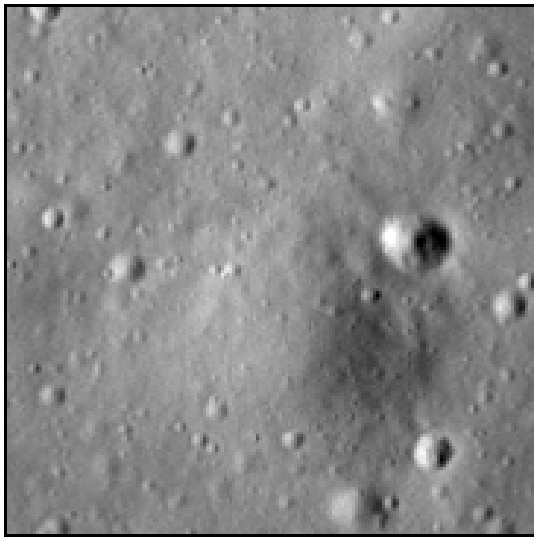
Crater report 2003 of RG2

General information



ID : 2003

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 95m ± 7.0m

Mean depht : 4.8m ± 0.4m

d/D ratio : 0.051 ± 0.006

Circularity index : 0.91

Mean slope : 6.26°

Mean value of TRI on the rim crest : 0.00

Geometric center coordinates : (3659321.414461739, 222122.0652672687)

Coordinates of the crater's lowest point : (3659323.0000011013, 222103.0000000655)

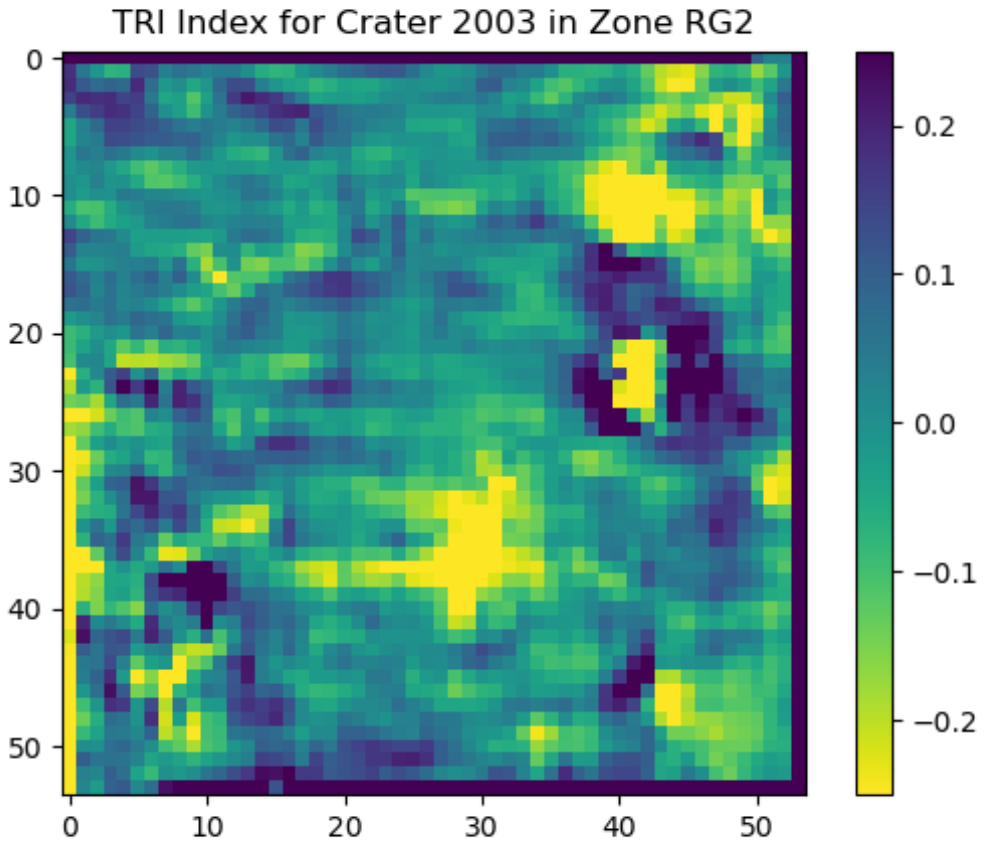
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	6.63	0.57
10°	6.28	0.55
20°	6.36	0.51
30°	6.48	0.48
40°	6.1	0.43
50°	6.48	0.43
60°	7.6	0.49
70°	7.48	0.52
80°	7.86	0.55
90°	8.07	0.57
100°	7.54	0.55
110°	6.99	0.51

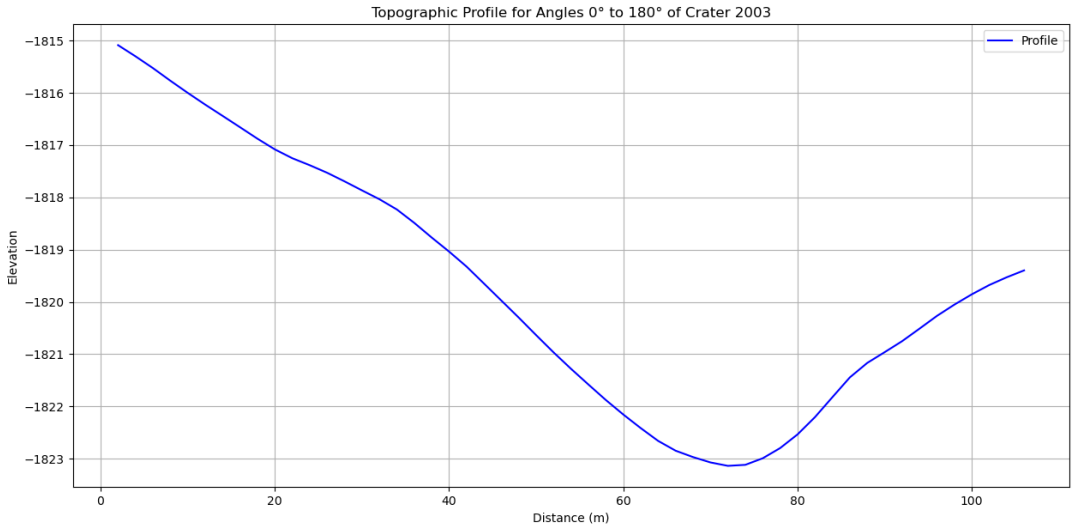
120°	6.98	0.48
130°	7.1	0.42
140°	6.7	0.44
150°	6.38	0.48
160°	6.31	0.51
170°	6.55	0.54
180°	6.8	0.57
190°	6.58	0.55
200°	6.2	0.51
210°	5.95	0.48
220°	5.7	0.44
230°	5.51	0.42
240°	4.66	0.48
250°	4.6	0.51
260°	4.67	0.55
270°	4.97	0.57
280°	4.93	0.55
290°	5.24	0.52
300°	5.28	0.48
310°	5.39	0.43
320°	5.85	0.44
330°	6.14	0.48
340°	6.43	0.52
350°	6.55	0.55

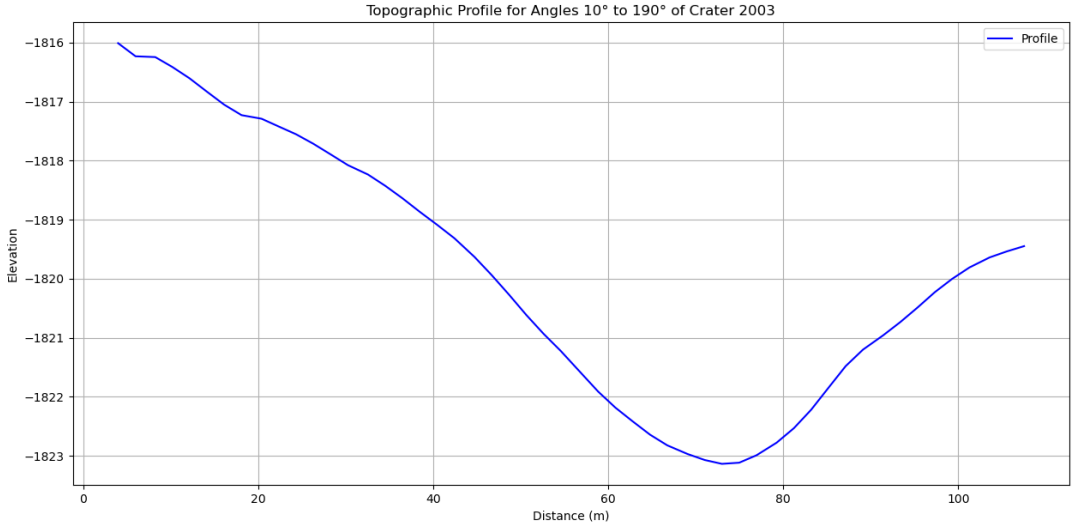
Topographic roughness index (TRI)

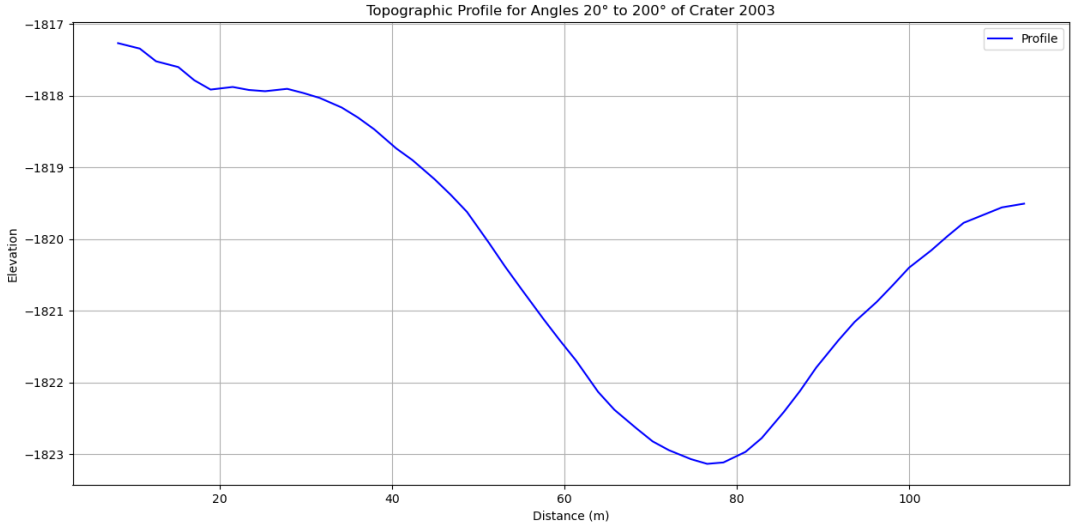
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

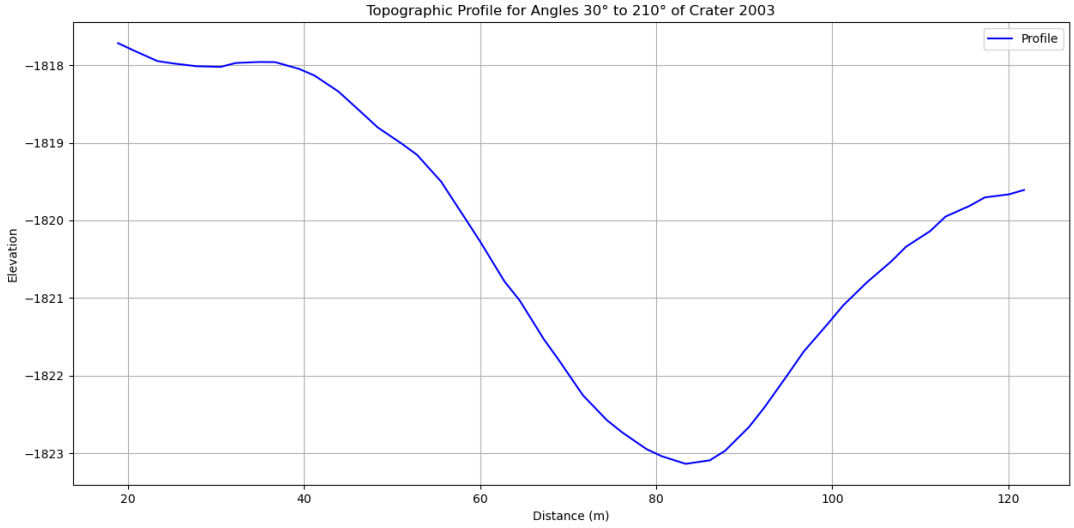


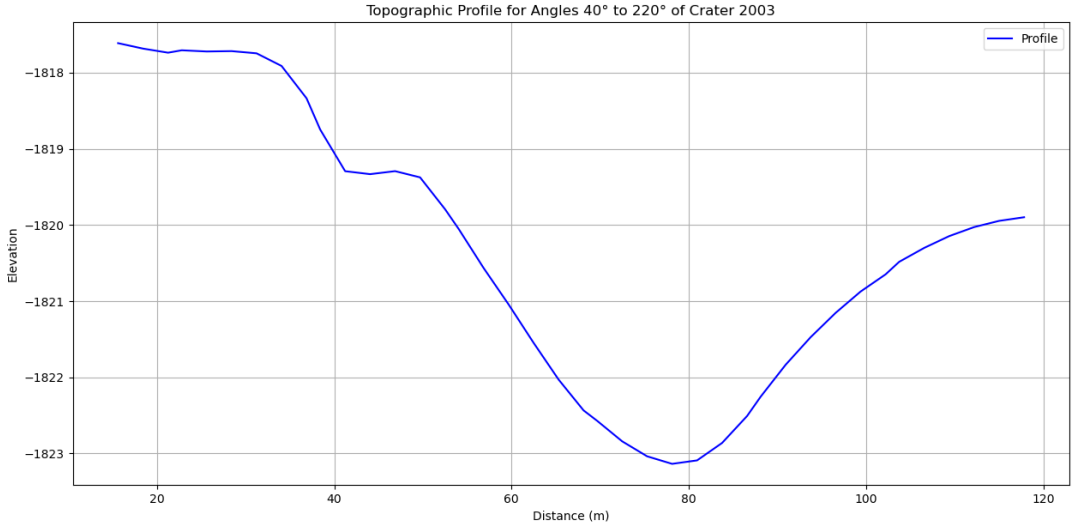
Topographic profiles

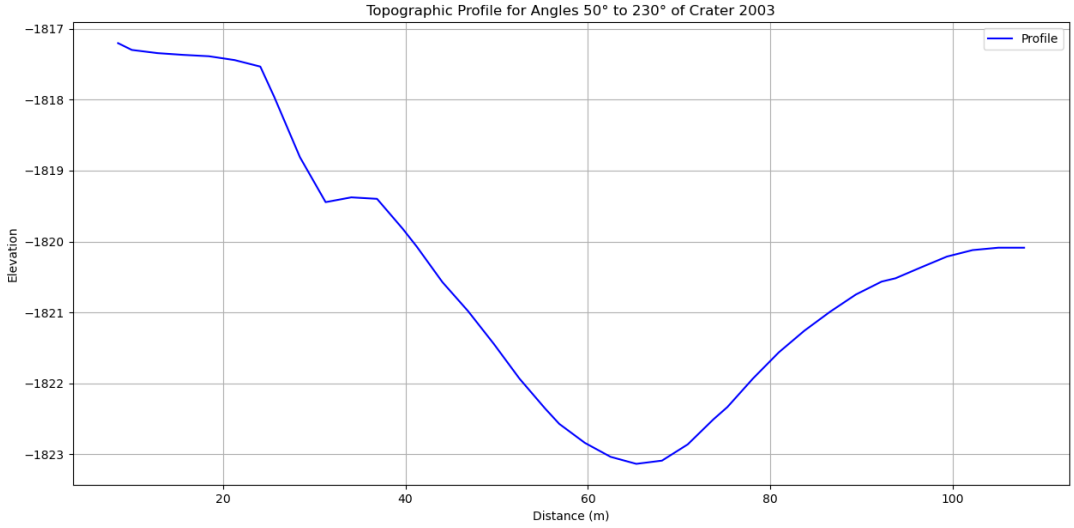


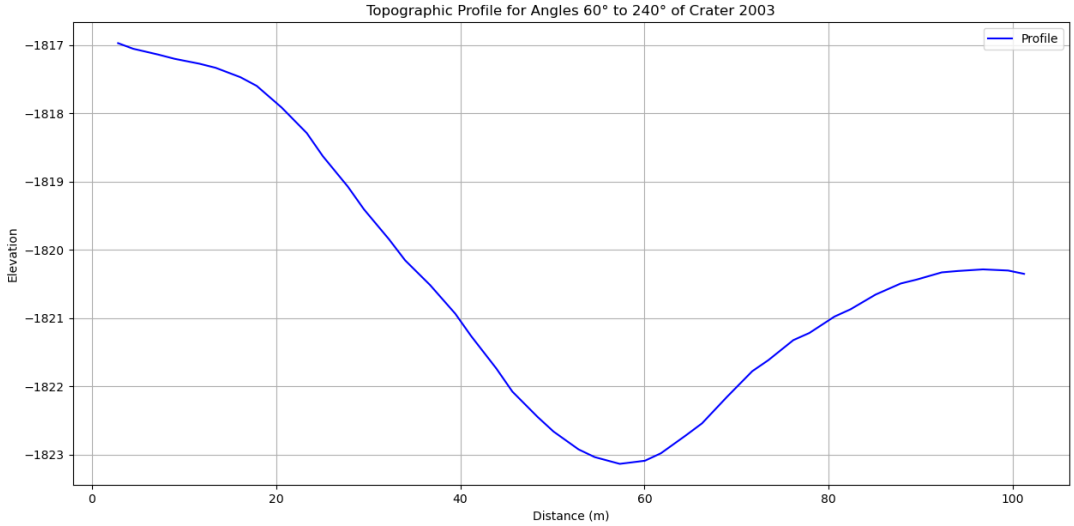

Topographic Profile for Angles 10° to 190° of Crater 2003
Profile
Elevation
Distance (m)
−1816
−1817
−1818
−1819
−1820
−1821
−1822
−1823
0
20
40
60
80
100

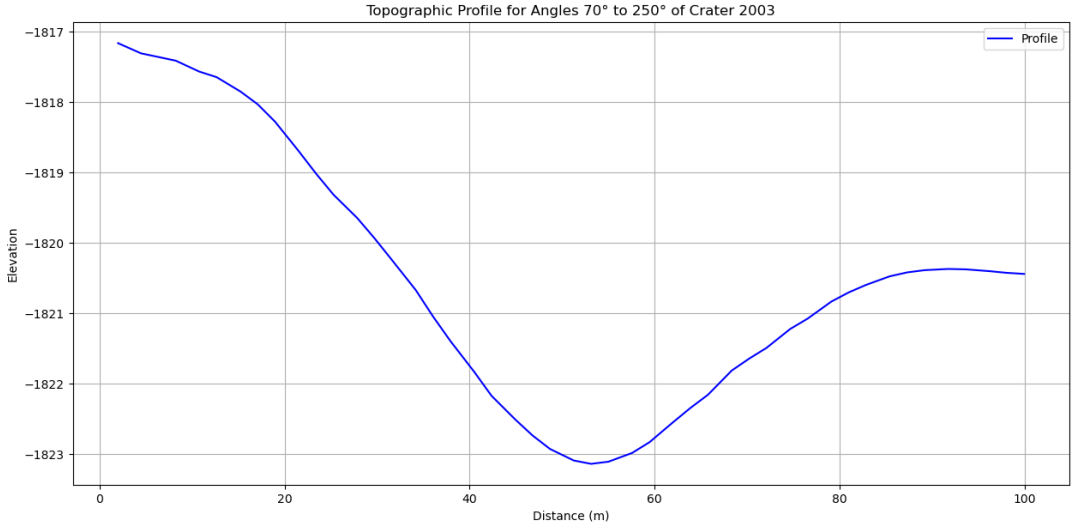

Topographic Profile for Angles 20° to 200° of Crater 2003
Profile
Elevation
Distance (m)
−1817
−1818
−1819
−1820
−1821
−1822
−1823
20
40
60
80
100

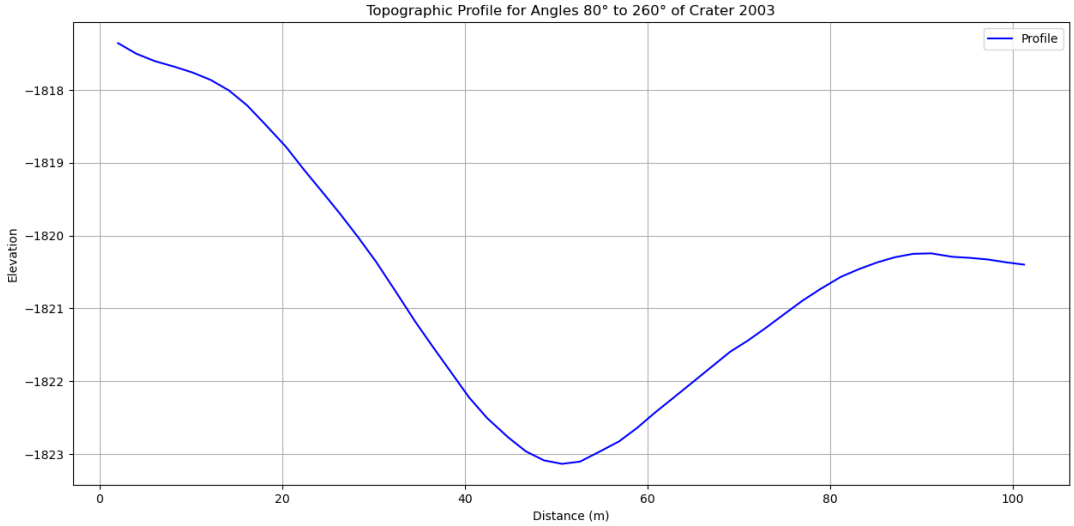

Topographic Profile for Angles 30° to 210° of Crater 2003
Profile
Elevation
−1818
−1819
−1820
−1821
−1822
−1823
20
40
60
80
100
120
Distance (m)

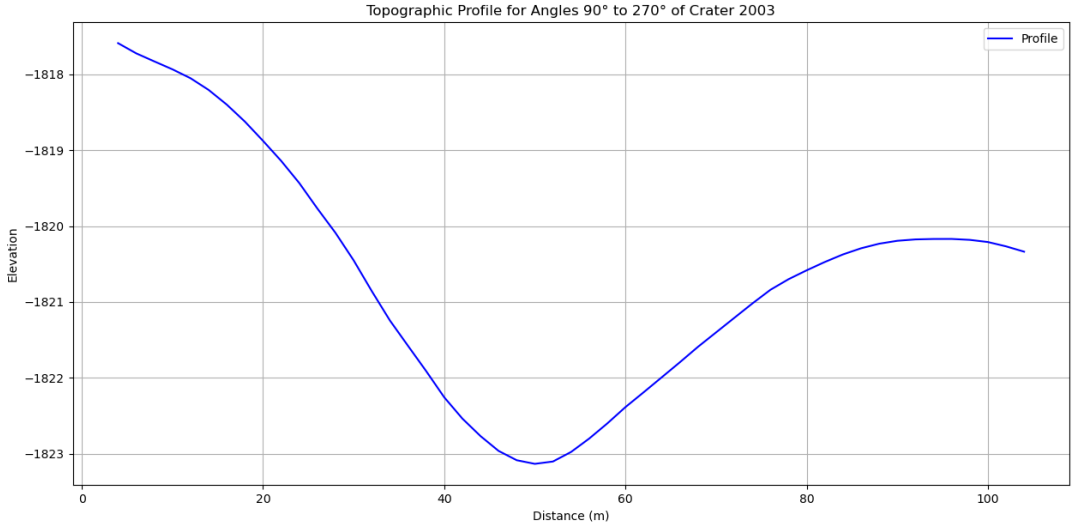

Topographic Profile for Angles 40° to 220° of Crater 2003
Profile
Elevation
−1818
−1819
−1820
−1821
−1822
−1823
20
40
60
80
100
120
Distance (m)

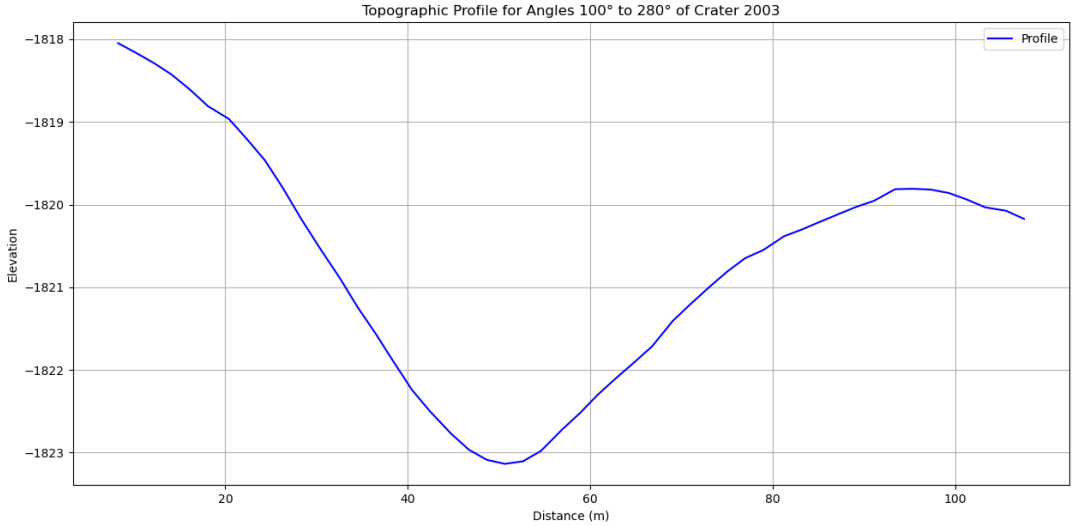

Topographic Profile for Angles 50° to 230° of Crater 2003
Profile
Elevation
Distance (m)
−1817
−1818
−1819
−1820
−1821
−1822
−1823
20
40
60
80
100

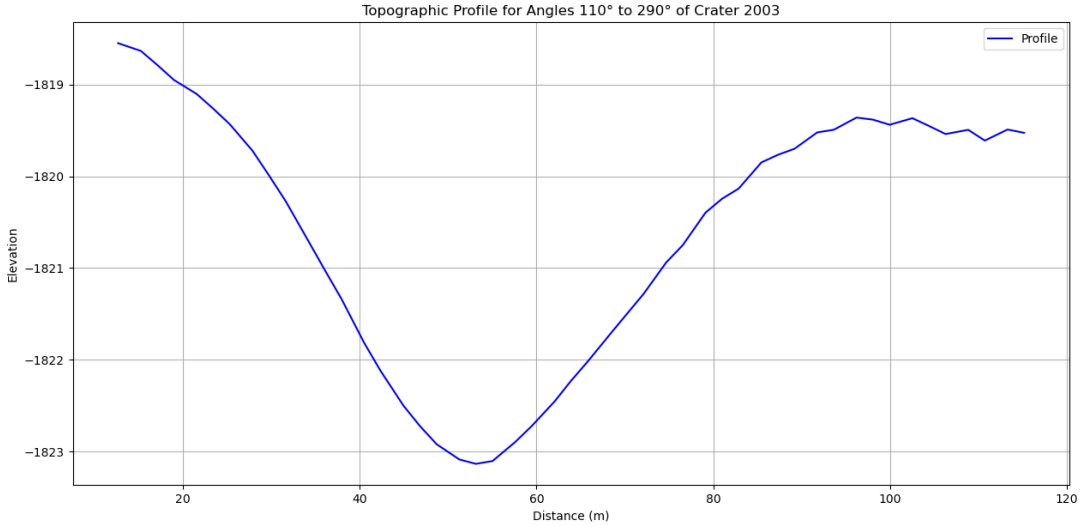

Topographic Profile for Angles 60° to 240° of Crater 2003
Profile
Elevation
Distance (m)
−1817
−1818
−1819
−1820
−1821
−1822
−1823
0
20
40
60
80
100

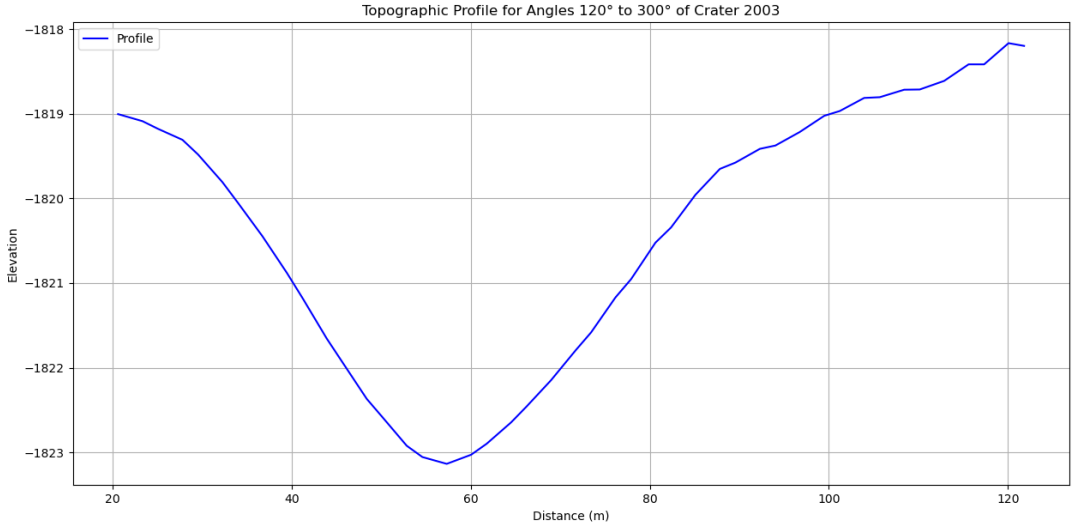

Topographic Profile for Angles 70° to 250° of Crater 2003
Profile
Elevation
Distance (m)
−1817
−1818
−1819
−1820
−1821
−1822
−1823
0
20
40
60
80
100

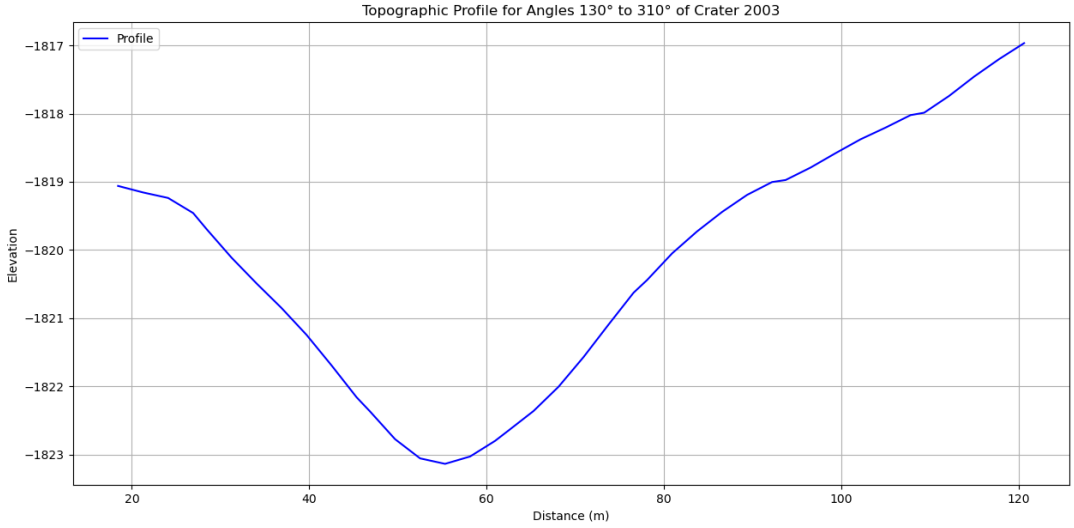

Topographic Profile for Angles 80° to 260° of Crater 2003
Profile
Elevation
Distance (m)
−1818
−1819
−1820
−1821
−1822
−1823
0
20
40
60
80
100

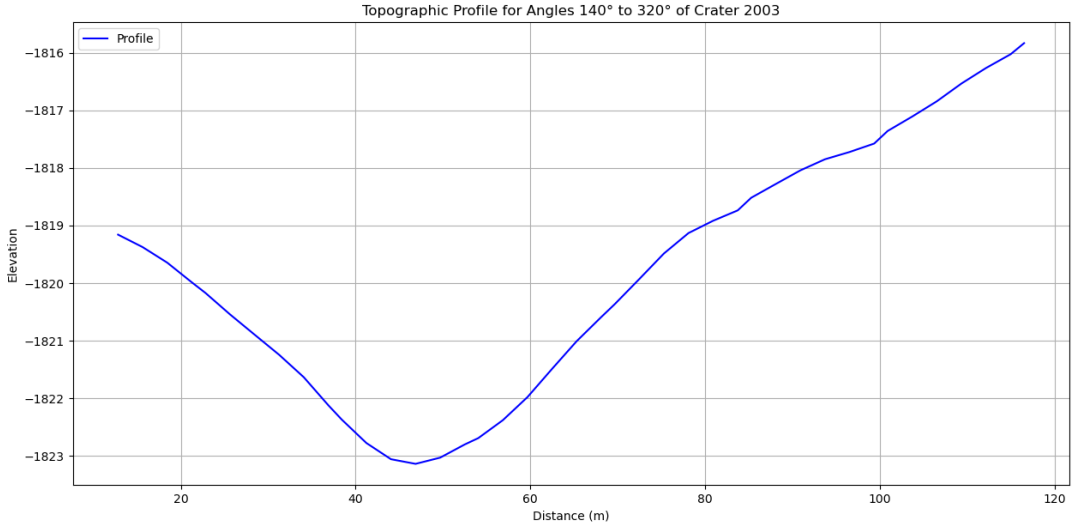

Topographic Profile for Angles 90° to 270° of Crater 2003
Profile
Elevation
−1818
−1819
−1820
−1821
−1822
−1823
0
20
40
60
80
100
Distance (m)

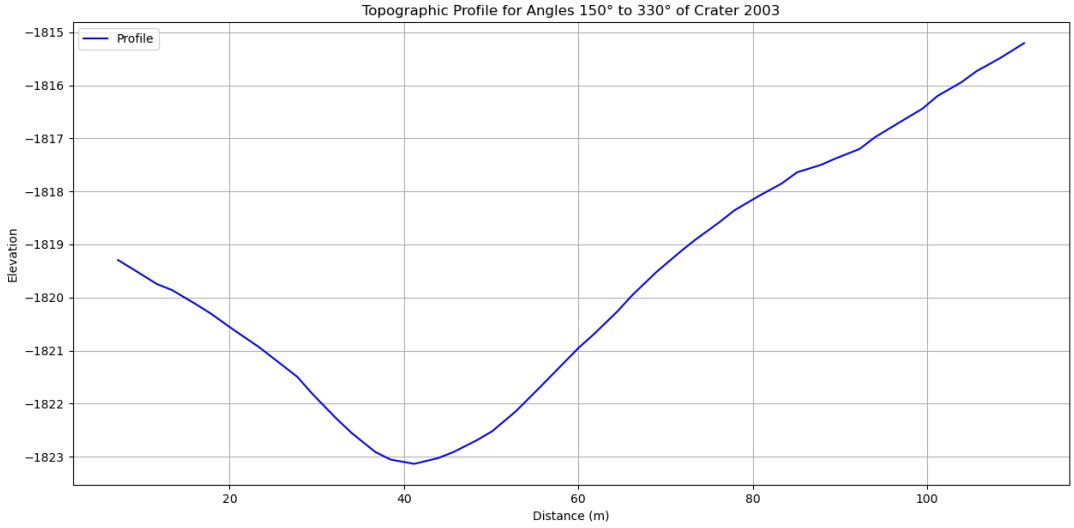

Topographic Profile for Angles 100° to 280° of Crater 2003
Profile
Elevation
−1818
−1819
−1820
−1821
−1822
−1823
20
40
60
80
100
Distance (m)

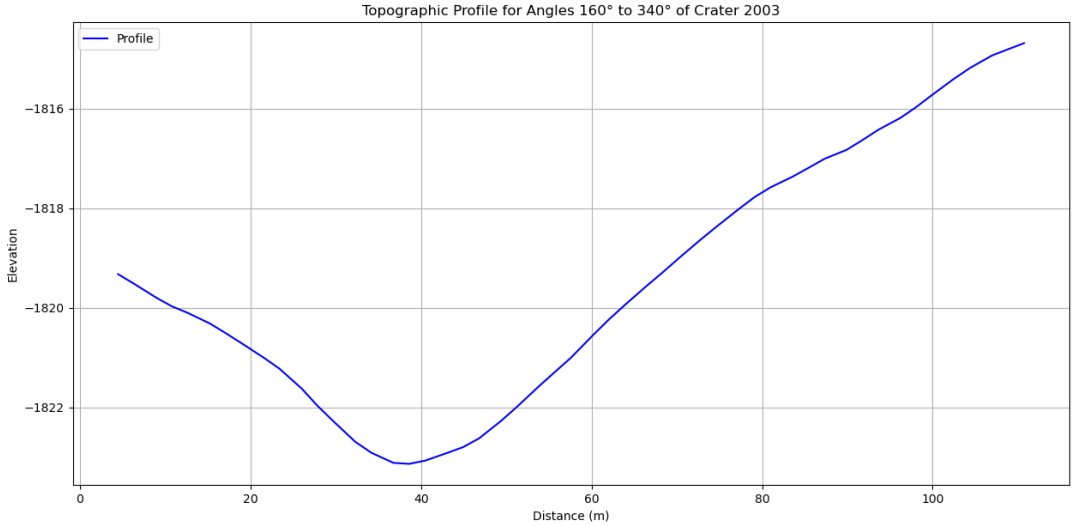

Topographic Profile for Angles 110° to 290° of Crater 2003
Profile
Elevation
−1819
−1820
−1821
−1822
−1823
20
40
60
80
100
120
Distance (m)

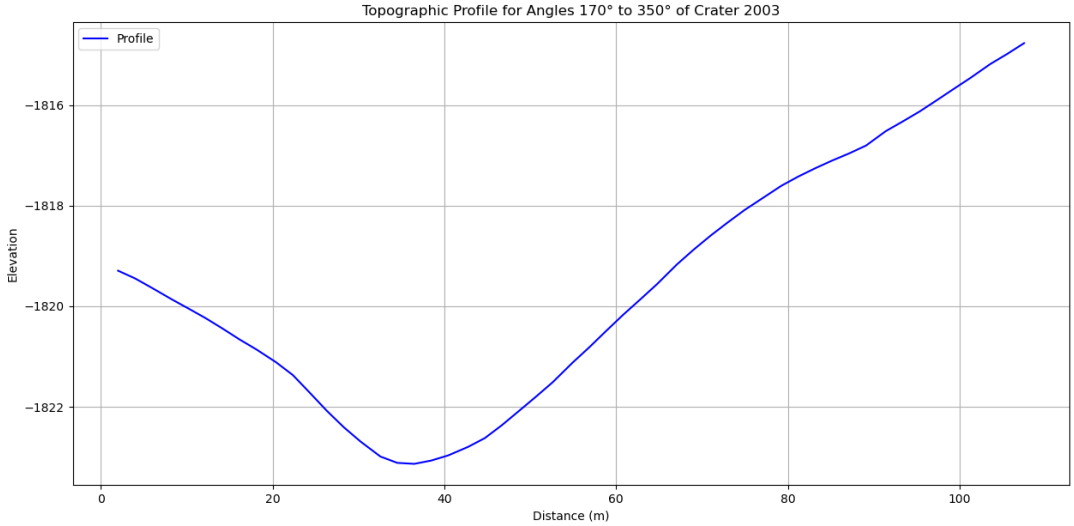

Topographic Profile for Angles 120° to 300° of Crater 2003
Profile
Elevation
−1818
−1819
−1820
−1821
−1822
−1823
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 2003
Profile
Elevation
Distance (m)
−1817
−1818
−1819
−1820
−1821
−1822
−1823
20
40
60
80
100
120


Topographic Profile for Angles 140° to 320° of Crater 2003
Profile
Elevation
Distance (m)
−1816
−1817
−1818
−1819
−1820
−1821
−1822
−1823
20
40
60
80
100
120


Topographic Profile for Angles 150° to 330° of Crater 2003
Profile
Elevation
Distance (m)
−1815
−1816
−1817
−1818
−1819
−1820
−1821
−1822
−1823
20
40
60
80
100


Topographic Profile for Angles 160° to 340° of Crater 2003
Profile
Elevation
Distance (m)
−1816
−1818
−1820
−1822
0
20
40
60
80
100


Topographic Profile for Angles 170° to 350° of Crater 2003
Profile
−1816
−1818
−1820
−1822
Elevation
0
20
40
60
80
100
Distance (m)