Crater report 990 of RG2

General information

ID : 990

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 199m ± 9.0m

Mean depht : 14.5m ± 0.6m

d/D ratio : 0.073 ± 0.004

Circularity index : 0.92

Mean slope : 10.67°

Mean value of TRI on the rim crest : 0.19

Geometric center coordinates : (3658441.508645344, 228415.04655753355)

Coordinates of the crater's lowest point : (3658441.000001101, 228393.0000000674)

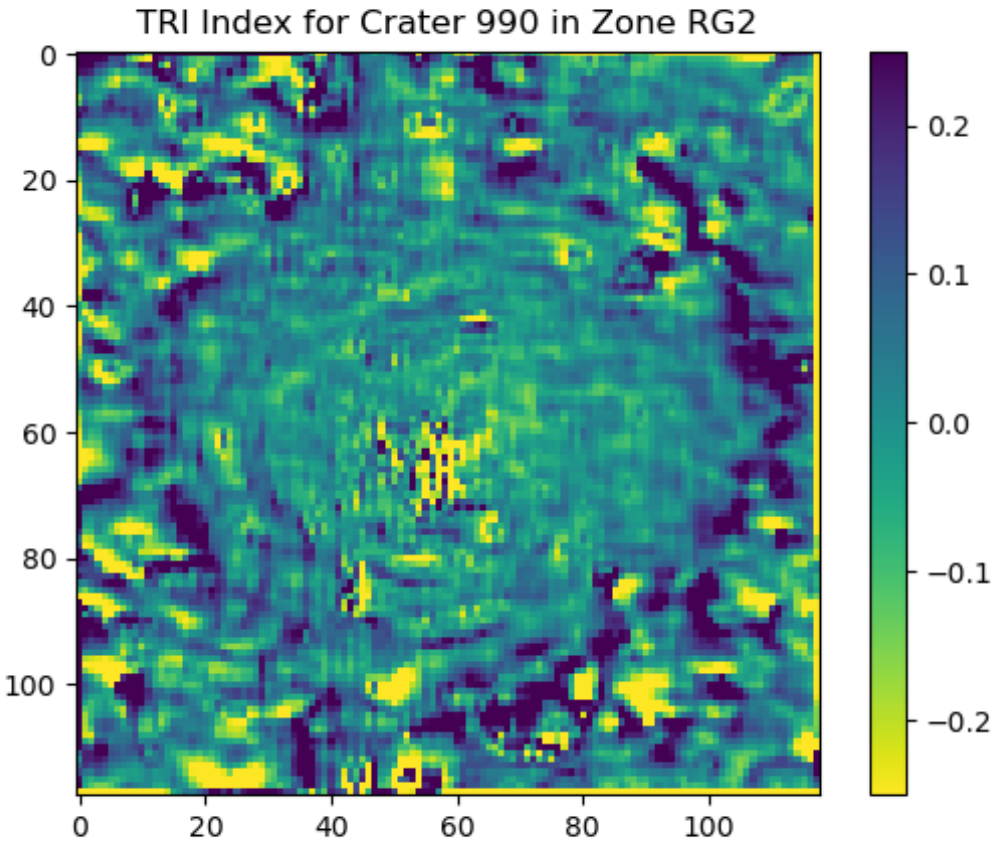
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	10.67	0.57
10°	10.13	0.54
20°	9.42	0.51
30°	9.08	0.48
40°	9.3	0.43
50°	9.0	0.43
60°	8.39	0.48
70°	8.4	0.52
80°	8.55	0.55
90°	9.19	0.57
100°	8.76	0.54
110°	9.06	0.52

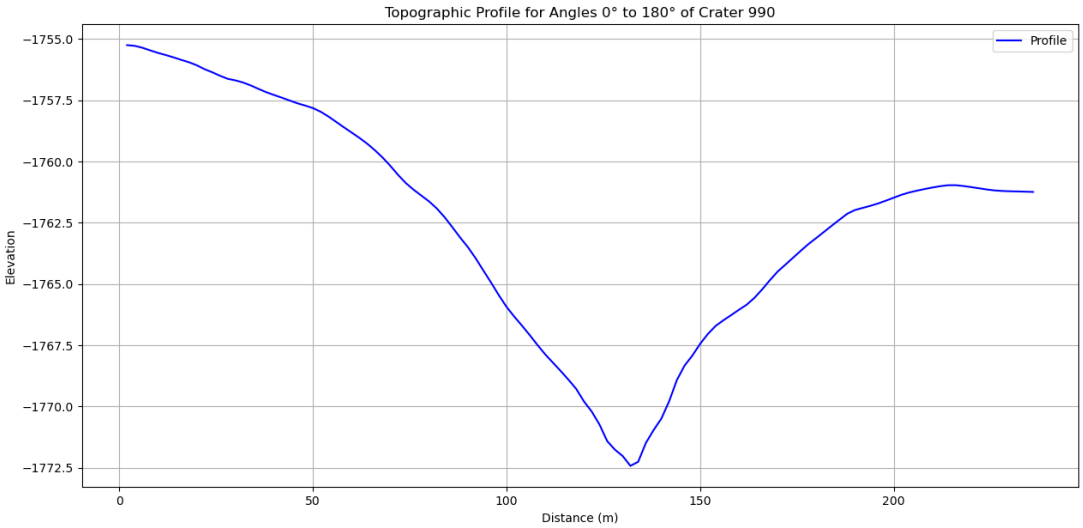
120°	9.16	0.48
130°	10.0	0.43
140°	10.58	0.43
150°	10.5	0.48
160°	9.95	0.52
170°	10.1	0.54
180°	11.04	0.57
190°	10.96	0.54
200°	10.48	0.51
210°	10.57	0.48
220°	12.29	0.43
230°	13.52	0.43
240°	13.06	0.47
250°	13.13	0.51
260°	13.01	0.54
270°	13.13	0.57
280°	12.2	0.54
290°	11.7	0.51
300°	11.76	0.48
310°	12.04	0.43
320°	11.9	0.43
330°	11.18	0.48
340°	11.06	0.51
350°	10.8	0.54

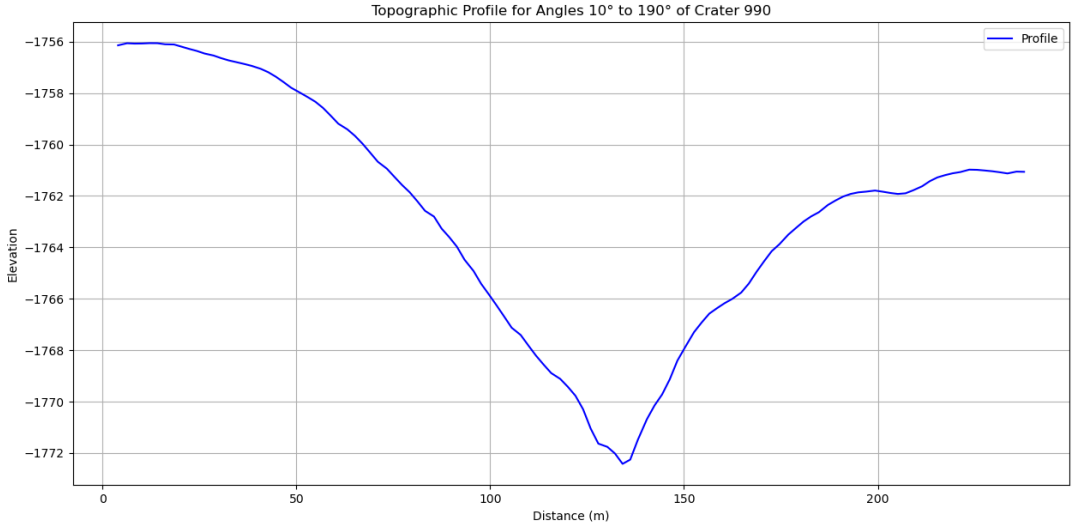
Topographic roughness index (TRI)

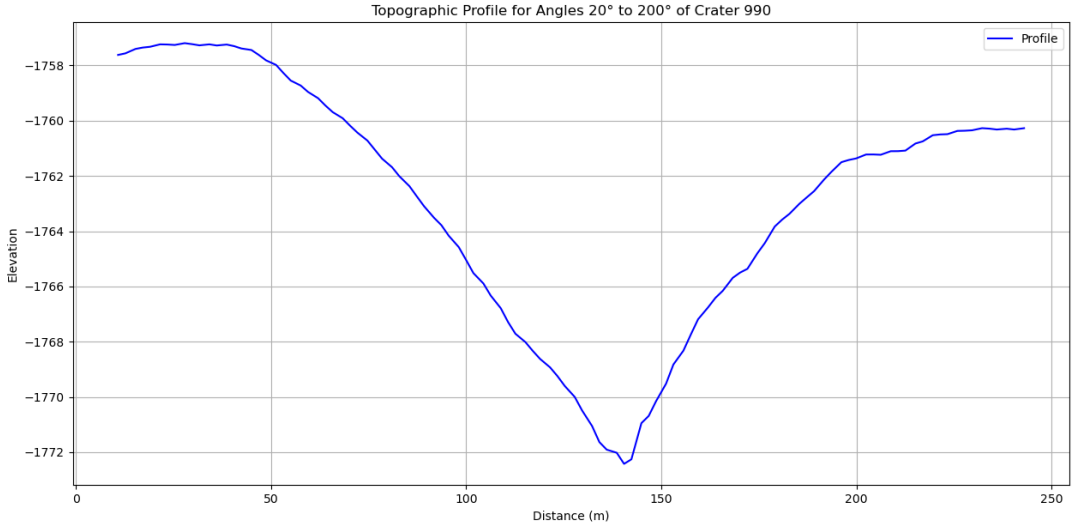
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

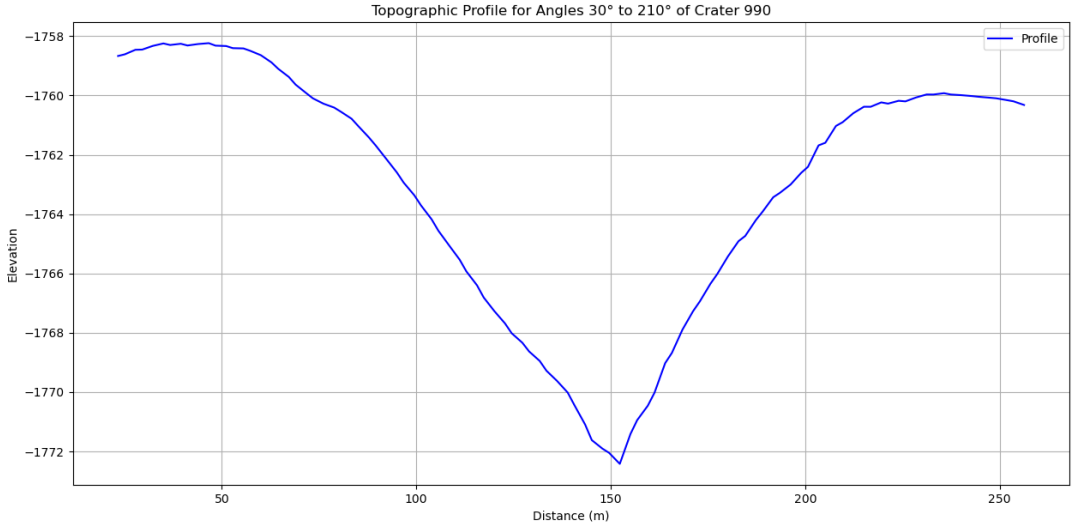


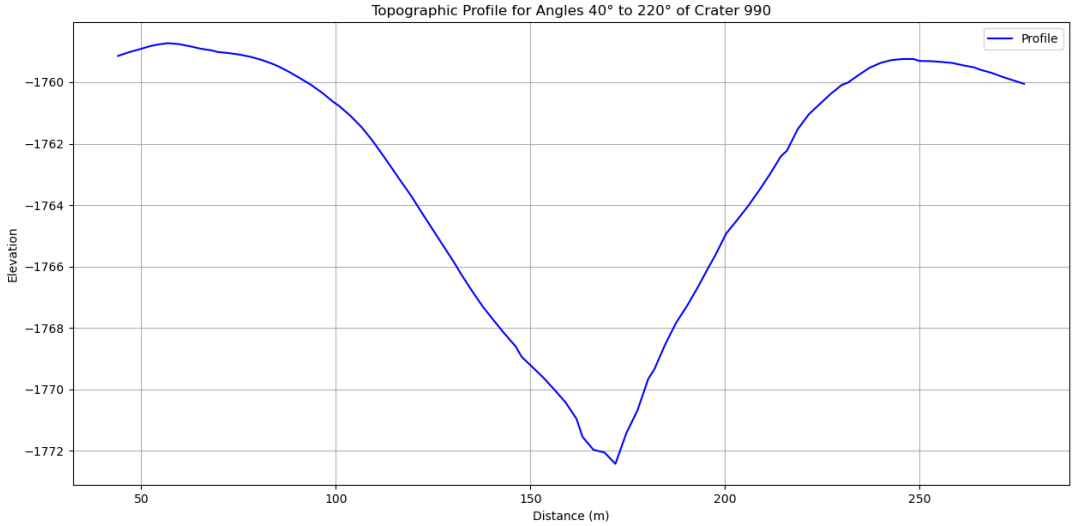
Topographic profiles

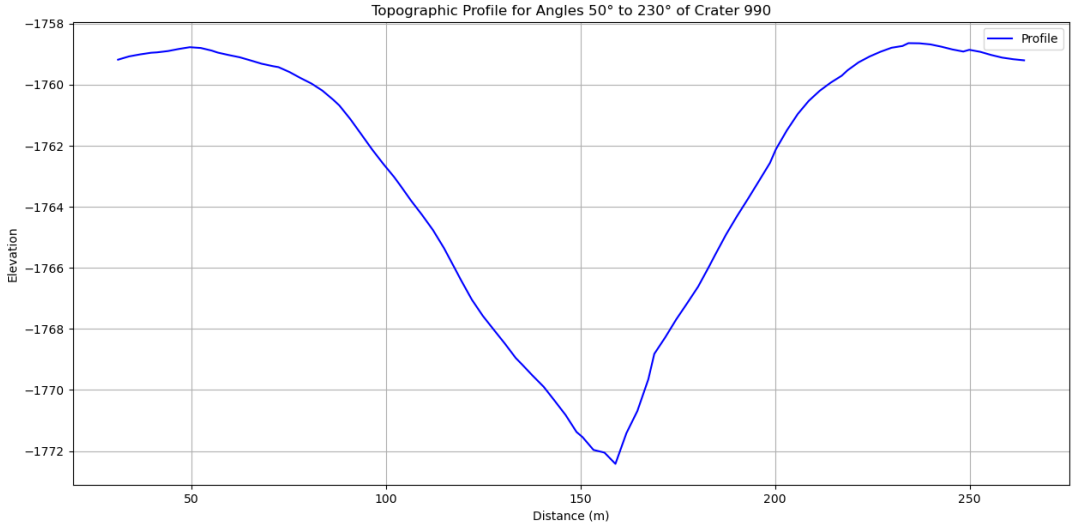


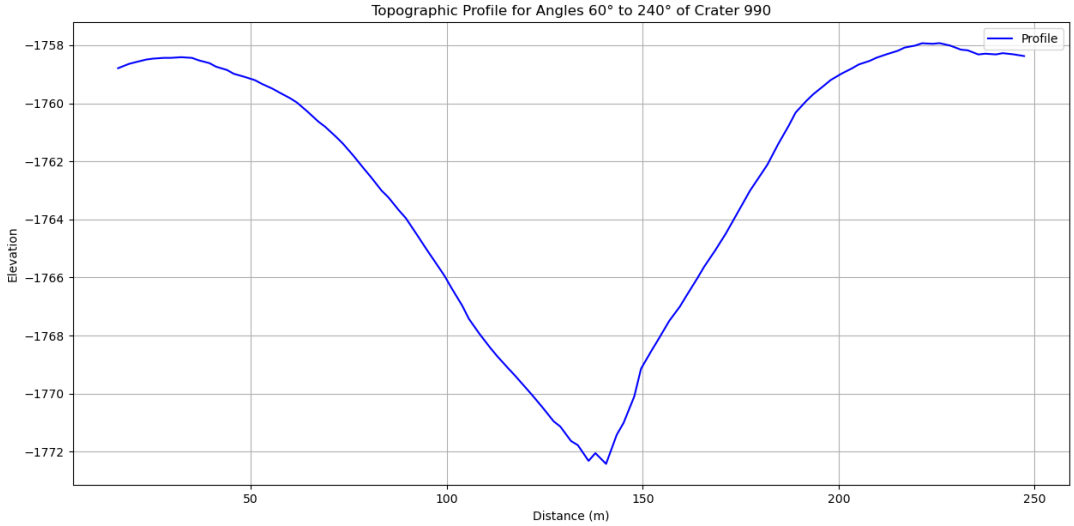

Topographic Profile for Angles 10° to 190° of Crater 990
Profile
Elevation
Distance (m)
−1756
−1758
−1760
−1762
−1764
−1766
−1768
−1770
−1772
0
50
100
150
200

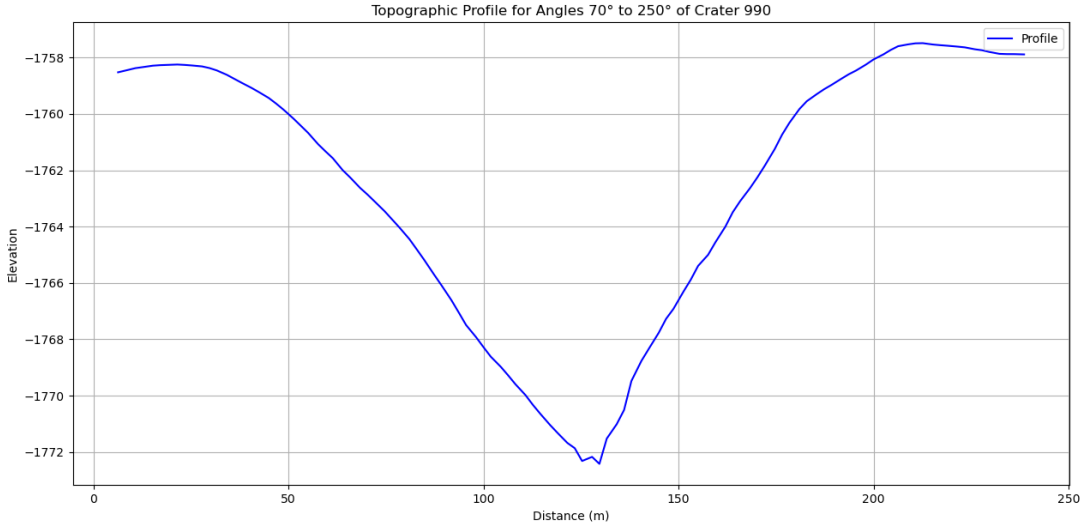

Topographic Profile for Angles 20° to 200° of Crater 990
Profile
Elevation
Distance (m)
−1758
−1760
−1762
−1764
−1766
−1768
−1770
−1772
0
50
100
150
200
250

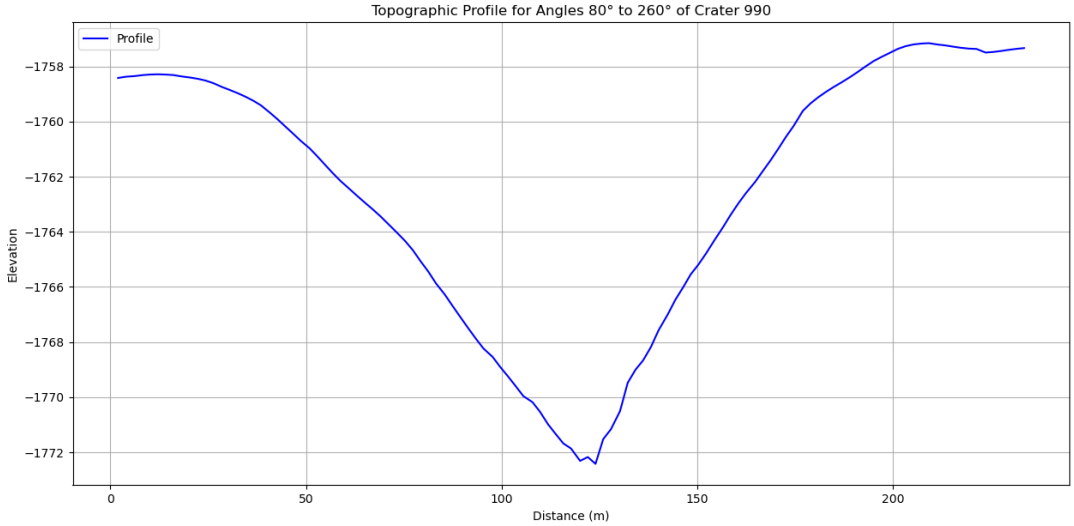

Topographic Profile for Angles 30° to 210° of Crater 990
Profile
Elevation
Distance (m)
−1758
−1760
−1762
−1764
−1766
−1768
−1770
−1772
50
100
150
200
250

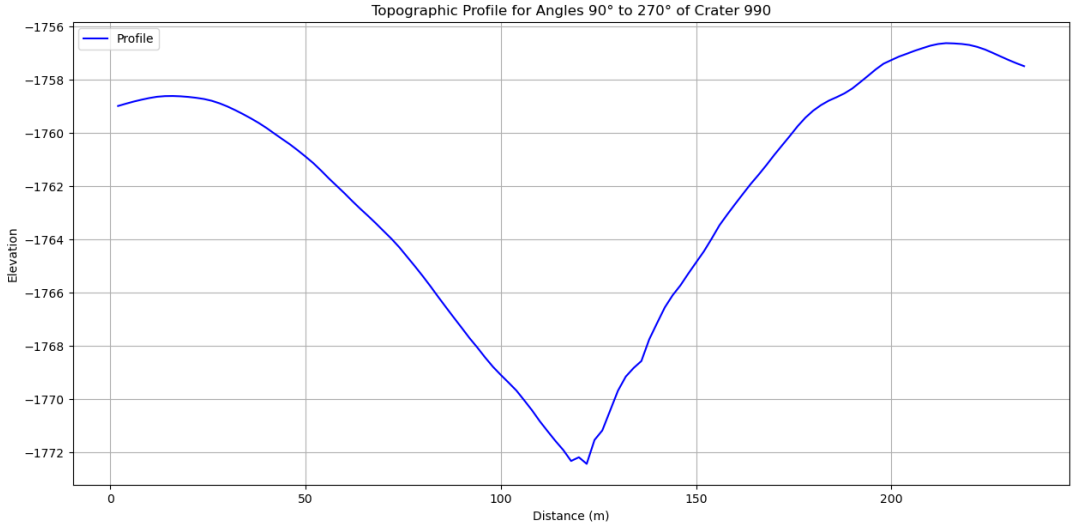

Topographic Profile for Angles 40° to 220° of Crater 990
Profile
Elevation
Distance (m)
−1760
−1762
−1764
−1766
−1768
−1770
−1772
50
100
150
200
250

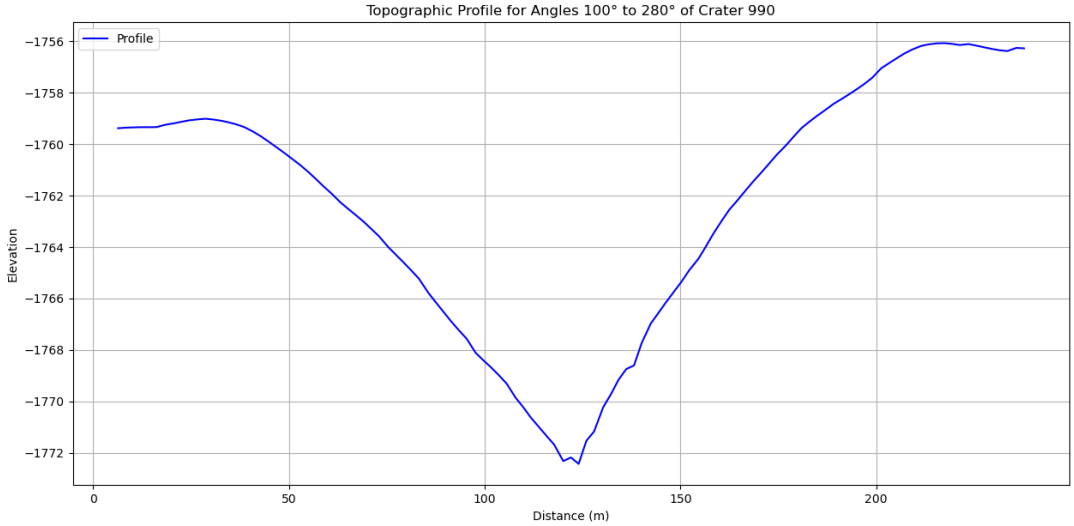

Topographic Profile for Angles 50° to 230° of Crater 990
Profile
Elevation
Distance (m)
−1758
−1760
−1762
−1764
−1766
−1768
−1770
−1772
50
100
150
200
250

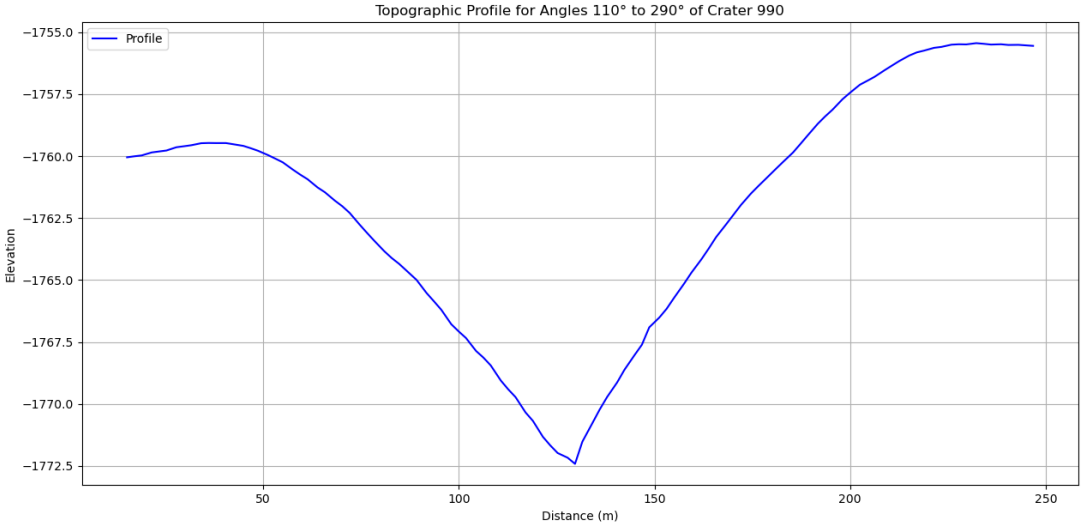

Topographic Profile for Angles 60° to 240° of Crater 990
Profile
Elevation
Distance (m)
−1758
−1760
−1762
−1764
−1766
−1768
−1770
−1772
50
100
150
200
250

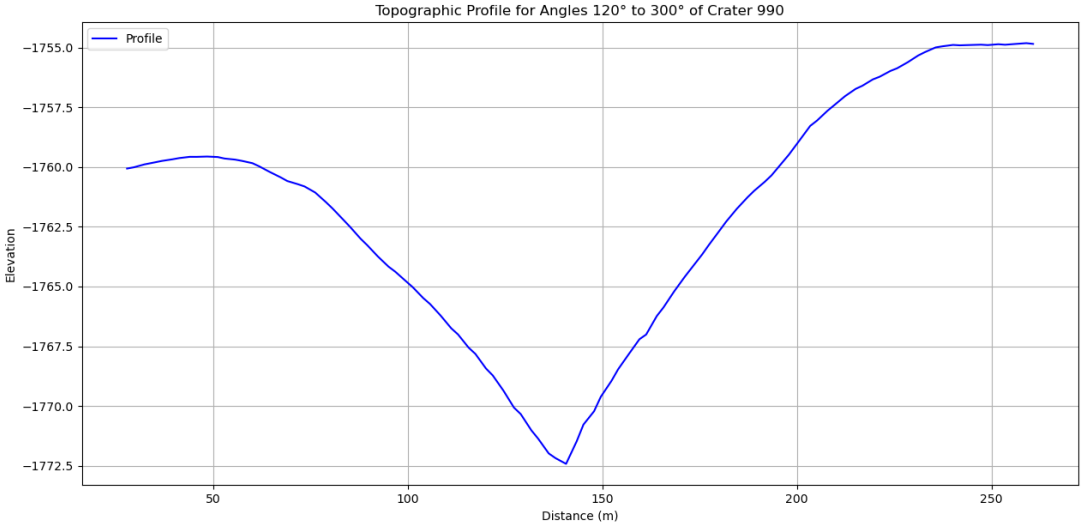

Topographic Profile for Angles 70° to 250° of Crater 990
Profile
Elevation
Distance (m)
−1758
−1760
−1762
−1764
−1766
−1768
−1770
−1772
0
50
100
150
200
250

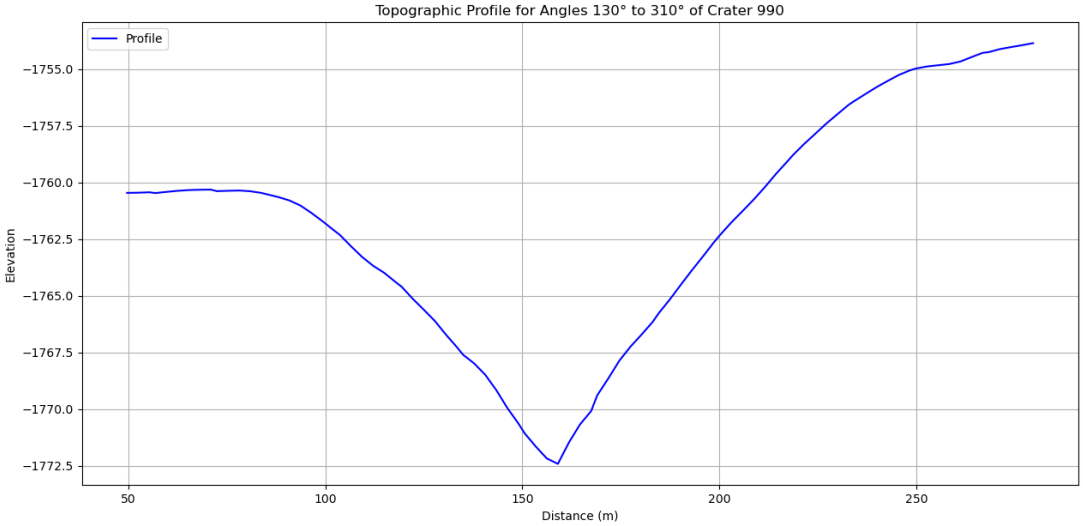

Topographic Profile for Angles 80° to 260° of Crater 990
Profile
Elevation
Distance (m)
−1758
−1760
−1762
−1764
−1766
−1768
−1770
−1772
0
50
100
150
200

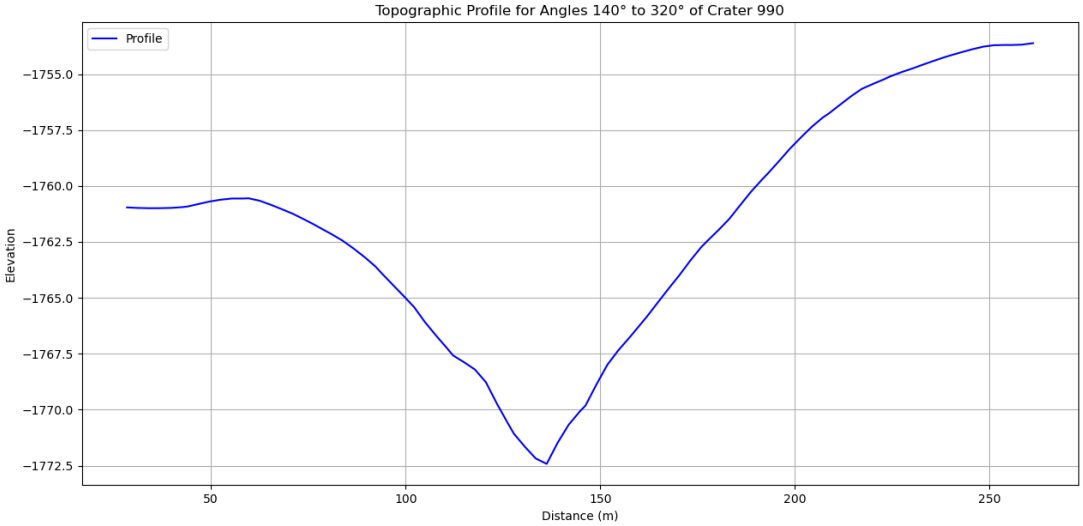

Topographic Profile for Angles 90° to 270° of Crater 990
Profile
Elevation
Distance (m)
−1756
−1758
−1760
−1762
−1764
−1766
−1768
−1770
−1772
0
50
100
150
200

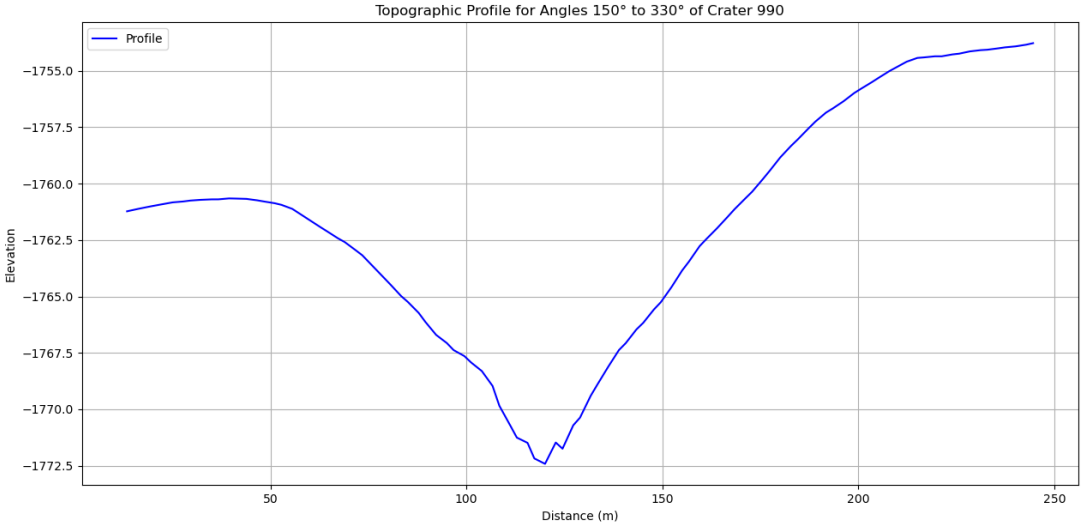

Topographic Profile for Angles 100° to 280° of Crater 990
Profile
Elevation
Distance (m)
−1756
−1758
−1760
−1762
−1764
−1766
−1768
−1770
−1772
0
50
100
150
200

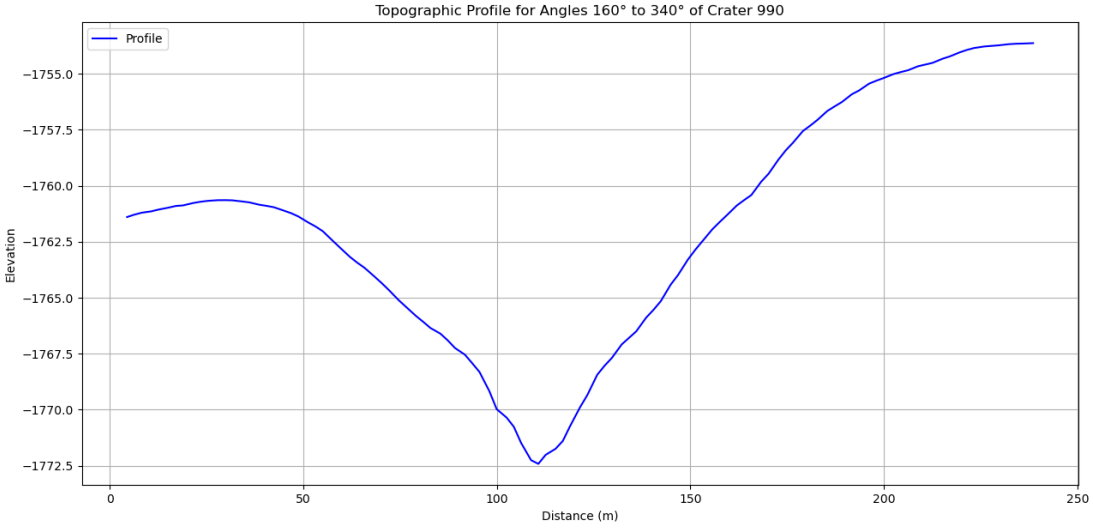

Topographic Profile for Angles 110° to 290° of Crater 990
Profile
Elevation
Distance (m)
−1755.0
−1757.5
−1760.0
−1762.5
−1765.0
−1767.5
−1770.0
−1772.5
50
100
150
200
250

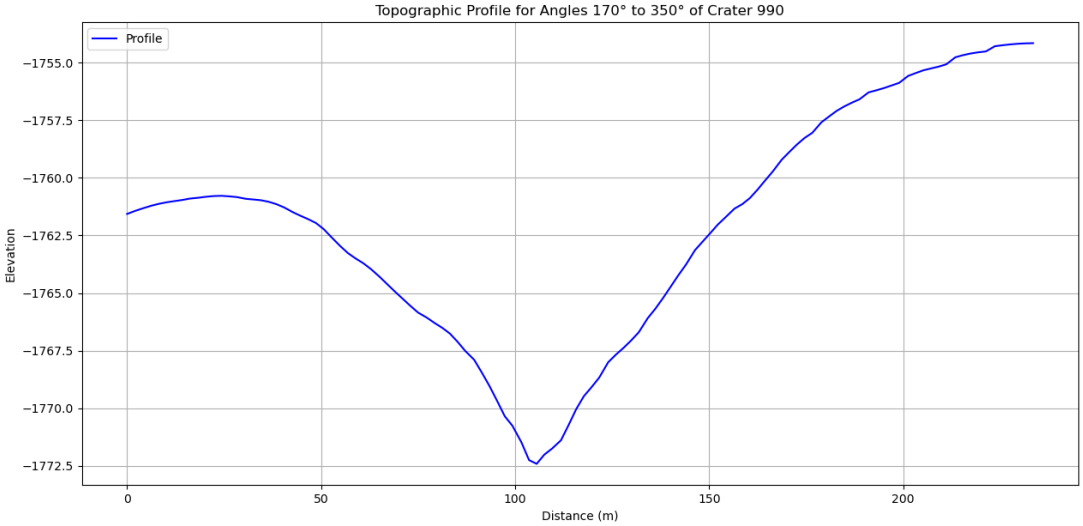

Topographic Profile for Angles 120° to 300° of Crater 990
Profile
Elevation
Distance (m)
−1755.0
−1757.5
−1760.0
−1762.5
−1765.0
−1767.5
−1770.0
−1772.5
50
100
150
200
250


Topographic Profile for Angles 130° to 310° of Crater 990
Profile
−1755.0
−1757.5
−1760.0
−1762.5
−1765.0
−1767.5
−1770.0
−1772.5
Elevation
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 990
Profile
−1755.0
−1757.5
−1760.0
−1762.5
−1765.0
−1767.5
−1770.0
−1772.5
Elevation
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 990
Profile
−1755.0
−1757.5
−1760.0
−1762.5
−1765.0
−1767.5
−1770.0
−1772.5
Elevation
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 990
Profile
−1755.0
−1757.5
−1760.0
−1762.5
−1765.0
−1767.5
−1770.0
−1772.5
Elevation
0
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 990
Profile
Elevation
−1755.0
−1757.5
−1760.0
−1762.5
−1765.0
−1767.5
−1770.0
−1772.5
0
50
100
150
200
Distance (m)