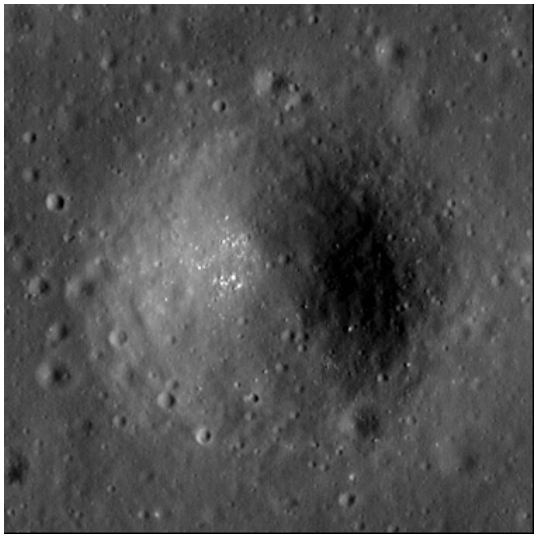
Crater report 3056 of RG2

General information



ID : 3056

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC

Mean Diameter : 175m ± 10.0m

Mean depht : 15.7m ± 0.2m

d/D ratio : 0.089 ± 0.005

Circularity index : 0.92

Mean slope : 11.76°

Mean value of TRI on the rim crest : 0.68

Geometric center coordinates : (3656593.3976254156, 211721.85949356423)

Coordinates of the crater's lowest point : (3656597.0000011004, 211725.0000000624)

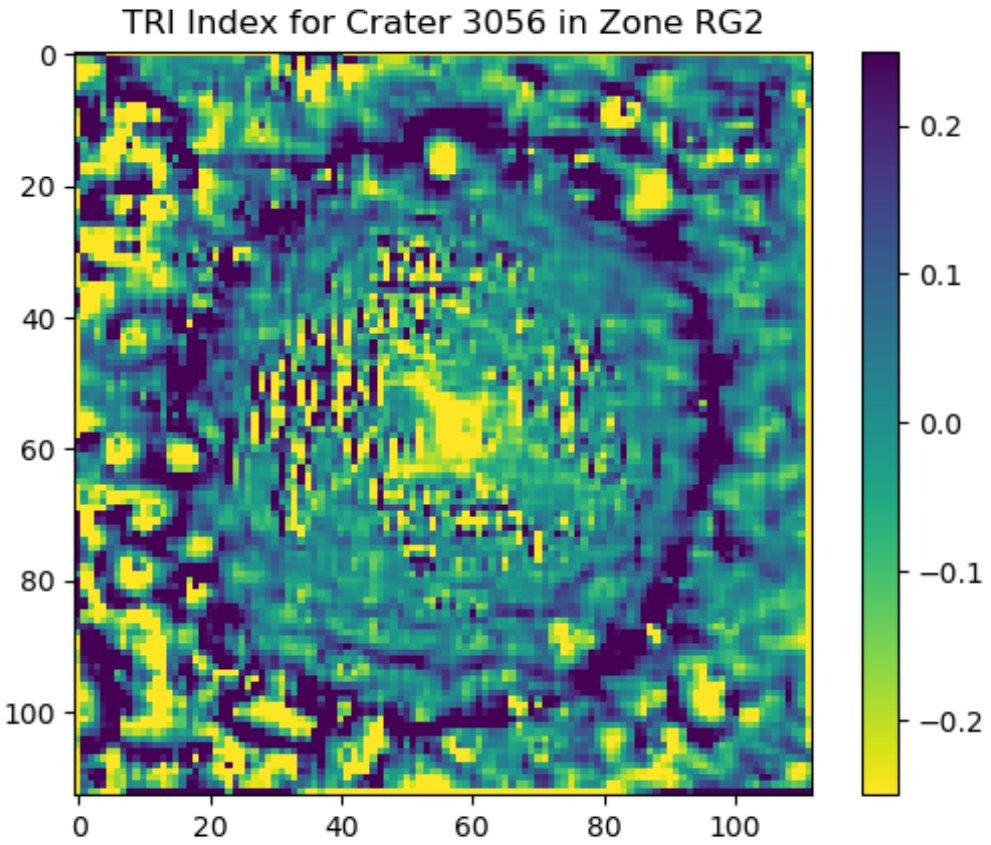
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	12.44	0.56
10°	12.2	0.54
20°	11.99	0.51
30°	11.6	0.48
40°	12.17	0.43
50°	12.25	0.43
60°	12.17	0.48
70°	11.9	0.51
80°	11.74	0.54
90°	12.35	0.56
100°	11.75	0.54
110°	11.59	0.51

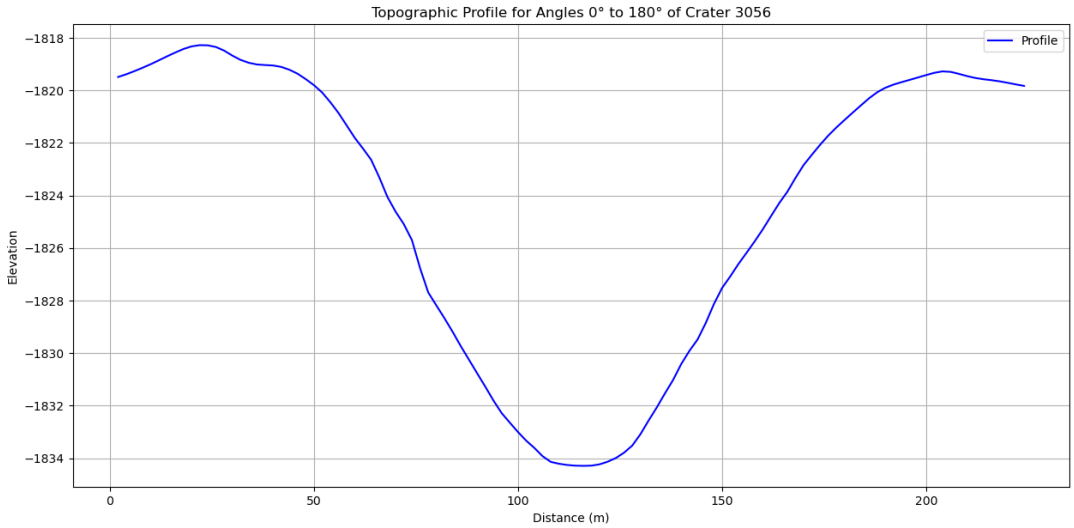
120°	11.59	0.47
130°	11.92	0.43
140°	11.92	0.43
150°	11.55	0.47
160°	11.72	0.51
170°	11.61	0.54
180°	11.87	0.57
190°	11.06	0.54
200°	10.61	0.51
210°	10.1	0.48
220°	10.23	0.43
230°	10.59	0.43
240°	10.72	0.48
250°	11.65	0.51
260°	12.34	0.54
270°	13.22	0.56
280°	12.79	0.54
290°	12.83	0.51
300°	12.19	0.48
310°	12.56	0.43
320°	12.24	0.42
330°	11.17	0.48
340°	11.29	0.51
350°	11.48	0.54

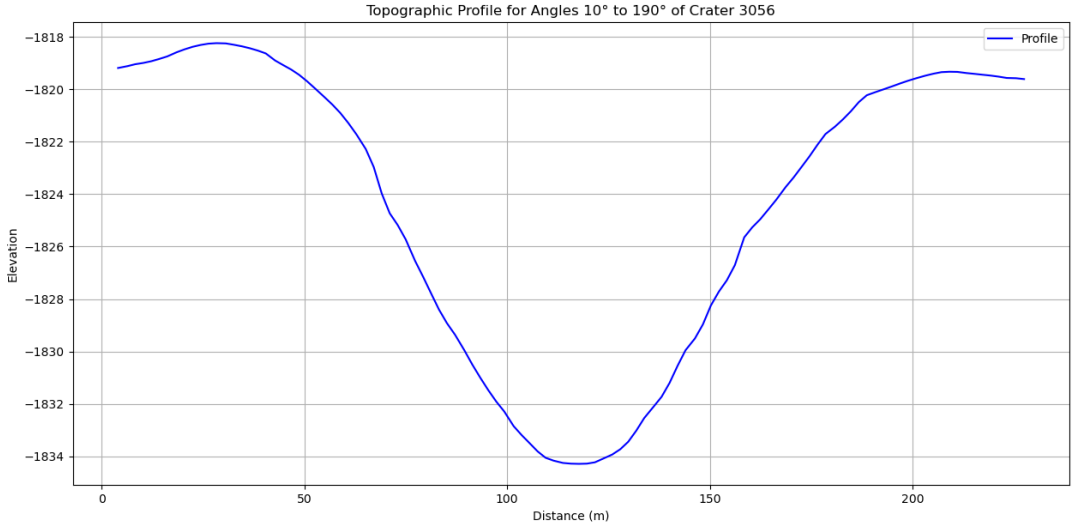
Topographic roughness index (TRI)

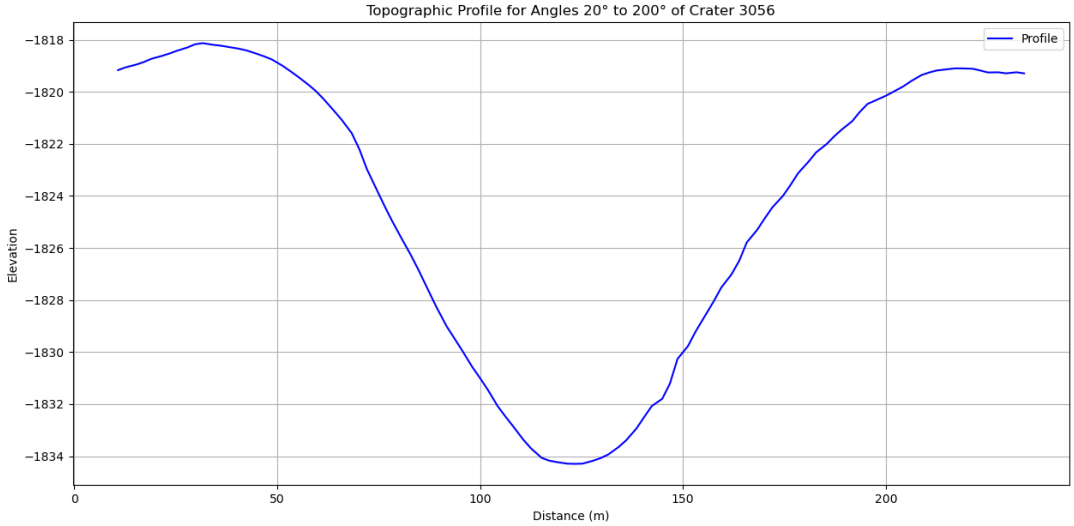
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

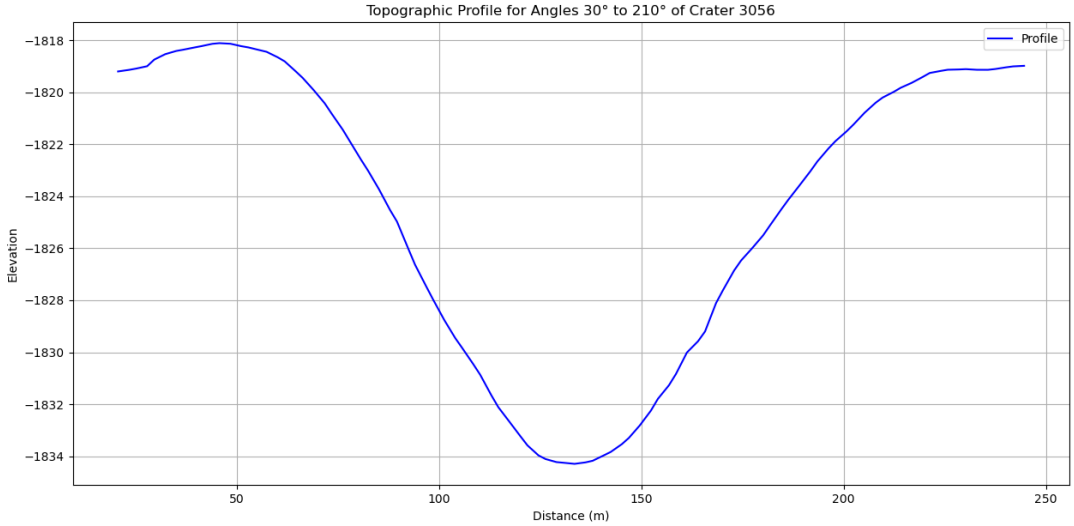


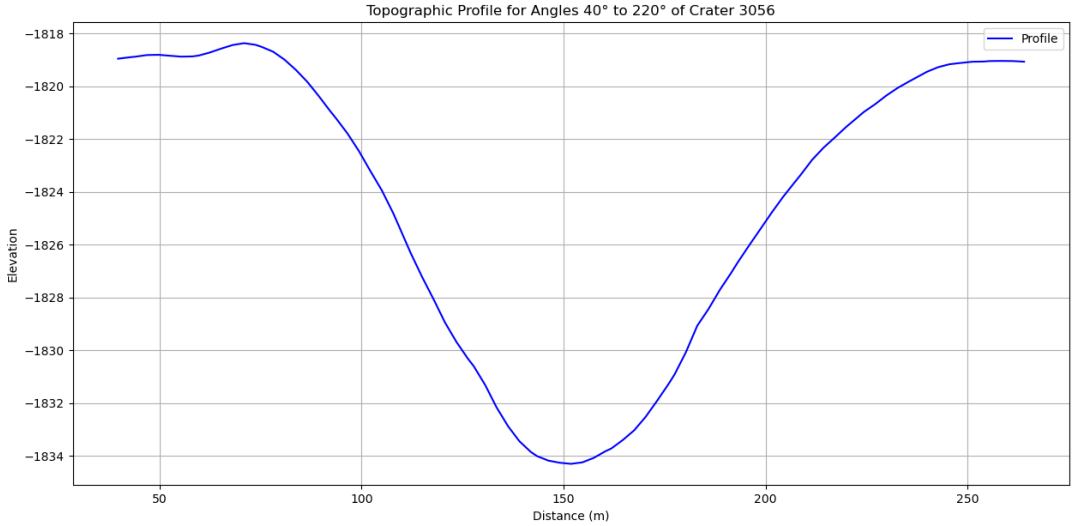
Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 3056
Profile
Elevation
Distance (m)
−1818
−1820
−1822
−1824
−1826
−1828
−1830
−1832
−1834
0
50
100
150
200


Topographic Profile for Angles 20° to 200° of Crater 3056
Profile
Elevation
Distance (m)
−1818
−1820
−1822
−1824
−1826
−1828
−1830
−1832
−1834
0
50
100
150
200


Topographic Profile for Angles 30° to 210° of Crater 3056
Profile
Elevation
Distance (m)
−1818
−1820
−1822
−1824
−1826
−1828
−1830
−1832
−1834
50
100
150
200
250


Topographic Profile for Angles 40° to 220° of Crater 3056
Profile
Elevation
Distance (m)
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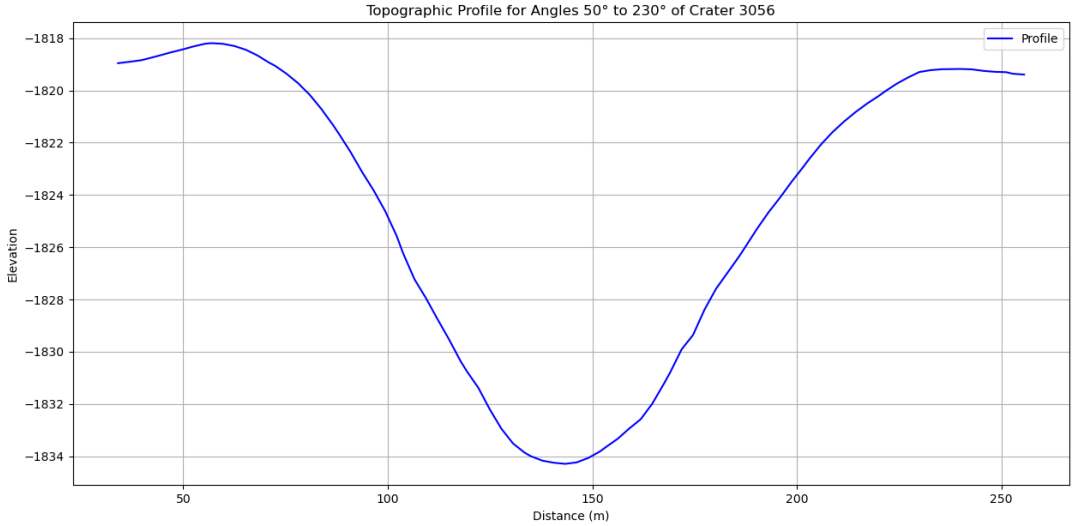
−1820
−1822
−1824
−1826
−1828
−1830
−1832
−1834
50
100
150
200
250


Topographic Profile for Angles 50° to 230° of Crater 3056
Profile
Elevation
Distance (m)
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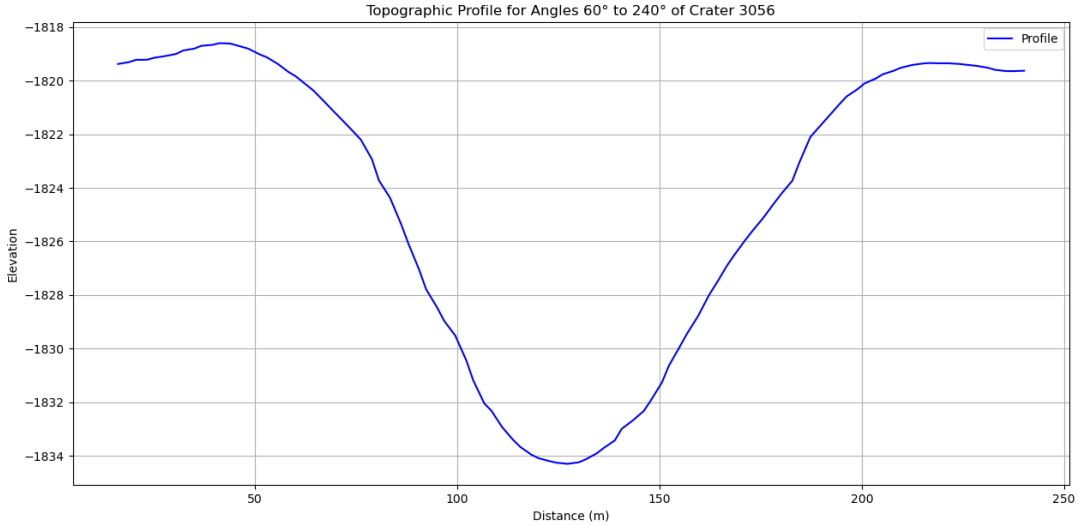
−1820
−1822
−1824
−1826
−1828
−1830
−1832
−1834
50
100
150
200
250


Topographic Profile for Angles 60° to 240° of Crater 3056
Profile
Elevation
Distance (m)
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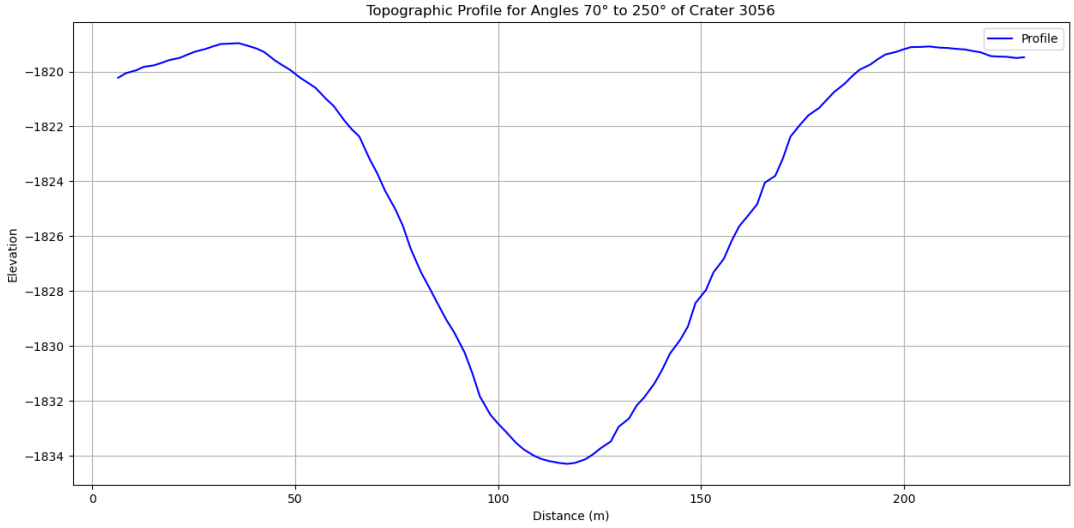
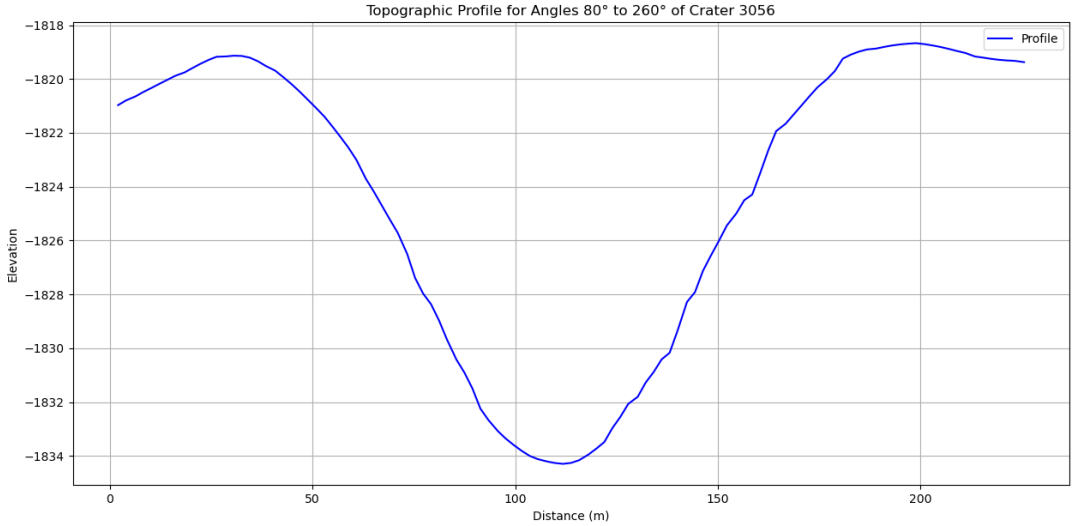
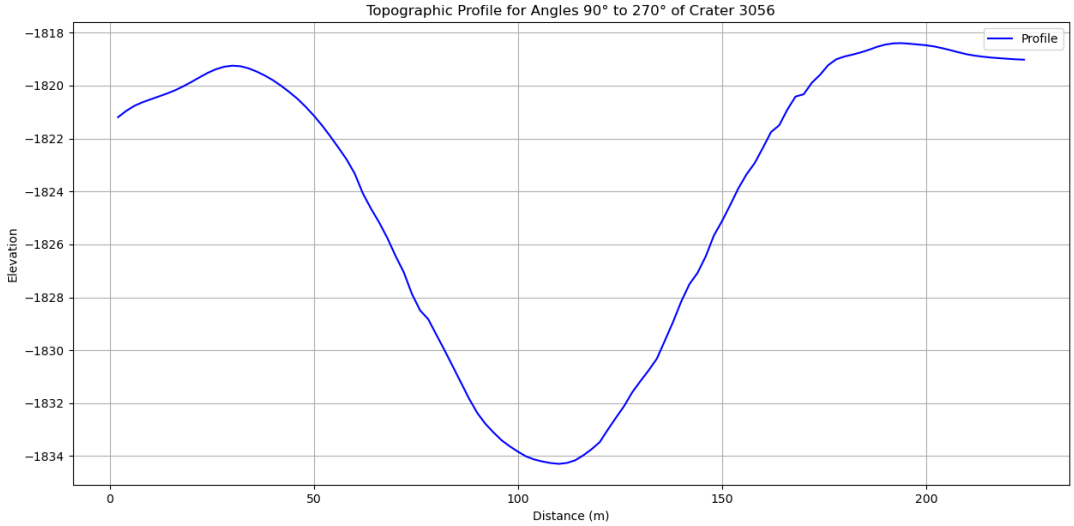
−1820
−1822
−1824
−1826
−1828
−1830
−1832
−1834
50
100
150
200
250


Topographic Profile for Angles 70° to 250° of Crater 3056
Profile
Elevation
−1820
−1822
−1824
−1826
−1828
−1830
−1832
−1834
0
50
100
150
200
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 3056
Profile
Elevation
−1818
−1820
−1822
−1824
−1826
−1828
−1830
−1832
−1834
0
50
100
150
200
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 3056
Profile
Elevation
Distance (m)
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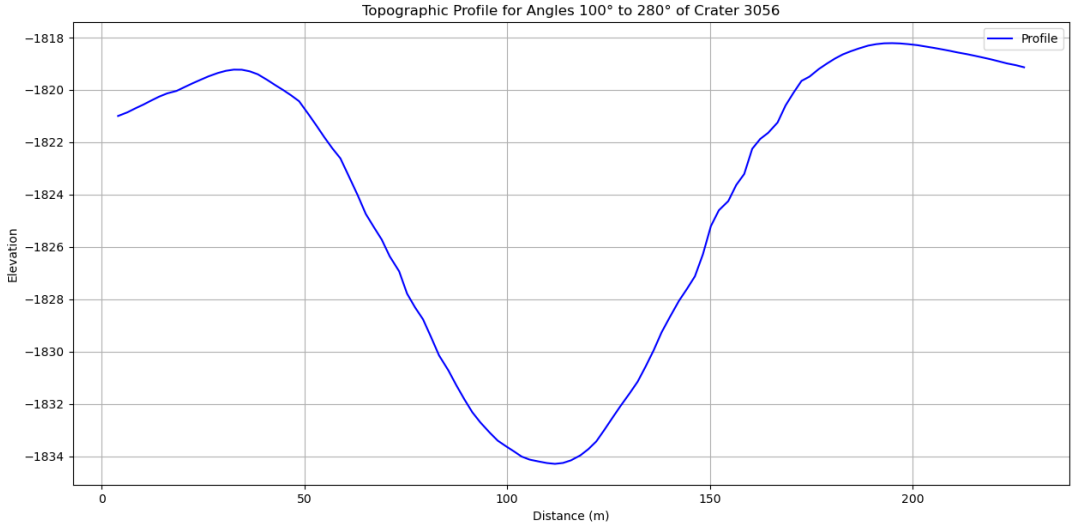
−1820
−1822
−1824
−1826
−1828
−1830
−1832
−1834
0
50
100
150
200


Topographic Profile for Angles 100° to 280° of Crater 3056
Profile
Elevation
Distance (m)
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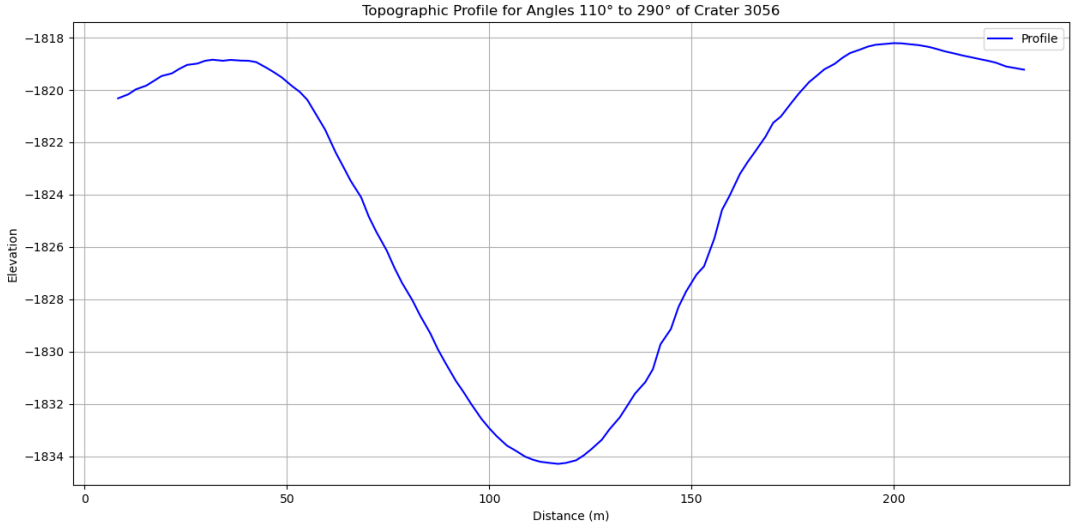
−1820
−1822
−1824
−1826
−1828
−1830
−1832
−1834
0
50
100
150
200


Topographic Profile for Angles 110° to 290° of Crater 3056
Profile
Elevation
Distance (m)
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−1820
−1822
−1824
−1826
−1828
−1830
−1832
−1834
0
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100
150
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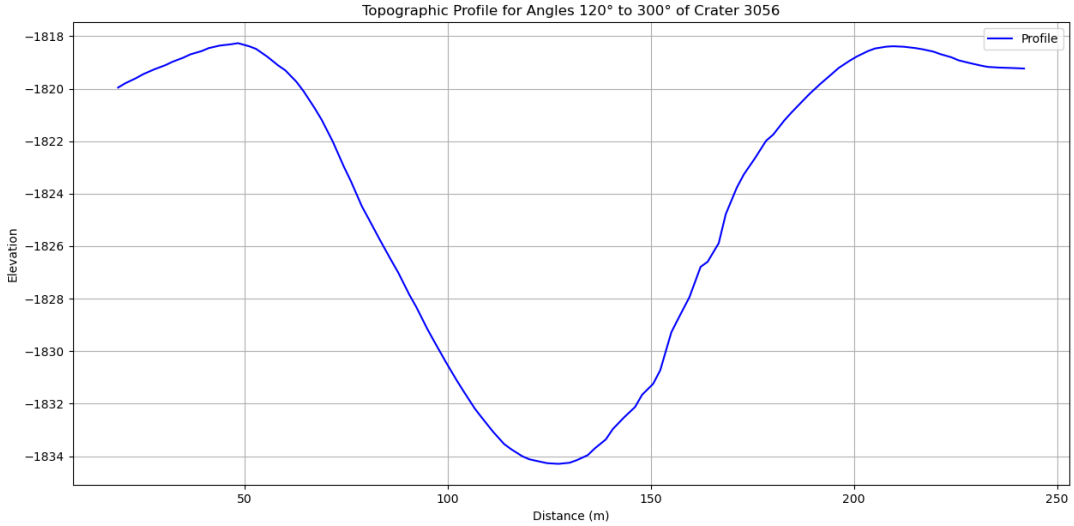
Topographic Profile for Angles 120° to 300° of Crater 3056
Profile
Elevation
Distance (m)
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−1820
−1822
−1824
−1826
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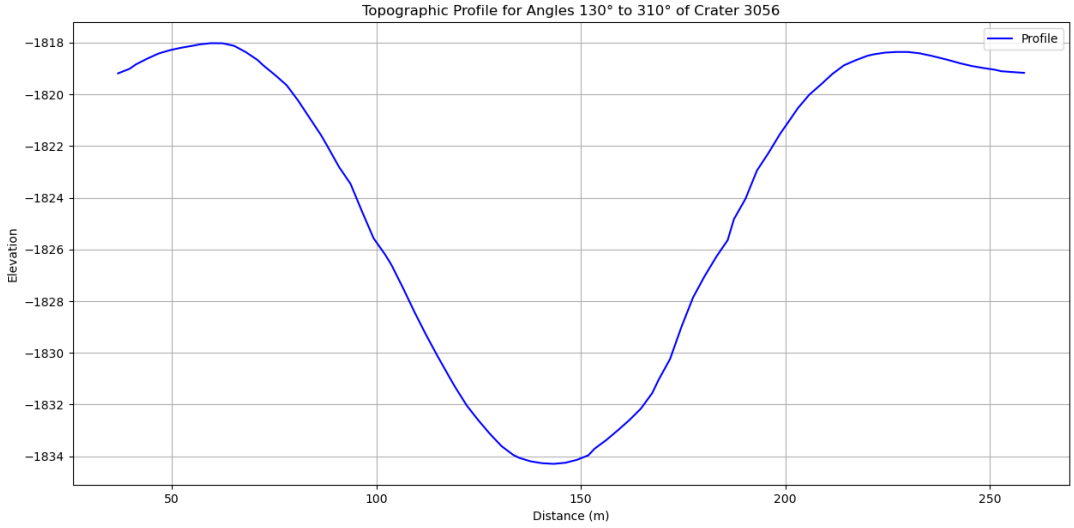
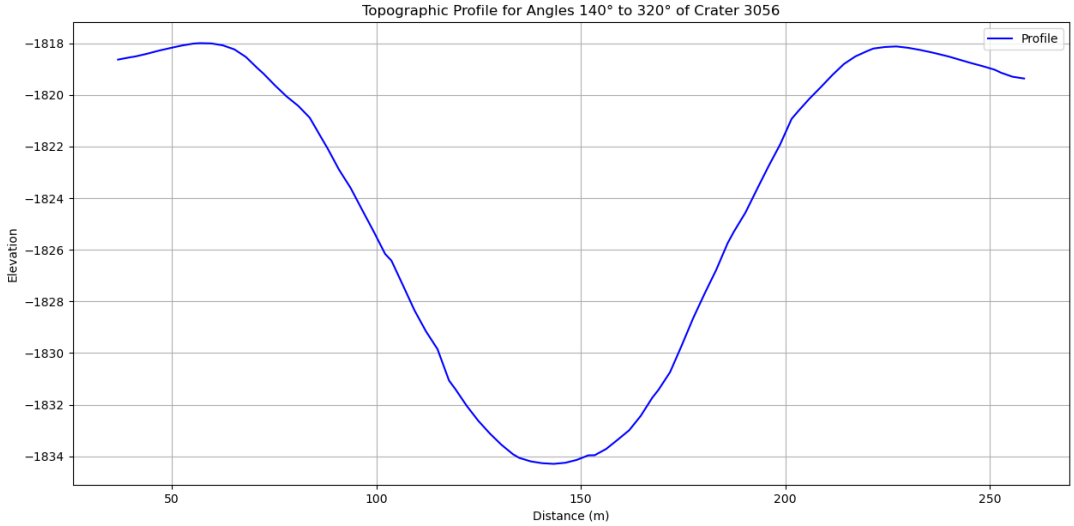
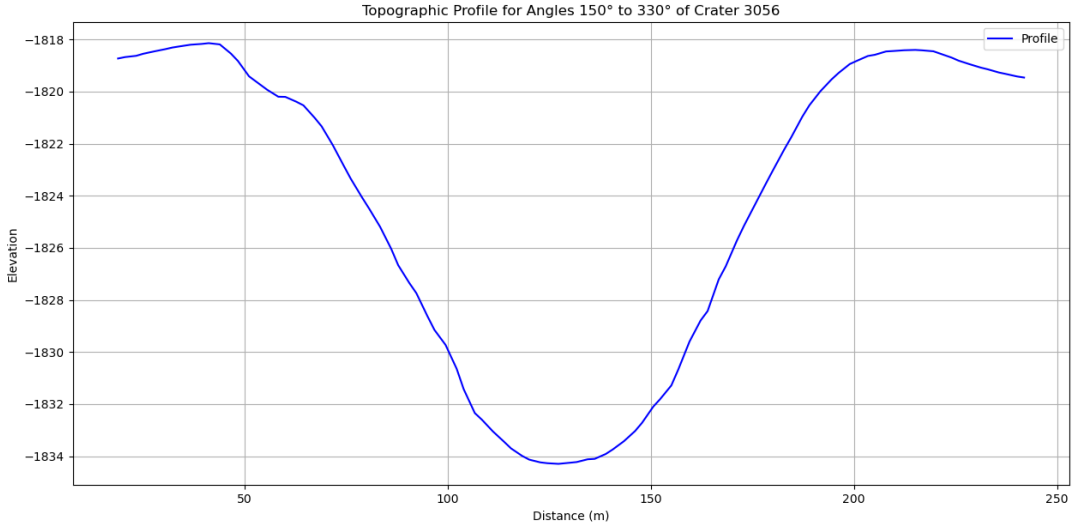
−1830
−1832
−1834
50
100
150
200
250


Topographic Profile for Angles 130° to 310° of Crater 3056
Profile
Elevation
−1818
−1820
−1822
−1824
−1826
−1828
−1830
−1832
−1834
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 3056
Profile
Elevation
−1818
−1820
−1822
−1824
−1826
−1828
−1830
−1832
−1834
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 3056
Profile
Elevation
Distance (m)
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−1820
−1822
−1824
−1826
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−1830
−1832
−1834
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100
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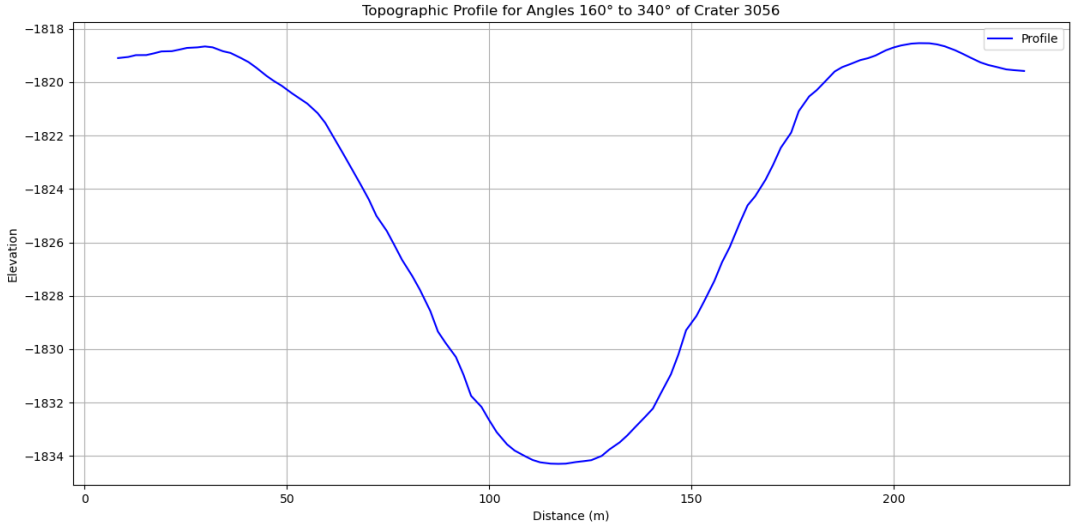
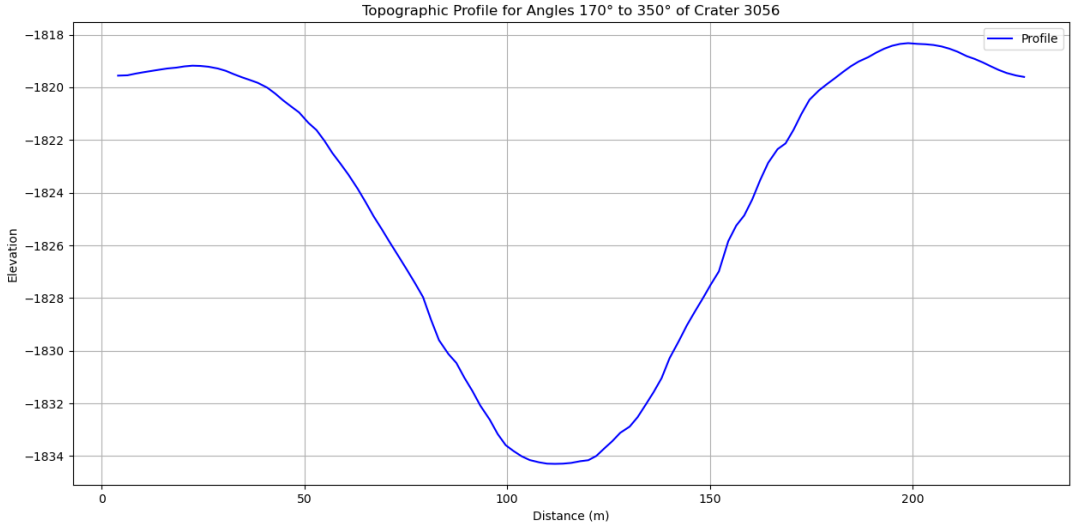

Topographic Profile for Angles 160° to 340° of Crater 3056
Profile
Elevation
Distance (m)
−1818
−1820
−1822
−1824
−1826
−1828
−1830
−1832
−1834
0
50
100
150
200


Topographic Profile for Angles 170° to 350° of Crater 3056
Profile
Elevation
−1818
−1820
−1822
−1824
−1826
−1828
−1830
−1832
−1834
0
50
100
150
200
Distance (m)