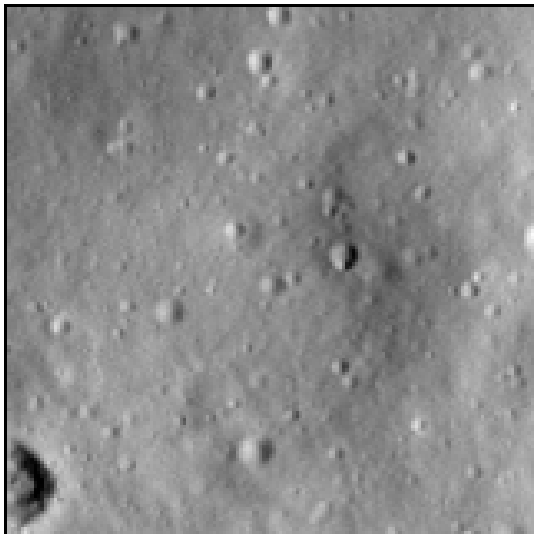
Crater report 2185 of RG2

General information



ID : 2185

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 75m ± 5.0m

Mean depht : 2.6m ± 0.3m

d/D ratio : 0.035 ± 0.004

Circularity index : 0.91

Slope : Between 4.08° et 6.68°

Mean value of TRI on the rim crest : 0.34

Geometric center coordinates : (3658711.031779183, 220606.85557435386)

Coordinates of the crater's lowest point : (3658717.000001101, 220615.00000006508)

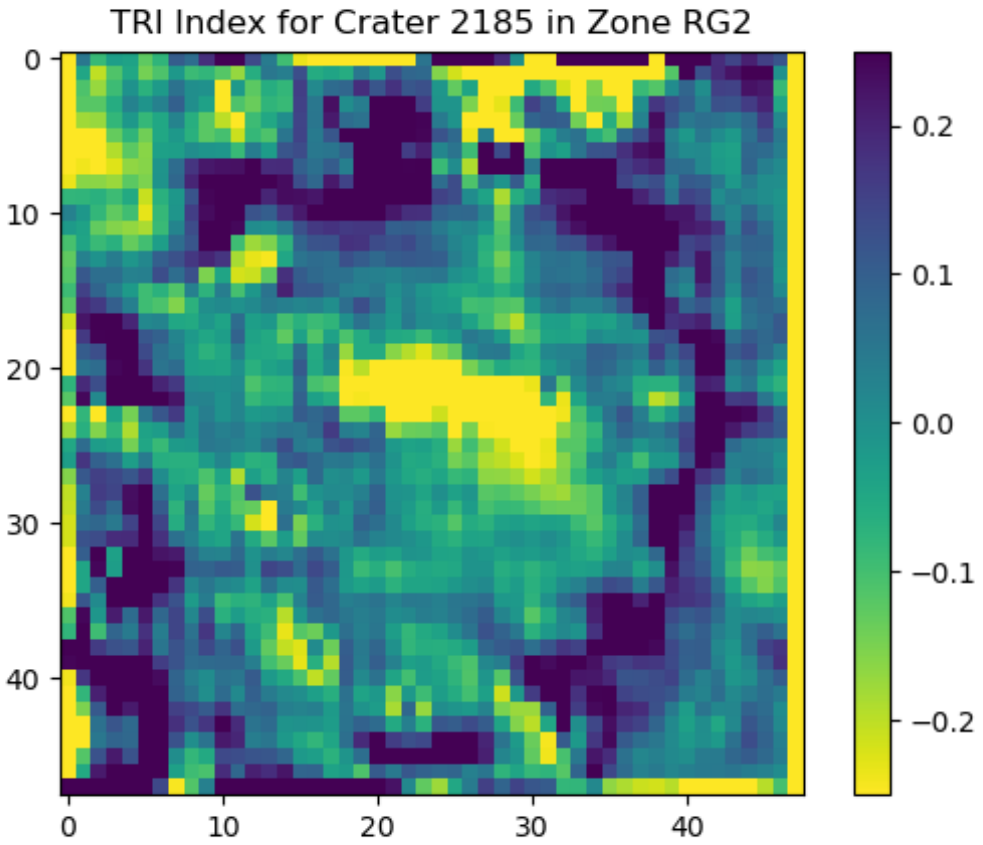
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	6.35	0.57
10°	5.55	0.55
20°	5.34	0.5
30°	5.59	0.49
40°	5.81	0.43
50°	6.14	0.44
60°	5.93	0.46
70°	5.65	0.51
80°	5.42	0.55
90°	5.56	0.57
100°	5.25	0.54
110°	4.53	0.51

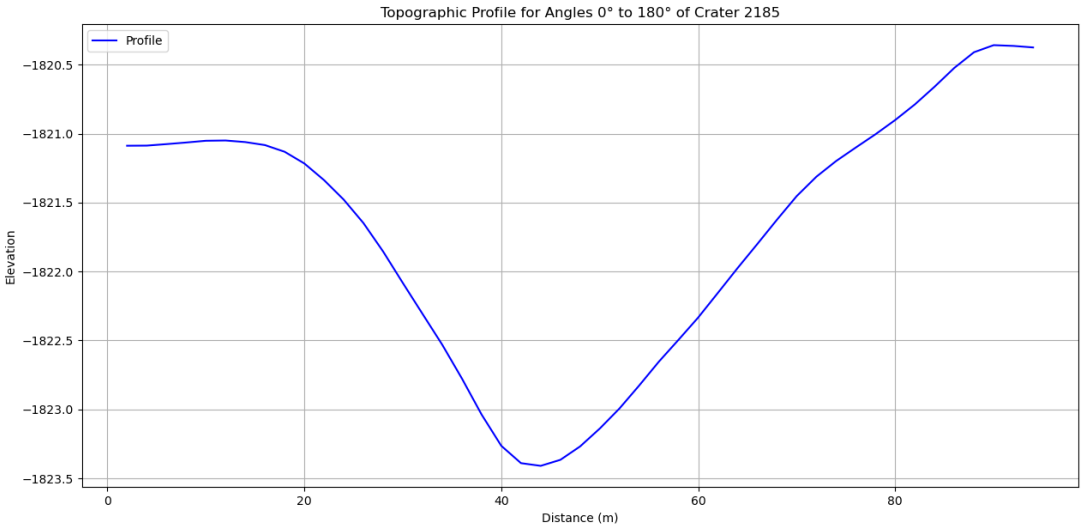
120°	4.14	0.46
130°	4.14	0.44
140°	4.37	0.43
150°	4.36	0.47
160°	4.33	0.52
170°	4.47	0.54
180°	4.34	0.57
190°	4.08	0.55
200°	4.21	0.52
210°	4.16	0.47
220°	4.8	0.42
230°	5.1	0.42
240°	4.75	0.48
250°	4.64	0.52
260°	5.14	0.54
270°	5.73	0.57
280°	5.34	0.55
290°	5.31	0.53
300°	5.99	0.48
310°	6.05	0.44
320°	6.53	0.4
330°	6.68	0.45
340°	6.56	0.51
350°	6.48	0.55

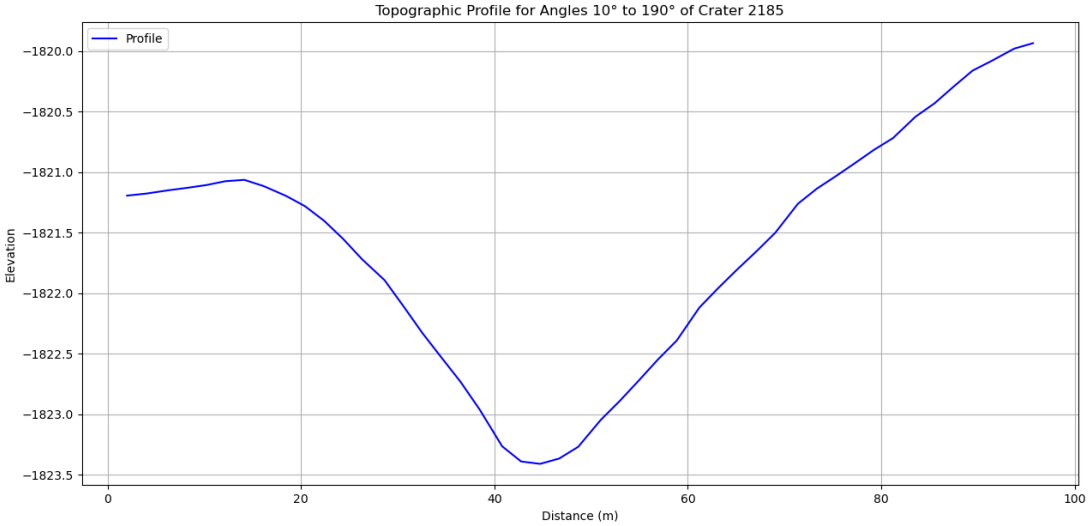
Topographic roughness index (TRI)

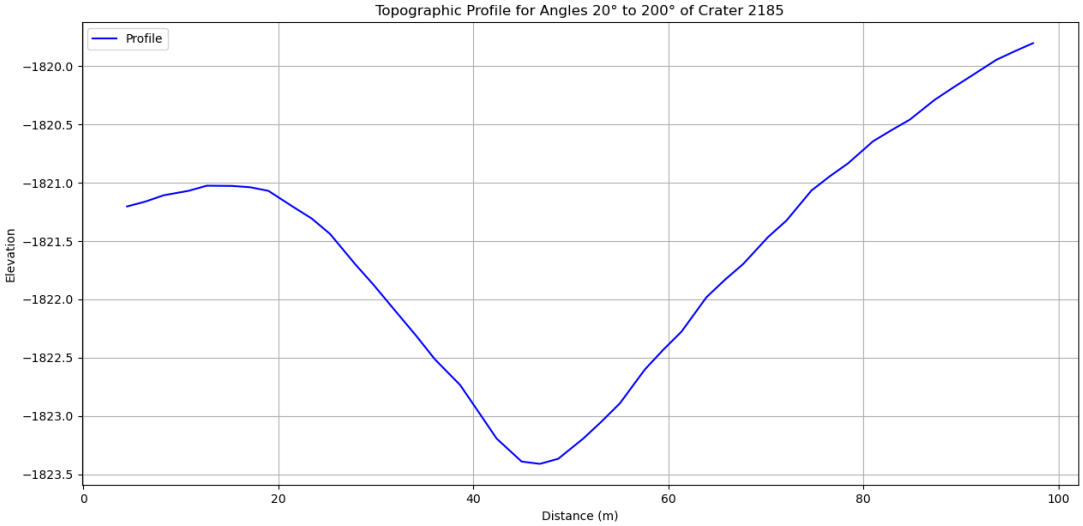
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

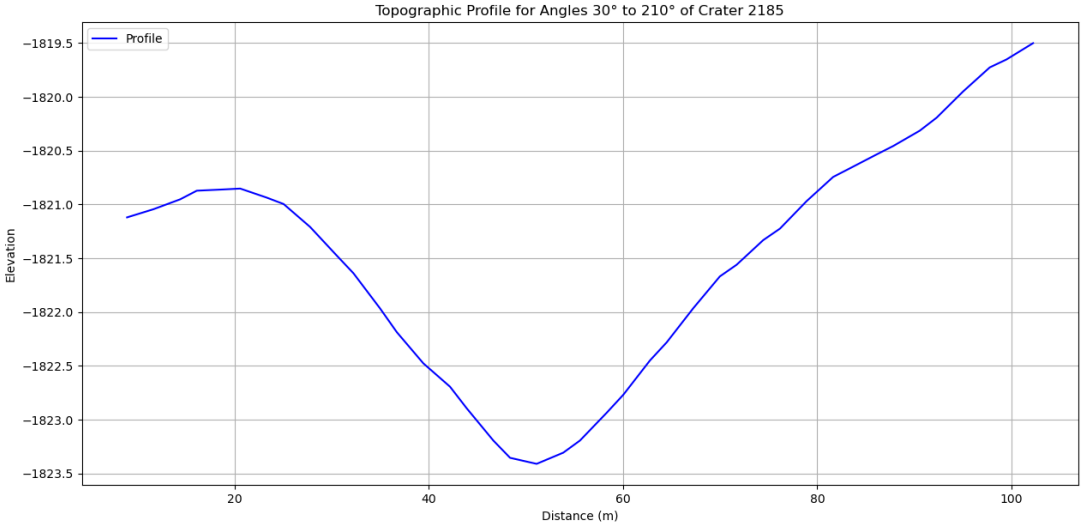


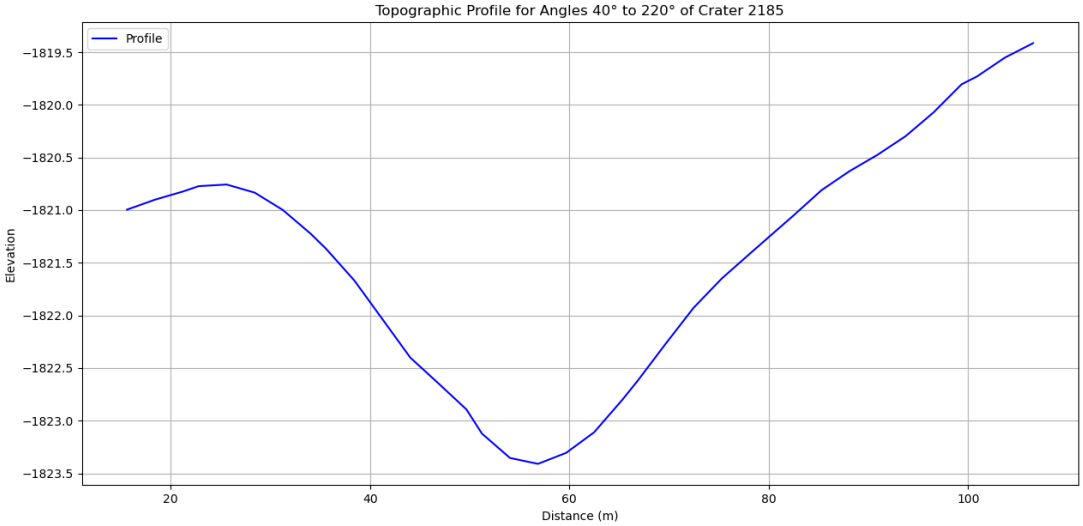
Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 2185
Profile
Elevation
Distance (m)
−1820.0
−1820.5
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
0
20
40
60
80
100


Topographic Profile for Angles 20° to 200° of Crater 2185
Profile
Elevation
Distance (m)
−1820.0
−1820.5
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
0
20
40
60
80
100


Topographic Profile for Angles 30° to 210° of Crater 2185
Profile
Elevation
Distance (m)
−1819.5
−1820.0
−1820.5
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
20
40
60
80
100


Topographic Profile for Angles 40° to 220° of Crater 2185
Profile
Elevation
Distance (m)
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−1820.0
−1820.5
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−1823.5
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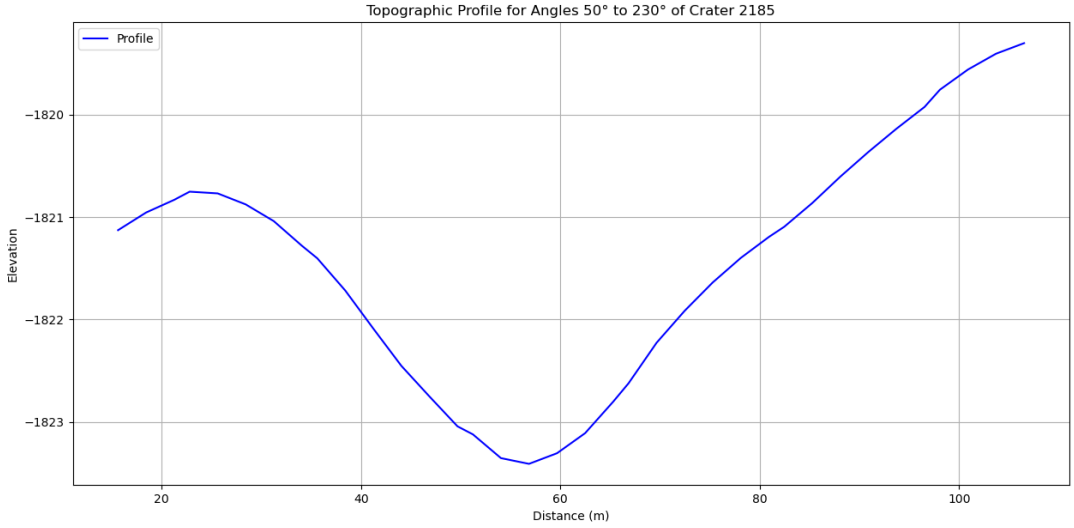
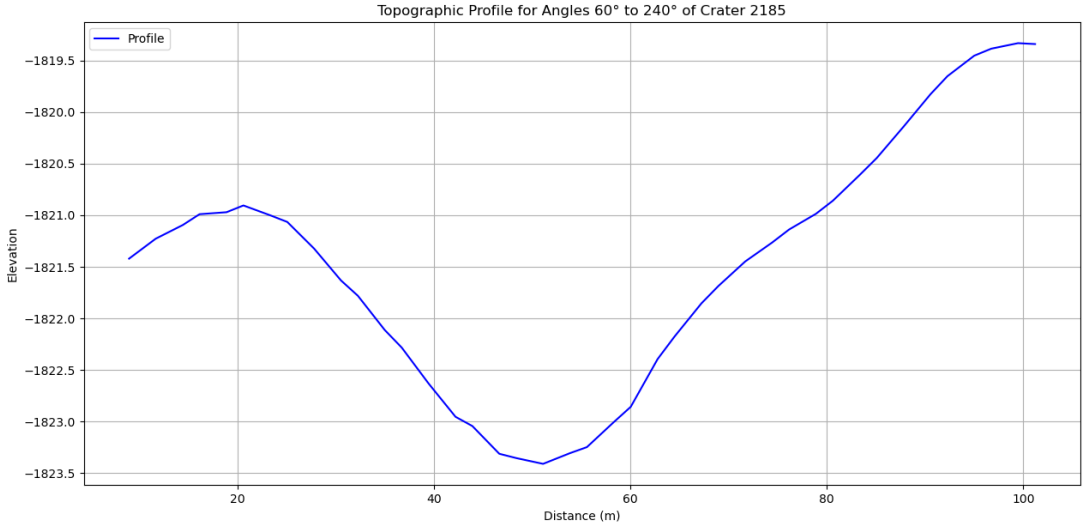
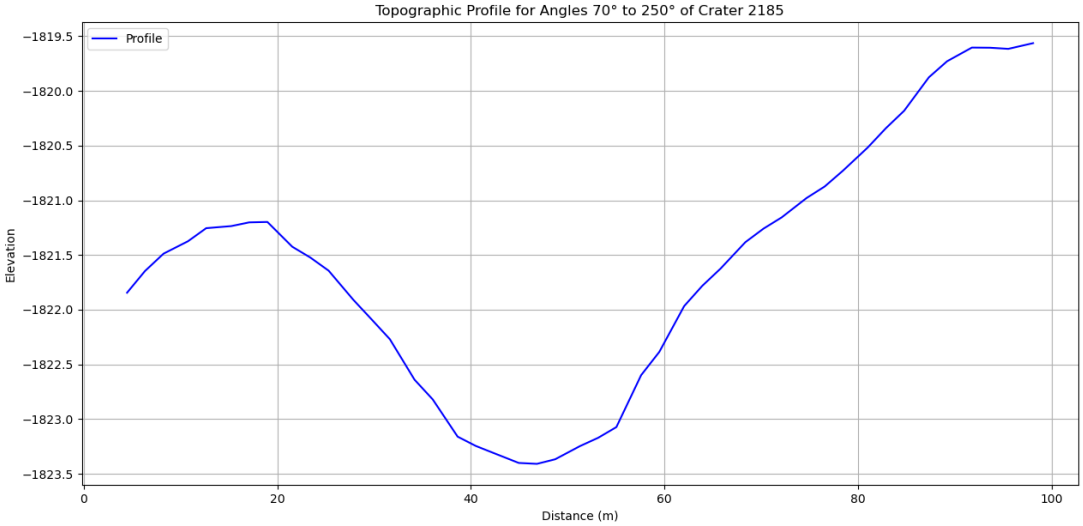
80
100


Topographic Profile for Angles 50° to 230° of Crater 2185
Profile
Elevation
−1820
−1821
−1822
−1823
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 2185
Profile
Elevation
−1819.5
−1820.0
−1820.5
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 2185
Profile
Elevation
Distance (m)
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−1820.5
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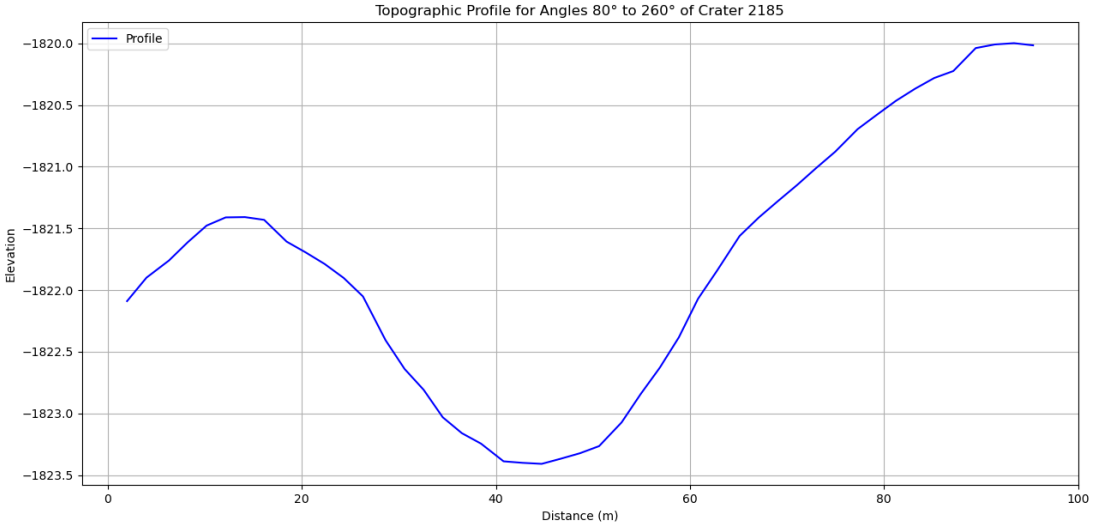
100


Topographic Profile for Angles 80° to 260° of Crater 2185
Profile
Elevation
Distance (m)
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−1820.5
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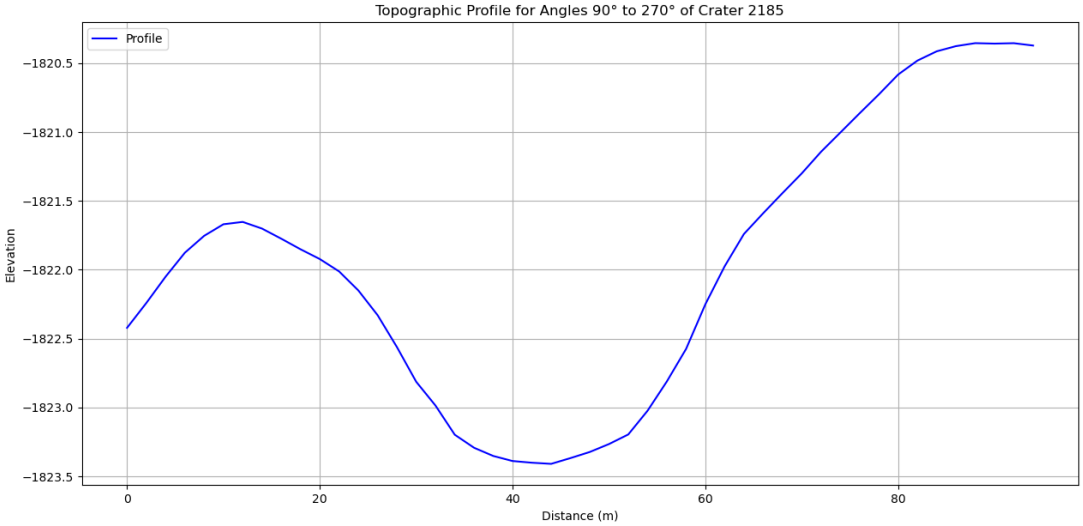
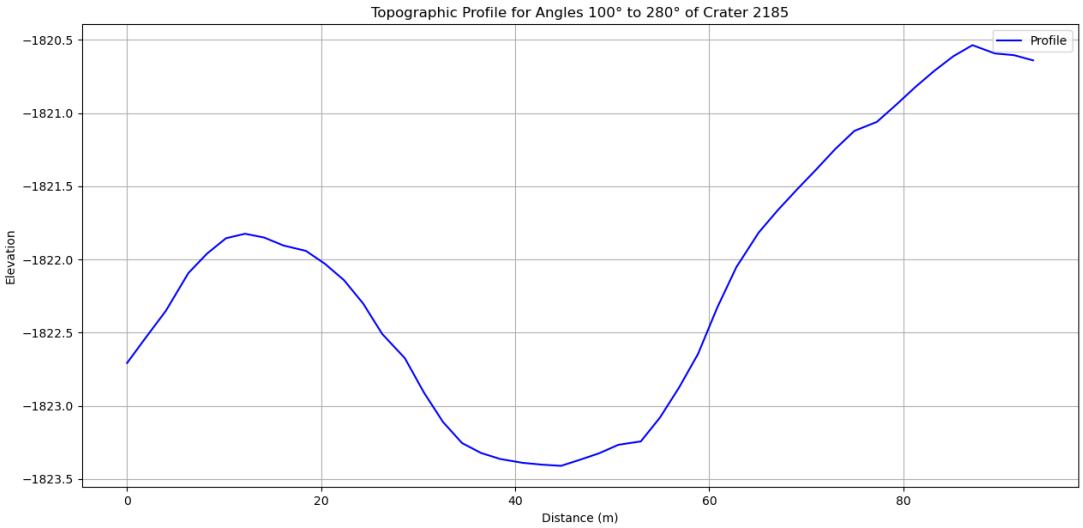
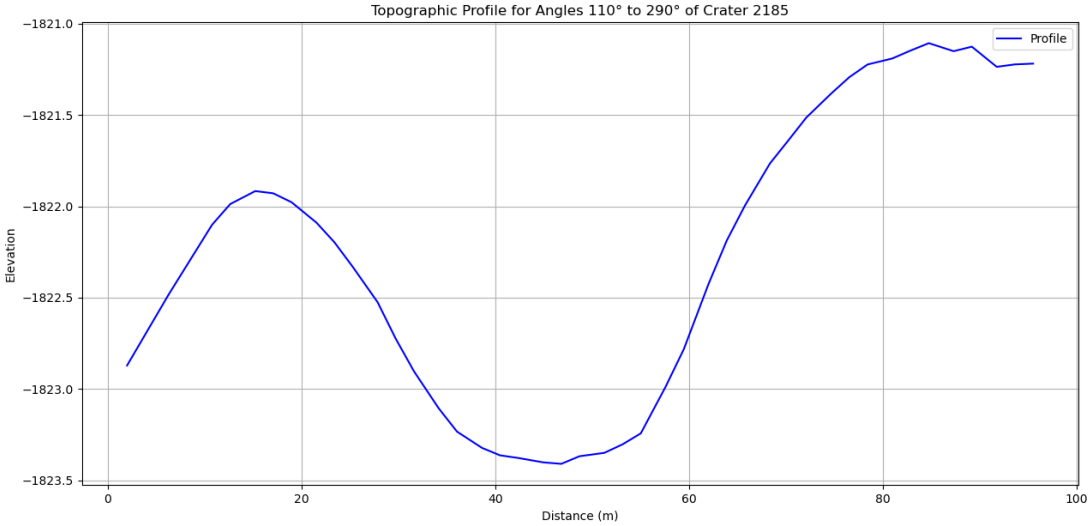
100


Topographic Profile for Angles 90° to 270° of Crater 2185
Profile
Elevation
Distance (m)
−1820.5
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
0
20
40
60
80


Topographic Profile for Angles 100° to 280° of Crater 2185
Profile
Elevation
Distance (m)
−1820.5
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
0
20
40
60
80


Topographic Profile for Angles 110° to 290° of Crater 2185
Profile
Elevation
Distance (m)
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0
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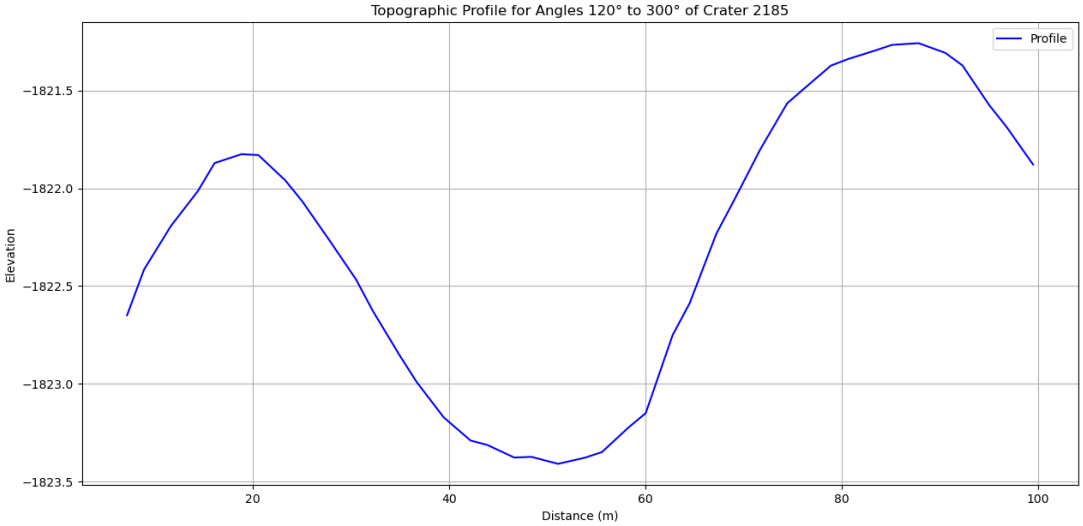
100


Topographic Profile for Angles 120° to 300° of Crater 2185
Profile
Elevation
Distance (m)
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−1822.5
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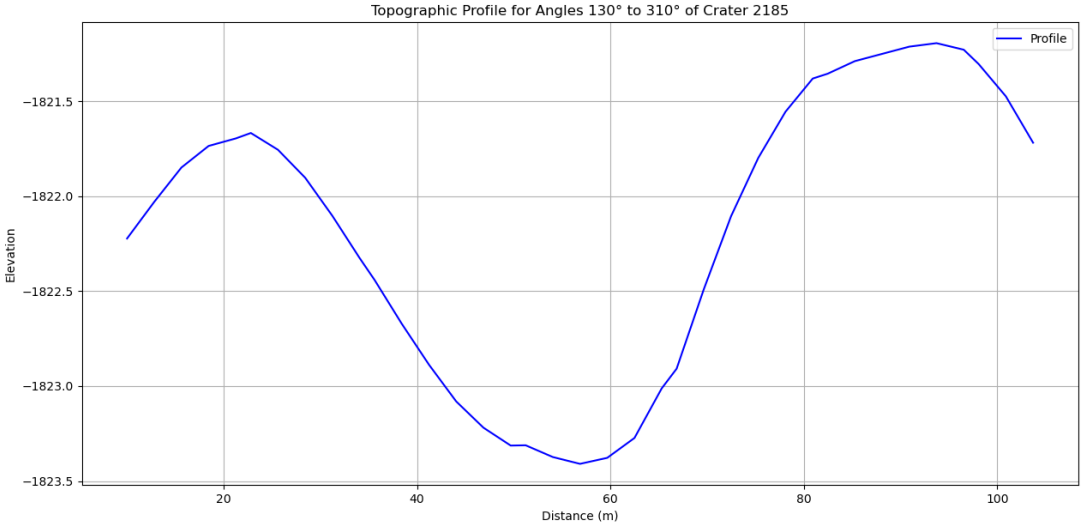
−1823.5
20
40
60
80
100


Topographic Profile for Angles 130° to 310° of Crater 2185
Profile
Elevation
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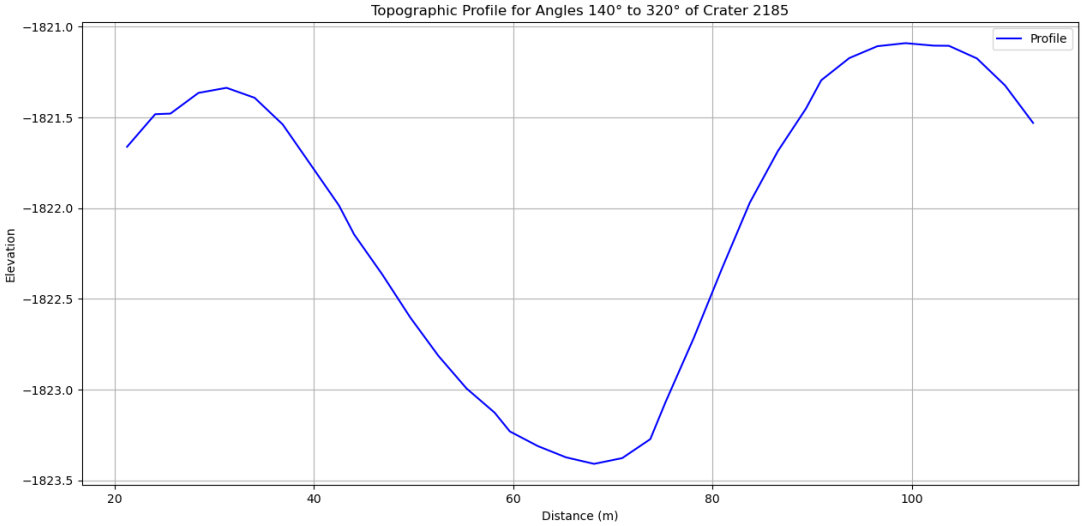
−1822.0
−1822.5
−1823.0
−1823.5
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2185
Profile
Elevation
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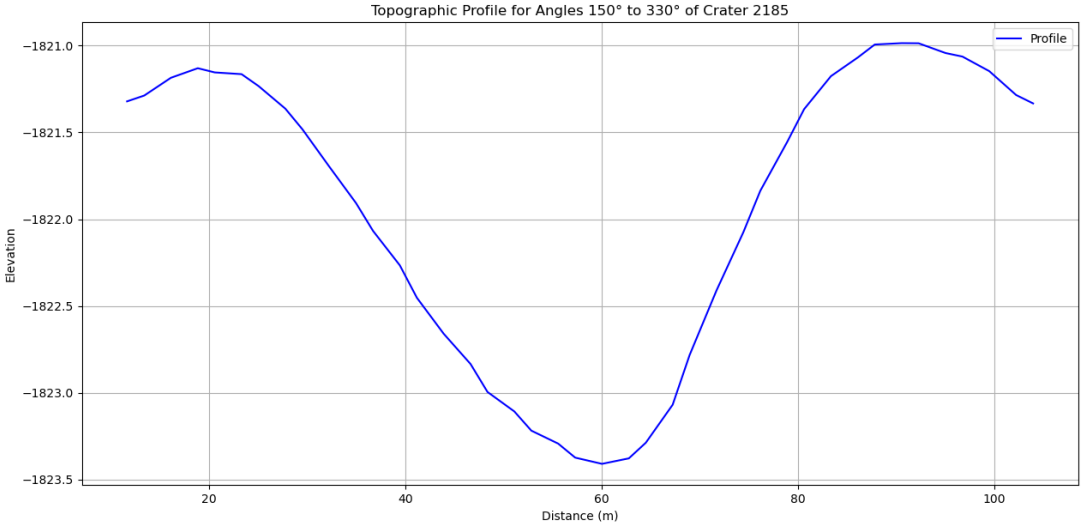
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2185
Profile
Elevation
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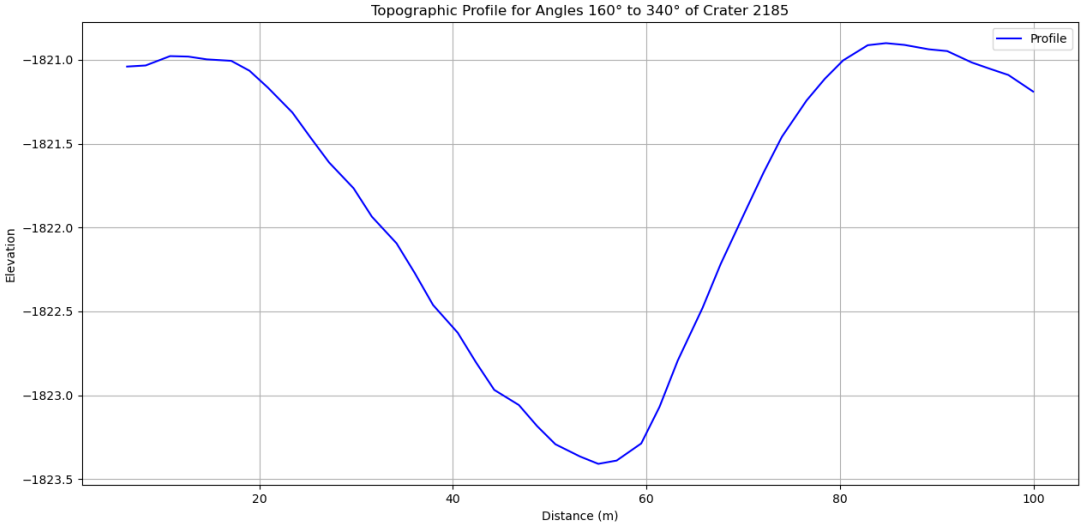
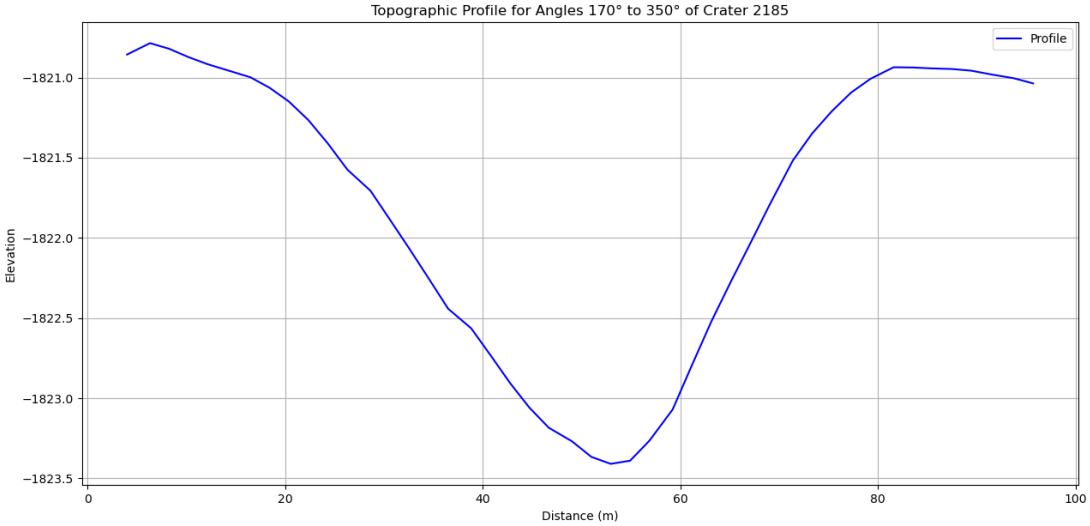
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 2185
Profile
Elevation
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 2185
Profile
Elevation
−1821.0
−1821.5
−1822.0
−1822.5
−1823.0
−1823.5
0
20
40
60
80
100
Distance (m)