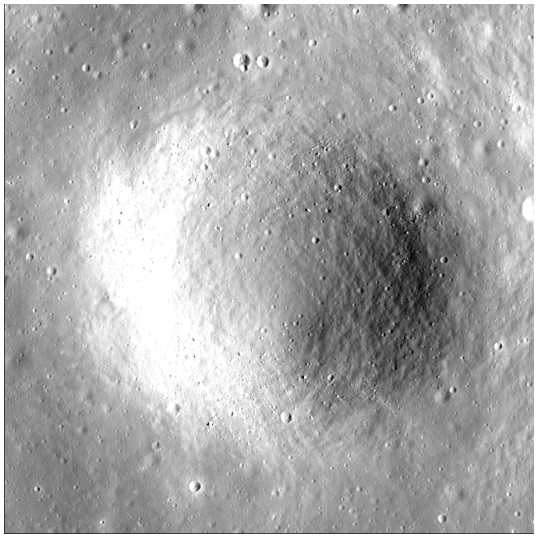
Crater report 992 of RG2

General information



ID : 992

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : B - BC

Mean Diameter : 494m ± 21.0m

Mean depht : 45.3m ± 1.2m

d/D ratio : 0.092 ± 0.005

Circularity index : 0.91

Slope : Between 11.26° et 18.29°

Mean value of TRI on the rim crest : 0.27

Geometric center coordinates : (3658012.712793323, 227527.59015110627)

Coordinates of the crater's lowest point : (3658019.000001101, 227487.00000006714)

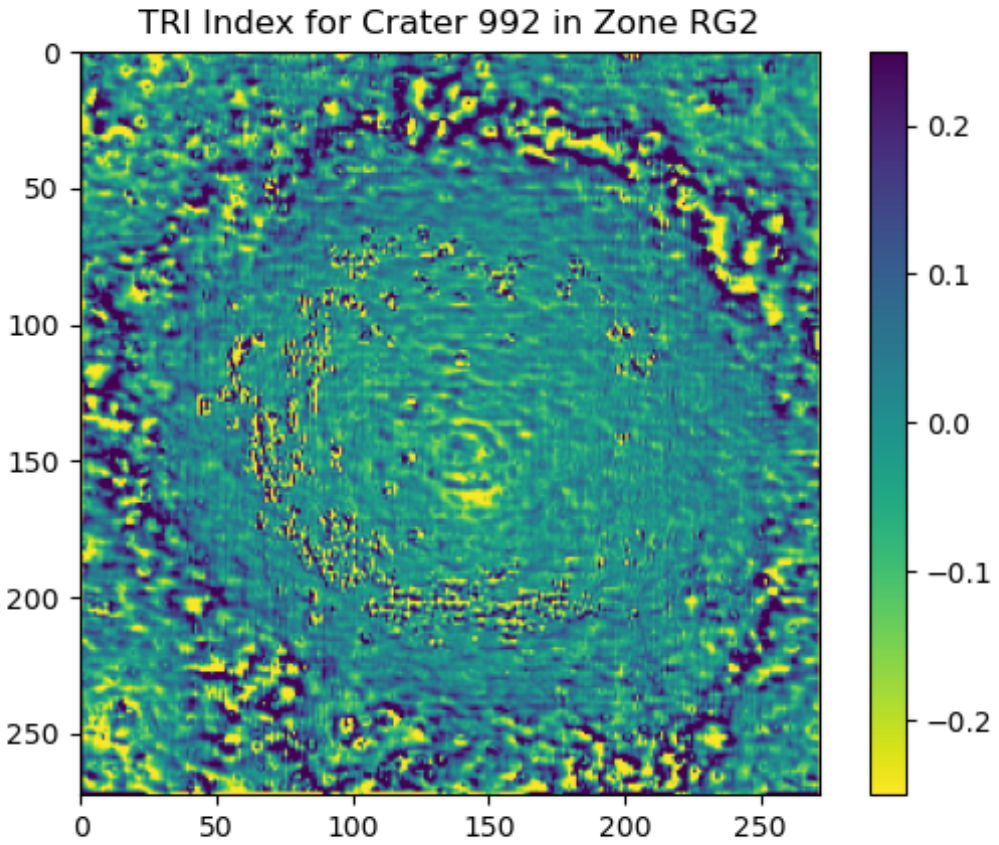
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	17.06	0.56
10°	16.0	0.53
20°	15.78	0.51
30°	15.74	0.47
40°	16.65	0.43
50°	16.23	0.43
60°	15.34	0.47
70°	14.59	0.51
80°	13.85	0.54
90°	13.08	0.56
100°	11.61	0.54
110°	11.26	0.51

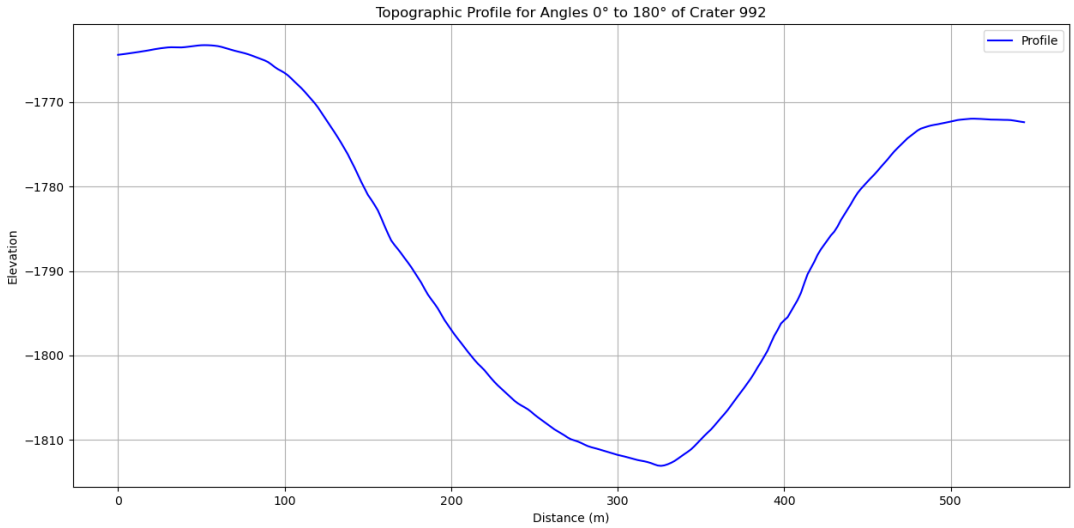
120°	11.42	0.48
130°	12.86	0.43
140°	13.65	0.43
150°	14.24	0.48
160°	15.44	0.51
170°	16.98	0.54
180°	18.29	0.56
190°	17.77	0.53
200°	17.61	0.5
210°	17.38	0.47
220°	17.74	0.43
230°	17.64	0.43
240°	15.93	0.47
250°	16.09	0.51
260°	16.16	0.54
270°	16.59	0.56
280°	15.85	0.53
290°	14.3	0.51
300°	13.87	0.47
310°	14.09	0.43
320°	14.75	0.43
330°	14.57	0.47
340°	15.45	0.51
350°	16.37	0.53

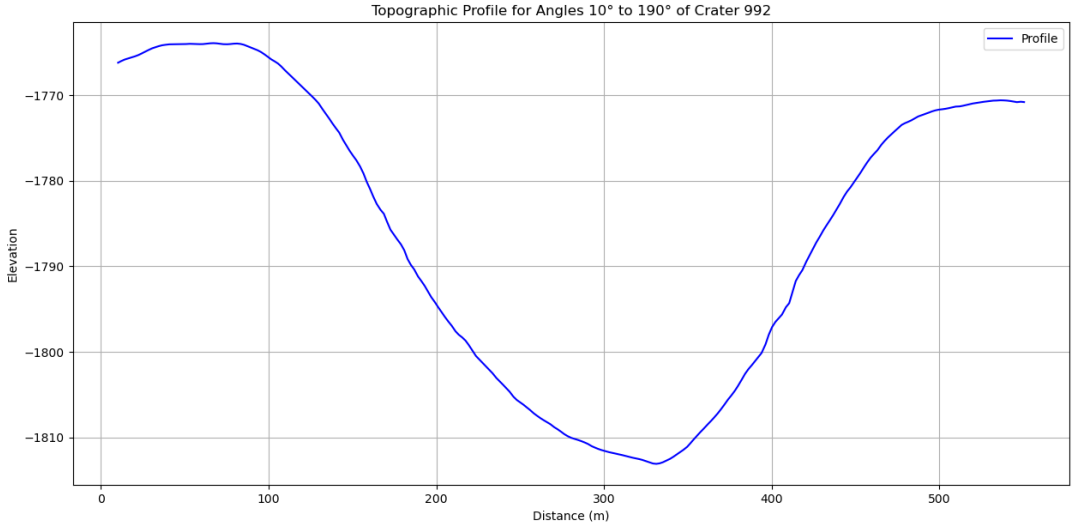
Topographic roughness index (TRI)

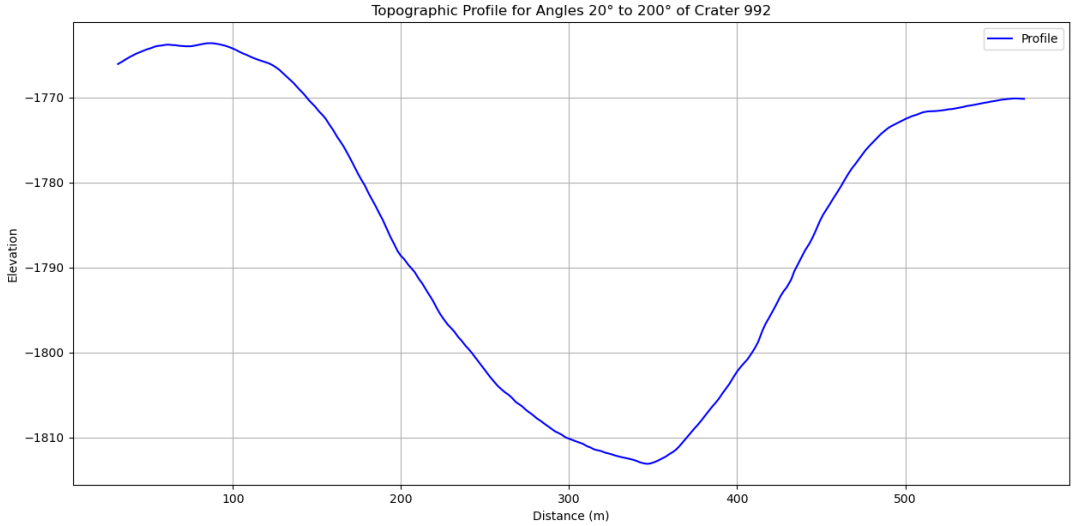
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

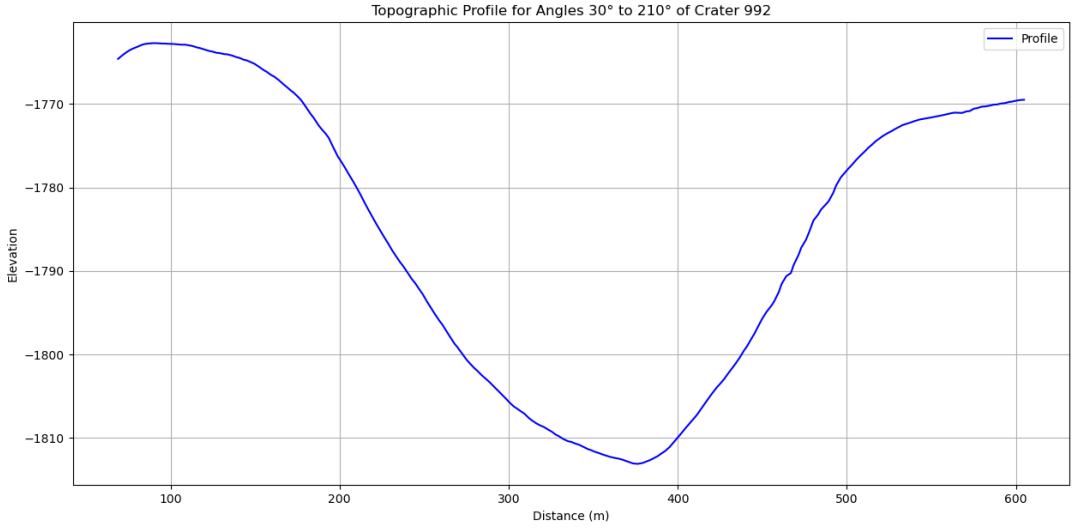


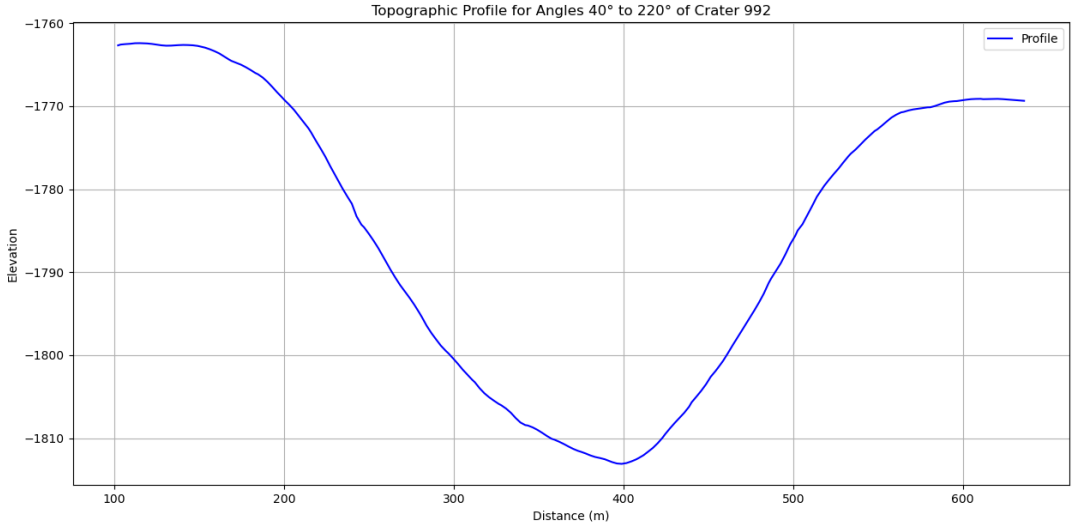
Topographic profiles

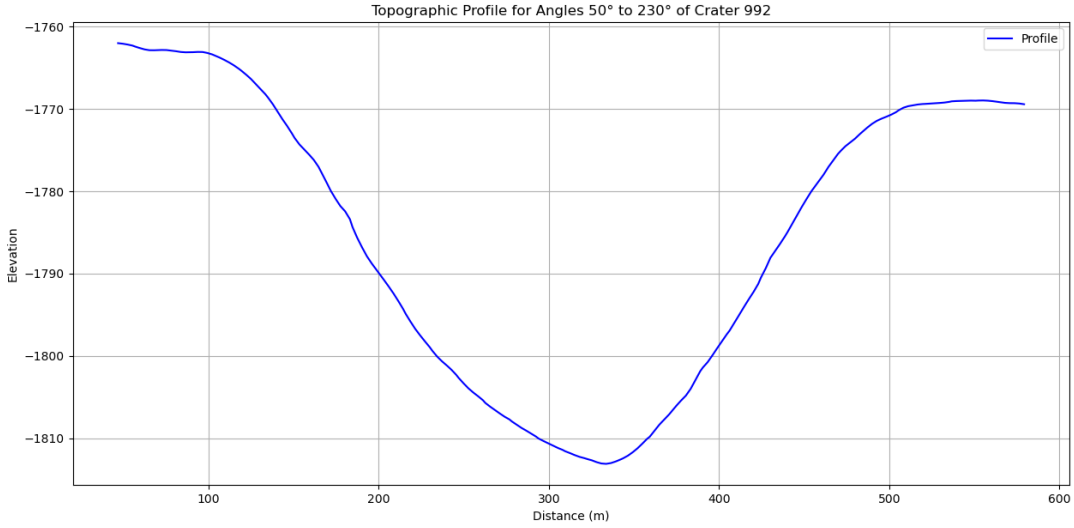


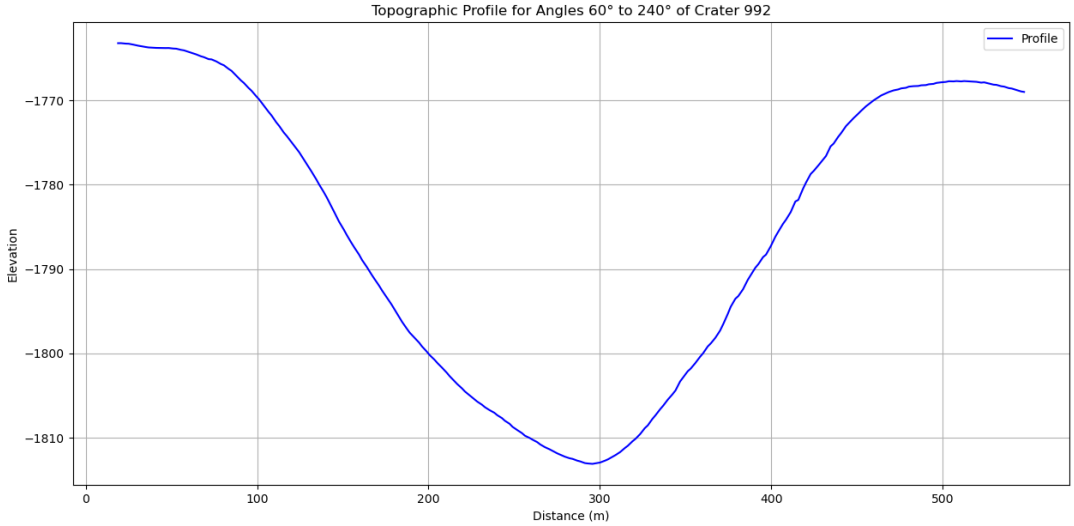

Topographic Profile for Angles 10° to 190° of Crater 992
Profile
Elevation
−1770
−1780
−1790
−1800
−1810
0
100
200
300
400
500
Distance (m)

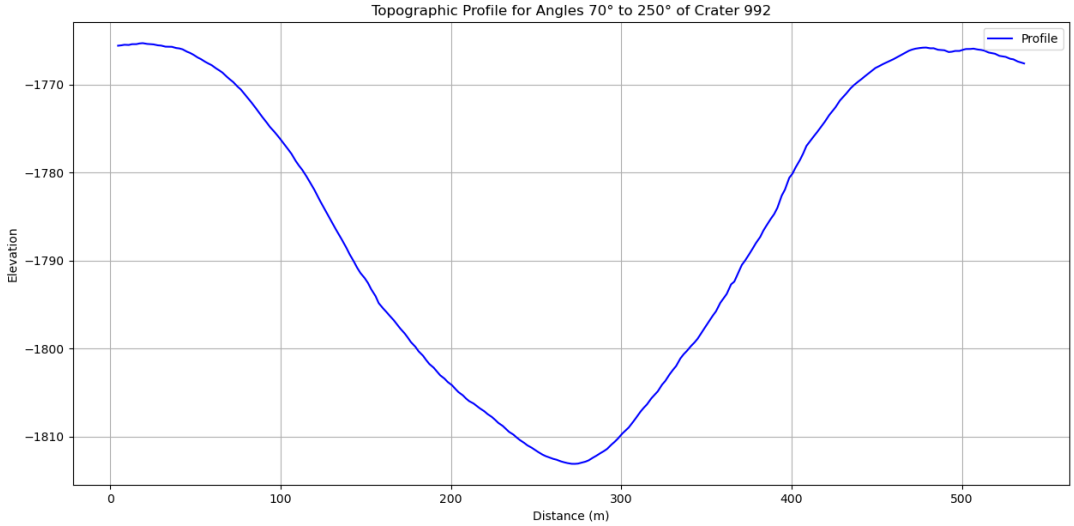

Topographic Profile for Angles 20° to 200° of Crater 992
Profile
Elevation
−1770
−1780
−1790
−1800
−1810
100
200
300
400
500
Distance (m)

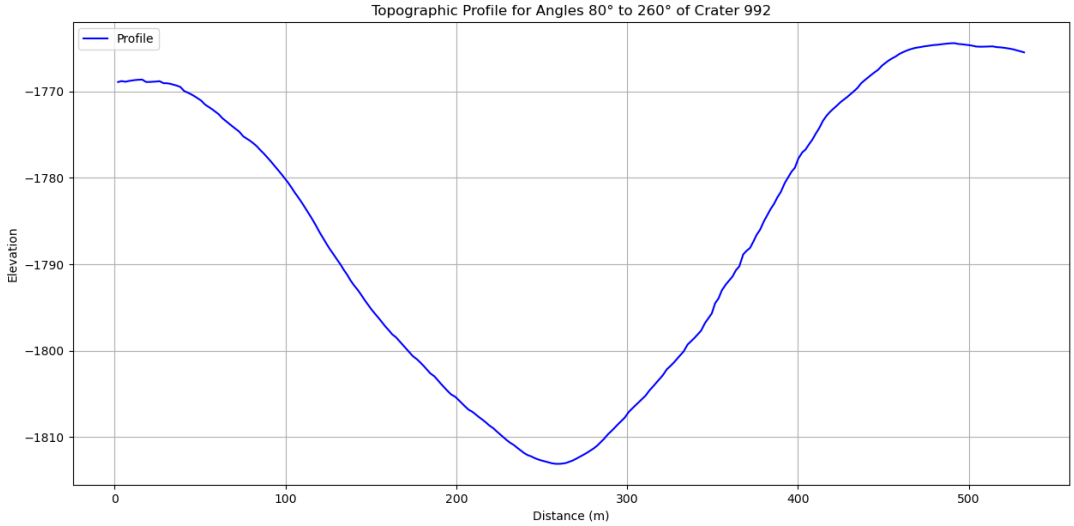

Topographic Profile for Angles 30° to 210° of Crater 992
Profile
Elevation
−1770
−1780
−1790
−1800
−1810
100
200
300
400
500
600
Distance (m)

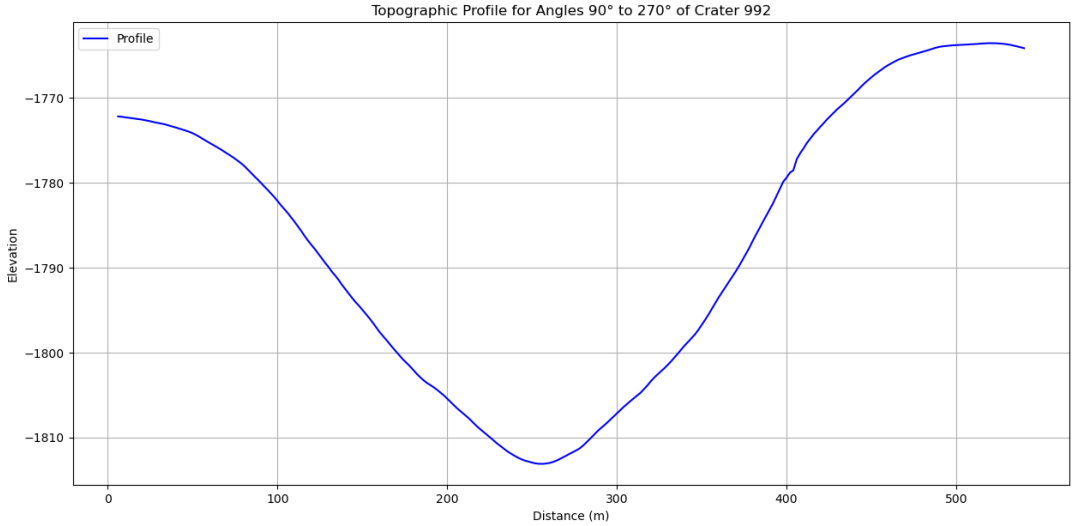

Topographic Profile for Angles 40° to 220° of Crater 992
Profile
Elevation
−1760
−1770
−1780
−1790
−1800
−1810
100
200
300
400
500
600
Distance (m)

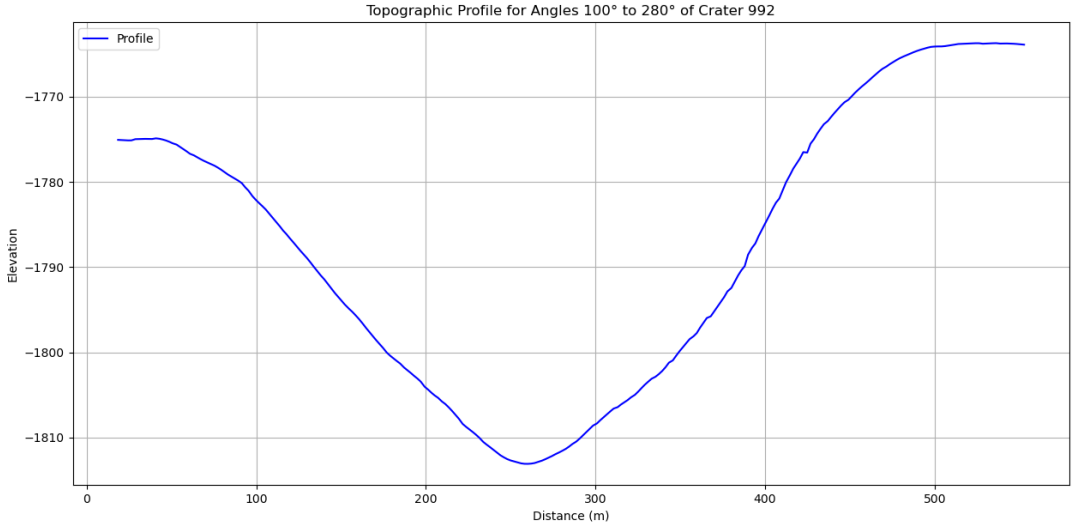

Topographic Profile for Angles 50° to 230° of Crater 992
Profile
Elevation
Distance (m)
−1760
−1770
−1780
−1790
−1800
−1810
100
200
300
400
500
600

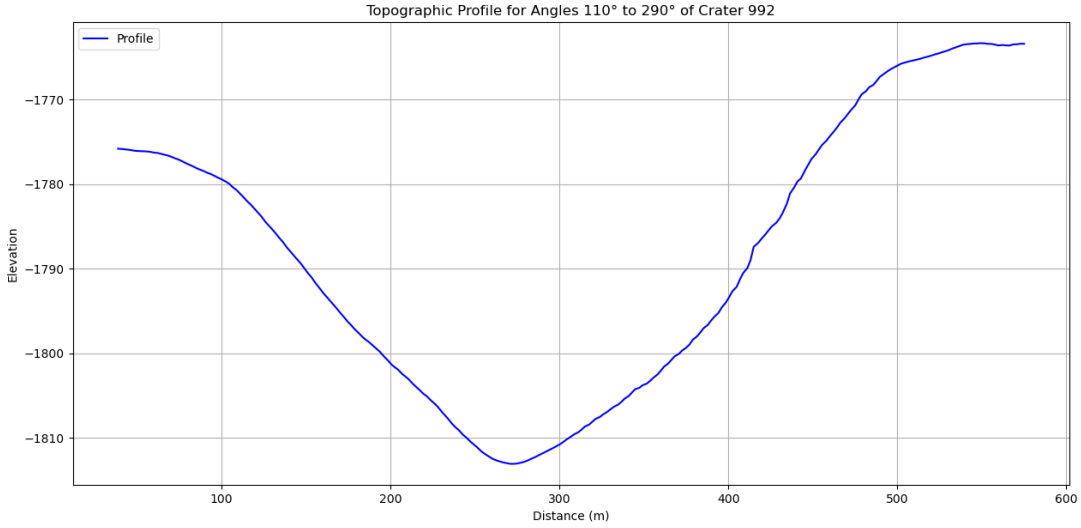

Topographic Profile for Angles 60° to 240° of Crater 992
Profile
Elevation
Distance (m)
−1770
−1780
−1790
−1800
−1810
0
100
200
300
400
500

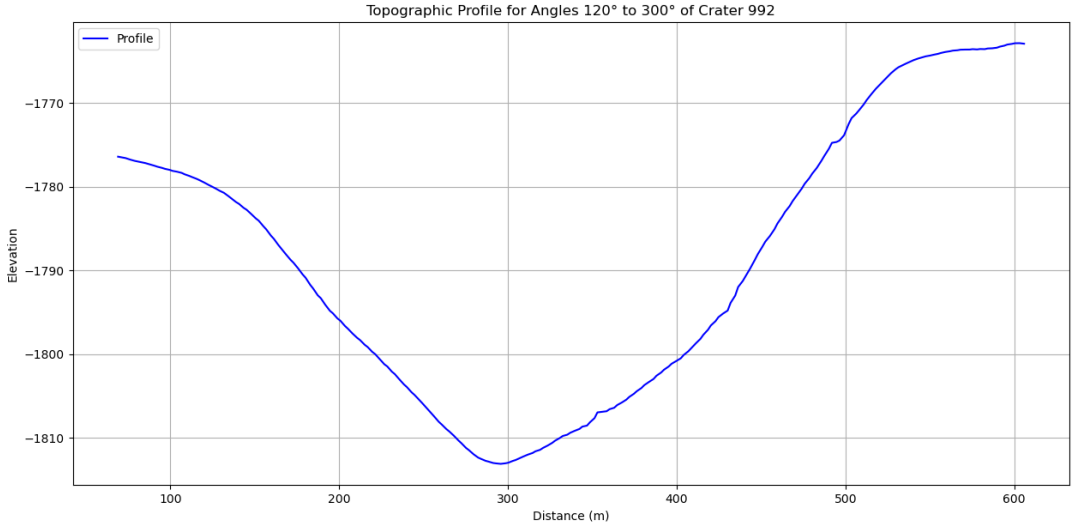

Topographic Profile for Angles 70° to 250° of Crater 992
Profile
Elevation
−1770
−1780
−1790
−1800
−1810
0
100
200
300
400
500
Distance (m)

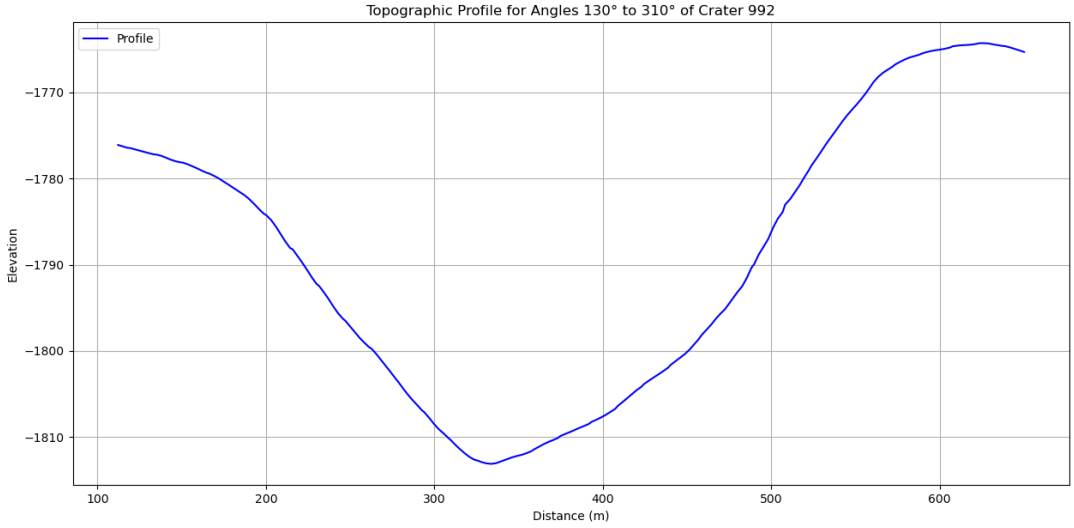

Topographic Profile for Angles 80° to 260° of Crater 992
Profile
Elevation
−1770
−1780
−1790
−1800
−1810
0
100
200
300
400
500
Distance (m)

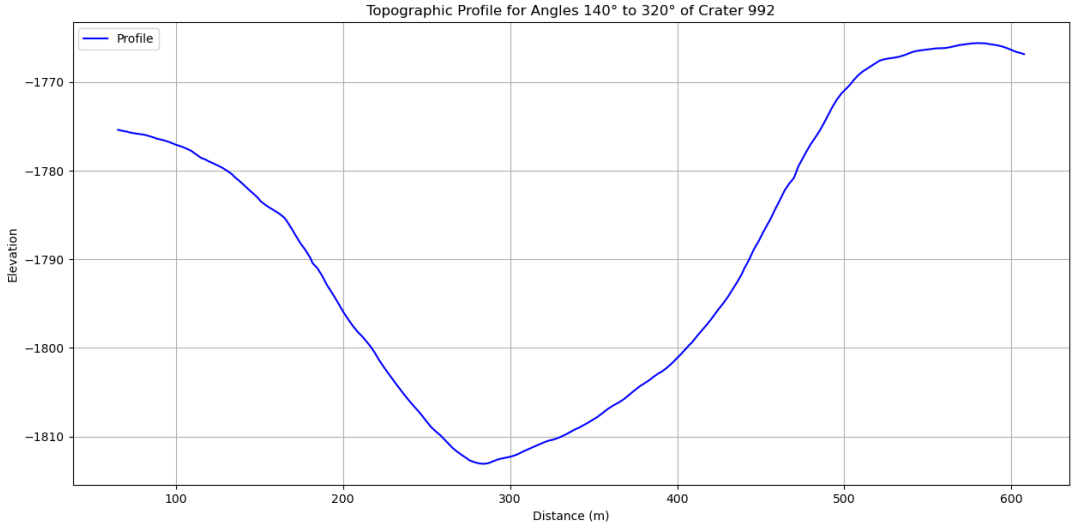

Topographic Profile for Angles 90° to 270° of Crater 992
Profile
Elevation
−1770
−1780
−1790
−1800
−1810
0
100
200
300
400
500
Distance (m)

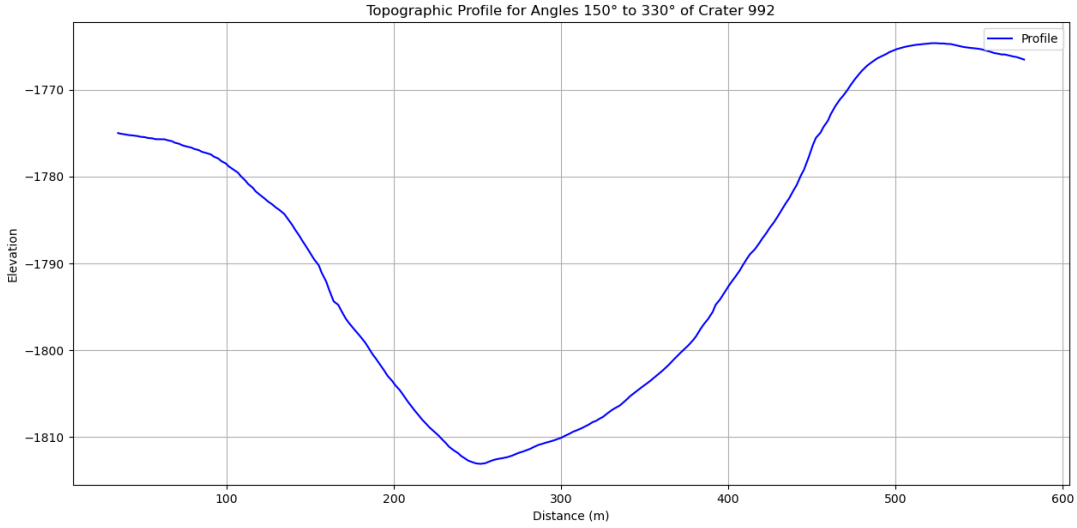

Topographic Profile for Angles 100° to 280° of Crater 992
Profile
Elevation
−1770
−1780
−1790
−1800
−1810
0
100
200
300
400
500
Distance (m)

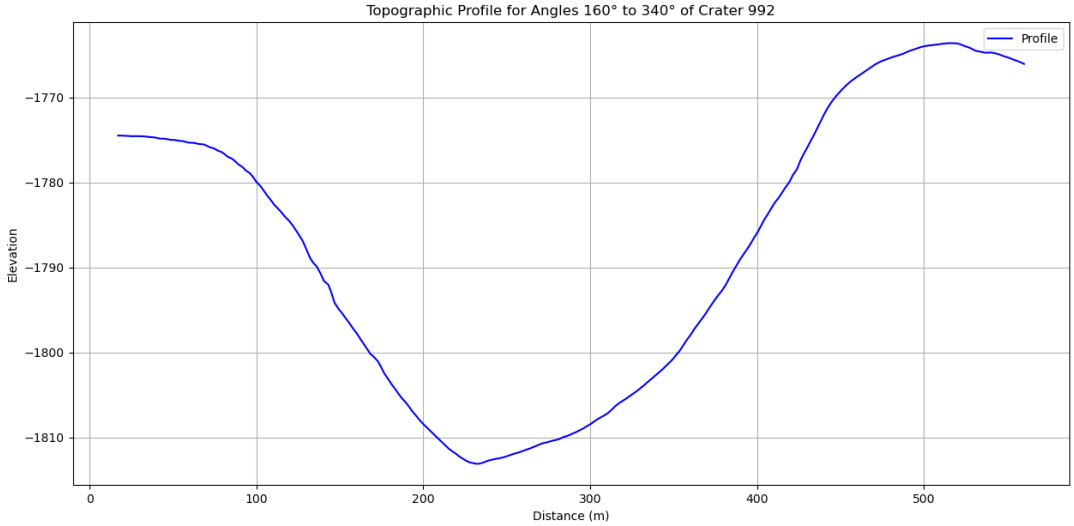

Topographic Profile for Angles 110° to 290° of Crater 992
Profile
Elevation
−1770
−1780
−1790
−1800
−1810
100
200
300
400
500
600
Distance (m)

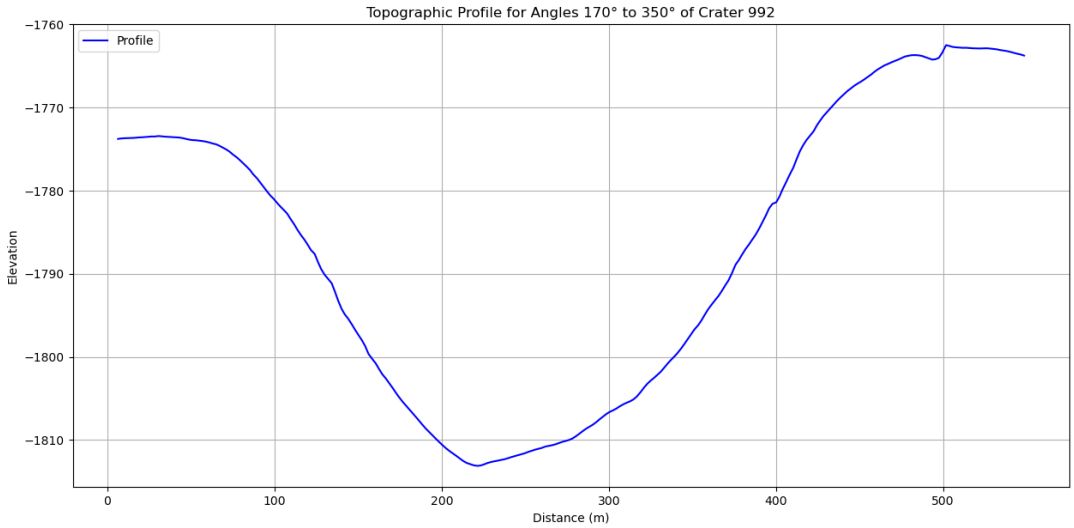

Topographic Profile for Angles 120° to 300° of Crater 992
Profile
Elevation
−1770
−1780
−1790
−1800
−1810
100
200
300
400
500
600
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 992
Profile
Elevation
Distance (m)
−1770
−1780
−1790
−1800
−1810
100
200
300
400
500
600


Topographic Profile for Angles 140° to 320° of Crater 992
Profile
Elevation
Distance (m)
−1770
−1780
−1790
−1800
−1810
100
200
300
400
500
600


Topographic Profile for Angles 150° to 330° of Crater 992
Profile
Elevation
−1770
−1780
−1790
−1800
−1810
100
200
300
400
500
600
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 992
Profile
Elevation
−1770
−1780
−1790
−1800
−1810
0
100
200
300
400
500
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 992
Profile
Elevation
Distance (m)
−1760
−1770
−1780
−1790
−1800
−1810
0
100
200
300
400
500