Crater report 2629 of RG2

General information

ID : 2629

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 114m ± 6.0m

Mean depht : 4.1m ± 0.3m

d/D ratio : 0.036 ± 0.003

Circularity index : 0.91

Mean slope : 4.45°

Mean value of TRI on the rim crest : 0.19

Geometric center coordinates : (3655526.384211851, 216496.2313226776)

Coordinates of the crater's lowest point : (3655531.0000011, 216499.00000006382)

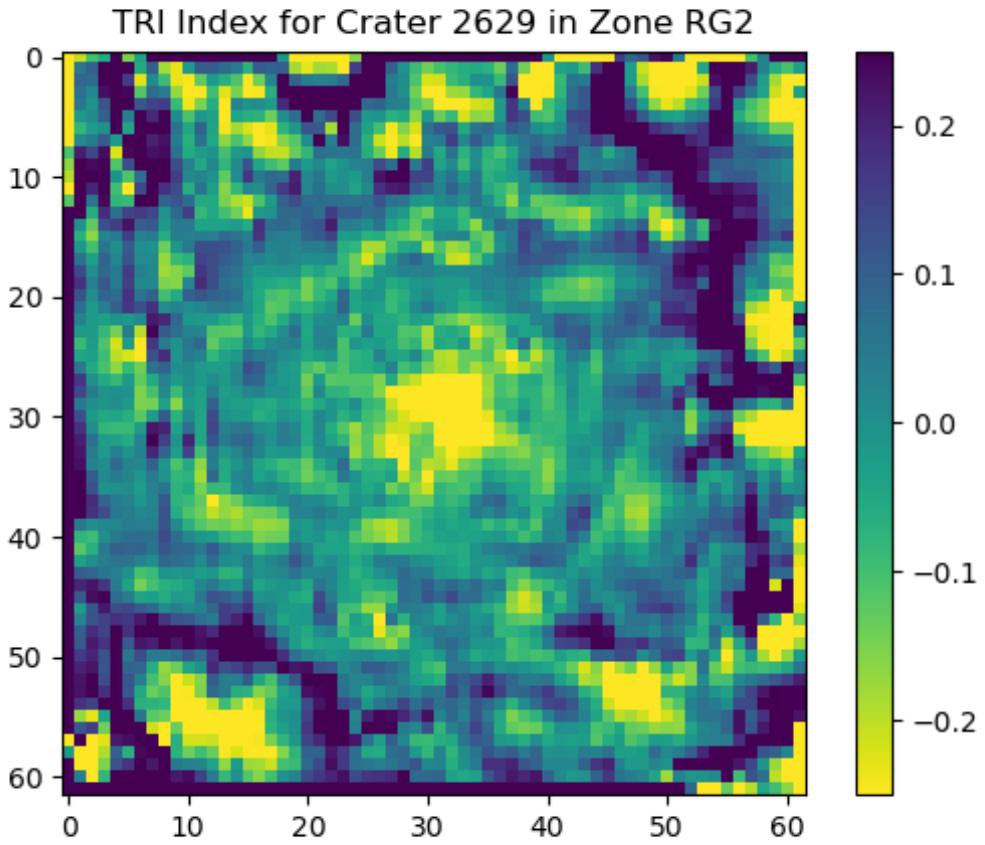
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	4.37	0.57
10°	4.06	0.54
20°	4.04	0.51
30°	4.04	0.48
40°	4.41	0.43
50°	4.57	0.43
60°	4.63	0.48
70°	4.65	0.51
80°	4.67	0.54
90°	4.79	0.57
100°	4.29	0.54
110°	3.86	0.51

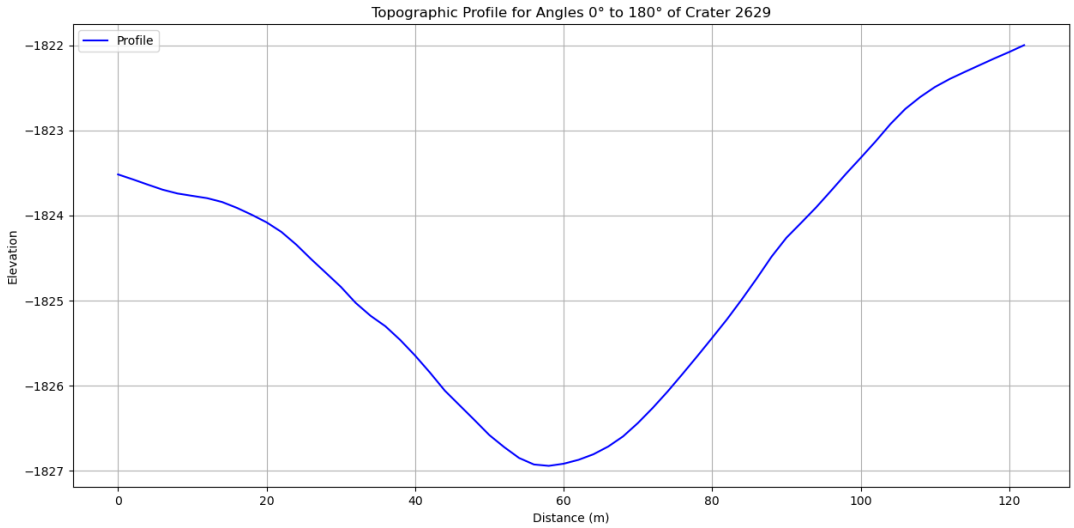
120°	3.79	0.47
130°	3.95	0.44
140°	4.2	0.43
150°	4.05	0.48
160°	4.04	0.52
170°	4.48	0.54
180°	4.94	0.57
190°	4.85	0.54
200°	4.7	0.51
210°	4.43	0.48
220°	4.66	0.42
230°	4.68	0.43
240°	4.49	0.48
250°	4.57	0.51
260°	4.76	0.55
270°	4.81	0.57
280°	4.65	0.54
290°	4.51	0.51
300°	4.62	0.48
310°	4.53	0.43
320°	4.75	0.44
330°	4.56	0.48
340°	4.35	0.51
350°	4.39	0.55

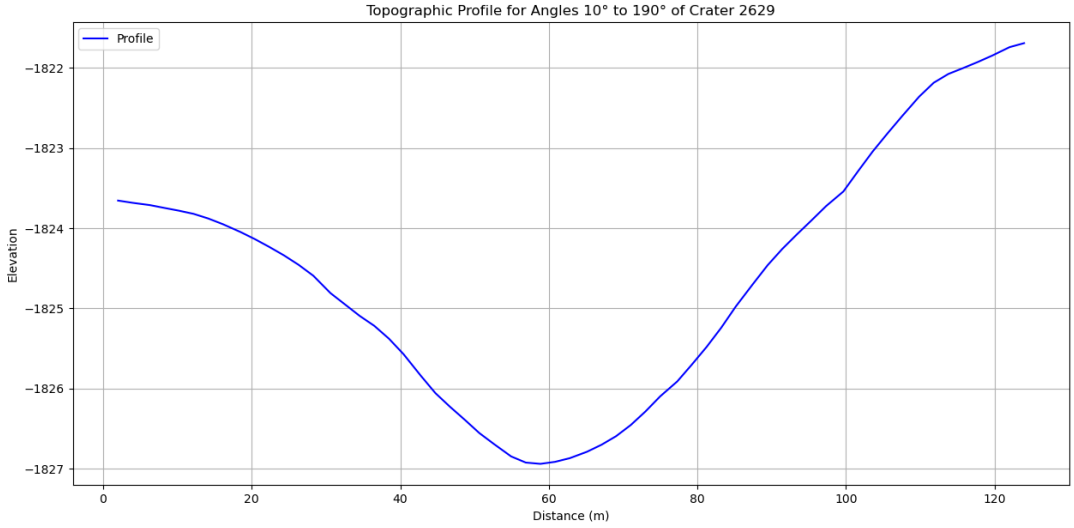
Topographic roughness index (TRI)

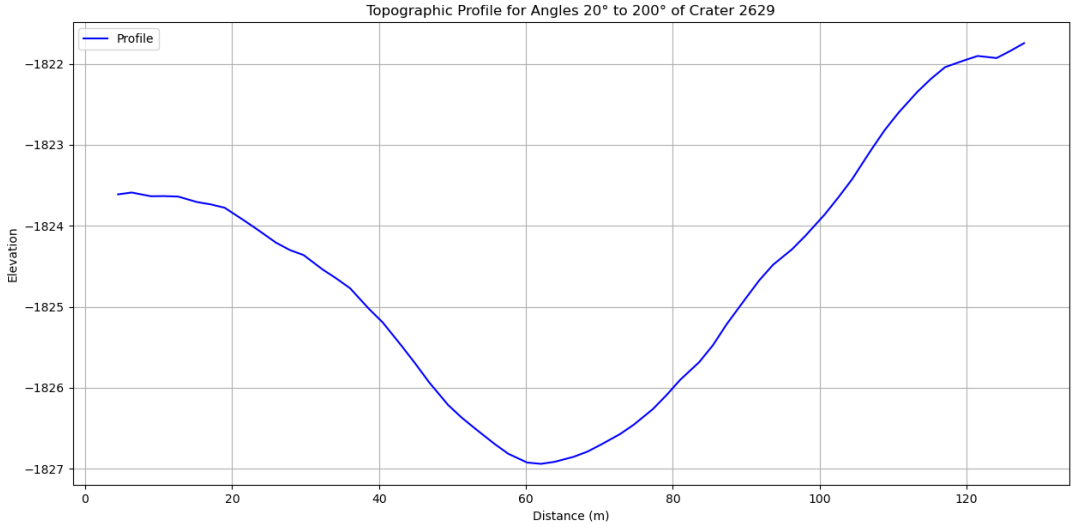
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

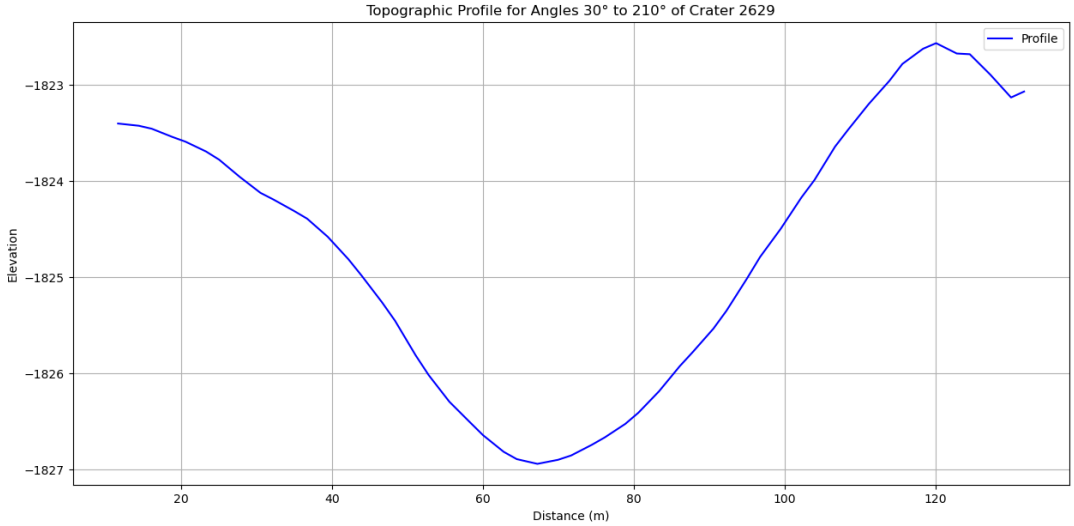


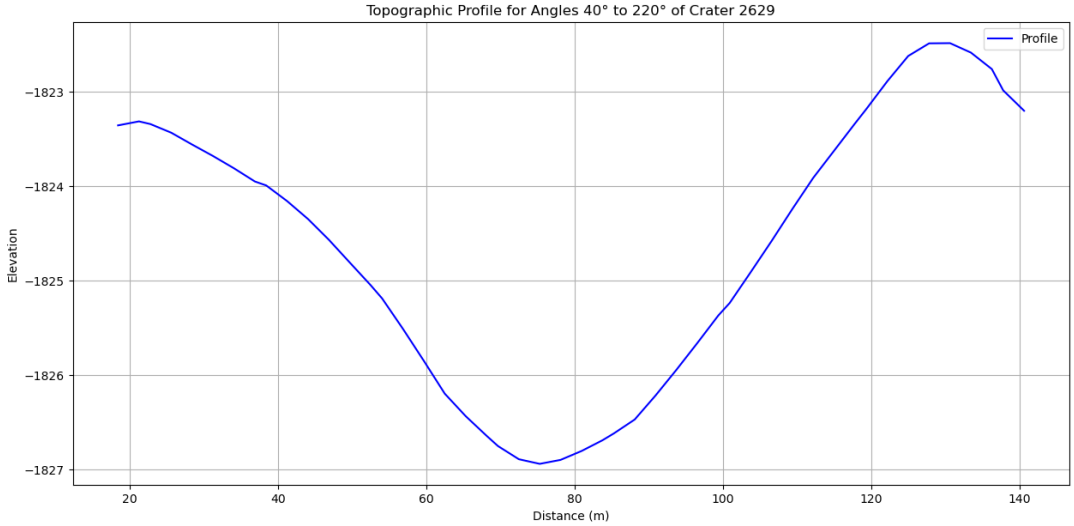
Topographic profiles

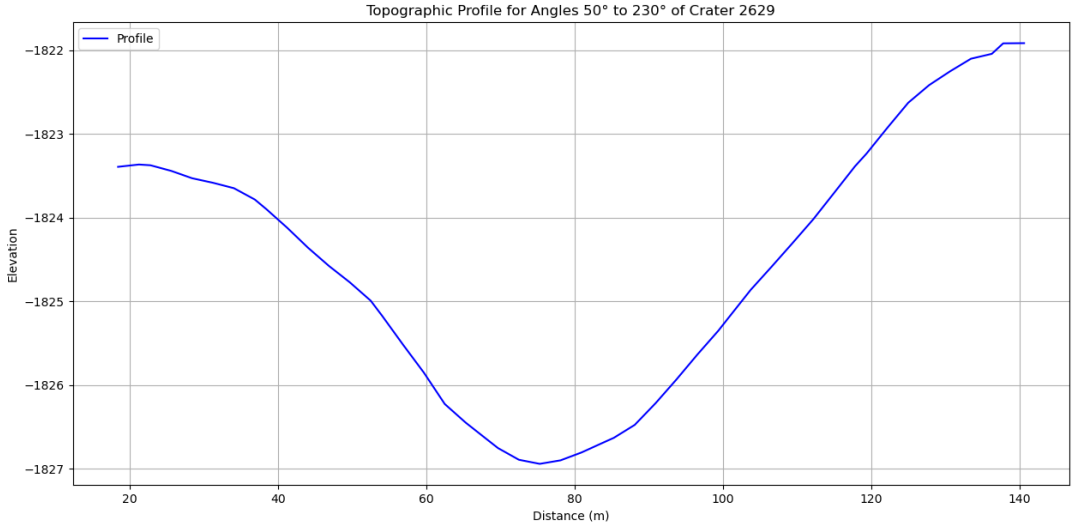


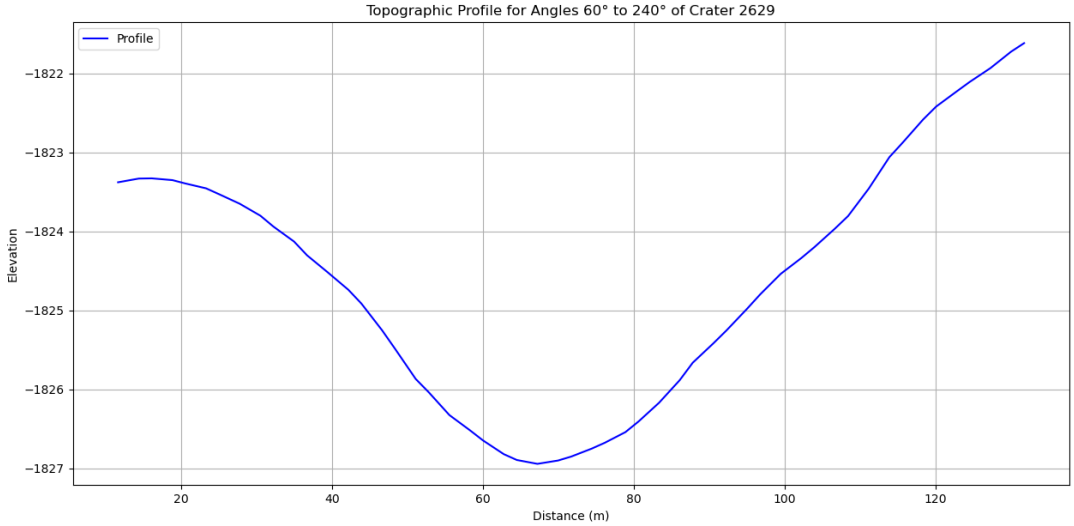

Topographic Profile for Angles 10° to 190° of Crater 2629
Profile
Elevation
Distance (m)
−1822
−1823
−1824
−1825
−1826
−1827
0
20
40
60
80
100
120

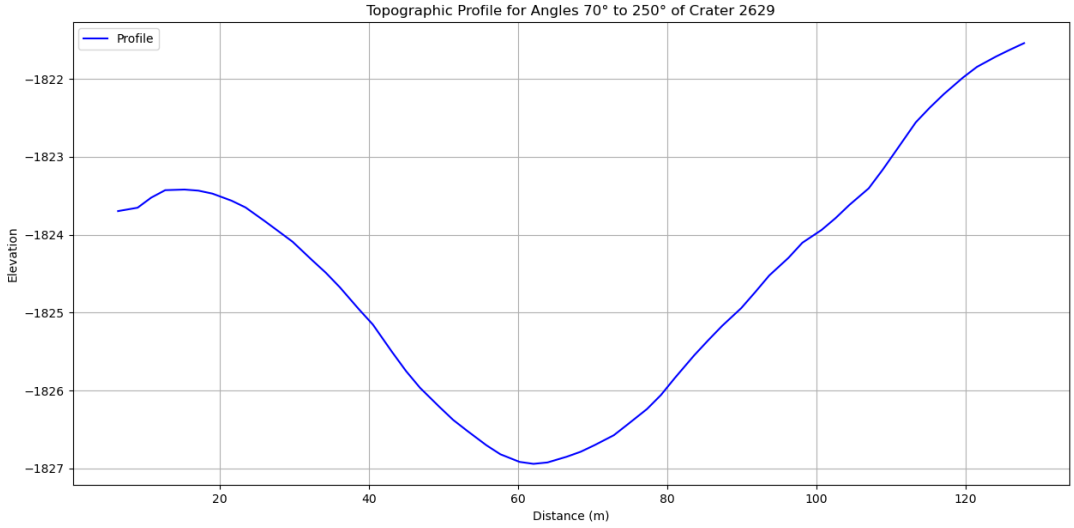

Topographic Profile for Angles 20° to 200° of Crater 2629
Profile
Elevation
Distance (m)
−1822
−1823
−1824
−1825
−1826
−1827
0
20
40
60
80
100
120

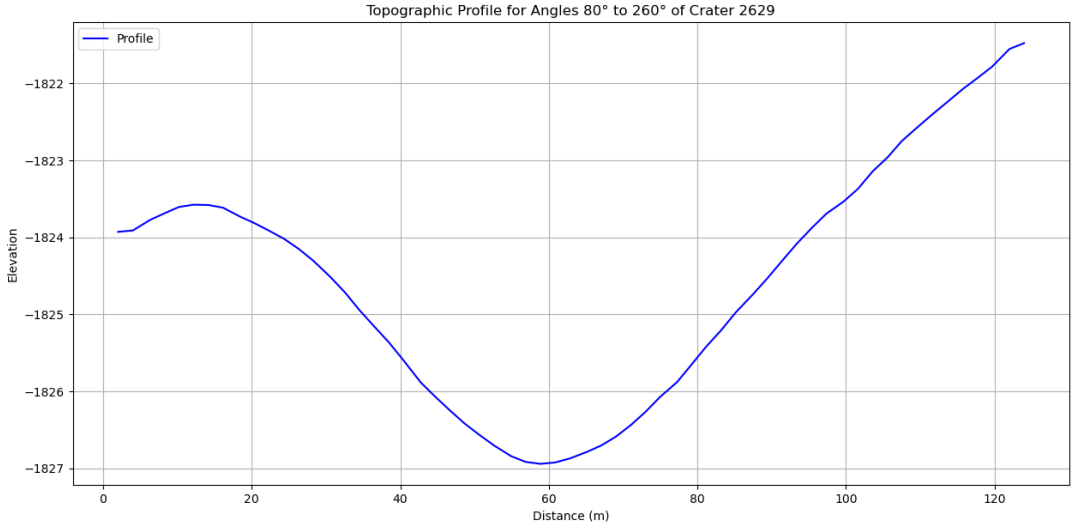

Topographic Profile for Angles 30° to 210° of Crater 2629
Profile
Elevation
−1823
−1824
−1825
−1826
−1827
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 40° to 220° of Crater 2629
Profile
Elevation
−1823
−1824
−1825
−1826
−1827
20
40
60
80
100
120
140
Distance (m)


Topographic Profile for Angles 50° to 230° of Crater 2629
Profile
Elevation
Distance (m)
−1822
−1823
−1824
−1825
−1826
−1827
20
40
60
80
100
120
140


Topographic Profile for Angles 60° to 240° of Crater 2629
Profile
Elevation
Distance (m)
−1822
−1823
−1824
−1825
−1826
−1827
20
40
60
80
100
120


Topographic Profile for Angles 70° to 250° of Crater 2629
Profile
Elevation
−1822
−1823
−1824
−1825
−1826
−1827
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 2629
Profile
Elevation
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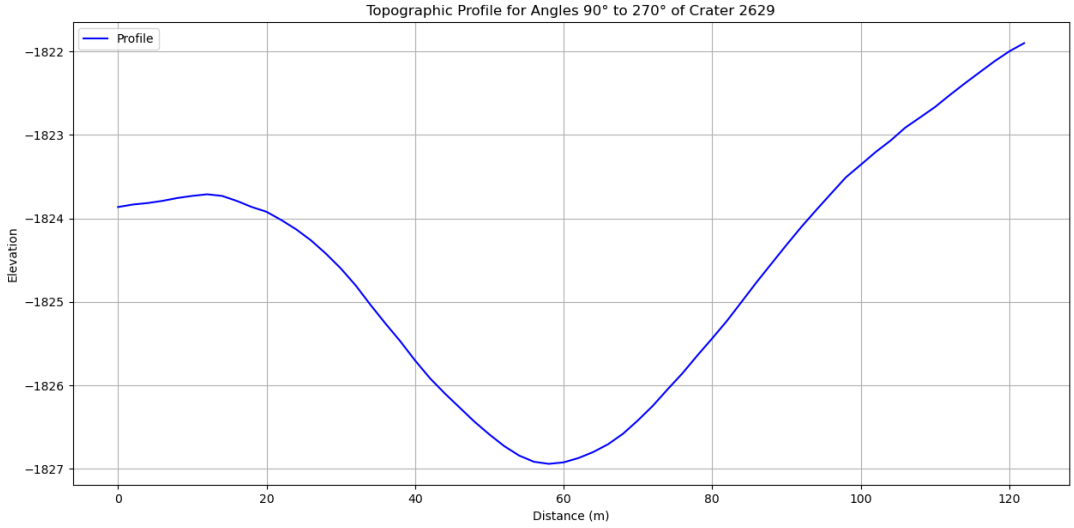
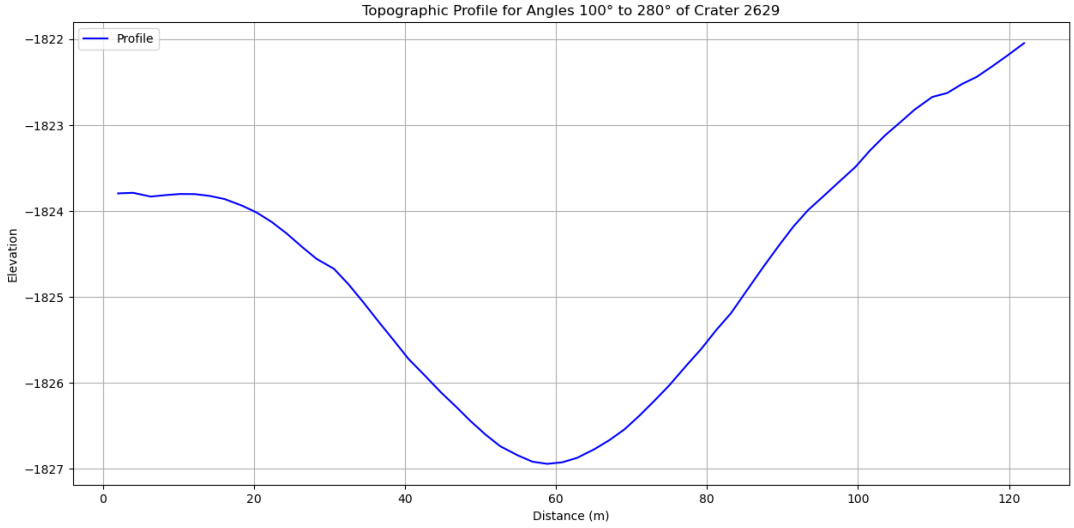
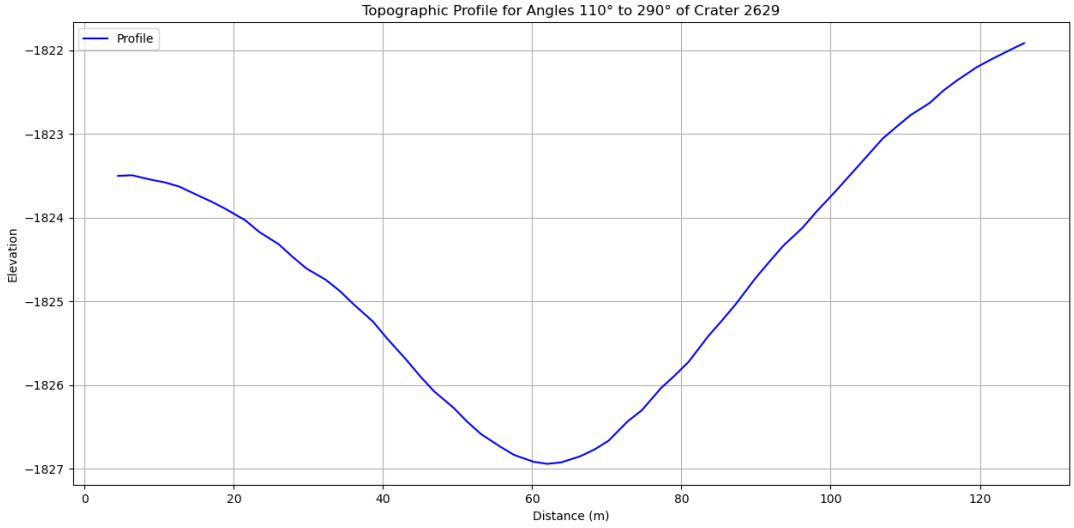
−1823
−1824
−1825
−1826
−1827
0
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 2629
Profile
Elevation
−1822
−1823
−1824
−1825
−1826
−1827
0
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 2629
Profile
Elevation
−1822
−1823
−1824
−1825
−1826
−1827
0
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 2629
Profile
Elevation
Distance (m)
−1822
−1823
−1824
−1825
−1826
−1827
0
20
40
60
80
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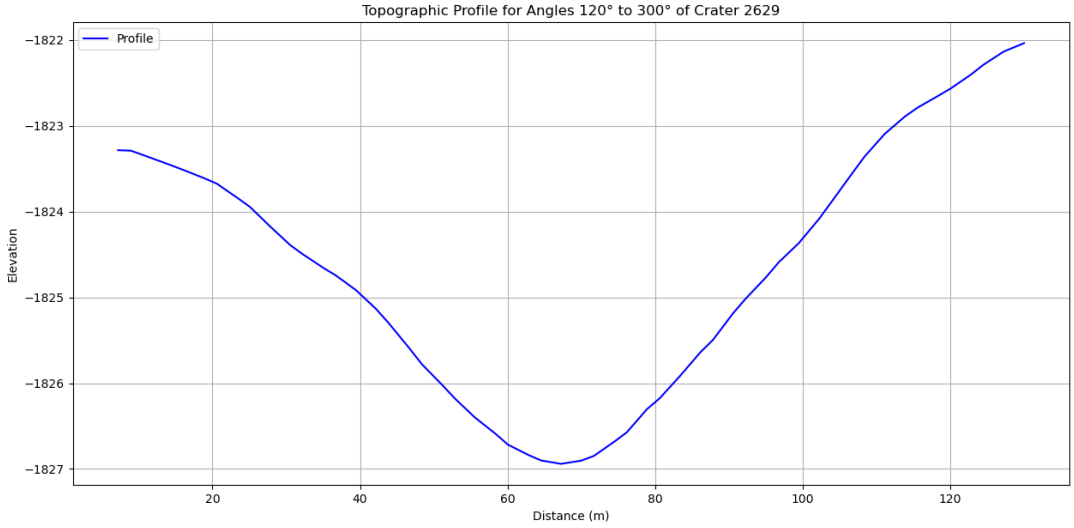
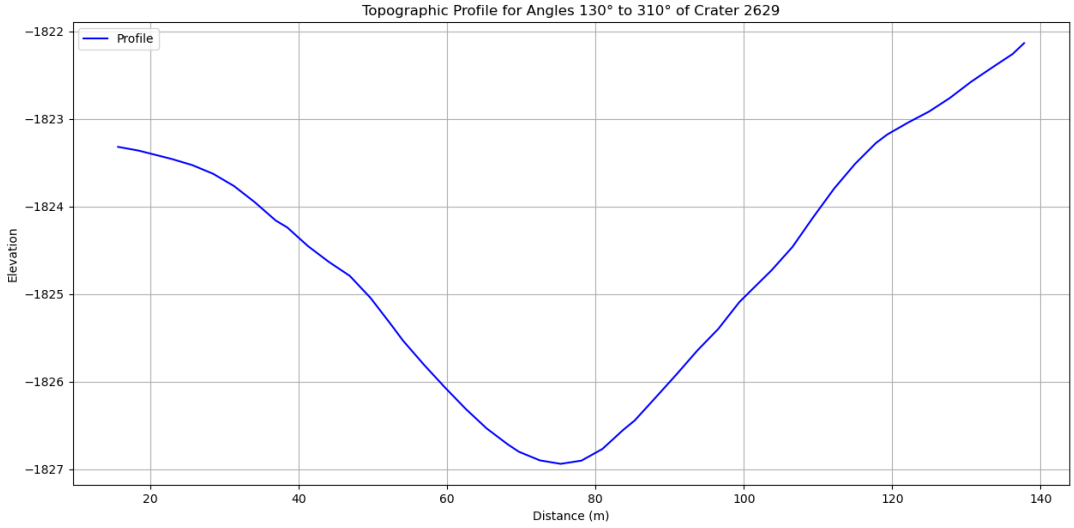
120


Topographic Profile for Angles 120° to 300° of Crater 2629
Profile
Elevation
Distance (m)
−1822
−1823
−1824
−1825
−1826
−1827
20
40
60
80
100
120


Topographic Profile for Angles 130° to 310° of Crater 2629
Profile
Elevation
Distance (m)
−1822
−1823
−1824
−1825
−1826
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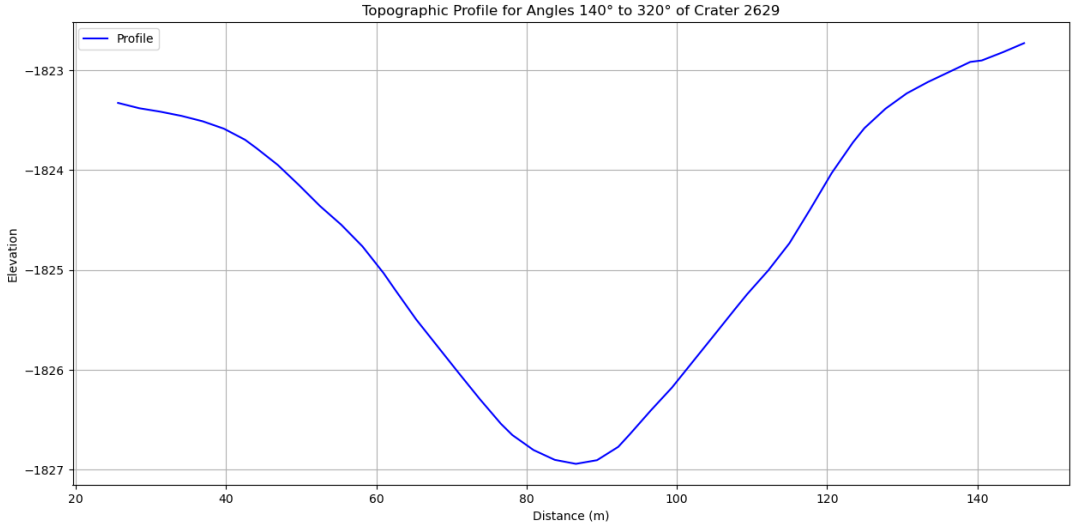
140


Topographic Profile for Angles 140° to 320° of Crater 2629
Profile
Elevation
Distance (m)
−1823
−1824
−1825
−1826
−1827
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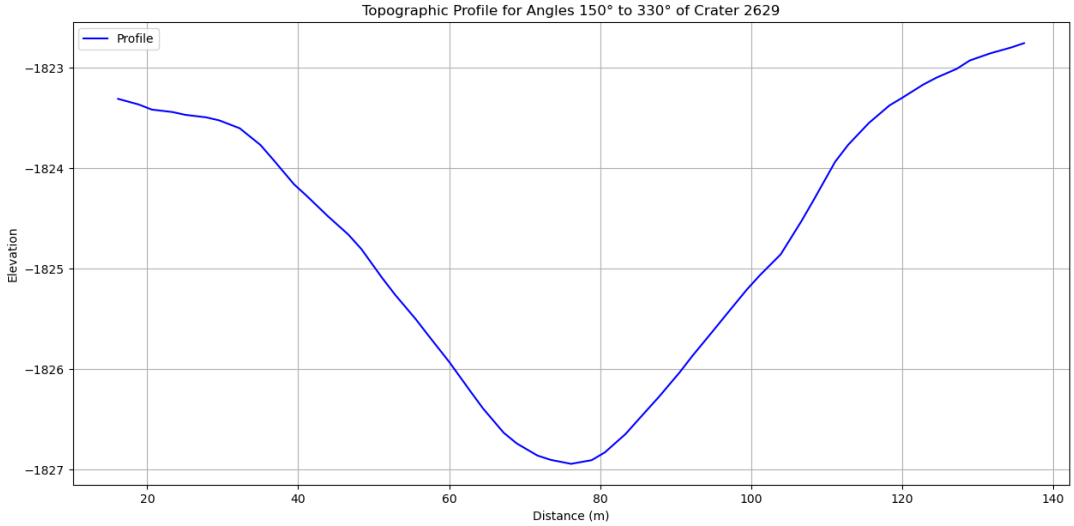
40
60
80
100
120
140


Topographic Profile for Angles 150° to 330° of Crater 2629
Profile
Elevation
Distance (m)
−1823
−1824
−1825
−1826
−1827
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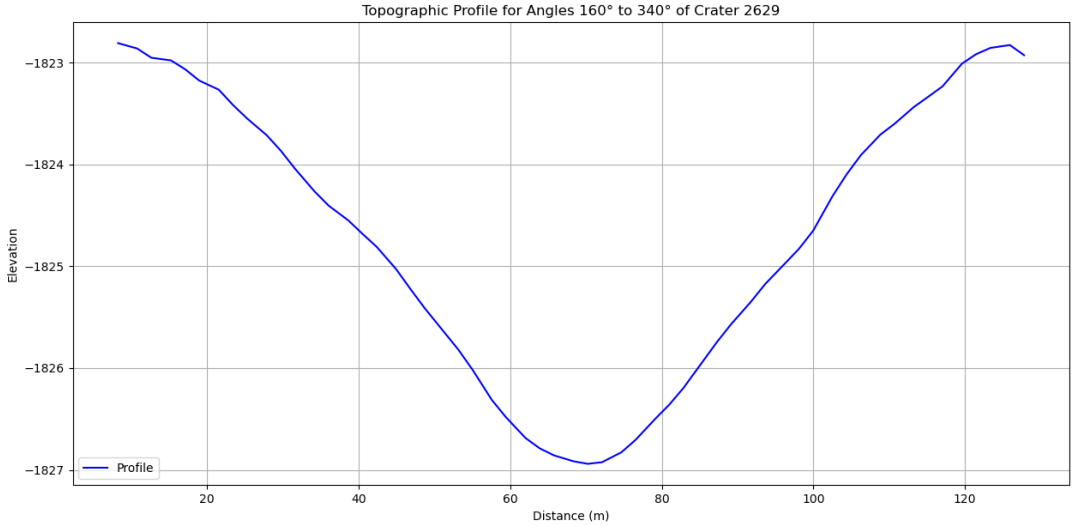
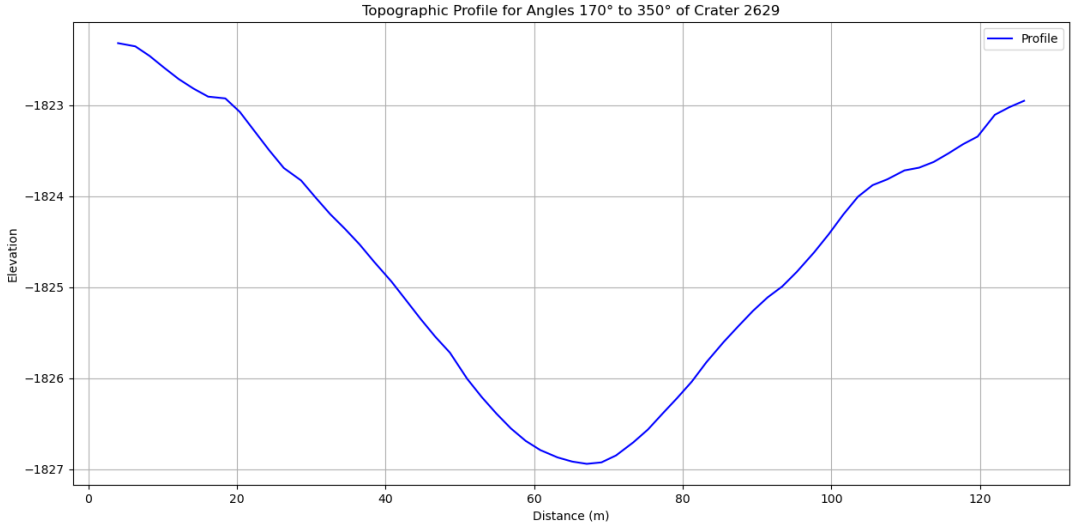
80
100
120
140


Topographic Profile for Angles 160° to 340° of Crater 2629
Profile
Elevation
Distance (m)
−1823
−1824
−1825
−1826
−1827
20
40
60
80
100
120


Topographic Profile for Angles 170° to 350° of Crater 2629
Profile
Elevation
−1823
−1824
−1825
−1826
−1827
0
20
40
60
80
100
120
Distance (m)