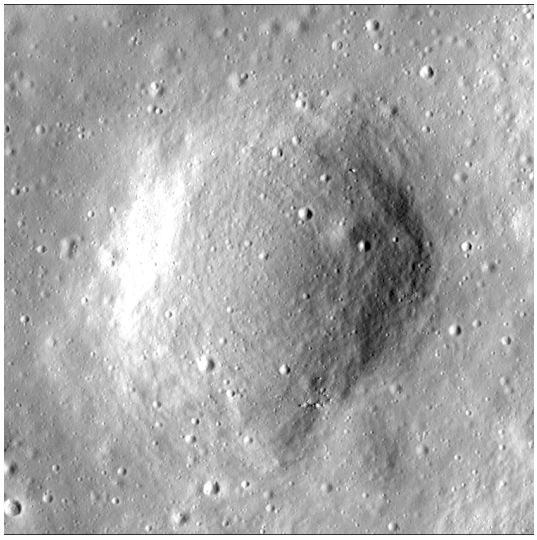
Crater report 997 of RG2

General information



ID : 997

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 400m ± 19.0m

Mean depht : 27.7m ± 0.4m

d/D ratio : 0.069 ± 0.003

Circularity index : 0.93

Mean slope : 9.0°

Mean value of TRI on the rim crest : 0.41

Geometric center coordinates : (3657764.424377249, 228247.76124606008)

Coordinates of the crater's lowest point : (3657775.000001101, 228247.00000006738)

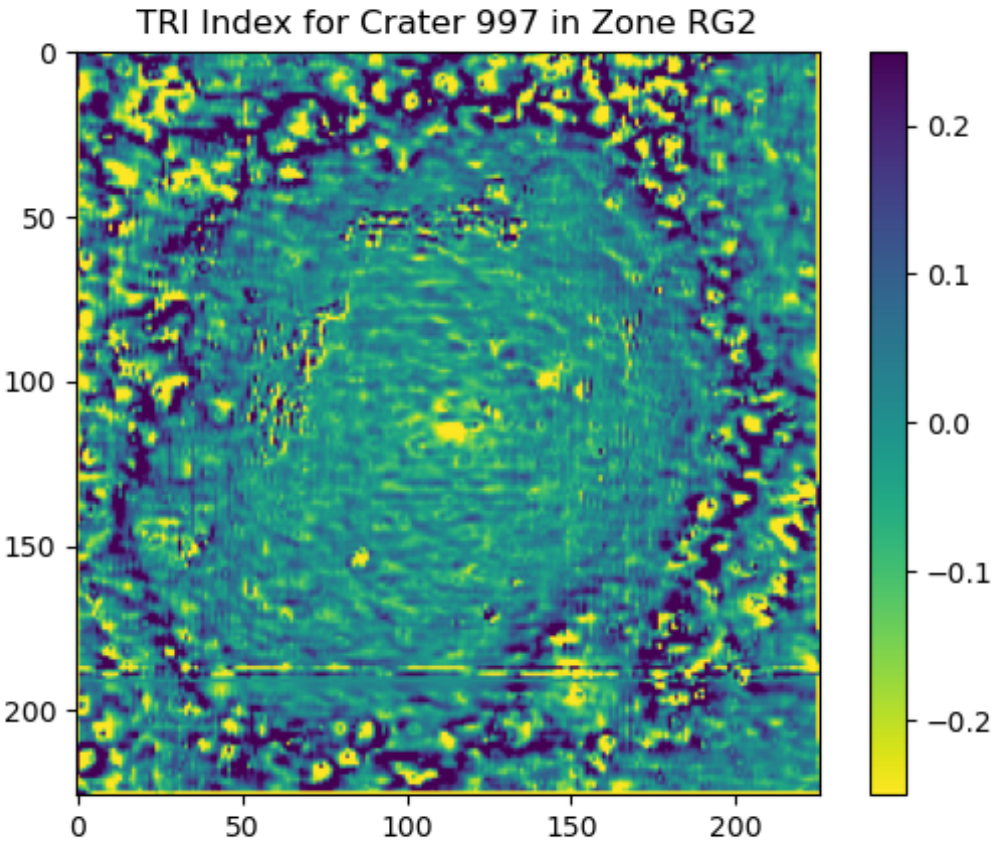
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	9.91	0.57
10°	9.49	0.54
20°	8.88	0.51
30°	8.62	0.48
40°	9.38	0.43
50°	9.43	0.43
60°	8.94	0.48
70°	9.04	0.51
80°	9.28	0.54
90°	9.67	0.57
100°	9.32	0.54
110°	9.36	0.51

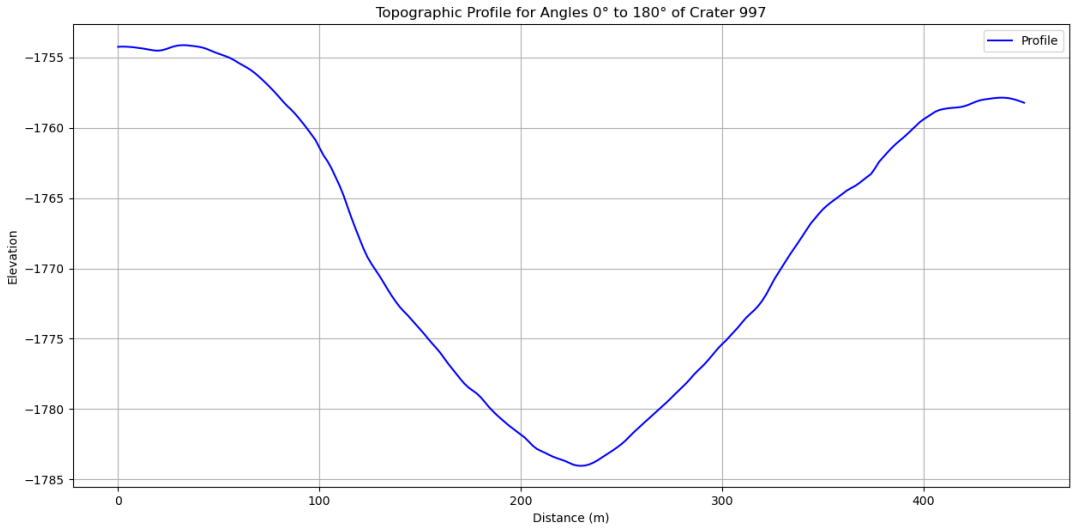
120°	9.41	0.48
130°	9.91	0.43
140°	10.03	0.43
150°	9.36	0.48
160°	9.1	0.51
170°	8.68	0.54
180°	8.18	0.57
190°	8.06	0.54
200°	7.7	0.51
210°	7.57	0.48
220°	7.45	0.43
230°	7.39	0.43
240°	7.56	0.48
250°	8.13	0.51
260°	8.94	0.54
270°	9.81	0.57
280°	9.64	0.54
290°	9.49	0.51
300°	9.48	0.48
310°	9.47	0.43
320°	9.07	0.43
330°	9.14	0.48
340°	9.31	0.51
350°	9.73	0.54

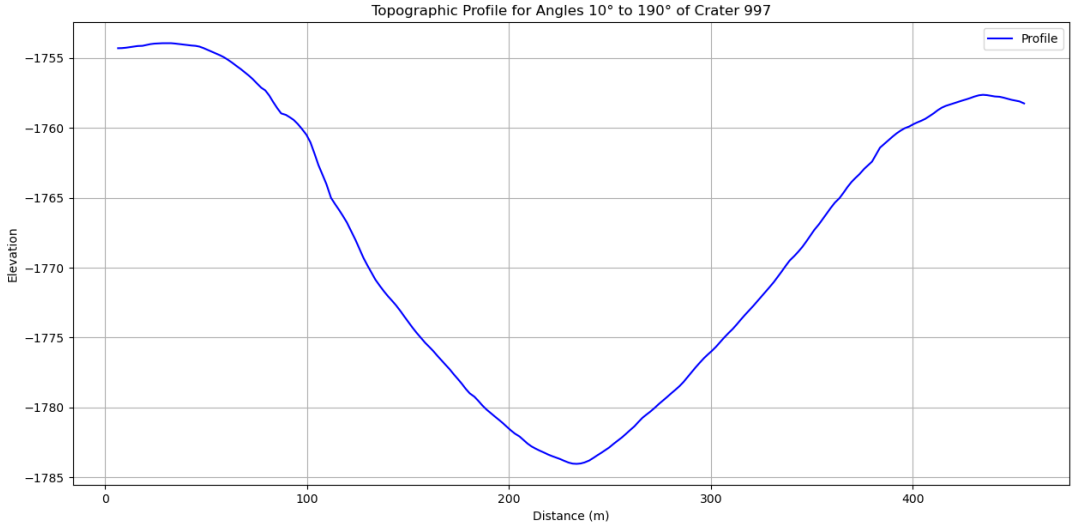
Topographic roughness index (TRI)

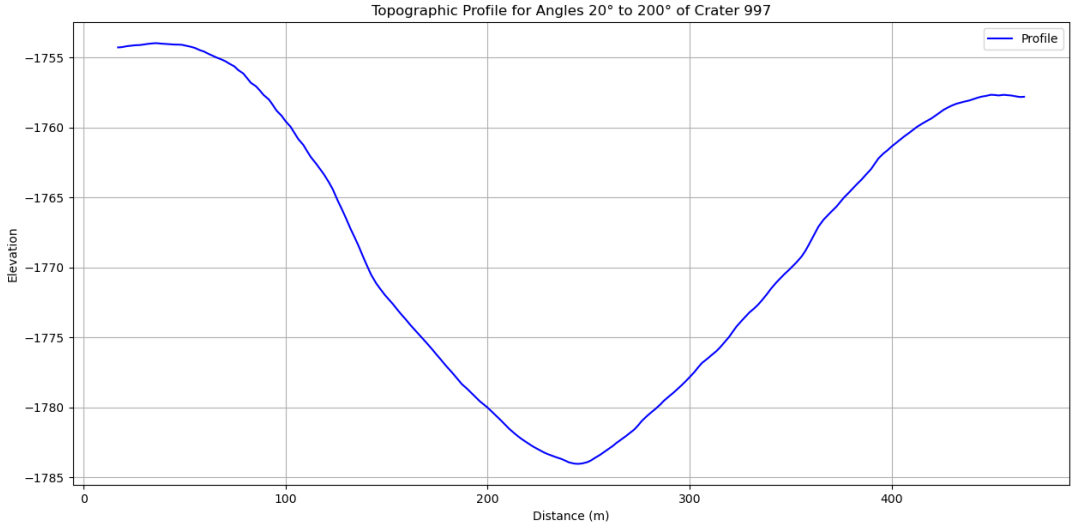
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

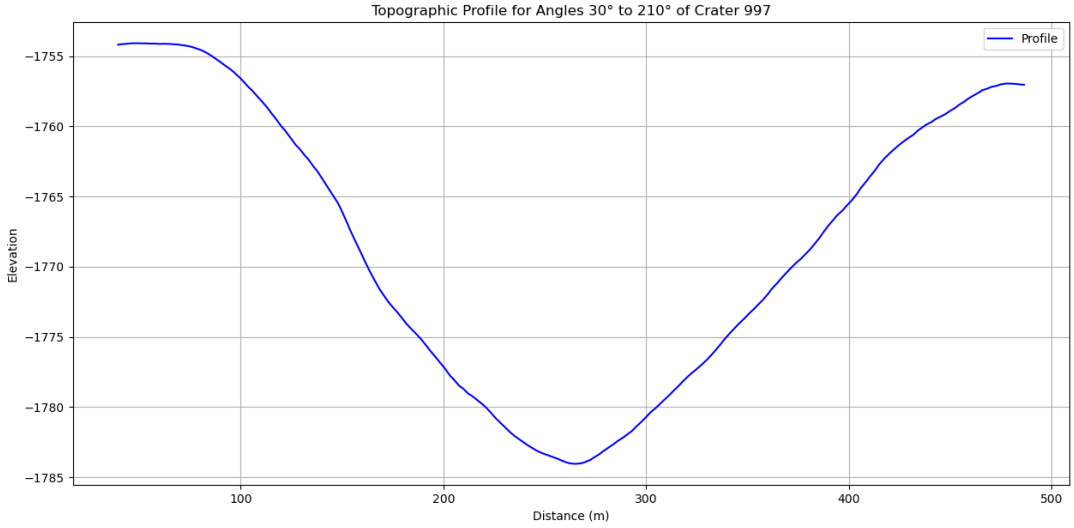


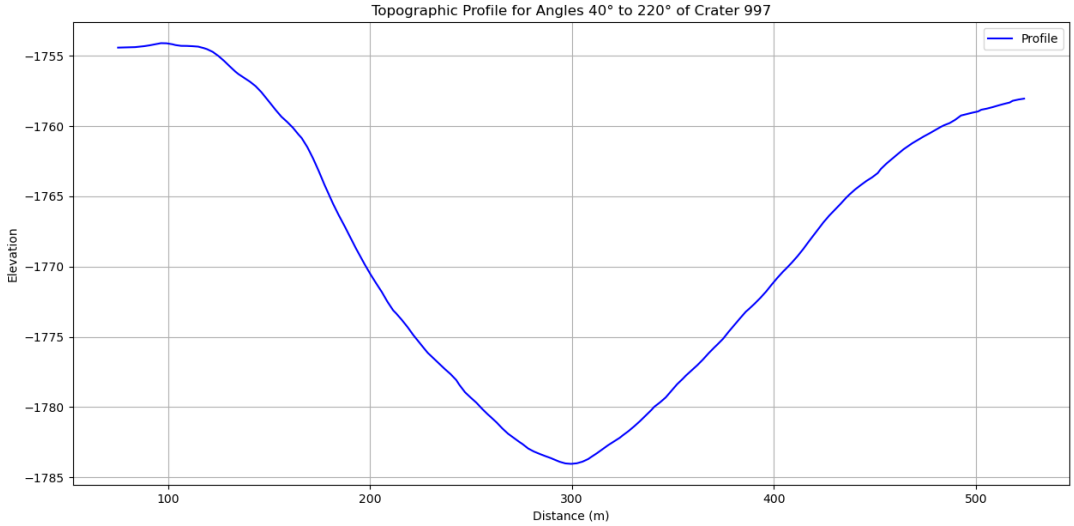
Topographic profiles

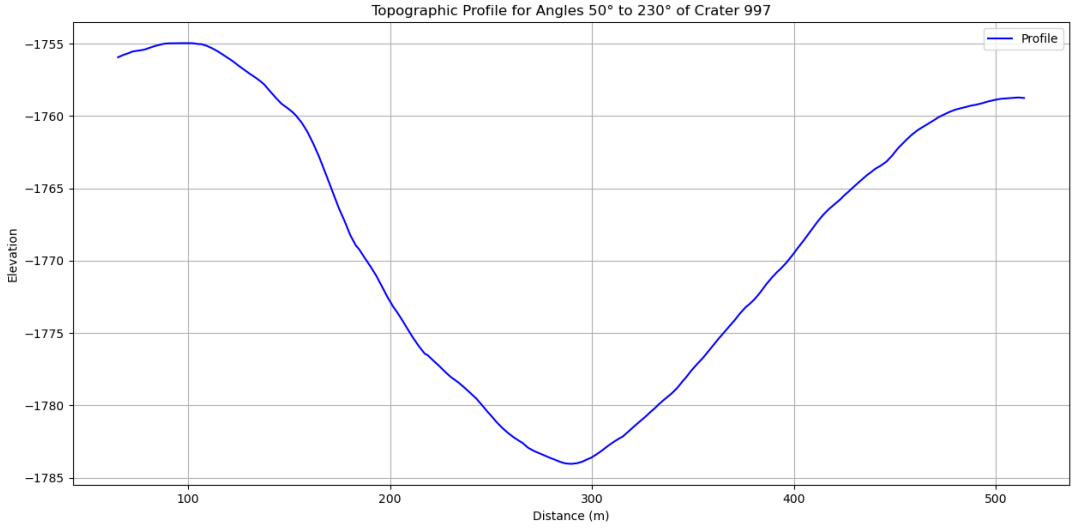


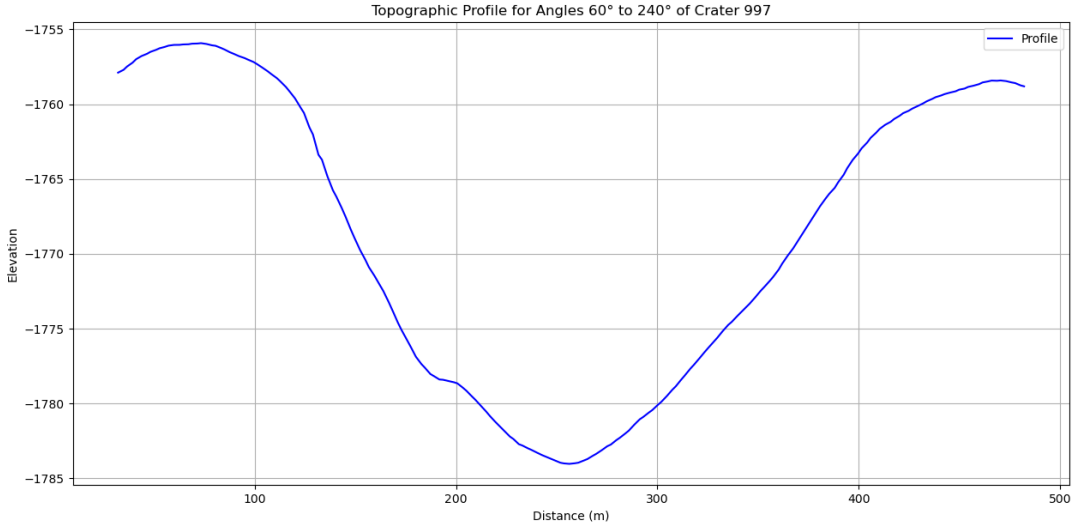

Topographic Profile for Angles 10° to 190° of Crater 997
Profile
Elevation
−1755
−1760
−1765
−1770
−1775
−1780
−1785
0
100
200
300
400
Distance (m)

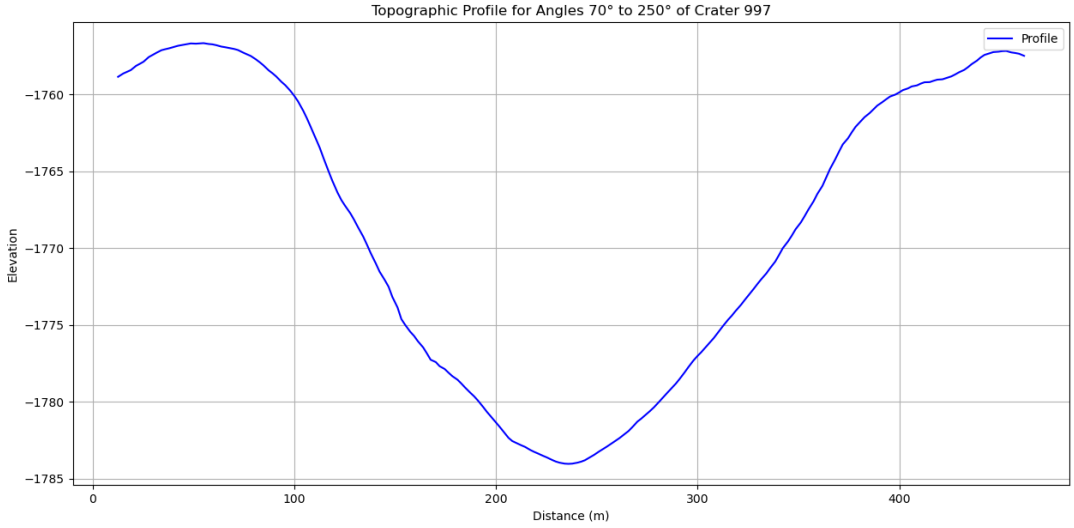

Topographic Profile for Angles 20° to 200° of Crater 997
Profile
Elevation
−1755
−1760
−1765
−1770
−1775
−1780
−1785
0
100
200
300
400
Distance (m)

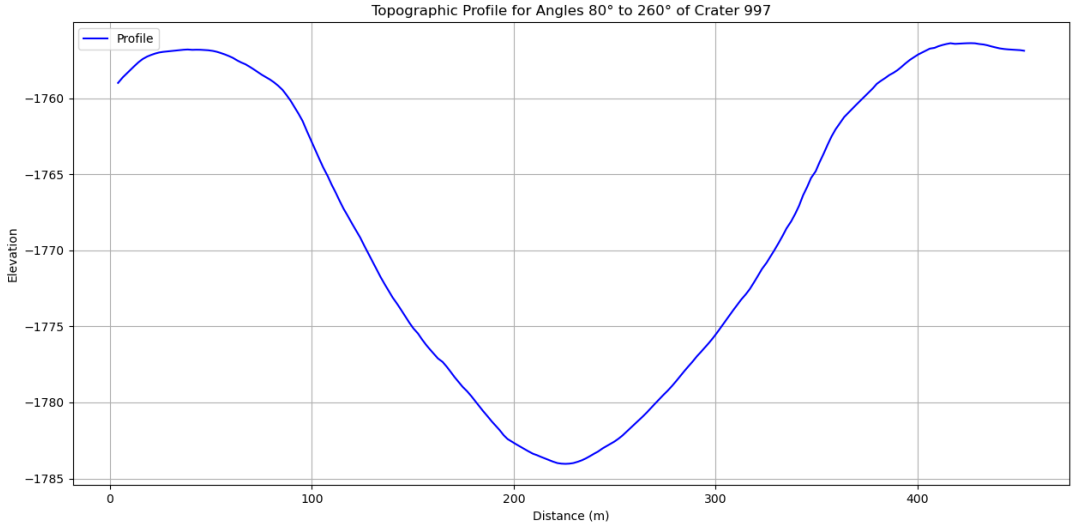

Topographic Profile for Angles 30° to 210° of Crater 997
Profile
Elevation
Distance (m)
−1755
−1760
−1765
−1770
−1775
−1780
−1785
100
200
300
400
500

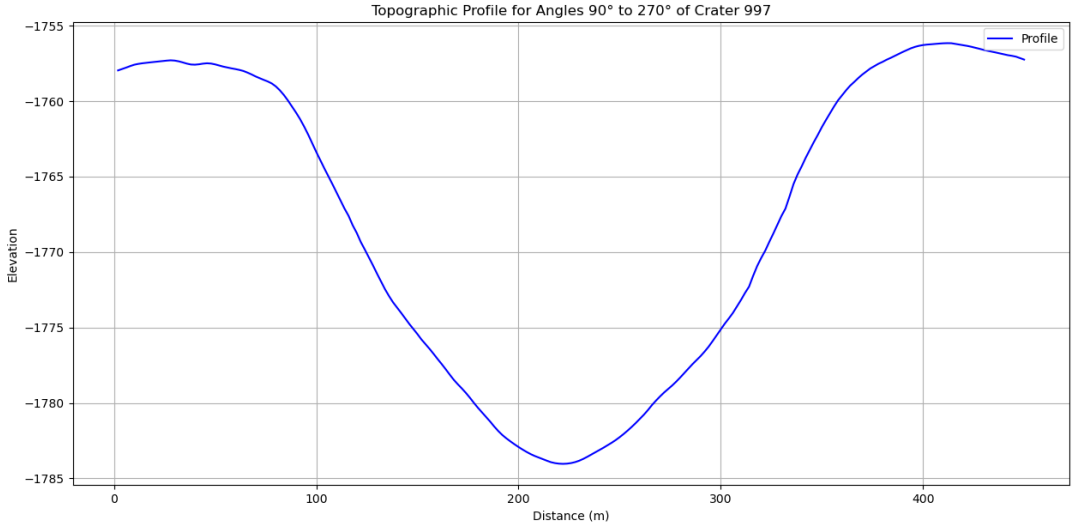

Topographic Profile for Angles 40° to 220° of Crater 997
Profile
Elevation
Distance (m)
−1755
−1760
−1765
−1770
−1775
−1780
−1785
100
200
300
400
500

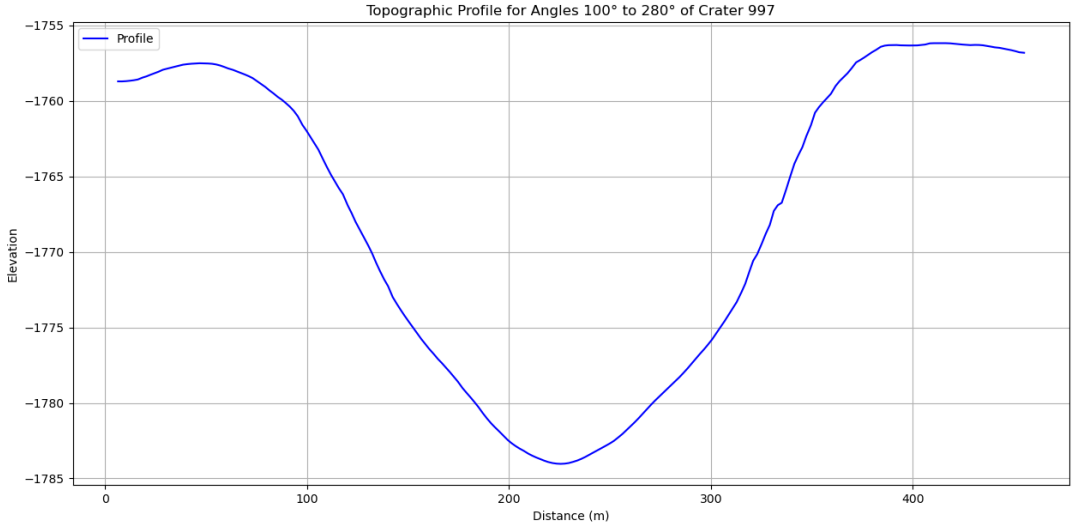

Topographic Profile for Angles 50° to 230° of Crater 997
Profile
Elevation
Distance (m)
−1755
−1760
−1765
−1770
−1775
−1780
−1785
100
200
300
400
500

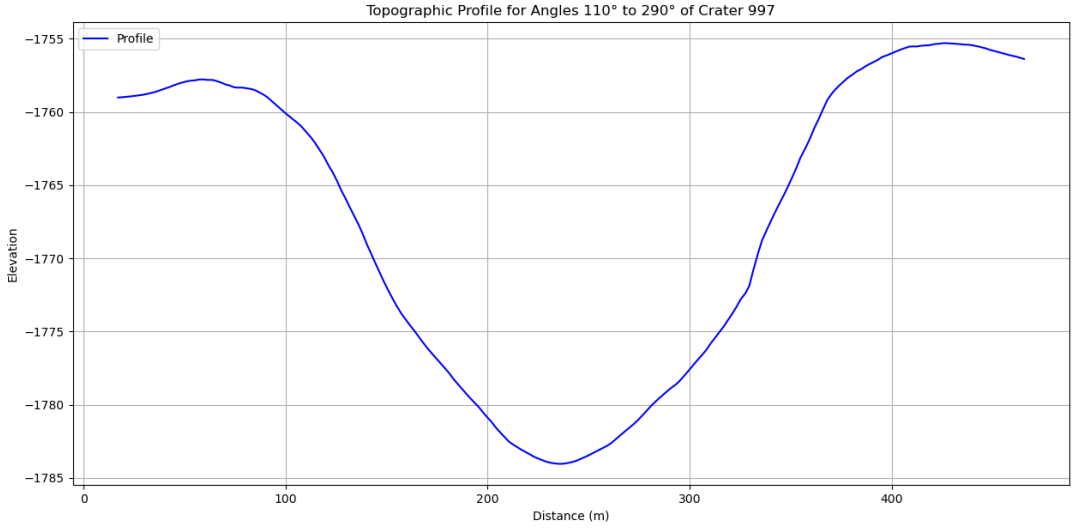

Topographic Profile for Angles 60° to 240° of Crater 997
Profile
Elevation
Distance (m)
−1755
−1760
−1765
−1770
−1775
−1780
−1785
100
200
300
400
500

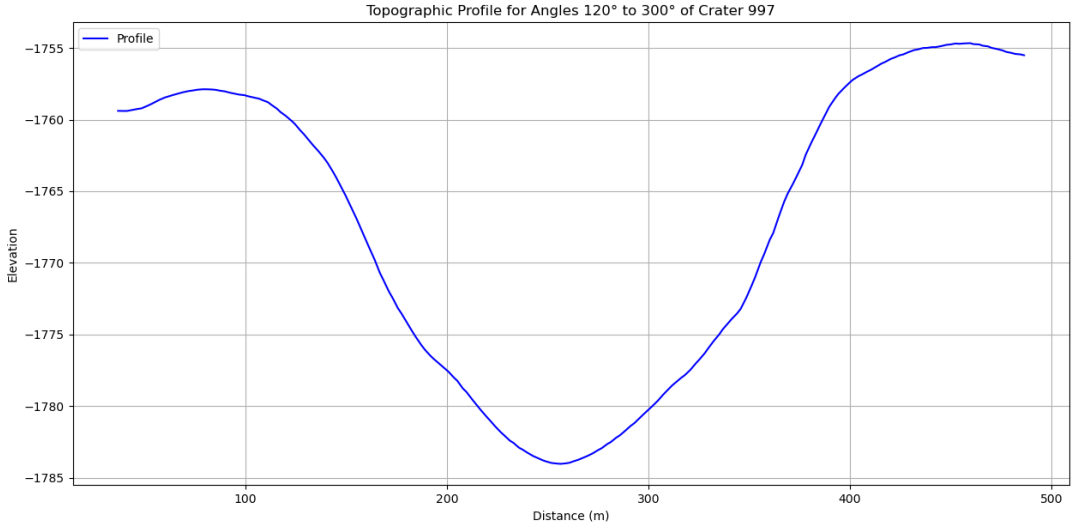

Topographic Profile for Angles 70° to 250° of Crater 997
Profile
Elevation
−1760
−1765
−1770
−1775
−1780
−1785
0
100
200
300
400
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 997
Profile
Elevation
−1760
−1765
−1770
−1775
−1780
−1785
0
100
200
300
400
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 997
Profile
Elevation
Distance (m)
−1755
−1760
−1765
−1770
−1775
−1780
−1785
0
100
200
300
400


Topographic Profile for Angles 100° to 280° of Crater 997
Profile
Elevation
Distance (m)
−1755
−1760
−1765
−1770
−1775
−1780
−1785
0
100
200
300
400


Topographic Profile for Angles 110° to 290° of Crater 997
Profile
Elevation
Distance (m)
−1755
−1760
−1765
−1770
−1775
−1780
−1785
0
100
200
300
400


Topographic Profile for Angles 120° to 300° of Crater 997
Profile
Elevation
Distance (m)
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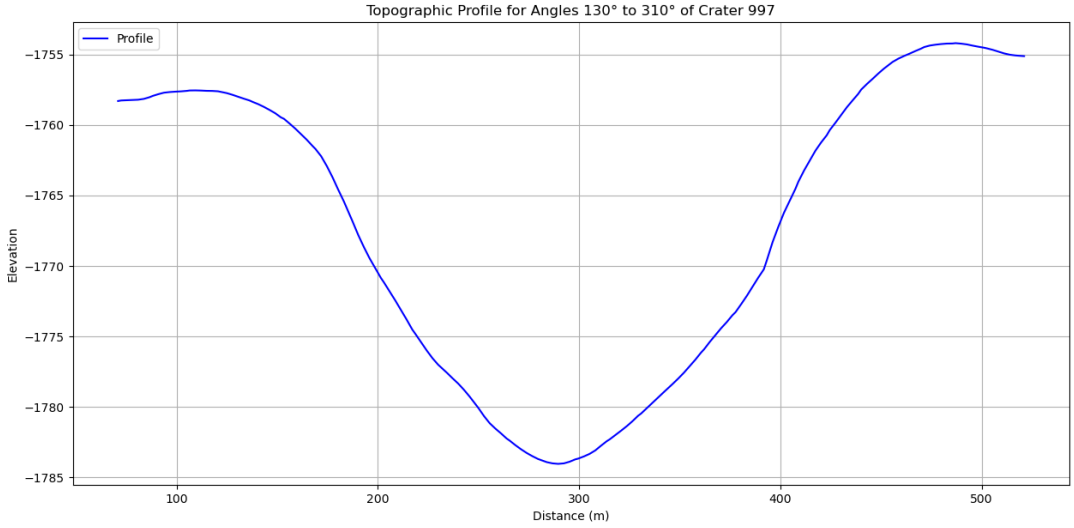
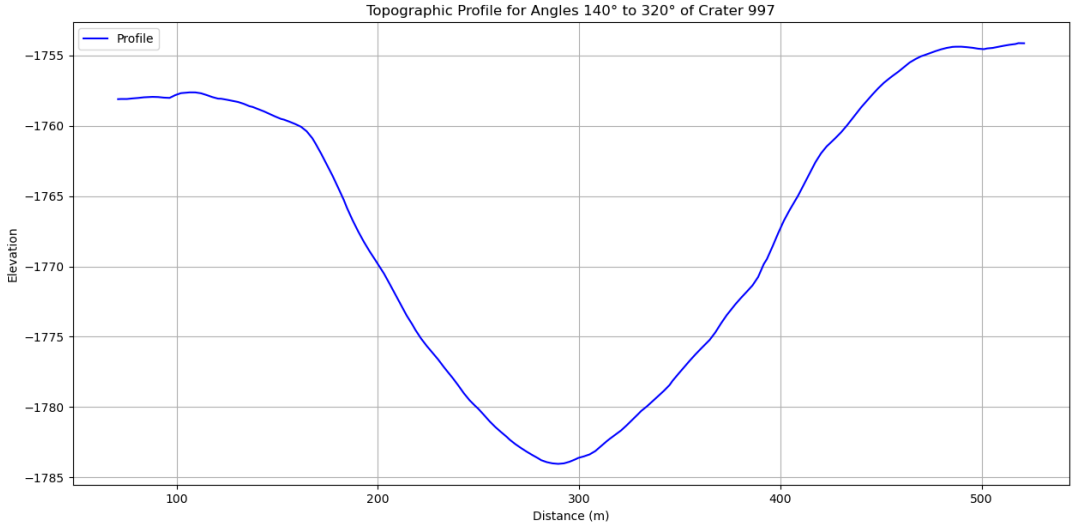
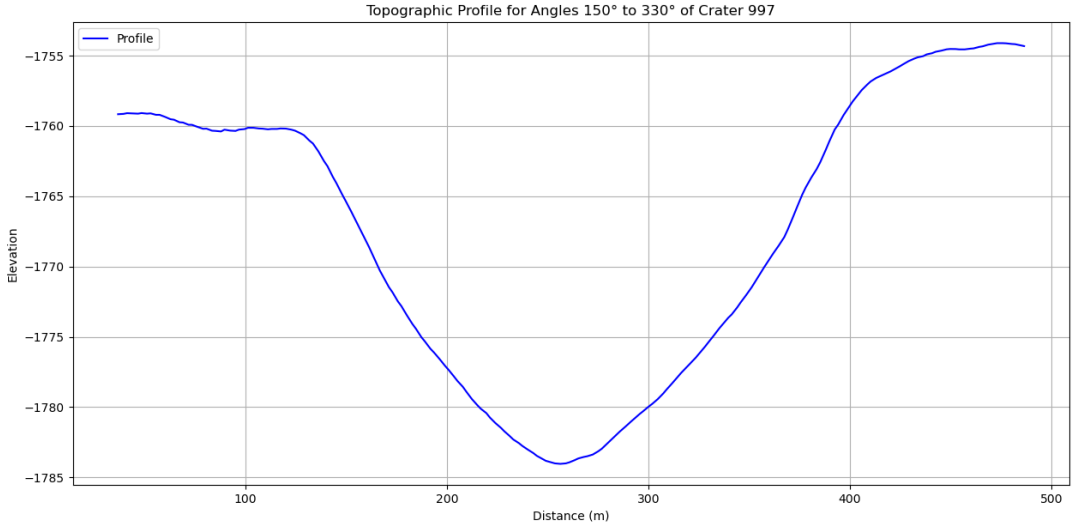
−1760
−1765
−1770
−1775
−1780
−1785
100
200
300
400
500


Topographic Profile for Angles 130° to 310° of Crater 997
Profile
Elevation
Distance (m)
−1755
−1760
−1765
−1770
−1775
−1780
−1785
100
200
300
400
500


Topographic Profile for Angles 140° to 320° of Crater 997
Profile
Elevation
Distance (m)
−1755
−1760
−1765
−1770
−1775
−1780
−1785
100
200
300
400
500


Topographic Profile for Angles 150° to 330° of Crater 997
Profile
Elevation
Distance (m)
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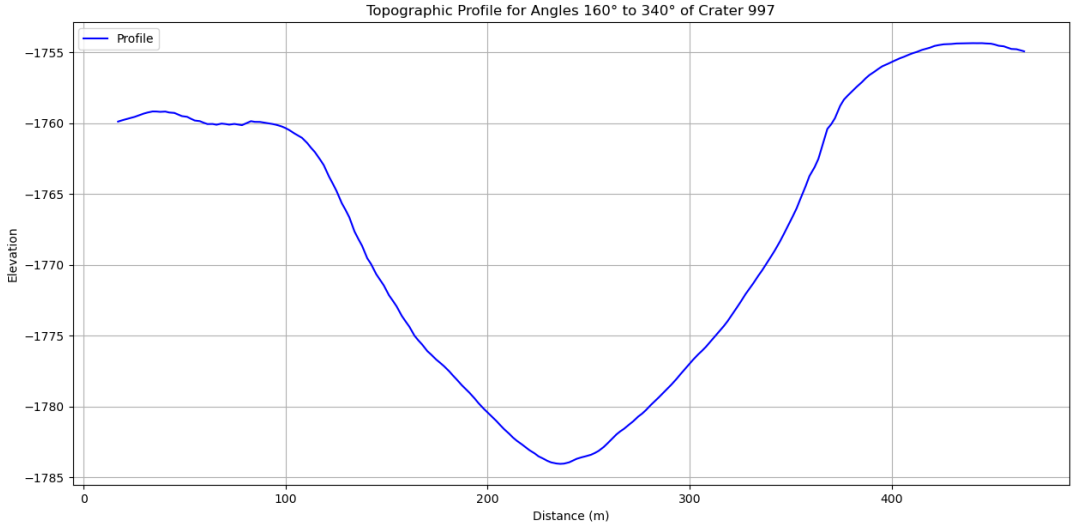
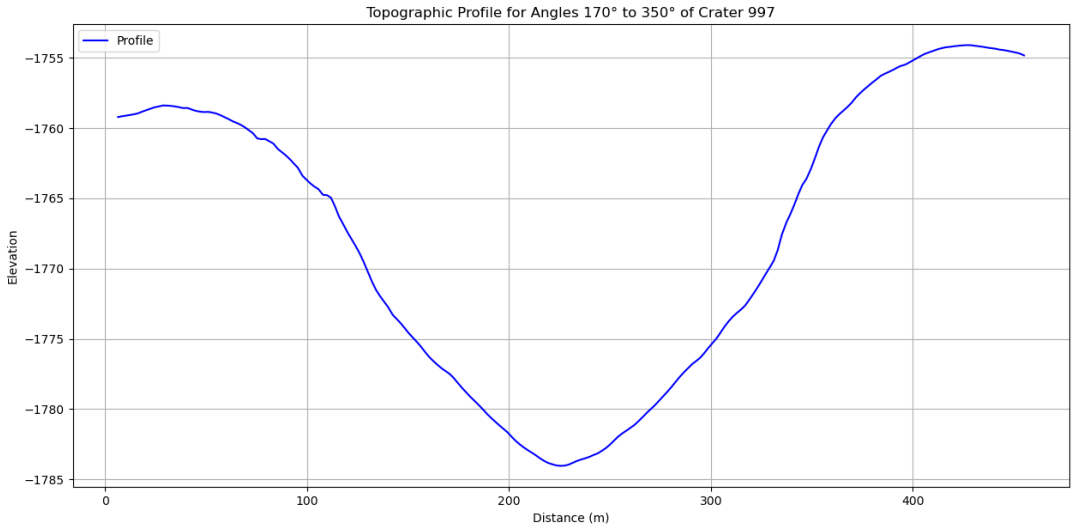
−1760
−1765
−1770
−1775
−1780
−1785
100
200
300
400
500


Topographic Profile for Angles 160° to 340° of Crater 997
Profile
Elevation
Distance (m)
−1755
−1760
−1765
−1770
−1775
−1780
−1785
0
100
200
300
400


Topographic Profile for Angles 170° to 350° of Crater 997
Profile
Elevation
−1755
−1760
−1765
−1770
−1775
−1780
−1785
0
100
200
300
400
Distance (m)