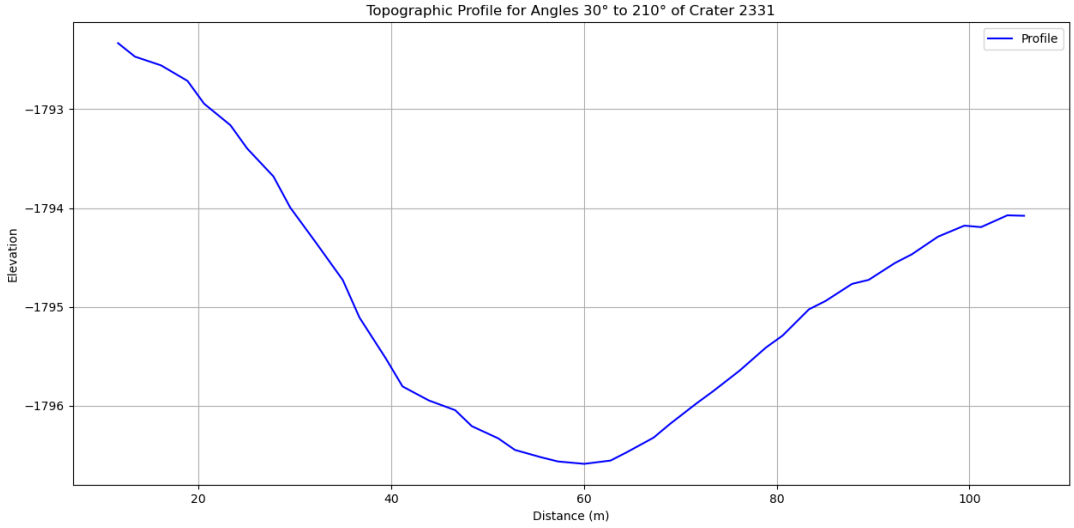


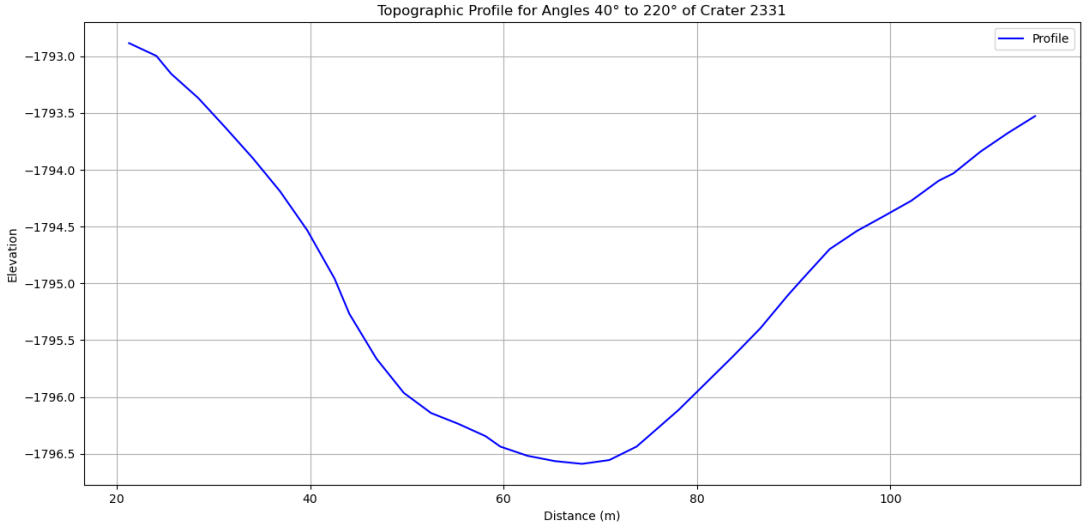
Topographic profiles

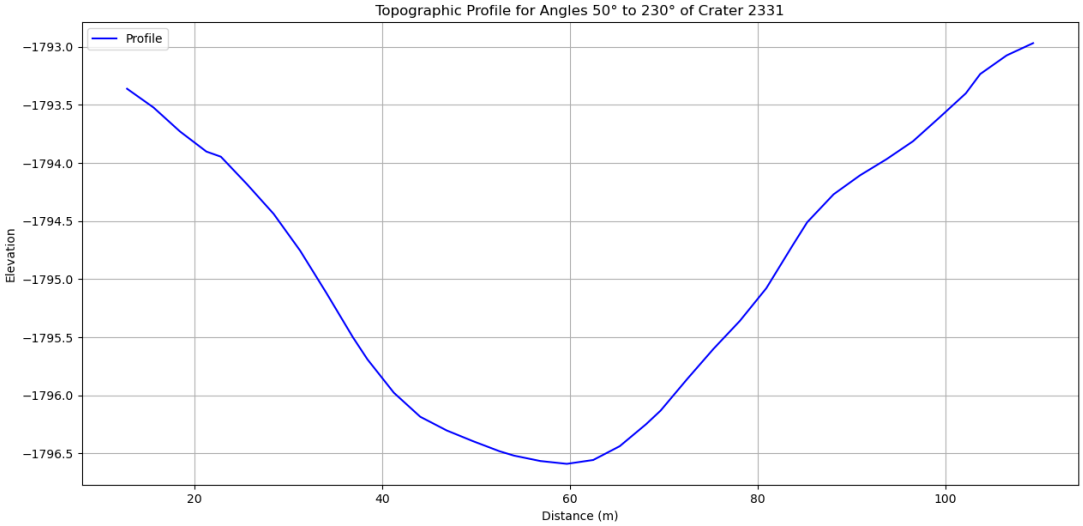


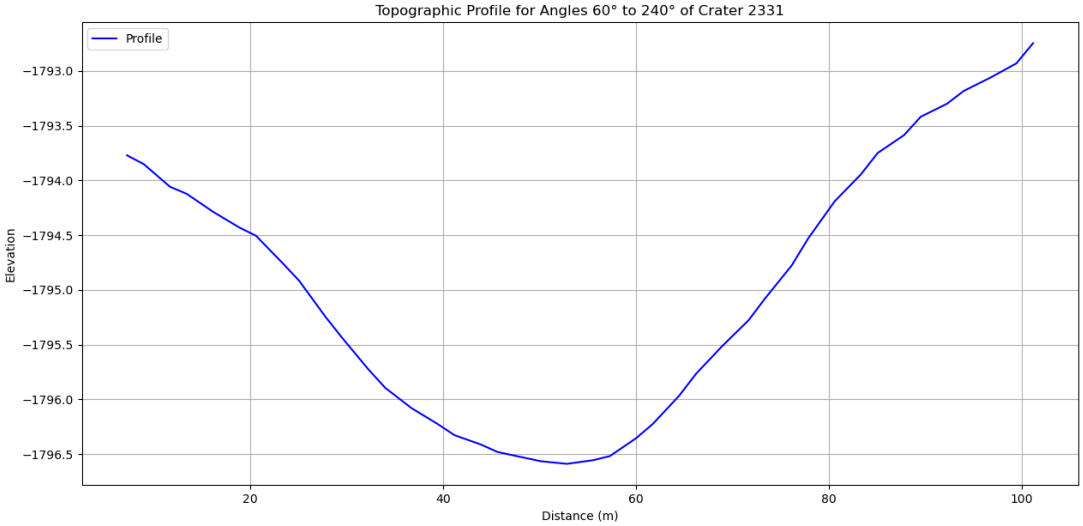

Topographic Profile for Angles 10° to 190° of Crater 2331
Profile
Elevation
−1792
−1793
−1794
−1795
−1796
0
20
40
60
80
100
Distance (m)

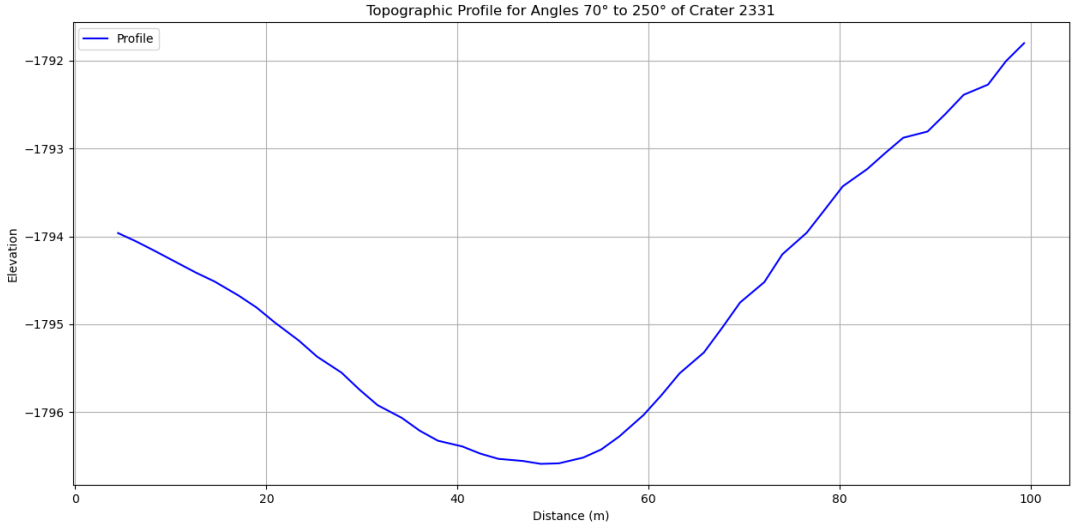

Topographic Profile for Angles 20° to 200° of Crater 2331
Profile
Elevation
−1792
−1793
−1794
−1795
−1796
20
40
60
80
100
Distance (m)

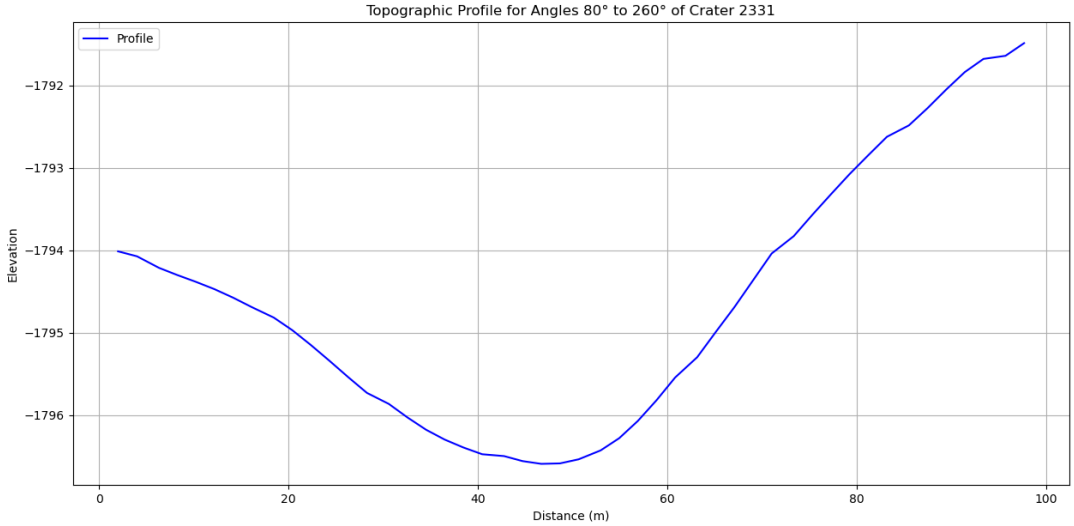

Topographic Profile for Angles 30° to 210° of Crater 2331
Profile
Elevation
−1793
−1794
−1795
−1796
20
40
60
80
100
Distance (m)

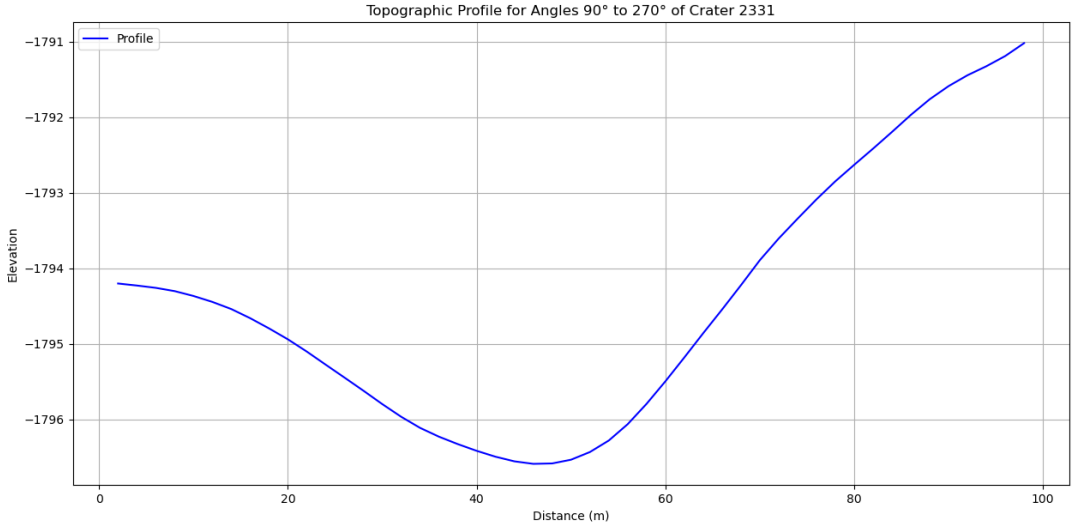

Topographic Profile for Angles 40° to 220° of Crater 2331
Profile
Elevation
−1793.0
−1793.5
−1794.0
−1794.5
−1795.0
−1795.5
−1796.0
−1796.5
20
40
60
80
100
Distance (m)

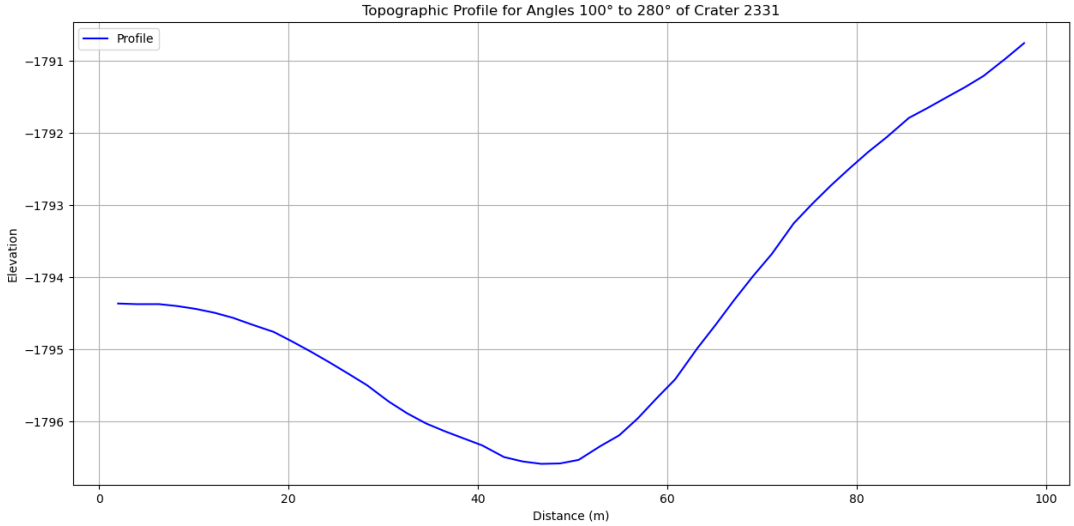

Topographic Profile for Angles 50° to 230° of Crater 2331
Profile
Elevation
Distance (m)
−1793.0
−1793.5
−1794.0
−1794.5
−1795.0
−1795.5
−1796.0
−1796.5
20
40
60
80
100

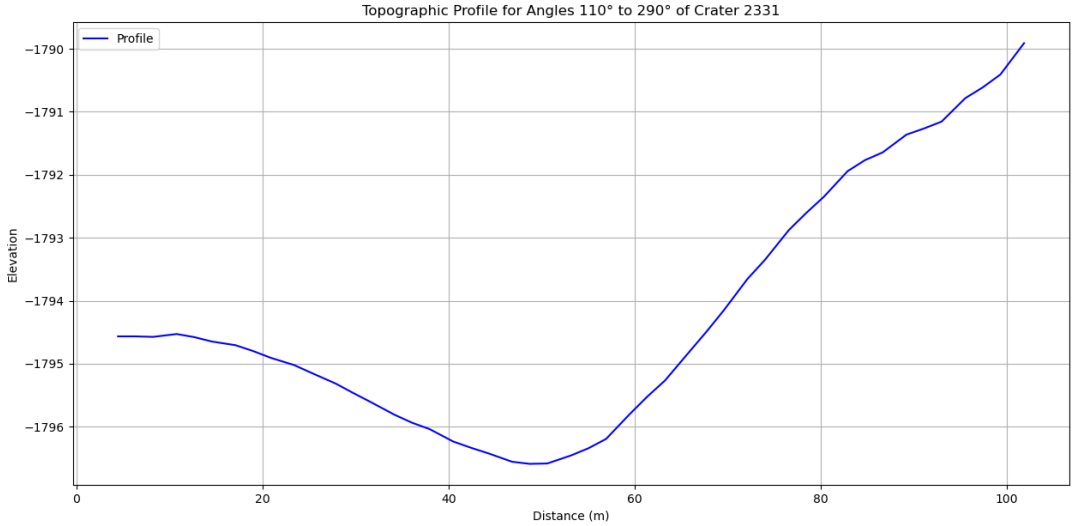

Topographic Profile for Angles 60° to 240° of Crater 2331
Profile
Elevation
Distance (m)
−1793.0
−1793.5
−1794.0
−1794.5
−1795.0
−1795.5
−1796.0
−1796.5
20
40
60
80
100

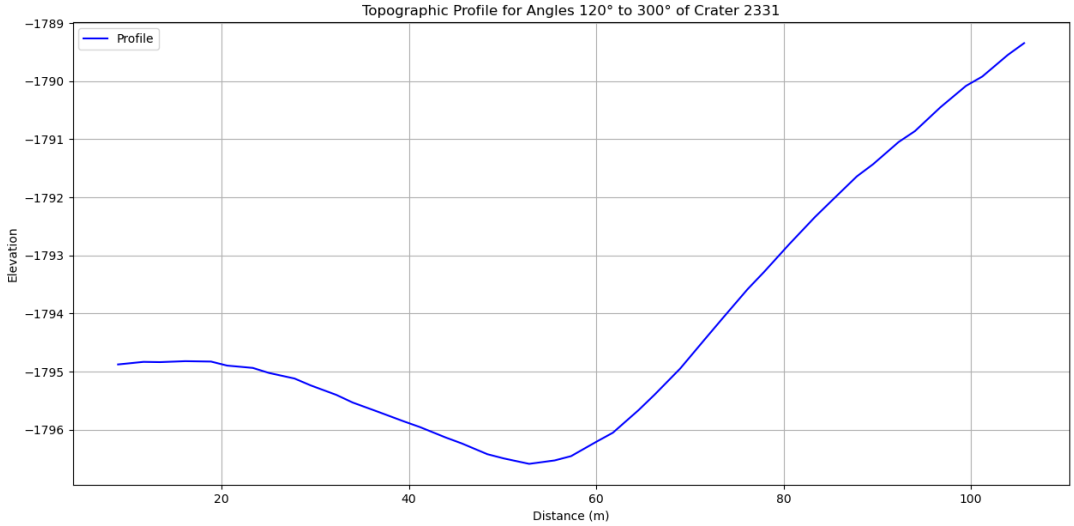

Topographic Profile for Angles 70° to 250° of Crater 2331
Profile
Elevation
−1792
−1793
−1794
−1795
−1796
0
20
40
60
80
100
Distance (m)

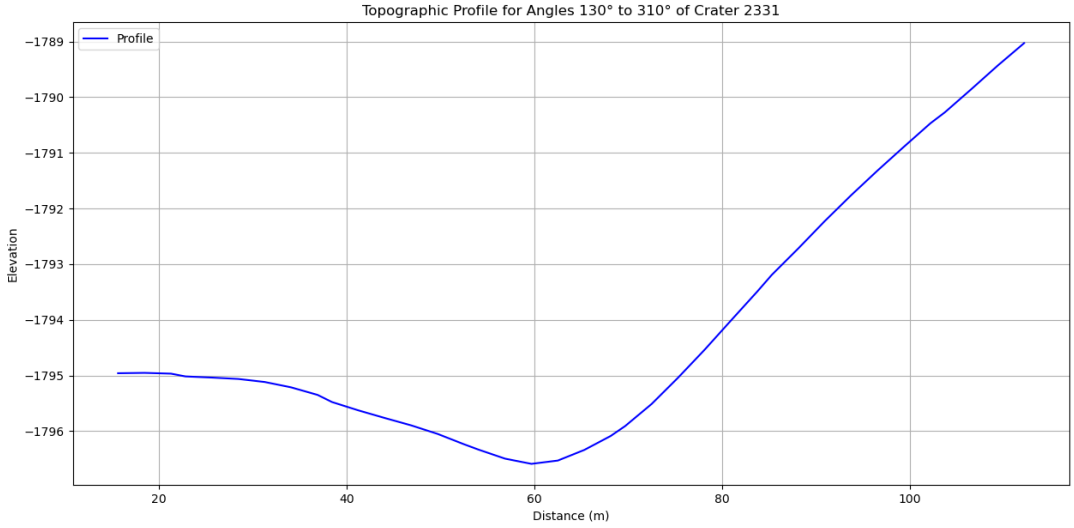

Topographic Profile for Angles 80° to 260° of Crater 2331
Profile
Elevation
−1792
−1793
−1794
−1795
−1796
0
20
40
60
80
100
Distance (m)

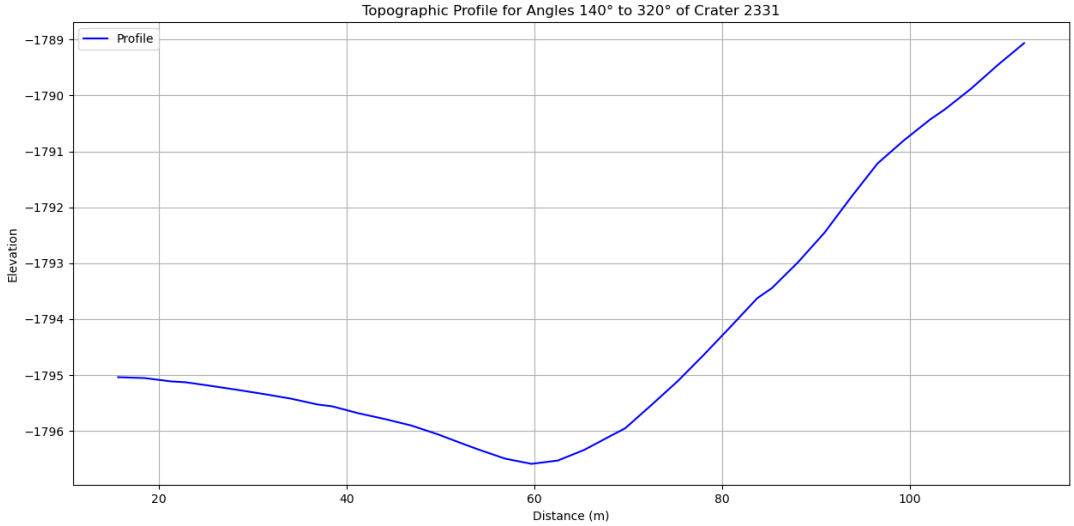

Topographic Profile for Angles 90° to 270° of Crater 2331
Profile
Elevation
−1791
−1792
−1793
−1794
−1795
−1796
0
20
40
60
80
100
Distance (m)

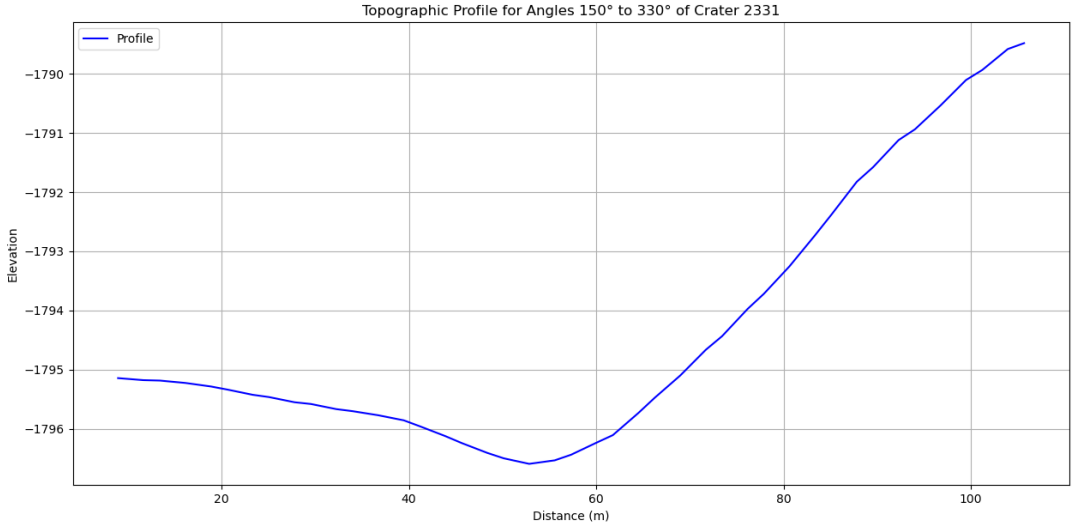

Topographic Profile for Angles 100° to 280° of Crater 2331
Profile
Elevation
−1791
−1792
−1793
−1794
−1795
−1796
0
20
40
60
80
100
Distance (m)

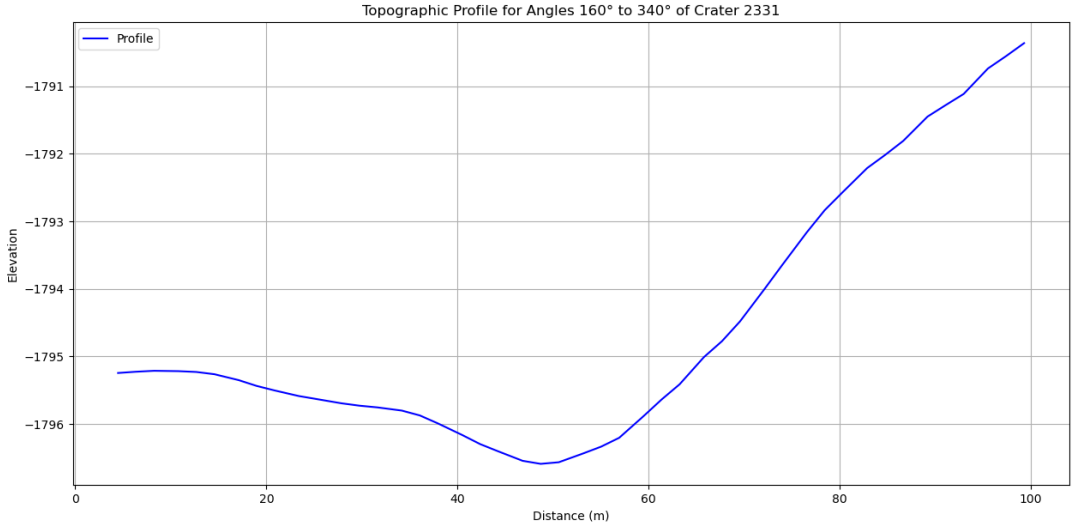

Topographic Profile for Angles 110° to 290° of Crater 2331
Profile
Elevation
Distance (m)
−1790
−1791
−1792
−1793
−1794
−1795
−1796
0
20
40
60
80
100

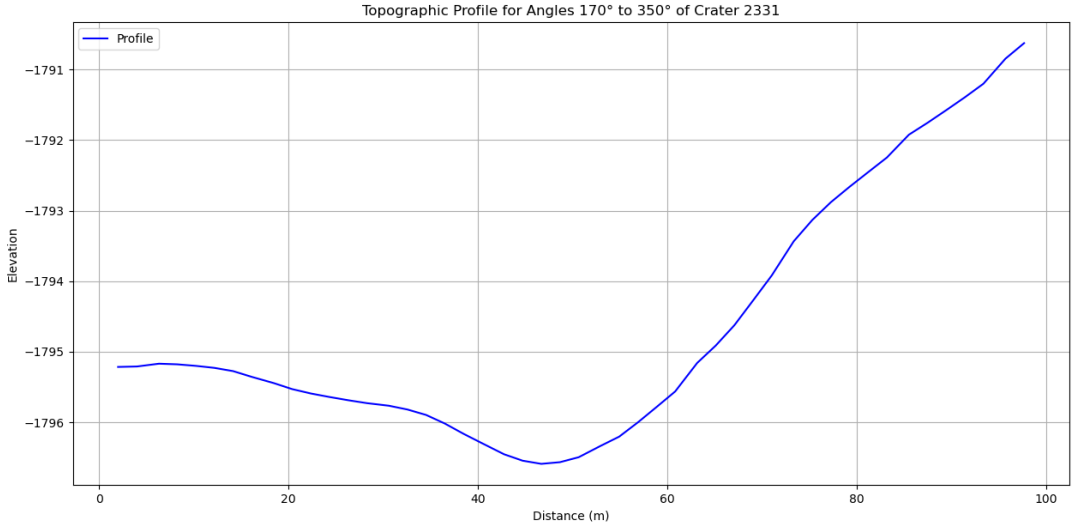

Topographic Profile for Angles 120° to 300° of Crater 2331
Profile
Elevation
Distance (m)
−1789
−1790
−1791
−1792
−1793
−1794
−1795
−1796
20
40
60
80
100


Topographic Profile for Angles 130° to 310° of Crater 2331
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
−1795
−1796
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2331
Profile
Elevation
−1789
−1790
−1791
−1792
−1793
−1794
−1795
−1796
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2331
Profile
Elevation
−1790
−1791
−1792
−1793
−1794
−1795
−1796
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 2331
Profile
Elevation
−1791
−1792
−1793
−1794
−1795
−1796
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 2331
Profile
Elevation
−1791
−1792
−1793
−1794
−1795
−1796
0
20
40
60
80
100
Distance (m)