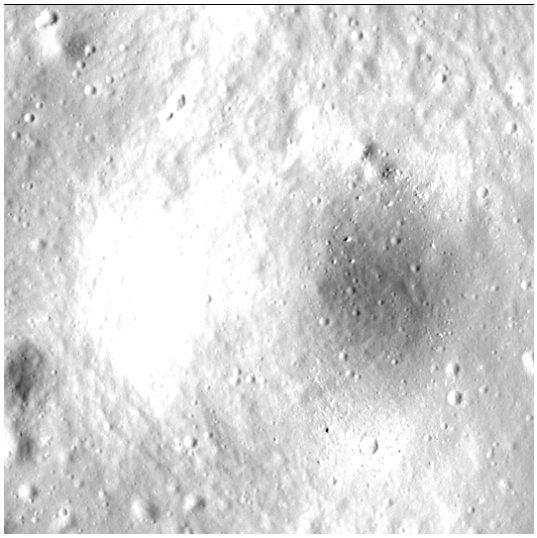
Crater report 2296 of RG2

General information



ID : 2296

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : B

Mean Diameter : 274m ± 9.0m

Mean depht : 29.1m ± 3.1m

d/D ratio : 0.106 ± 0.012

Circularity index : 0.91

Slope : Between 8.33° et 19.68°

Mean value of TRI on the rim crest : 0.09

Geometric center coordinates : (3655867.1814820524, 218787.60354394643)

Coordinates of the crater's lowest point : (3655915.0000011, 218783.0000000645)

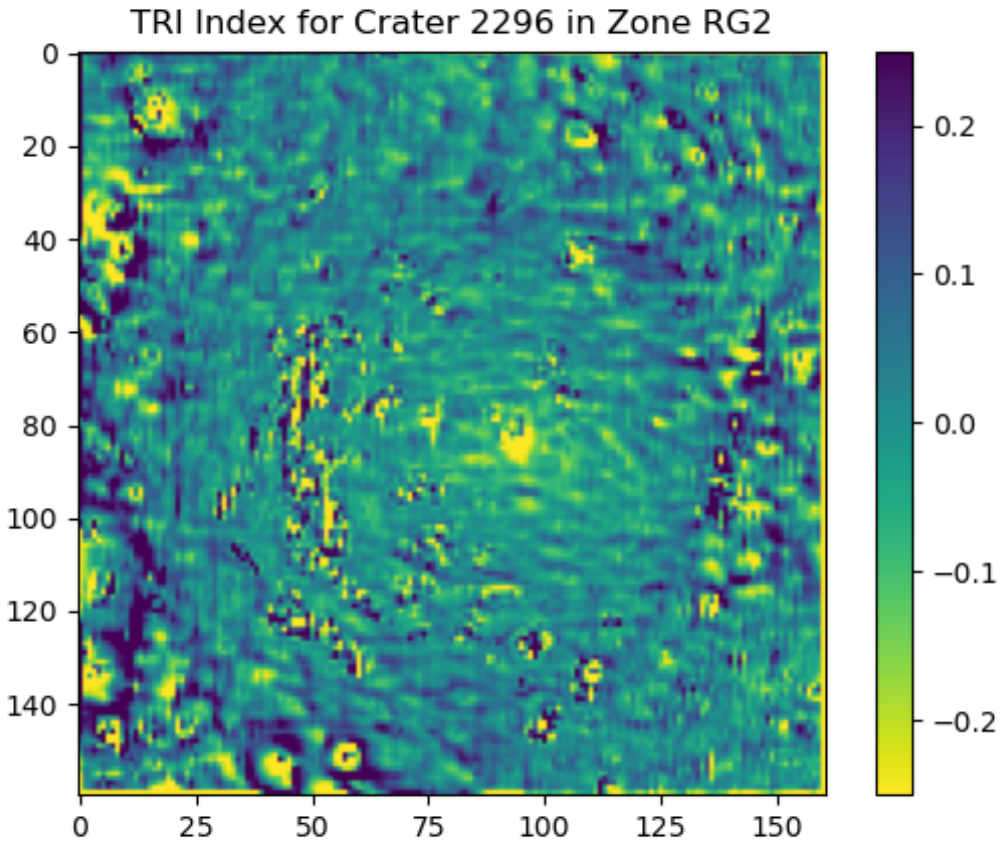
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	16.58	0.56
10°	14.22	0.53
20°	11.26	0.51
30°	11.21	0.48
40°	11.43	0.44
50°	10.82	0.43
60°	10.02	0.47
70°	9.42	0.51
80°	8.85	0.54
90°	9.03	0.57
100°	8.54	0.54
110°	8.33	0.52

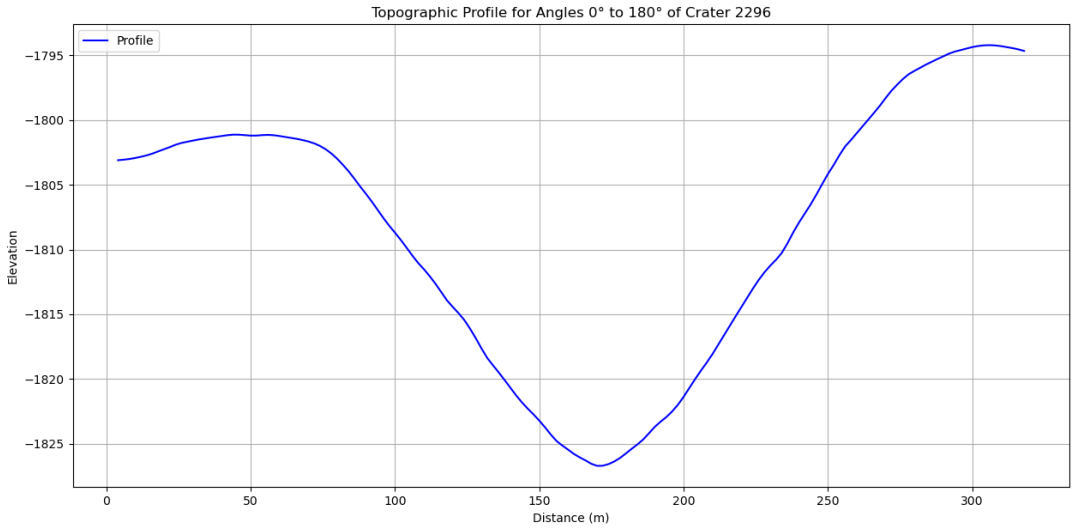
120°	8.57	0.48
130°	10.1	0.44
140°	11.68	0.42
150°	13.17	0.47
160°	14.74	0.5
170°	16.53	0.54
180°	18.56	0.56
190°	18.82	0.53
200°	18.55	0.5
210°	18.66	0.47
220°	17.9	0.43
230°	17.55	0.43
240°	17.31	0.47
250°	18.19	0.5
260°	18.67	0.53
270°	19.68	0.55
280°	19.34	0.53
290°	18.12	0.5
300°	17.2	0.47
310°	17.46	0.43
320°	17.18	0.43
330°	15.42	0.47
340°	15.87	0.51
350°	17.16	0.53

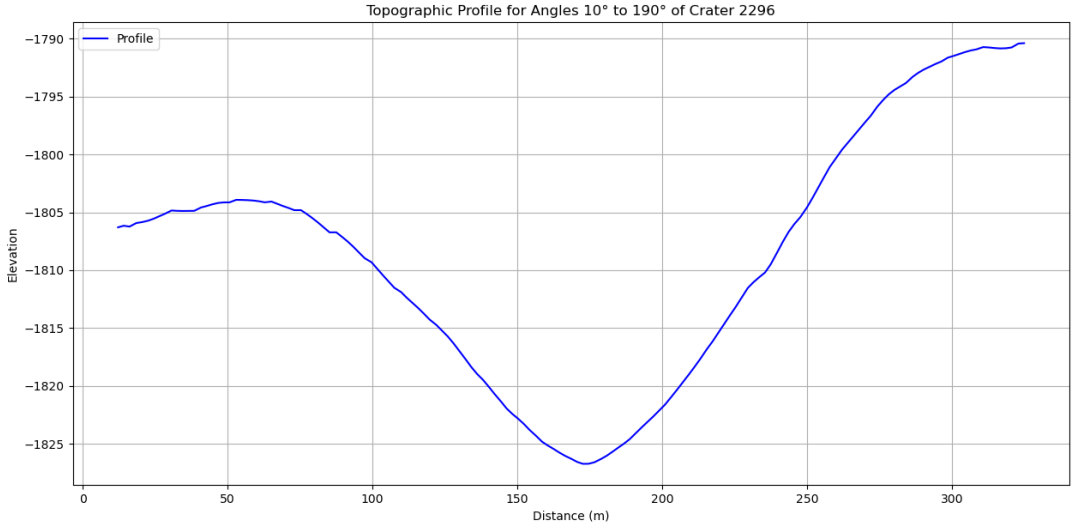
Topographic roughness index (TRI)

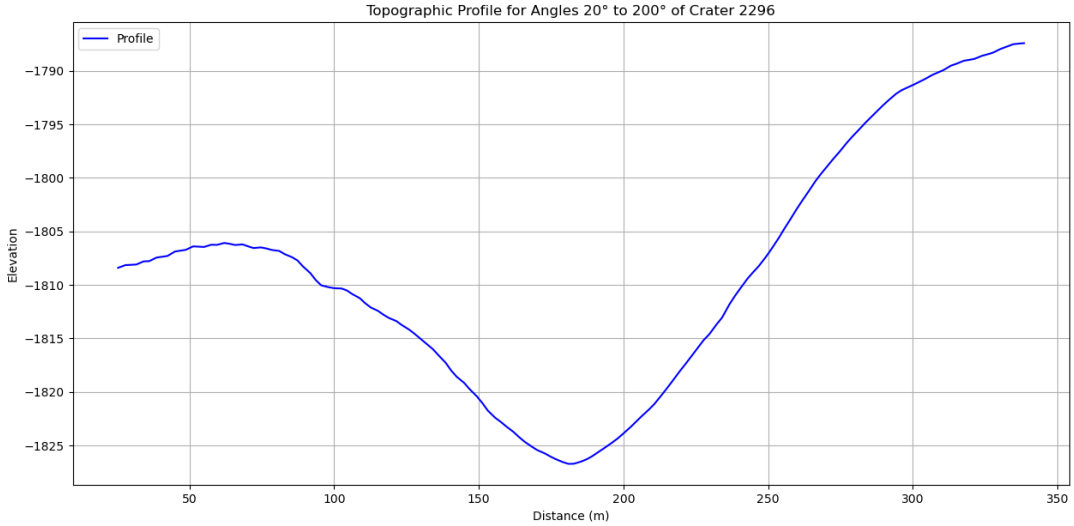
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

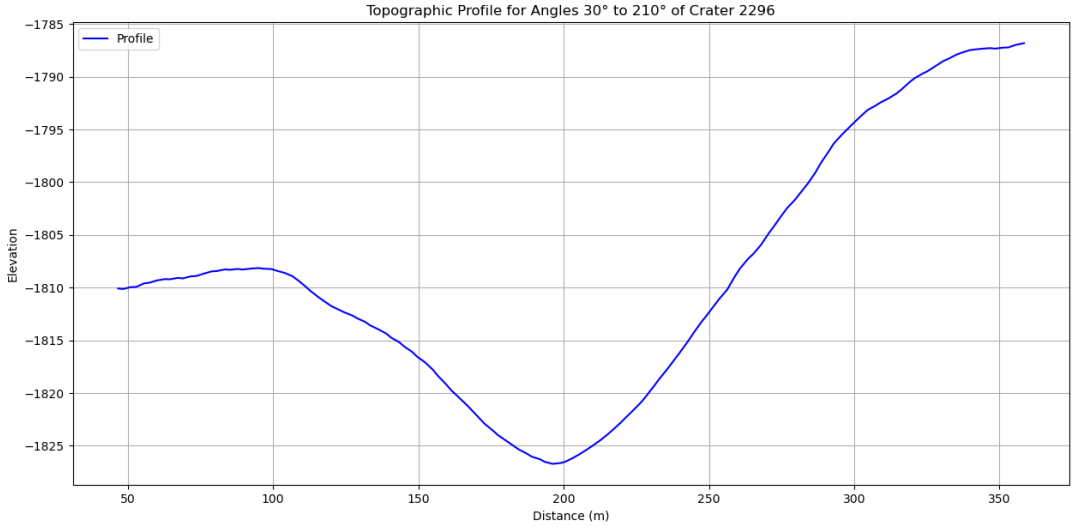


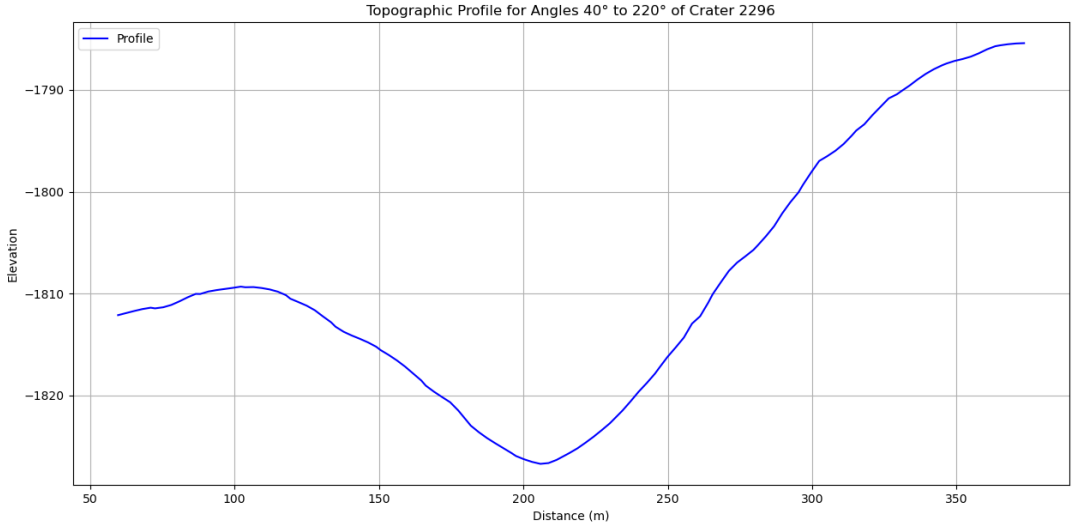
Topographic profiles

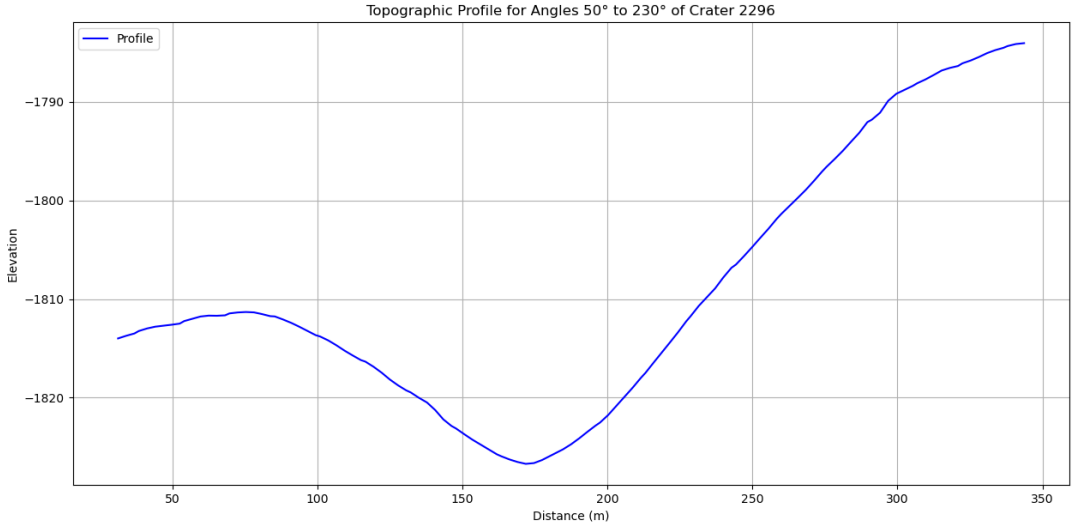


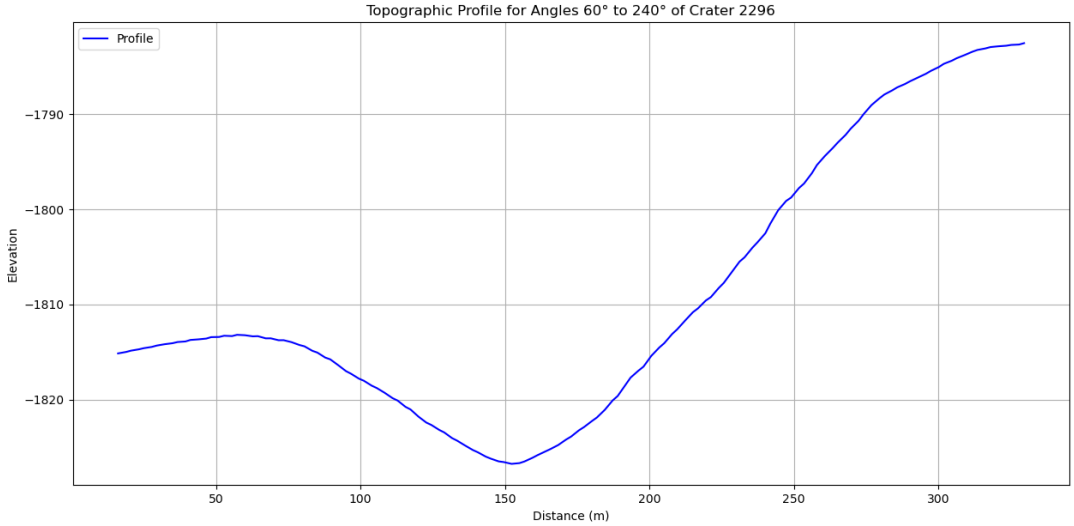

Topographic Profile for Angles 10° to 190° of Crater 2296
Profile
Elevation
Distance (m)
−1790
−1795
−1800
−1805
−1810
−1815
−1820
−1825
0
50
100
150
200
250
300

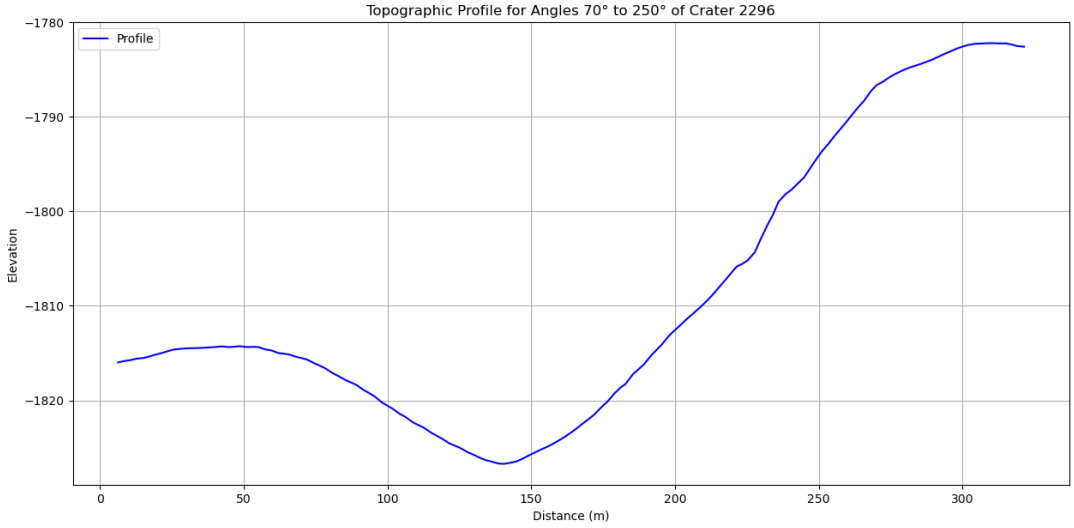

Topographic Profile for Angles 20° to 200° of Crater 2296
Profile
Elevation
Distance (m)
−1790
−1795
−1800
−1805
−1810
−1815
−1820
−1825
50
100
150
200
250
300
350

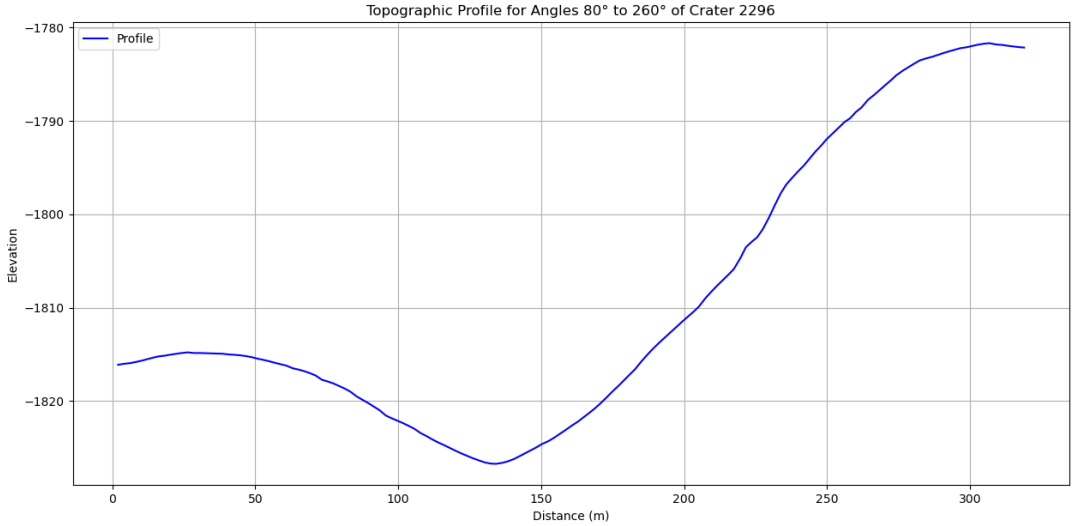

Topographic Profile for Angles 30° to 210° of Crater 2296
Profile
Elevation
Distance (m)
−1785
−1790
−1795
−1800
−1805
−1810
−1815
−1820
−1825
50
100
150
200
250
300
350

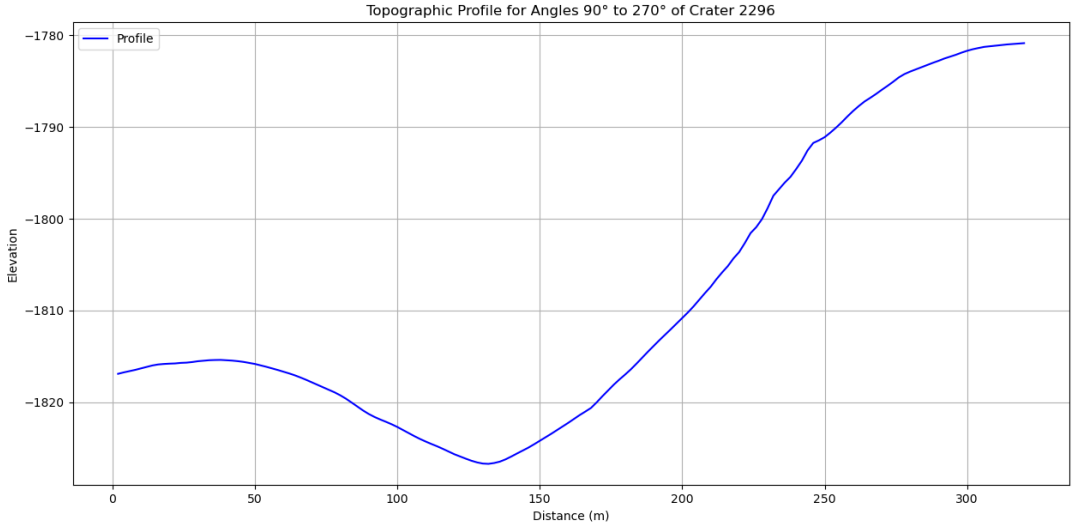

Topographic Profile for Angles 40° to 220° of Crater 2296
Profile
Elevation
Distance (m)
−1790
−1800
−1810
−1820
50
100
150
200
250
300
350

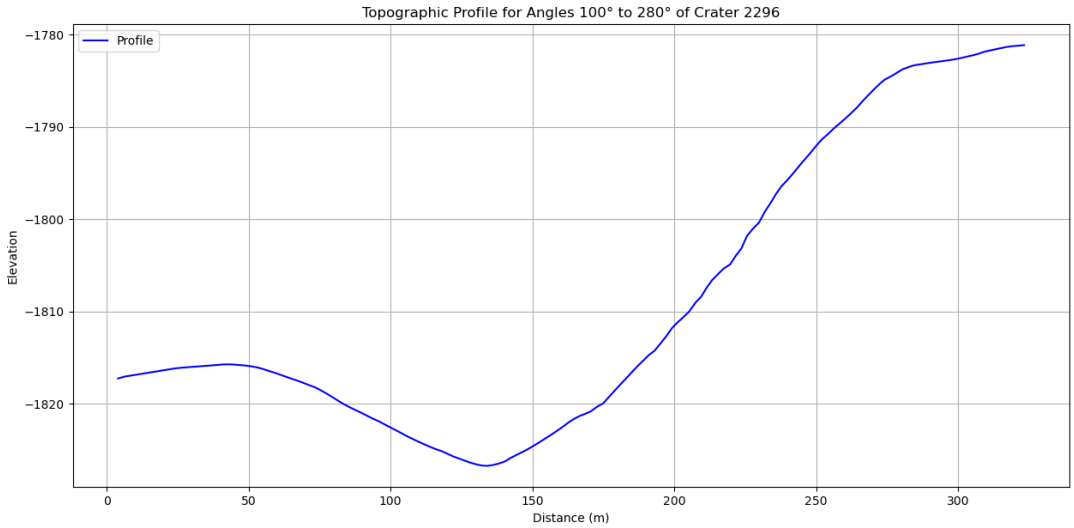

Topographic Profile for Angles 50° to 230° of Crater 2296
Profile
Elevation
−1790
−1800
−1810
−1820
50
100
150
200
250
300
350
Distance (m)

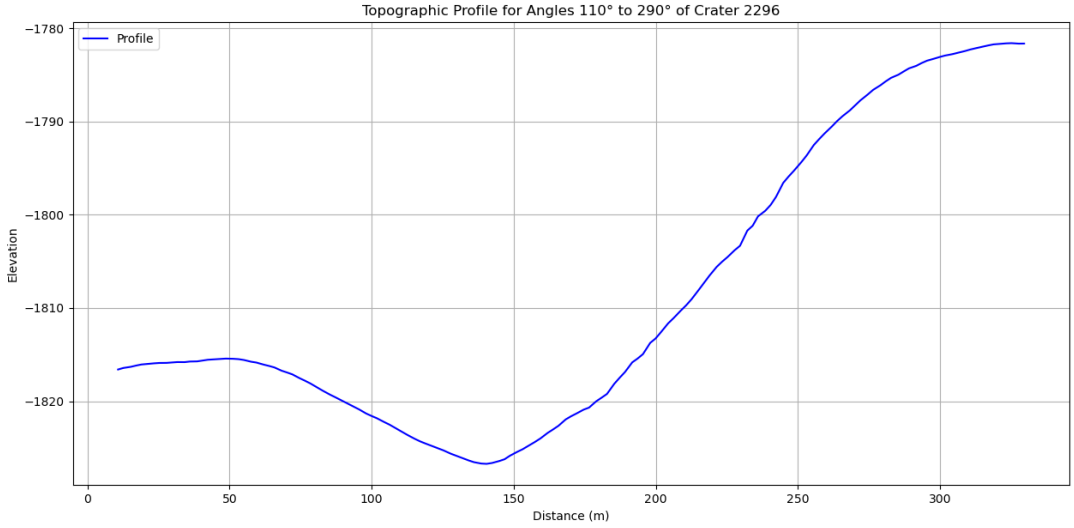

Topographic Profile for Angles 60° to 240° of Crater 2296
Profile
Elevation
−1790
−1800
−1810
−1820
50
100
150
200
250
300
Distance (m)

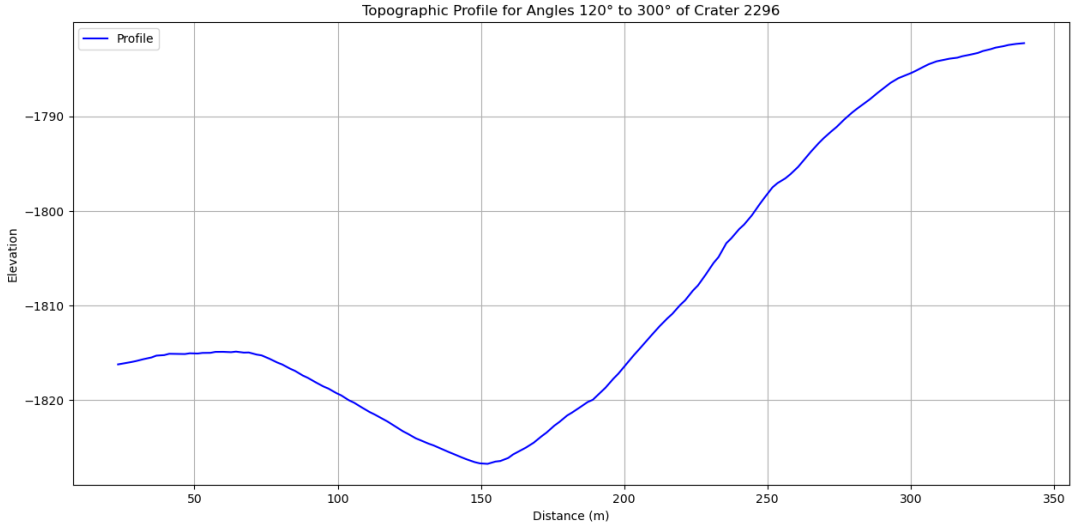

Topographic Profile for Angles 70° to 250° of Crater 2296
Profile
Elevation
Distance (m)
−1780
−1790
−1800
−1810
−1820
0
50
100
150
200
250
300

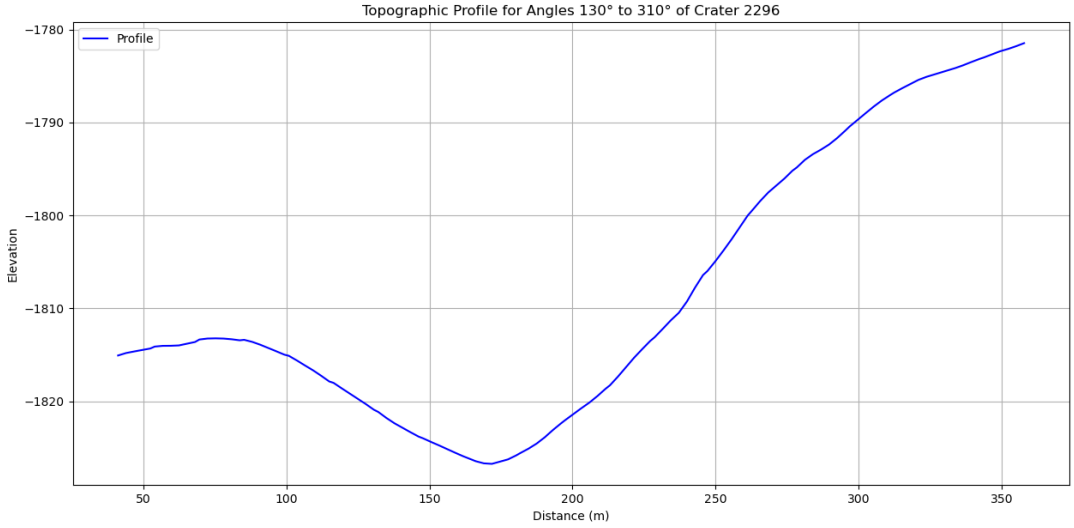

Topographic Profile for Angles 80° to 260° of Crater 2296
Profile
Elevation
Distance (m)
−1780
−1790
−1800
−1810
−1820
0
50
100
150
200
250
300

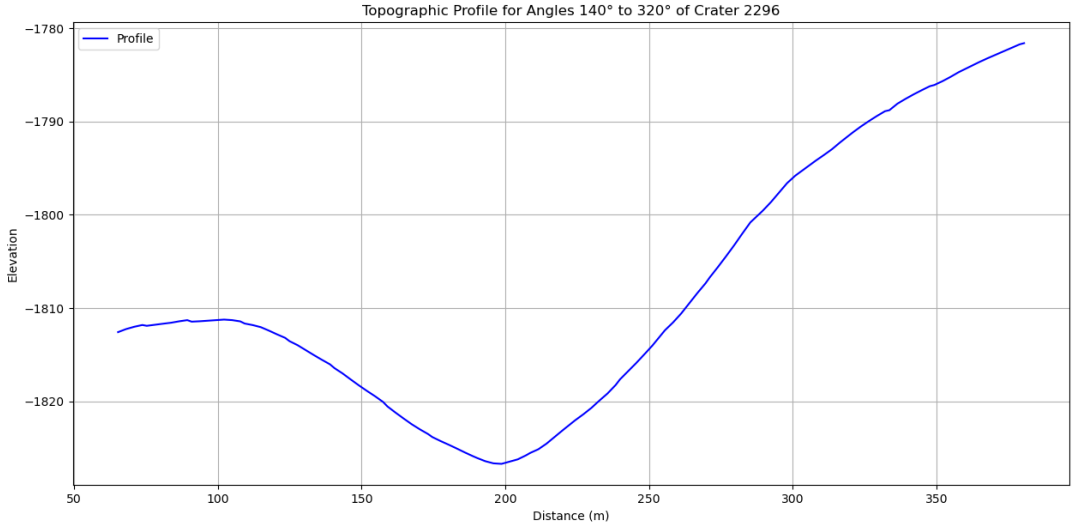

Topographic Profile for Angles 90° to 270° of Crater 2296
Profile
Elevation
−1780
−1790
−1800
−1810
−1820
0
50
100
150
200
250
300
Distance (m)

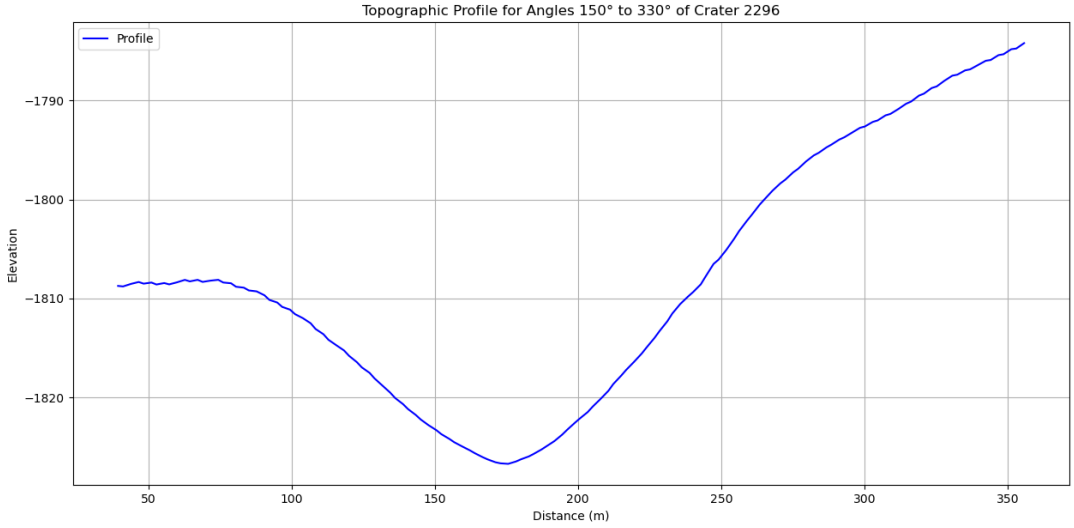

Topographic Profile for Angles 100° to 280° of Crater 2296
Profile
Elevation
−1780
−1790
−1800
−1810
−1820
0
50
100
150
200
250
300
Distance (m)

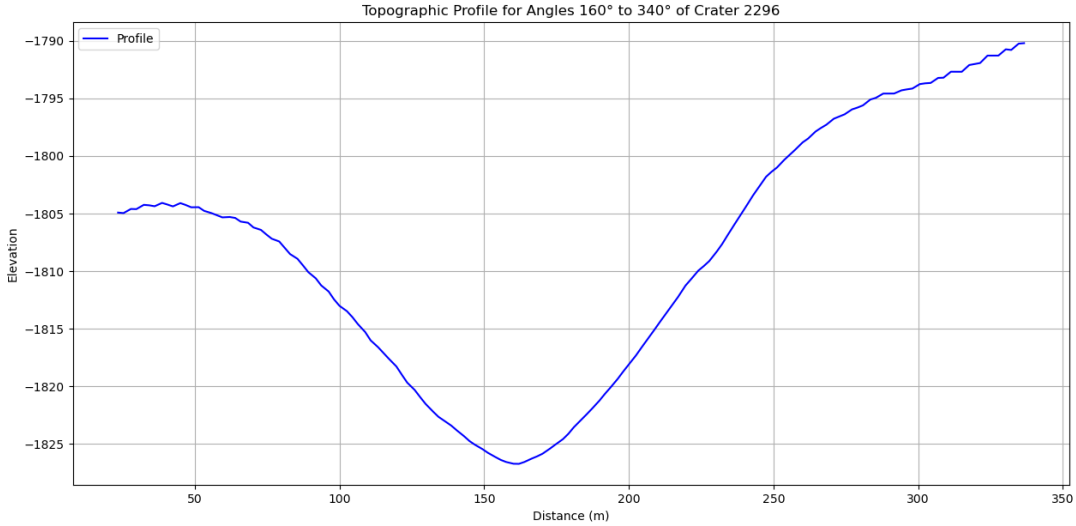

Topographic Profile for Angles 110° to 290° of Crater 2296
Profile
Elevation
−1780
−1790
−1800
−1810
−1820
0
50
100
150
200
250
300
Distance (m)

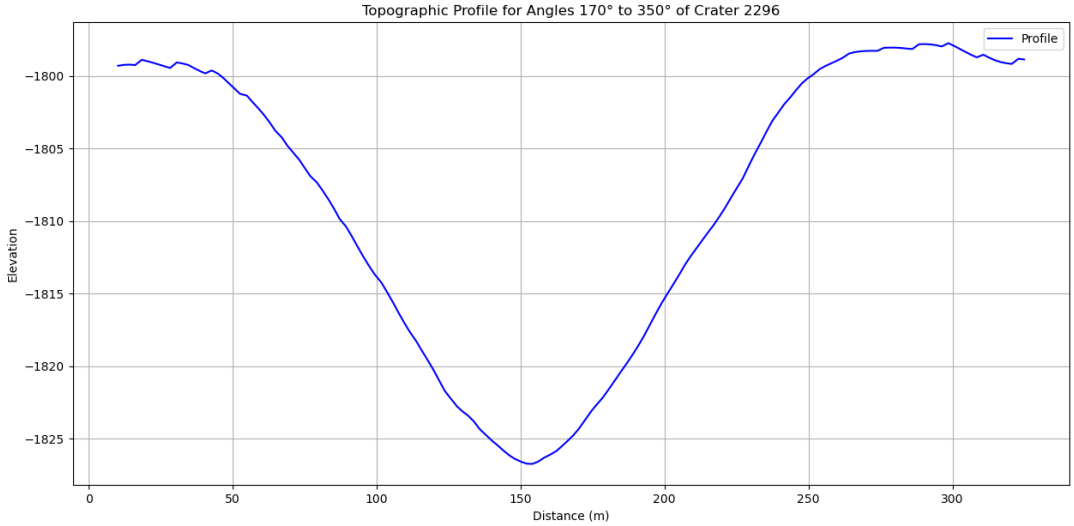

Topographic Profile for Angles 120° to 300° of Crater 2296
Profile
Elevation
−1790
−1800
−1810
−1820
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 2296
Profile
Elevation
−1780
−1790
−1800
−1810
−1820
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2296
Profile
Elevation
−1780
−1790
−1800
−1810
−1820
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2296
Profile
−1790
−1800
−1810
−1820
Elevation
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 2296
Profile
−1790
−1795
−1800
−1805
−1810
−1815
−1820
−1825
Elevation
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 2296
Profile
Elevation
−1800
−1805
−1810
−1815
−1820
−1825
0
50
100
150
200
250
300
Distance (m)