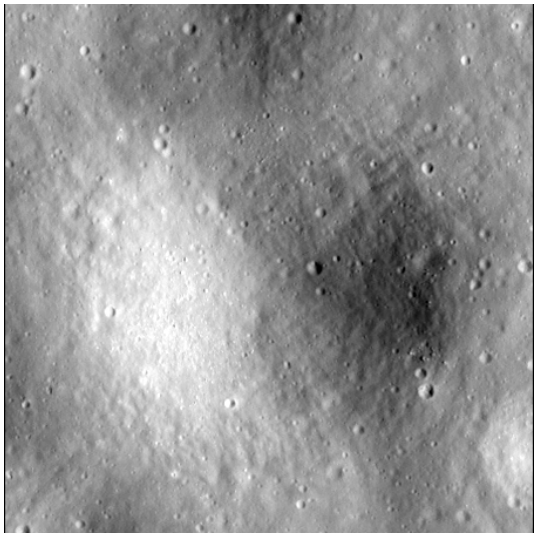
Crater report 2298 of RG2

General information



ID : 2298

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : B - BC

Mean Diameter : 247m ± 9.0m

Mean depht : 23.9m ± 0.9m

d/D ratio : 0.097 ± 0.005

Circularity index : 0.92

Slope : Between 11.4° et 18.69°

Mean value of TRI on the rim crest : 0.23

Geometric center coordinates : (3656403.466958864, 218212.45697864276)

Coordinates of the crater's lowest point : (3656403.0000011004, 218213.00000006435)

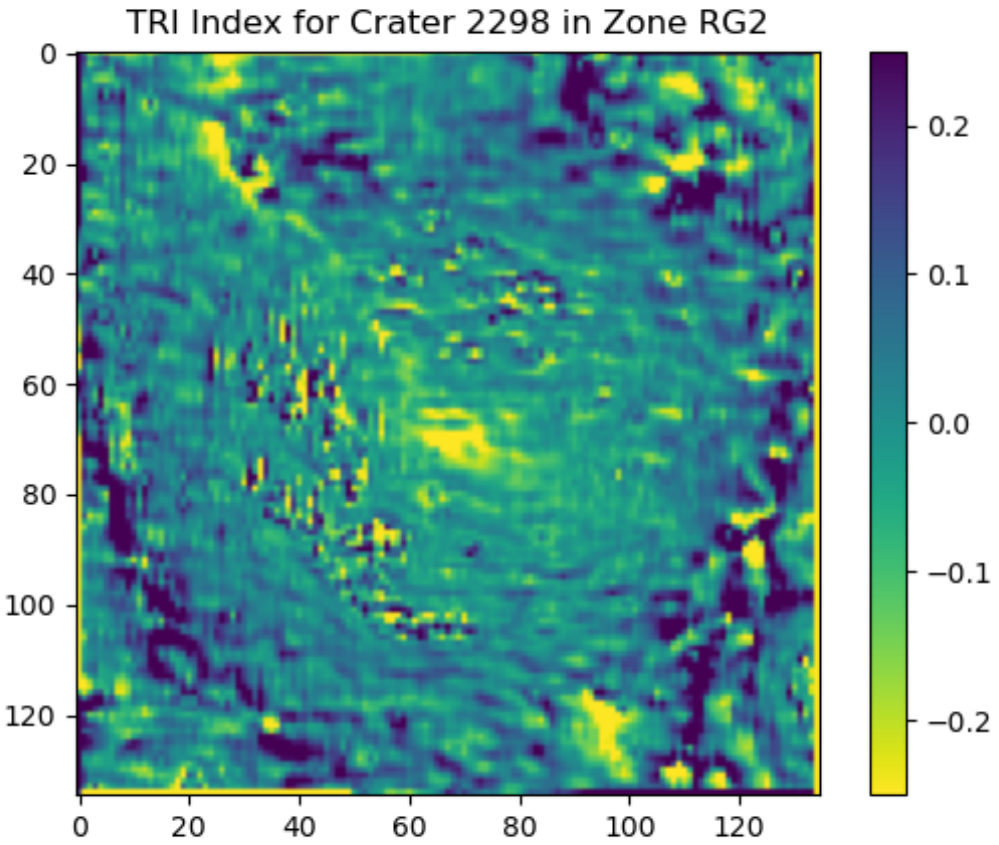
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	15.77	0.56
10°	15.63	0.53
20°	15.41	0.51
30°	15.19	0.47
40°	14.86	0.43
50°	14.46	0.43
60°	13.19	0.48
70°	12.69	0.51
80°	12.5	0.54
90°	13.81	0.56
100°	13.65	0.54
110°	12.54	0.51

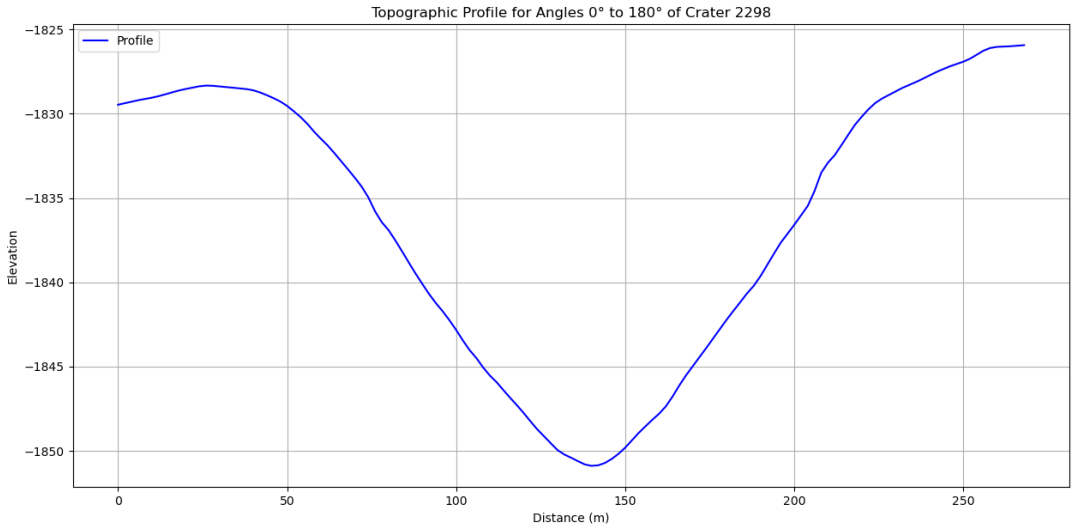
120°	12.52	0.48
130°	13.18	0.43
140°	13.11	0.43
150°	12.89	0.48
160°	13.66	0.5
170°	14.83	0.54
180°	16.51	0.56
190°	16.94	0.54
200°	16.98	0.5
210°	17.69	0.47
220°	18.53	0.42
230°	18.69	0.42
240°	17.93	0.47
250°	18.2	0.51
260°	18.17	0.54
270°	18.57	0.56
280°	17.32	0.53
290°	15.32	0.51
300°	14.08	0.47
310°	12.88	0.43
320°	11.4	0.43
330°	11.66	0.48
340°	12.64	0.51
350°	14.18	0.54

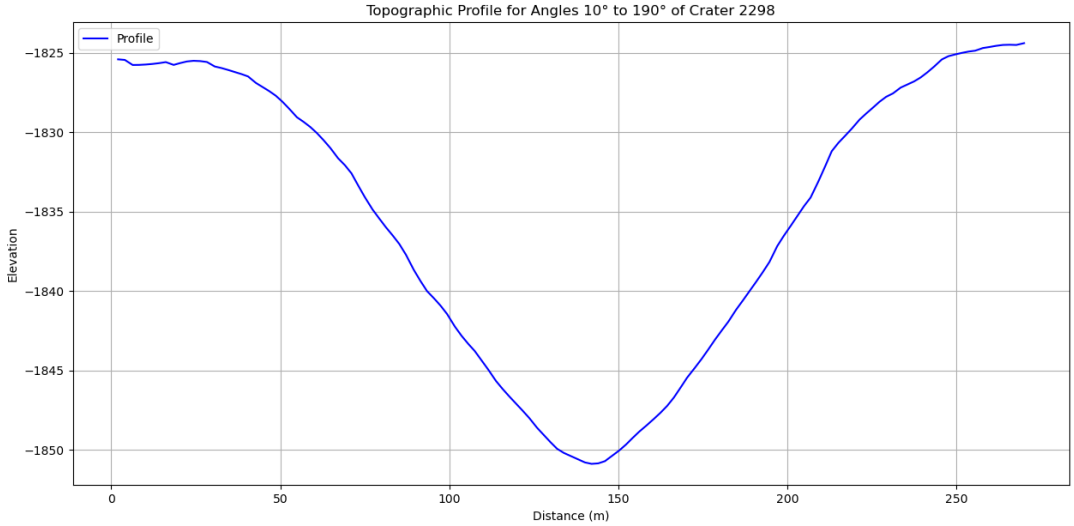
Topographic roughness index (TRI)

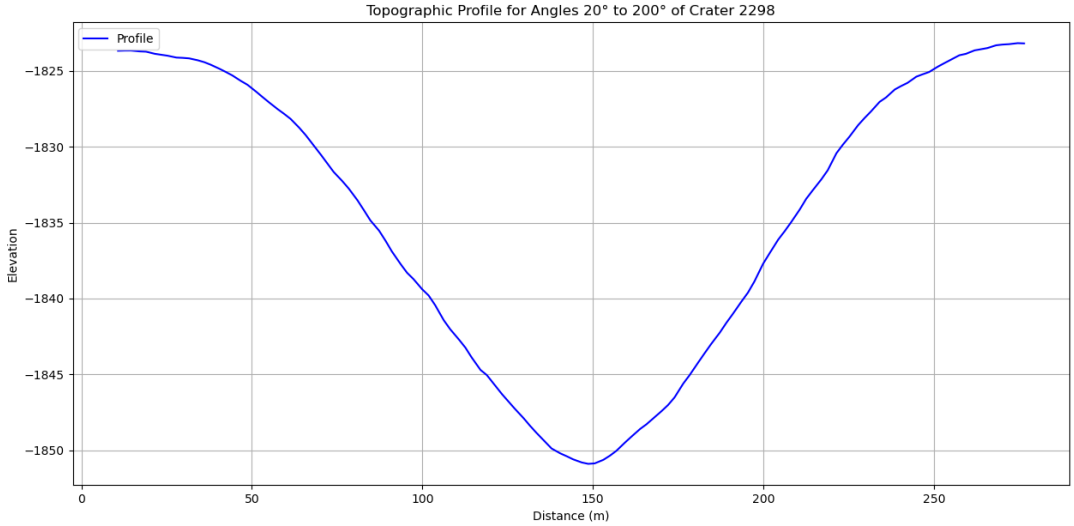
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

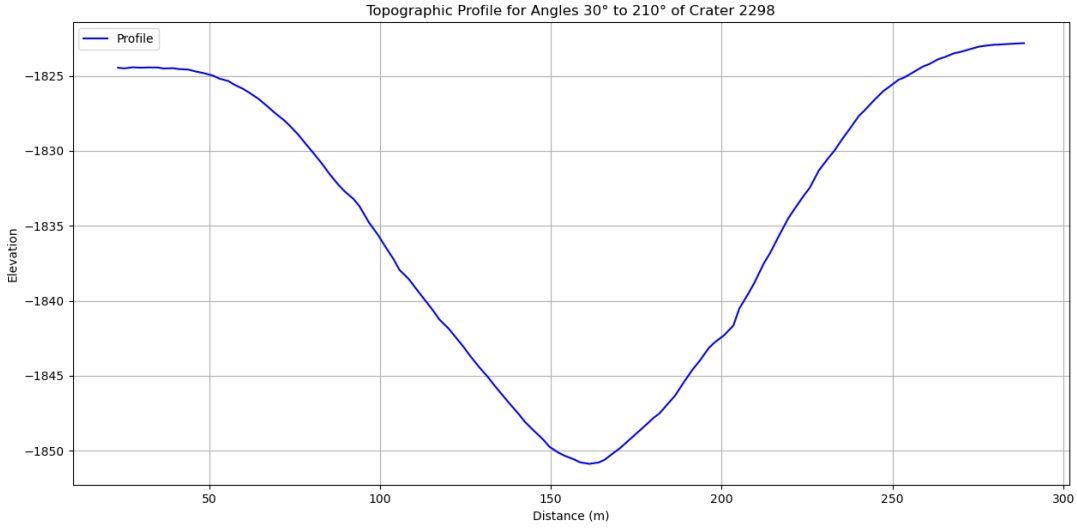


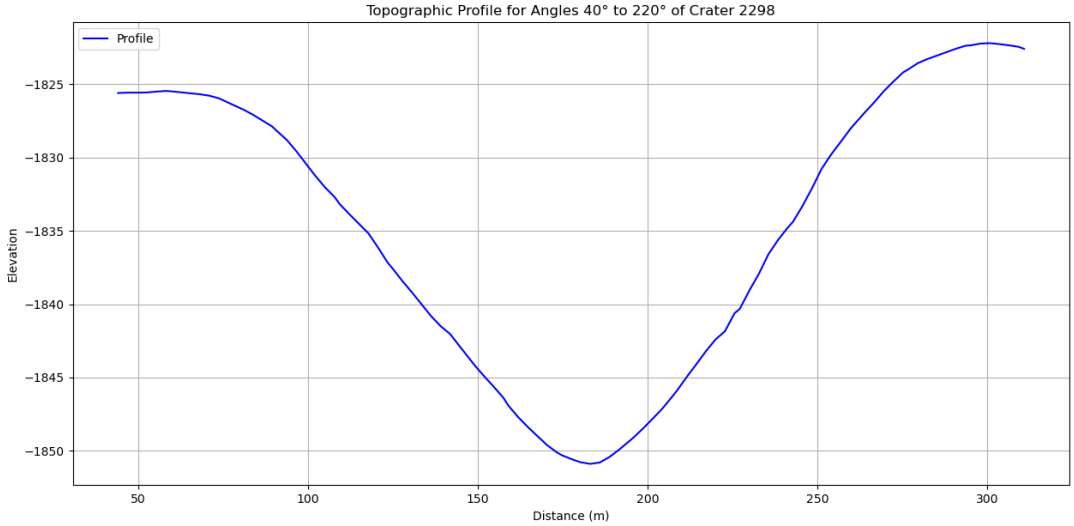
Topographic profiles

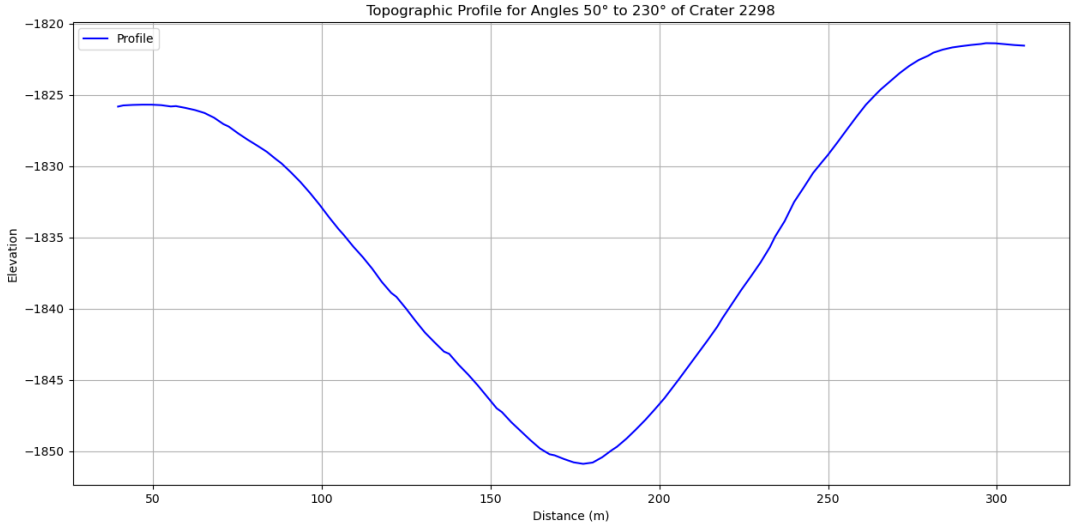



Topographic Profile for Angles 10° to 190° of Crater 2298
Profile
Elevation
Distance (m)
−1825
−1830
−1835
−1840
−1845
−1850
0
50
100
150
200
250


Topographic Profile for Angles 20° to 200° of Crater 2298
Profile
Elevation
Distance (m)
−1825
−1830
−1835
−1840
−1845
−1850
0
50
100
150
200
250


Topographic Profile for Angles 30° to 210° of Crater 2298
Profile
Elevation
Distance (m)
−1825
−1830
−1835
−1840
−1845
−1850
50
100
150
200
250
300


Topographic Profile for Angles 40° to 220° of Crater 2298
Profile
Elevation
Distance (m)
−1825
−1830
−1835
−1840
−1845
−1850
50
100
150
200
250
300


Topographic Profile for Angles 50° to 230° of Crater 2298
Profile
Elevation
Distance (m)
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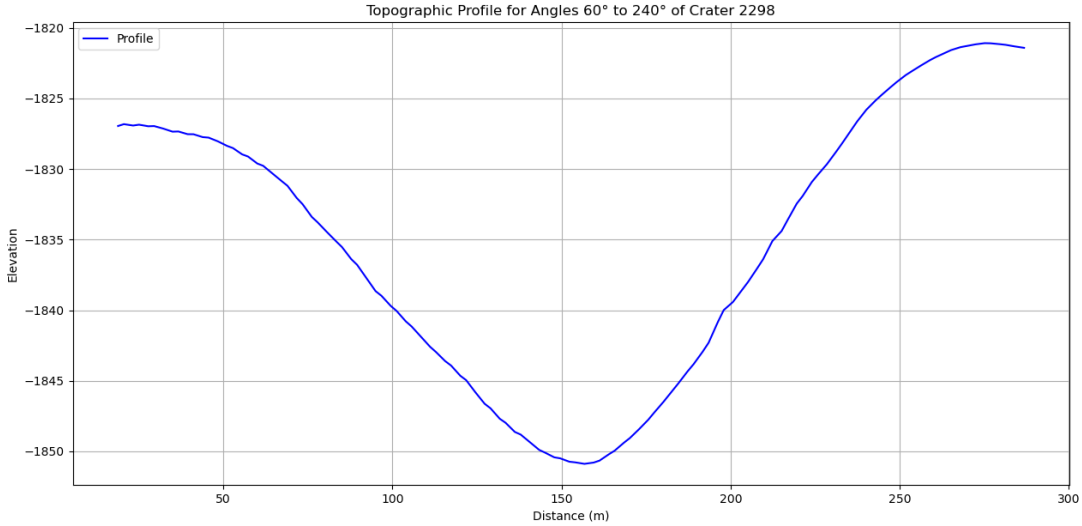
−1825
−1830
−1835
−1840
−1845
−1850
50
100
150
200
250
300


Topographic Profile for Angles 60° to 240° of Crater 2298
Profile
Elevation
Distance (m)
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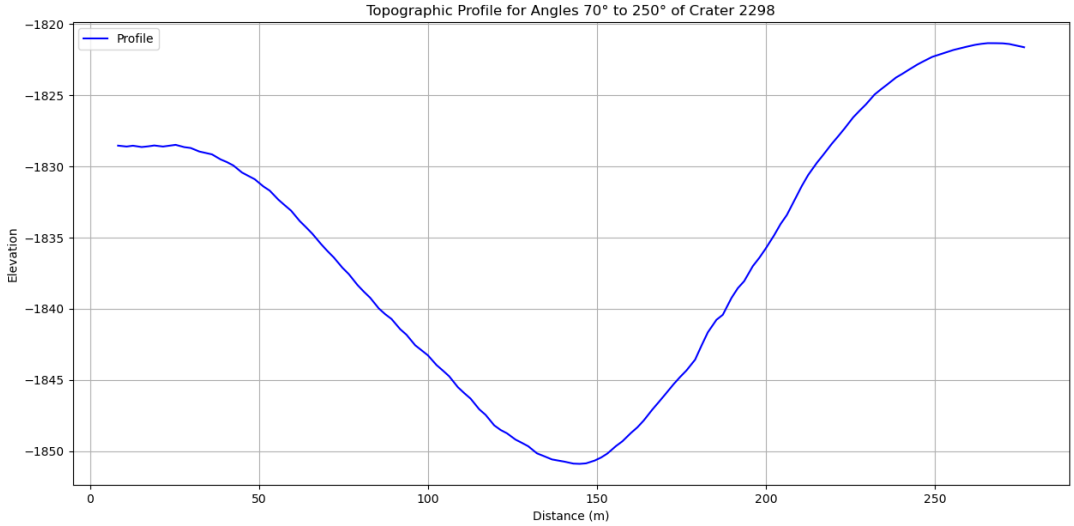
−1825
−1830
−1835
−1840
−1845
−1850
50
100
150
200
250
300


Topographic Profile for Angles 70° to 250° of Crater 2298
Profile
Elevation
Distance (m)
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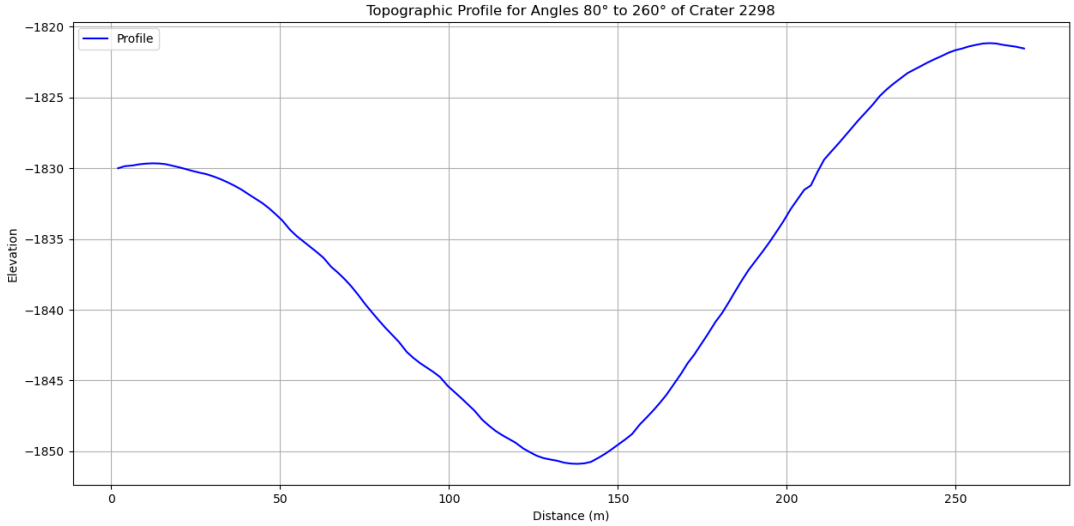
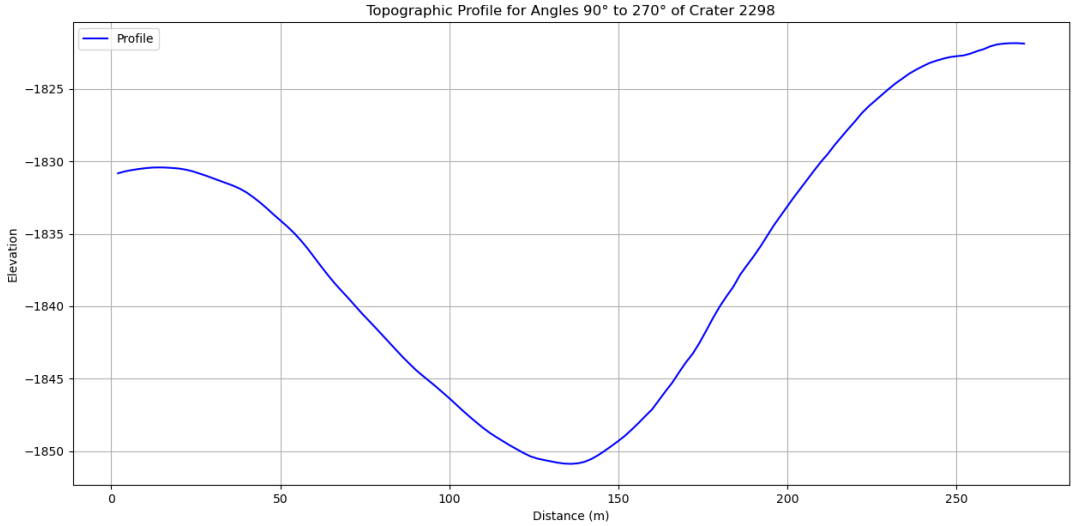
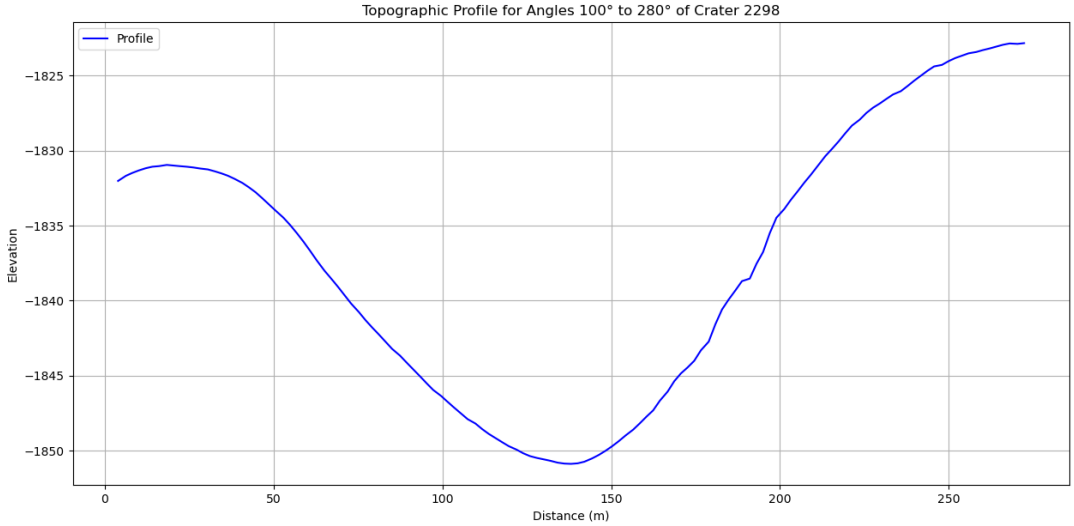
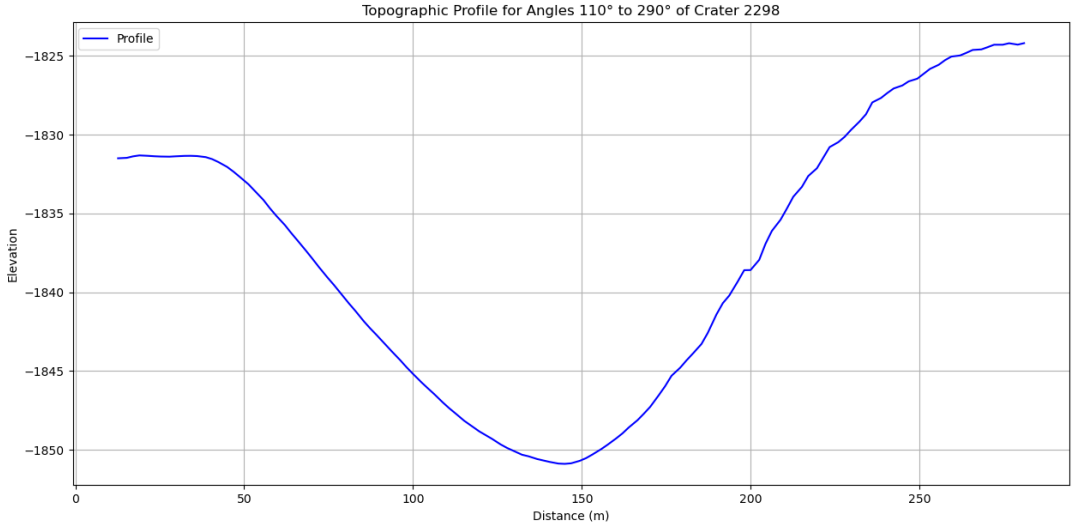
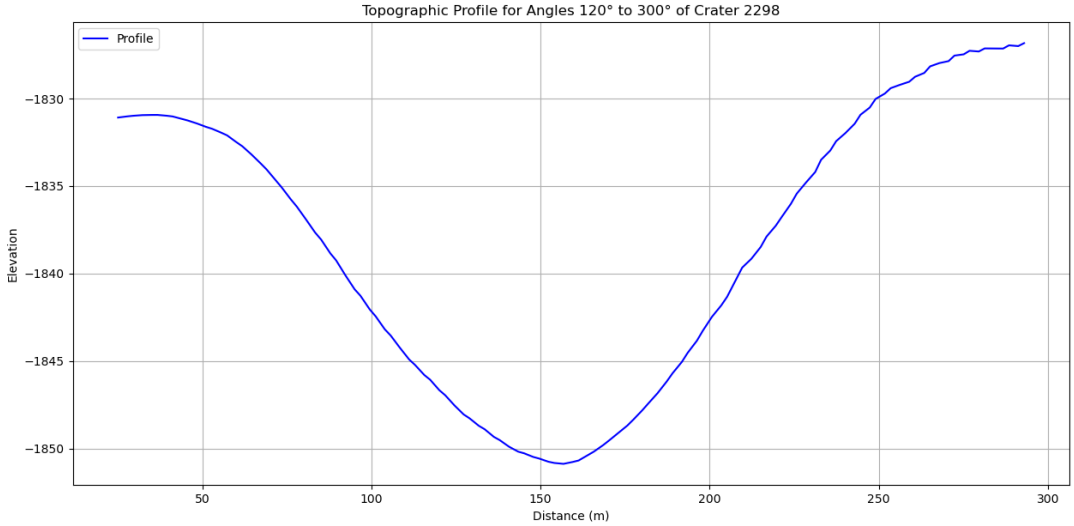
−1825
−1830
−1835
−1840
−1845
−1850
0
50
100
150
200
250

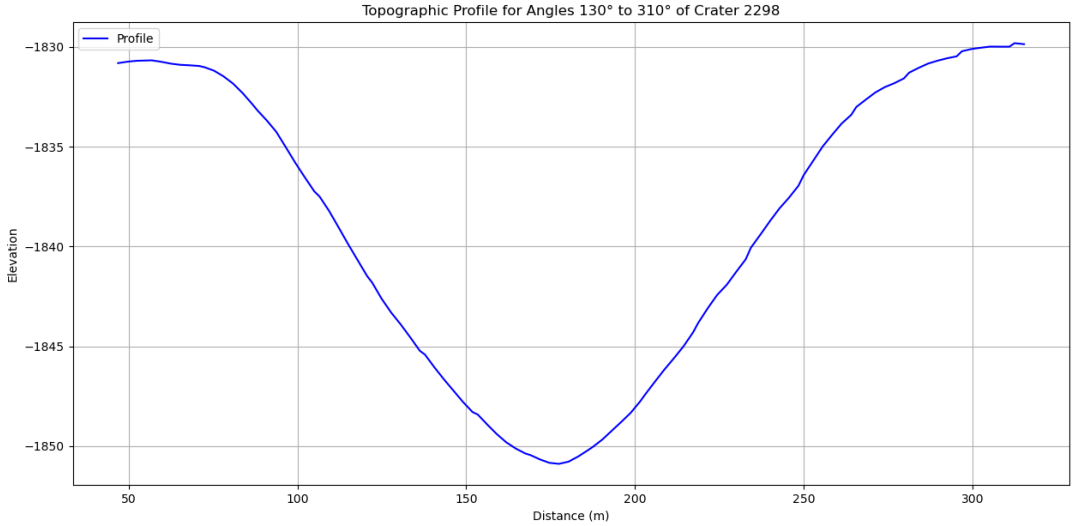

Topographic Profile for Angles 80° to 260° of Crater 2298
Profile
Elevation
Distance (m)
−1820
−1825
−1830
−1835
−1840
−1845
−1850
0
50
100
150
200
250

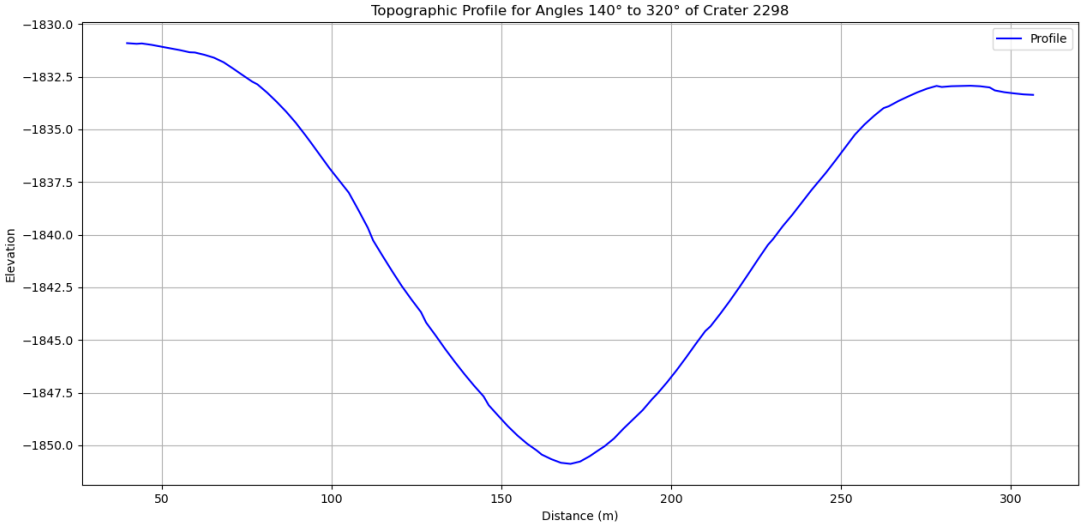

Topographic Profile for Angles 90° to 270° of Crater 2298
Profile
Elevation
−1825
−1830
−1835
−1840
−1845
−1850
0
50
100
150
200
250
Distance (m)

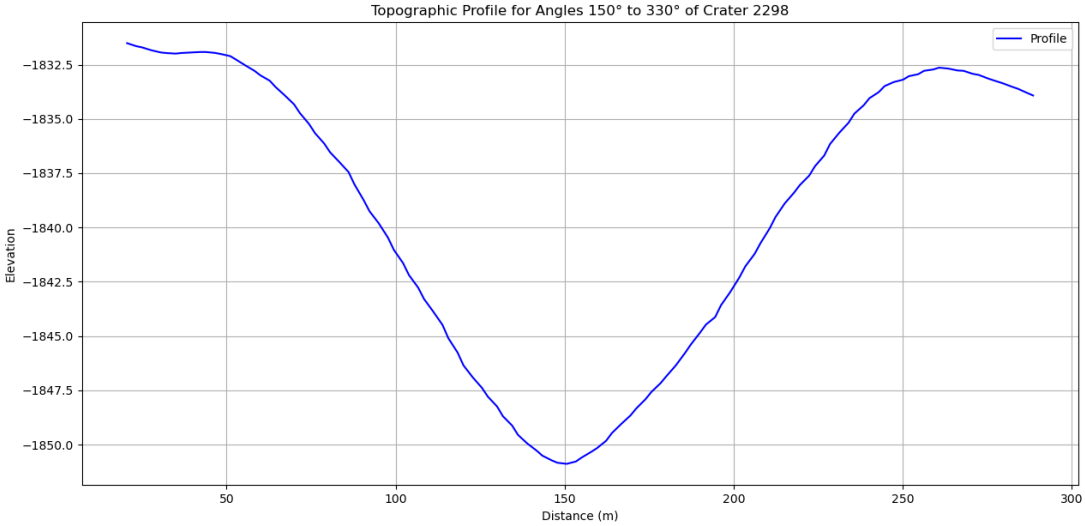

Topographic Profile for Angles 100° to 280° of Crater 2298
Profile
Elevation
−1825
−1830
−1835
−1840
−1845
−1850
0
50
100
150
200
250
Distance (m)

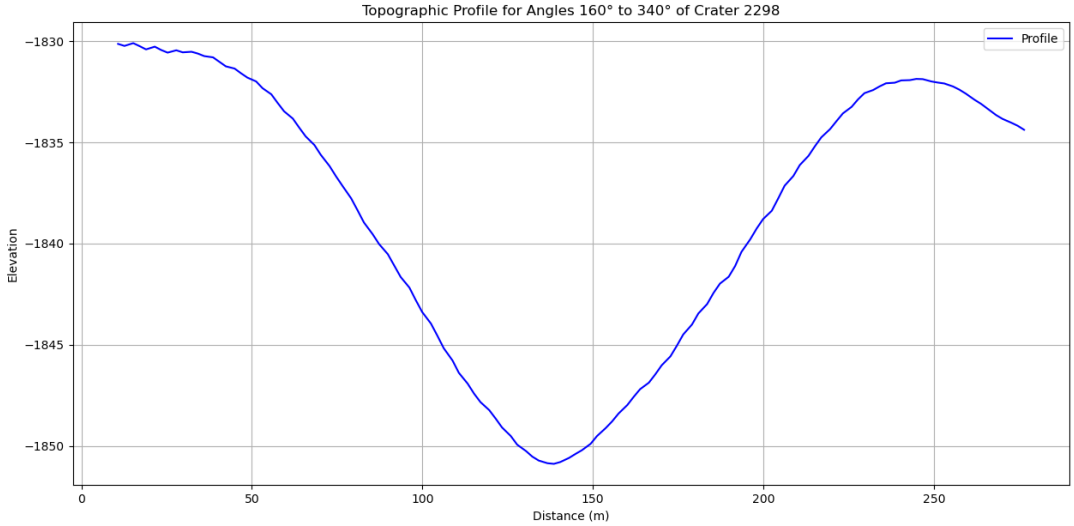

Topographic Profile for Angles 110° to 290° of Crater 2298
Profile
Elevation
Distance (m)
−1825
−1830
−1835
−1840
−1845
−1850
0
50
100
150
200
250

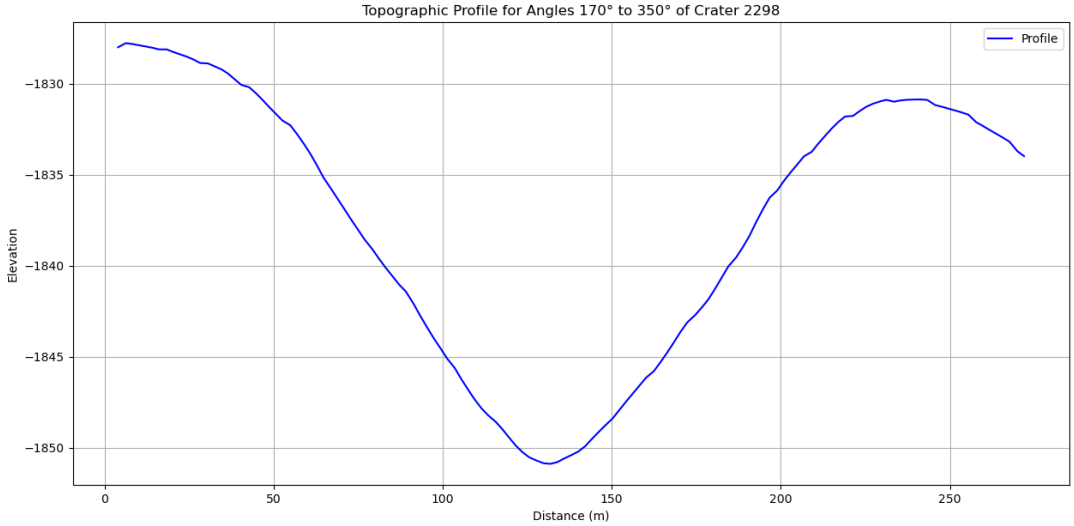

Topographic Profile for Angles 120° to 300° of Crater 2298
Profile
Elevation
Distance (m)
−1830
−1835
−1840
−1845
−1850
50
100
150
200
250
300


Topographic Profile for Angles 130° to 310° of Crater 2298
Profile
Elevation
Distance (m)
−1830
−1835
−1840
−1845
−1850
50
100
150
200
250
300


Topographic Profile for Angles 140° to 320° of Crater 2298
Profile
Elevation
Distance (m)
−1830.0
−1832.5
−1835.0
−1837.5
−1840.0
−1842.5
−1845.0
−1847.5
−1850.0
50
100
150
200
250
300


Topographic Profile for Angles 150° to 330° of Crater 2298
Profile
Elevation
Distance (m)
−1832.5
−1835.0
−1837.5
−1840.0
−1842.5
−1845.0
−1847.5
−1850.0
50
100
150
200
250
300


Topographic Profile for Angles 160° to 340° of Crater 2298
Profile
Elevation
Distance (m)
−1830
−1835
−1840
−1845
−1850
0
50
100
150
200
250


Topographic Profile for Angles 170° to 350° of Crater 2298
Profile
Elevation
−1830
−1835
−1840
−1845
−1850
0
50
100
150
200
250
Distance (m)