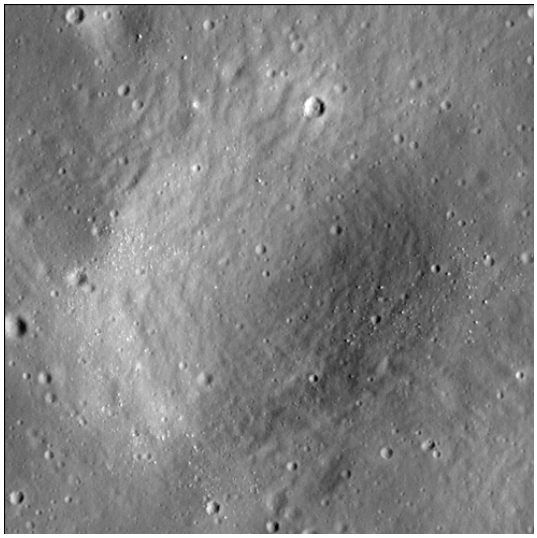
Crater report 1222 of RG2

General information



ID : 1222

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 276m ± 10.0m

Mean depht : 16.3m ± 1.0m

d/D ratio : 0.059 ± 0.004

Circularity index : 0.91

Mean slope : 7.63°

Mean value of TRI on the rim crest : 0.26

Geometric center coordinates : (3658291.0737912026, 226694.3843870415)

Coordinates of the crater's lowest point : (3658307.000001101, 226695.00000006688)

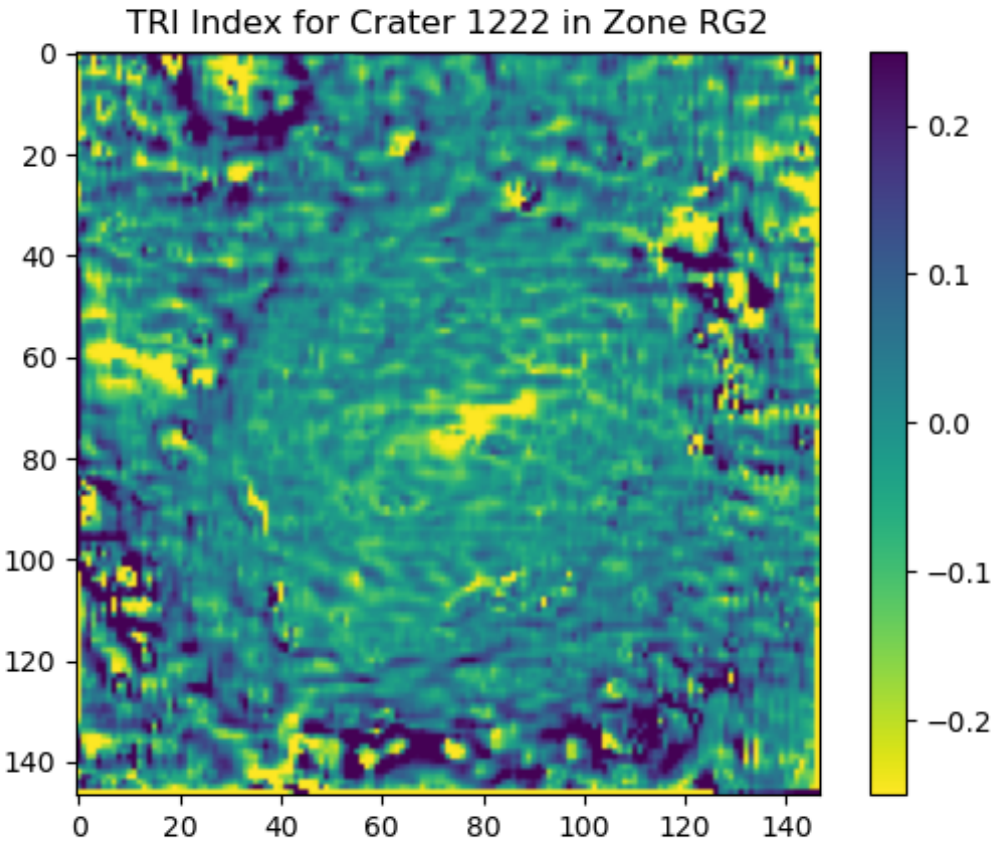
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	8.8	0.57
10°	7.41	0.54
20°	7.02	0.52
30°	6.05	0.48
40°	5.55	0.43
50°	4.89	0.43
60°	4.45	0.48
70°	4.5	0.51
80°	4.99	0.54
90°	5.52	0.57
100°	5.87	0.54
110°	6.58	0.52

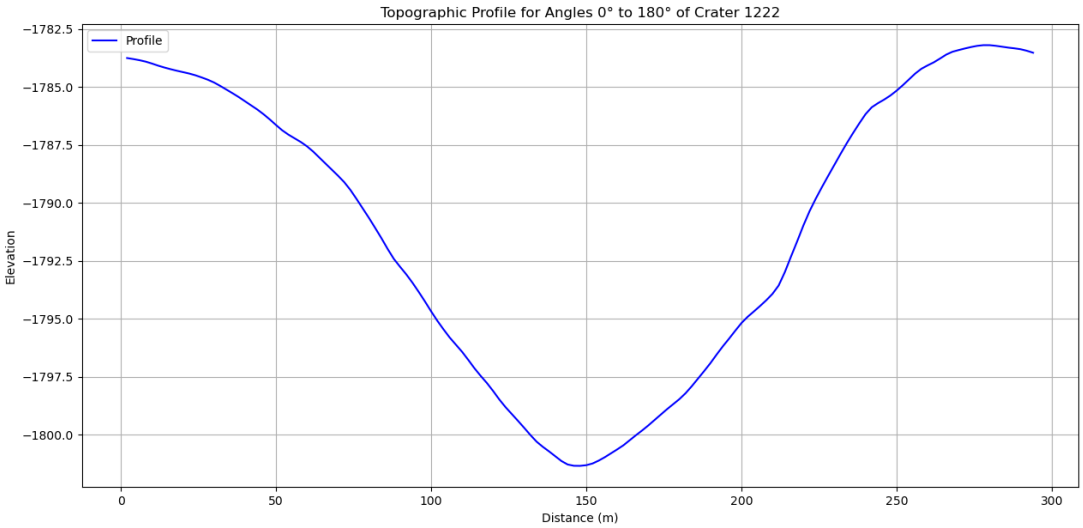
120°	7.57	0.48
130°	8.86	0.43
140°	9.41	0.43
150°	9.27	0.48
160°	9.17	0.51
170°	9.2	0.54
180°	9.21	0.57
190°	8.35	0.54
200°	7.56	0.51
210°	6.92	0.48
220°	7.18	0.43
230°	7.65	0.43
240°	7.55	0.48
250°	7.63	0.51
260°	7.6	0.54
270°	7.92	0.57
280°	7.57	0.55
290°	7.98	0.51
300°	8.87	0.48
310°	9.88	0.43
320°	9.88	0.43
330°	9.62	0.48
340°	9.35	0.51
350°	9.01	0.54

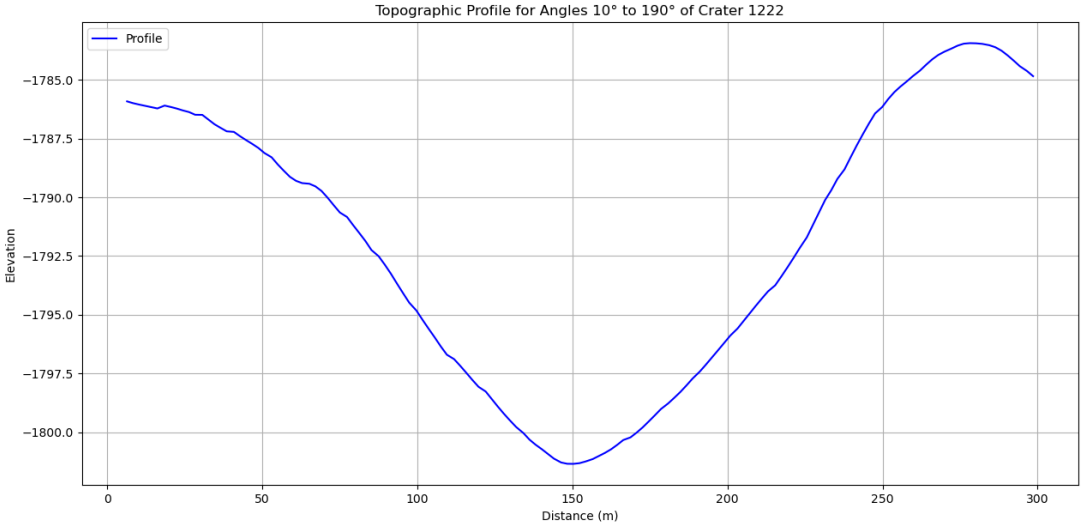
Topographic roughness index (TRI)

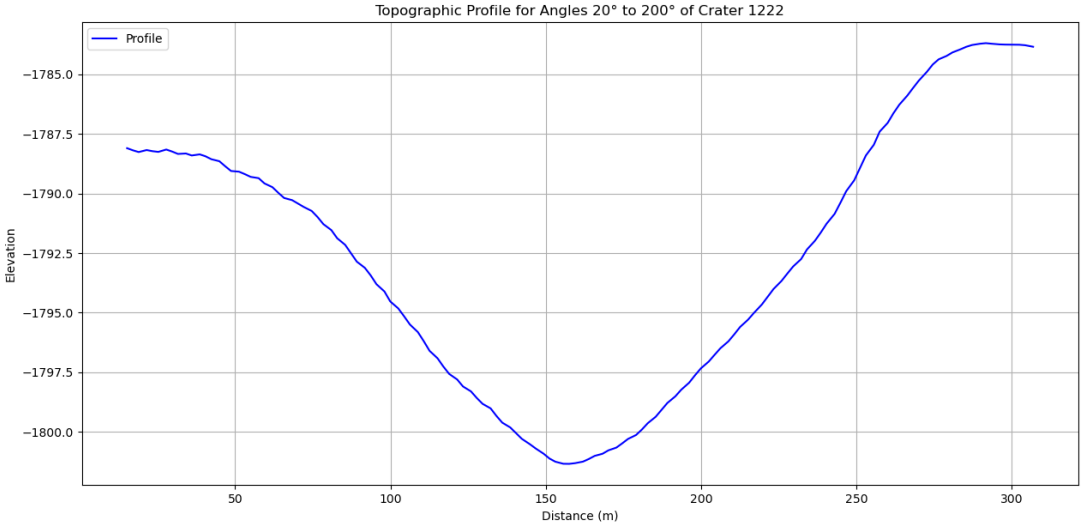
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

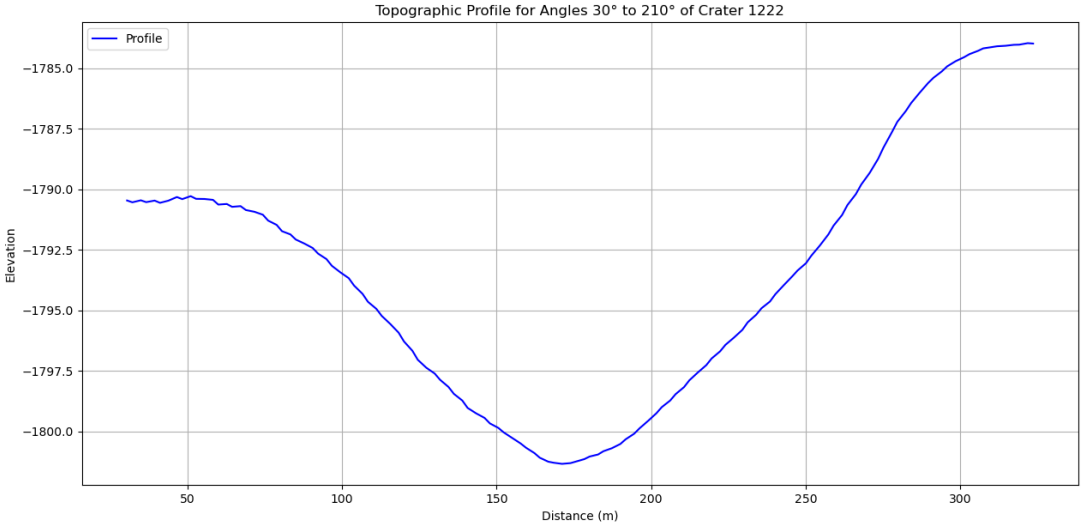


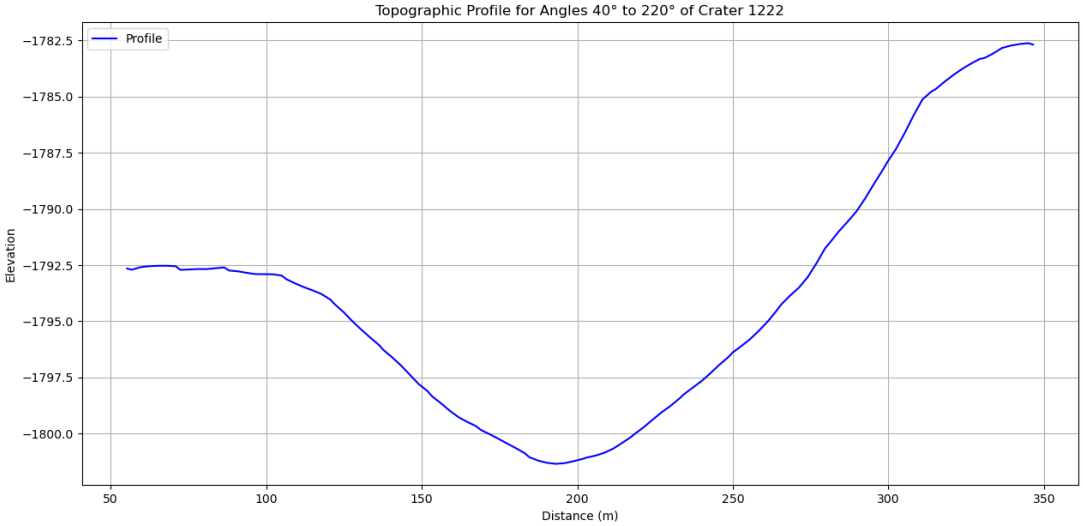
Topographic profiles

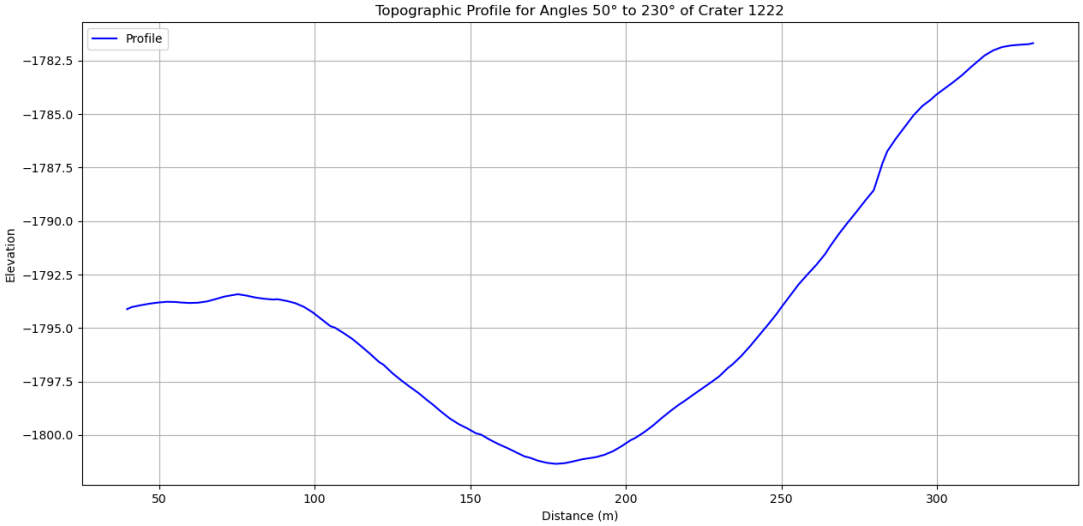


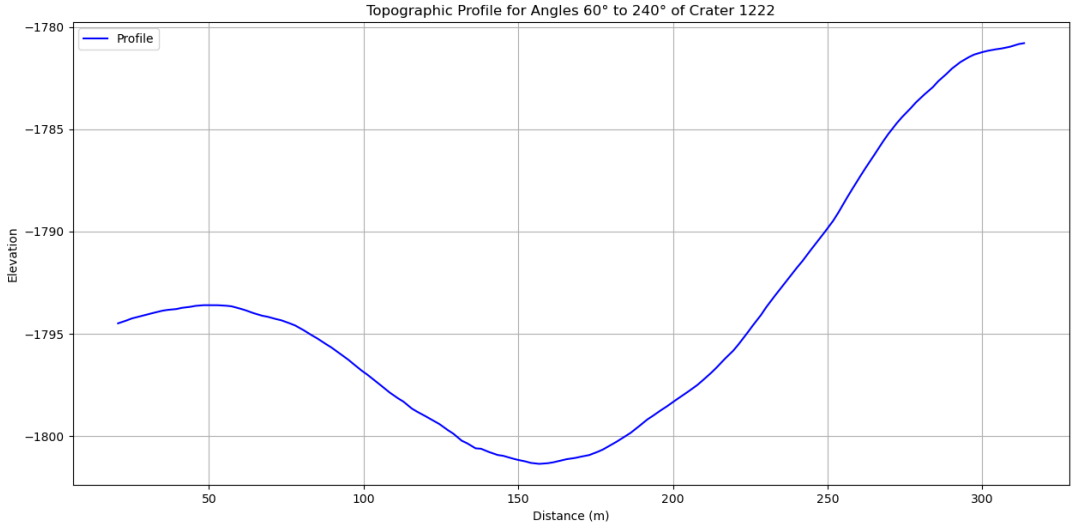

Topographic Profile for Angles 10° to 190° of Crater 1222
Profile
Elevation
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
0
50
100
150
200
250
300
Distance (m)

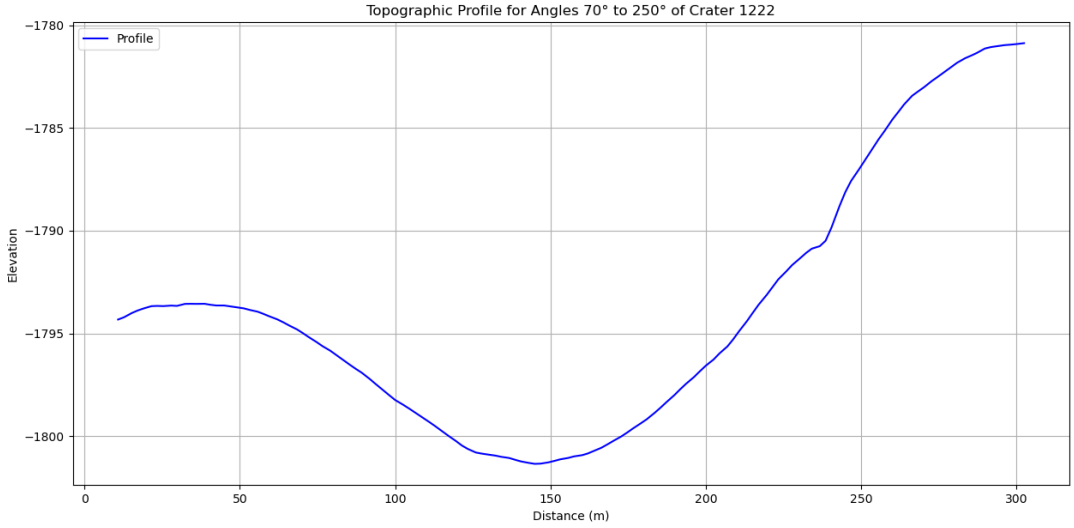

Topographic Profile for Angles 20° to 200° of Crater 1222
Profile
Elevation
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
50
100
150
200
250
300
Distance (m)

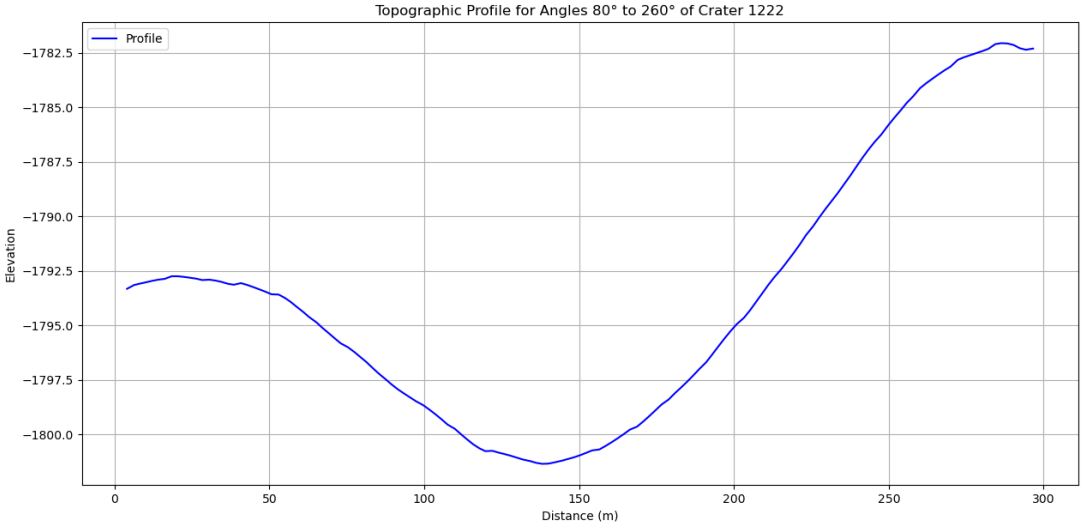

Topographic Profile for Angles 30° to 210° of Crater 1222
Profile
Elevation
Distance (m)
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
50
100
150
200
250
300

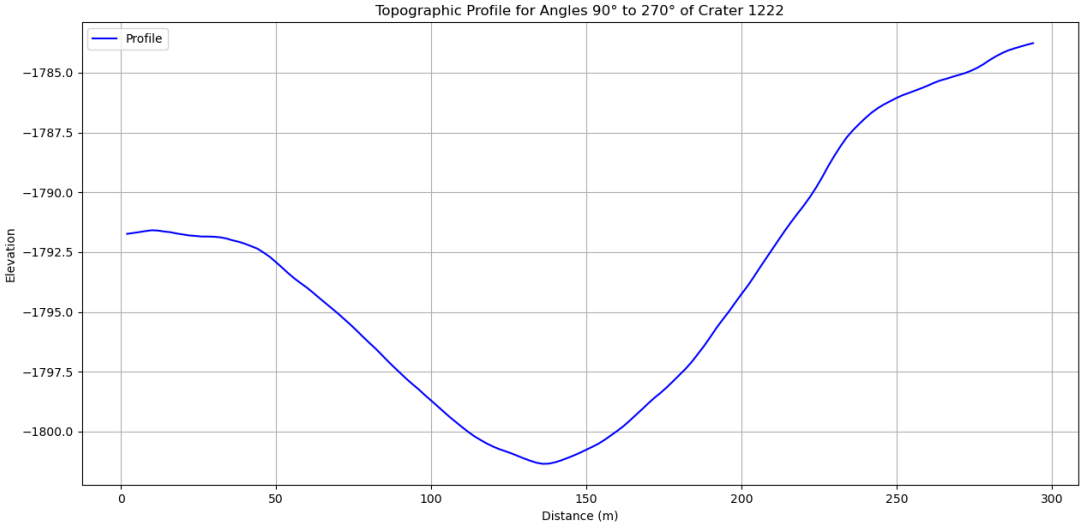

Topographic Profile for Angles 40° to 220° of Crater 1222
Profile
Elevation
Distance (m)
−1782.5
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
50
100
150
200
250
300
350

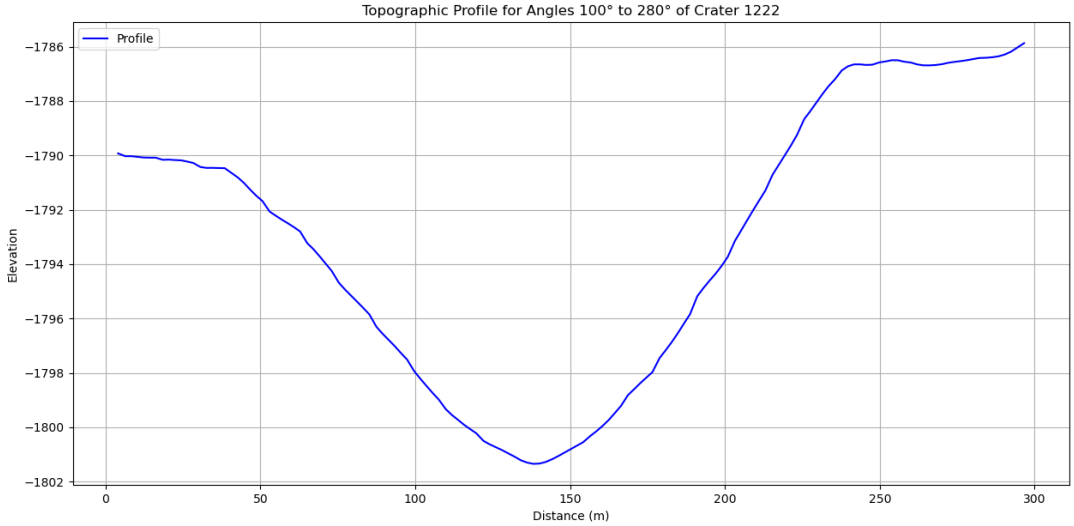

Topographic Profile for Angles 50° to 230° of Crater 1222
Profile
Elevation
−1782.5
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
50
100
150
200
250
300
Distance (m)

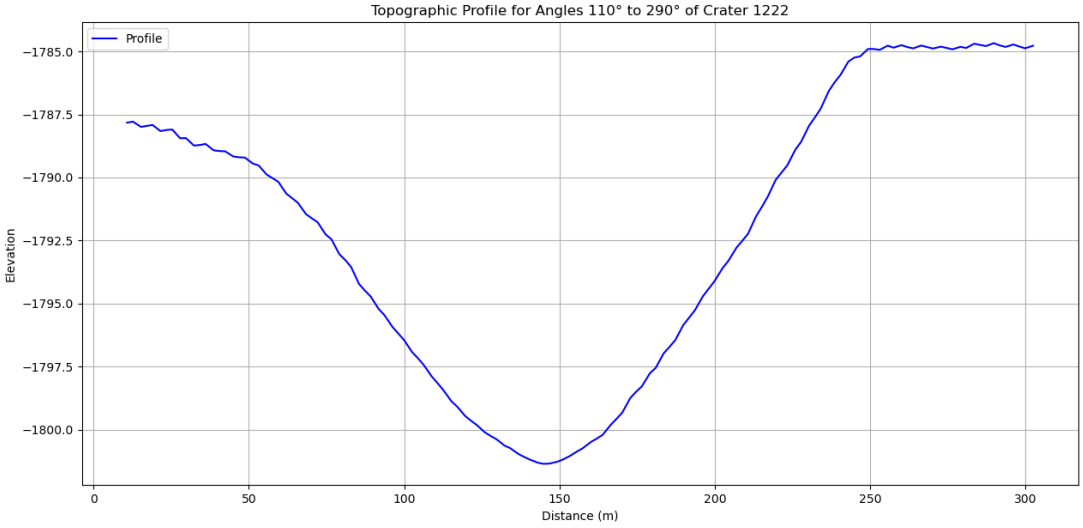

Topographic Profile for Angles 60° to 240° of Crater 1222
Profile
Elevation
−1780
−1785
−1790
−1795
−1800
50
100
150
200
250
300
Distance (m)

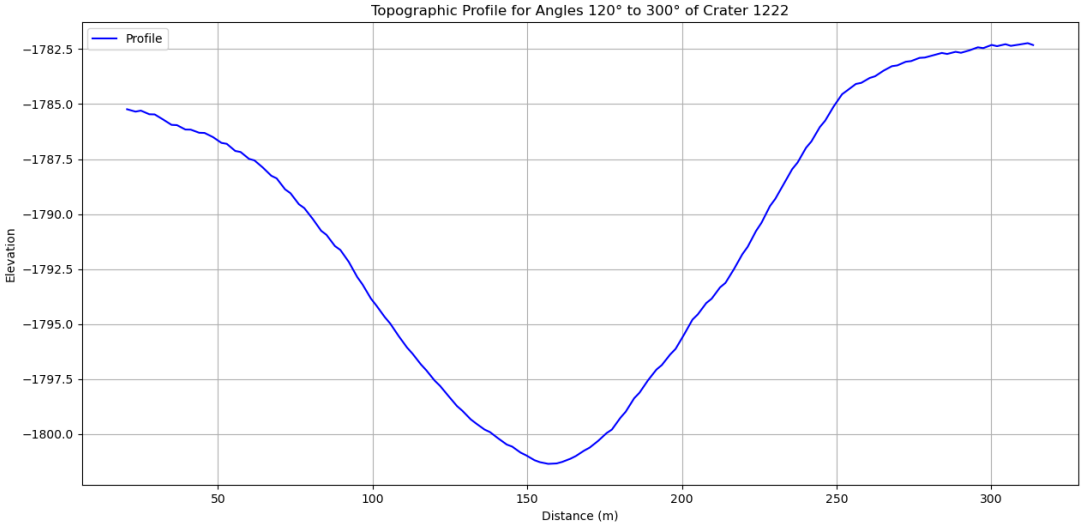

Topographic Profile for Angles 70° to 250° of Crater 1222
Profile
Elevation
Distance (m)
−1780
−1785
−1790
−1795
−1800
0
50
100
150
200
250
300

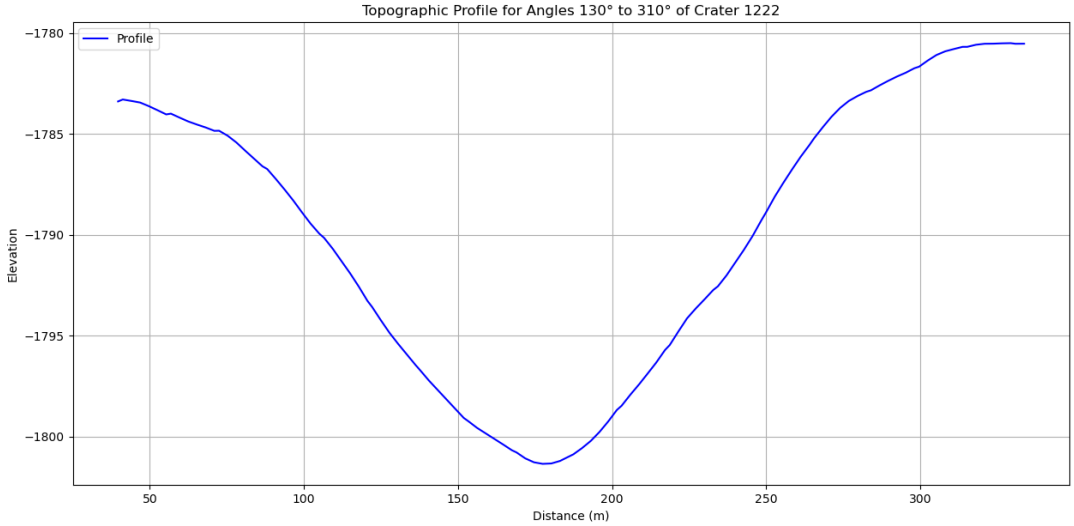

Topographic Profile for Angles 80° to 260° of Crater 1222
Profile
Elevation
Distance (m)
−1782.5
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
0
50
100
150
200
250
300

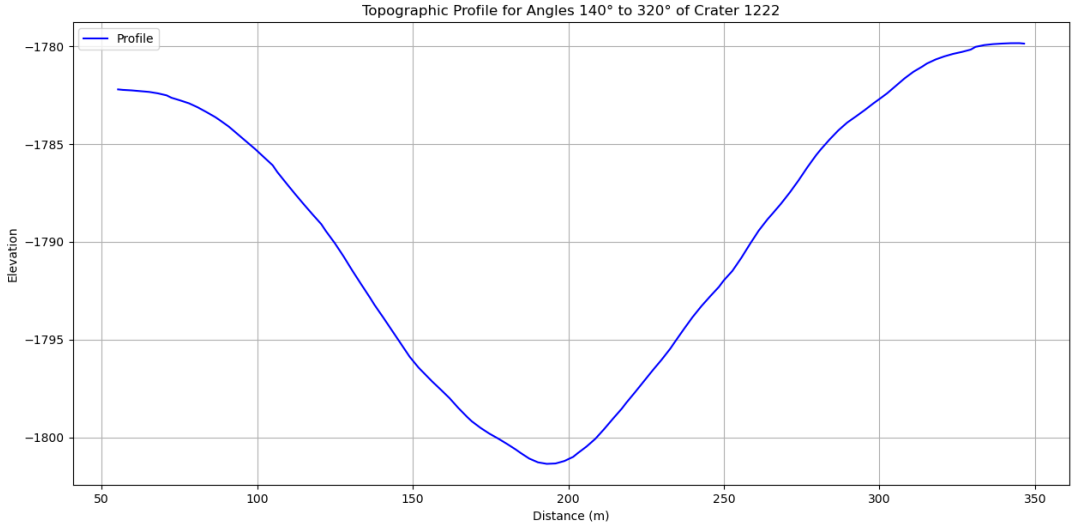

Topographic Profile for Angles 90° to 270° of Crater 1222
Profile
Elevation
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
0
50
100
150
200
250
300
Distance (m)

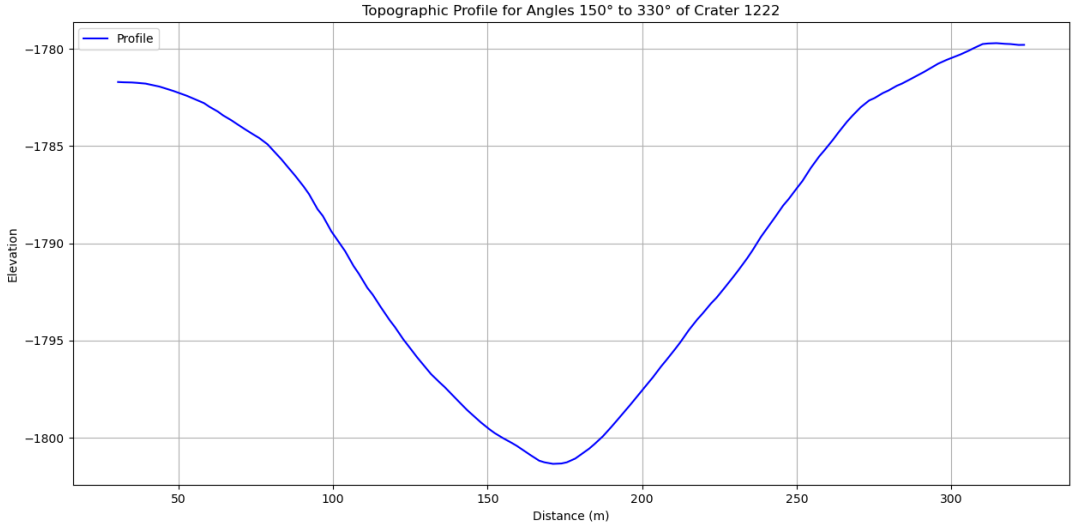

Topographic Profile for Angles 100° to 280° of Crater 1222
Profile
Elevation
−1786
−1788
−1790
−1792
−1794
−1796
−1798
−1800
−1802
0
50
100
150
200
250
300
Distance (m)

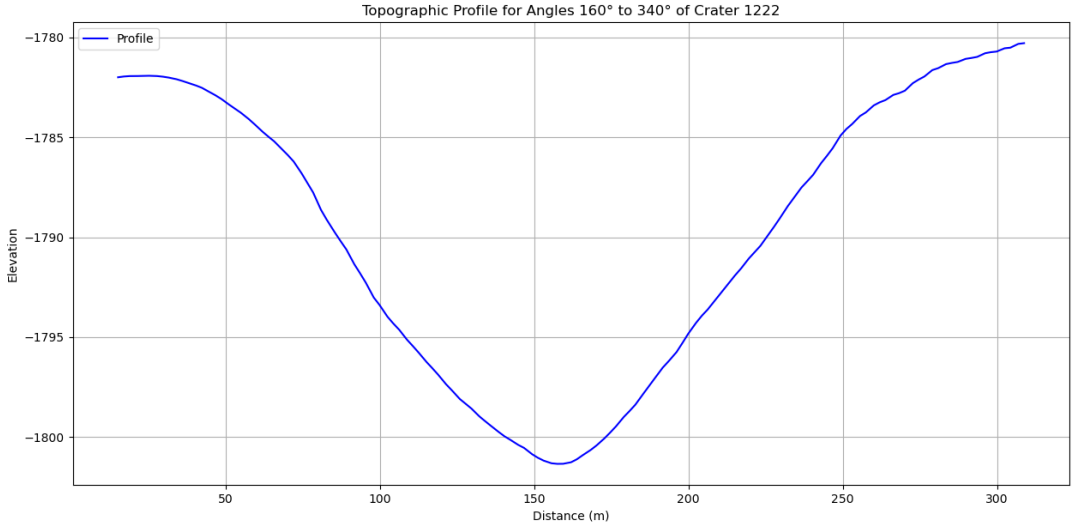

Topographic Profile for Angles 110° to 290° of Crater 1222
Profile
Elevation
Distance (m)
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
0
50
100
150
200
250
300

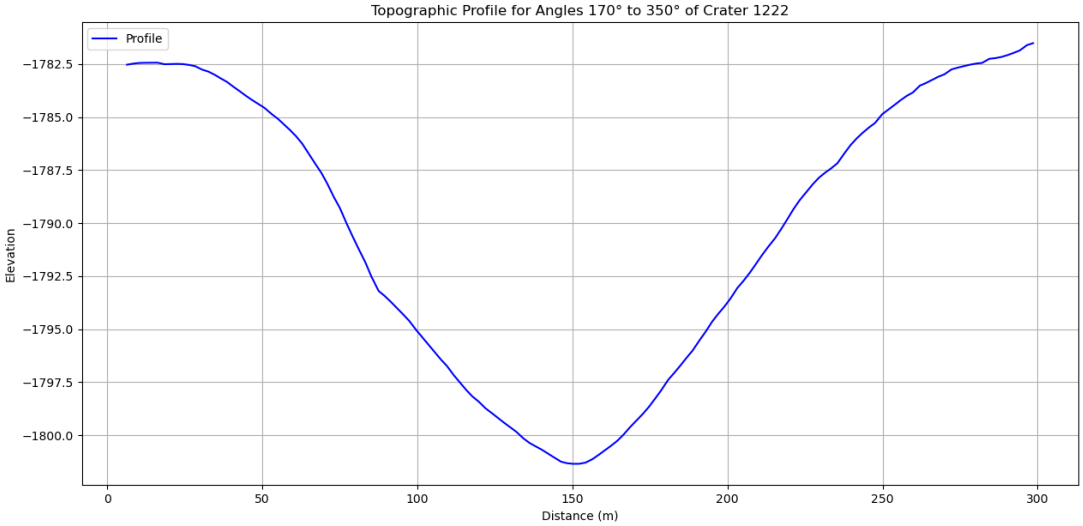

Topographic Profile for Angles 120° to 300° of Crater 1222
Profile
Elevation
Distance (m)
−1782.5
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
50
100
150
200
250
300


Topographic Profile for Angles 130° to 310° of Crater 1222
Profile
Elevation
Distance (m)
−1780
−1785
−1790
−1795
−1800
50
100
150
200
250
300


Topographic Profile for Angles 140° to 320° of Crater 1222
Profile
Elevation
Distance (m)
−1780
−1785
−1790
−1795
−1800
50
100
150
200
250
300
350


Topographic Profile for Angles 150° to 330° of Crater 1222
Profile
−1780
−1785
−1790
−1795
−1800
Elevation
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 1222
Profile
−1780
−1785
−1790
−1795
−1800
Elevation
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 1222
Profile
Elevation
−1782.5
−1785.0
−1787.5
−1790.0
−1792.5
−1795.0
−1797.5
−1800.0
0
50
100
150
200
250
300
Distance (m)