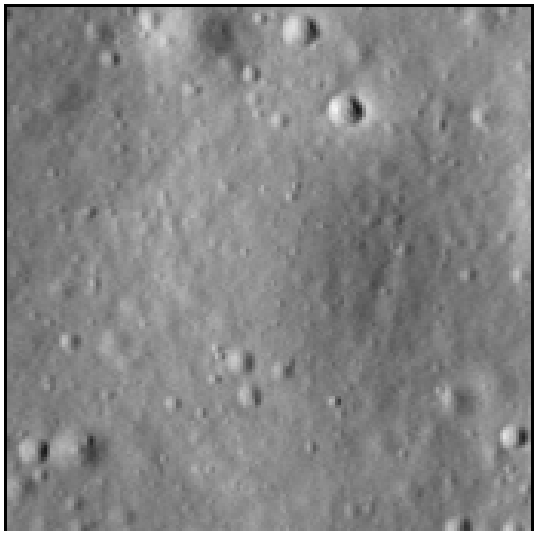
Crater report 1370 of RG2

General information



ID : 1370

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 87m ± 5.0m

Mean depht : 2.4m ± 0.2m

d/D ratio : 0.027 ± 0.003

Circularity index : 0.91

Slope : Between 3.16° et 5.02°

Mean value of TRI on the rim crest : 0.28

Geometric center coordinates : (3655892.432719949, 223200.83087515127)

Coordinates of the crater's lowest point : (3655891.0000011, 223203.00000006583)

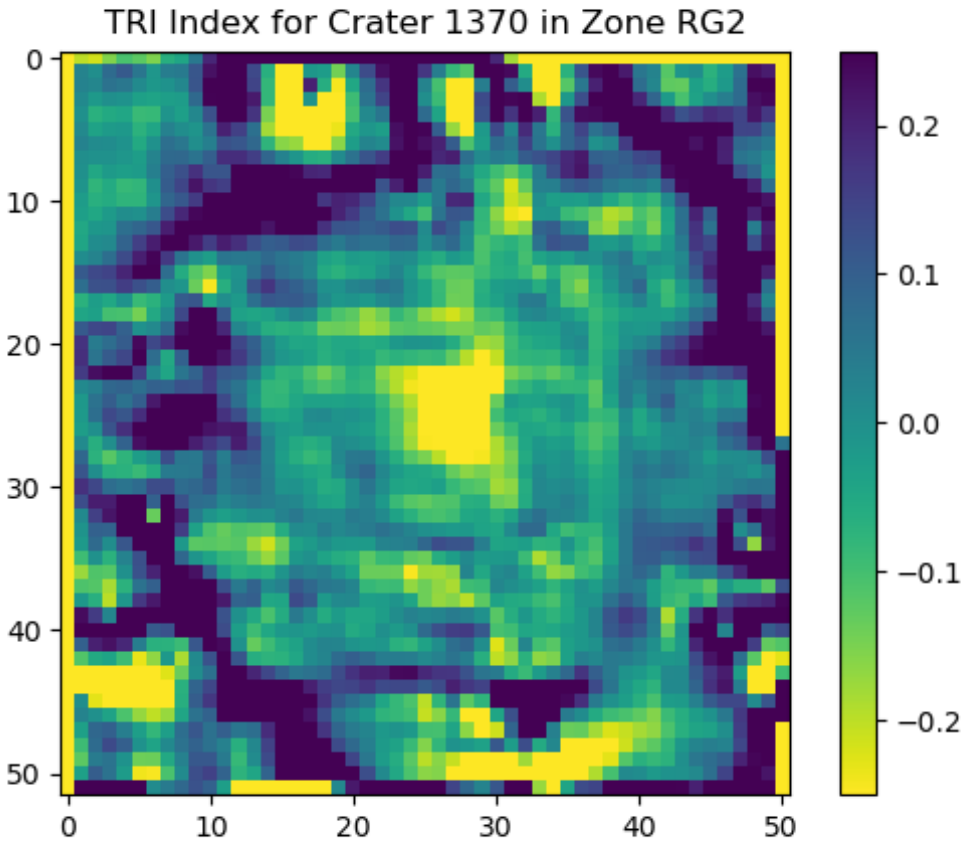
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	4.31	0.57
10°	3.4	0.54
20°	3.24	0.51
30°	3.32	0.48
40°	3.4	0.42
50°	3.76	0.42
60°	4.05	0.48
70°	4.63	0.52
80°	5.02	0.55
90°	5.01	0.57
100°	4.79	0.54
110°	4.65	0.51

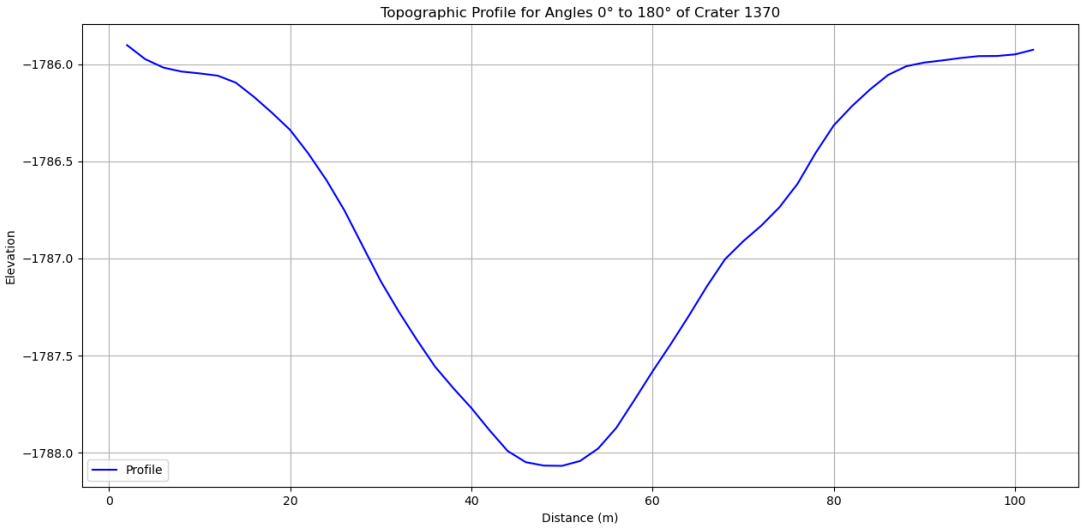
120°	4.63	0.48
130°	4.42	0.42
140°	3.93	0.42
150°	3.33	0.48
160°	3.16	0.51
170°	3.19	0.54
180°	3.62	0.57
190°	3.38	0.54
200°	3.45	0.52
210°	3.38	0.48
220°	3.46	0.42
230°	3.35	0.42
240°	3.21	0.48
250°	3.48	0.51
260°	3.83	0.55
270°	3.89	0.57
280°	3.69	0.55
290°	3.57	0.51
300°	3.64	0.47
310°	4.03	0.43
320°	4.09	0.43
330°	4.08	0.48
340°	4.16	0.53
350°	4.11	0.55

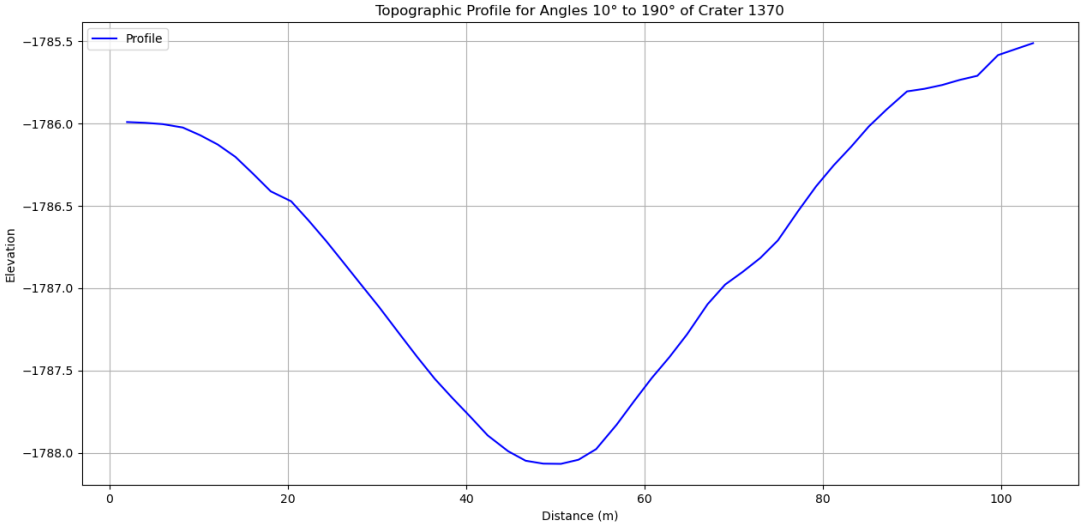
Topographic roughness index (TRI)

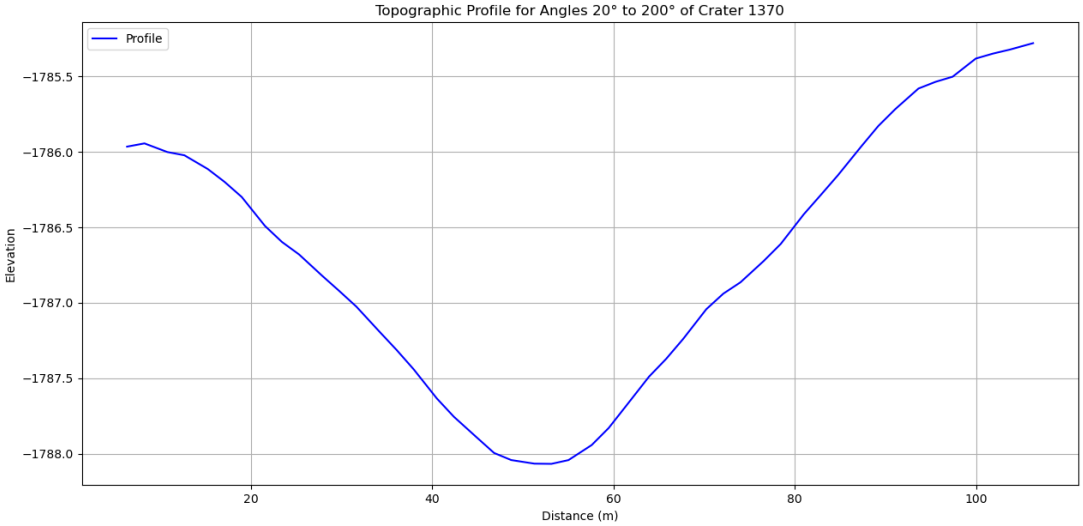
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

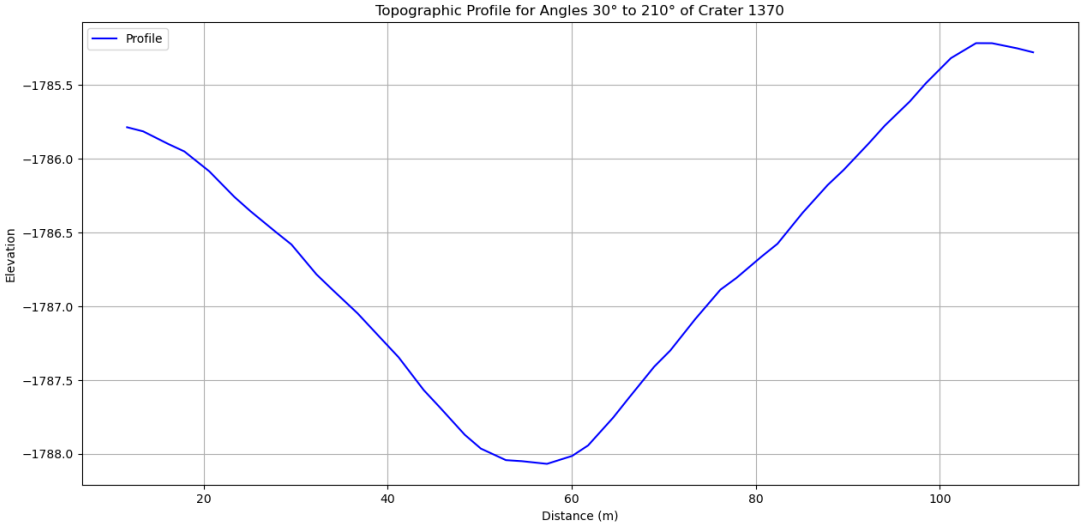


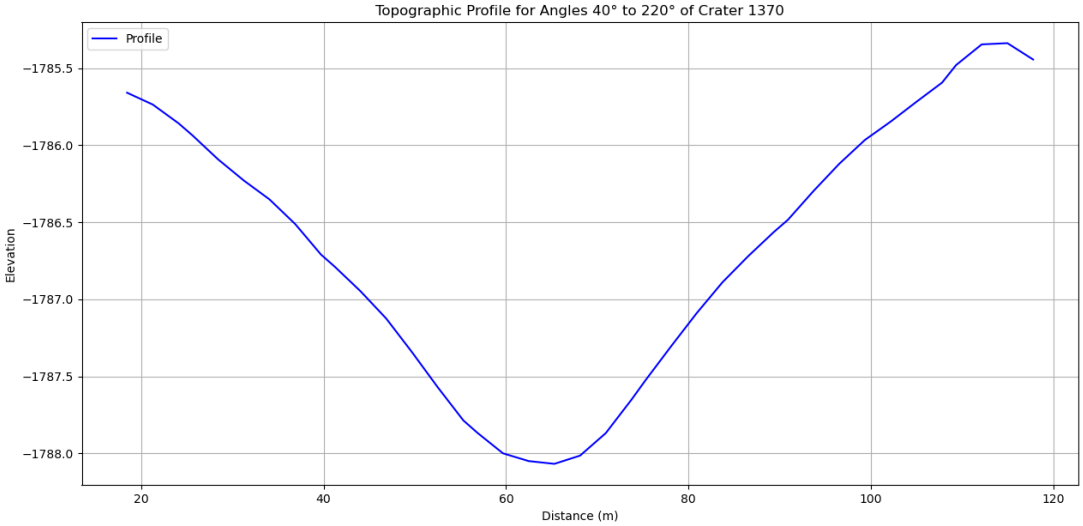
Topographic profiles

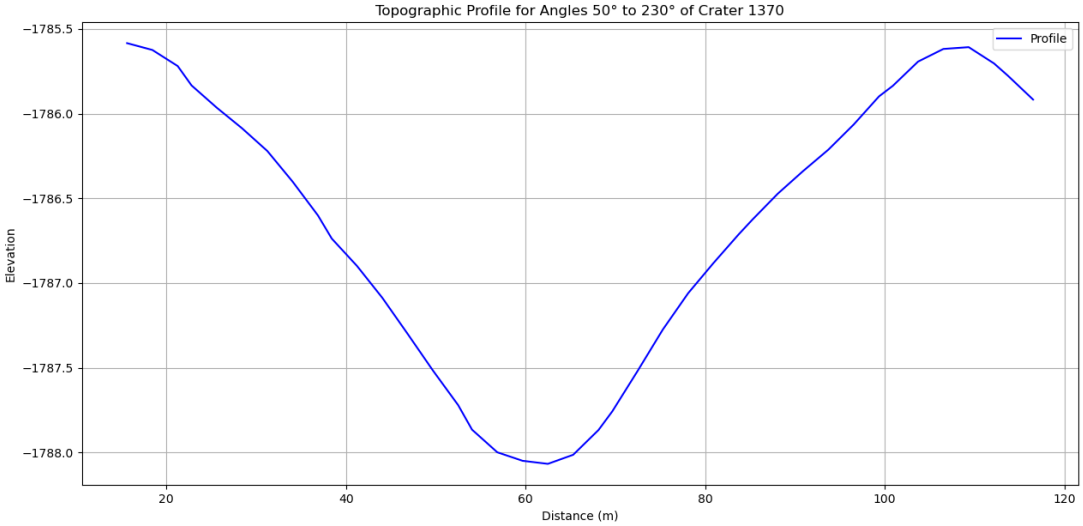



Topographic Profile for Angles 10° to 190° of Crater 1370
Profile
Elevation
−1785.5
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 1370
Profile
Elevation
−1785.5
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 1370
Profile
Elevation
−1785.5
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 40° to 220° of Crater 1370
Profile
Elevation
−1785.5
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 50° to 230° of Crater 1370
Profile
Elevation
Distance (m)
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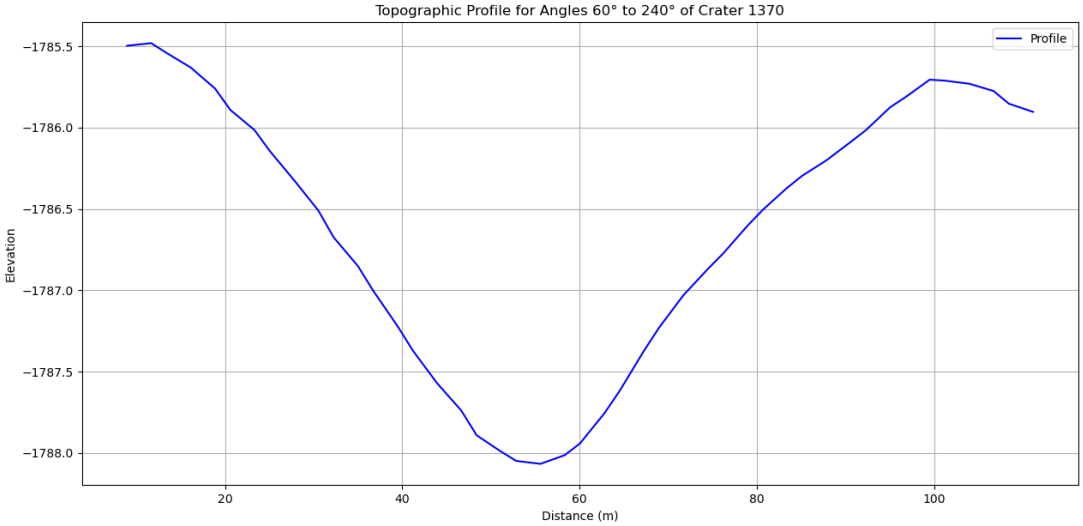
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
20
40
60
80
100
120


Topographic Profile for Angles 60° to 240° of Crater 1370
Profile
Elevation
Distance (m)
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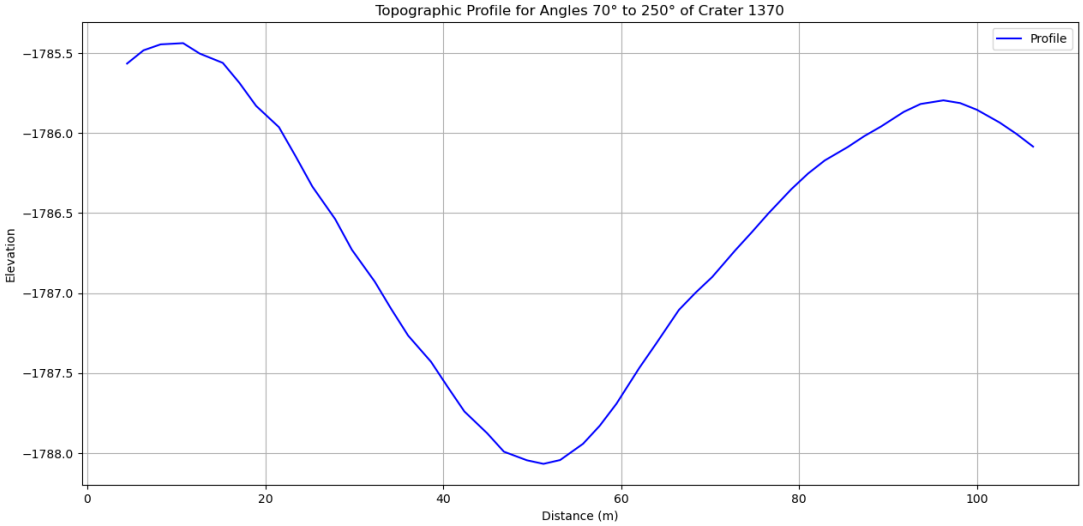
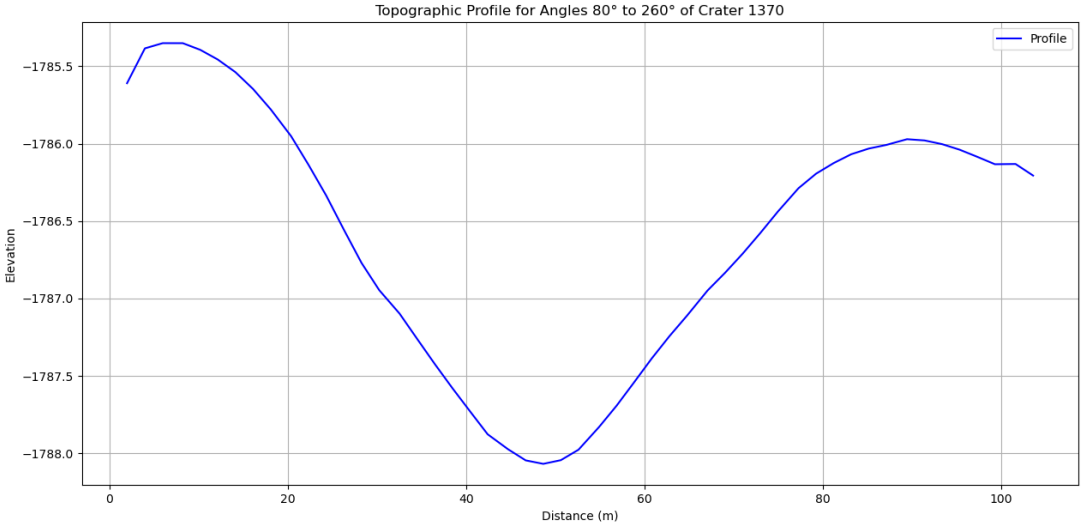
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
20
40
60
80
100


Topographic Profile for Angles 70° to 250° of Crater 1370
Profile
Elevation
−1785.5
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 1370
Profile
Elevation
−1785.5
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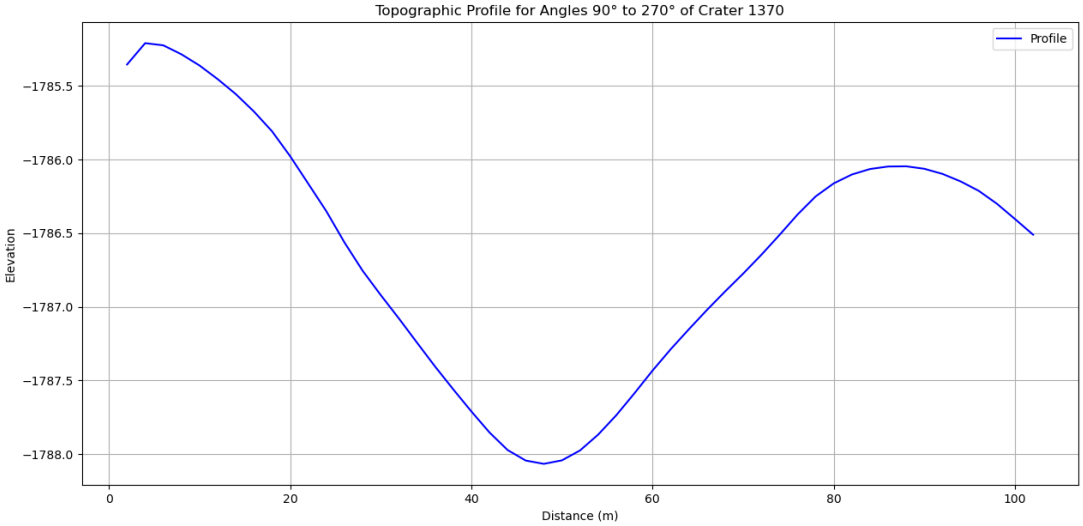
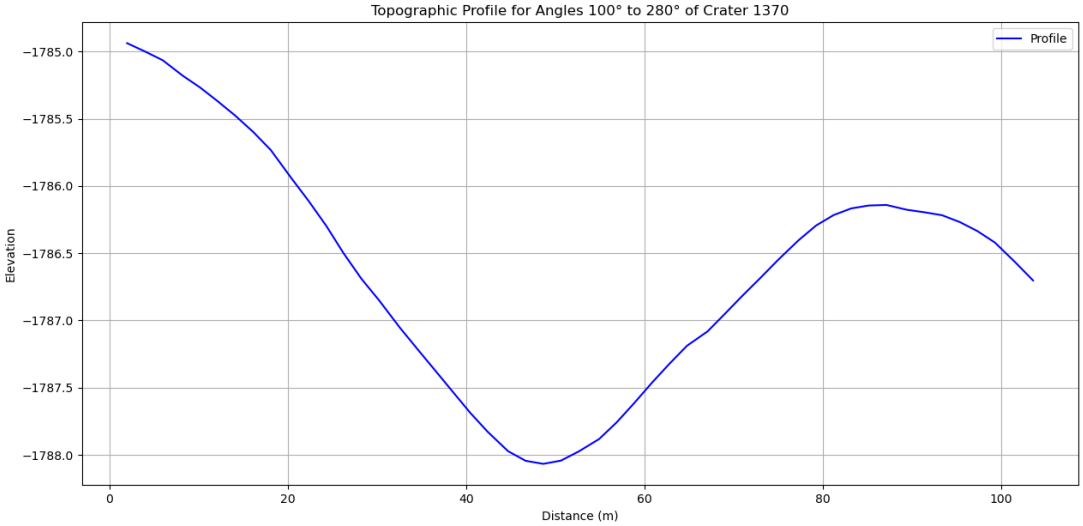
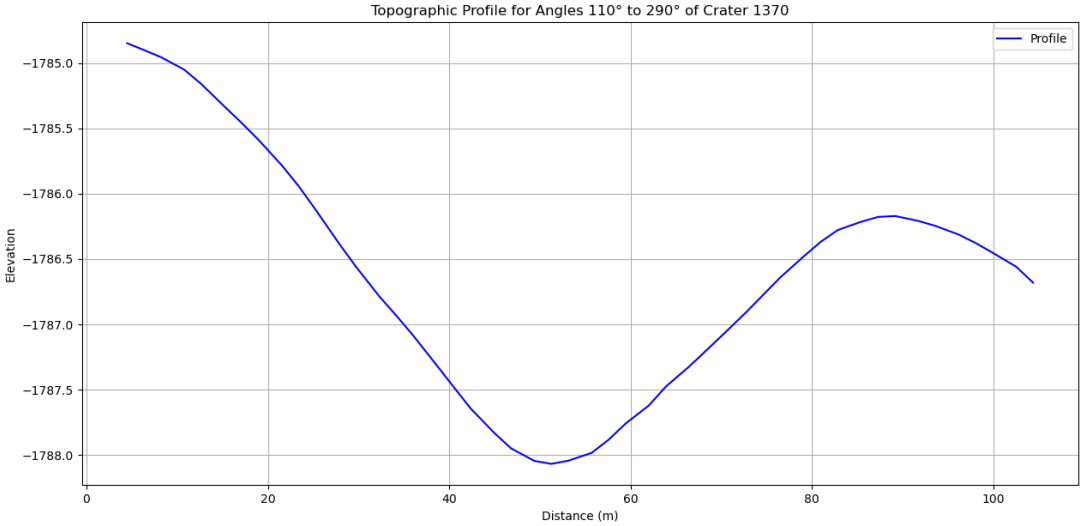
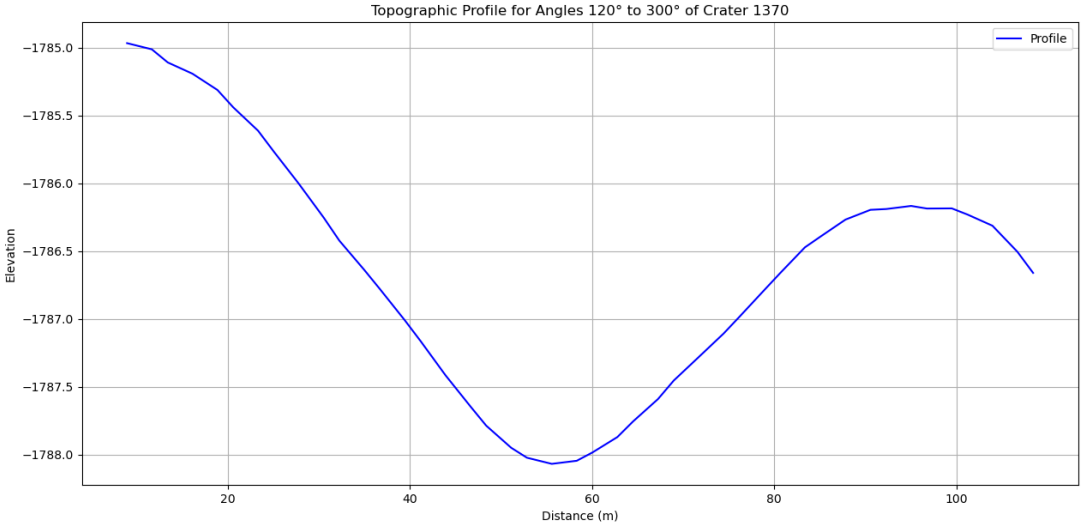
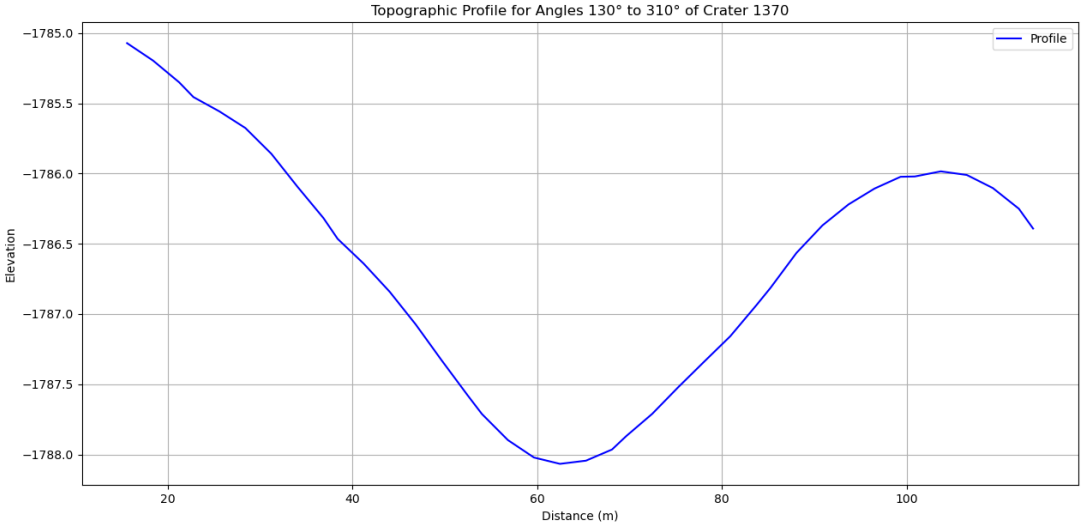
−1786.5
−1787.0
−1787.5
−1788.0
0
20
40
60
80
100
Distance (m)

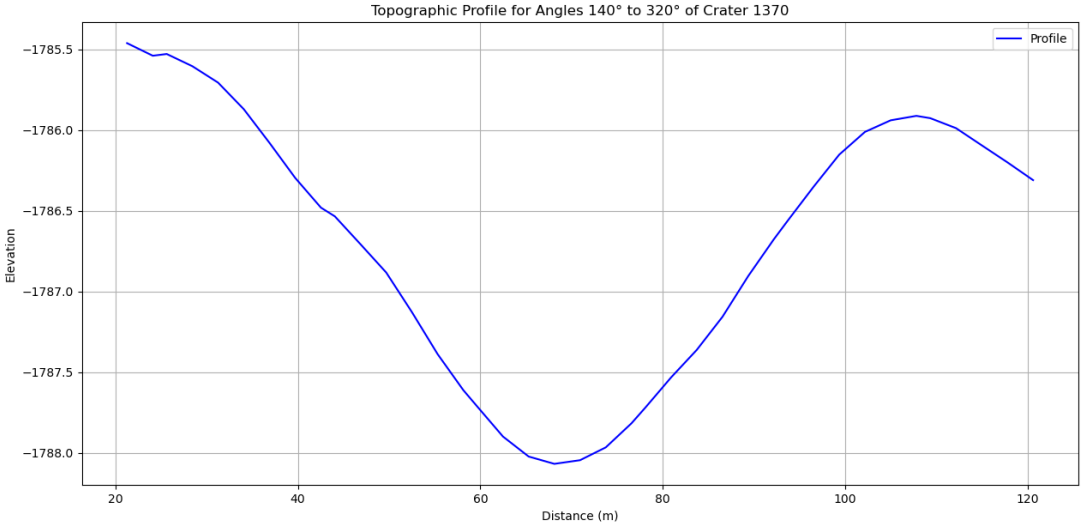

Topographic Profile for Angles 90° to 270° of Crater 1370
Profile
Elevation
−1785.5
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 1370
Profile
Elevation
−1785.0
−1785.5
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 1370
Profile
Elevation
−1785.0
−1785.5
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 120° to 300° of Crater 1370
Profile
Elevation
−1785.0
−1785.5
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 1370
Profile
Elevation
Distance (m)
−1785.0
−1785.5
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
20
40
60
80
100


Topographic Profile for Angles 140° to 320° of Crater 1370
Profile
Elevation
Distance (m)
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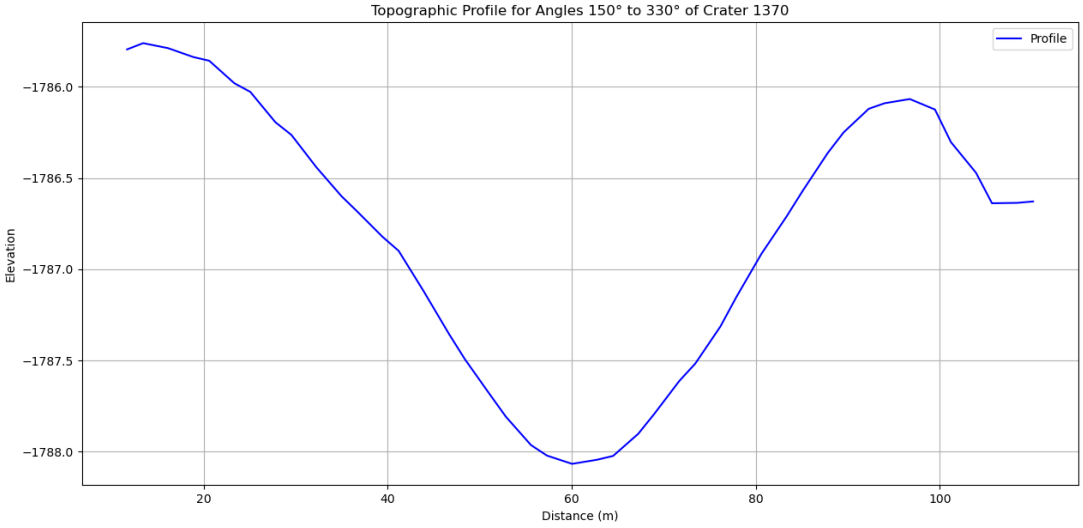
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
20
40
60
80
100
120


Topographic Profile for Angles 150° to 330° of Crater 1370
Profile
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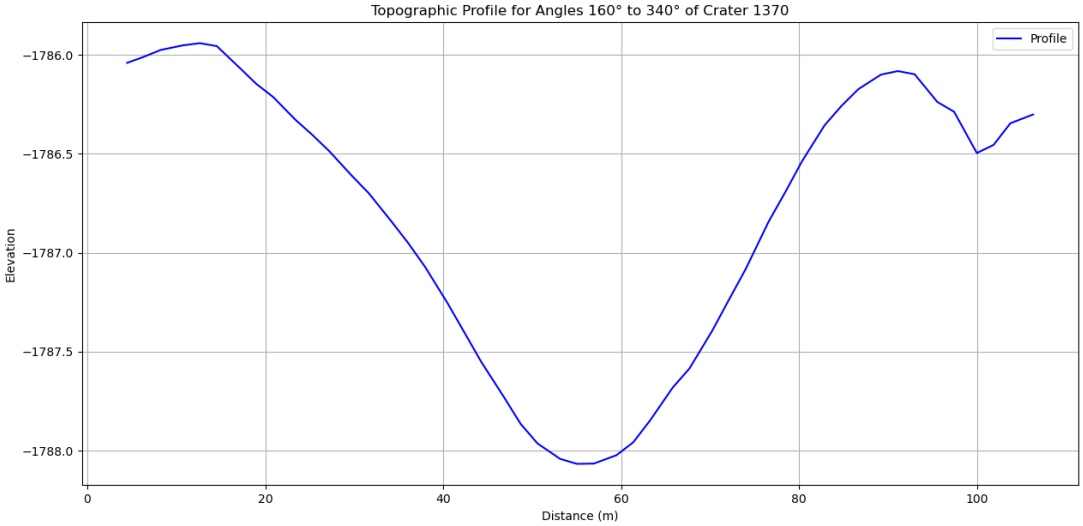
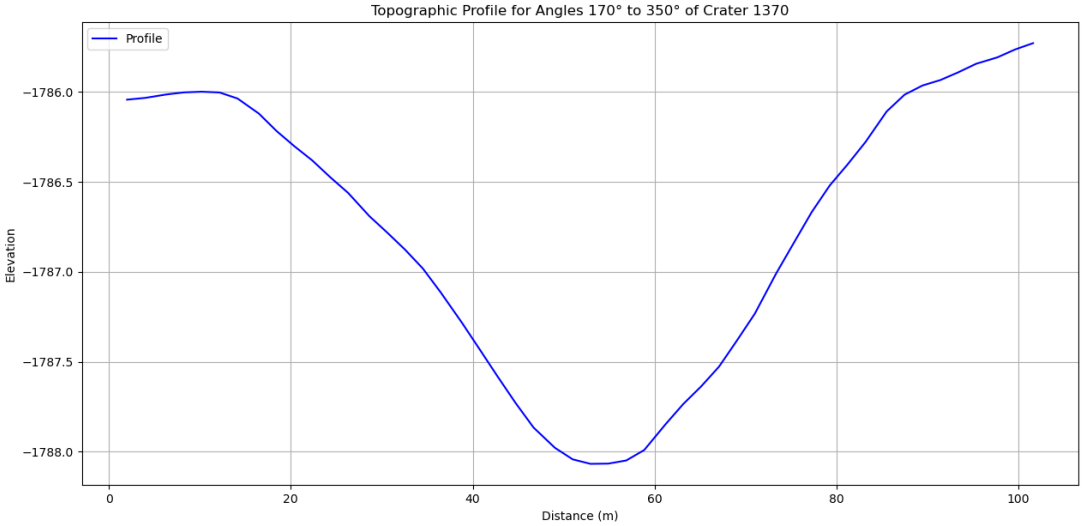
−1786.5
−1787.0
−1787.5
−1788.0
Elevation
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 1370
Profile
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
Elevation
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 1370
Profile
−1786.0
−1786.5
−1787.0
−1787.5
−1788.0
Elevation
0
20
40
60
80
100
Distance (m)