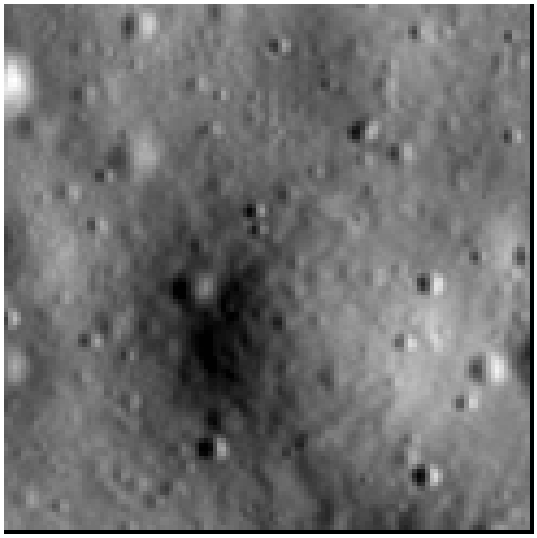
Crater report 3131 of RG5

General information



ID : 3131

Study area : RG5

Swirl : on-swirl

Morphology : Bowl-shaped

Mean Diameter : 128m ± 6.0m

Mean depht : 5.0m ± 0.7m

d/D ratio : 0.039 ± 0.006

Circularity index : 0.92

Mean slope : 4.96

Geometric center coordinates : (3644697.819, 219843.1596)

Coordinates of the crater's lowest point : (3644717.4999998994, 219817.49999999072)

Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	4.73	0.27
10°	4.62	0.26
20°	4.52	0.25
30°	4.15	0.24
40°	4.07	0.25
50°	3.65	0.25
60°	3.76	0.25
70°	4.0	0.27
80°	4.67	0.26
90°	5.2	0.27
100°	5.42	0.26
110°	5.77	0.24
120°	5.85	0.25

130°	6.36	0.22
140°	6.31	0.2
150°	5.94	0.21
160°	5.72	0.22
170°	5.82	0.21
180°	5.93	0.21
190°	5.62	0.21
200°	5.31	0.2
210°	5.32	0.19
220°	5.52	0.19
230°	5.37	0.2
240°	5.05	0.21
250°	4.73	0.2
260°	4.83	0.21
270°	5.11	0.23
280°	4.74	0.21
290°	4.52	0.2
300°	4.59	0.2
310°	4.48	0.19
320°	4.27	0.2
330°	3.86	0.23
340°	4.15	0.25
350°	4.44	0.26

Topographic roughness index (TRI)

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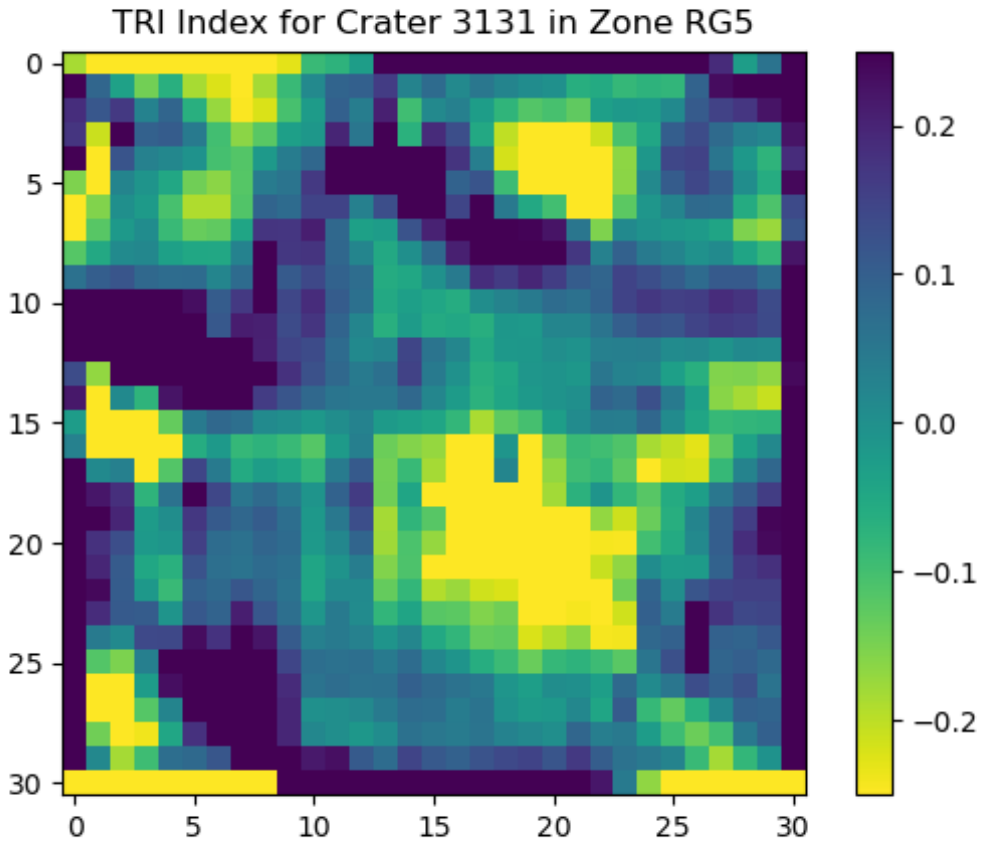
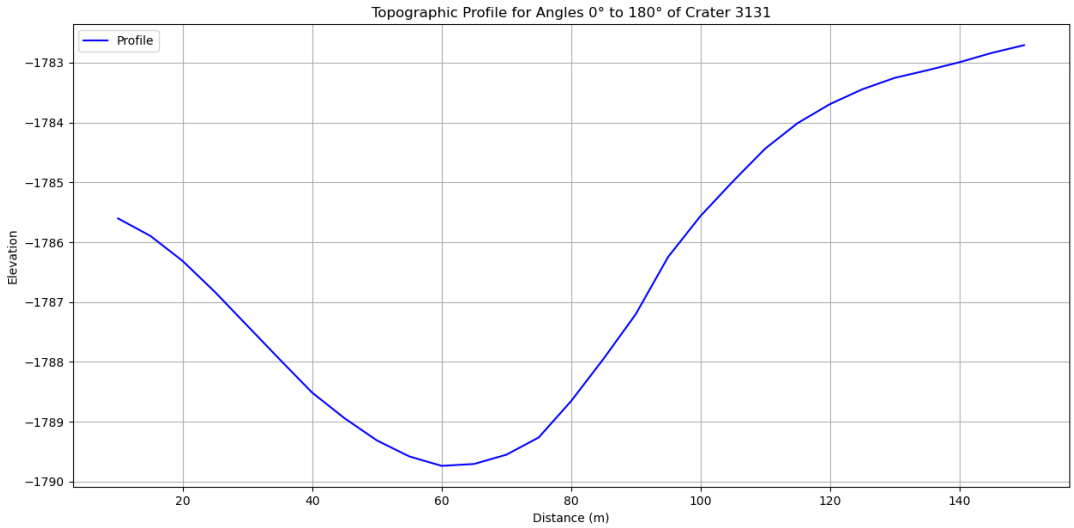
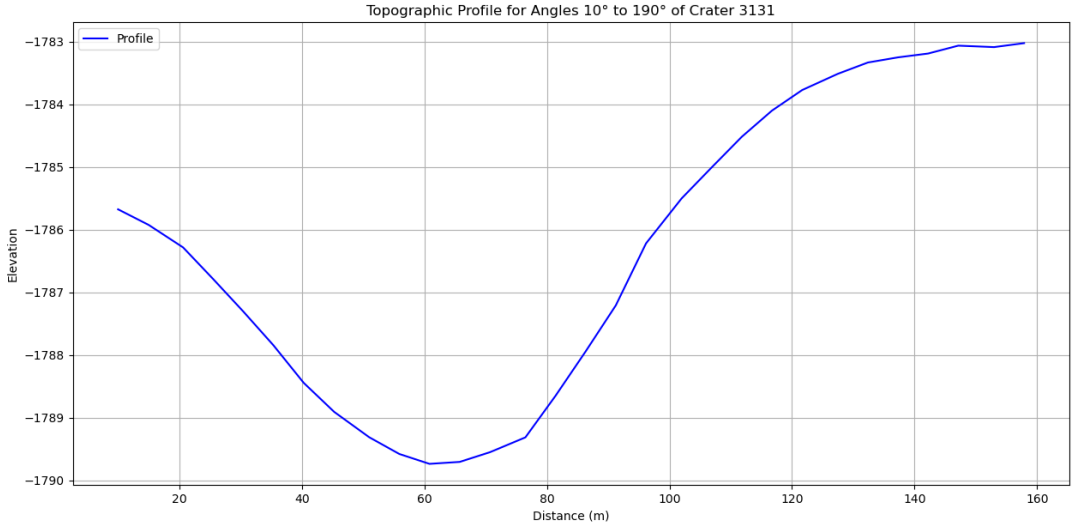


Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 3131
Profile
Elevation
Distance (m)
−1783
−1784
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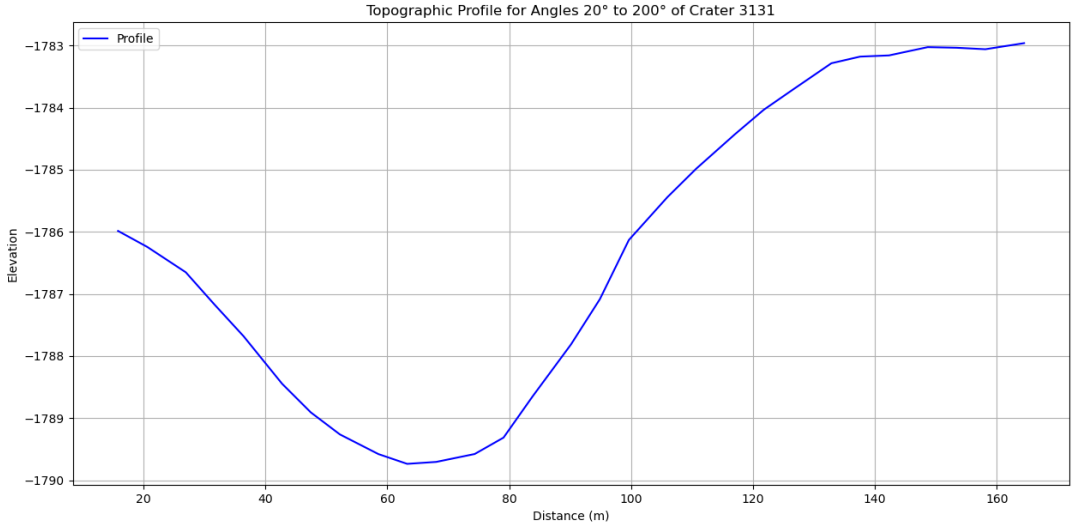
Topographic Profile for Angles 20° to 200° of Crater 3131
Profile
Elevation
Distance (m)
−1783
−1784
−1785
−1786
−1787
−1788
−1789
−1790
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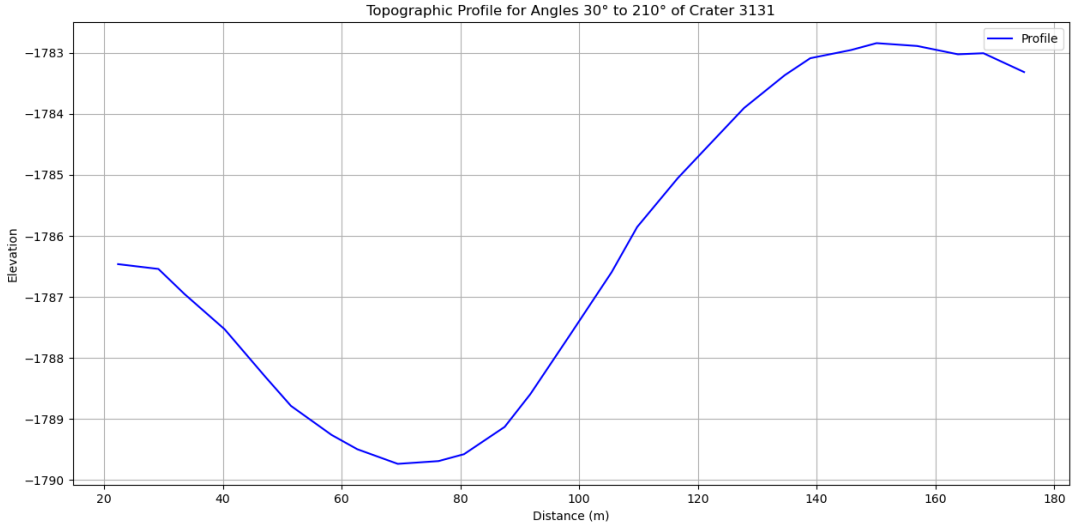
100
120
140
160


Topographic Profile for Angles 30° to 210° of Crater 3131
Profile
Elevation
Distance (m)
−1783
−1784
−1785
−1786
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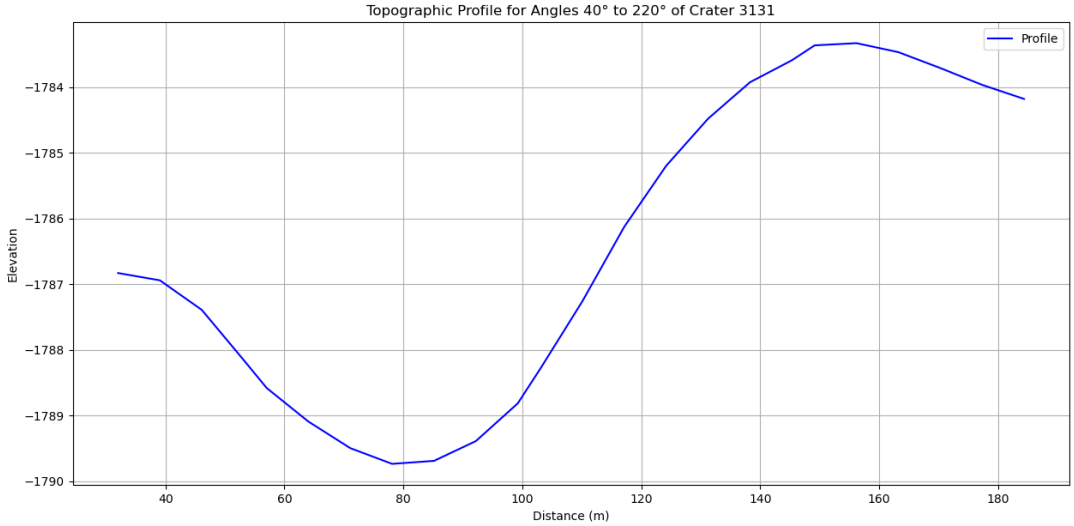
Topographic Profile for Angles 40° to 220° of Crater 3131
Profile
Elevation
Distance (m)
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−1786
−1787
−1788
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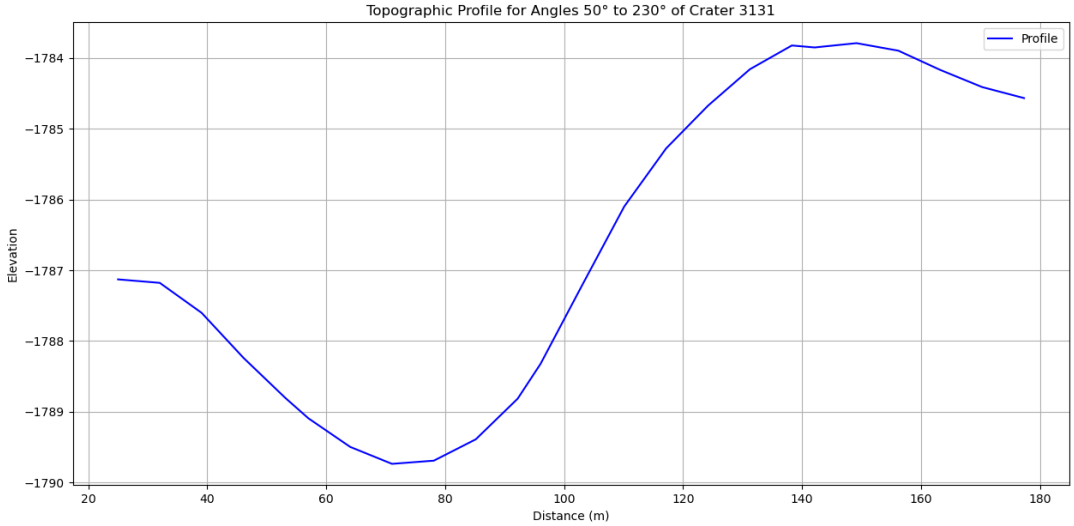
Topographic Profile for Angles 50° to 230° of Crater 3131
Profile
Elevation
Distance (m)
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−1786
−1787
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140
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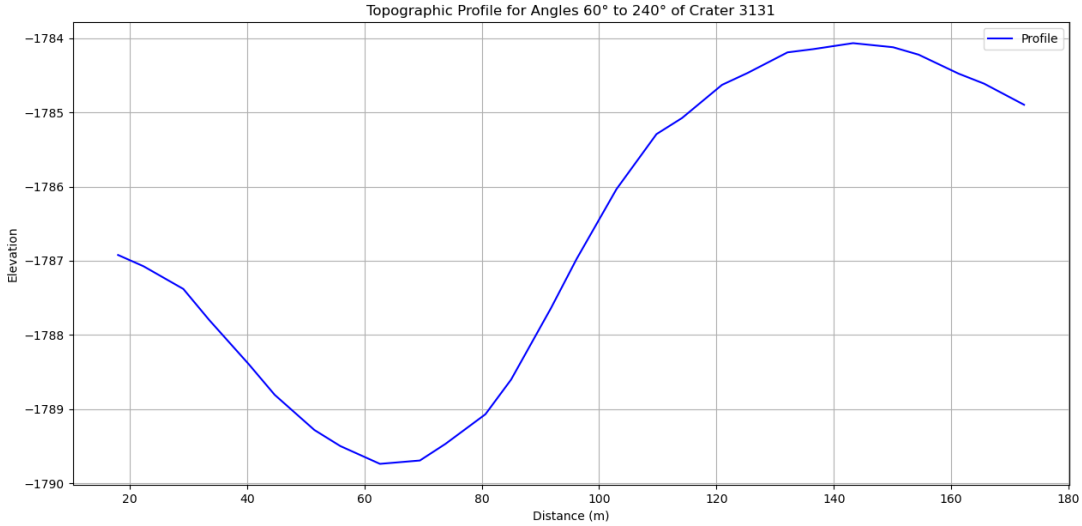
Topographic Profile for Angles 60° to 240° of Crater 3131
Profile
Elevation
Distance (m)
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−1785
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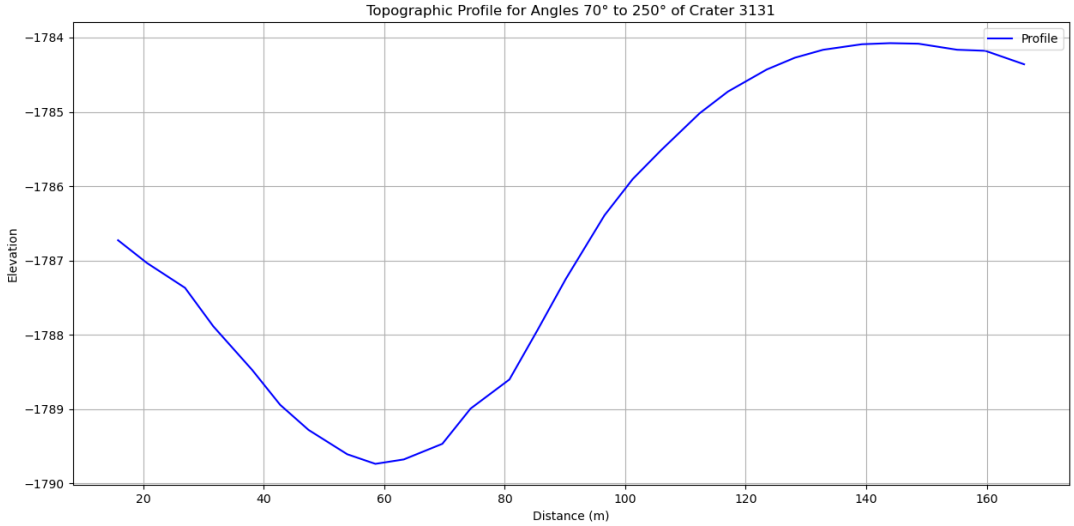
Topographic Profile for Angles 70° to 250° of Crater 3131
Profile
Elevation
Distance (m)
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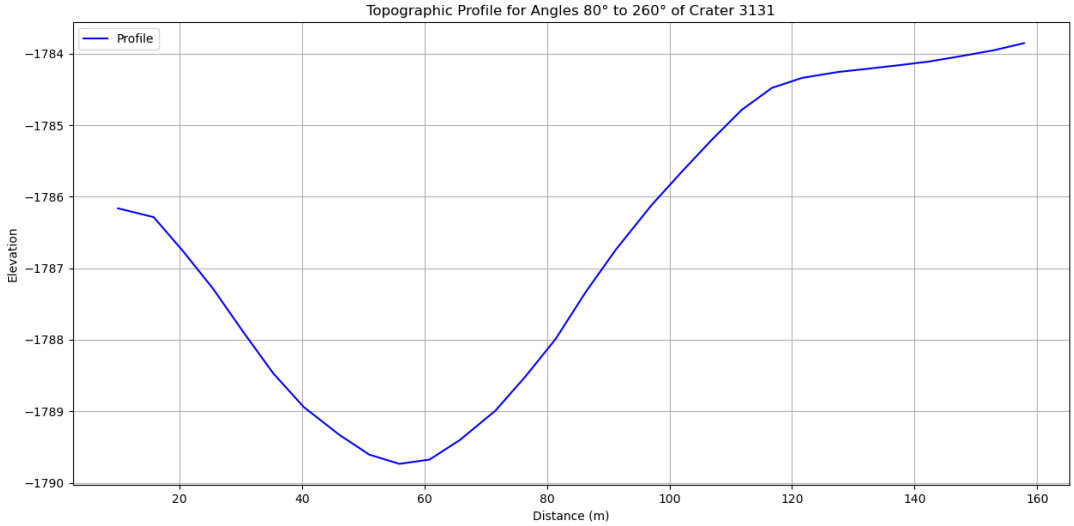
Topographic Profile for Angles 80° to 260° of Crater 3131
Profile
Elevation
Distance (m)
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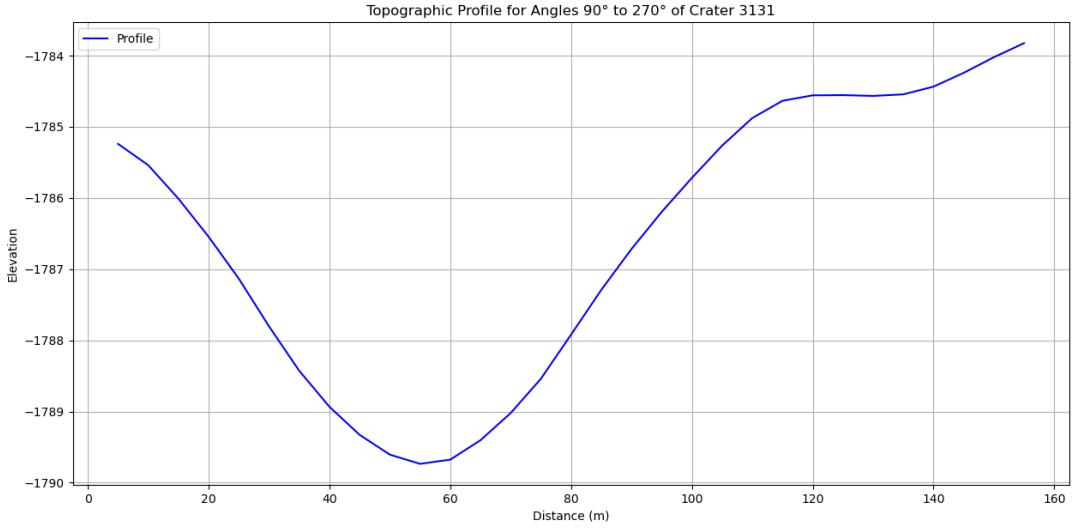
Topographic Profile for Angles 90° to 270° of Crater 3131
Profile
Elevation
Distance (m)
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−1785
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−1787
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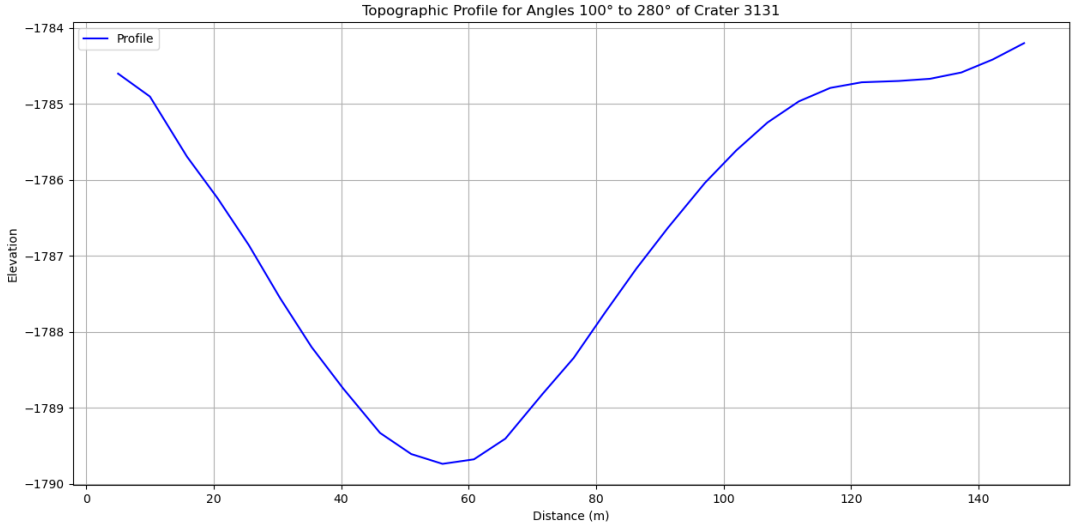
Topographic Profile for Angles 100° to 280° of Crater 3131
Profile
Elevation
Distance (m)
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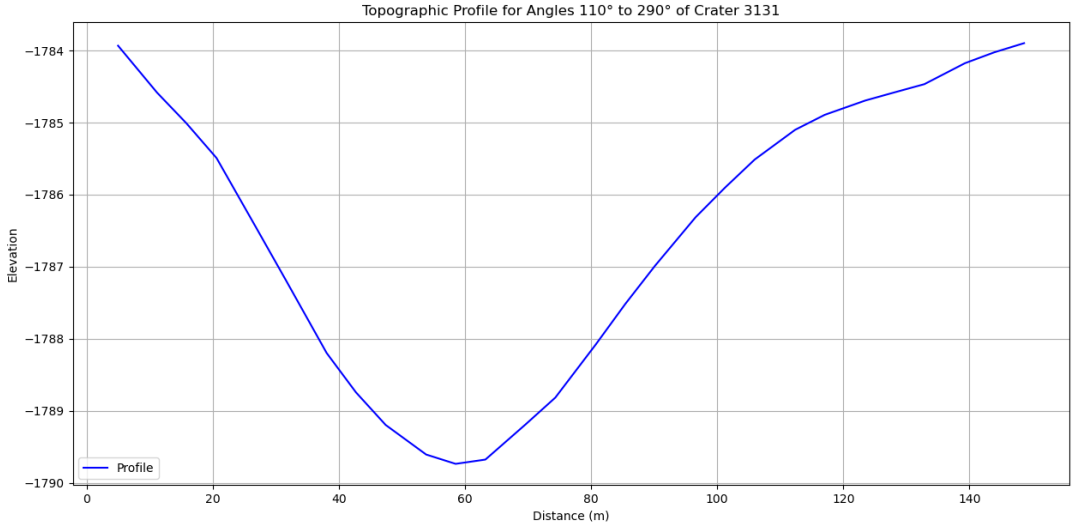
Topographic Profile for Angles 110° to 290° of Crater 3131
Elevation
Distance (m)
Profile
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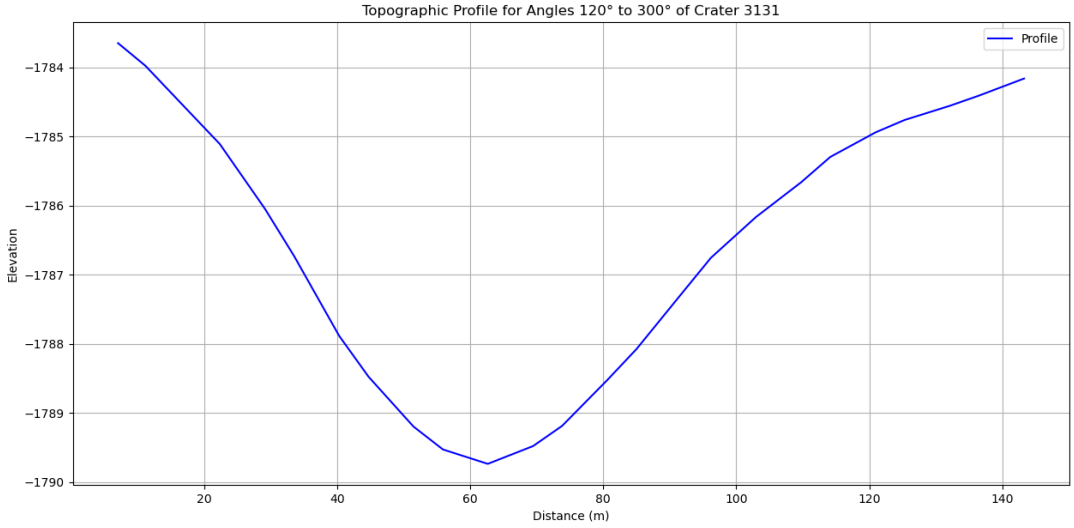
Topographic Profile for Angles 120° to 300° of Crater 3131
Elevation
Distance (m)
Profile
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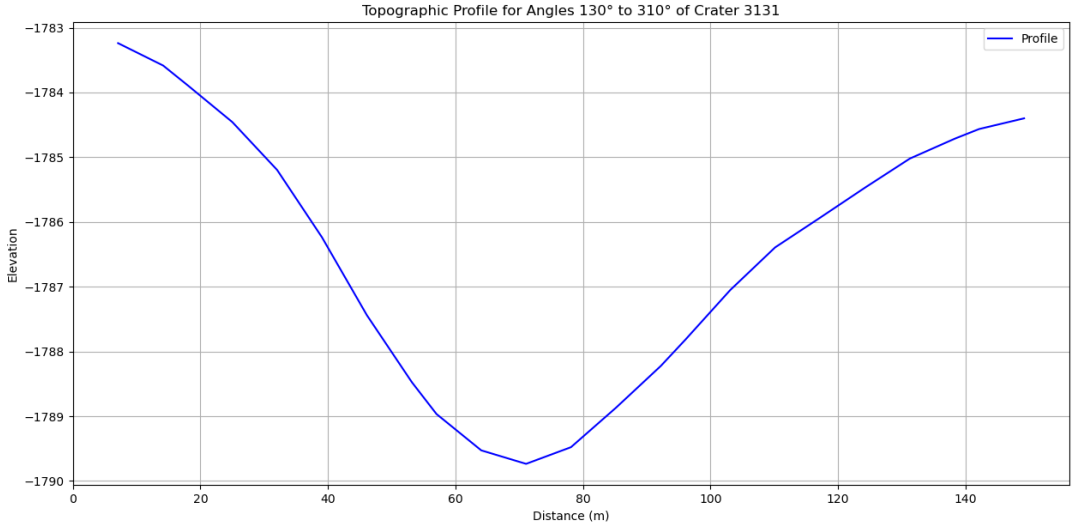
Topographic Profile for Angles 130° to 310° of Crater 3131
Profile
Elevation
Distance (m)
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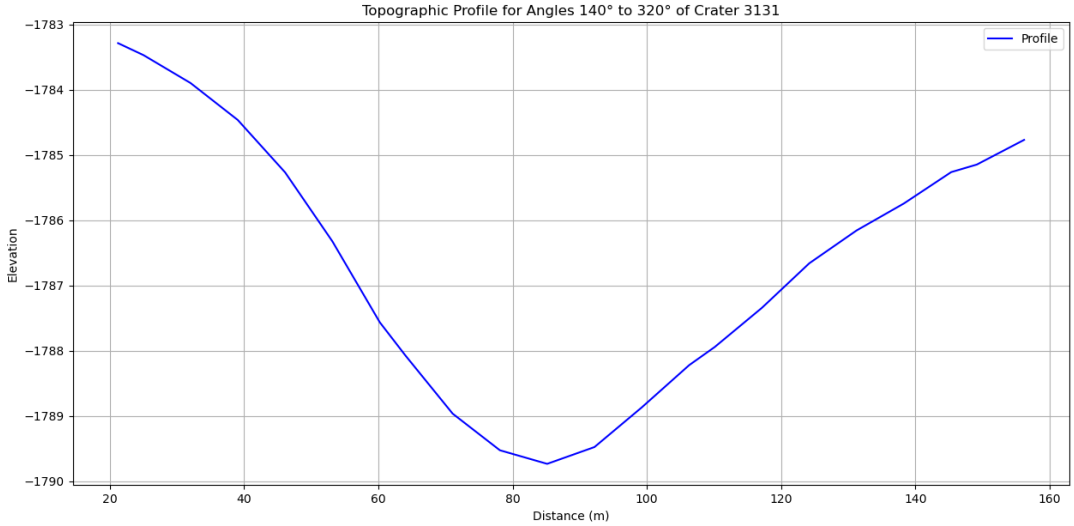
Topographic Profile for Angles 140° to 320° of Crater 3131
Profile
Elevation
Distance (m)
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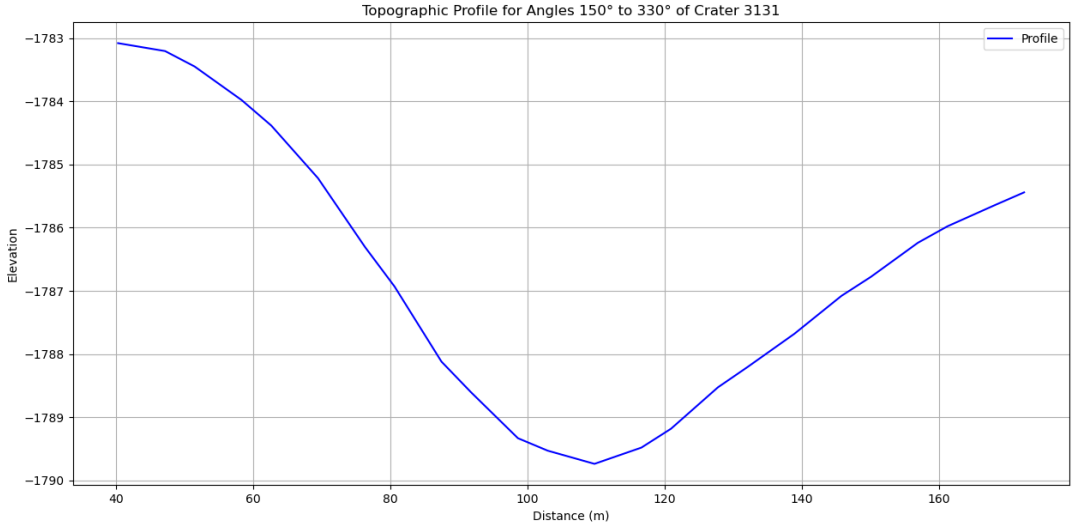
Topographic Profile for Angles 150° to 330° of Crater 3131
Profile
Elevation
Distance (m)
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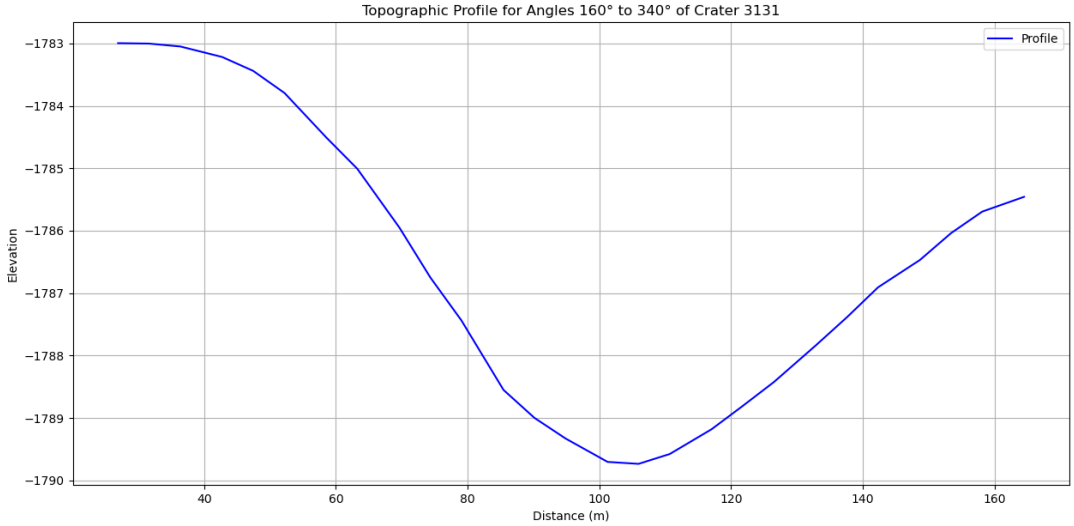
Topographic Profile for Angles 160° to 340° of Crater 3131
Profile
Elevation
Distance (m)
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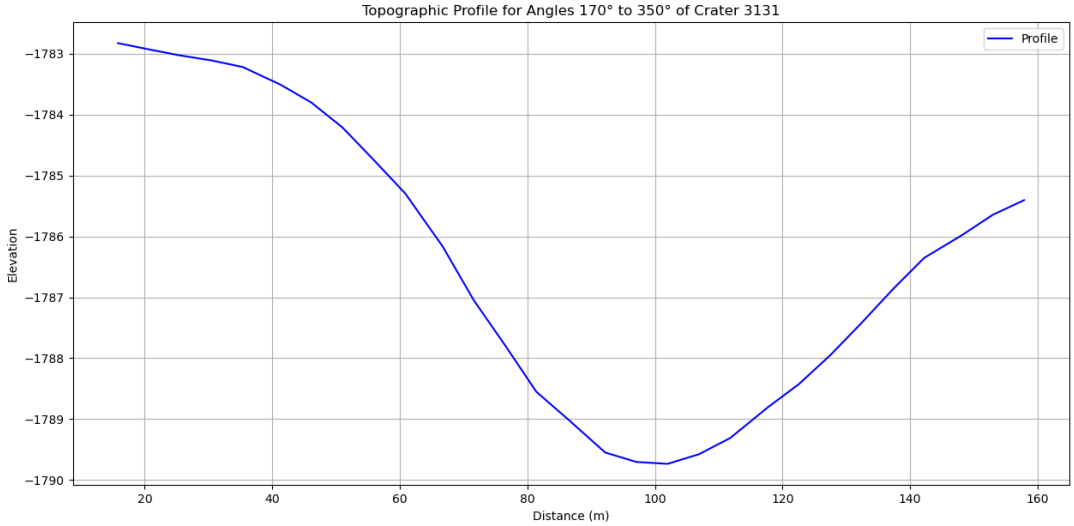
Topographic Profile for Angles 170° to 350° of Crater 3131
Profile
Elevation
−1783
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−1790
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100
120
140
160
Distance (m)