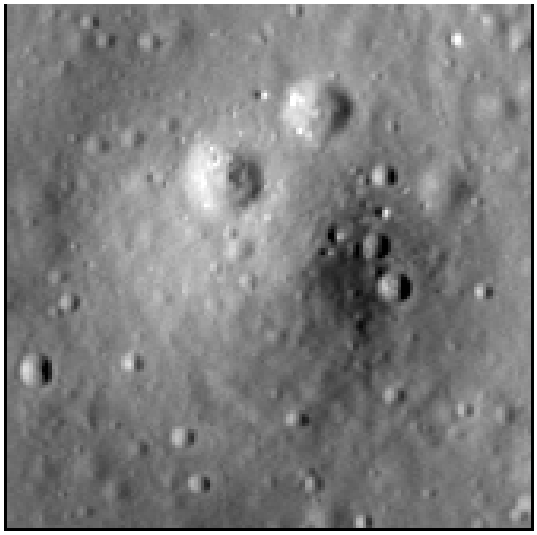
Crater report 1381 of RG2

General information



ID : 1381

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 83m ± 6.0m

Mean depht : 5.3m ± 0.4m

d/D ratio : 0.063 ± 0.007

Circularity index : 0.91

Mean slope : 8.06°

Mean value of TRI on the rim crest : 0.18

Geometric center coordinates : (3655350.7594076577, 223197.73876298548)

Coordinates of the crater's lowest point : (3655345.0000011, 223193.00000006583)

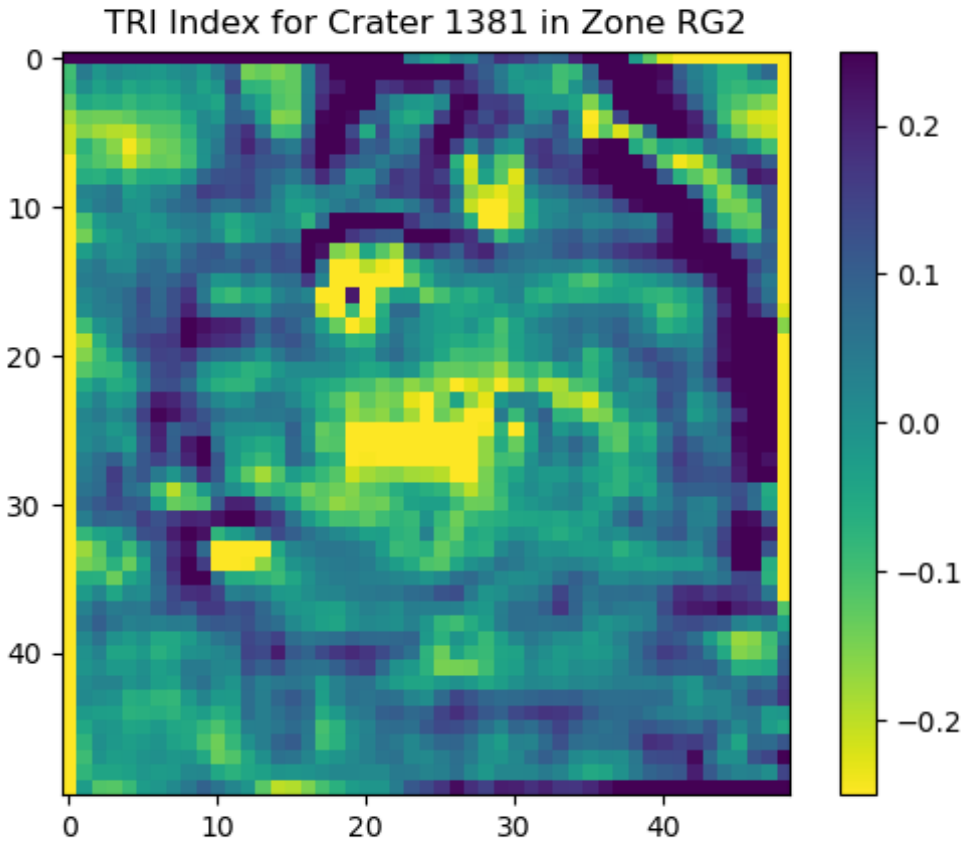
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	10.23	0.57
10°	8.82	0.54
20°	8.39	0.51
30°	8.75	0.47
40°	8.88	0.43
50°	8.99	0.44
60°	8.82	0.49
70°	8.94	0.52
80°	9.48	0.55
90°	9.77	0.57
100°	9.51	0.55
110°	9.49	0.52

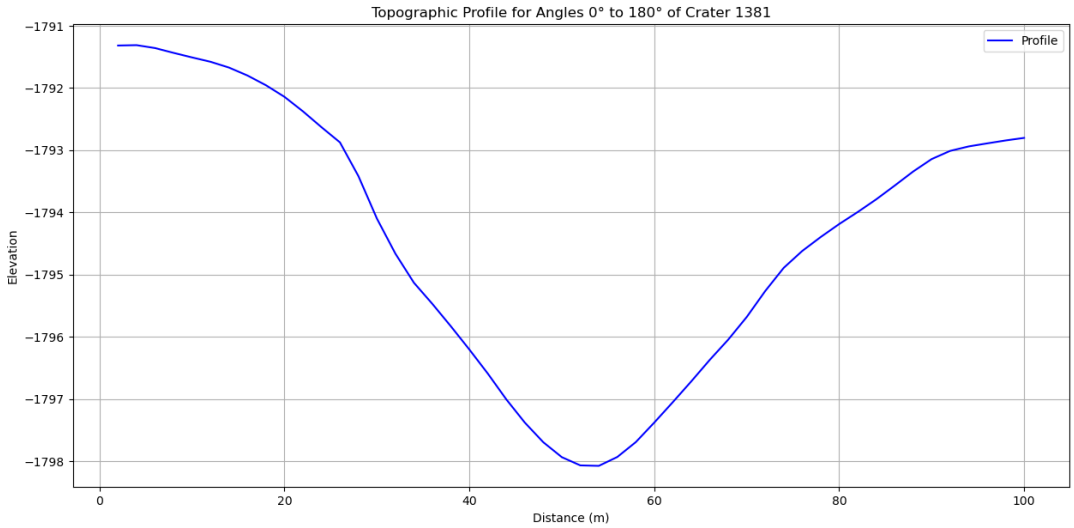
120°	9.53	0.48
130°	10.22	0.43
140°	10.2	0.43
150°	9.28	0.48
160°	8.61	0.52
170°	8.22	0.54
180°	8.28	0.57
190°	7.83	0.55
200°	7.55	0.52
210°	6.77	0.48
220°	6.38	0.43
230°	5.68	0.43
240°	4.8	0.49
250°	4.81	0.52
260°	5.05	0.54
270°	5.68	0.57
280°	5.97	0.54
290°	5.92	0.52
300°	6.6	0.48
310°	7.47	0.44
320°	8.21	0.44
330°	8.57	0.47
340°	8.9	0.51
350°	9.65	0.54

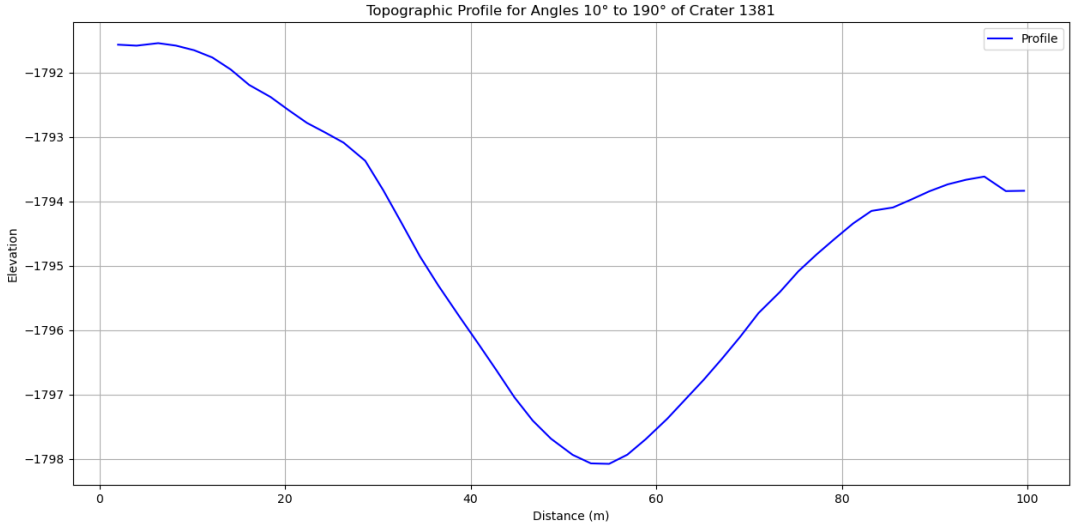
Topographic roughness index (TRI)

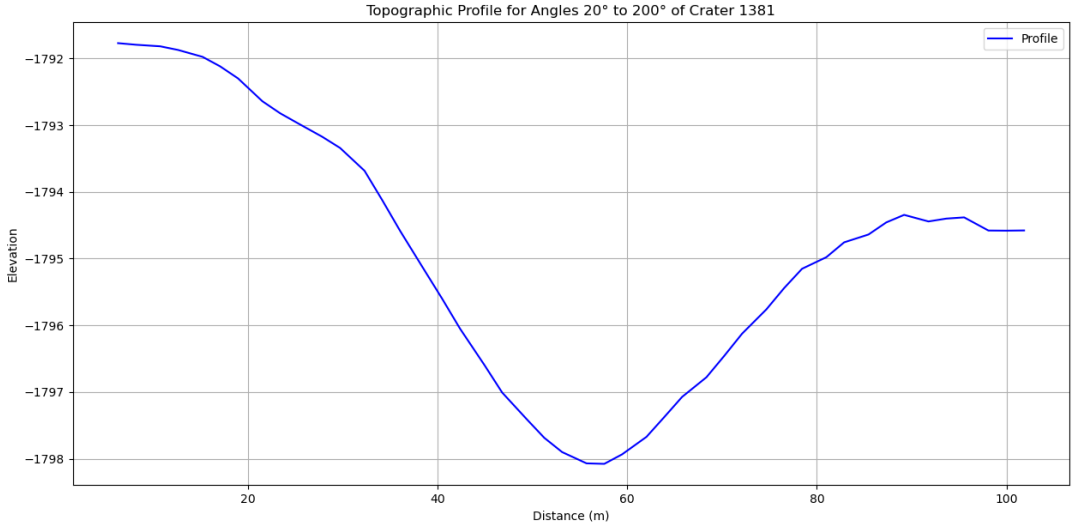
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

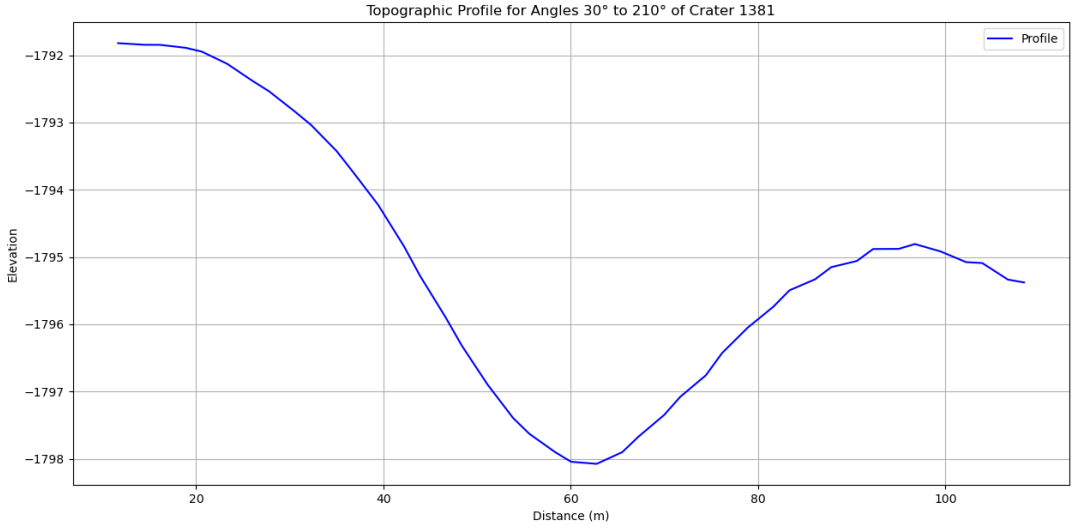


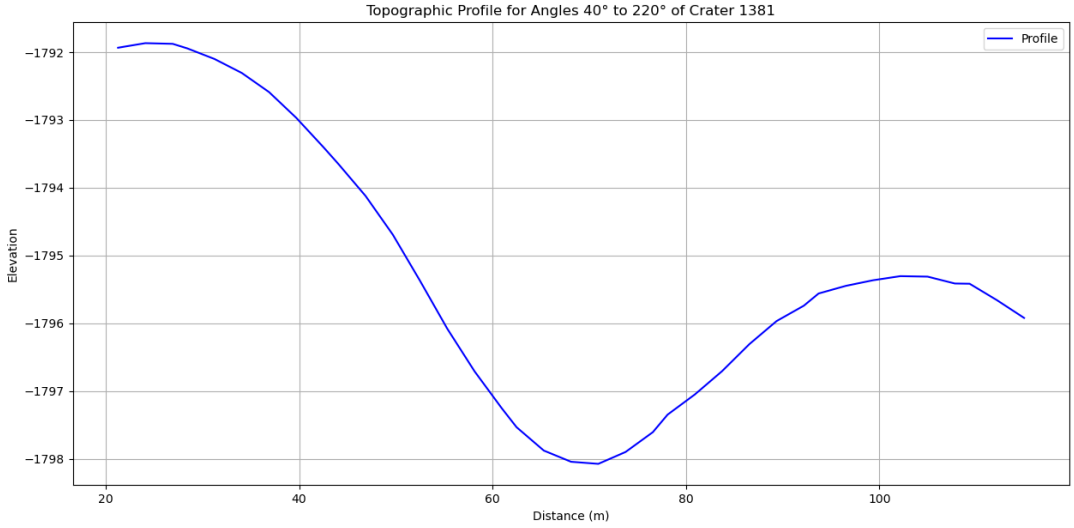
Topographic profiles

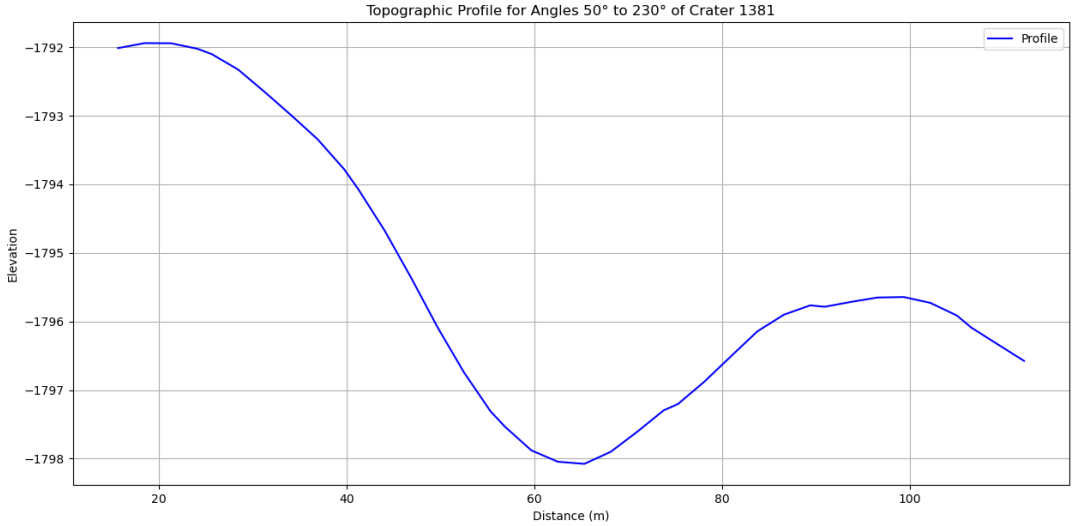


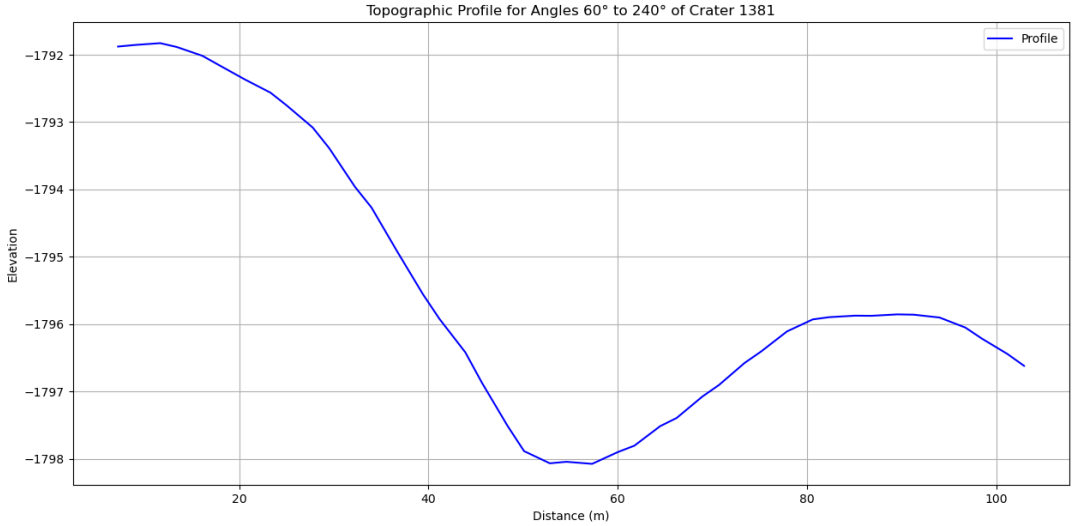

Topographic Profile for Angles 10° to 190° of Crater 1381
Profile
Elevation
−1792
−1793
−1794
−1795
−1796
−1797
−1798
0
20
40
60
80
100
Distance (m)

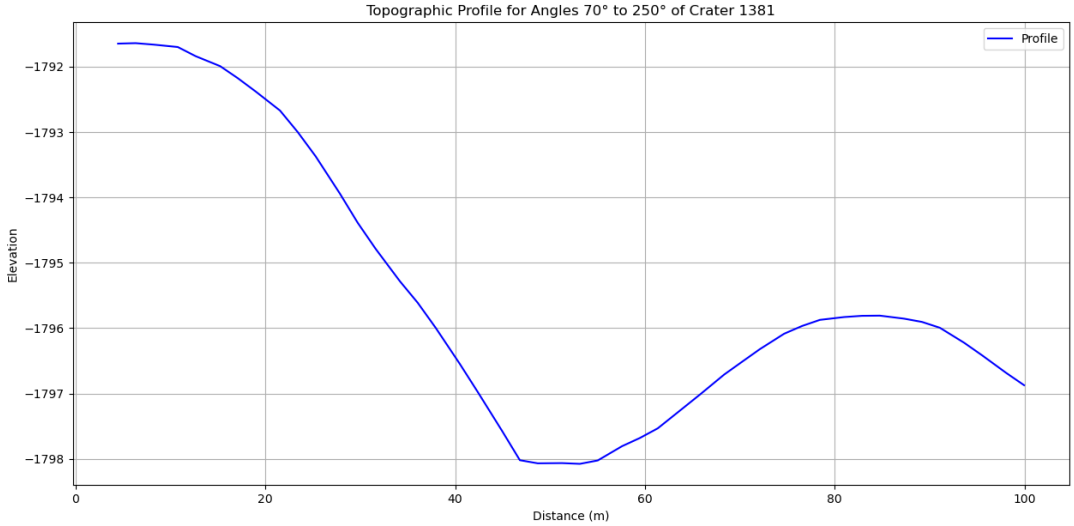

Topographic Profile for Angles 20° to 200° of Crater 1381
Profile
Elevation
−1792
−1793
−1794
−1795
−1796
−1797
−1798
20
40
60
80
100
Distance (m)

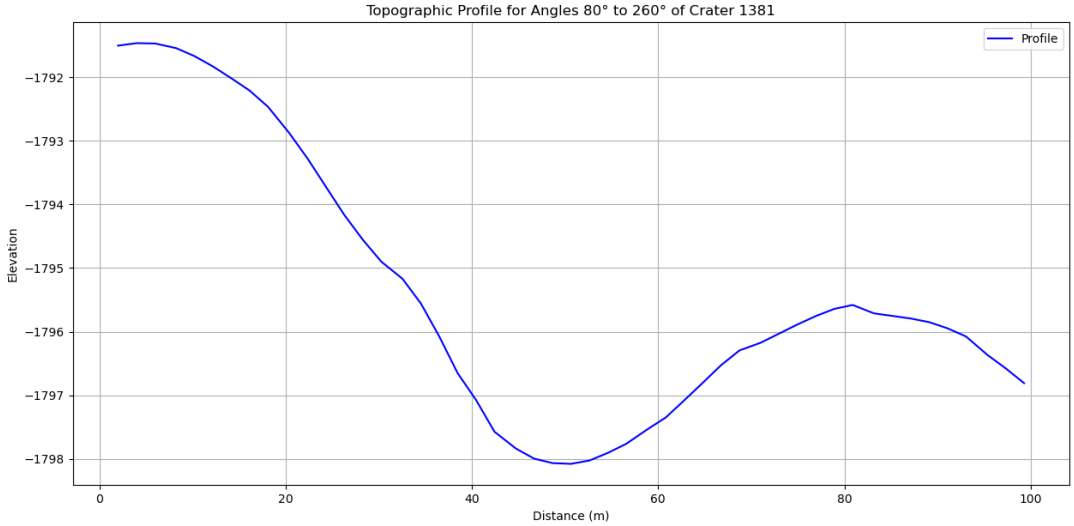

Topographic Profile for Angles 30° to 210° of Crater 1381
Profile
Elevation
Distance (m)
−1792
−1793
−1794
−1795
−1796
−1797
−1798
20
40
60
80
100

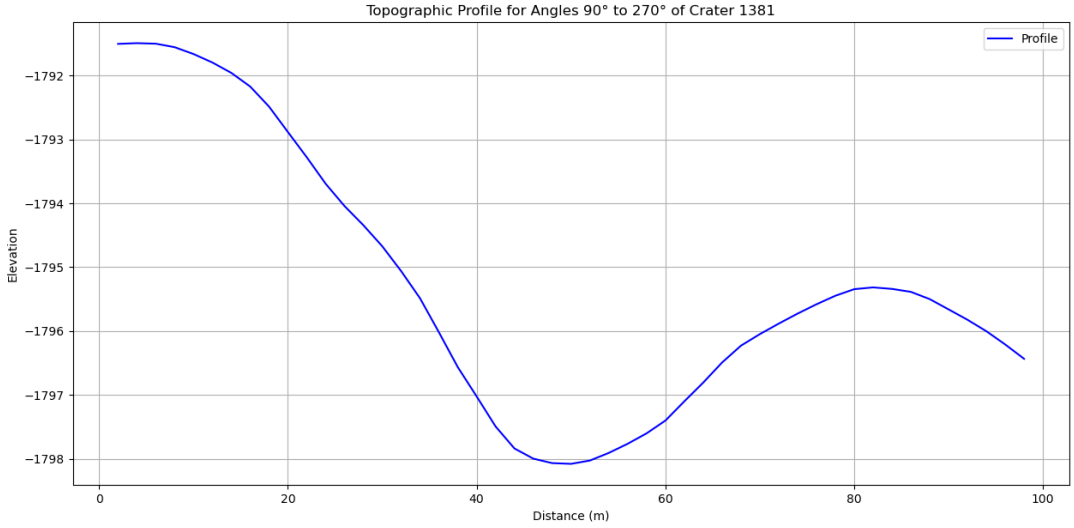

Topographic Profile for Angles 40° to 220° of Crater 1381
Profile
Elevation
Distance (m)
−1792
−1793
−1794
−1795
−1796
−1797
−1798
20
40
60
80
100

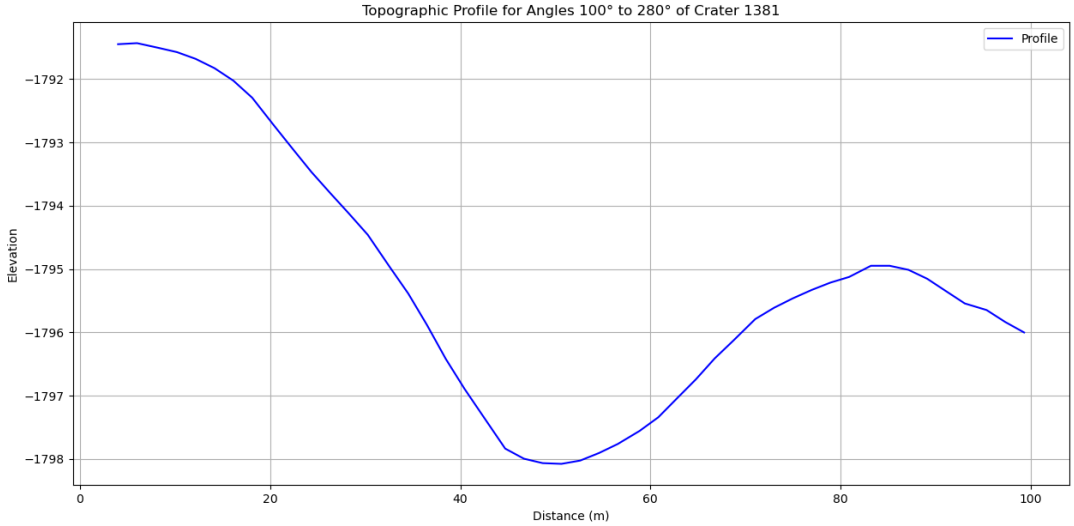

Topographic Profile for Angles 50° to 230° of Crater 1381
Profile
Elevation
−1792
−1793
−1794
−1795
−1796
−1797
−1798
20
40
60
80
100
Distance (m)

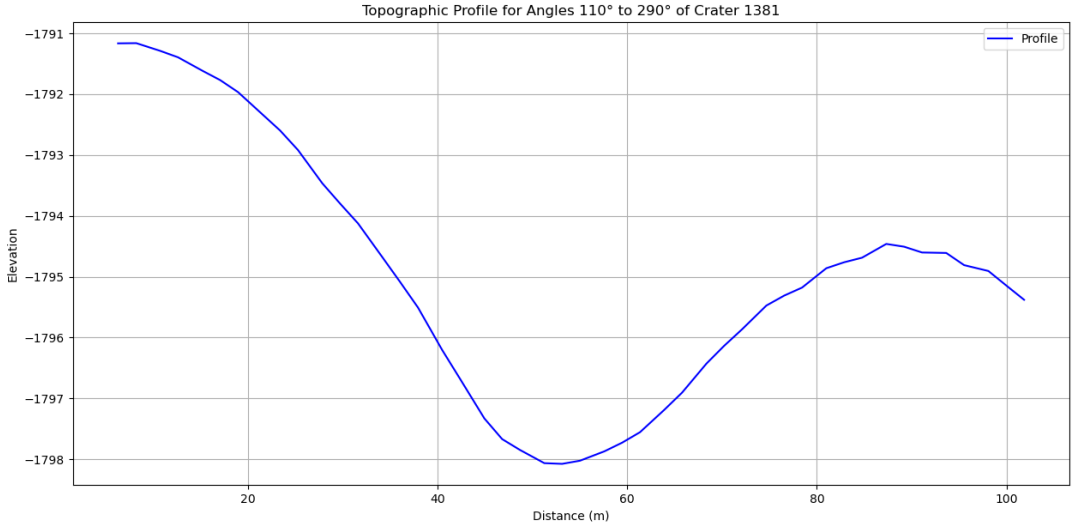

Topographic Profile for Angles 60° to 240° of Crater 1381
Profile
Elevation
−1792
−1793
−1794
−1795
−1796
−1797
−1798
20
40
60
80
100
Distance (m)

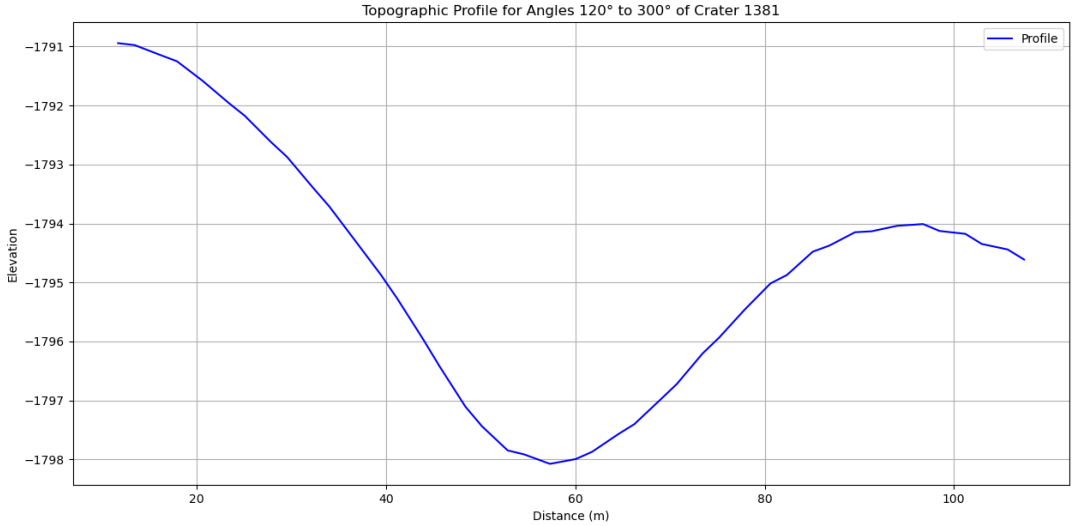

Topographic Profile for Angles 70° to 250° of Crater 1381
Profile
Elevation
−1792
−1793
−1794
−1795
−1796
−1797
−1798
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 1381
Profile
Elevation
−1792
−1793
−1794
−1795
−1796
−1797
−1798
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 1381
Profile
Elevation
−1792
−1793
−1794
−1795
−1796
−1797
−1798
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 1381
Profile
Elevation
−1792
−1793
−1794
−1795
−1796
−1797
−1798
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 1381
Profile
Elevation
Distance (m)
−1791
−1792
−1793
−1794
−1795
−1796
−1797
−1798
20
40
60
80
100


Topographic Profile for Angles 120° to 300° of Crater 1381
Profile
Elevation
Distance (m)
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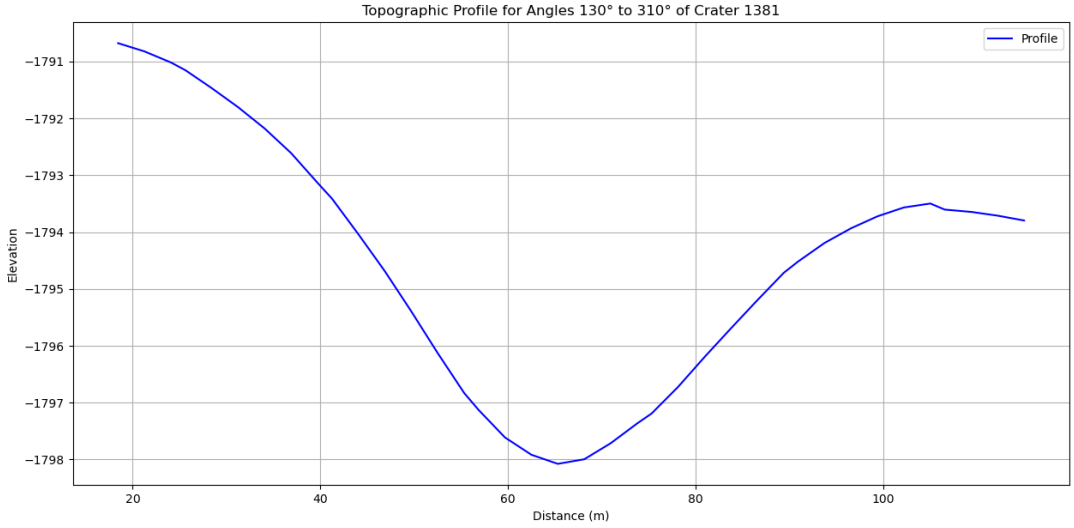
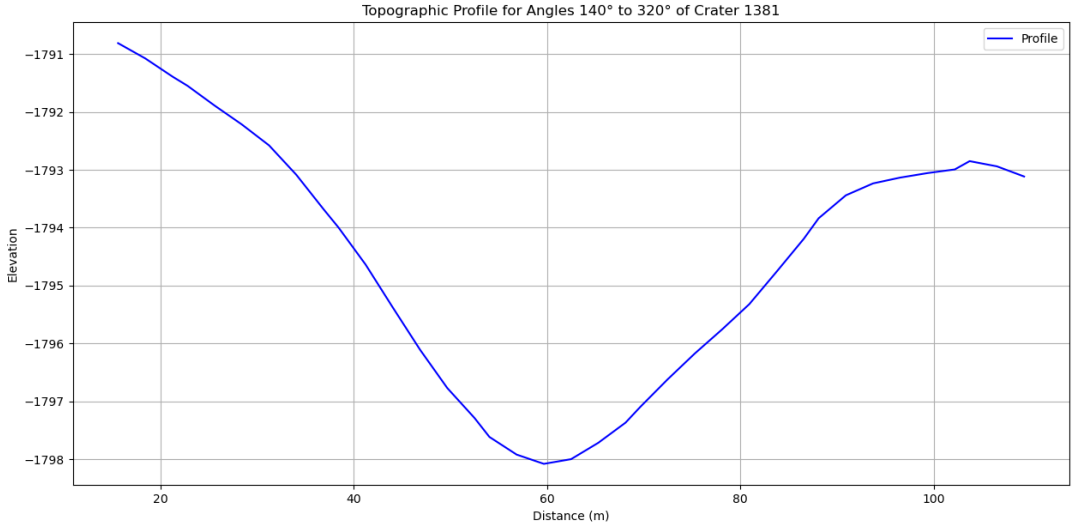
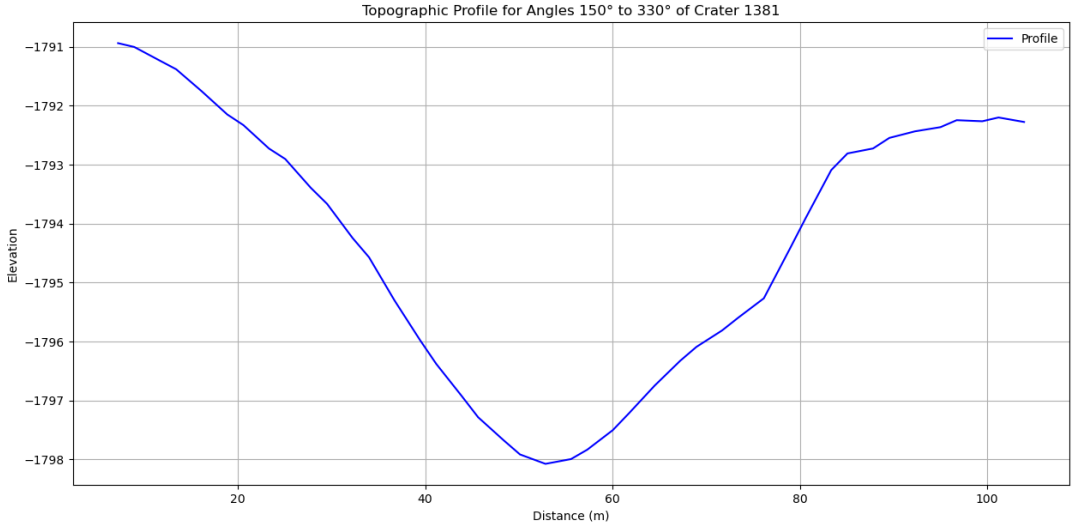
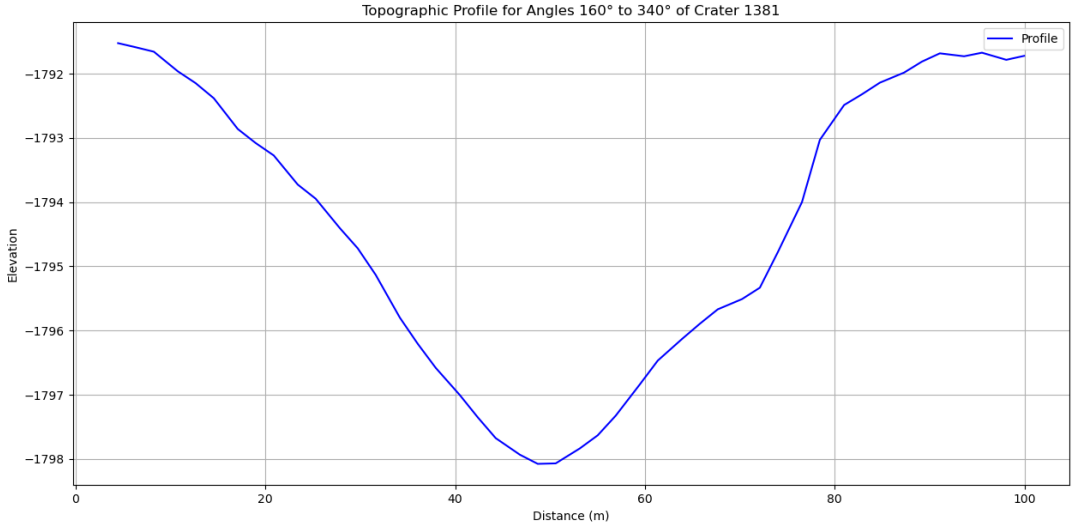
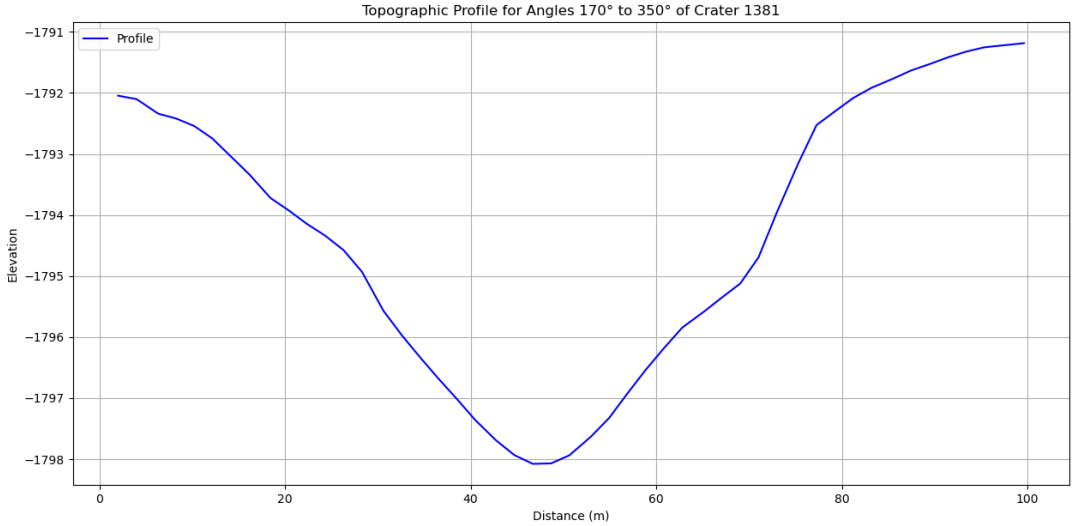
−1792
−1793
−1794
−1795
−1796
−1797
−1798
20
40
60
80
100


Topographic Profile for Angles 130° to 310° of Crater 1381
Profile
Elevation
−1791
−1792
−1793
−1794
−1795
−1796
−1797
−1798
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 1381
Profile
Elevation
−1791
−1792
−1793
−1794
−1795
−1796
−1797
−1798
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 1381
Profile
Elevation
−1791
−1792
−1793
−1794
−1795
−1796
−1797
−1798
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 1381
Profile
Elevation
−1792
−1793
−1794
−1795
−1796
−1797
−1798
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 1381
Profile
Elevation
Distance (m)
−1791
−1792
−1793
−1794
−1795
−1796
−1797
−1798
0
20
40
60
80
100