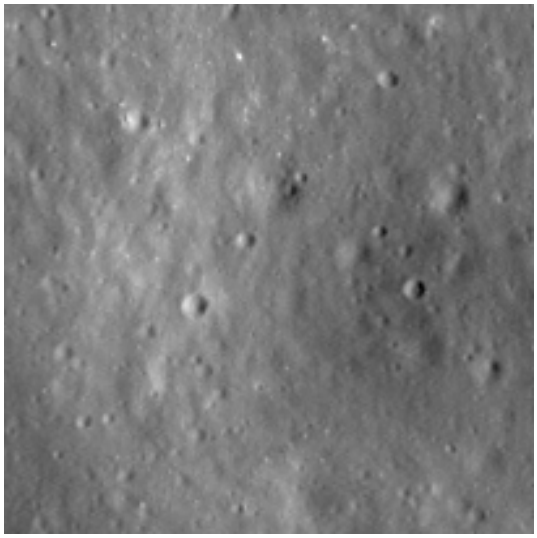
Crater report 394 of RG2

General information



ID : 394

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 107m ± 8.0m

Mean depht : 4.0m ± 0.6m

d/D ratio : 0.037 ± 0.006

Circularity index : 0.91

Mean slope : 4.19°

Mean value of TRI on the rim crest : 0.13

Geometric center coordinates : (3658614.768243552, 233286.53280746672)

Coordinates of the crater's lowest point : (3658637.000001101, 233291.00000006886)

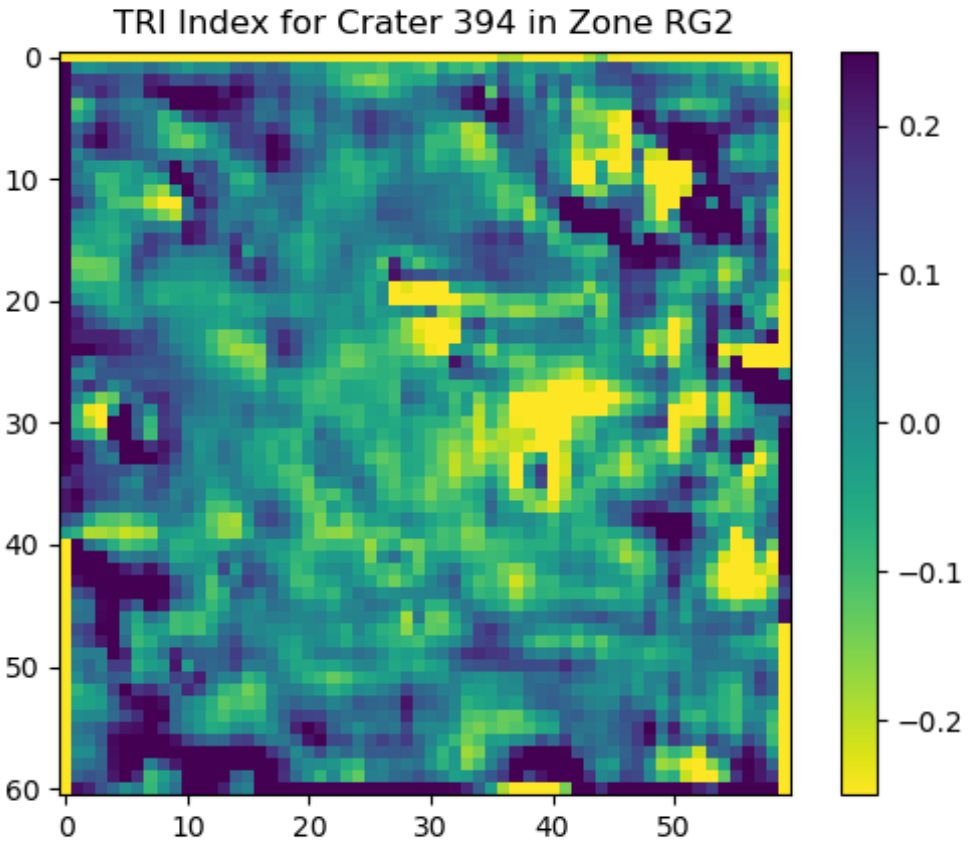
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	4.19	0.57
10°	3.79	0.55
20°	3.56	0.51
30°	3.49	0.48
40°	3.33	0.42
50°	2.94	0.42
60°	2.4	0.47
70°	2.35	0.51
80°	2.31	0.55
90°	2.38	0.57
100°	2.43	0.55
110°	2.54	0.52

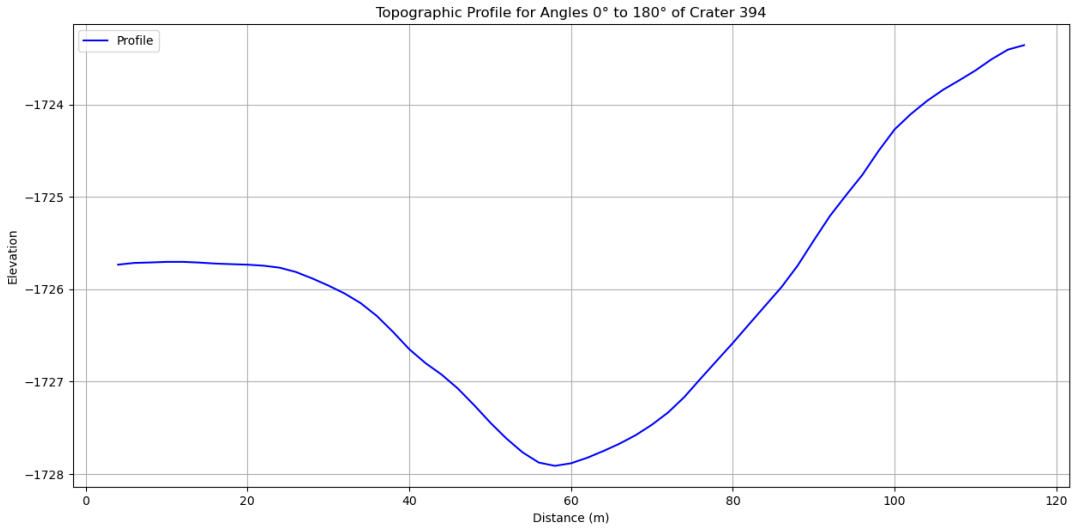
120°	3.06	0.48
130°	3.47	0.42
140°	3.51	0.44
150°	3.35	0.48
160°	3.79	0.52
170°	4.32	0.55
180°	4.95	0.57
190°	4.98	0.55
200°	4.98	0.51
210°	5.26	0.48
220°	5.37	0.44
230°	5.41	0.44
240°	5.35	0.48
250°	5.35	0.52
260°	5.86	0.54
270°	6.31	0.57
280°	5.83	0.54
290°	5.62	0.51
300°	5.67	0.48
310°	5.48	0.44
320°	4.72	0.43
330°	4.28	0.48
340°	4.09	0.51
350°	4.04	0.55

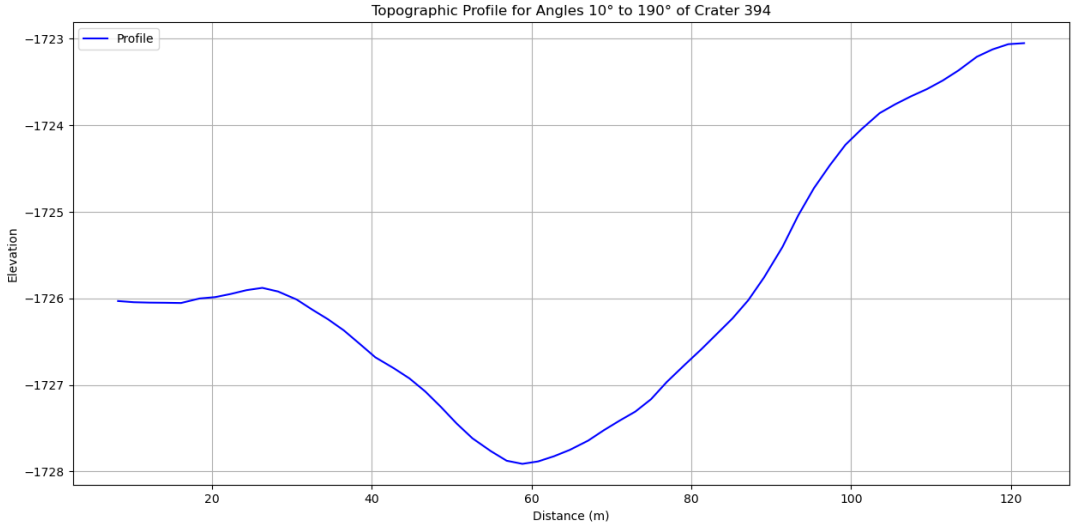
Topographic roughness index (TRI)

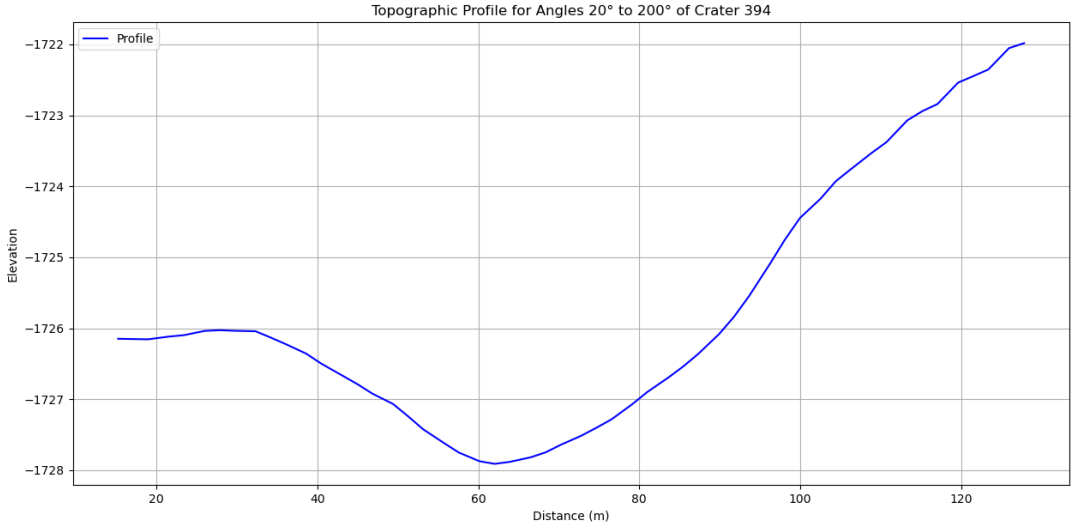
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

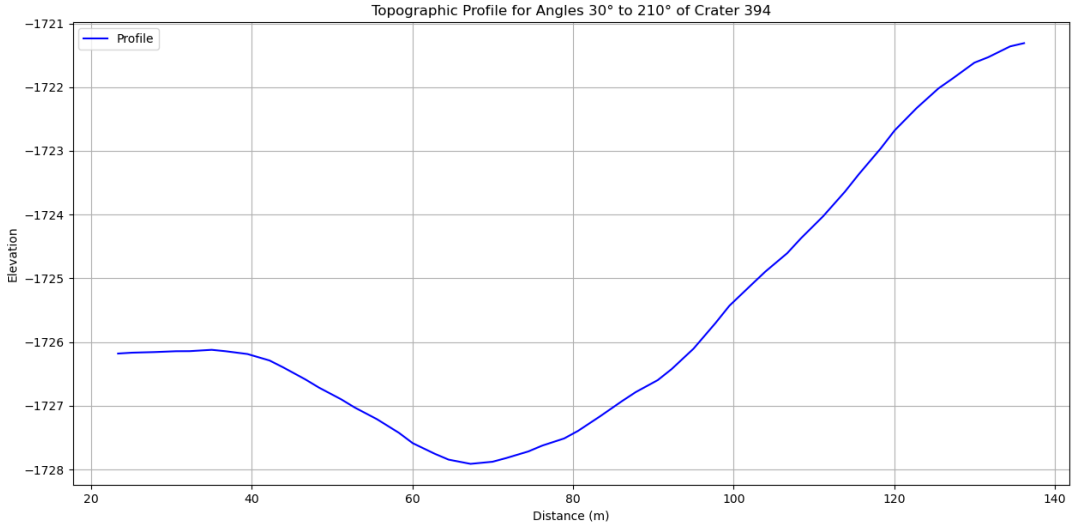


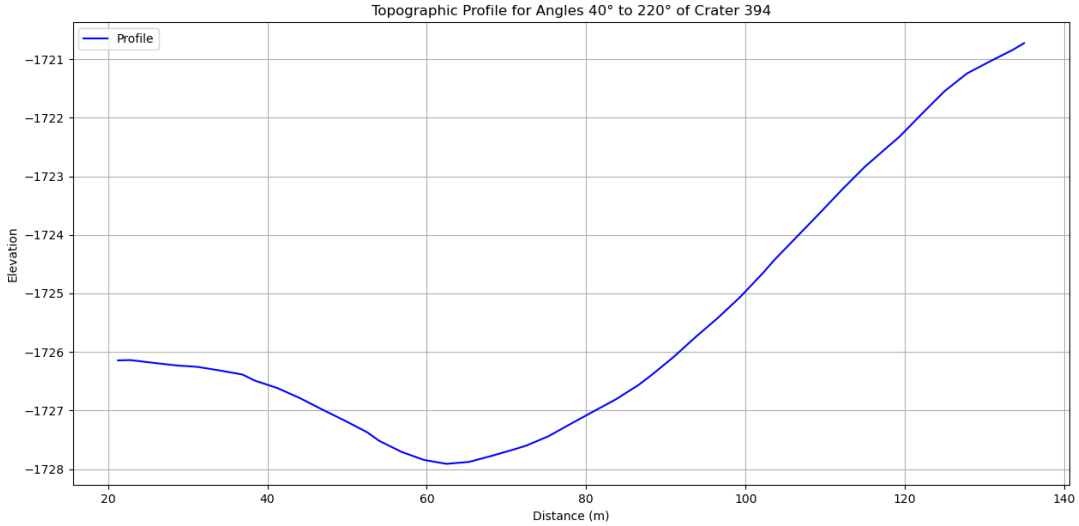
Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 394
Profile
Elevation
Distance (m)
−1723
−1724
−1725
−1726
−1727
−1728
20
40
60
80
100
120


Topographic Profile for Angles 20° to 200° of Crater 394
Profile
Elevation
Distance (m)
−1722
−1723
−1724
−1725
−1726
−1727
−1728
20
40
60
80
100
120


Topographic Profile for Angles 30° to 210° of Crater 394
Profile
Elevation
Distance (m)
−1721
−1722
−1723
−1724
−1725
−1726
−1727
−1728
20
40
60
80
100
120
140


Topographic Profile for Angles 40° to 220° of Crater 394
Profile
Elevation
Distance (m)
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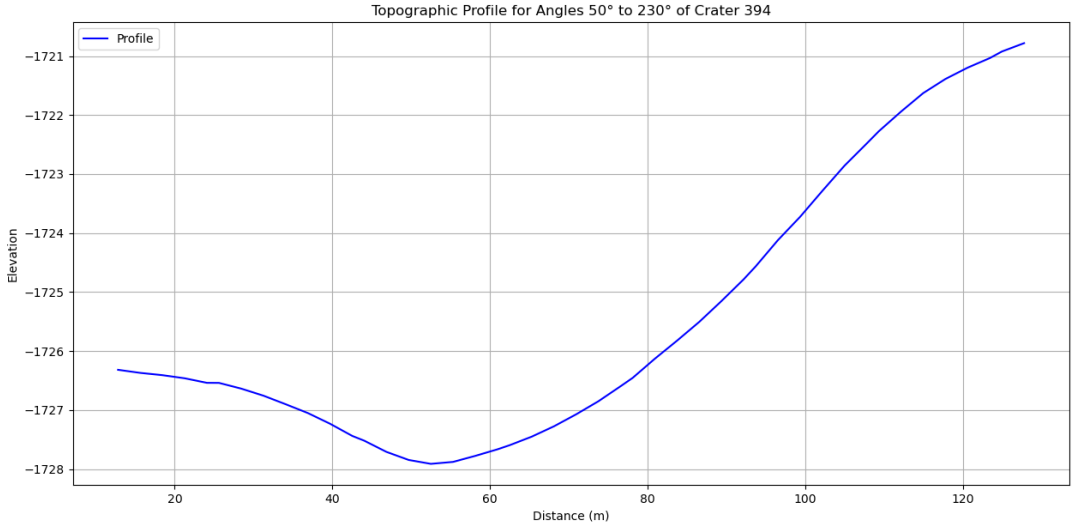
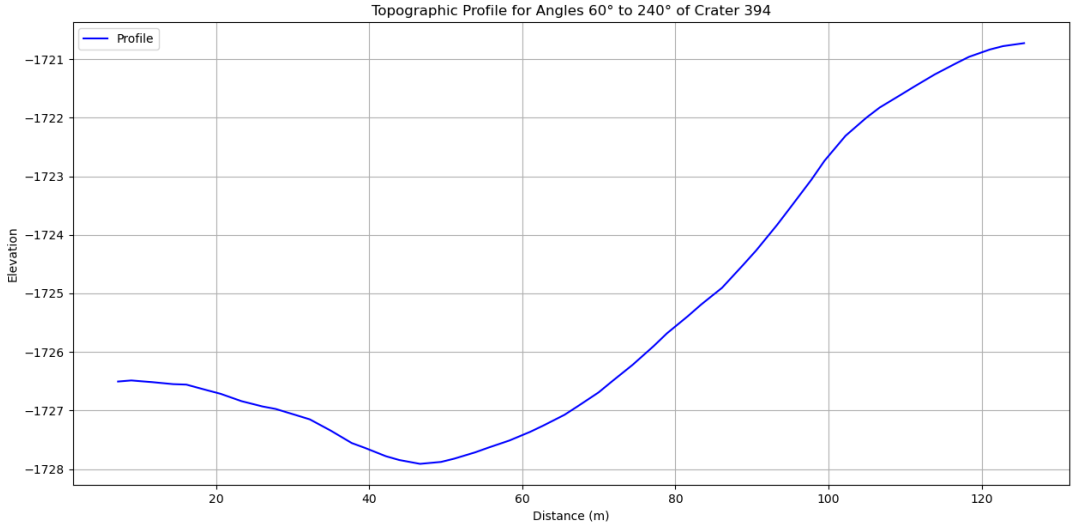
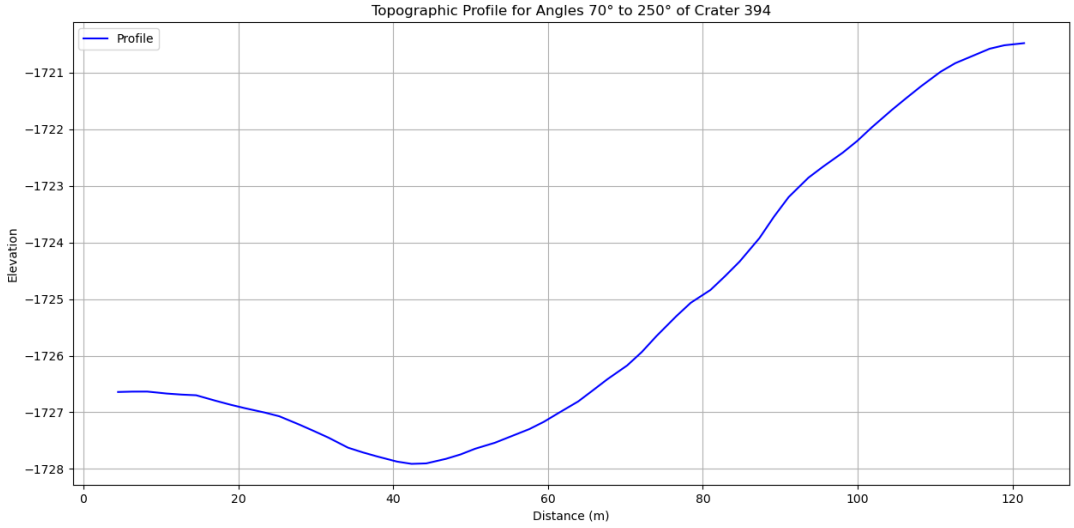
−1722
−1723
−1724
−1725
−1726
−1727
−1728
20
40
60
80
100
120
140


Topographic Profile for Angles 50° to 230° of Crater 394
Profile
Elevation
−1721
−1722
−1723
−1724
−1725
−1726
−1727
−1728
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 394
Profile
Elevation
−1721
−1722
−1723
−1724
−1725
−1726
−1727
−1728
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 394
Profile
Elevation
Distance (m)
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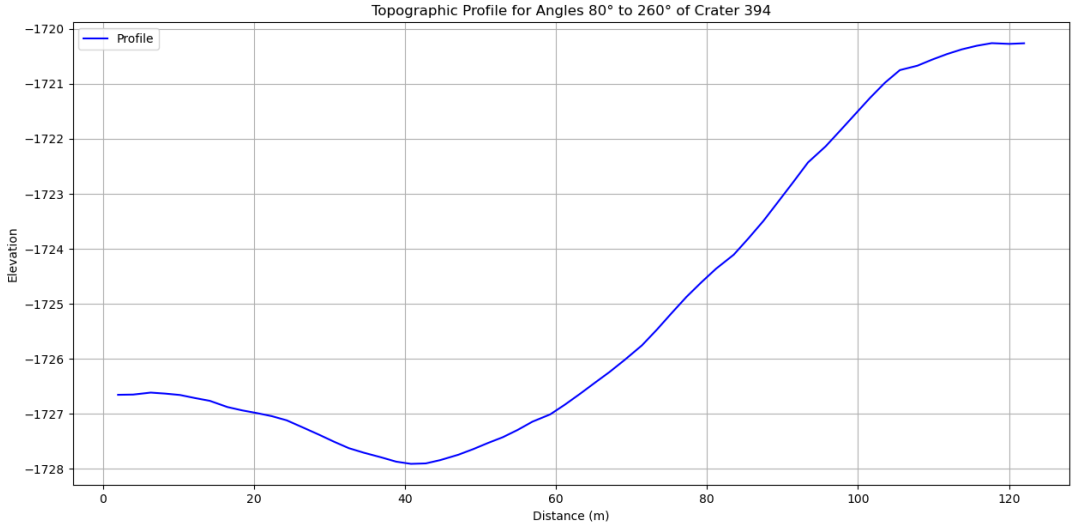
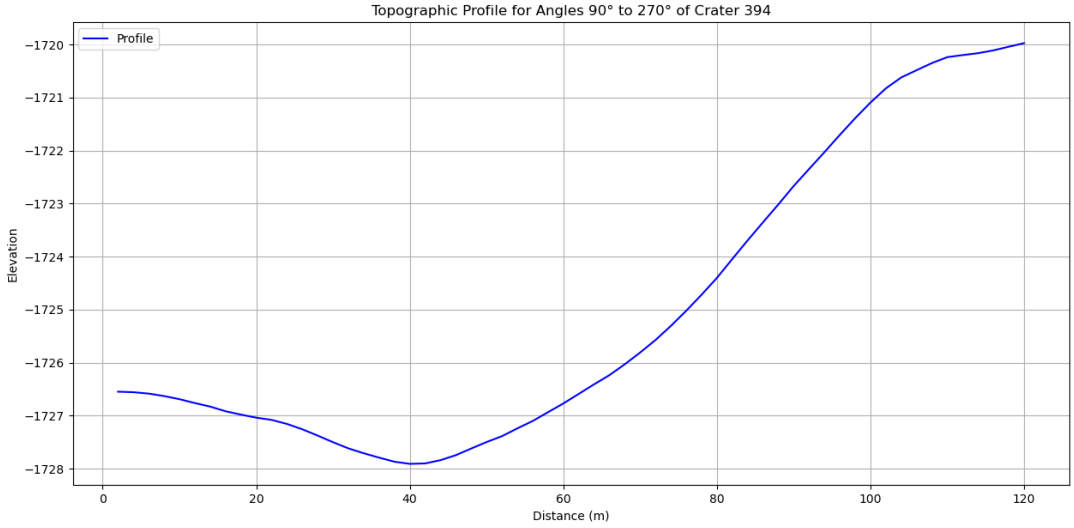
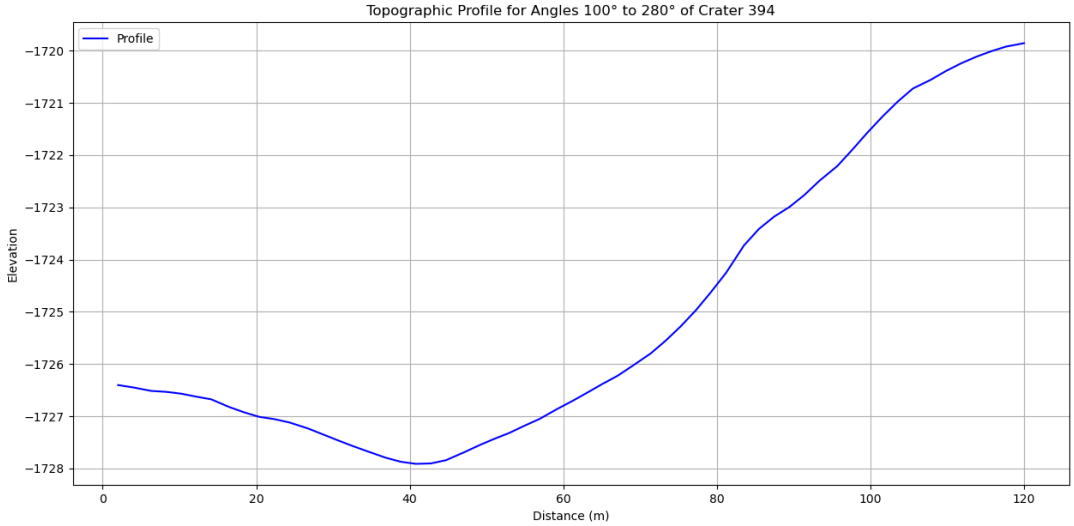
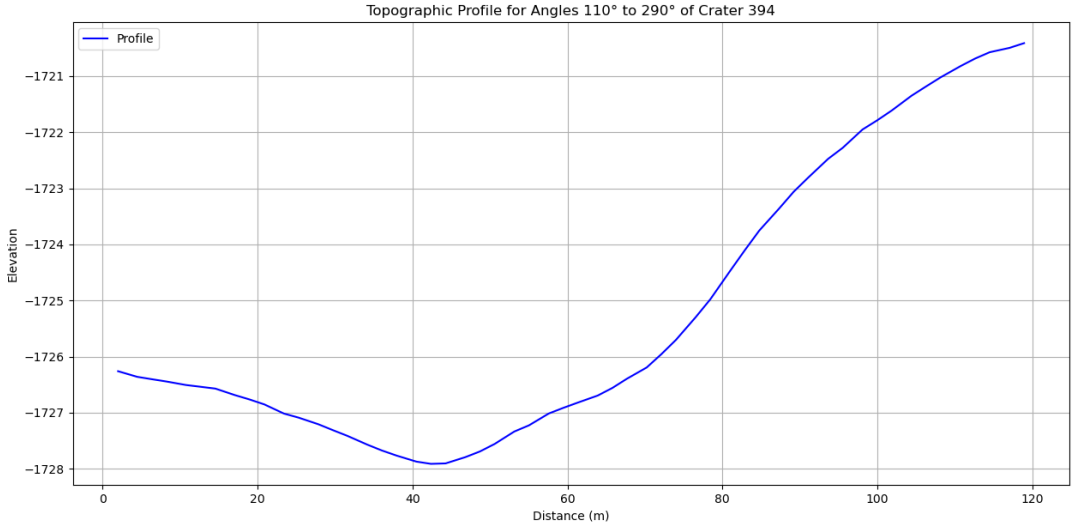
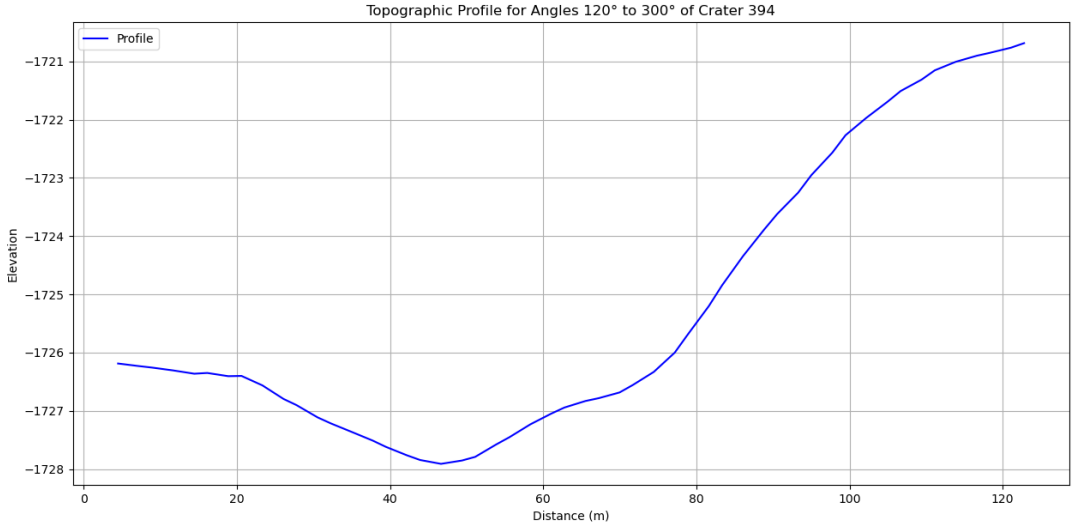
−1722
−1723
−1724
−1725
−1726
−1727
−1728
0
20
40
60
80
100
120


Topographic Profile for Angles 80° to 260° of Crater 394
Profile
Elevation
Distance (m)
−1720
−1721
−1722
−1723
−1724
−1725
−1726
−1727
−1728
0
20
40
60
80
100
120


Topographic Profile for Angles 90° to 270° of Crater 394
Profile
Elevation
Distance (m)
−1720
−1721
−1722
−1723
−1724
−1725
−1726
−1727
−1728
0
20
40
60
80
100
120


Topographic Profile for Angles 100° to 280° of Crater 394
Profile
Elevation
Distance (m)
−1720
−1721
−1722
−1723
−1724
−1725
−1726
−1727
−1728
0
20
40
60
80
100
120


Topographic Profile for Angles 110° to 290° of Crater 394
Profile
Elevation
Distance (m)
−1721
−1722
−1723
−1724
−1725
−1726
−1727
−1728
0
20
40
60
80
100
120


Topographic Profile for Angles 120° to 300° of Crater 394
Profile
Elevation
Distance (m)
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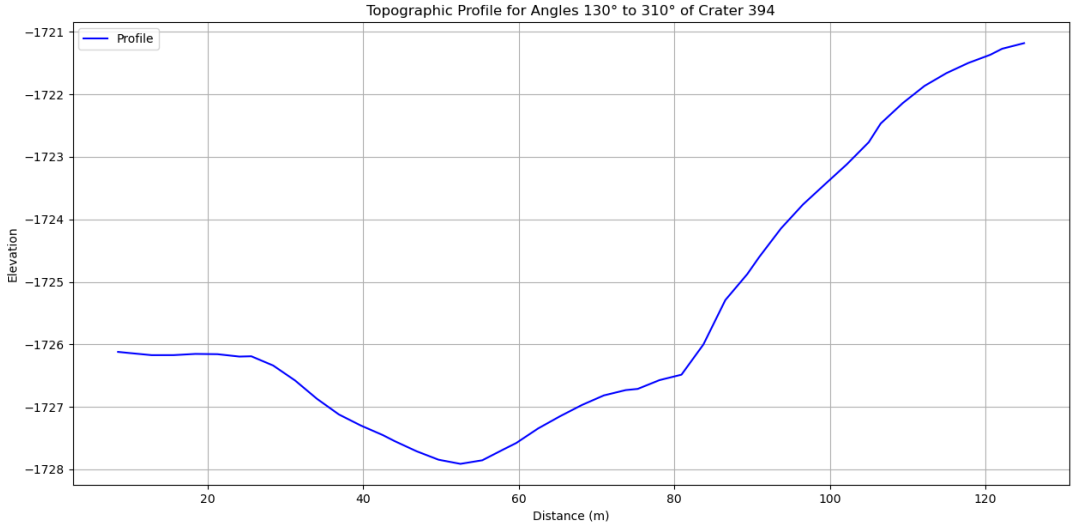
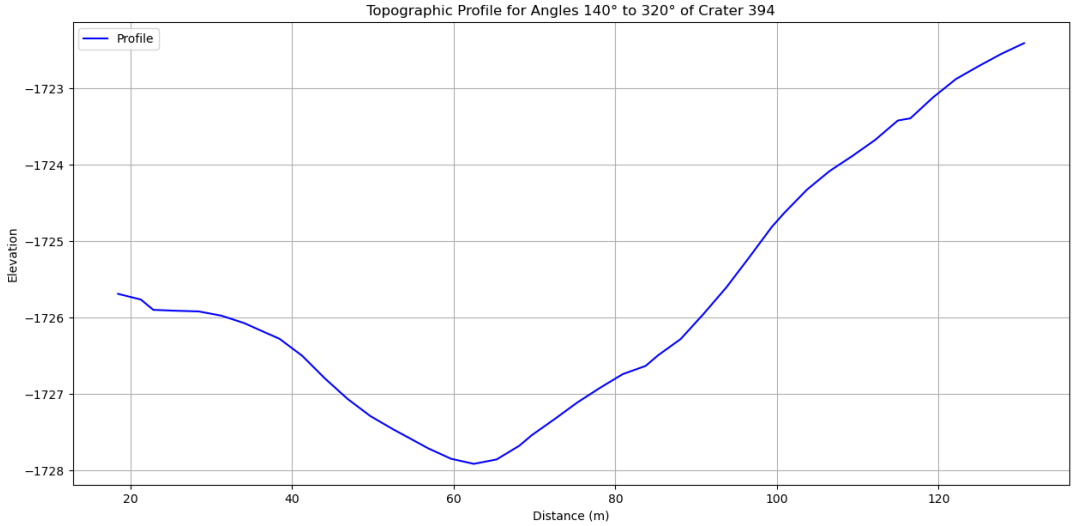
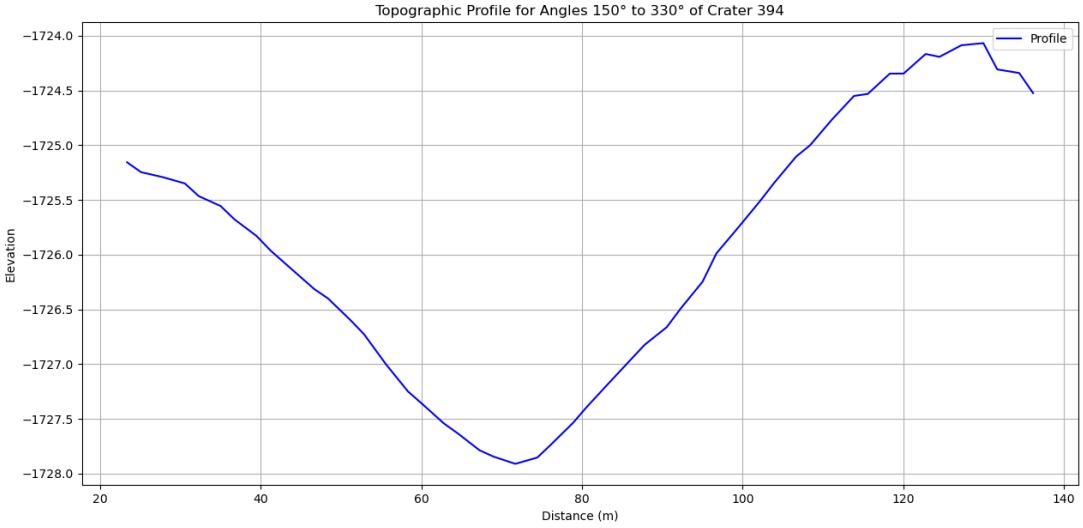
−1722
−1723
−1724
−1725
−1726
−1727
−1728
0
20
40
60
80
100
120


Topographic Profile for Angles 130° to 310° of Crater 394
Profile
Elevation
Distance (m)
−1721
−1722
−1723
−1724
−1725
−1726
−1727
−1728
20
40
60
80
100
120


Topographic Profile for Angles 140° to 320° of Crater 394
Profile
Elevation
Distance (m)
−1723
−1724
−1725
−1726
−1727
−1728
20
40
60
80
100
120


Topographic Profile for Angles 150° to 330° of Crater 394
Profile
Elevation
Distance (m)
−1724.0
−1724.5
−1725.0
−1725.5
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−1728.0
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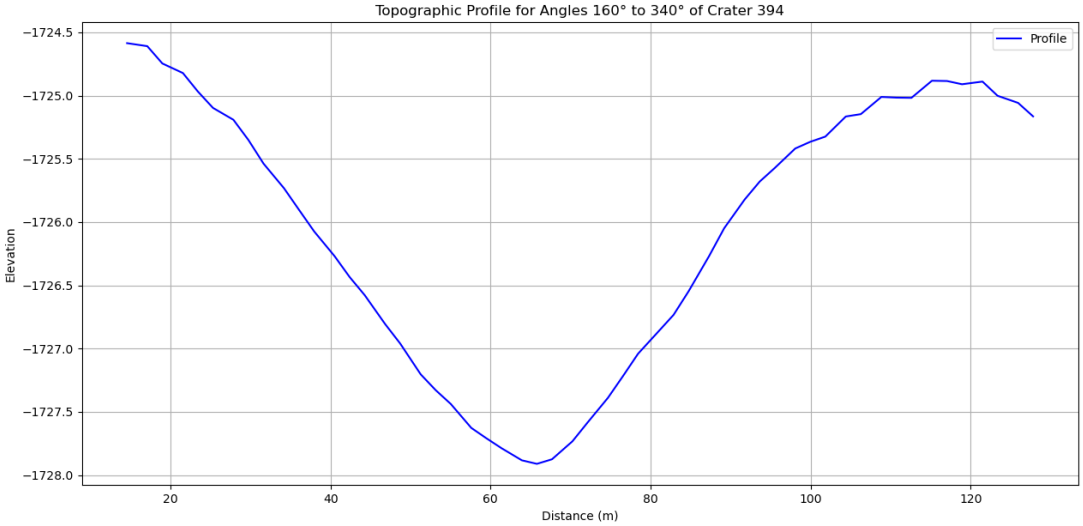
80
100
120
140


Topographic Profile for Angles 160° to 340° of Crater 394
Profile
Elevation
Distance (m)
−1724.5
−1725.0
−1725.5
−1726.0
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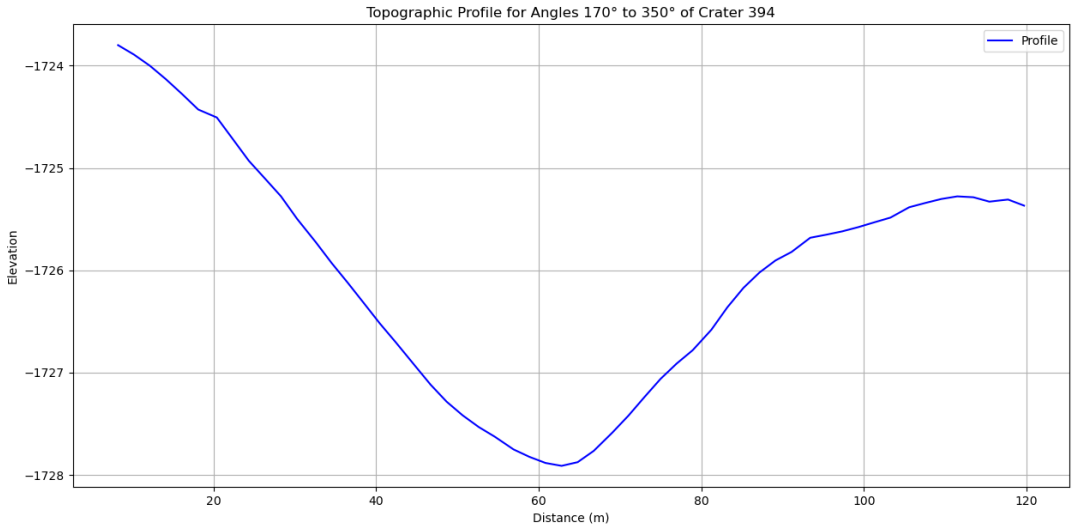
−1728.0
20
40
60
80
100
120


Topographic Profile for Angles 170° to 350° of Crater 394
Profile
Elevation
−1724
−1725
−1726
−1727
−1728
20
40
60
80
100
120
Distance (m)