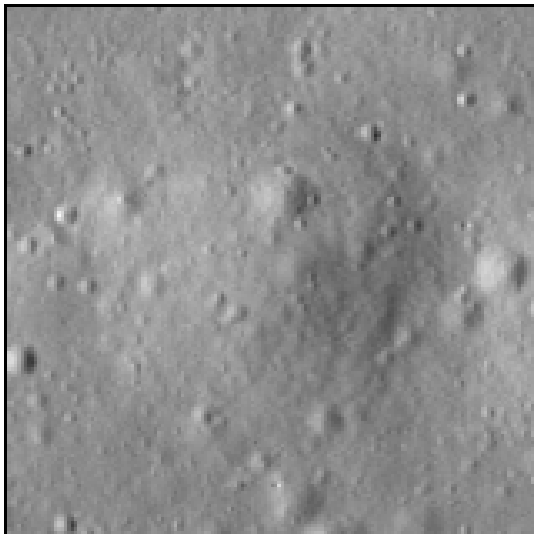
Crater report 1515 of RG2

General information



ID : 1515

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 81m ± 5.0m

Mean depht : 2.3m ± 0.2m

d/D ratio : 0.028 ± 0.003

Circularity index : 0.9

Mean slope : 3.59°

Mean value of TRI on the rim crest : 0.38

Geometric center coordinates : (3657986.4590775957, 224836.58172997407)

Coordinates of the crater's lowest point : (3657989.000001101, 224831.00000006633)

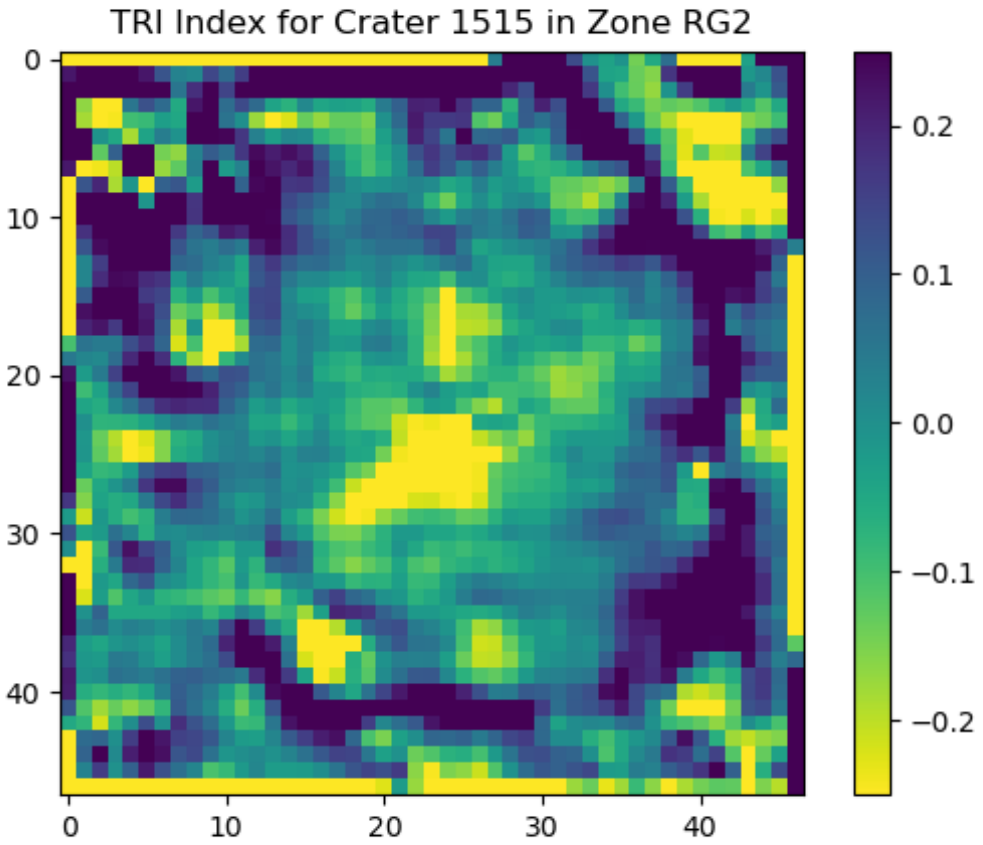
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	4.26	0.57
10°	3.98	0.54
20°	3.88	0.52
30°	4.0	0.47
40°	4.17	0.44
50°	4.01	0.44
60°	3.85	0.49
70°	3.94	0.51
80°	4.26	0.55
90°	4.53	0.57
100°	4.43	0.54
110°	4.4	0.51

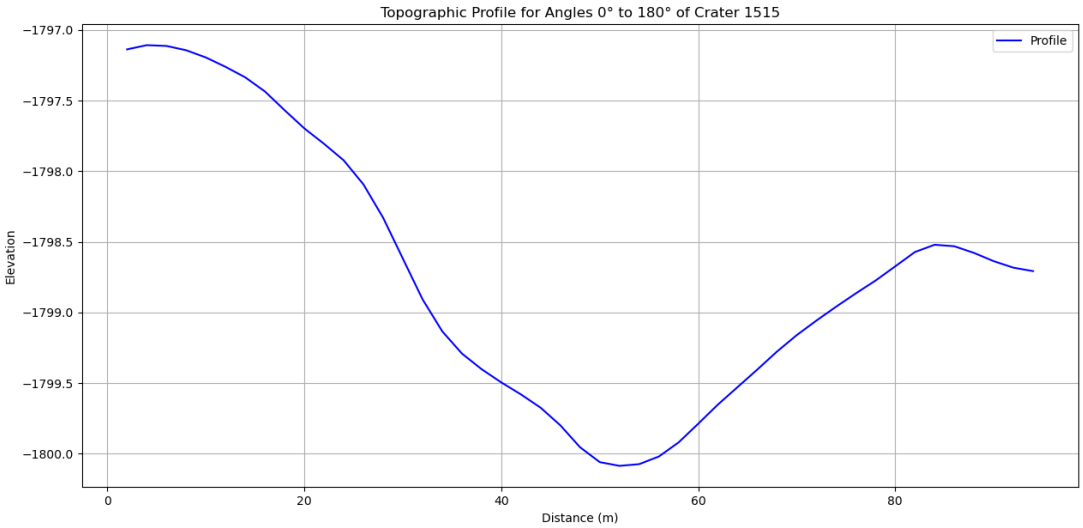
120°	4.31	0.48
130°	4.31	0.44
140°	3.83	0.44
150°	3.48	0.47
160°	2.93	0.51
170°	2.76	0.55
180°	2.91	0.57
190°	2.69	0.54
200°	2.45	0.51
210°	2.28	0.48
220°	2.22	0.44
230°	2.21	0.42
240°	2.38	0.48
250°	2.68	0.51
260°	3.08	0.55
270°	3.47	0.57
280°	3.5	0.55
290°	3.42	0.51
300°	3.41	0.48
310°	4.16	0.43
320°	4.36	0.44
330°	4.21	0.48
340°	4.12	0.52
350°	4.19	0.54

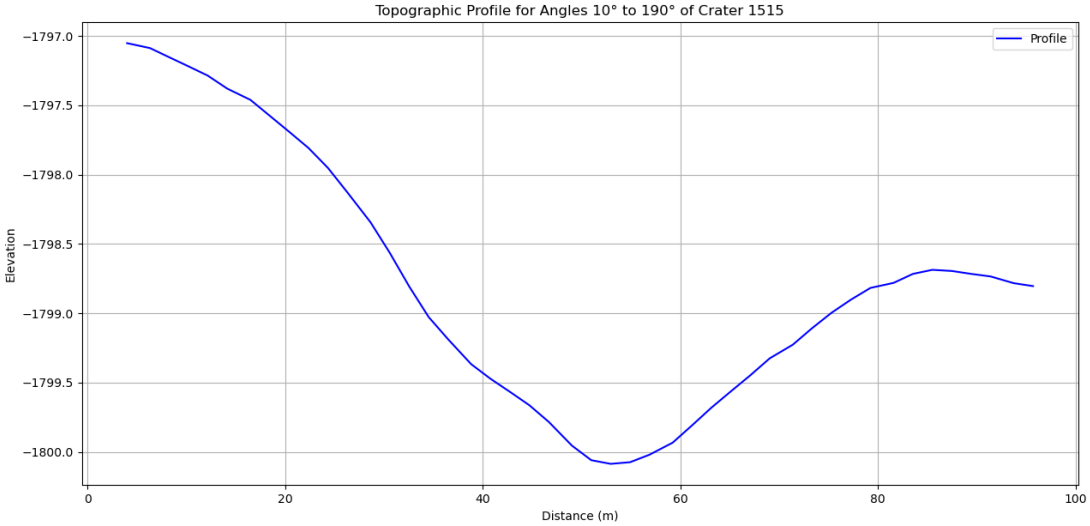
Topographic roughness index (TRI)

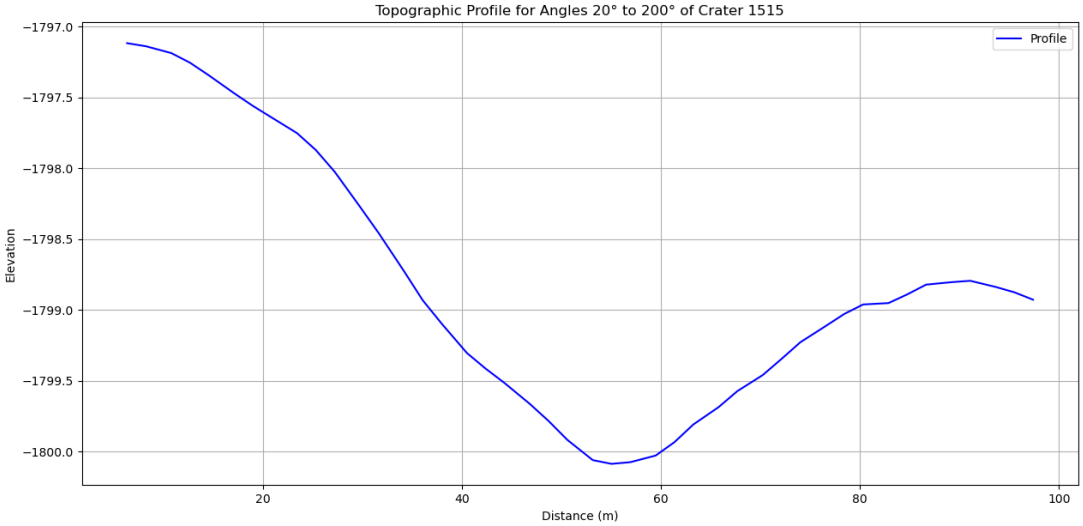
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

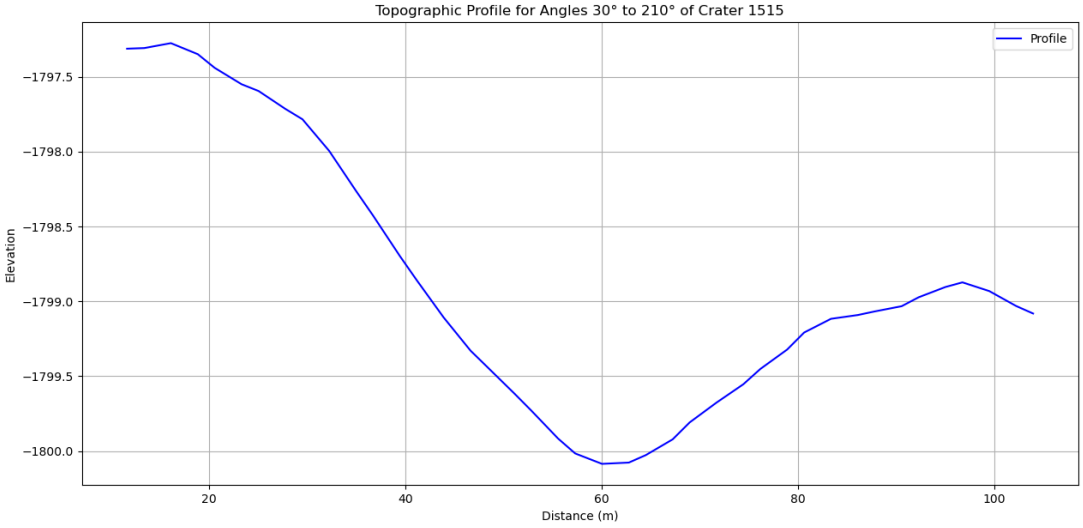


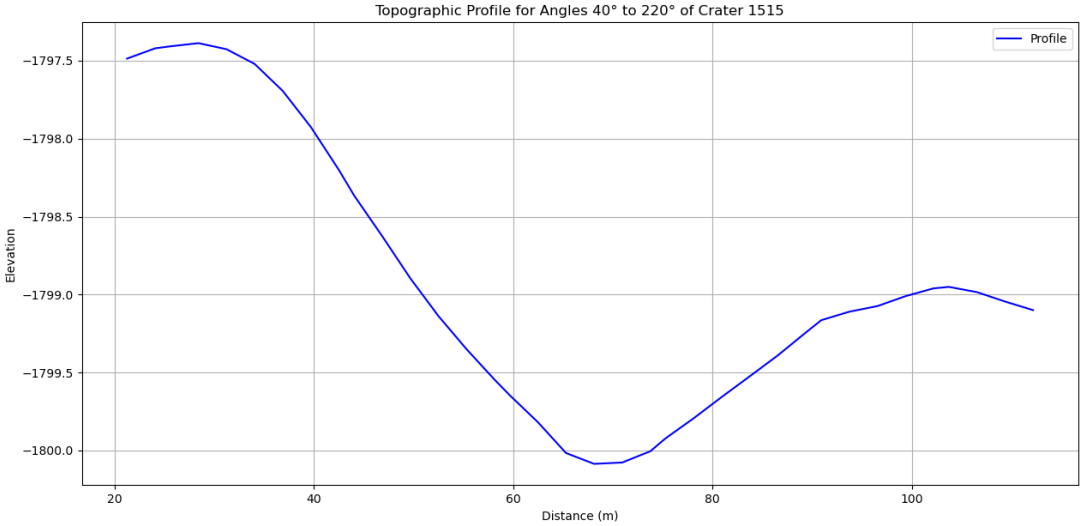
Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 1515
Profile
Elevation
Distance (m)
−1797.0
−1797.5
−1798.0
−1798.5
−1799.0
−1799.5
−1800.0
0
20
40
60
80
100


Topographic Profile for Angles 20° to 200° of Crater 1515
Profile
Elevation
Distance (m)
−1797.0
−1797.5
−1798.0
−1798.5
−1799.0
−1799.5
−1800.0
20
40
60
80
100


Topographic Profile for Angles 30° to 210° of Crater 1515
Profile
Elevation
−1797.5
−1798.0
−1798.5
−1799.0
−1799.5
−1800.0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 40° to 220° of Crater 1515
Profile
Elevation
−1797.5
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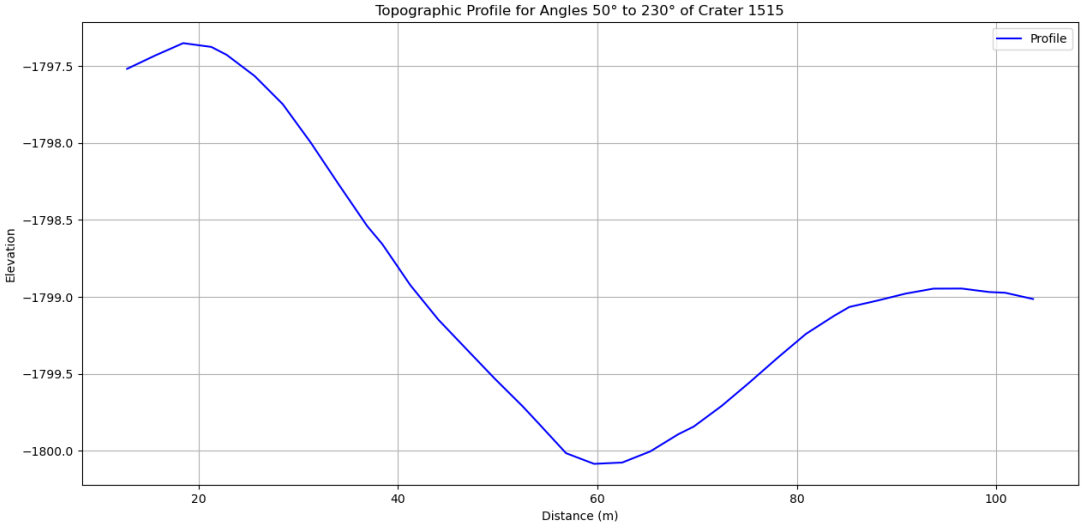
−1798.5
−1799.0
−1799.5
−1800.0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 50° to 230° of Crater 1515
Profile
Elevation
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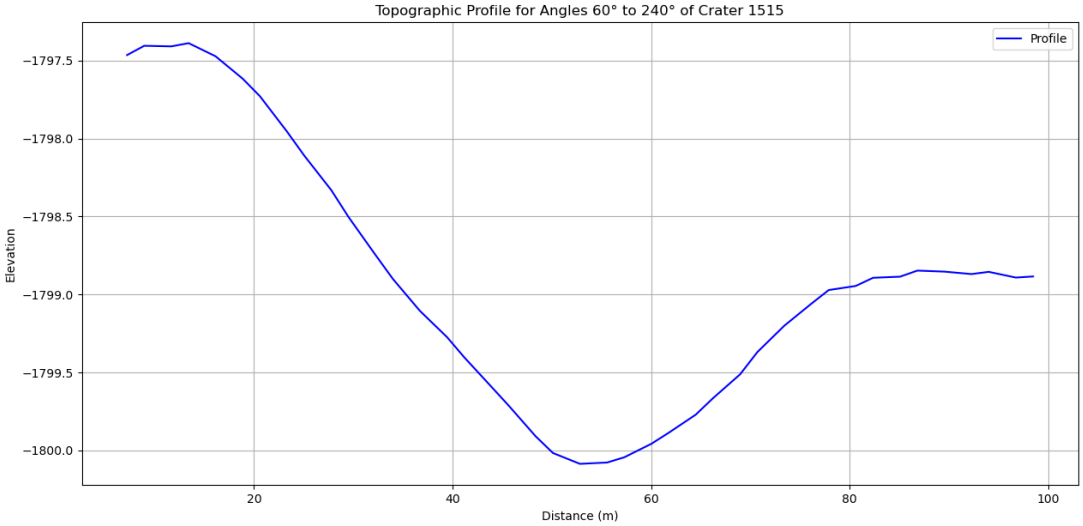
−1798.5
−1799.0
−1799.5
−1800.0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 1515
Profile
Elevation
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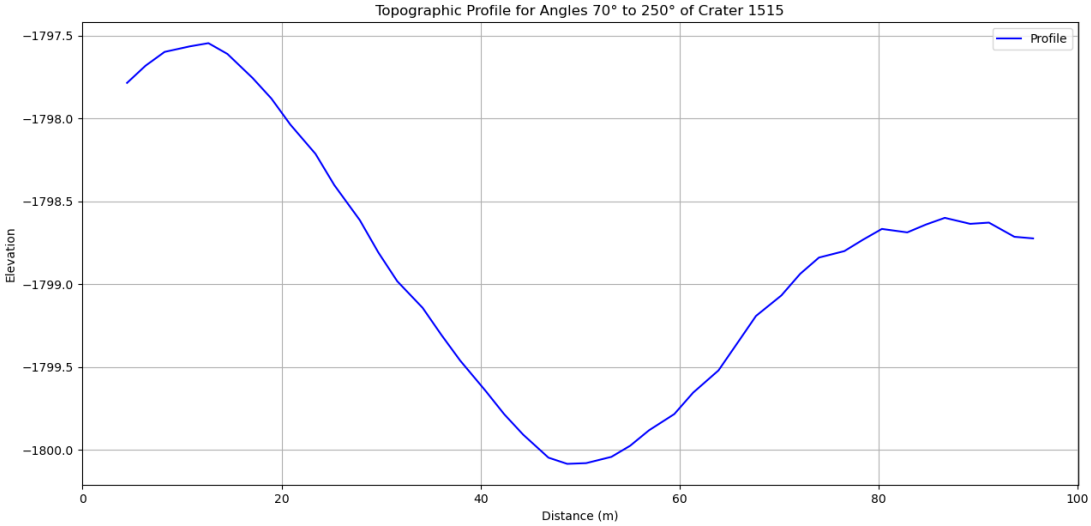
−1798.5
−1799.0
−1799.5
−1800.0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 1515
Profile
Elevation
Distance (m)
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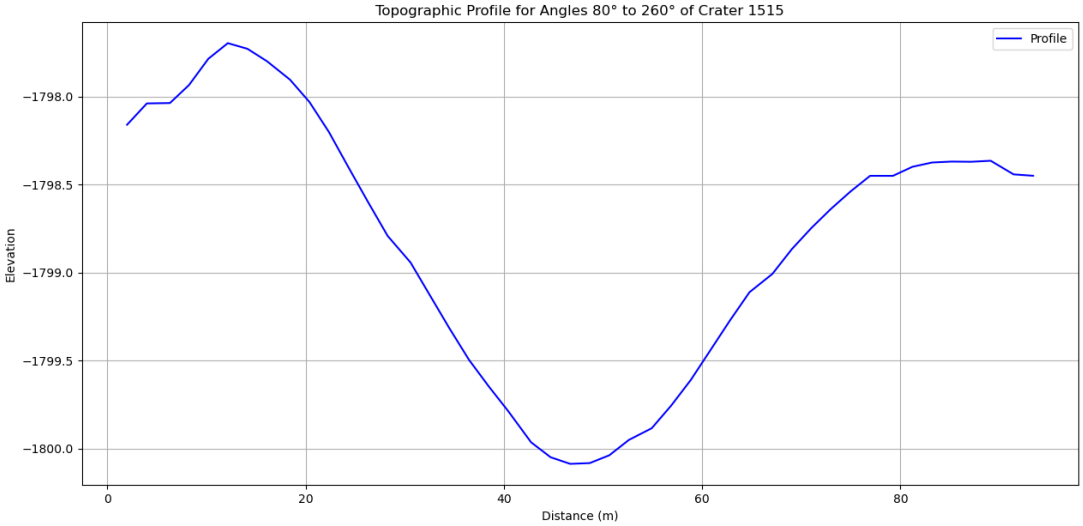
−1798.5
−1799.0
−1799.5
−1800.0
0
20
40
60
80
100


Topographic Profile for Angles 80° to 260° of Crater 1515
Profile
Elevation
Distance (m)
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−1798.5
−1799.0
−1799.5
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0
20
40
60
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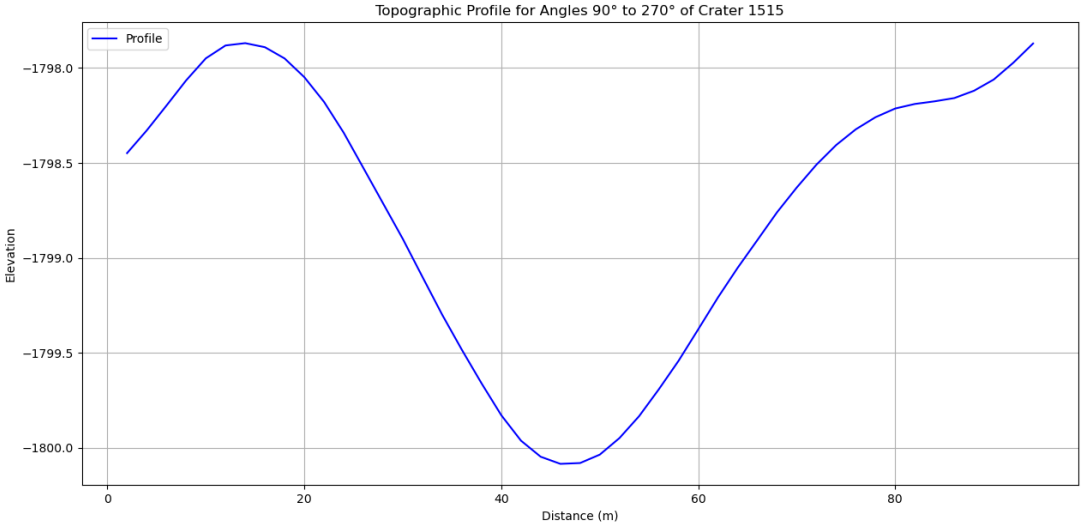
Topographic Profile for Angles 90° to 270° of Crater 1515
Profile
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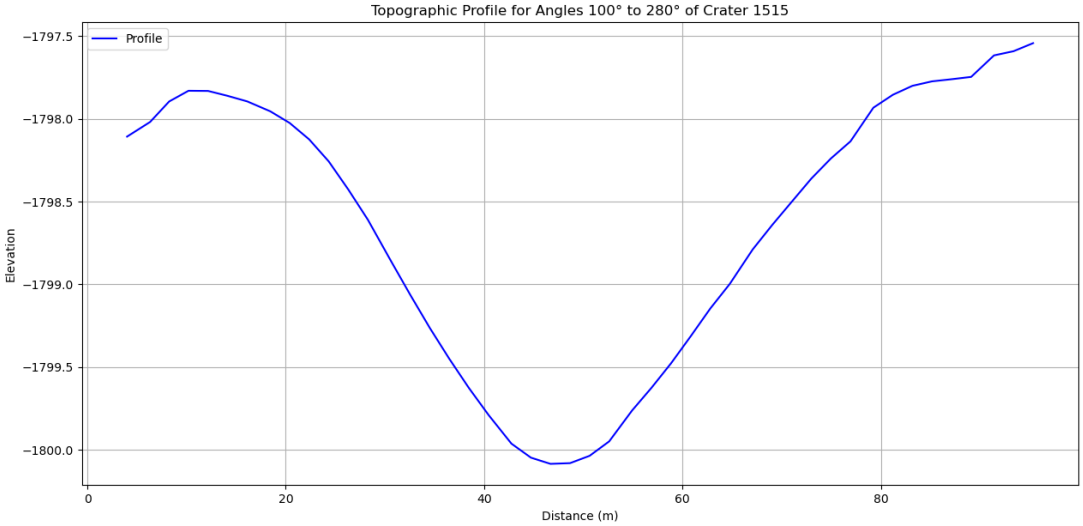
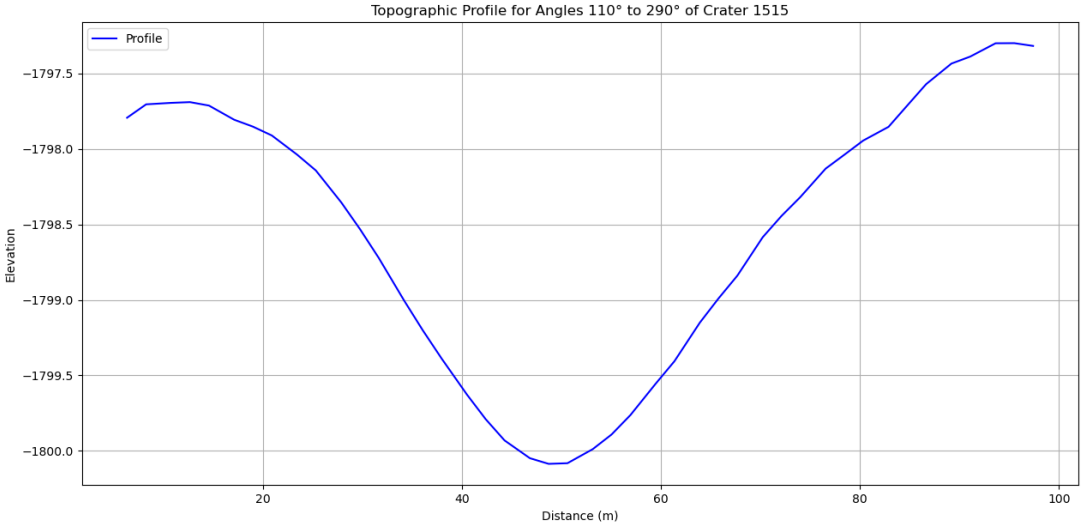
−1798.5
−1799.0
−1799.5
−1800.0
Elevation
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 1515
Profile
−1797.5
−1798.0
−1798.5
−1799.0
−1799.5
−1800.0
Elevation
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 1515
Profile
Elevation
Distance (m)
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−1798.0
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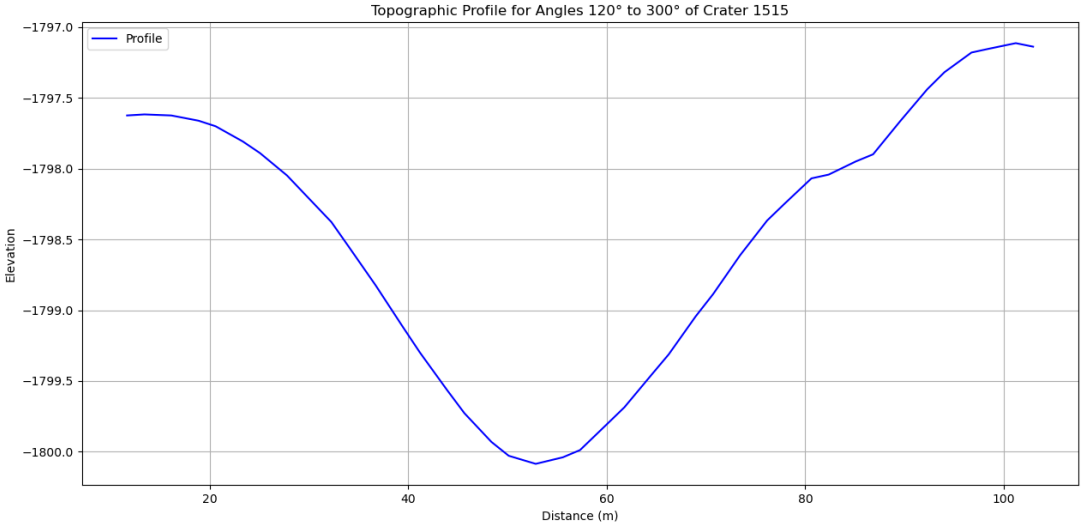
Topographic Profile for Angles 120° to 300° of Crater 1515
Profile
Elevation
Distance (m)
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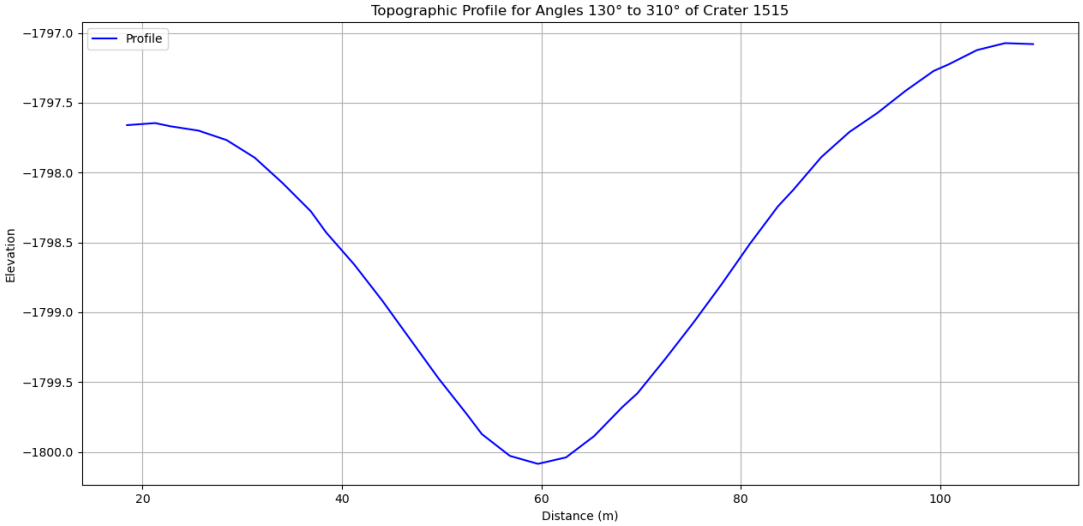
Topographic Profile for Angles 130° to 310° of Crater 1515
Profile
Elevation
Distance (m)
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−1797.5
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−1798.5
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−1800.0
20
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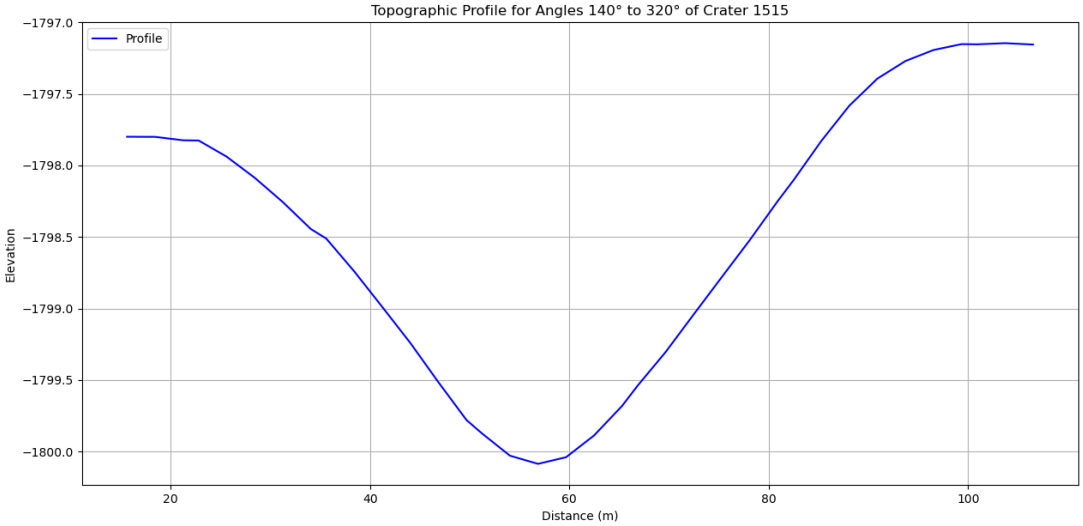
80
100


Topographic Profile for Angles 140° to 320° of Crater 1515
Profile
Elevation
Distance (m)
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−1797.5
−1798.0
−1798.5
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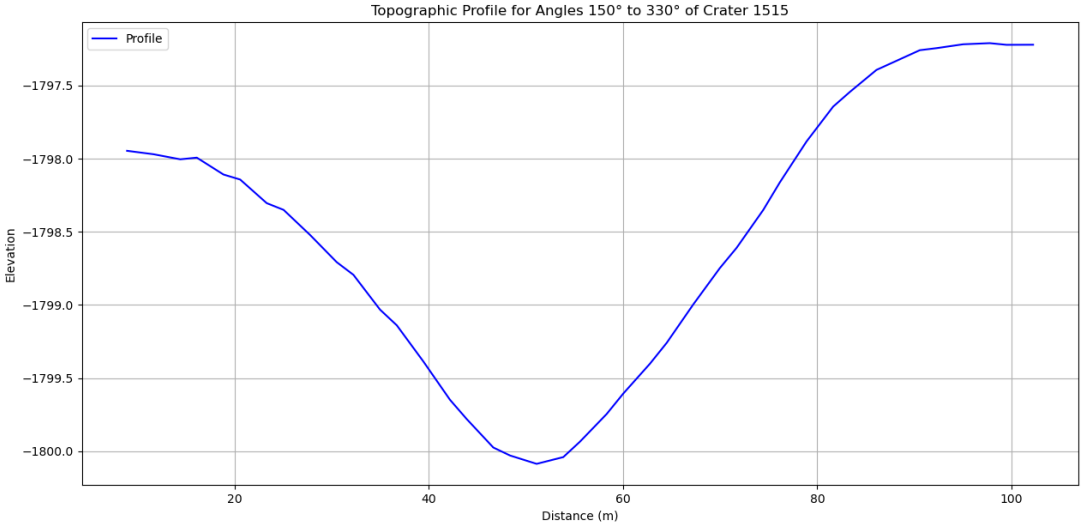
−1799.5
−1800.0
20
40
60
80
100


Topographic Profile for Angles 150° to 330° of Crater 1515
Profile
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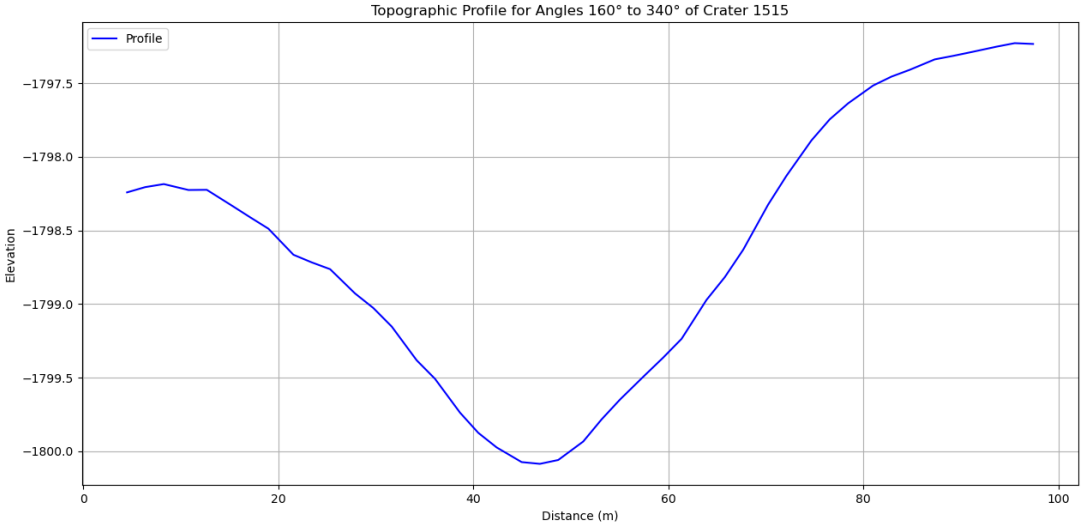
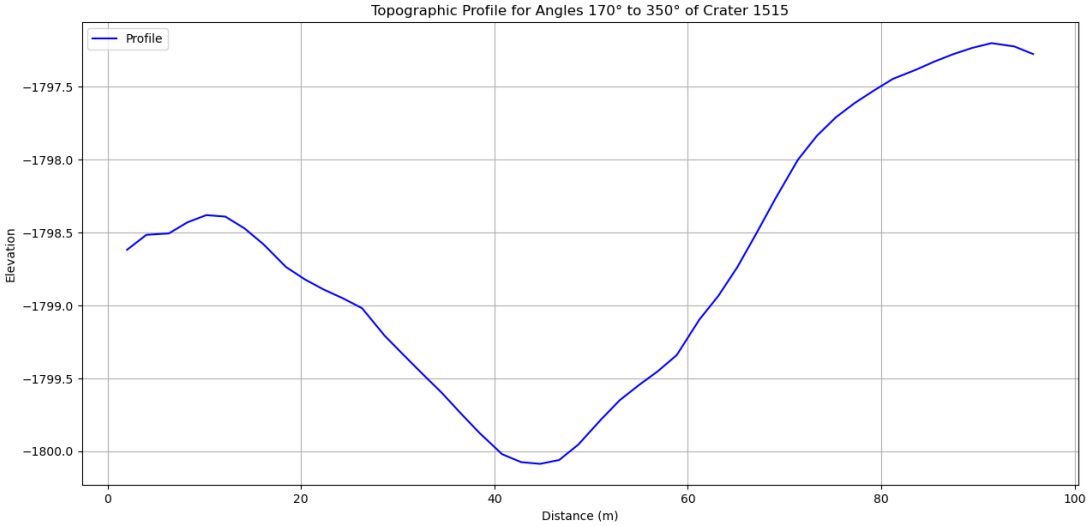
−1798.0
−1798.5
−1799.0
−1799.5
−1800.0
Elevation
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 1515
Profile
−1797.5
−1798.0
−1798.5
−1799.0
−1799.5
−1800.0
Elevation
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 1515
Profile
Elevation
−1797.5
−1798.0
−1798.5
−1799.0
−1799.5
−1800.0
0
20
40
60
80
100
Distance (m)