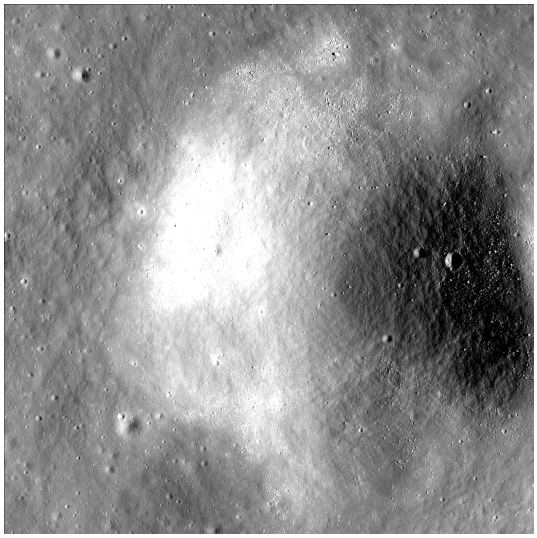
Crater report 676 of RG2

General information



ID : 676

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : B

Mean Diameter : 861m ± 41.0m

Mean depht : 119.3m ± 1.7m

d/D ratio : 0.138 ± 0.007

Circularity index : 0.94

Mean slope : 15.88°

Mean value of TRI on the rim crest : 0.16

Geometric center coordinates : (3656865.6049505845, 230560.68754882354)

Coordinates of the crater's lowest point : (3656901.0000011004, 230533.00000006802)

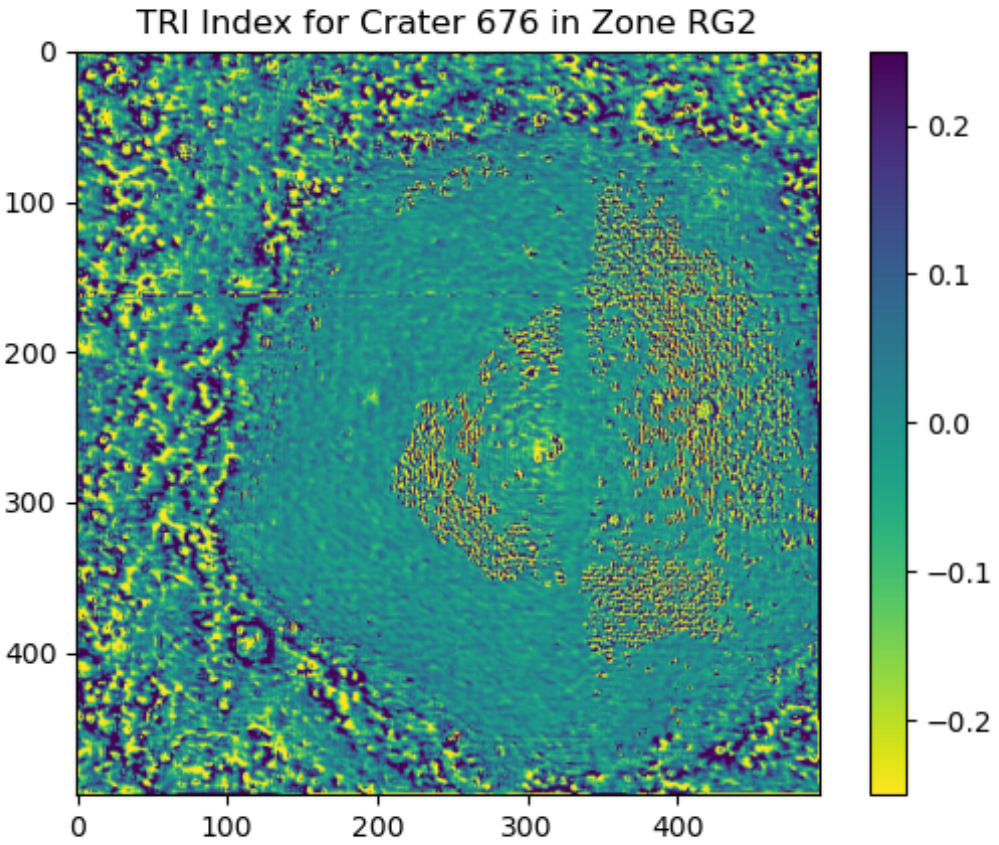
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	16.9	0.56
10°	16.2	0.53
20°	15.64	0.51
30°	15.22	0.47
40°	15.34	0.43
50°	15.82	0.43
60°	15.55	0.47
70°	15.57	0.51
80°	15.8	0.53
90°	16.21	0.56
100°	14.98	0.53
110°	13.73	0.51

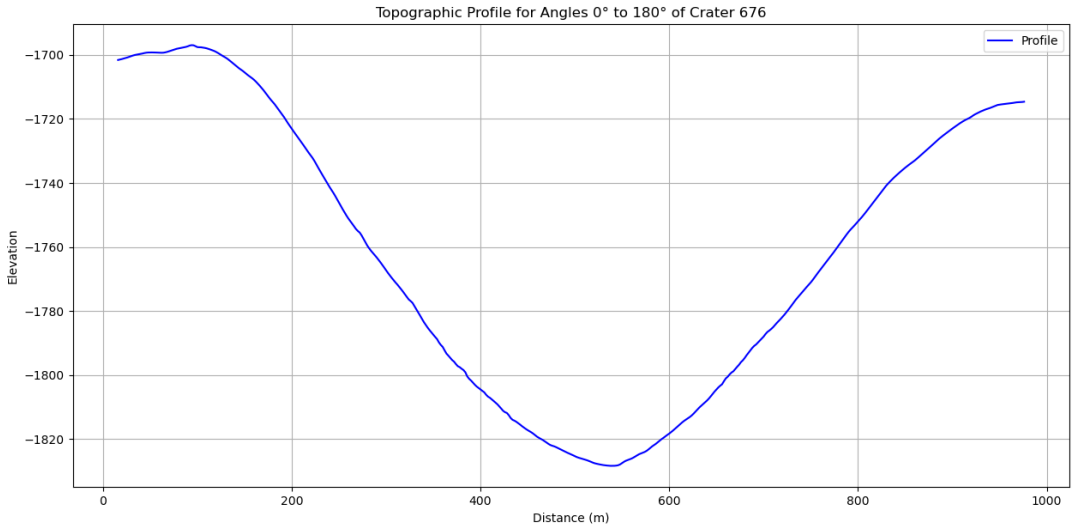
120°	13.33	0.48
130°	14.13	0.43
140°	15.3	0.43
150°	15.43	0.47
160°	15.38	0.51
170°	15.62	0.53
180°	16.67	0.56
190°	16.63	0.53
200°	16.9	0.51
210°	17.37	0.47
220°	17.98	0.42
230°	16.97	0.42
240°	15.58	0.47
250°	15.17	0.51
260°	15.83	0.54
270°	17.34	0.56
280°	16.87	0.53
290°	16.42	0.5
300°	16.25	0.47
310°	16.64	0.42
320°	15.97	0.43
330°	15.01	0.47
340°	15.6	0.51
350°	16.32	0.53

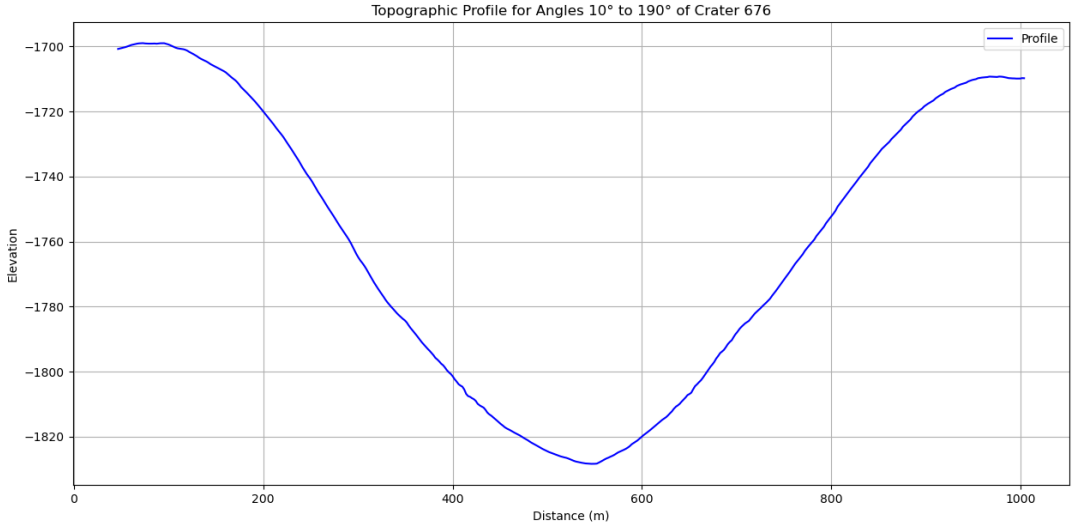
Topographic roughness index (TRI)

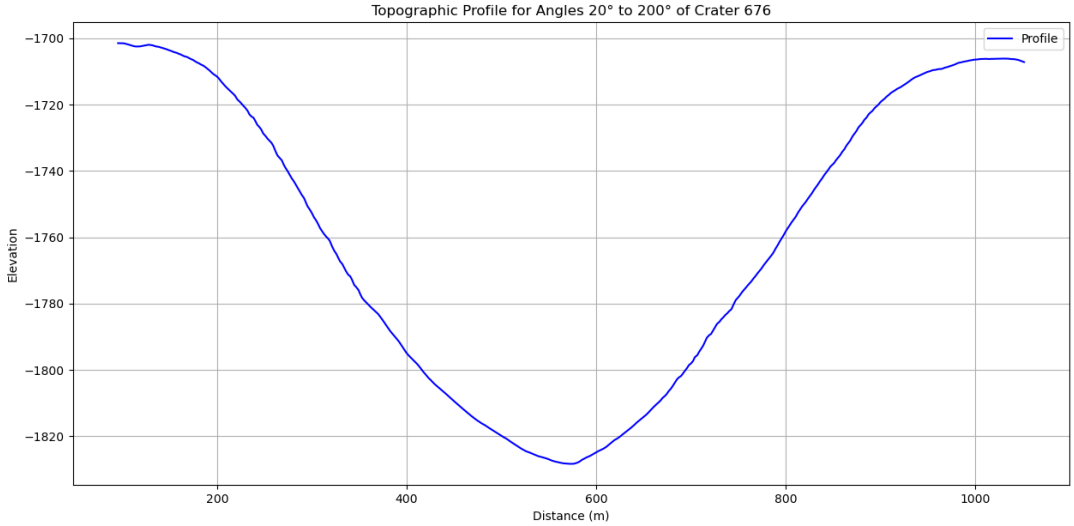
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

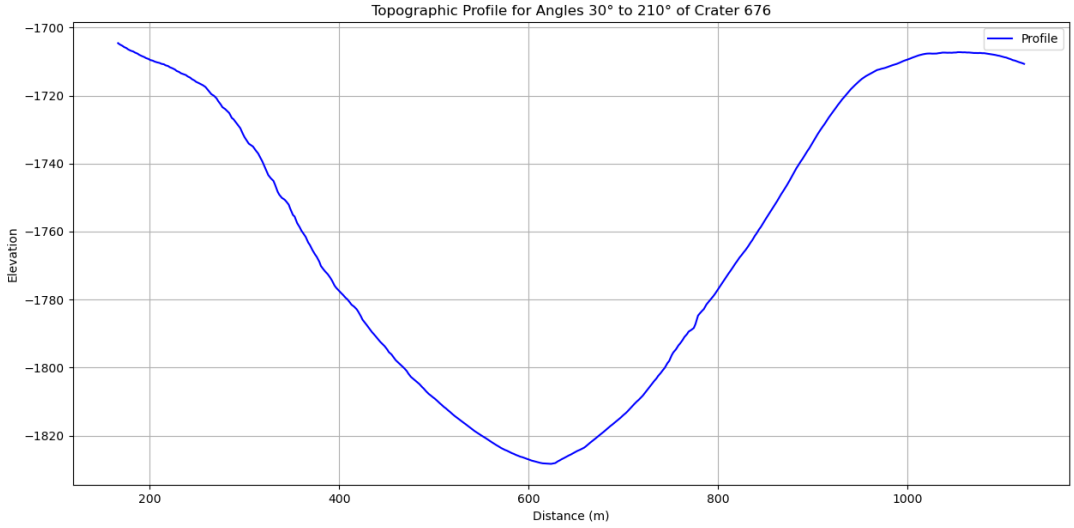


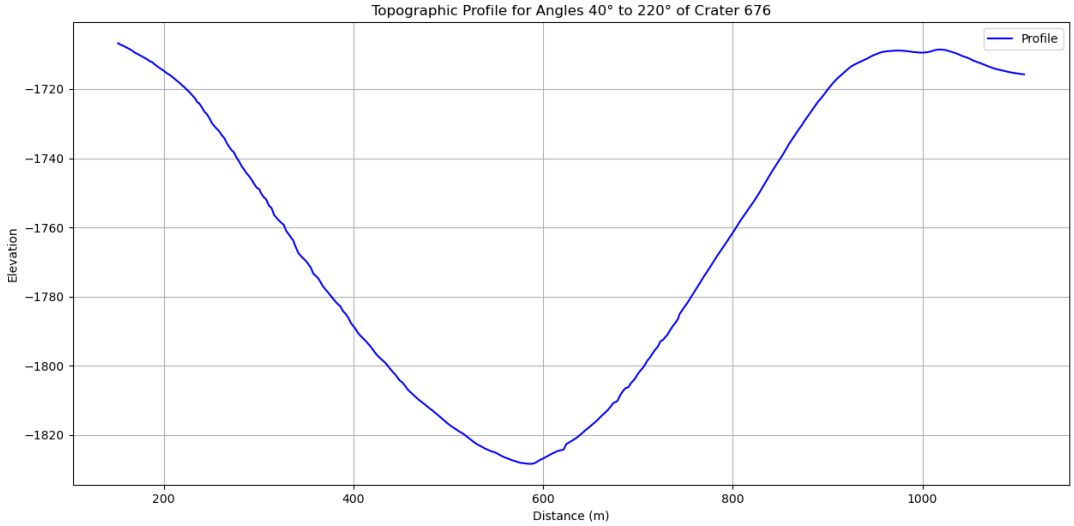
Topographic profiles

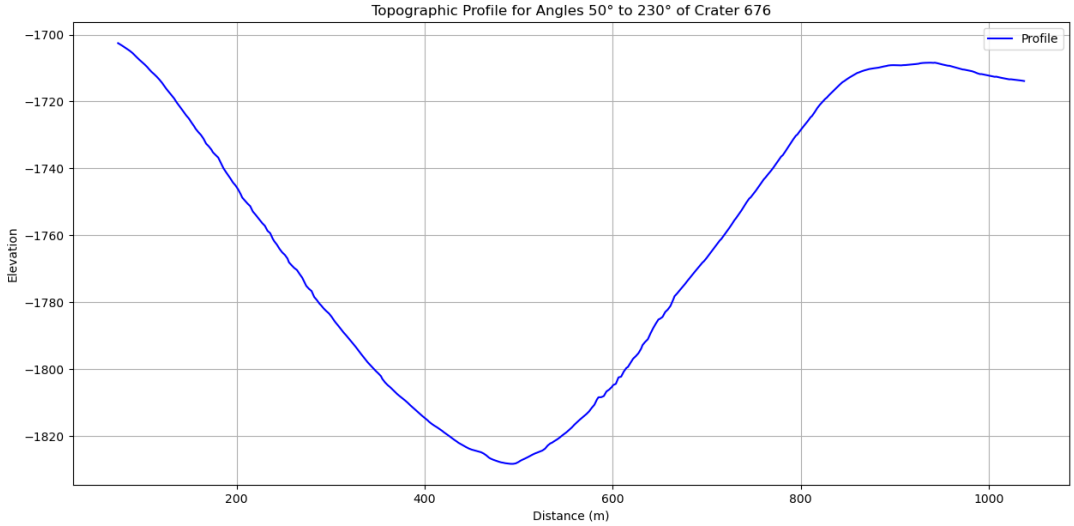



Topographic Profile for Angles 10° to 190° of Crater 676
Profile
Elevation
−1700
−1720
−1740
−1760
−1780
−1800
−1820
0
200
400
600
800
1000
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 676
Profile
Elevation
−1700
−1720
−1740
−1760
−1780
−1800
−1820
200
400
600
800
1000
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 676
Profile
Elevation
Distance (m)
−1700
−1720
−1740
−1760
−1780
−1800
−1820
200
400
600
800
1000


Topographic Profile for Angles 40° to 220° of Crater 676
Profile
Elevation
Distance (m)
−1720
−1740
−1760
−1780
−1800
−1820
200
400
600
800
1000


Topographic Profile for Angles 50° to 230° of Crater 676
Profile
Elevation
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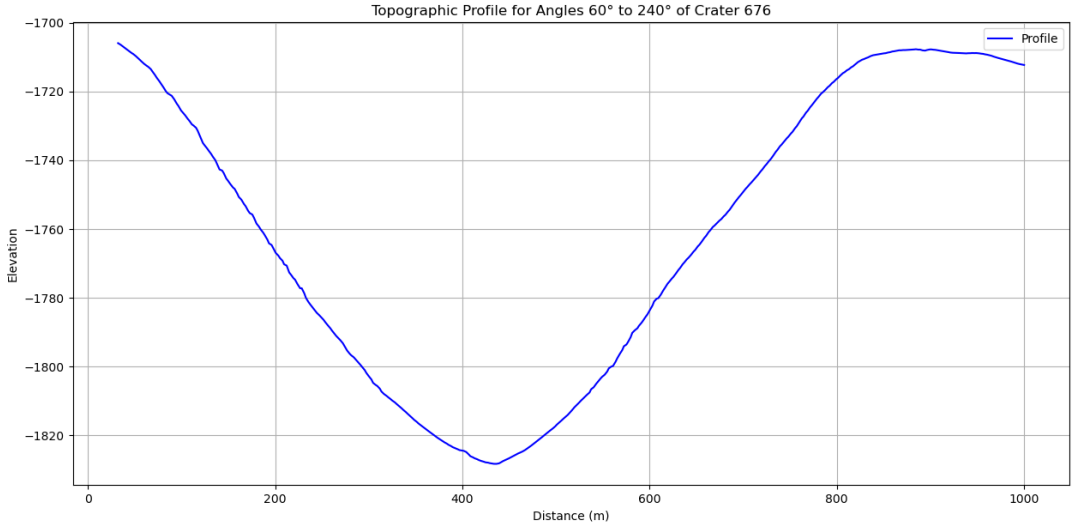
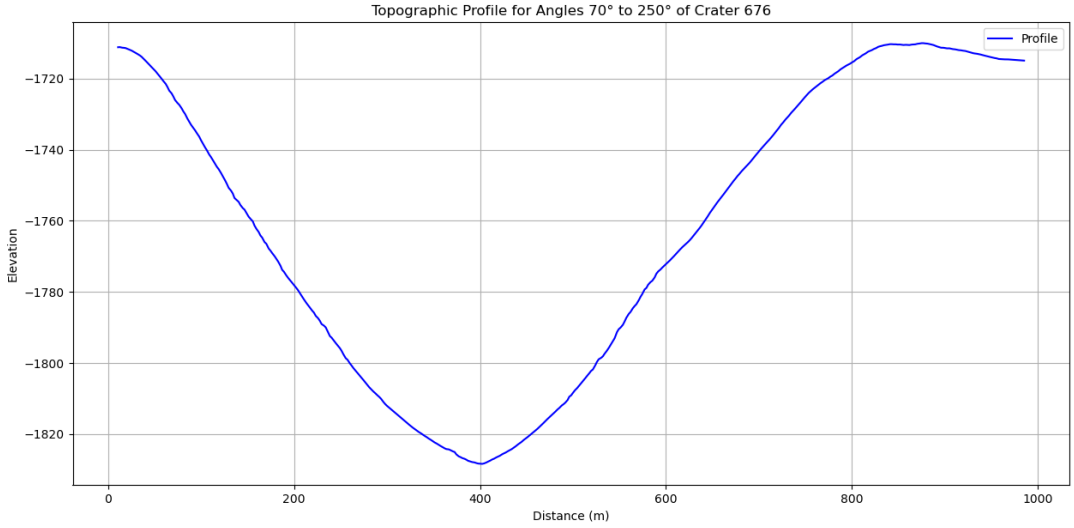
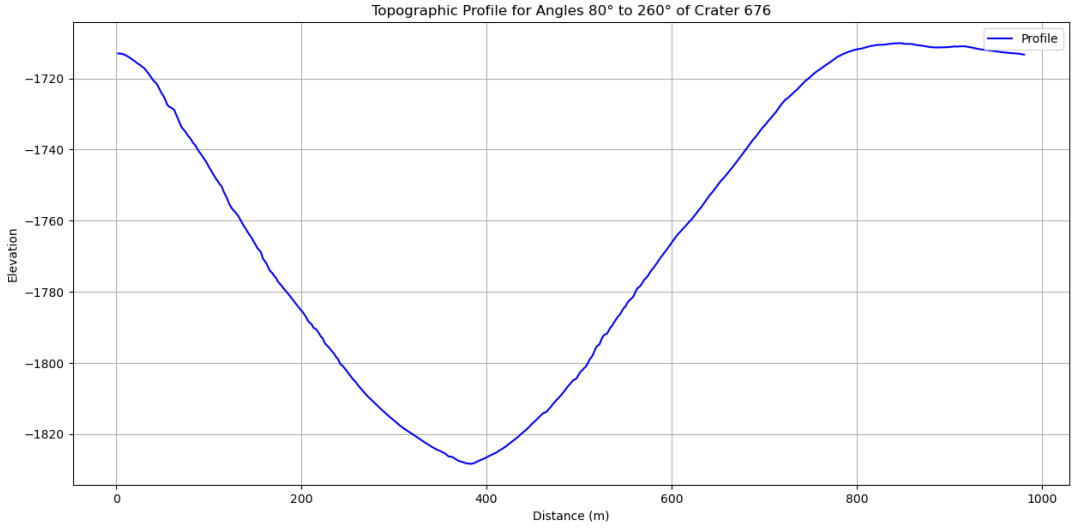
−1720
−1740
−1760
−1780
−1800
−1820
200
400
600
800
1000
Distance (m)


Topographic Profile for Angles 60° to 240° of Crater 676
Profile
Elevation
−1700
−1720
−1740
−1760
−1780
−1800
−1820
0
200
400
600
800
1000
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 676
Profile
Elevation
−1720
−1740
−1760
−1780
−1800
−1820
0
200
400
600
800
1000
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 676
Profile
Elevation
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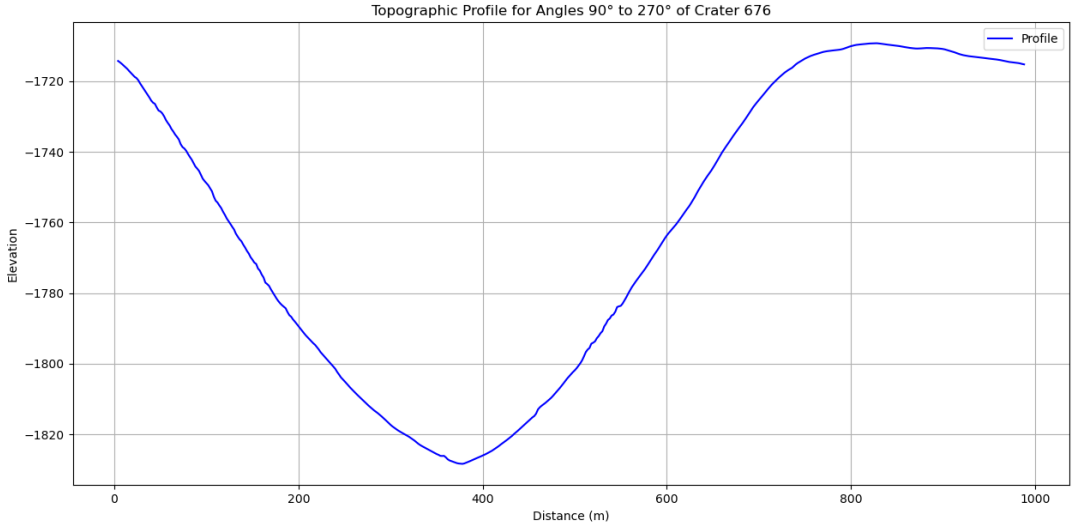
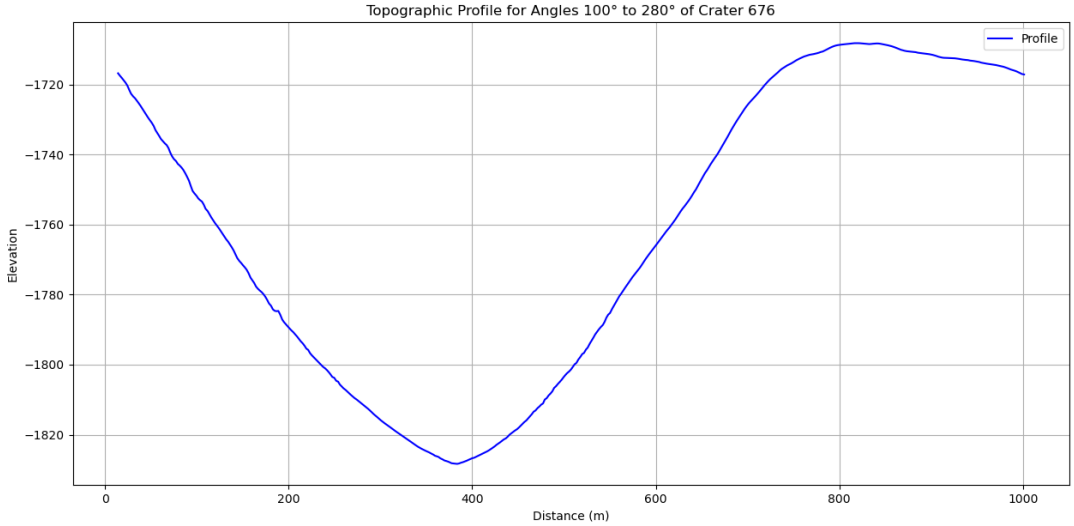
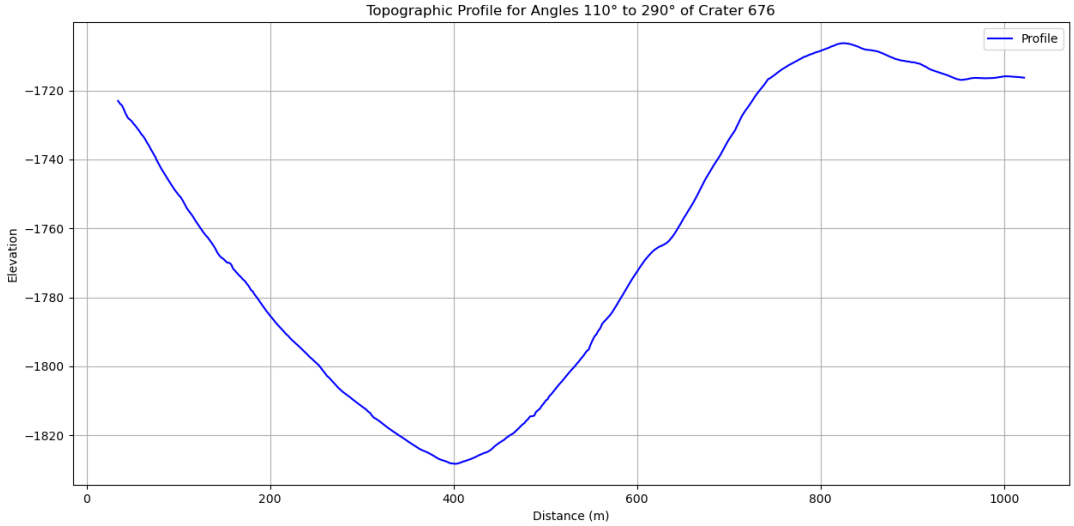
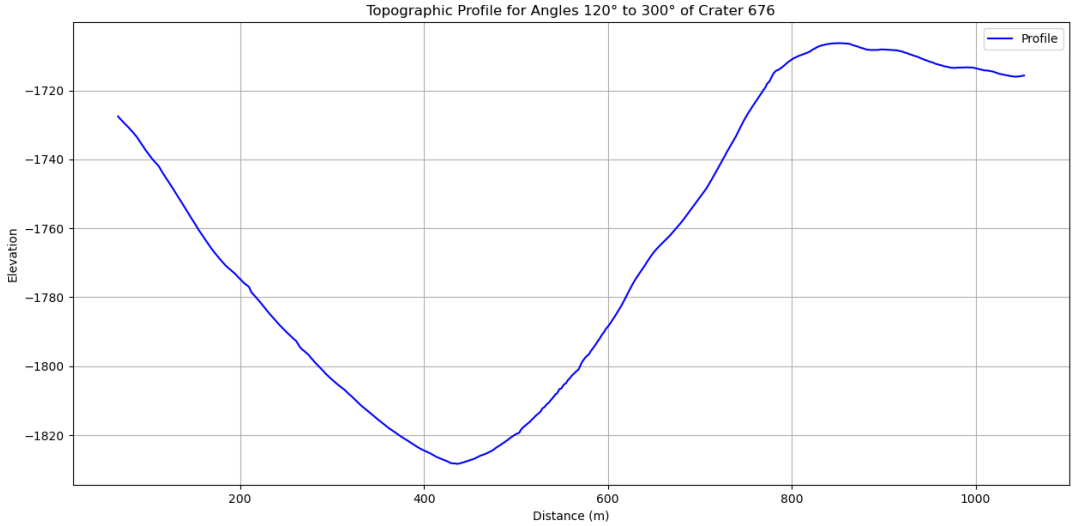
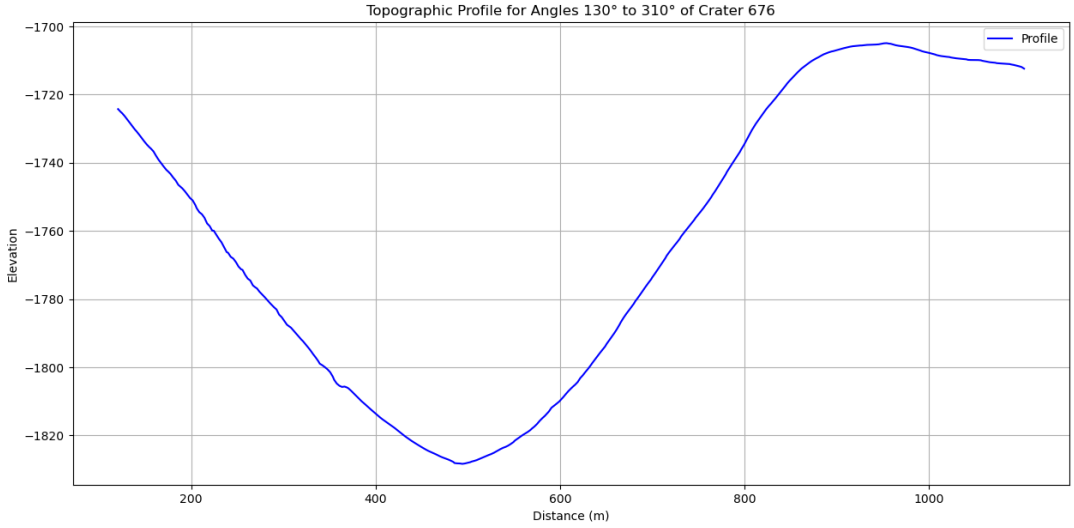
−1740
−1760
−1780
−1800
−1820
0
200
400
600
800
1000
Distance (m)

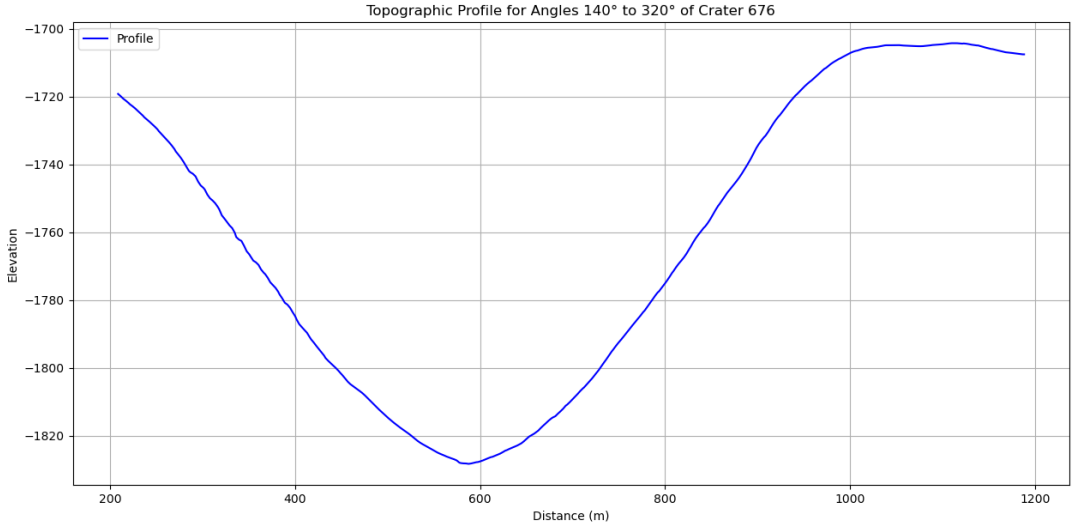

Topographic Profile for Angles 90° to 270° of Crater 676
Profile
Elevation
−1720
−1740
−1760
−1780
−1800
−1820
0
200
400
600
800
1000
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 676
Profile
Elevation
−1720
−1740
−1760
−1780
−1800
−1820
0
200
400
600
800
1000
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 676
Profile
Elevation
−1720
−1740
−1760
−1780
−1800
−1820
0
200
400
600
800
1000
Distance (m)


Topographic Profile for Angles 120° to 300° of Crater 676
Profile
Elevation
−1720
−1740
−1760
−1780
−1800
−1820
200
400
600
800
1000
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 676
Profile
Elevation
Distance (m)
−1700
−1720
−1740
−1760
−1780
−1800
−1820
200
400
600
800
1000


Topographic Profile for Angles 140° to 320° of Crater 676
Profile
Elevation
Distance (m)
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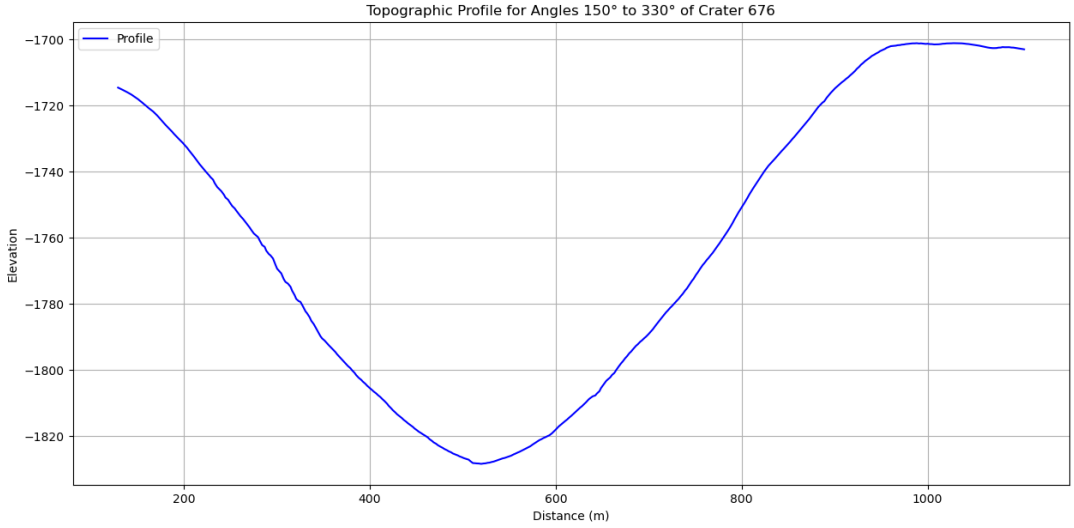
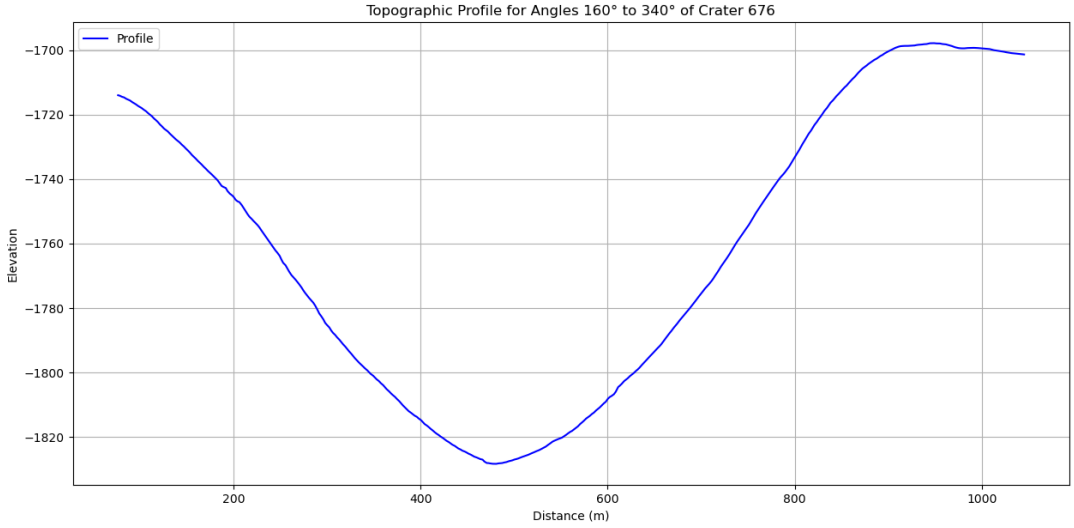
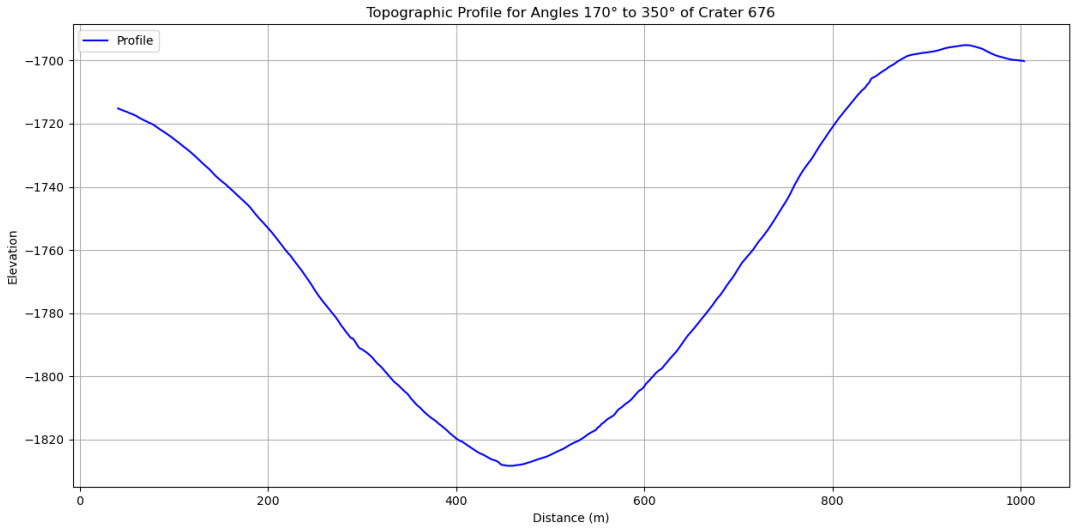
−1720
−1740
−1760
−1780
−1800
−1820
200
400
600
800
1000
1200


Topographic Profile for Angles 150° to 330° of Crater 676
Profile
Elevation
Distance (m)
−1700
−1720
−1740
−1760
−1780
−1800
−1820
200
400
600
800
1000


Topographic Profile for Angles 160° to 340° of Crater 676
Profile
Elevation
Distance (m)
−1700
−1720
−1740
−1760
−1780
−1800
−1820
200
400
600
800
1000


Topographic Profile for Angles 170° to 350° of Crater 676
Profile
Elevation
−1700
−1720
−1740
−1760
−1780
−1800
−1820
0
200
400
600
800
1000
Distance (m)