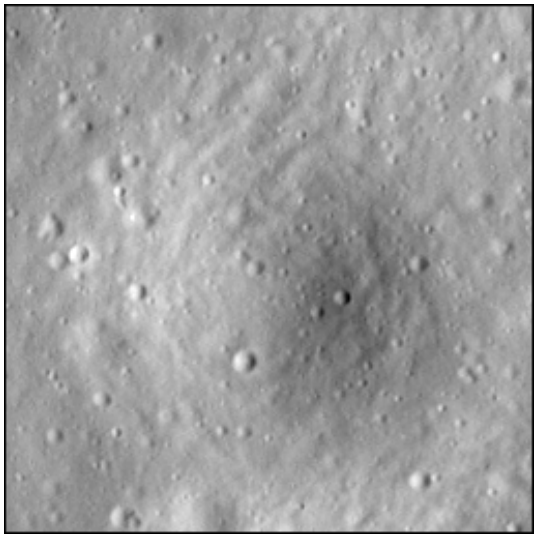
Crater report 1363 of RG2

General information



ID : 1363

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 131m ± 5.0m

Mean depht : 6.2m ± 0.4m

d/D ratio : 0.047 ± 0.004

Circularity index : 0.91

Slope : Between 5.98° et 9.06°

Mean value of TRI on the rim crest : 0.14

Geometric center coordinates : (3656028.00675222, 224808.1474944168)

Coordinates of the crater's lowest point : (3656039.0000011004, 224801.00000006633)

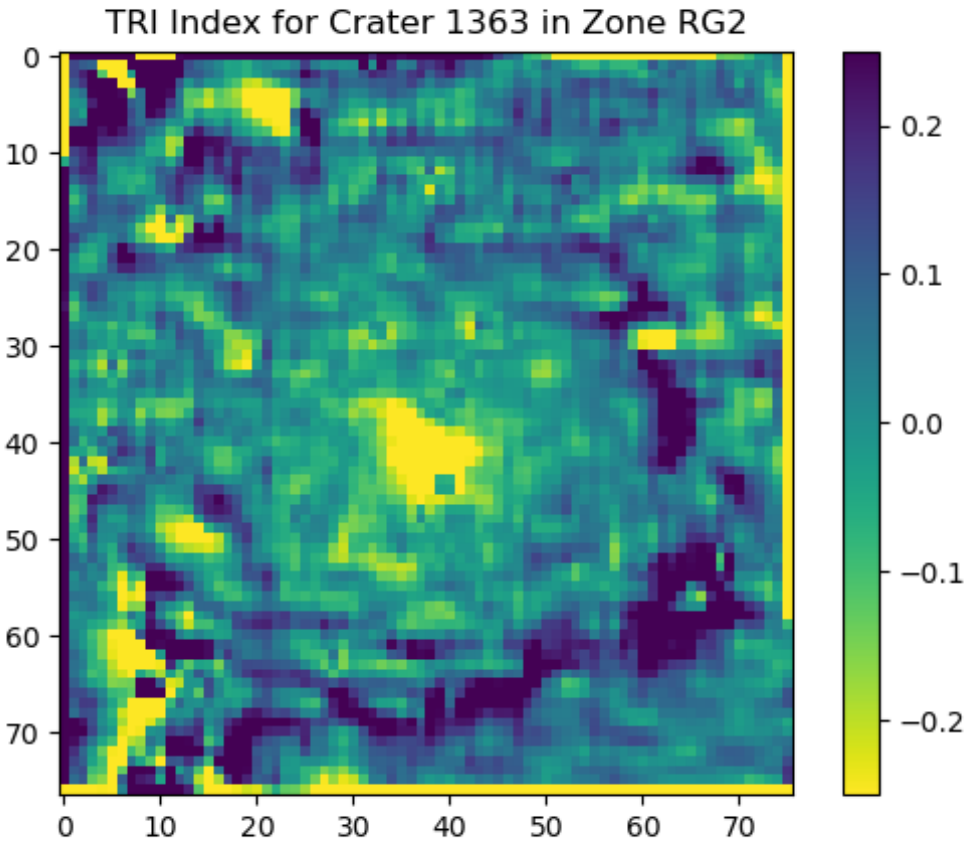
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	7.95	0.57
10°	7.65	0.54
20°	7.42	0.52
30°	6.91	0.48
40°	7.08	0.42
50°	6.73	0.42
60°	6.46	0.46
70°	6.56	0.51
80°	6.86	0.54
90°	7.24	0.57
100°	7.09	0.54
110°	6.68	0.51

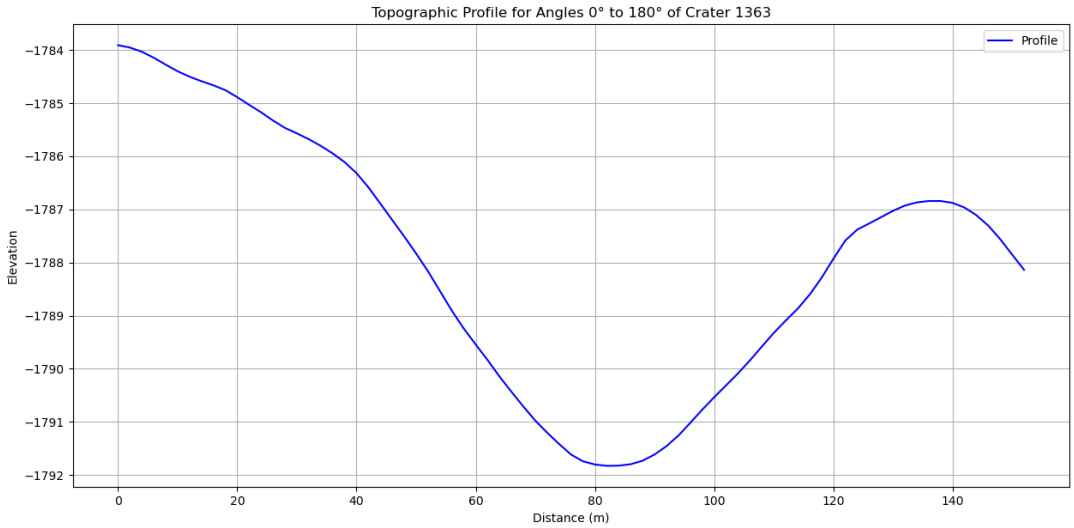
120°	6.68	0.48
130°	7.02	0.44
140°	7.59	0.42
150°	6.77	0.48
160°	6.65	0.52
170°	6.82	0.55
180°	7.35	0.57
190°	7.41	0.55
200°	7.02	0.51
210°	7.43	0.48
220°	8.39	0.44
230°	7.98	0.44
240°	7.38	0.48
250°	5.98	0.52
260°	7.18	0.55
270°	7.64	0.57
280°	7.36	0.55
290°	7.41	0.51
300°	7.36	0.48
310°	8.84	0.43
320°	9.06	0.43
330°	8.45	0.48
340°	8.07	0.51
350°	7.7	0.55

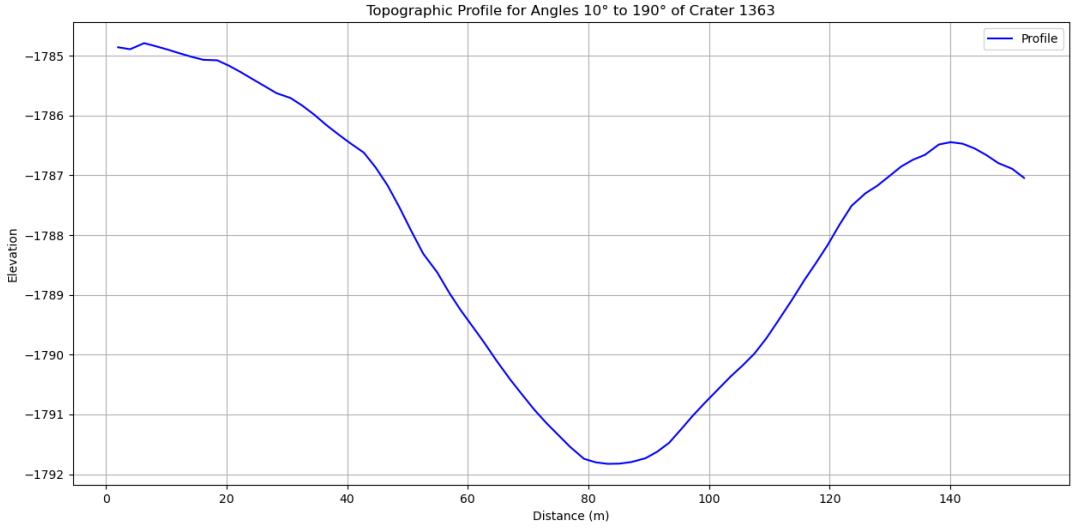
Topographic roughness index (TRI)

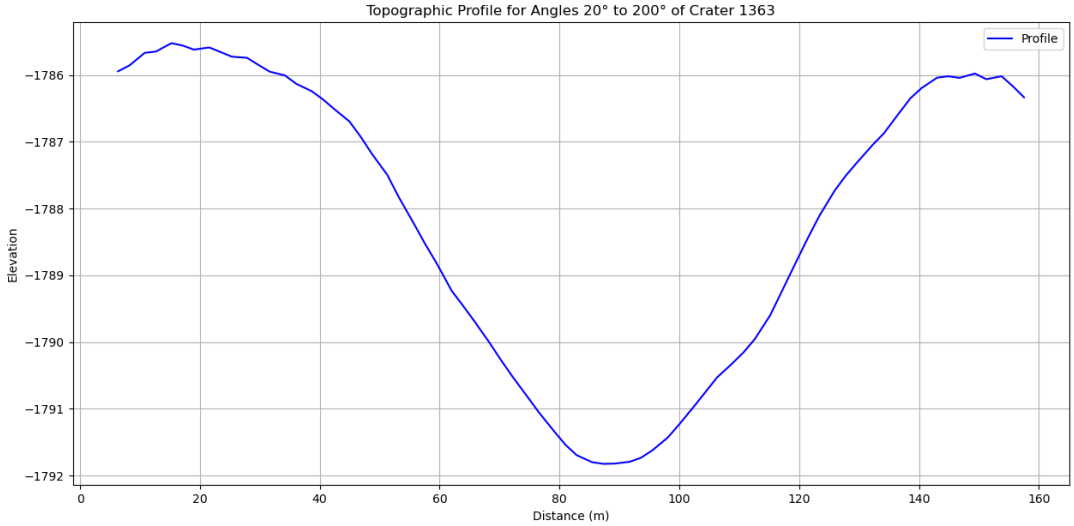
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

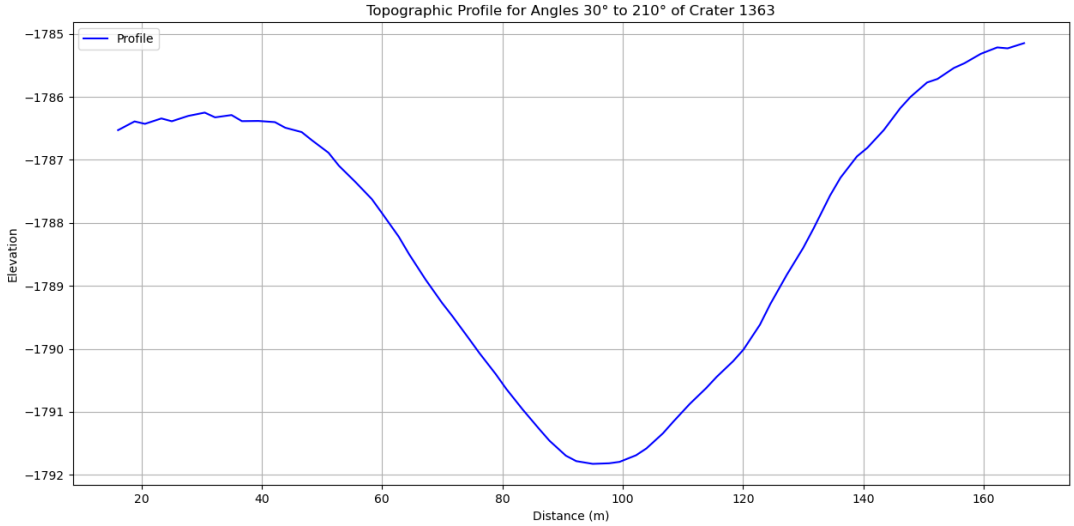


Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 1363
Profile
Elevation
Distance (m)
−1785
−1786
−1787
−1788
−1789
−1790
−1791
−1792
0
20
40
60
80
100
120
140


Topographic Profile for Angles 20° to 200° of Crater 1363
Profile
Elevation
Distance (m)
−1786
−1787
−1788
−1789
−1790
−1791
−1792
0
20
40
60
80
100
120
140
160


Topographic Profile for Angles 30° to 210° of Crater 1363
Profile
Elevation
Distance (m)
−1785
−1786
−1787
−1788
−1789
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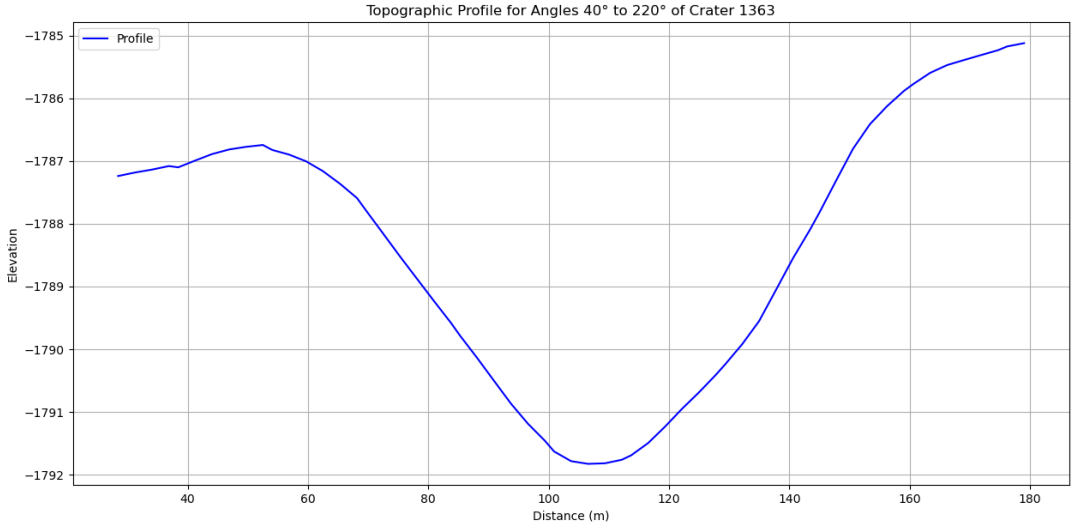
−1791
−1792
20
40
60
80
100
120
140
160


Topographic Profile for Angles 40° to 220° of Crater 1363
Profile
Elevation
Distance (m)
−1785
−1786
−1787
−1788
−1789
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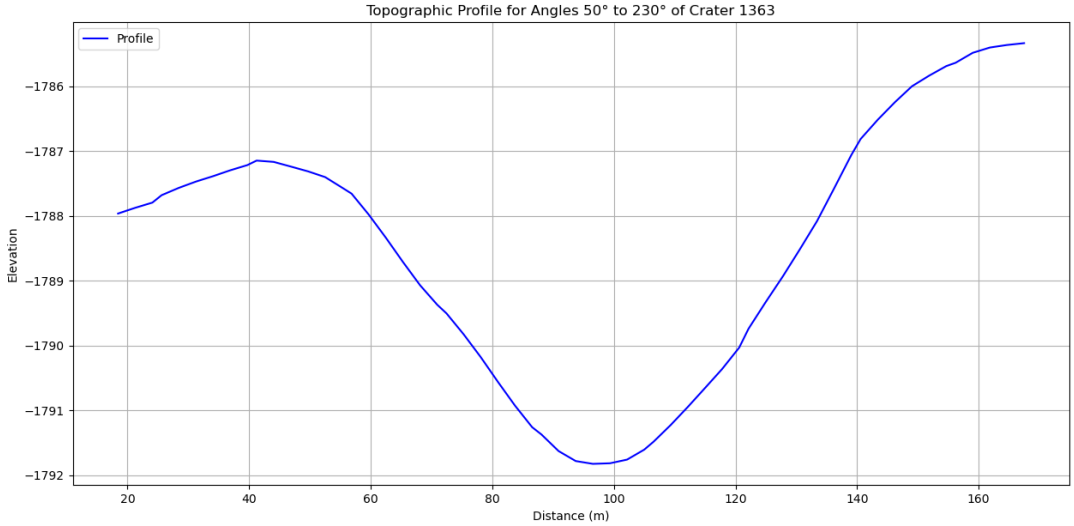
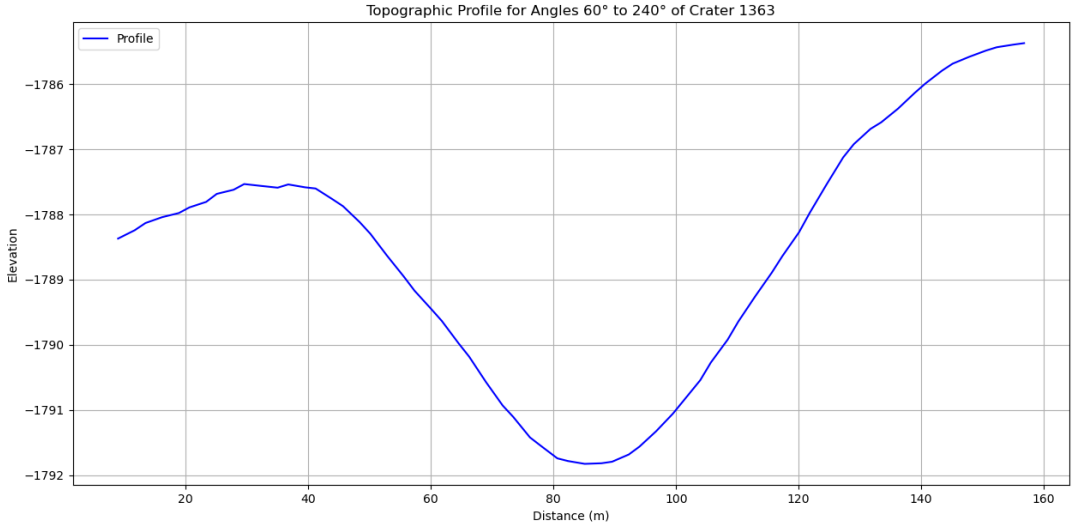
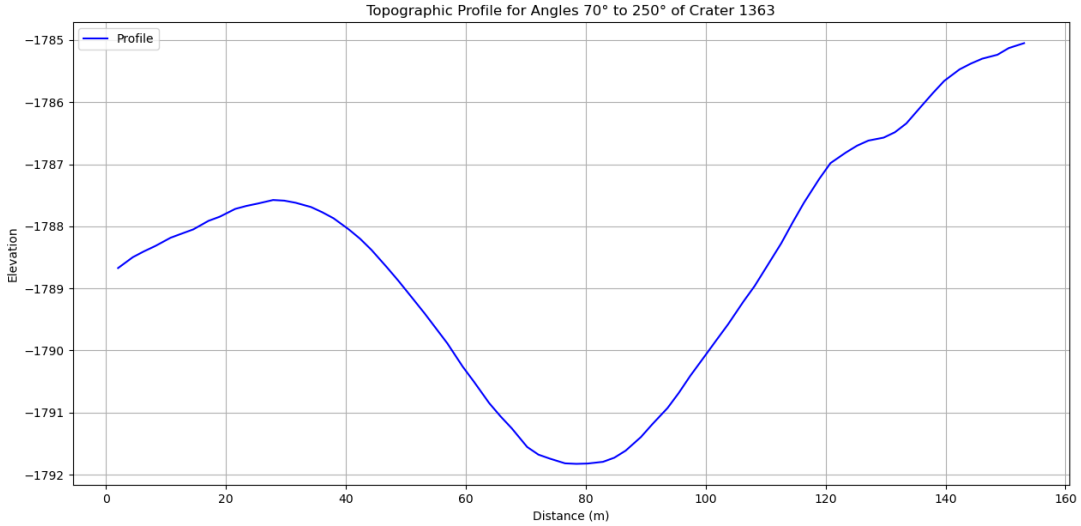
−1791
−1792
40
60
80
100
120
140
160
180


Topographic Profile for Angles 50° to 230° of Crater 1363
Profile
Elevation
−1786
−1787
−1788
−1789
−1790
−1791
−1792
20
40
60
80
100
120
140
160
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 1363
Profile
Elevation
−1786
−1787
−1788
−1789
−1790
−1791
−1792
20
40
60
80
100
120
140
160
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 1363
Profile
Elevation
Distance (m)
−1785
−1786
−1787
−1788
−1789
−1790
−1791
−1792
0
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40
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80
100
120
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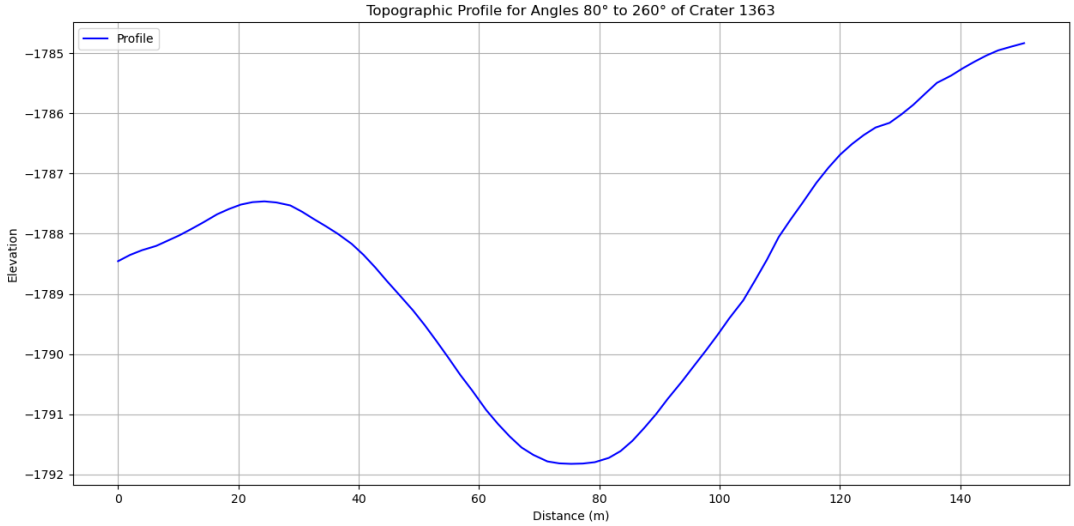
160


Topographic Profile for Angles 80° to 260° of Crater 1363
Profile
Elevation
Distance (m)
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−1786
−1787
−1788
−1789
−1790
−1791
−1792
0
20
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80
100
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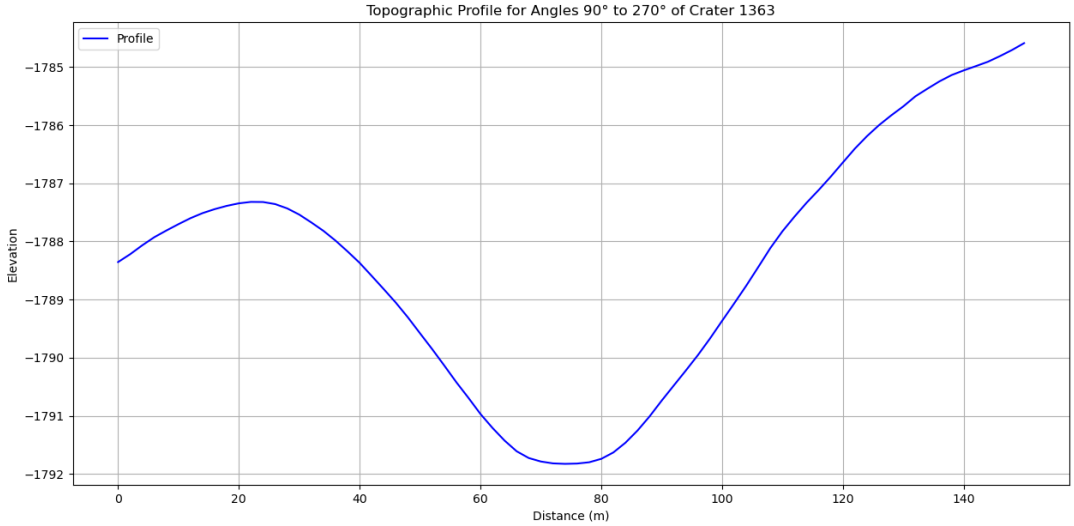
Topographic Profile for Angles 90° to 270° of Crater 1363
Profile
Elevation
Distance (m)
−1785
−1786
−1787
−1788
−1789
−1790
−1791
−1792
0
20
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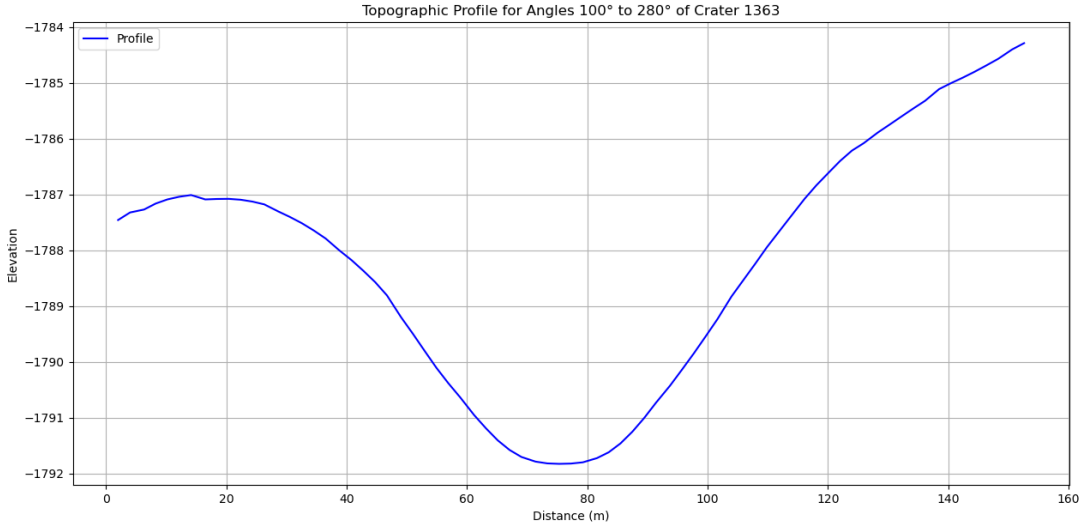
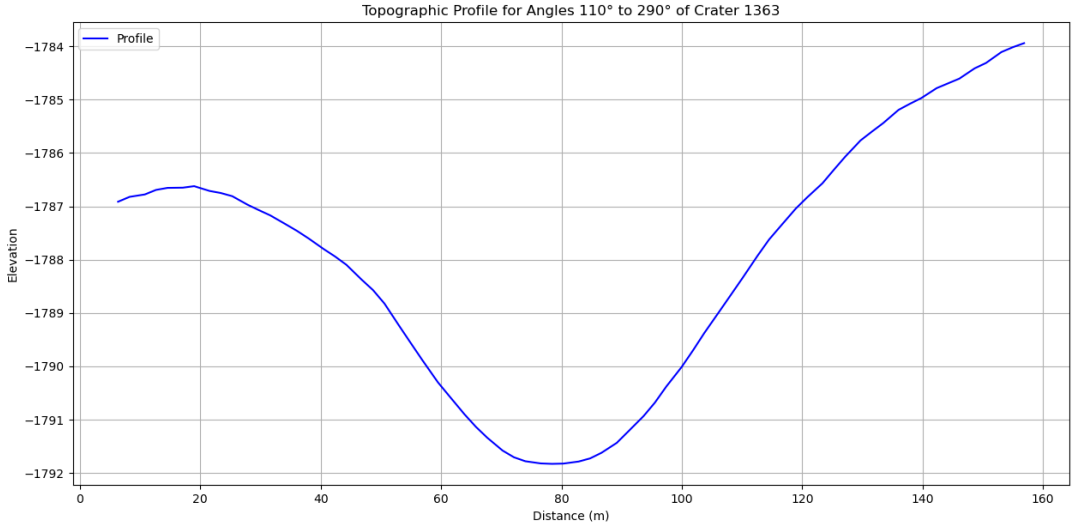
60
80
100
120
140


Topographic Profile for Angles 100° to 280° of Crater 1363
Profile
Elevation
Distance (m)
−1784
−1785
−1786
−1787
−1788
−1789
−1790
−1791
−1792
0
20
40
60
80
100
120
140
160


Topographic Profile for Angles 110° to 290° of Crater 1363
Profile
Elevation
Distance (m)
−1784
−1785
−1786
−1787
−1788
−1789
−1790
−1791
−1792
0
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100
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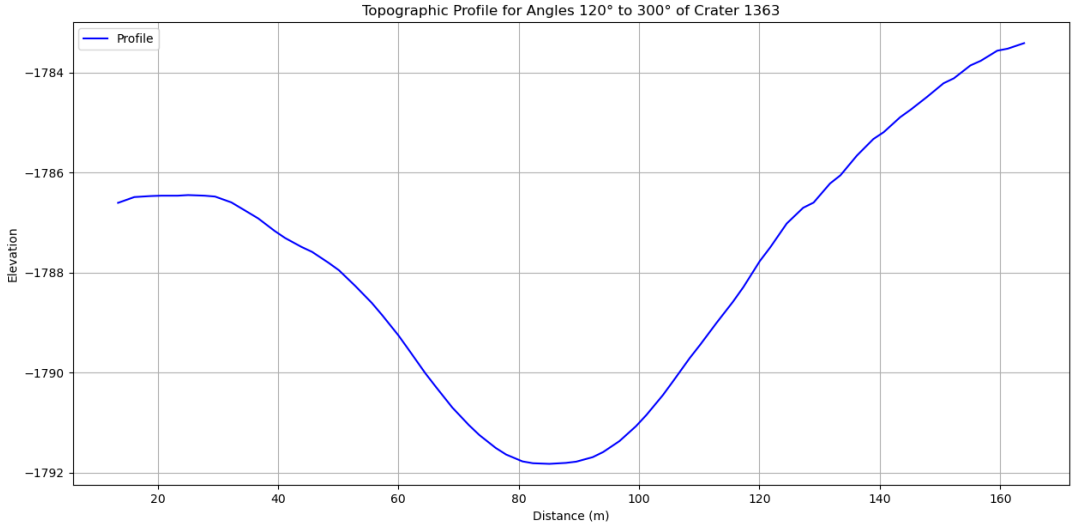
Topographic Profile for Angles 120° to 300° of Crater 1363
Profile
Elevation
Distance (m)
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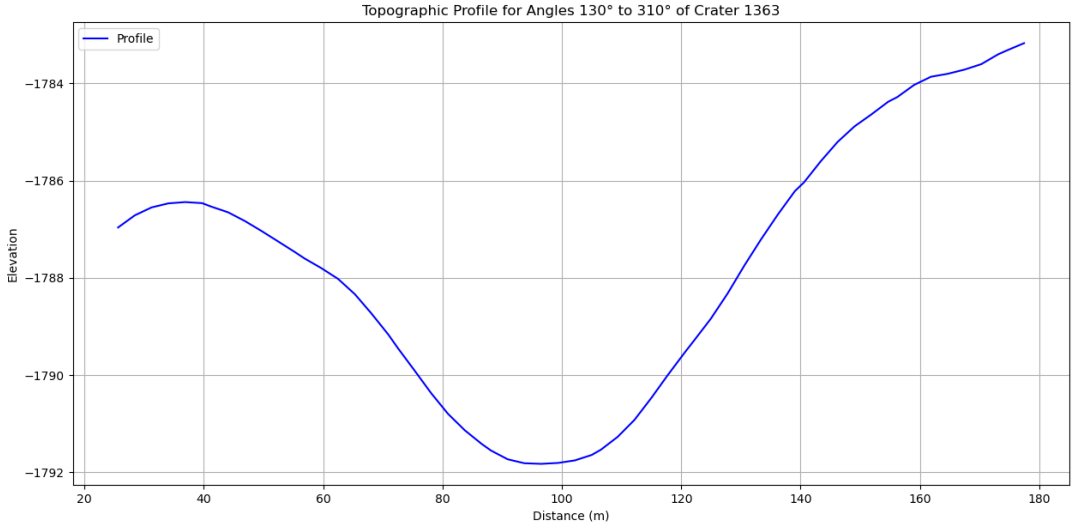
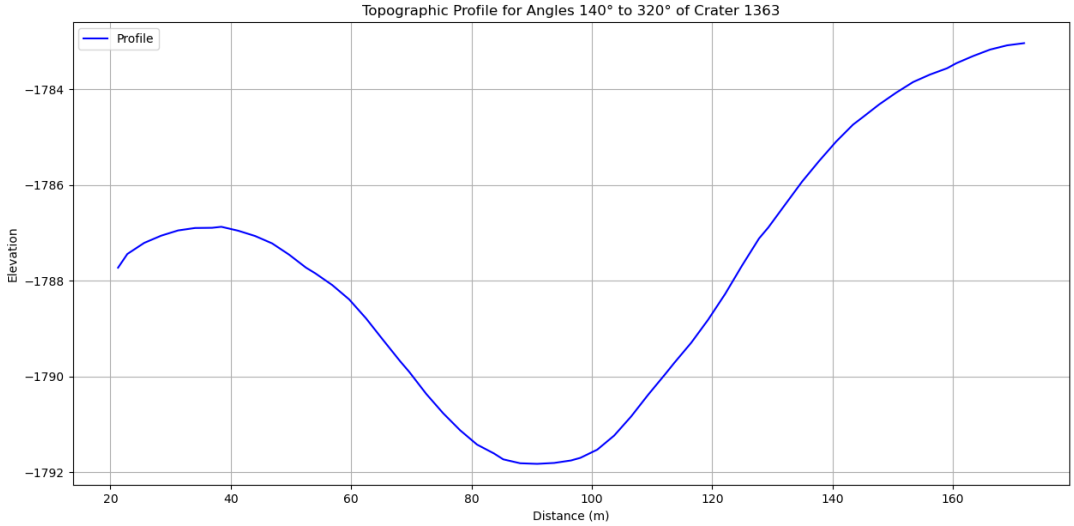
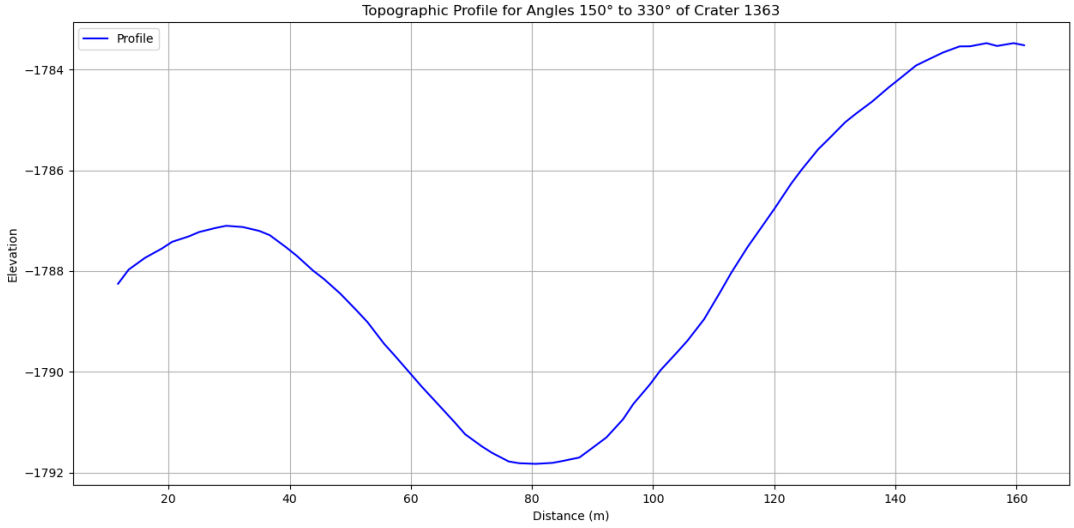
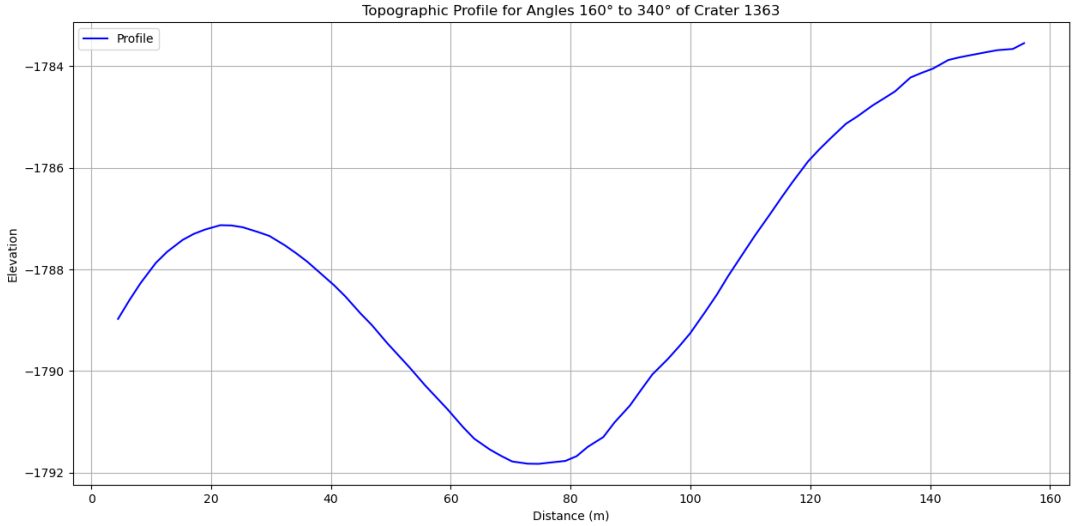
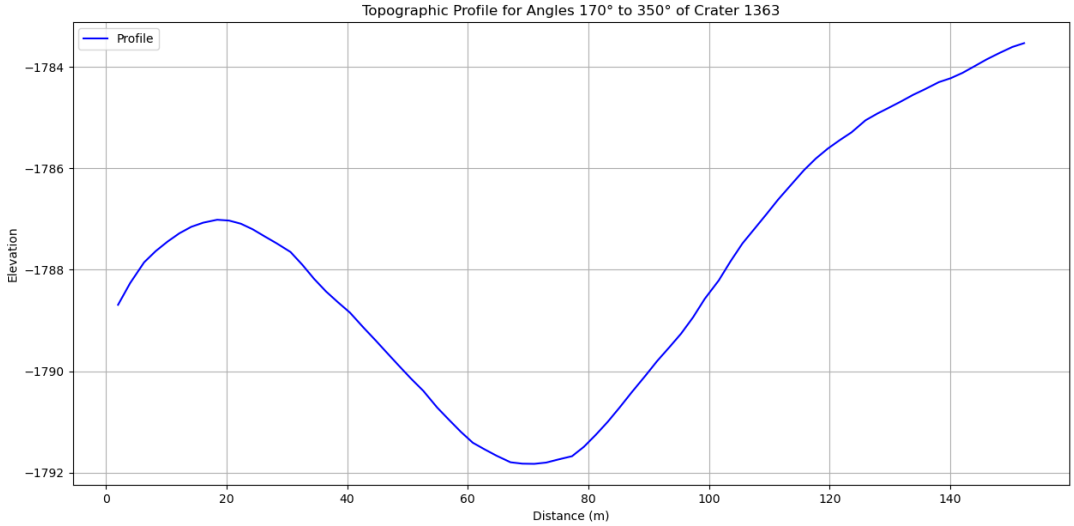
−1786
−1788
−1790
−1792
20
40
60
80
100
120
140
160


Topographic Profile for Angles 130° to 310° of Crater 1363
Profile
Elevation
−1784
−1786
−1788
−1790
−1792
20
40
60
80
100
120
140
160
180
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 1363
Profile
Elevation
−1784
−1786
−1788
−1790
−1792
20
40
60
80
100
120
140
160
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 1363
Profile
Elevation
−1784
−1786
−1788
−1790
−1792
20
40
60
80
100
120
140
160
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 1363
Profile
Elevation
−1784
−1786
−1788
−1790
−1792
0
20
40
60
80
100
120
140
160
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 1363
Profile
Elevation
−1784
−1786
−1788
−1790
−1792
0
20
40
60
80
100
120
140
Distance (m)