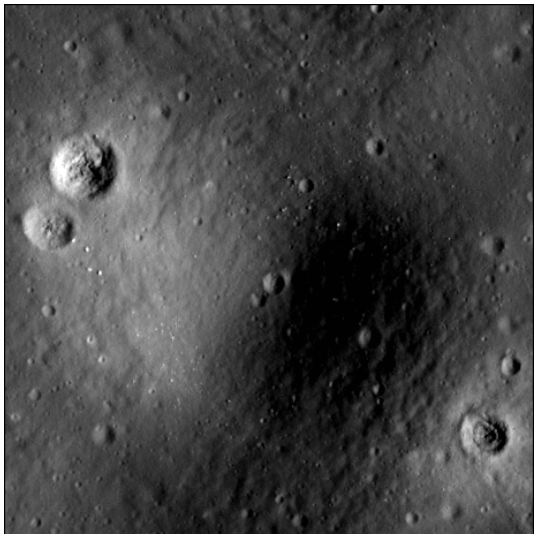
Crater report 3195 of RG2

General information



ID : 3195

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : B - BC

Mean Diameter : 245m ± 15.0m

Mean depht : 21.4m ± 1.2m

d/D ratio : 0.087 ± 0.007

Circularity index : 0.91

Slope : Between 11.11° et 16.75°

Mean value of TRI on the rim crest : 0.22

Geometric center coordinates : (3657941.0157582867, 212474.75031936818)

Coordinates of the crater's lowest point : (3657931.000001101, 212473.0000000626)

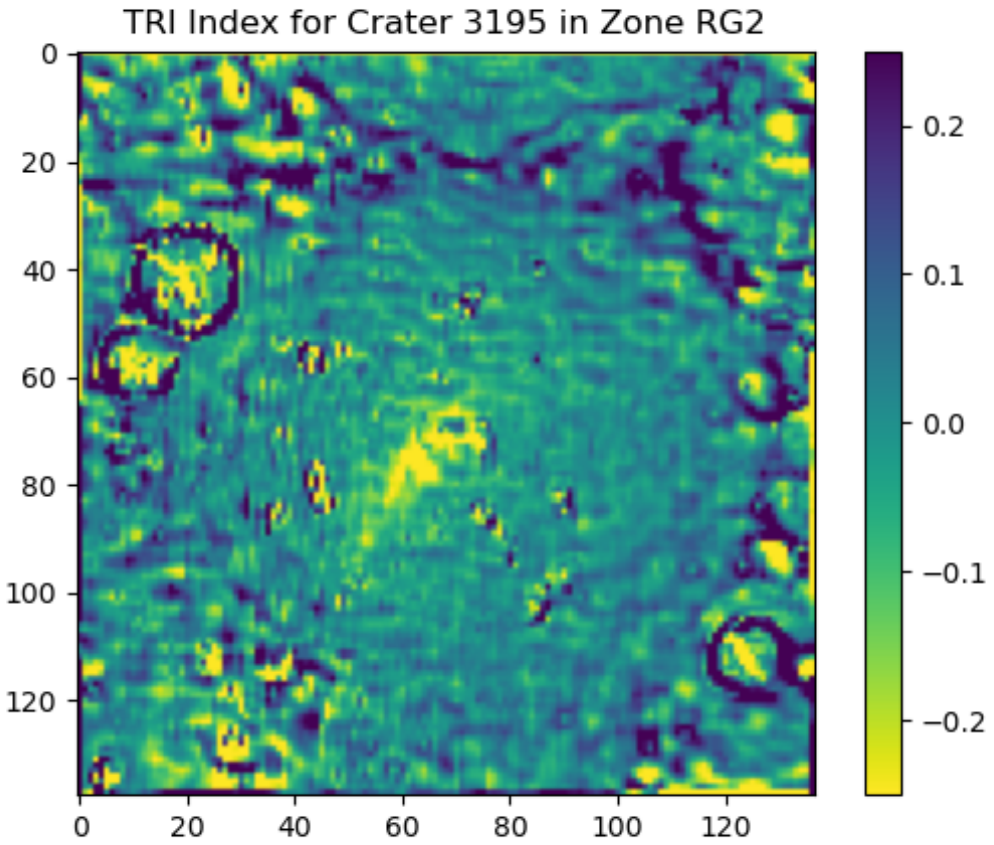
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	13.26	0.57
10°	13.8	0.54
20°	14.11	0.51
30°	15.19	0.47
40°	15.74	0.43
50°	15.61	0.44
60°	14.46	0.47
70°	14.77	0.51
80°	15.5	0.53
90°	16.67	0.56
100°	16.18	0.53
110°	16.37	0.5

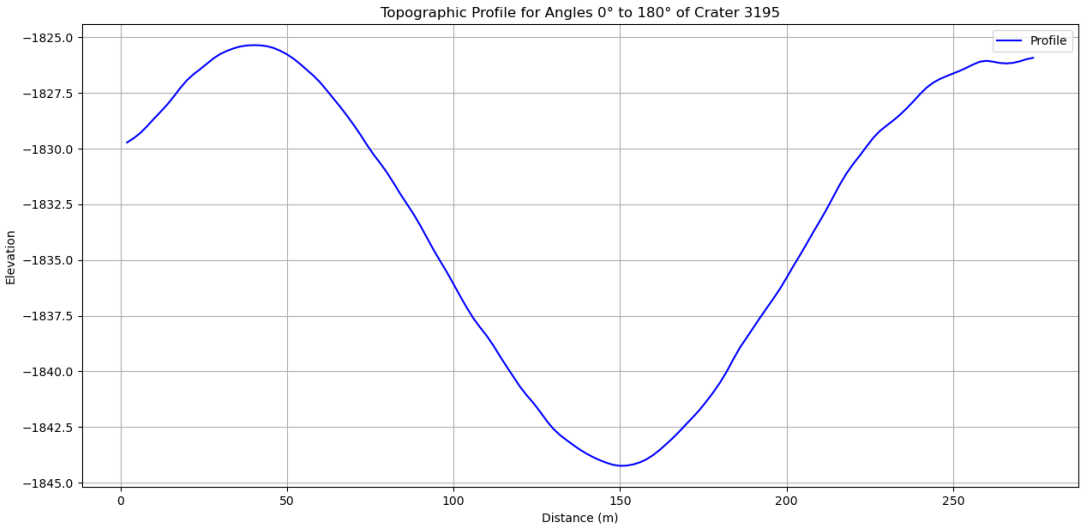
120°	16.53	0.47
130°	16.75	0.43
140°	16.12	0.42
150°	14.67	0.48
160°	14.25	0.51
170°	14.08	0.54
180°	13.43	0.56
190°	11.94	0.54
200°	11.11	0.51
210°	11.22	0.49
220°	12.44	0.43
230°	13.51	0.43
240°	13.47	0.48
250°	13.81	0.51
260°	14.21	0.54
270°	14.6	0.56
280°	13.6	0.54
290°	12.02	0.52
300°	11.8	0.48
310°	12.09	0.43
320°	11.98	0.43
330°	11.74	0.48
340°	11.52	0.51
350°	12.01	0.54

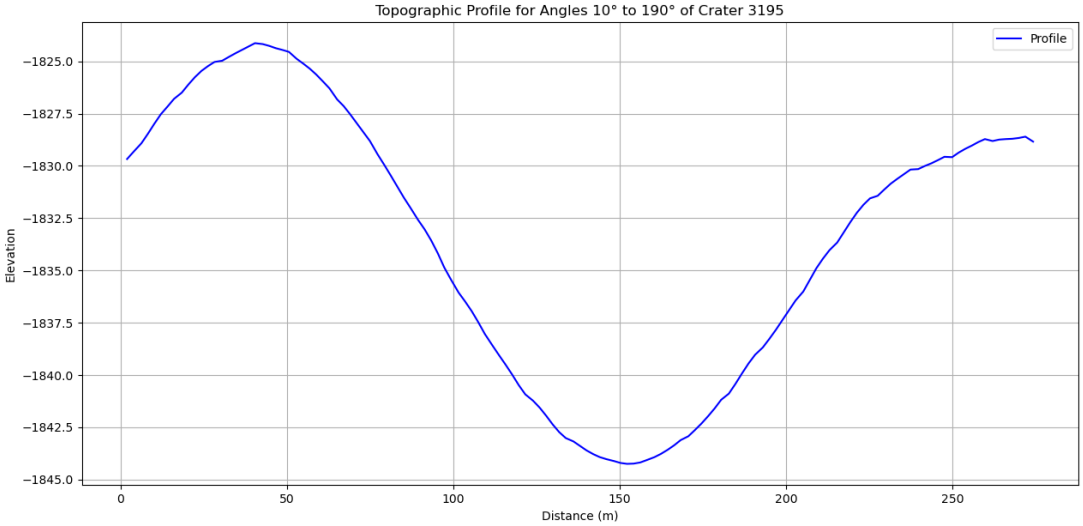
Topographic roughness index (TRI)

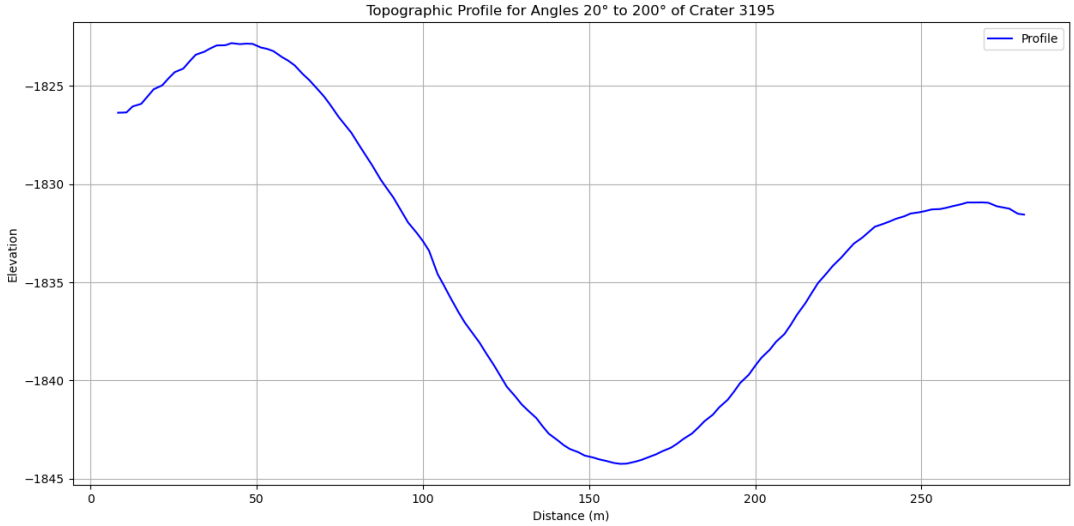
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

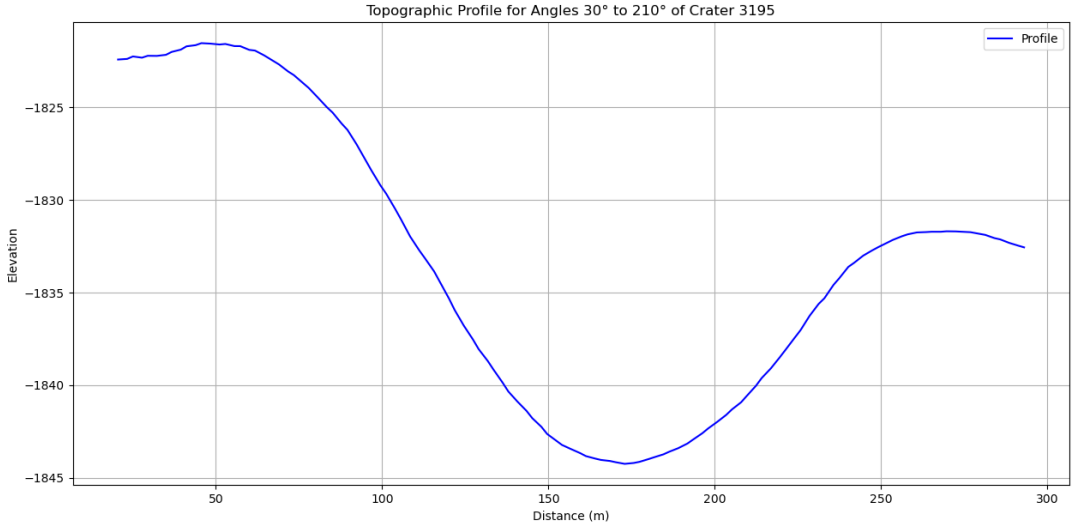


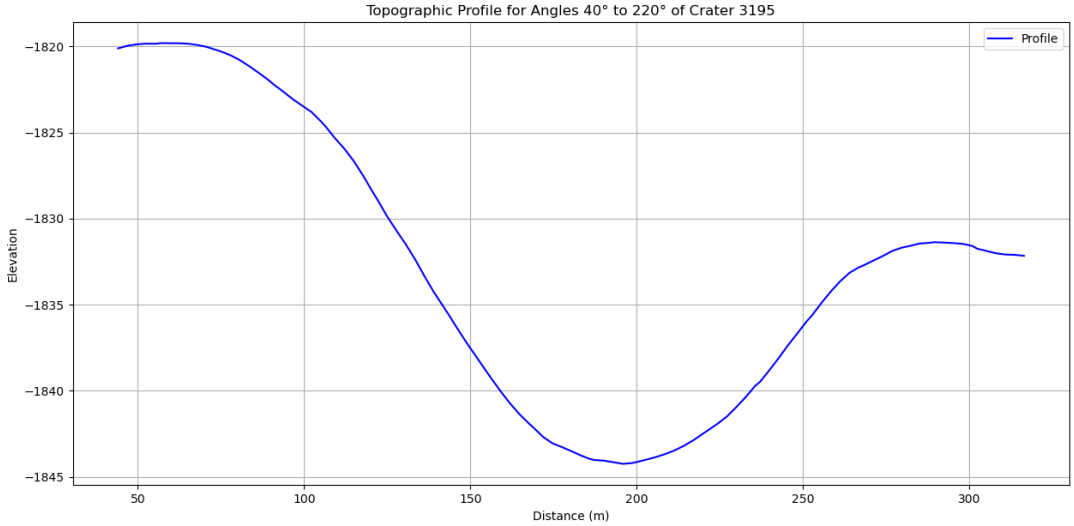
Topographic profiles

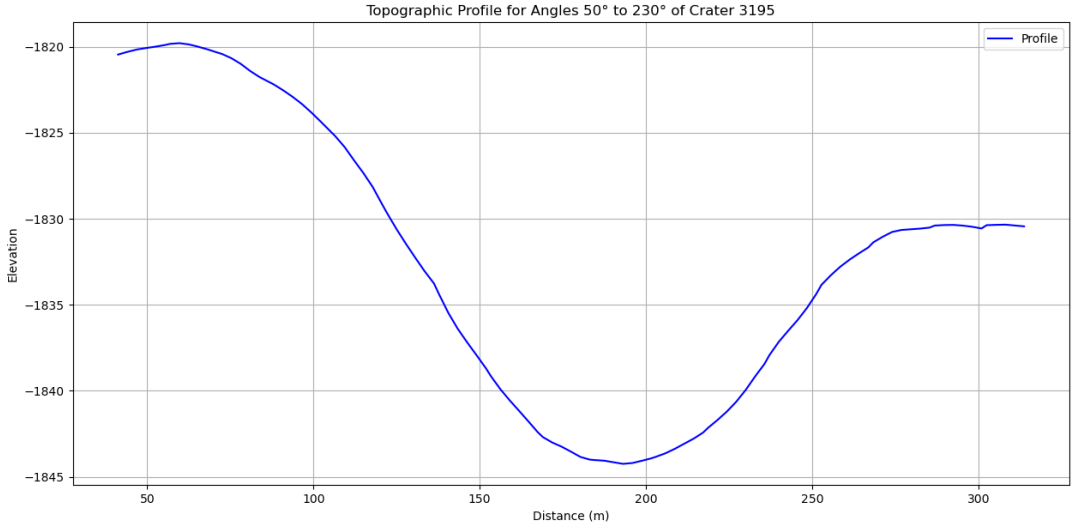


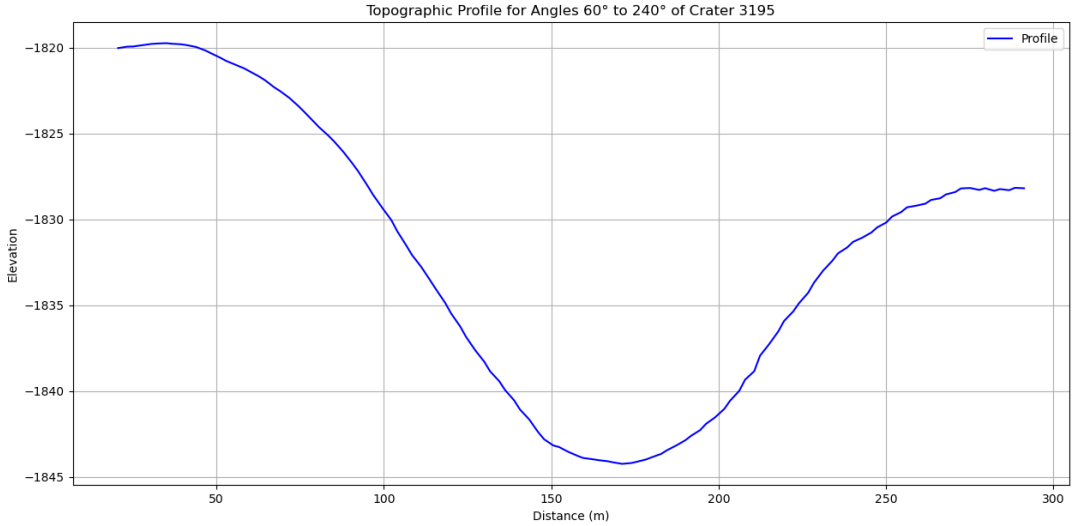

Topographic Profile for Angles 10° to 190° of Crater 3195
Profile
Elevation
Distance (m)
−1825.0
−1827.5
−1830.0
−1832.5
−1835.0
−1837.5
−1840.0
−1842.5
−1845.0
0
50
100
150
200
250

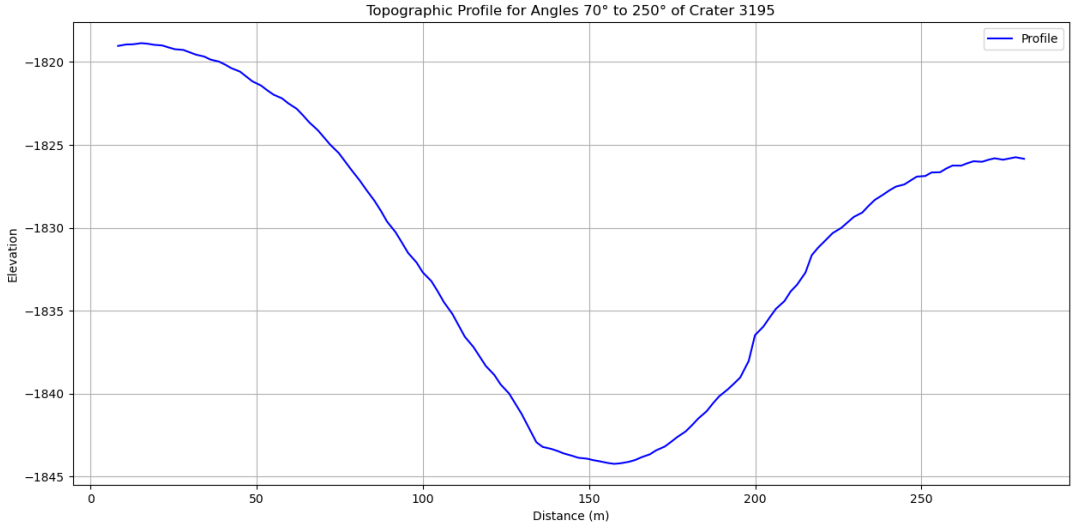

Topographic Profile for Angles 20° to 200° of Crater 3195
Profile
Elevation
Distance (m)
−1825
−1830
−1835
−1840
−1845
0
50
100
150
200
250

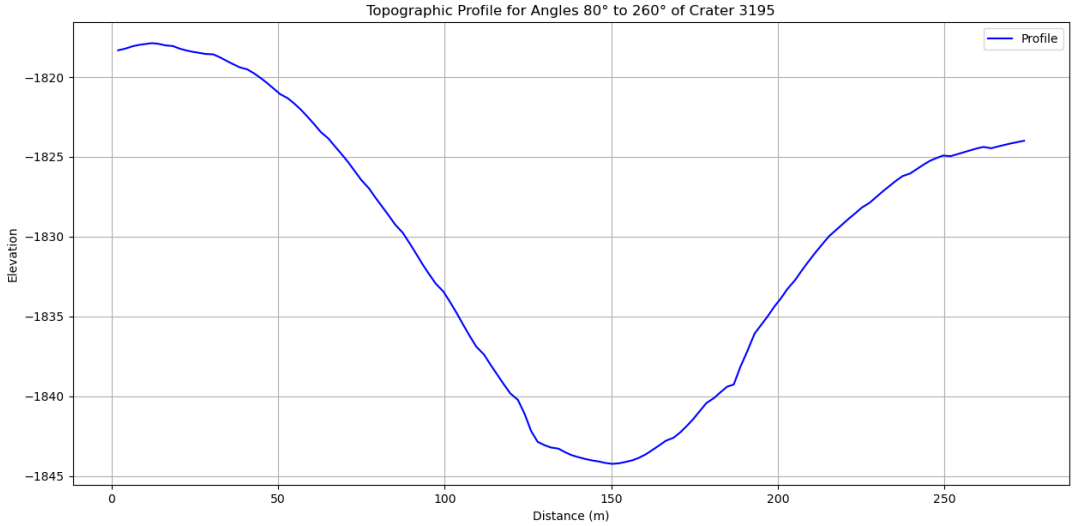

Topographic Profile for Angles 30° to 210° of Crater 3195
Profile
Elevation
−1825
−1830
−1835
−1840
−1845
50
100
150
200
250
300
Distance (m)

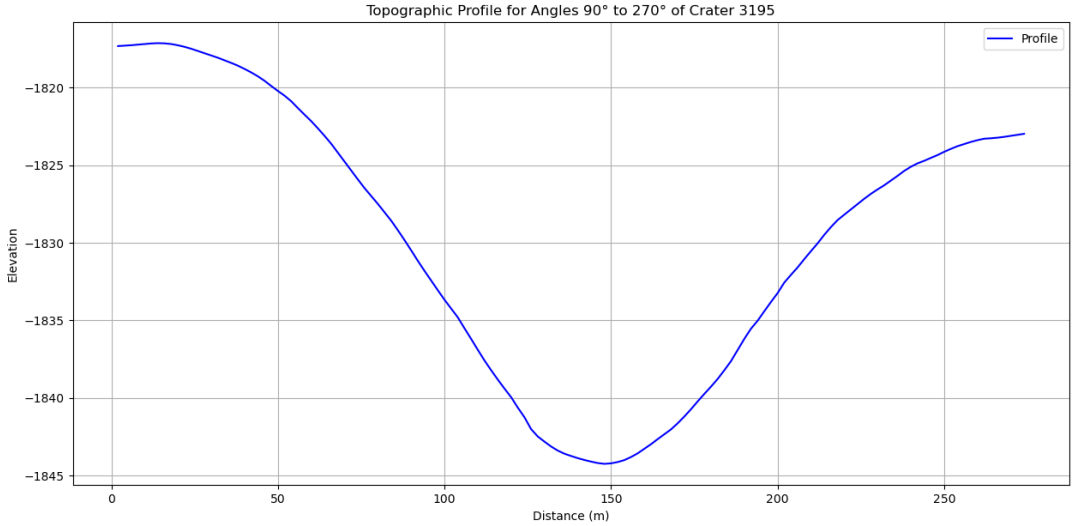

Topographic Profile for Angles 40° to 220° of Crater 3195
Profile
Elevation
−1820
−1825
−1830
−1835
−1840
−1845
50
100
150
200
250
300
Distance (m)

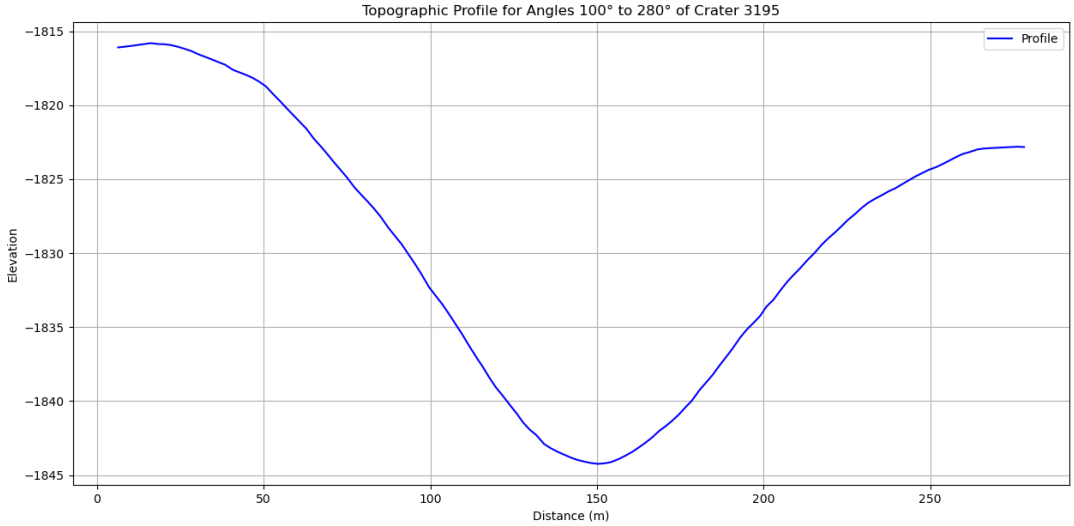

Topographic Profile for Angles 50° to 230° of Crater 3195
Profile
Elevation
−1820
−1825
−1830
−1835
−1840
−1845
50
100
150
200
250
300
Distance (m)

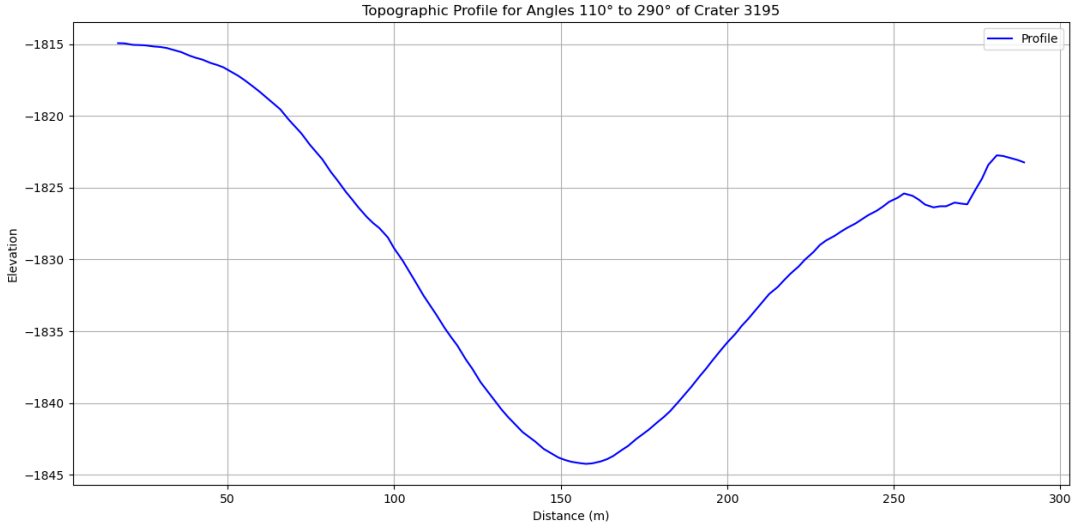

Topographic Profile for Angles 60° to 240° of Crater 3195
Profile
Elevation
−1820
−1825
−1830
−1835
−1840
−1845
50
100
150
200
250
300
Distance (m)

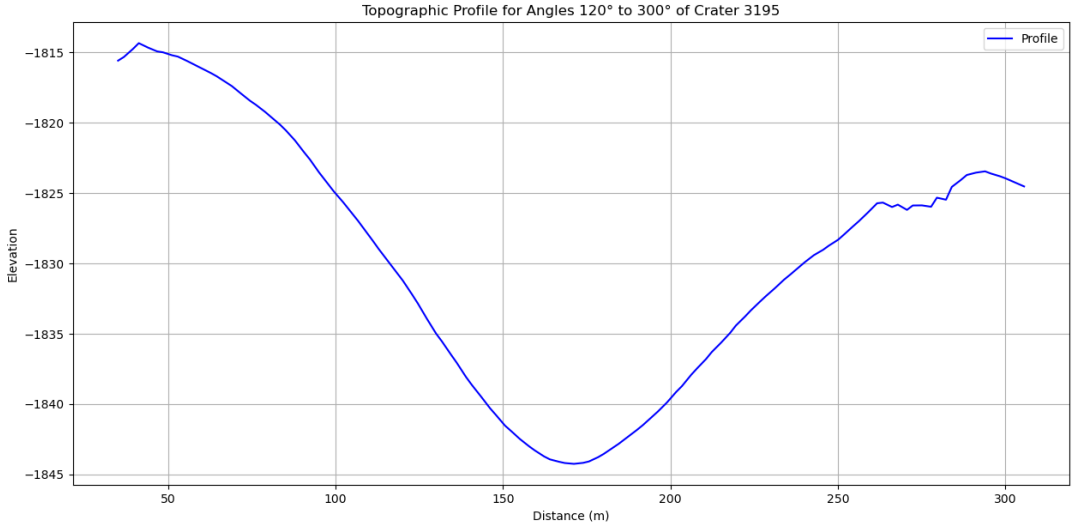

Topographic Profile for Angles 70° to 250° of Crater 3195
Profile
Elevation
−1820
−1825
−1830
−1835
−1840
−1845
0
50
100
150
200
250
Distance (m)

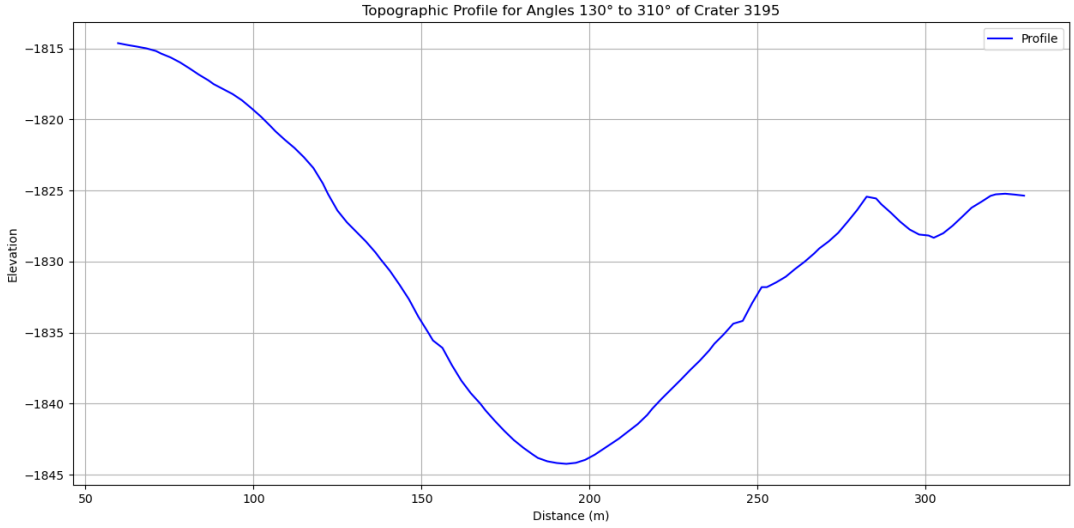

Topographic Profile for Angles 80° to 260° of Crater 3195
Profile
Elevation
−1820
−1825
−1830
−1835
−1840
−1845
0
50
100
150
200
250
Distance (m)

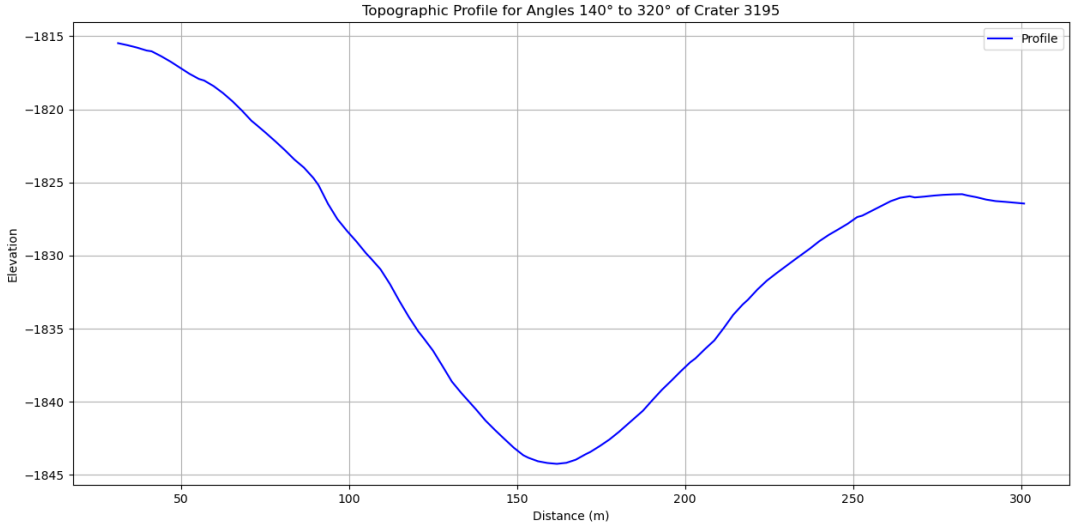

Topographic Profile for Angles 90° to 270° of Crater 3195
Profile
Elevation
−1820
−1825
−1830
−1835
−1840
−1845
0
50
100
150
200
250
Distance (m)

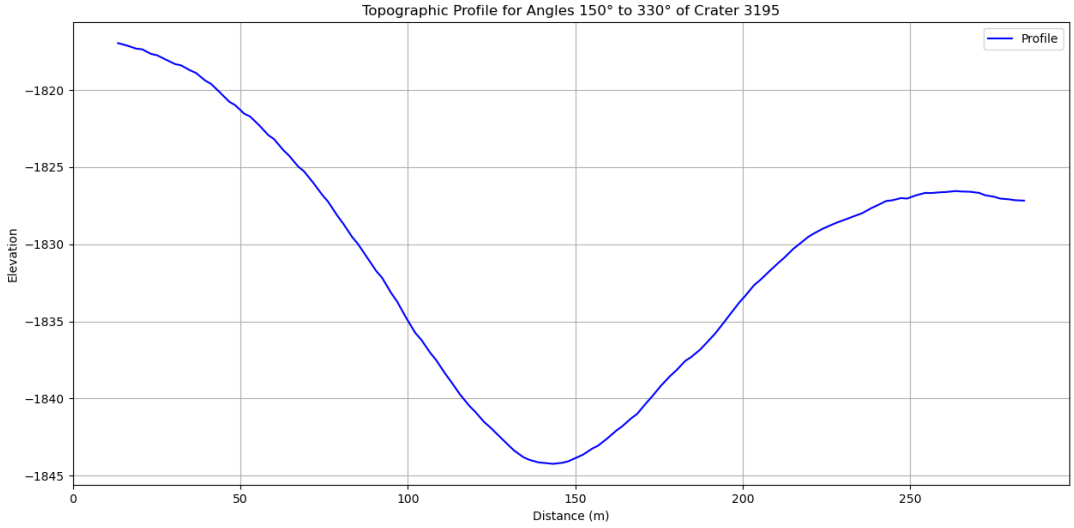

Topographic Profile for Angles 100° to 280° of Crater 3195
Profile
Elevation
−1815
−1820
−1825
−1830
−1835
−1840
−1845
0
50
100
150
200
250
Distance (m)

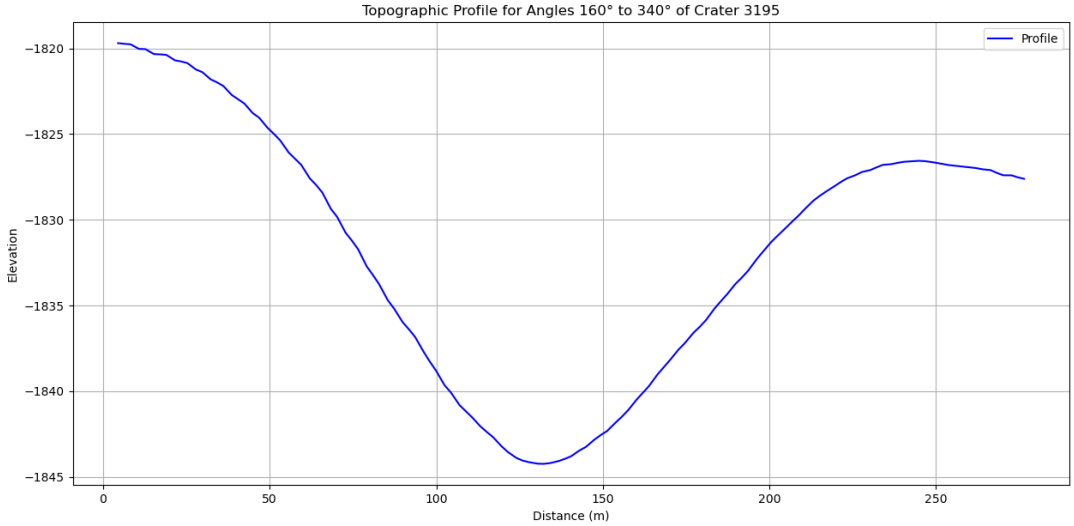

Topographic Profile for Angles 110° to 290° of Crater 3195
Profile
Elevation
Distance (m)
−1815
−1820
−1825
−1830
−1835
−1840
−1845
50
100
150
200
250
300

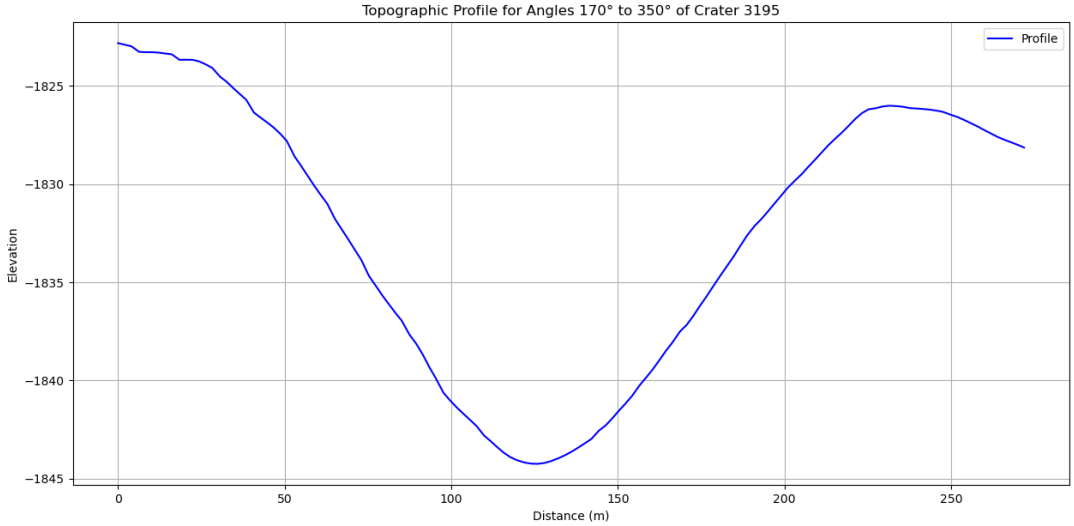

Topographic Profile for Angles 120° to 300° of Crater 3195
Profile
Elevation
Distance (m)
−1815
−1820
−1825
−1830
−1835
−1840
−1845
50
100
150
200
250
300


Topographic Profile for Angles 130° to 310° of Crater 3195
Profile
Elevation
Distance (m)
−1815
−1820
−1825
−1830
−1835
−1840
−1845
50
100
150
200
250
300


Topographic Profile for Angles 140° to 320° of Crater 3195
Profile
Elevation
Distance (m)
−1815
−1820
−1825
−1830
−1835
−1840
−1845
50
100
150
200
250
300


Topographic Profile for Angles 150° to 330° of Crater 3195
Profile
Elevation
−1820
−1825
−1830
−1835
−1840
−1845
0
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 3195
Profile
Elevation
−1820
−1825
−1830
−1835
−1840
−1845
0
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 3195
Profile
Elevation
−1825
−1830
−1835
−1840
−1845
0
50
100
150
200
250
Distance (m)