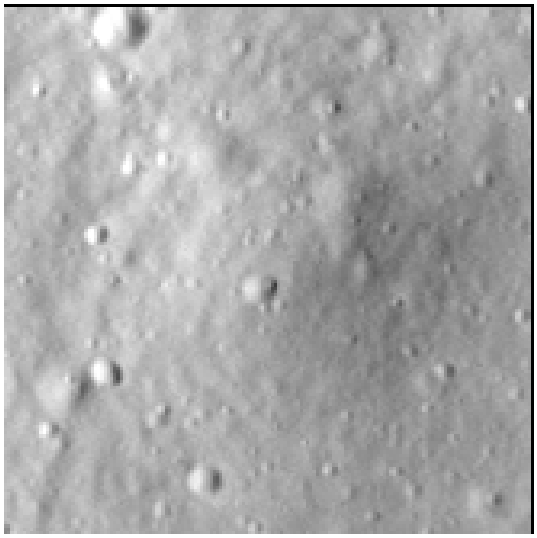
Crater report 2331 of RG2

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

Mean slope : 4.6°

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)

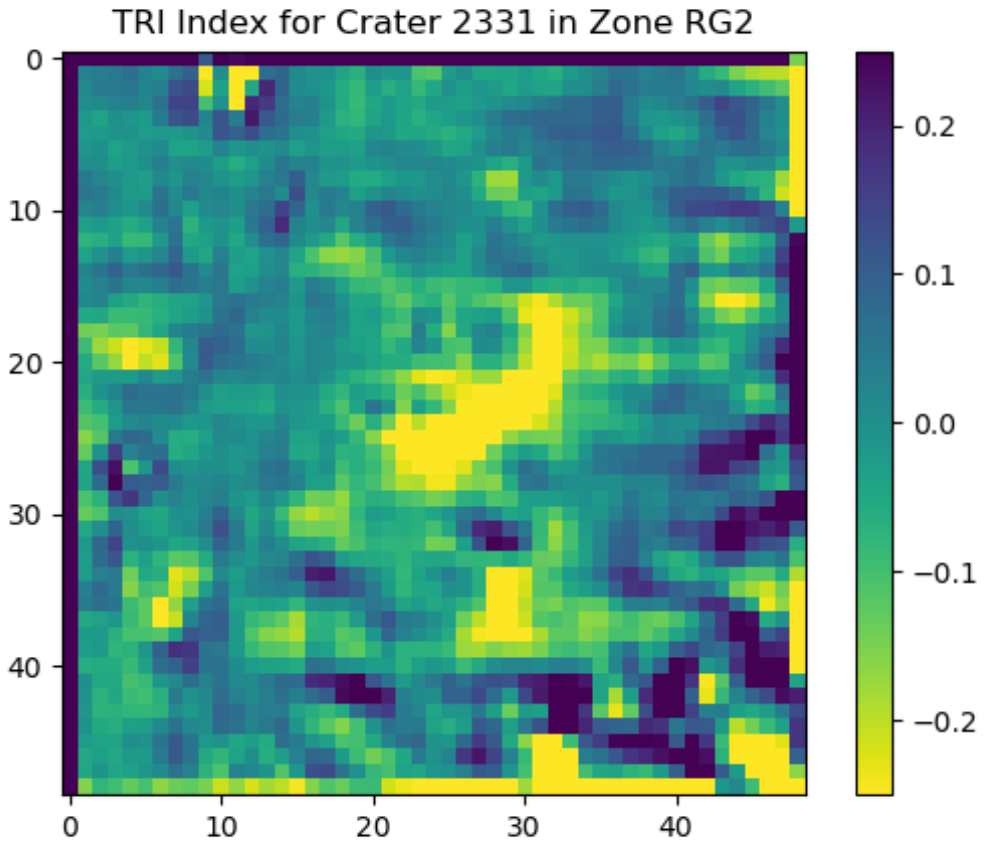
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	6.31	0.57
10°	5.8	0.55
20°	5.57	0.52
30°	5.11	0.48
40°	4.5	0.43
50°	3.95	0.43
60°	3.33	0.48
70°	3.3	0.51
80°	3.46	0.54
90°	3.68	0.57
100°	3.51	0.55
110°	3.18	0.51

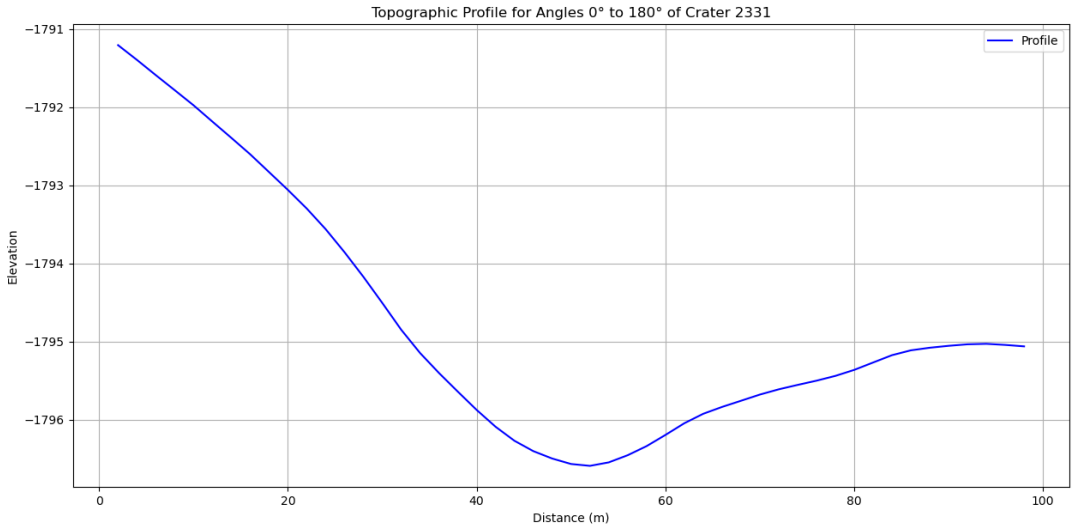
120°	3.1	0.48
130°	2.97	0.44
140°	2.39	0.44
150°	2.08	0.49
160°	2.06	0.51
170°	2.23	0.55
180°	2.51	0.57
190°	2.71	0.55
200°	3.14	0.51
210°	3.29	0.48
220°	3.75	0.43
230°	4.19	0.43
240°	4.61	0.48
250°	5.32	0.52
260°	6.02	0.55
270°	6.6	0.57
280°	6.73	0.54
290°	6.92	0.52
300°	7.23	0.48
310°	7.93	0.42
320°	7.89	0.42
330°	7.11	0.48
340°	6.56	0.52
350°	6.38	0.55

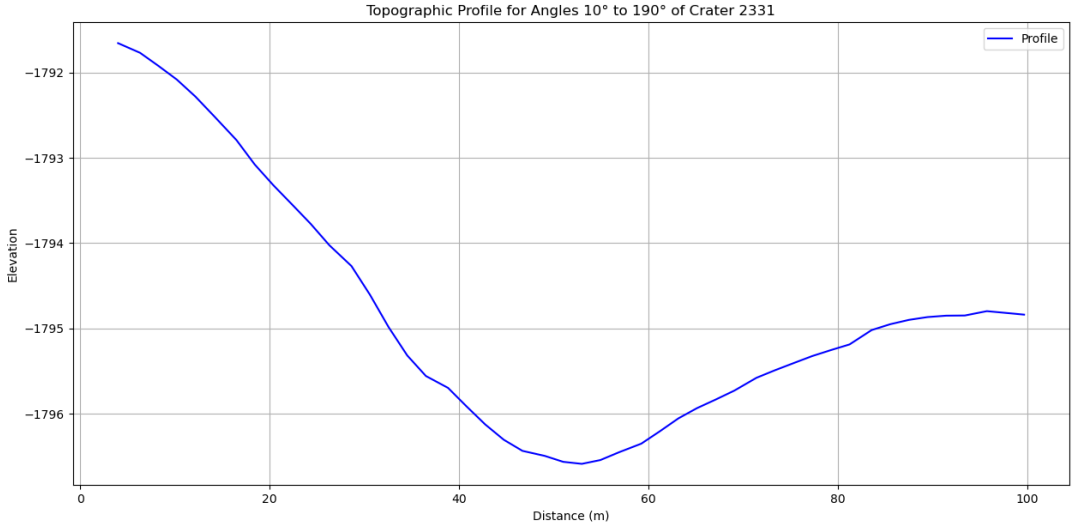
Topographic roughness index (TRI)

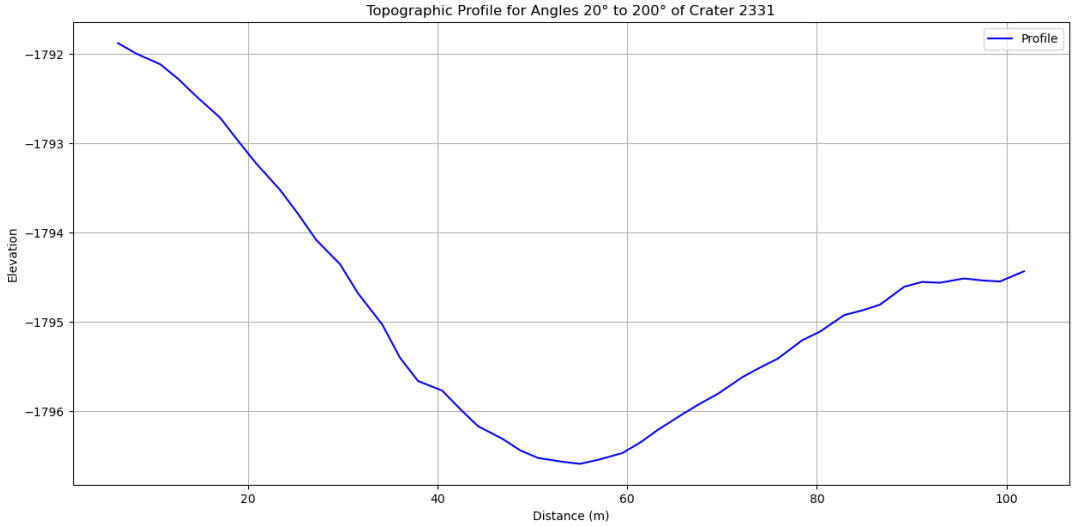
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

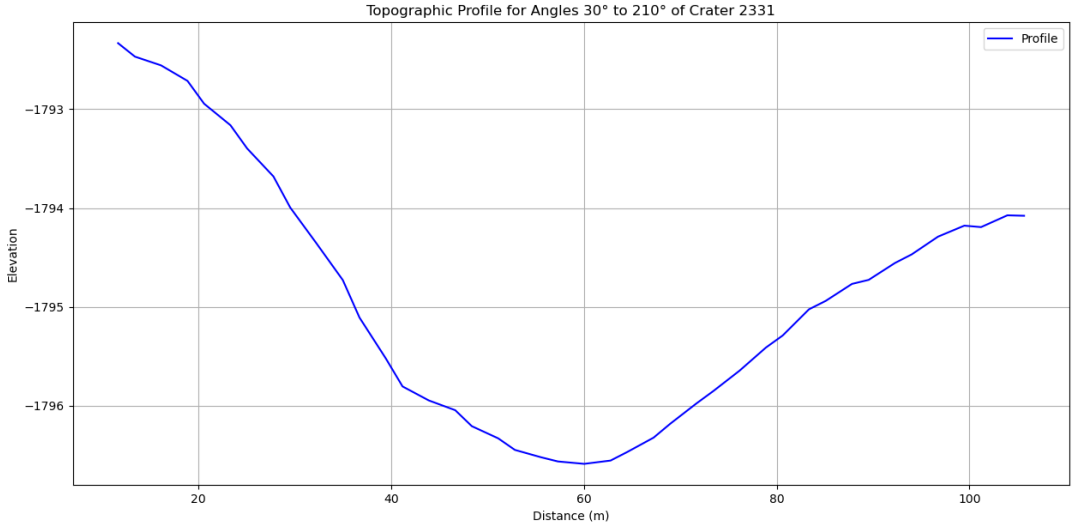


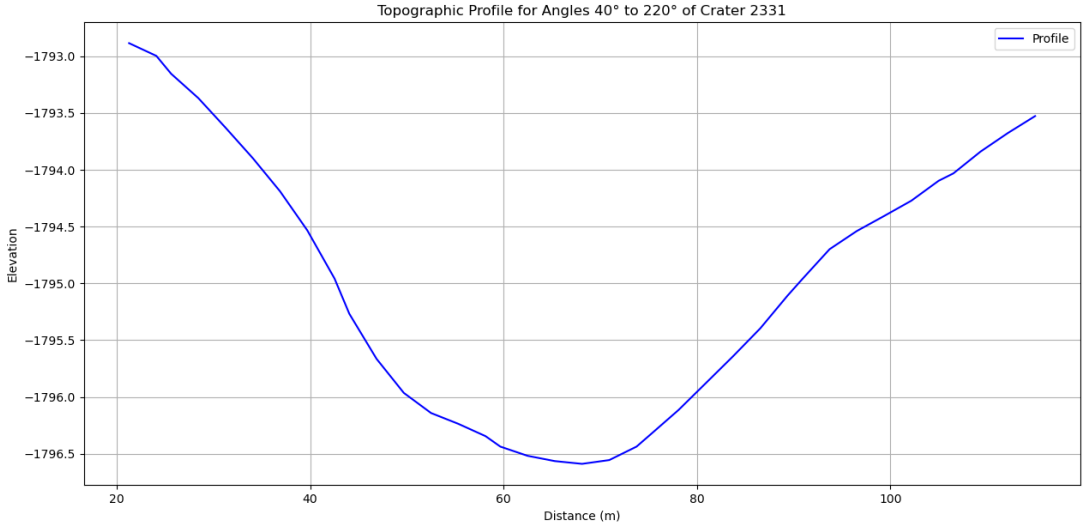
Topographic profiles

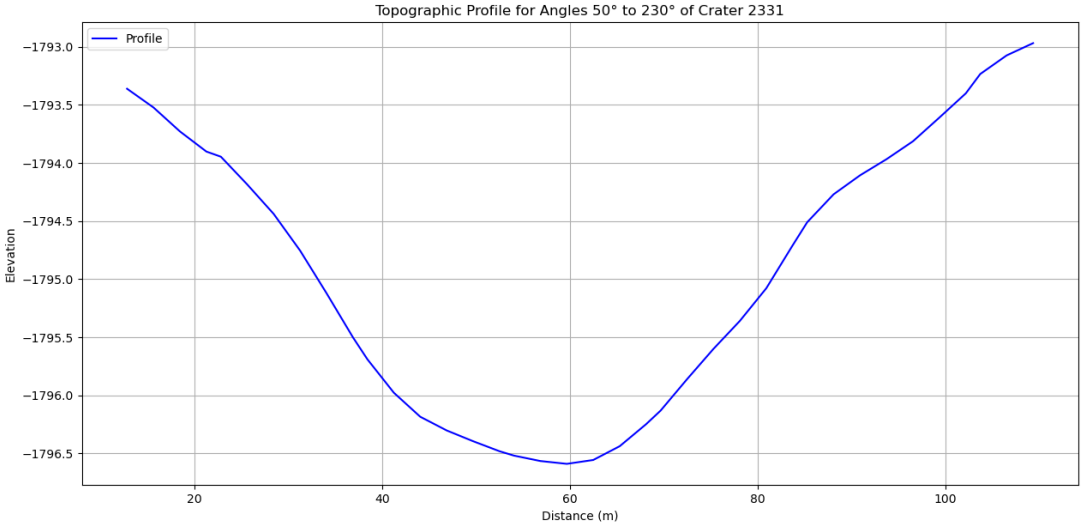


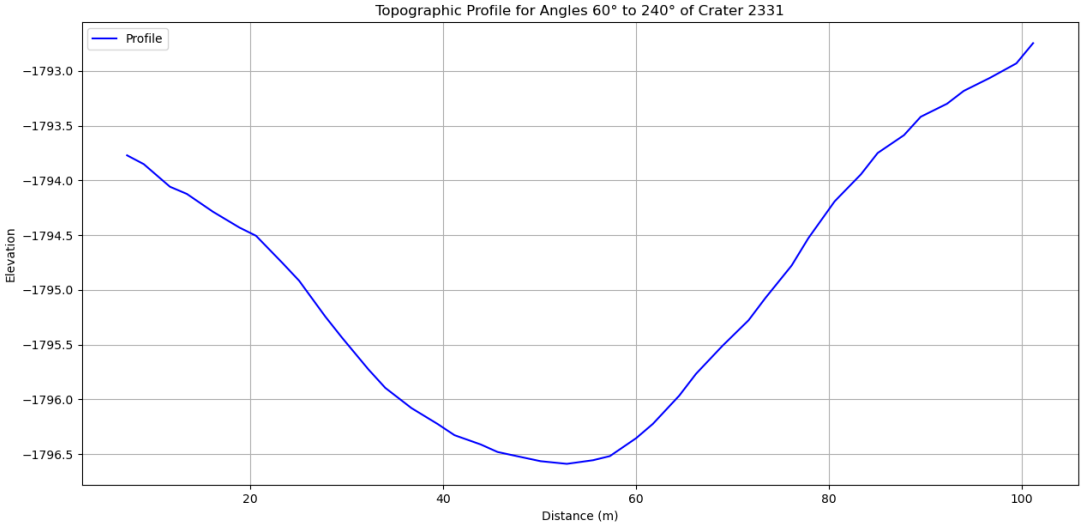

Topographic Profile for Angles 10° to 190° of Crater 2331
Profile
Elevation
−1792
−1793
−1794
−1795
−1796
0
20
40
60
80
100
Distance (m)

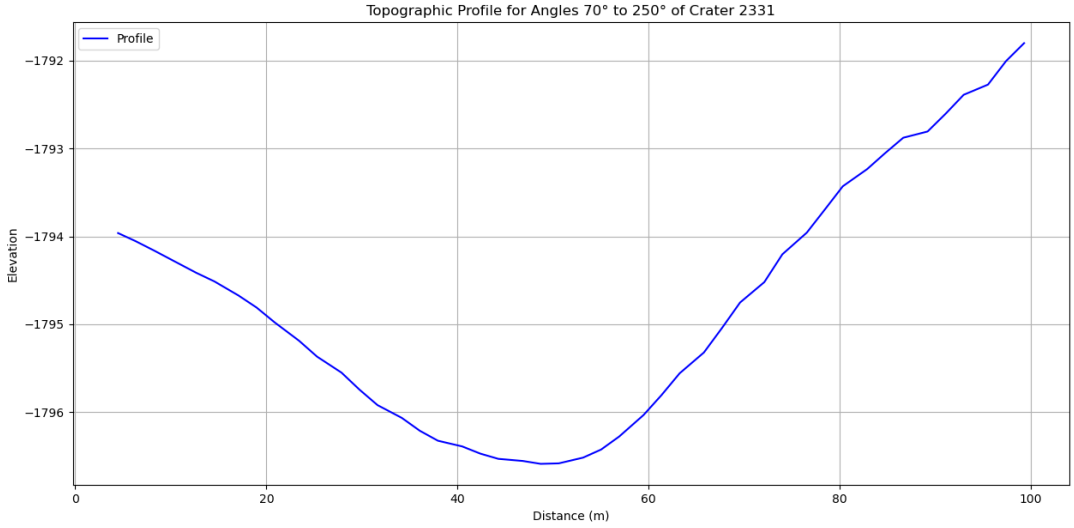

Topographic Profile for Angles 20° to 200° of Crater 2331
Profile
Elevation
−1792
−1793
−1794
−1795
−1796
20
40
60
80
100
Distance (m)

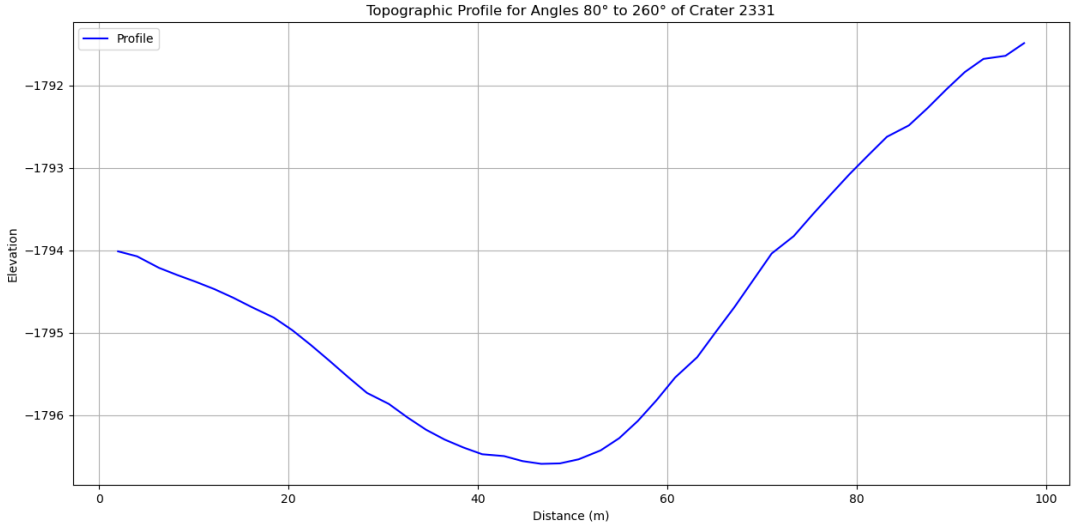

Topographic Profile for Angles 30° to 210° of Crater 2331
Profile
Elevation
−1793
−1794
−1795
−1796
20
40
60
80
100
Distance (m)

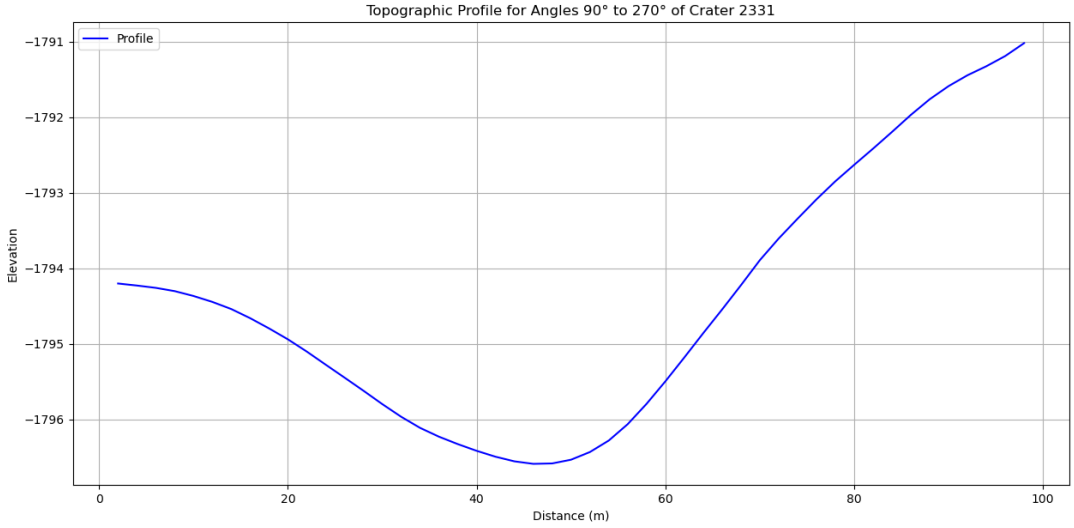

Topographic Profile for Angles 40° to 220° of Crater 2331
Profile
Elevation
−1793.0
−1793.5
−1794.0
−1794.5
−1795.0
−1795.5
−1796.0
−1796.5
20
40
60
80
100
Distance (m)

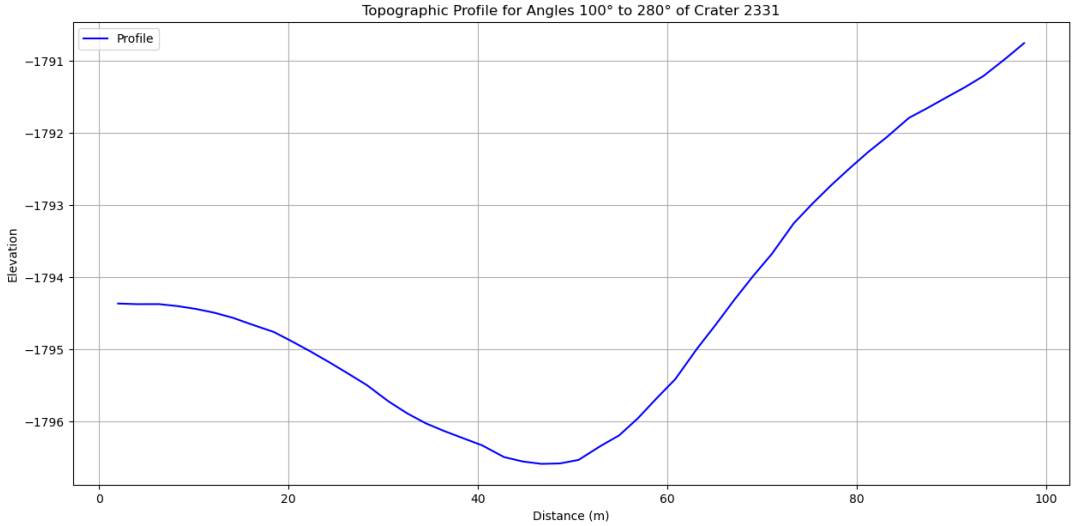

Topographic Profile for Angles 50° to 230° of Crater 2331
Profile
Elevation
Distance (m)
−1793.0
−1793.5
−1794.0
−1794.5
−1795.0
−1795.5
−1796.0
−1796.5
20
40
60
80
100

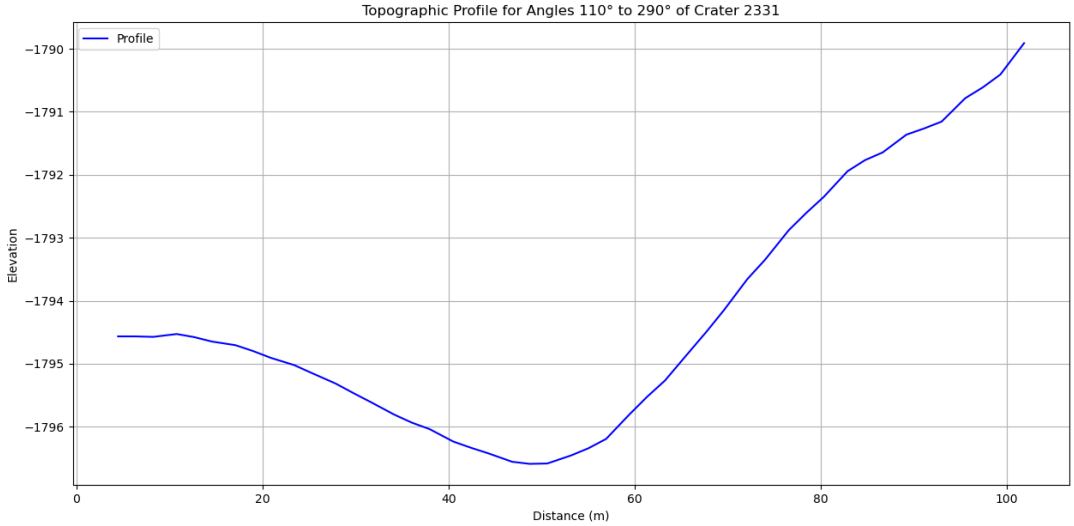

Topographic Profile for Angles 60° to 240° of Crater 2331
Profile
Elevation
Distance (m)
−1793.0
−1793.5
−1794.0
−1794.5
−1795.0
−1795.5
−1796.0
−1796.5
20
40
60
80
100

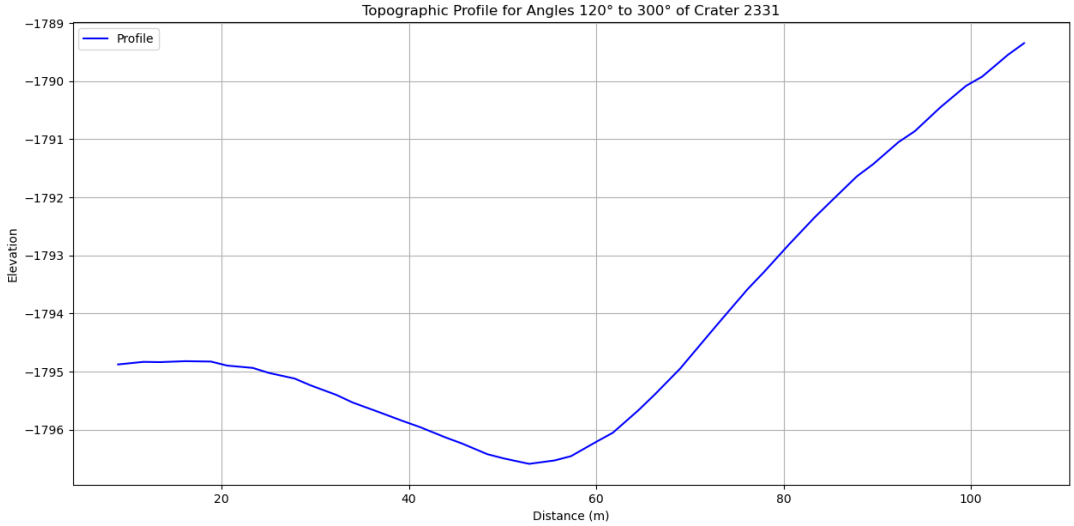

Topographic Profile for Angles 70° to 250° of Crater 2331
Profile
Elevation
−1792
−1793
−1794
−1795
−1796
0
20
40
60
80
100
Distance (m)

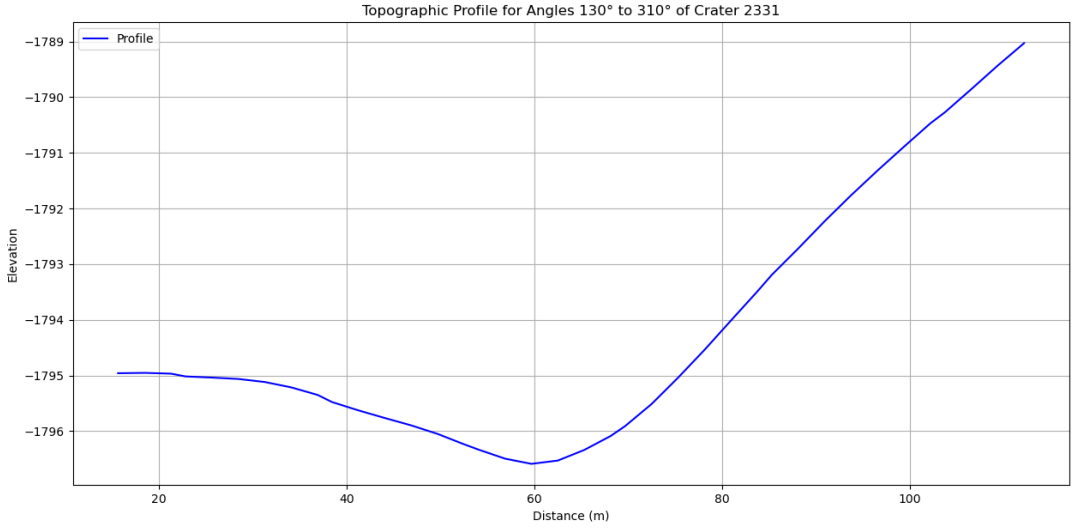

Topographic Profile for Angles 80° to 260° of Crater 2331
Profile
Elevation
−1792
−1793
−1794
−1795
−1796
0
20
40
60
80
100
Distance (m)

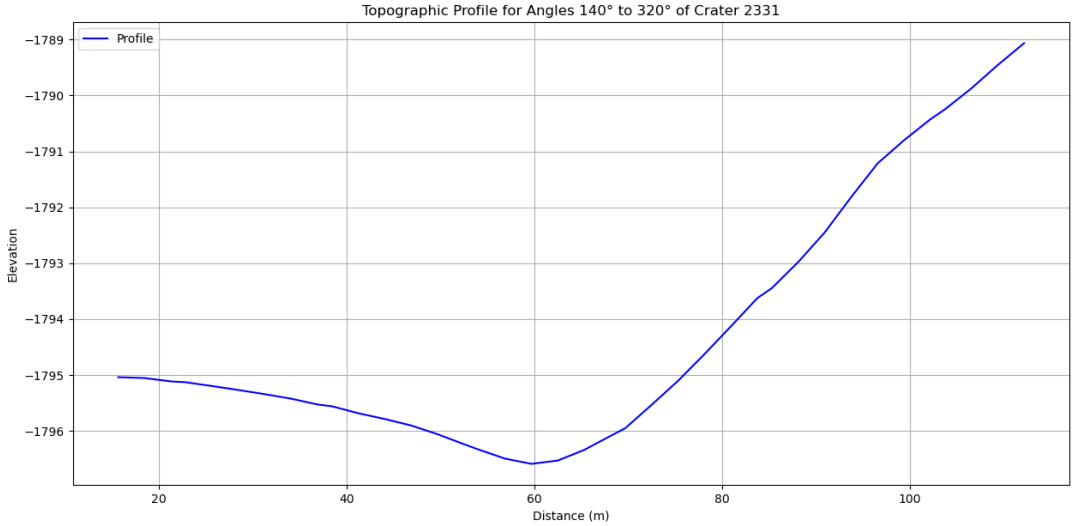

Topographic Profile for Angles 90° to 270° of Crater 2331
Profile
Elevation
−1791
−1792
−1793
−1794
−1795
−1796
0
20
40
60
80
100
Distance (m)

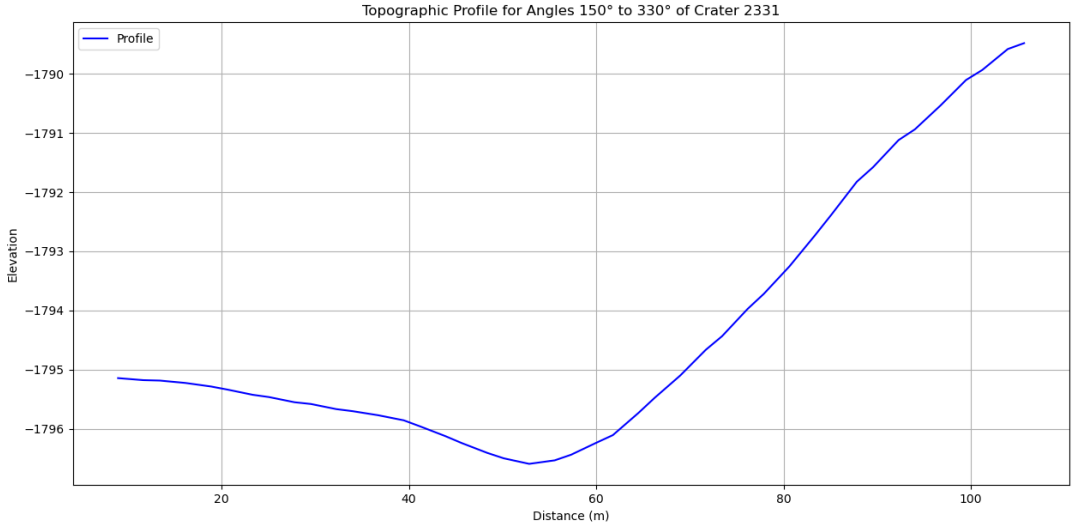

Topographic Profile for Angles 100° to 280° of Crater 2331
Profile
Elevation
−1791
−1792
−1793
−1794
−1795
−1796
0
20
40
60
80
100
Distance (m)

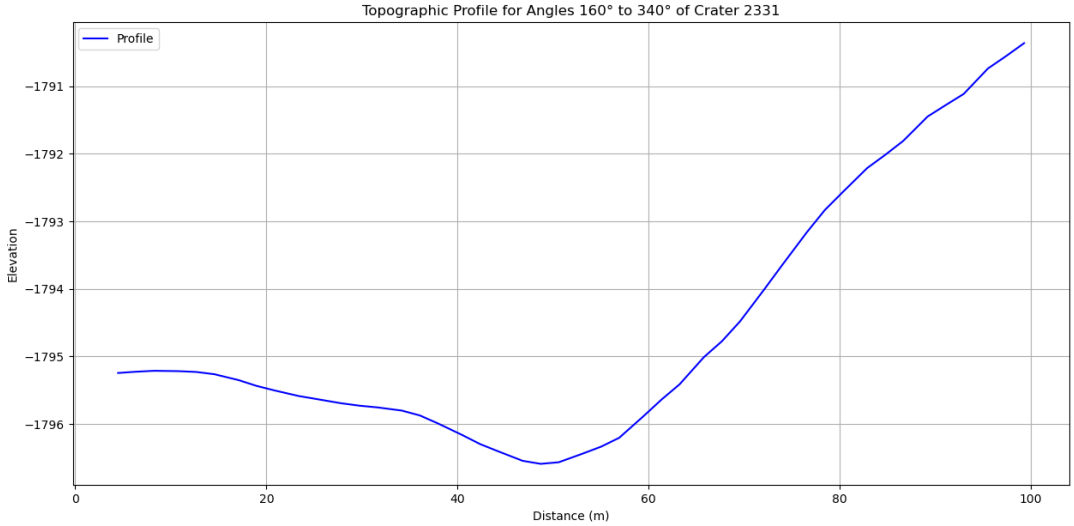

Topographic Profile for Angles 110° to 290° of Crater 2331
Profile
Elevation
Distance (m)
−1790
−1791
−1792
−1793
−1794
−1795
−1796
0
20
40
60
80
100

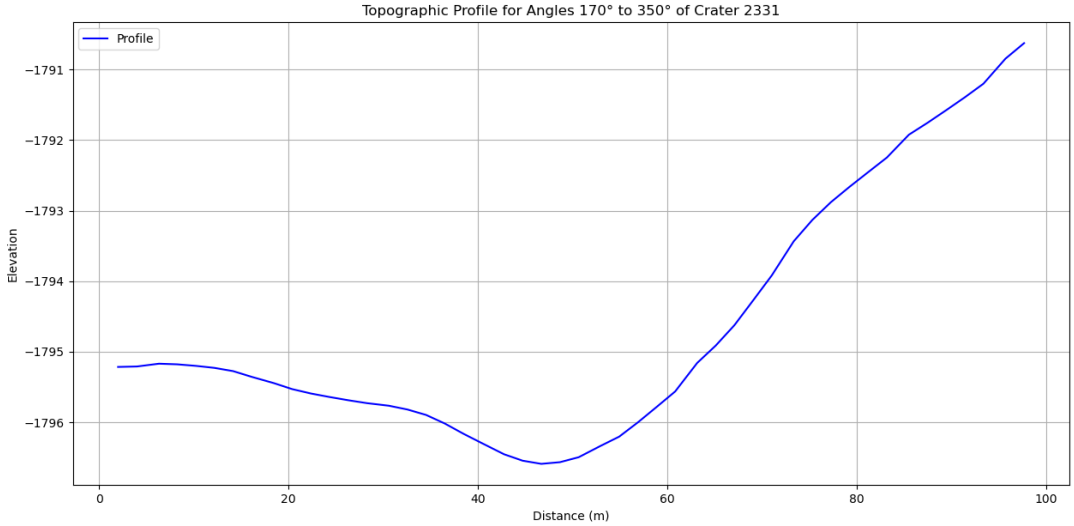

Topographic Profile for Angles 120° to 300° of Crater 2331
Profile
Elevation
Distance (m)
−1789
−1790
−1791
−1792
−1793
−1794
−1795
−1796
20
40
60
80
100


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)