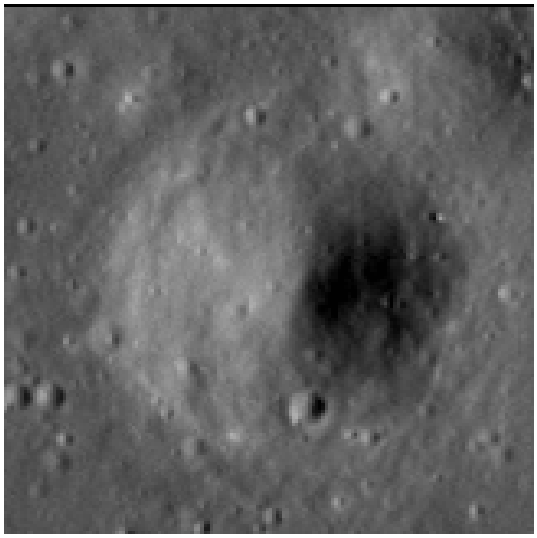
Crater report 3291 of RG2

General information



ID : 3291

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : B

Mean Diameter : 71m ± 6.0m

Mean depht : 7.4m ± 0.2m

d/D ratio : 0.104 ± 0.01

Circularity index : 0.92

Slope : Between 13.15° et 16.85°

Mean value of TRI on the rim crest : 0.55

Geometric center coordinates : (3655262.275141479, 210822.34556902526)

Coordinates of the crater's lowest point : (3655269.0000011, 210821.0000000621)

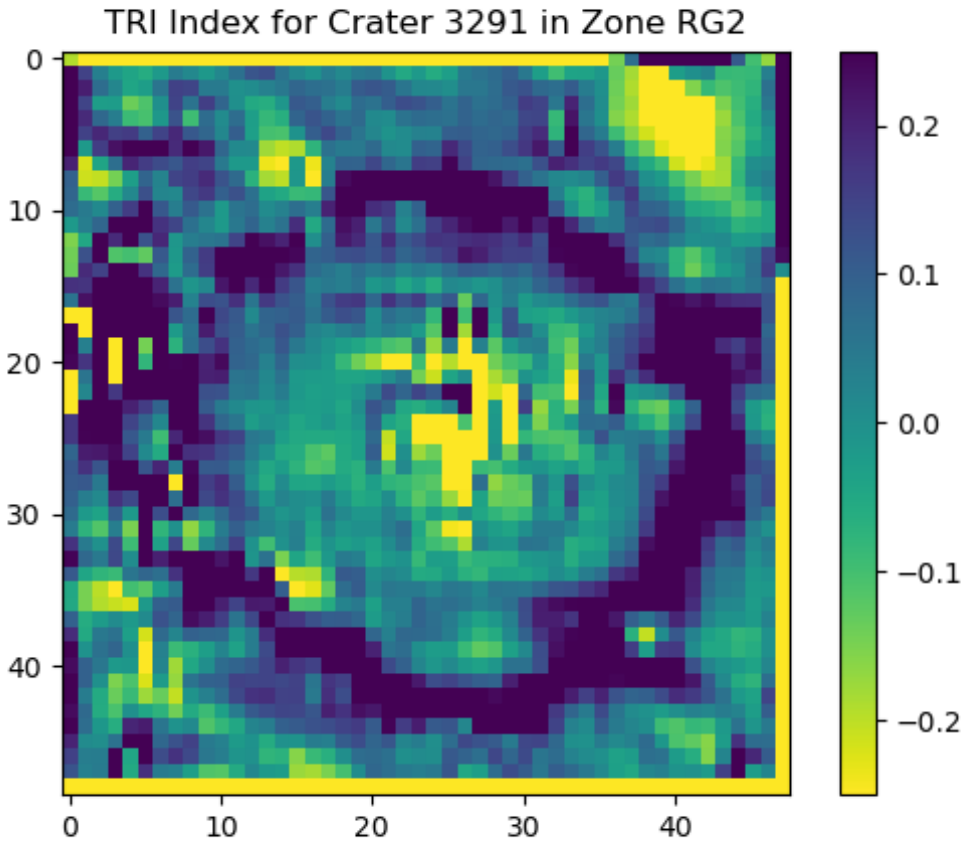
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	15.77	0.56
10°	16.7	0.54
20°	16.1	0.52
30°	14.84	0.49
40°	14.47	0.43
50°	14.81	0.43
60°	15.2	0.49
70°	15.37	0.5
80°	15.77	0.54
90°	15.51	0.56
100°	14.49	0.53
110°	14.21	0.52

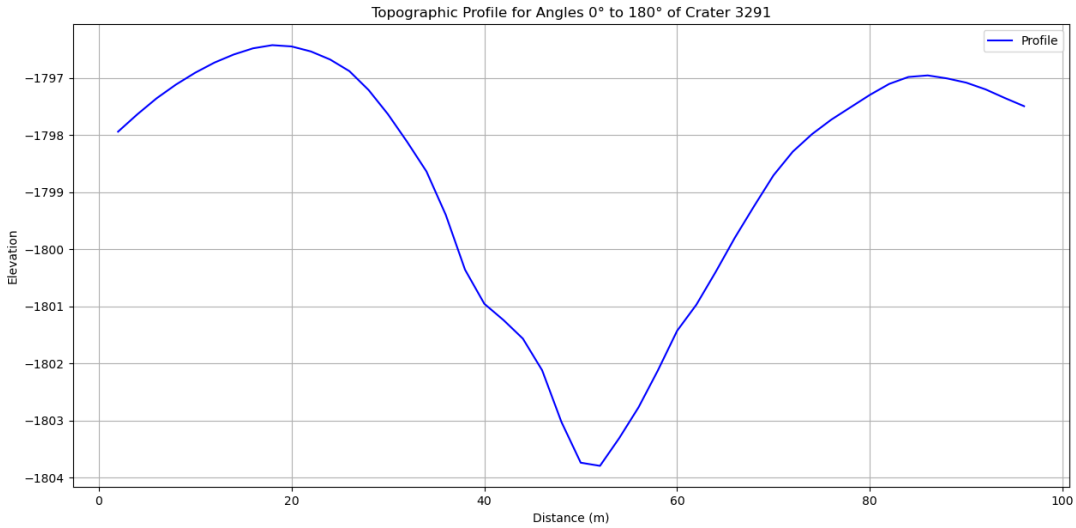
120°	14.58	0.46
130°	14.91	0.44
140°	15.0	0.44
150°	14.34	0.46
160°	14.01	0.52
170°	14.43	0.52
180°	15.28	0.56
190°	14.9	0.54
200°	14.3	0.5
210°	14.75	0.48
220°	15.01	0.43
230°	13.87	0.42
240°	13.15	0.48
250°	13.42	0.52
260°	13.96	0.55
270°	15.14	0.56
280°	15.37	0.55
290°	15.19	0.52
300°	15.56	0.47
310°	15.44	0.43
320°	16.85	0.43
330°	15.61	0.49
340°	15.58	0.52
350°	15.64	0.54

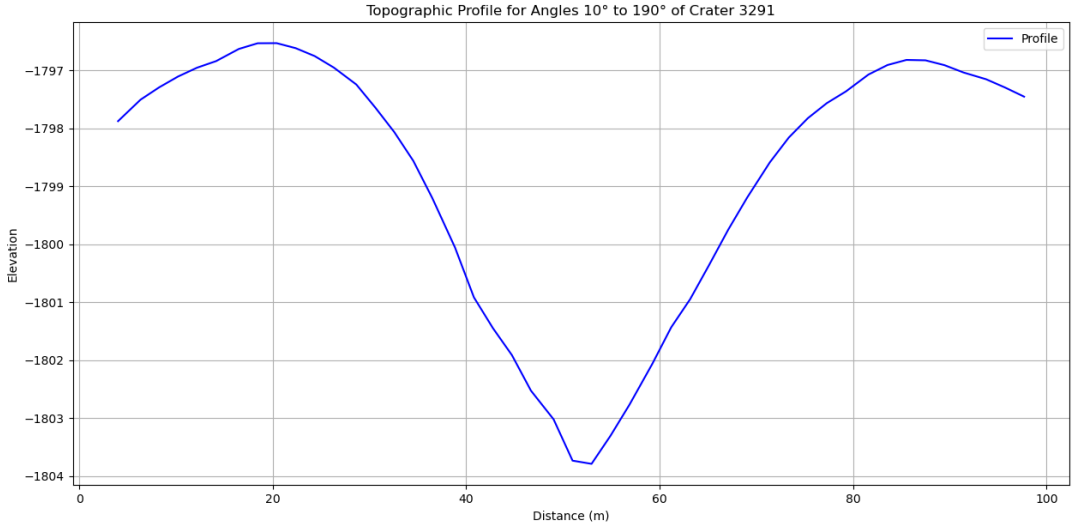
Topographic roughness index (TRI)

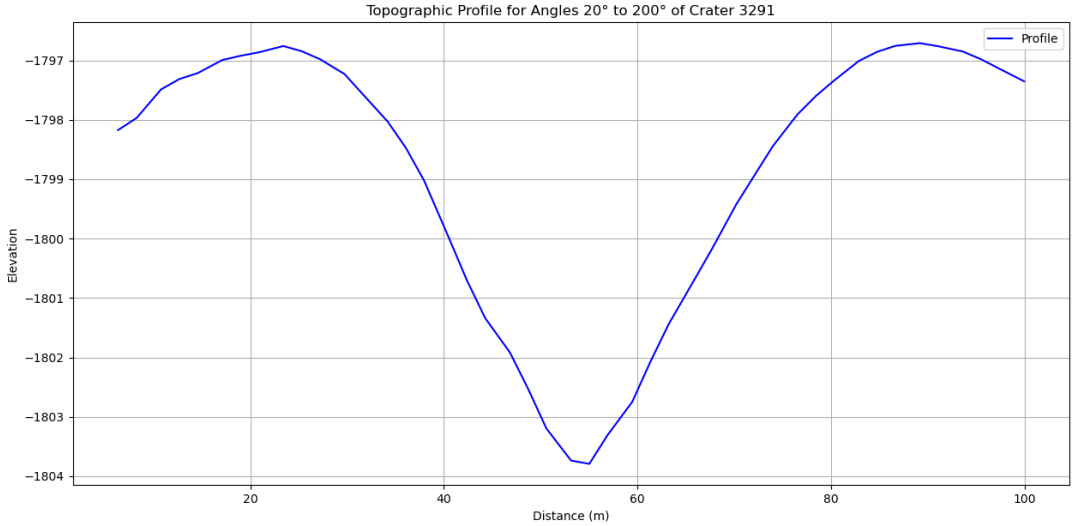
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

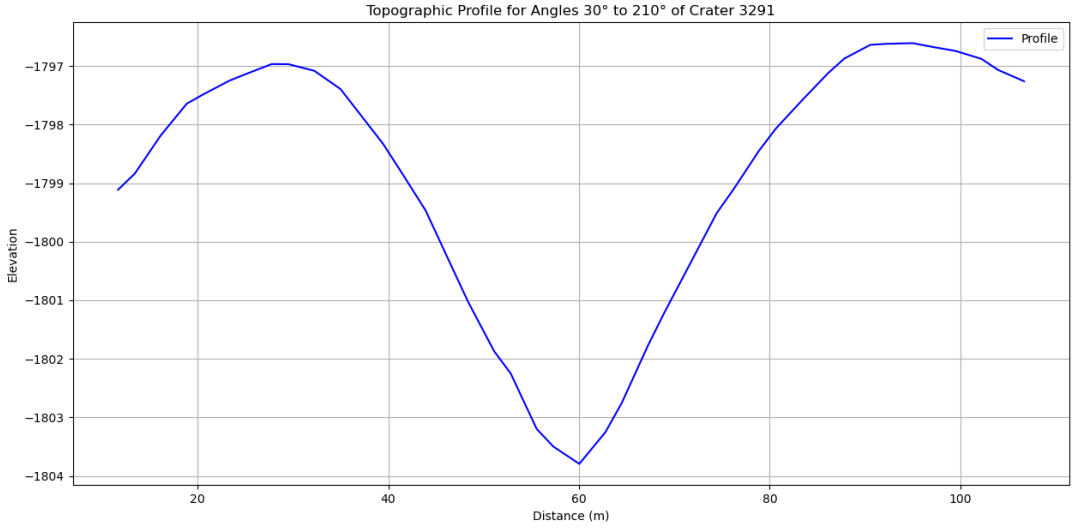


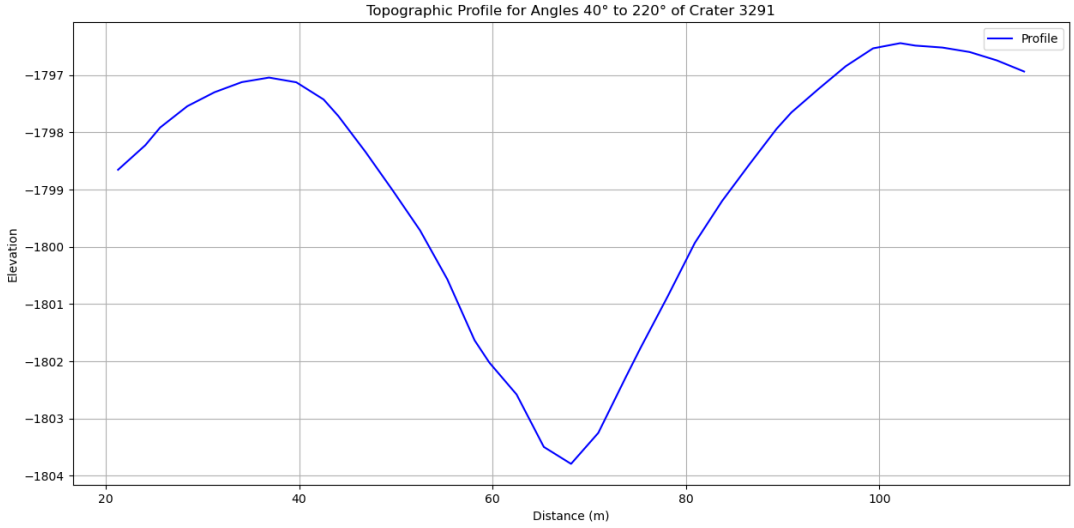
Topographic profiles

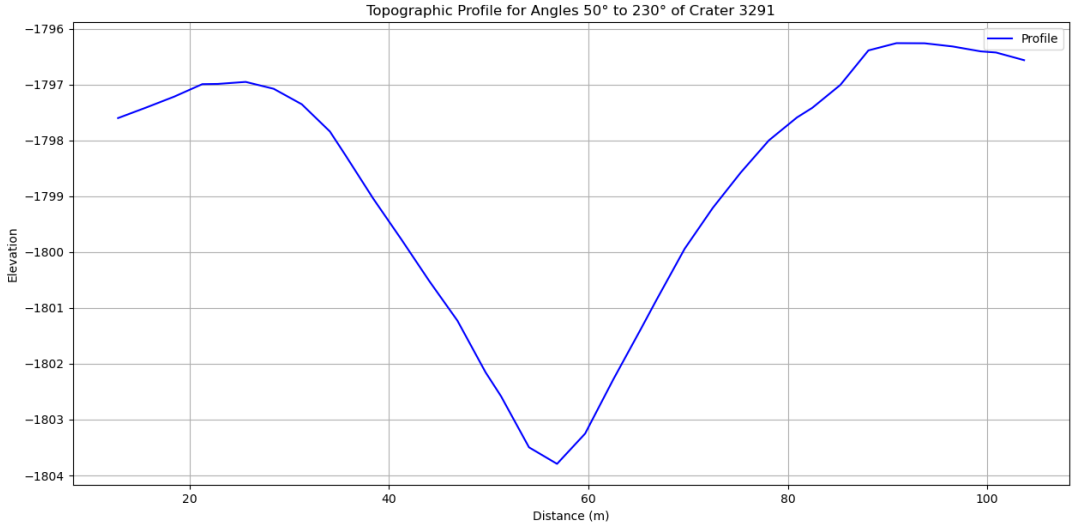


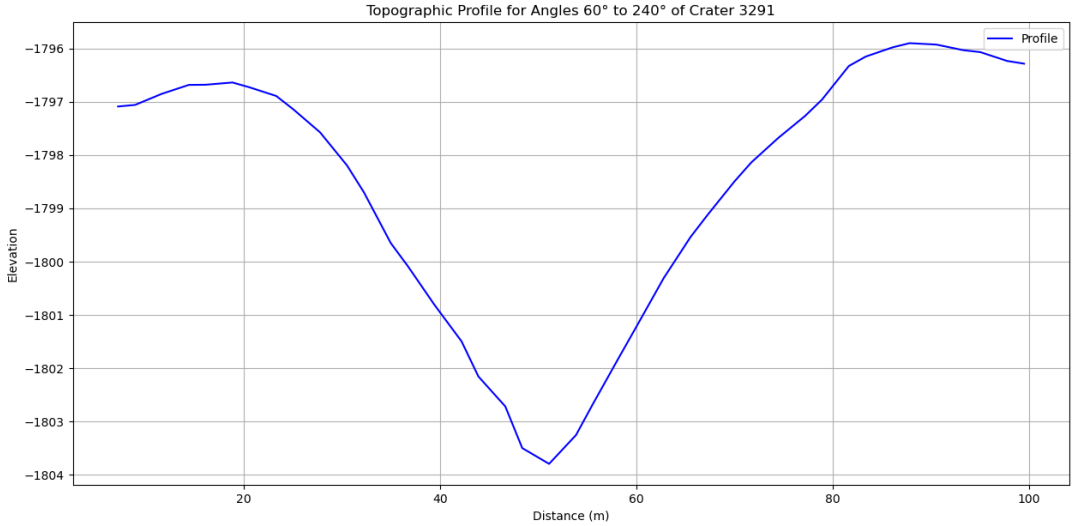

Topographic Profile for Angles 10° to 190° of Crater 3291
Profile
Elevation
−1797
−1798
−1799
−1800
−1801
−1802
−1803
−1804
0
20
40
60
80
100
Distance (m)

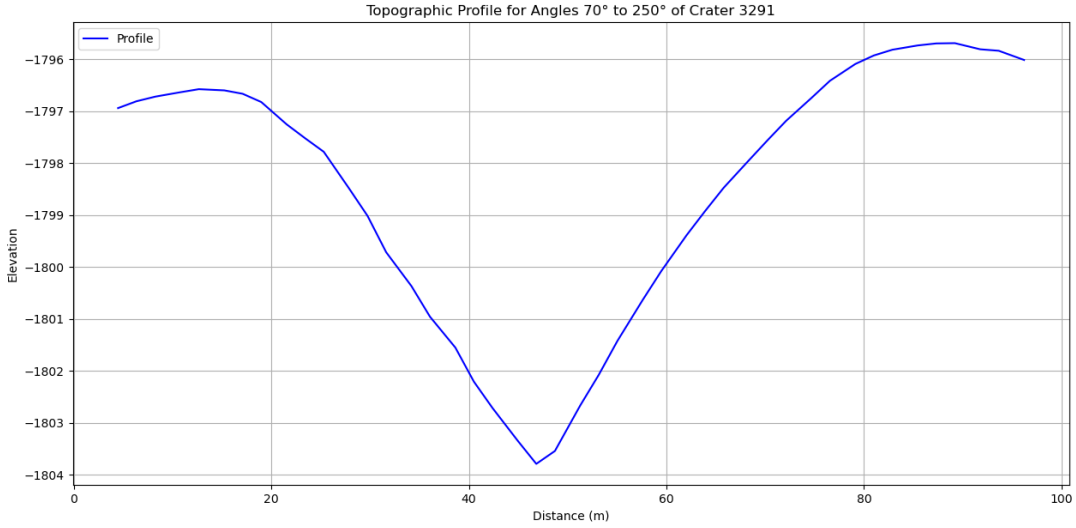

Topographic Profile for Angles 20° to 200° of Crater 3291
Profile
Elevation
−1797
−1798
−1799
−1800
−1801
−1802
−1803
−1804
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 3291
Profile
Elevation
Distance (m)
−1797
−1798
−1799
−1800
−1801
−1802
−1803
−1804
20
40
60
80
100


Topographic Profile for Angles 40° to 220° of Crater 3291
Profile
Elevation
Distance (m)
−1797
−1798
−1799
−1800
−1801
−1802
−1803
−1804
20
40
60
80
100


Topographic Profile for Angles 50° to 230° of Crater 3291
Profile
Elevation
Distance (m)
−1796
−1797
−1798
−1799
−1800
−1801
−1802
−1803
−1804
20
40
60
80
100


Topographic Profile for Angles 60° to 240° of Crater 3291
Profile
Elevation
Distance (m)
−1796
−1797
−1798
−1799
−1800
−1801
−1802
−1803
−1804
20
40
60
80
100


Topographic Profile for Angles 70° to 250° of Crater 3291
Profile
Elevation
Distance (m)
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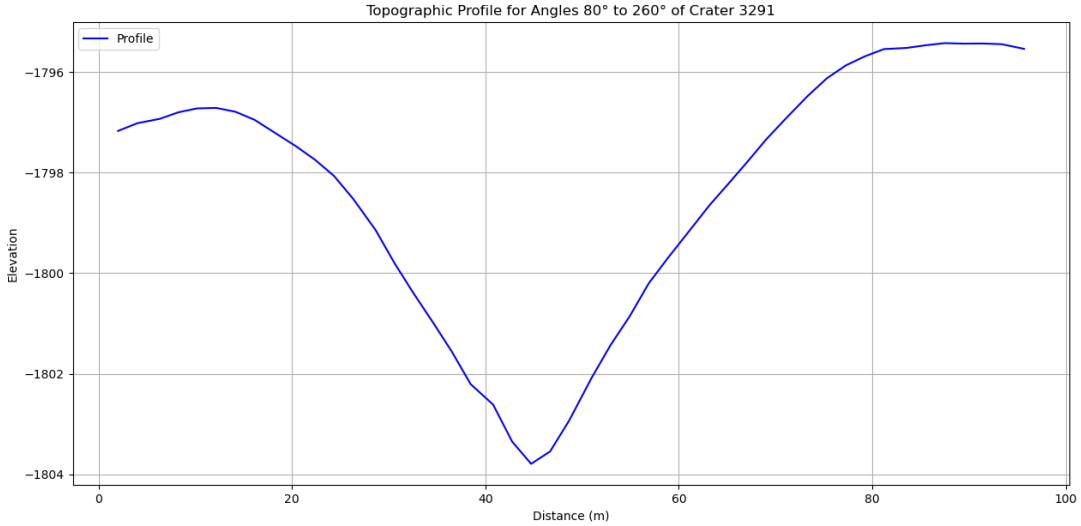
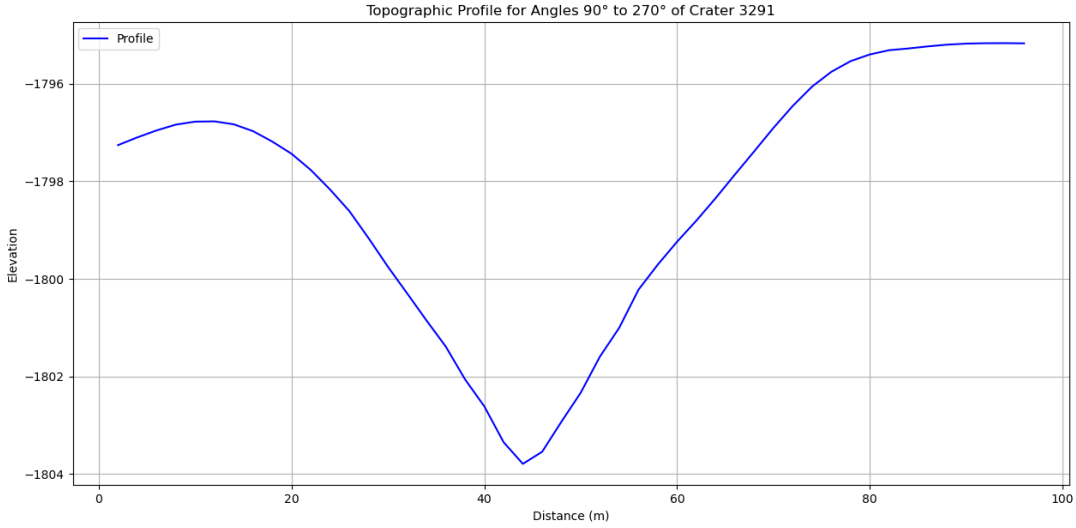
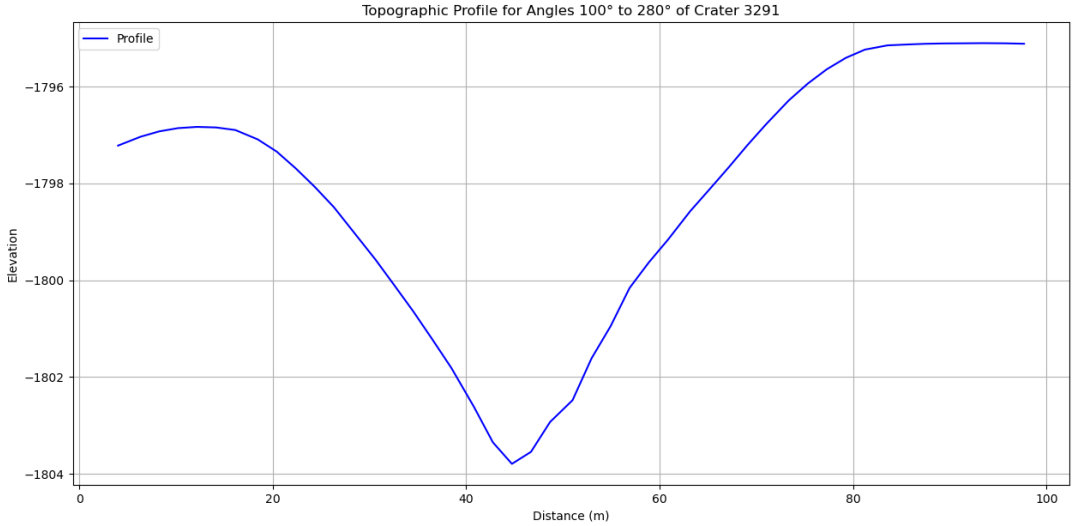
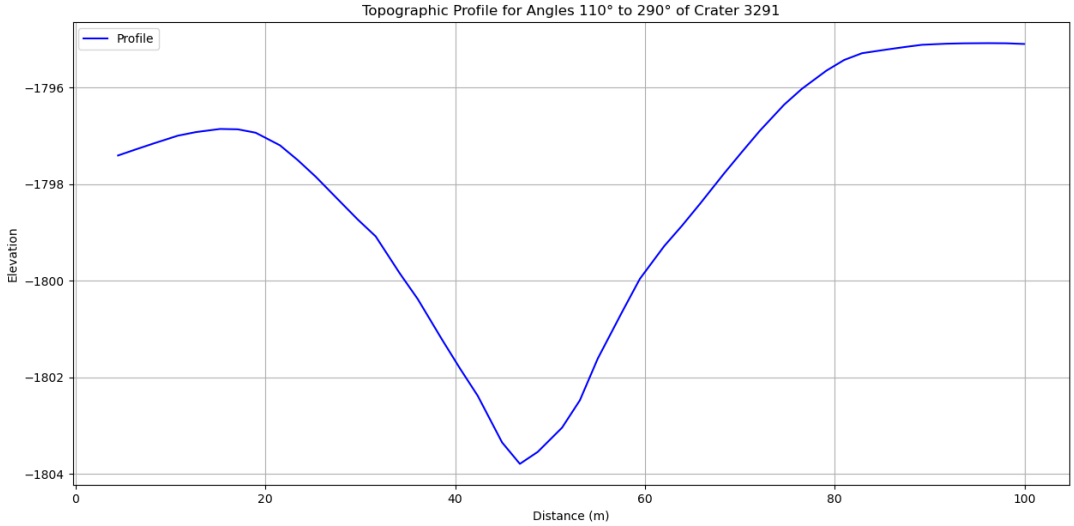
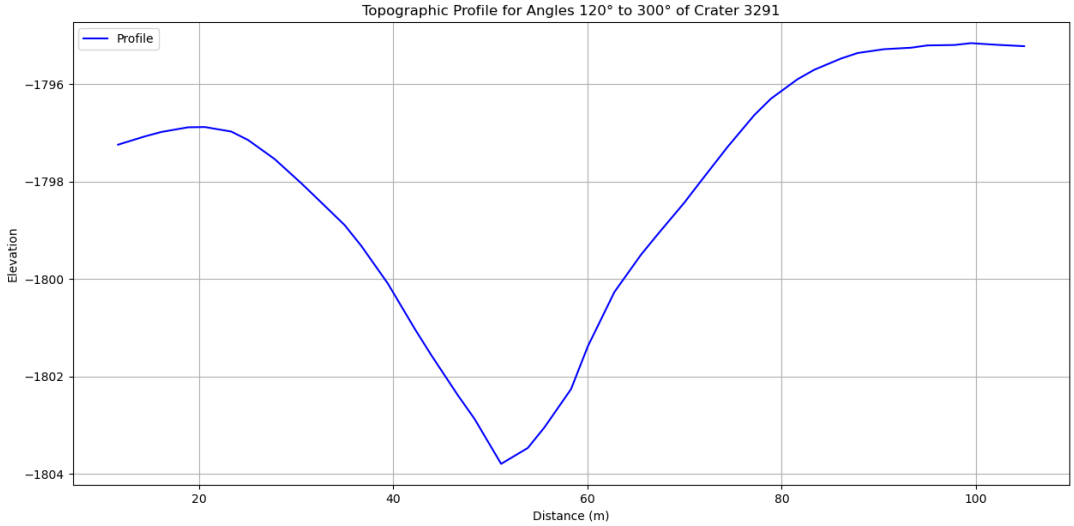
−1797
−1798
−1799
−1800
−1801
−1802
−1803
−1804
0
20
40
60
80
100

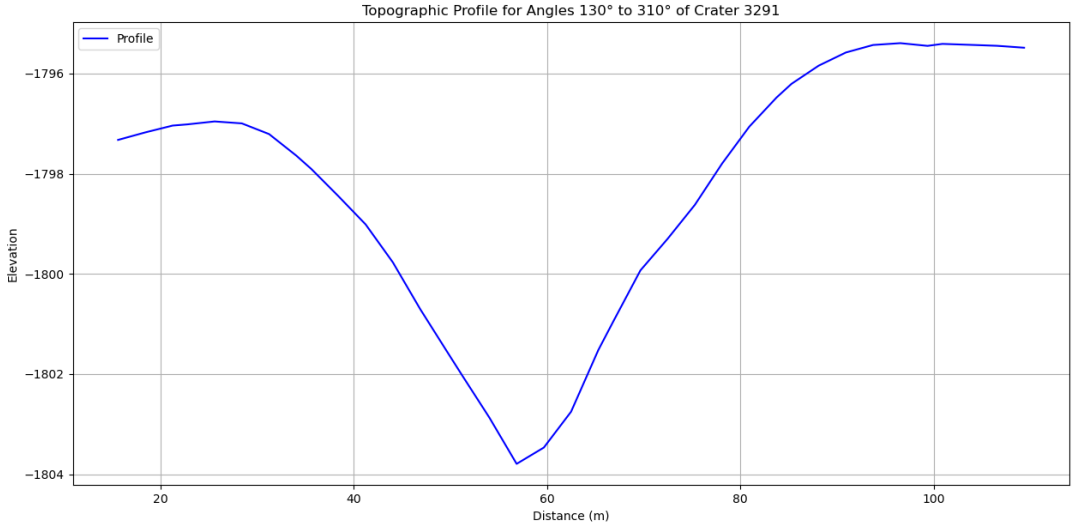

Topographic Profile for Angles 80° to 260° of Crater 3291
Profile
Elevation
Distance (m)
−1796
−1798
−1800
−1802
−1804
0
20
40
60
80
100


Topographic Profile for Angles 90° to 270° of Crater 3291
Profile
Elevation
−1796
−1798
−1800
−1802
−1804
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 3291
Profile
Elevation
−1796
−1798
−1800
−1802
−1804
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 3291
Profile
Elevation
−1796
−1798
−1800
−1802
−1804
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 120° to 300° of Crater 3291
Profile
Elevation
−1796
−1798
−1800
−1802
−1804
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 3291
Profile
Elevation
Distance (m)
−1796
−1798
−1800
−1802
−1804
20
40
60
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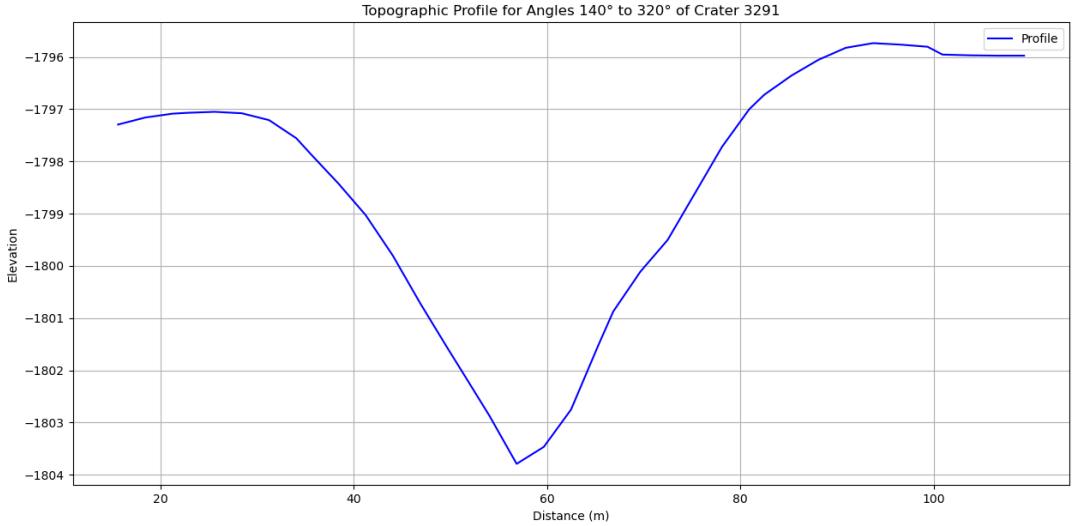
100


Topographic Profile for Angles 140° to 320° of Crater 3291
Profile
Elevation
Distance (m)
−1796
−1797
−1798
−1799
−1800
−1801
−1802
−1803
−1804
20
40
60
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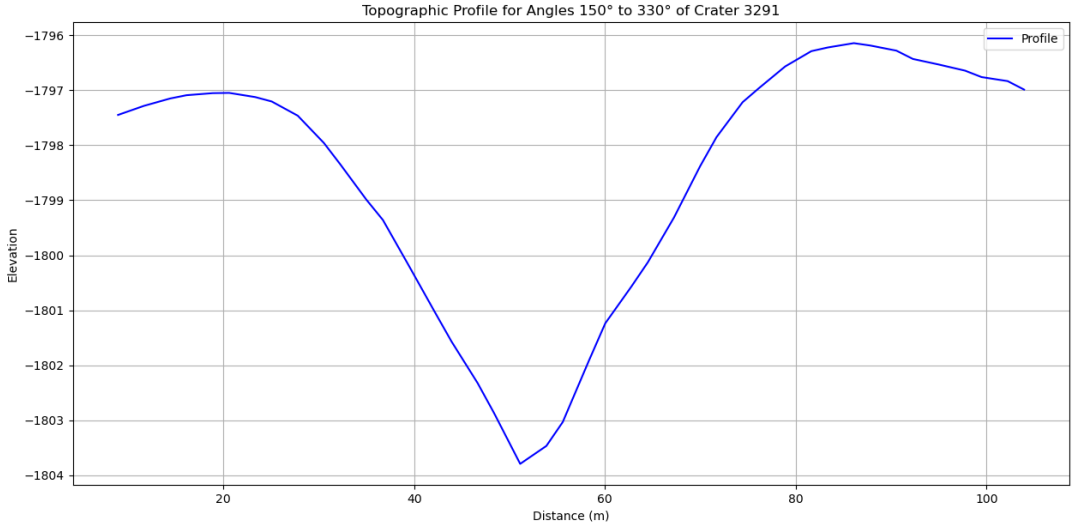
Topographic Profile for Angles 150° to 330° of Crater 3291
Profile
Elevation
Distance (m)
−1796
−1797
−1798
−1799
−1800
−1801
−1802
−1803
−1804
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40
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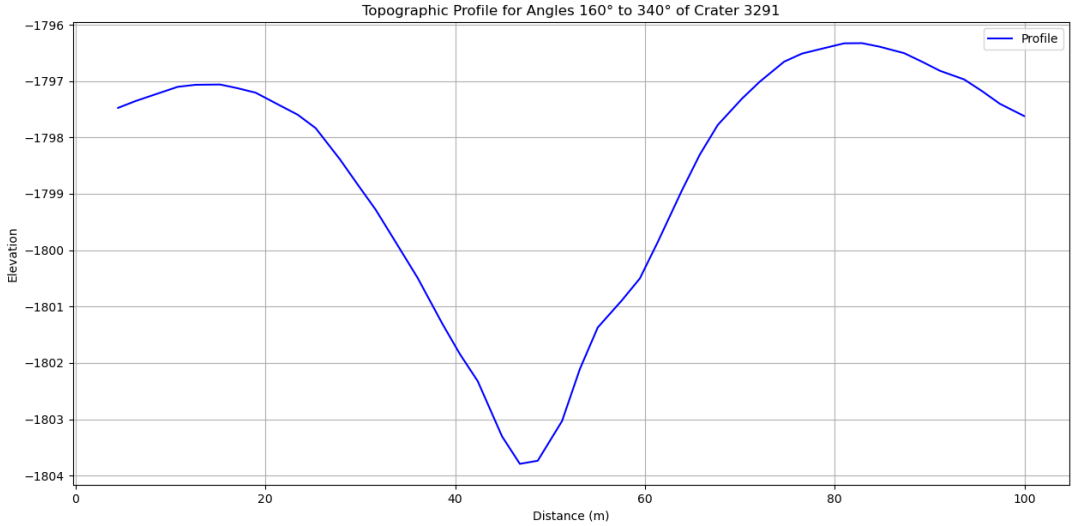
Topographic Profile for Angles 160° to 340° of Crater 3291
Profile
Elevation
Distance (m)
−1796
−1797
−1798
−1799
−1800
−1801
−1802
−1803
−1804
0
20
40
60
80
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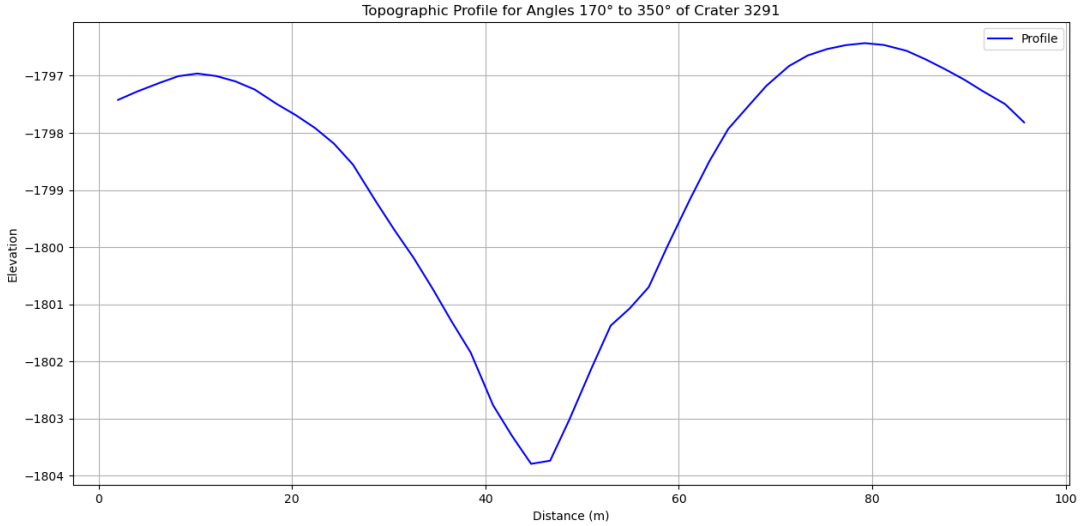
Topographic Profile for Angles 170° to 350° of Crater 3291
Profile
Elevation
−1797
−1798
−1799
−1800
−1801
−1802
−1803
−1804
0
20
40
60
80
100
Distance (m)