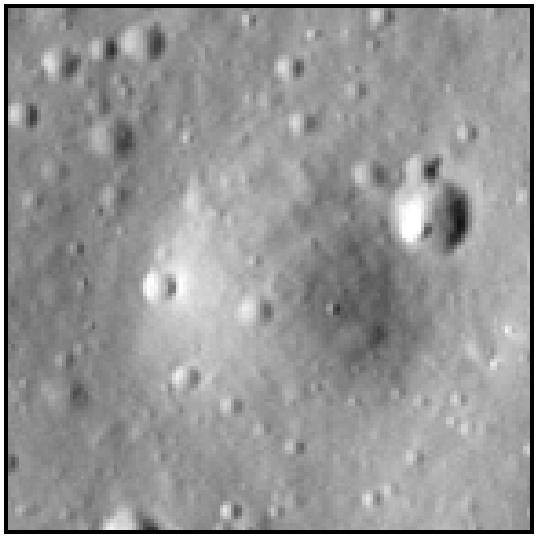
Crater report 888 of RG2

General information



ID : 888

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 59m ± 8.0m

Mean depht : 3.1m ± 0.3m

d/D ratio : 0.053 ± 0.008

Circularity index : 0.91

Slope : Between 7.05° et 10.67°

Mean value of TRI on the rim crest : 0.34

Geometric center coordinates : (3655611.6080763075, 228962.4652793937)

Coordinates of the crater's lowest point : (3655601.0000011, 228953.00000006755)

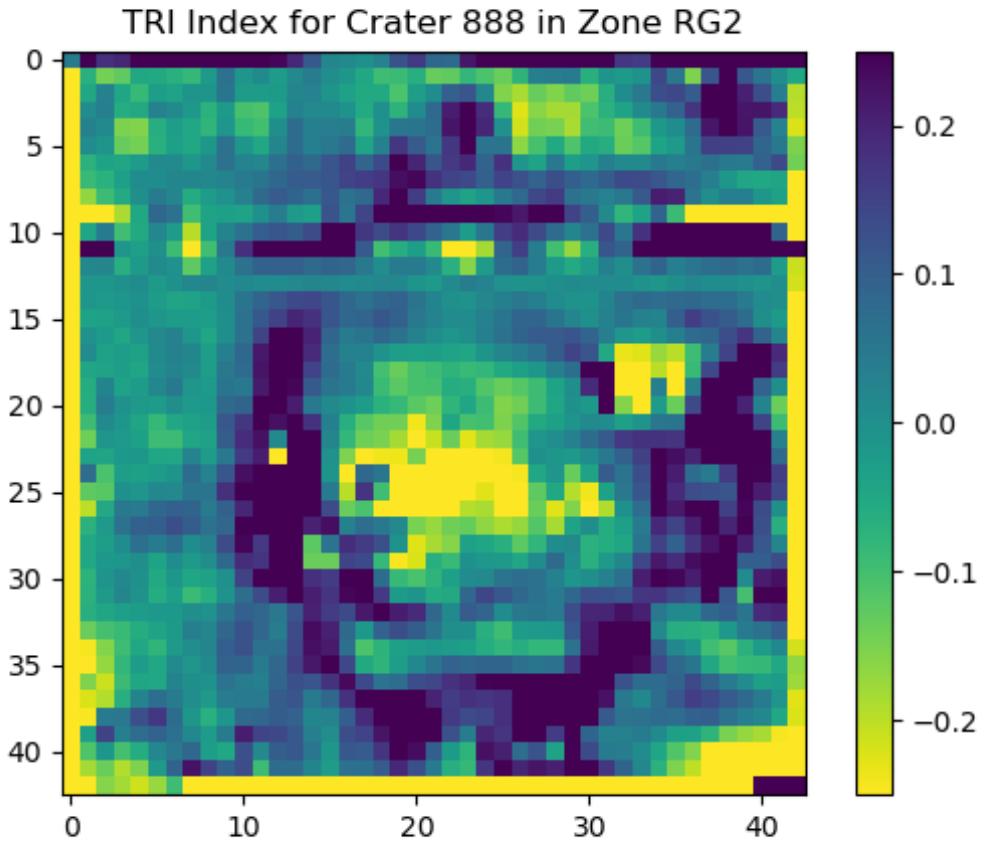
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	7.95	0.57
10°	7.41	0.55
20°	7.33	0.5
30°	7.26	0.48
40°	7.52	0.42
50°	7.88	0.42
60°	7.21	0.49
70°	8.11	0.51
80°	10.08	0.55
90°	10.28	0.57
100°	8.48	0.55
110°	7.63	0.5

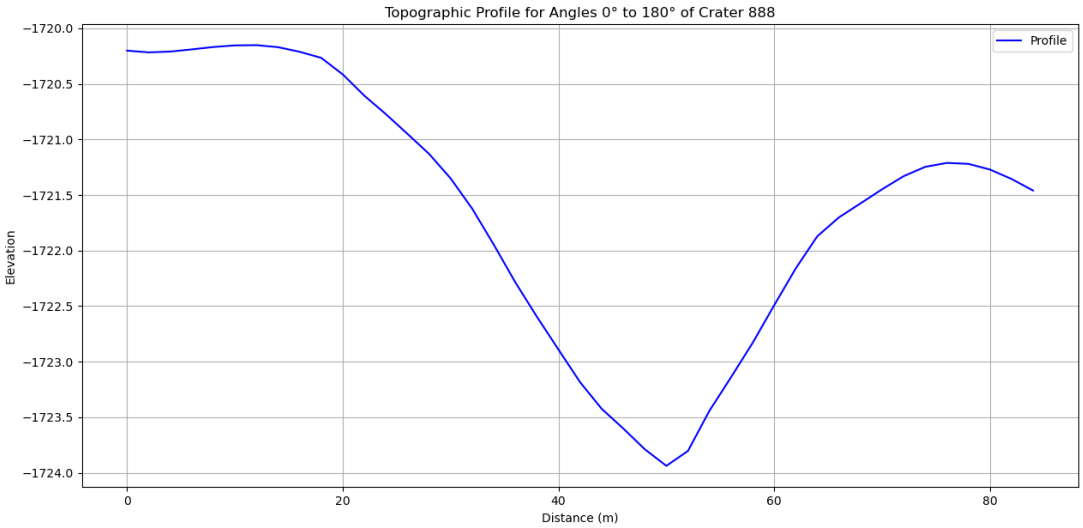
120°	7.14	0.49
130°	7.64	0.43
140°	7.84	0.43
150°	7.31	0.48
160°	7.85	0.52
170°	7.94	0.55
180°	8.24	0.57
190°	8.23	0.54
200°	8.05	0.53
210°	9.62	0.49
220°	10.29	0.46
230°	10.38	0.46
240°	10.67	0.49
250°	10.26	0.52
260°	9.44	0.52
270°	9.9	0.57
280°	8.5	0.52
290°	8.14	0.52
300°	8.69	0.49
310°	8.46	0.46
320°	7.62	0.45
330°	7.22	0.49
340°	7.05	0.5
350°	7.62	0.55

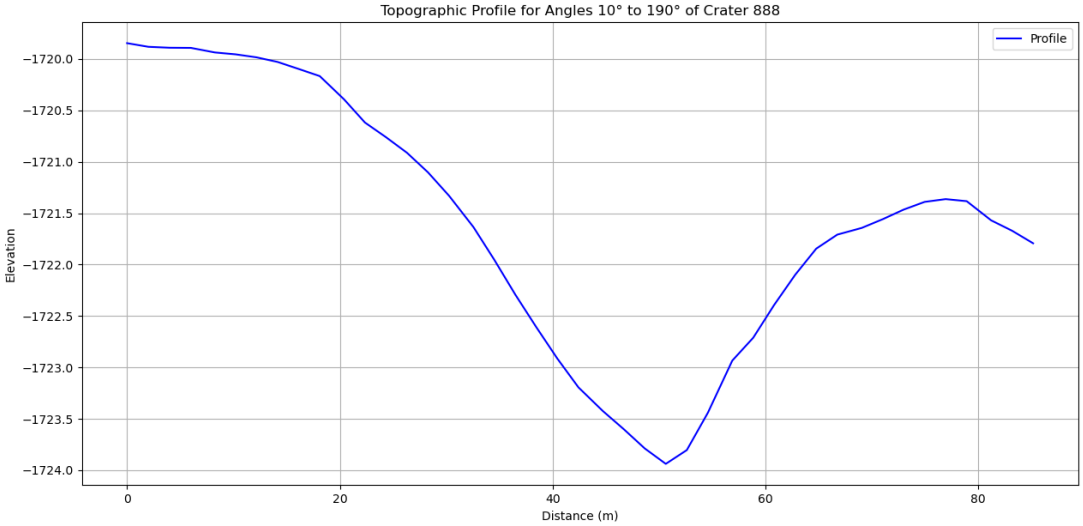
Topographic roughness index (TRI)

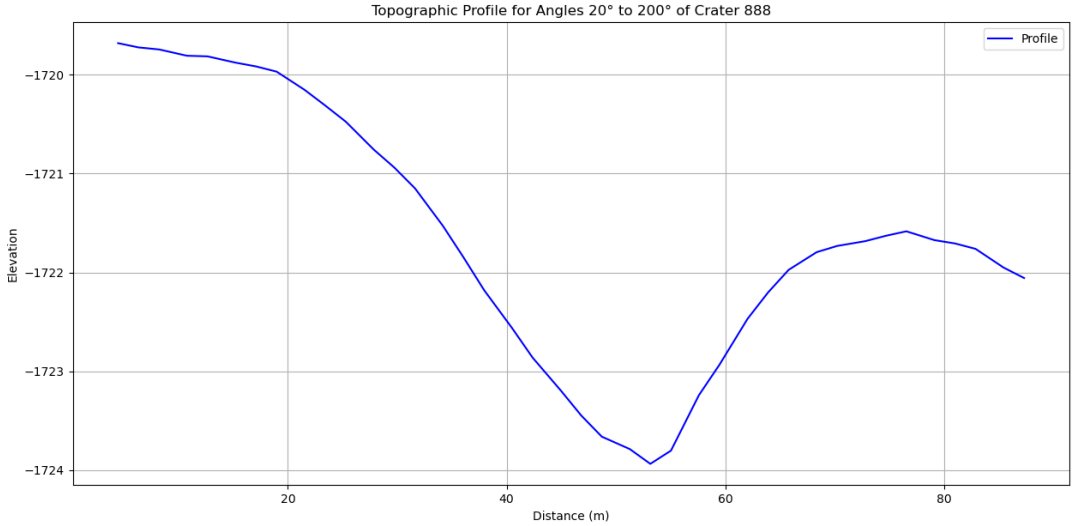
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

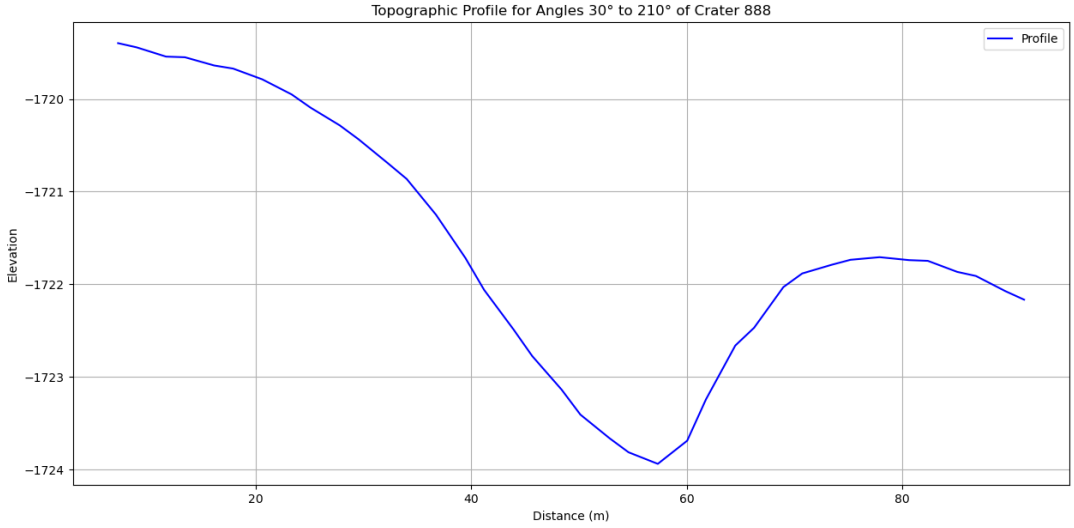


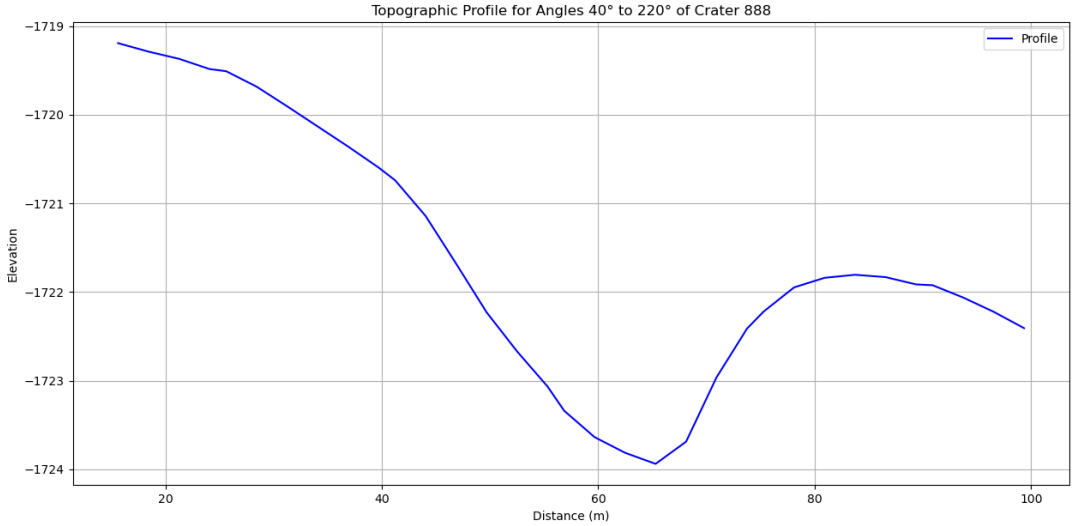
Topographic profiles

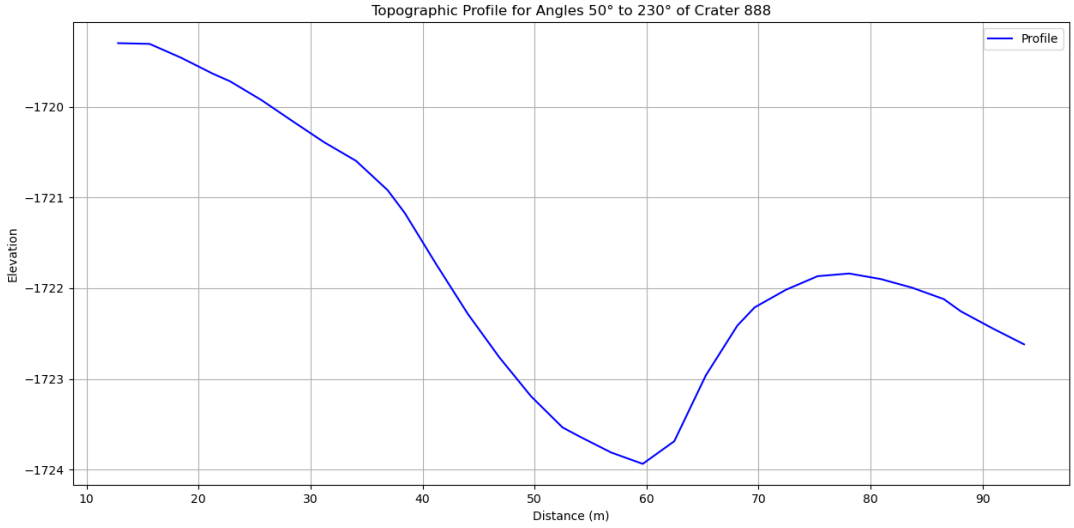


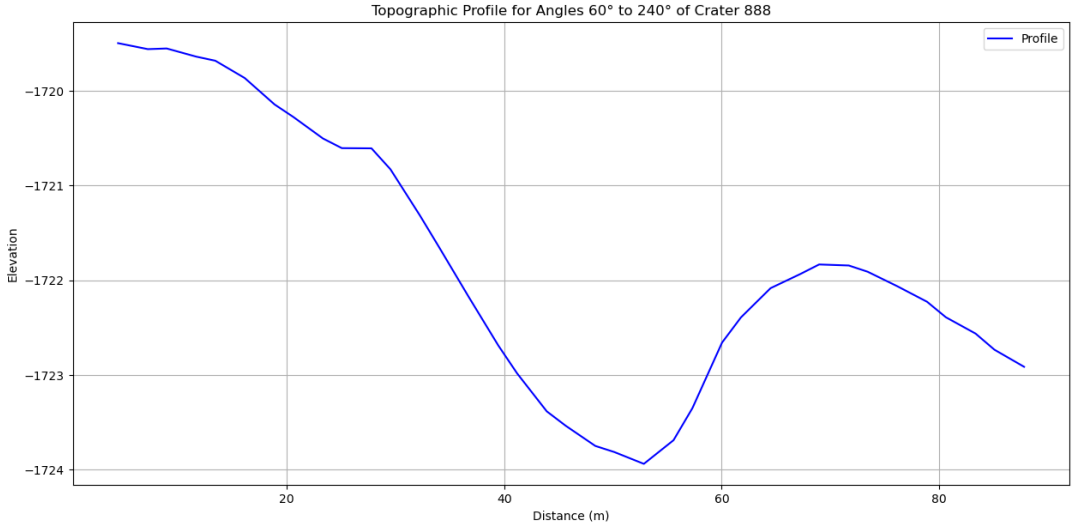

Topographic Profile for Angles 10° to 190° of Crater 888
Profile
Elevation
−1720.0
−1720.5
−1721.0
−1721.5
−1722.0
−1722.5
−1723.0
−1723.5
−1724.0
0
20
40
60
80
Distance (m)

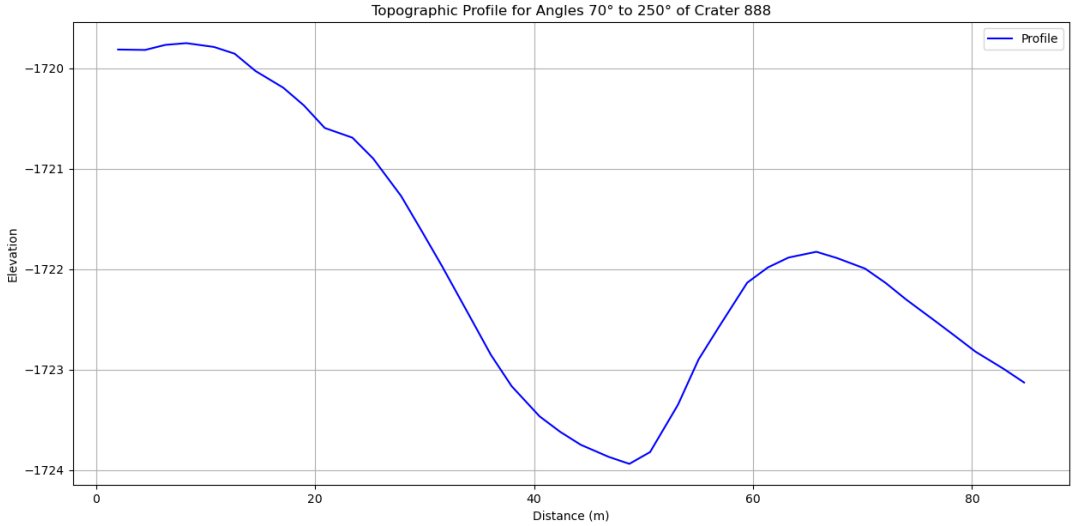

Topographic Profile for Angles 20° to 200° of Crater 888
Profile
Elevation
−1720
−1721
−1722
−1723
−1724
20
40
60
80
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 888
Profile
Elevation
−1720
−1721
−1722
−1723
−1724
20
40
60
80
Distance (m)


Topographic Profile for Angles 40° to 220° of Crater 888
Profile
Elevation
−1719
−1720
−1721
−1722
−1723
−1724
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 50° to 230° of Crater 888
Profile
Elevation
−1720
−1721
−1722
−1723
−1724
10
20
30
40
50
60
70
80
90
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 888
Profile
Elevation
−1720
−1721
−1722
−1723
−1724
20
40
60
80
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 888
Profile
Elevation
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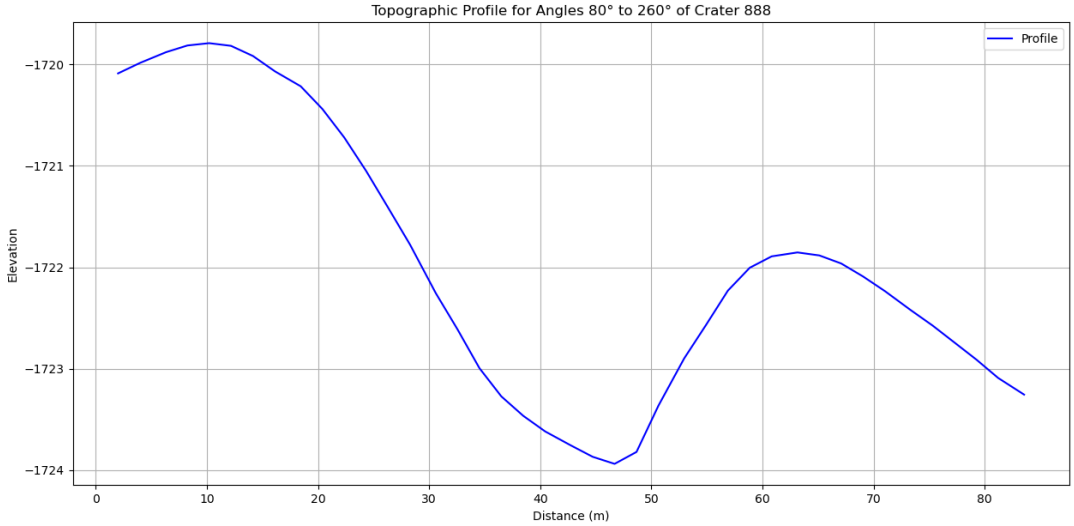
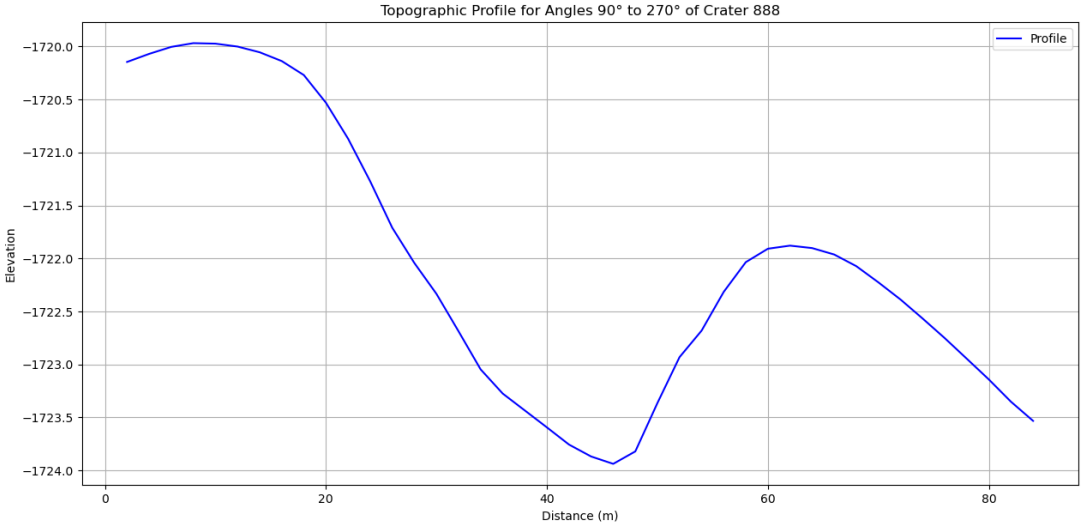
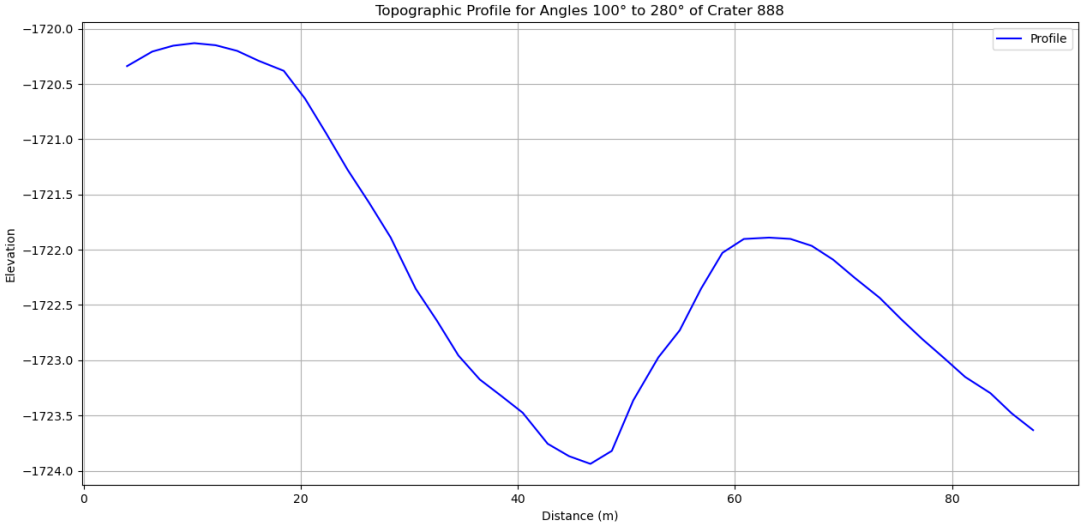
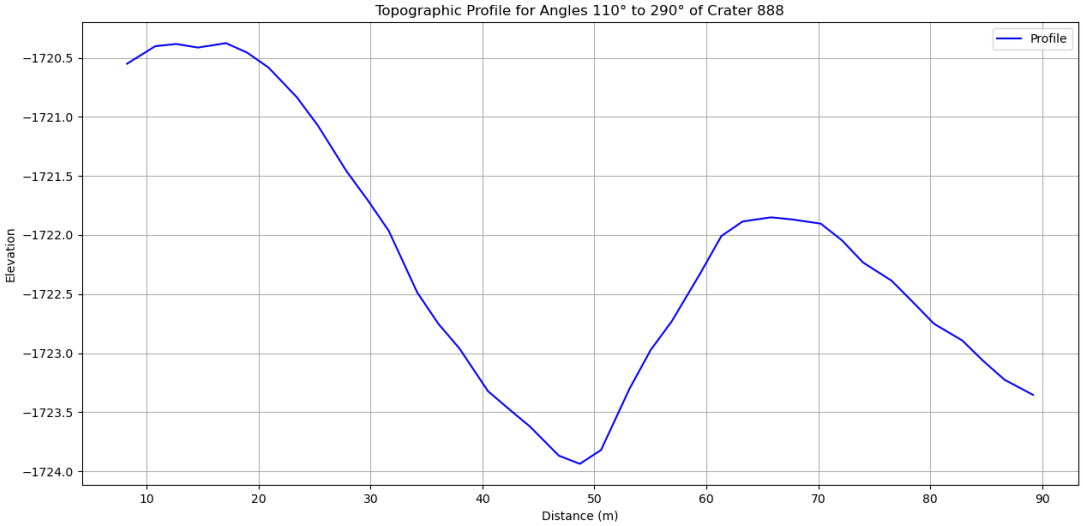
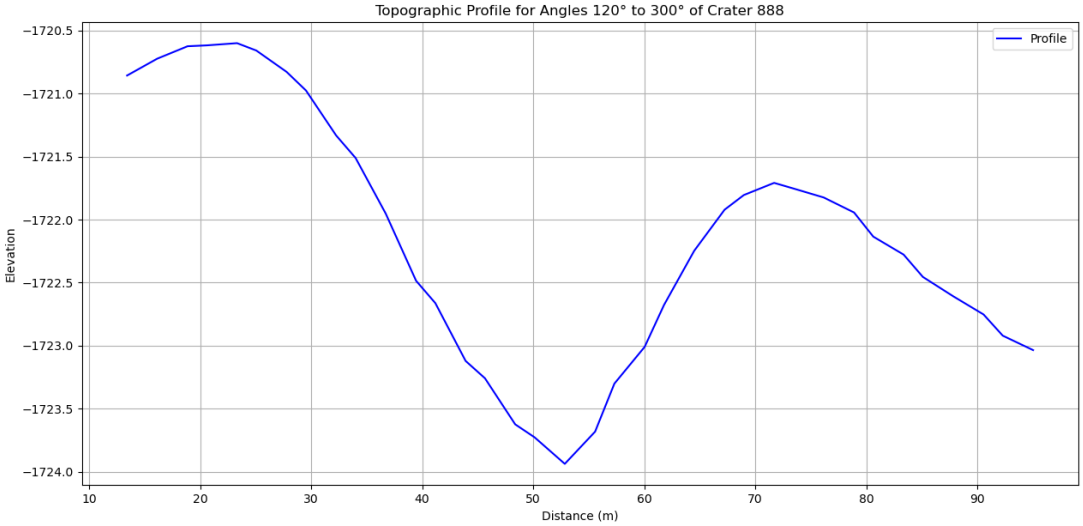
−1721
−1722
−1723
−1724
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 888
Profile
Elevation
−1720
−1721
−1722
−1723
−1724
0
10
20
30
40
50
60
70
80
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 888
Profile
Elevation
Distance (m)
−1720.0
−1720.5
−1721.0
−1721.5
−1722.0
−1722.5
−1723.0
−1723.5
−1724.0
0
20
40
60
80


Topographic Profile for Angles 100° to 280° of Crater 888
Profile
Elevation
Distance (m)
−1720.0
−1720.5
−1721.0
−1721.5
−1722.0
−1722.5
−1723.0
−1723.5
−1724.0
0
20
40
60
80


Topographic Profile for Angles 110° to 290° of Crater 888
Profile
Elevation
Distance (m)
−1720.5
−1721.0
−1721.5
−1722.0
−1722.5
−1723.0
−1723.5
−1724.0
10
20
30
40
50
60
70
80
90


Topographic Profile for Angles 120° to 300° of Crater 888
Profile
Elevation
Distance (m)
−1720.5
−1721.0
−1721.5
−1722.0
−1722.5
−1723.0
−1723.5
−1724.0
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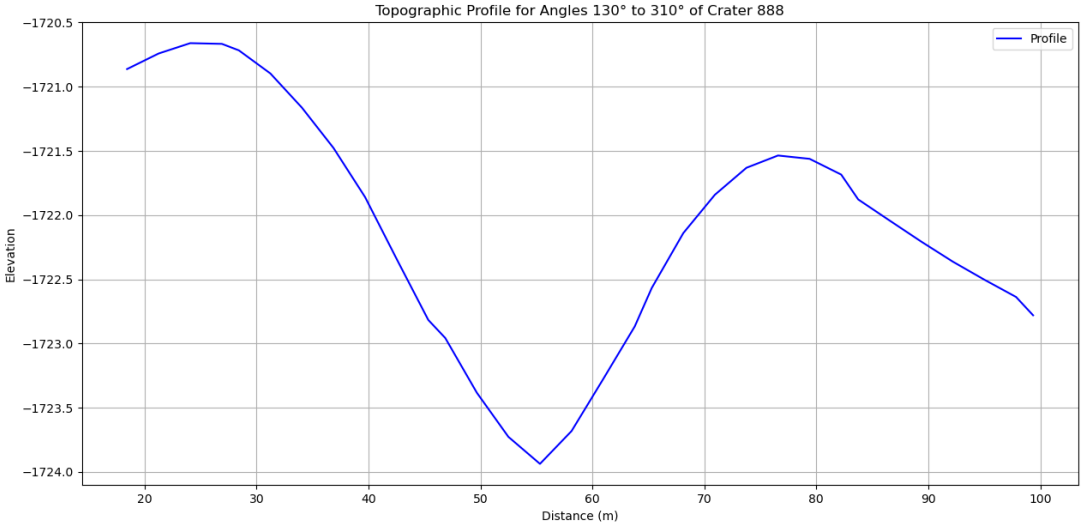
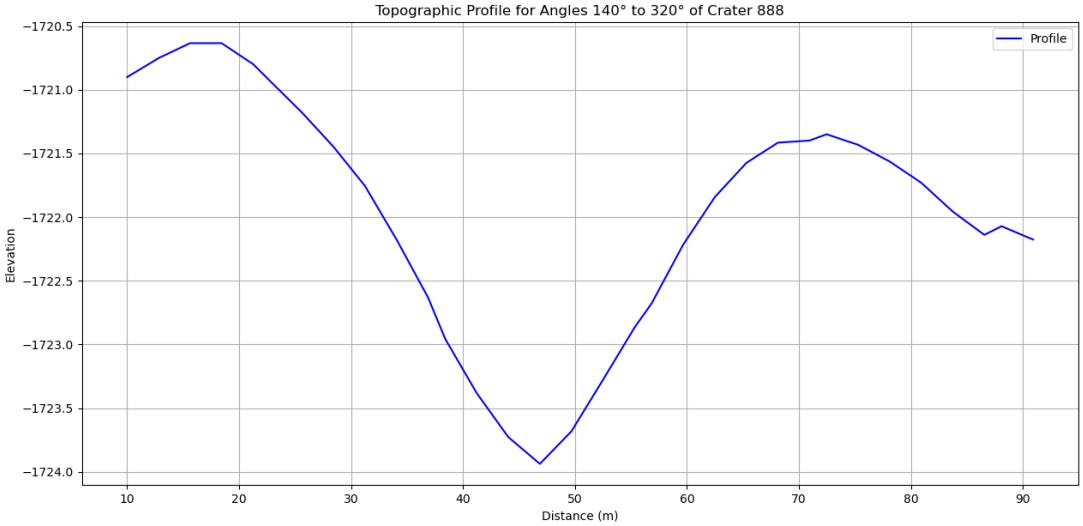
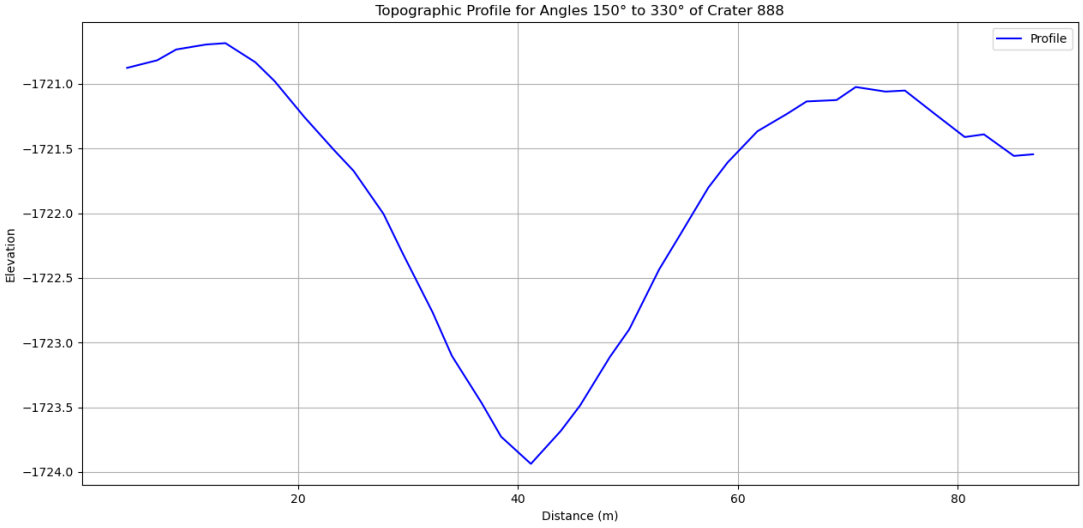
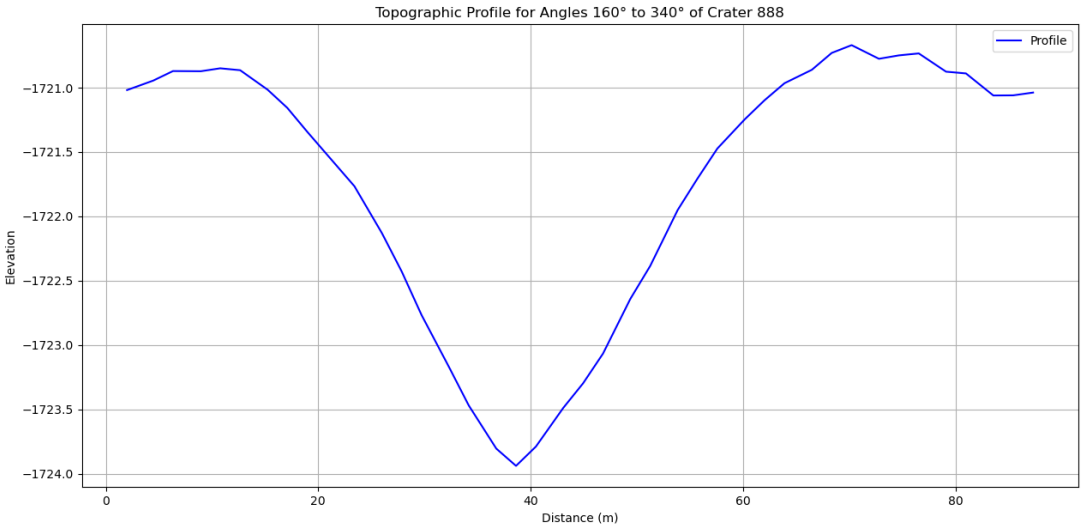
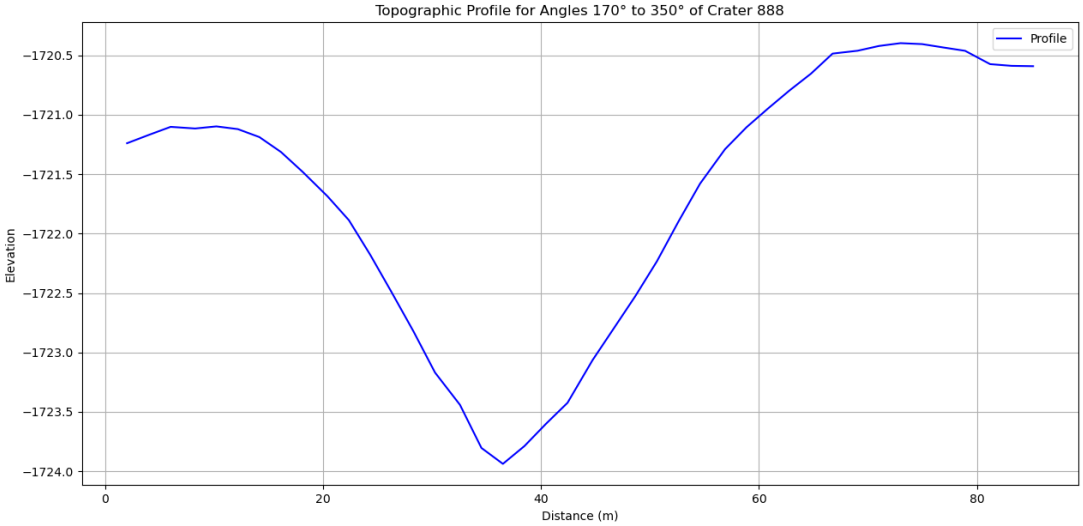
20
30
40
50
60
70
80
90


Topographic Profile for Angles 130° to 310° of Crater 888
Profile
Elevation
Distance (m)
−1720.5
−1721.0
−1721.5
−1722.0
−1722.5
−1723.0
−1723.5
−1724.0
20
30
40
50
60
70
80
90
100


Topographic Profile for Angles 140° to 320° of Crater 888
Profile
Elevation
Distance (m)
−1720.5
−1721.0
−1721.5
−1722.0
−1722.5
−1723.0
−1723.5
−1724.0
10
20
30
40
50
60
70
80
90


Topographic Profile for Angles 150° to 330° of Crater 888
Profile
Elevation
−1721.0
−1721.5
−1722.0
−1722.5
−1723.0
−1723.5
−1724.0
20
40
60
80
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 888
Profile
Elevation
−1721.0
−1721.5
−1722.0
−1722.5
−1723.0
−1723.5
−1724.0
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 888
Profile
Elevation
−1720.5
−1721.0
−1721.5
−1722.0
−1722.5
−1723.0
−1723.5
−1724.0
0
20
40
60
80
Distance (m)