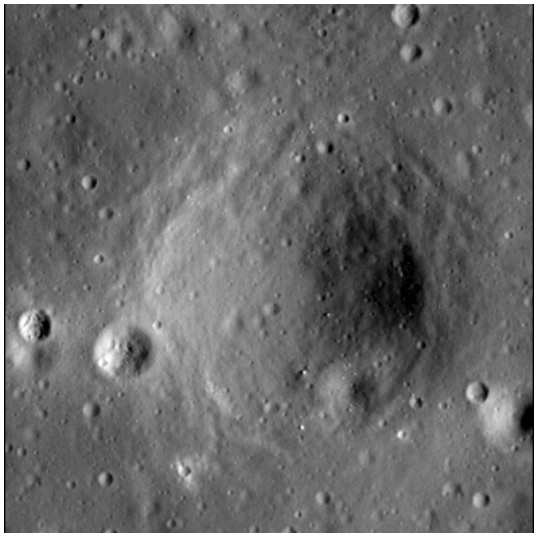
Crater report 556 of RG2

General information



ID : 556

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : Unknown

Mean Diameter : 183m ± 6.0m

Mean depht : 14.4m ± 0.3m

d/D ratio : 0.078 ± 0.003

Circularity index : 0.9

Slope : Between 10.09° et 15.31°

Mean value of TRI on the rim crest : 0.35

Geometric center coordinates : (3657905.397856041, 232048.71869659636)

Coordinates of the crater's lowest point : (3657905.000001101, 232047.0000000685)

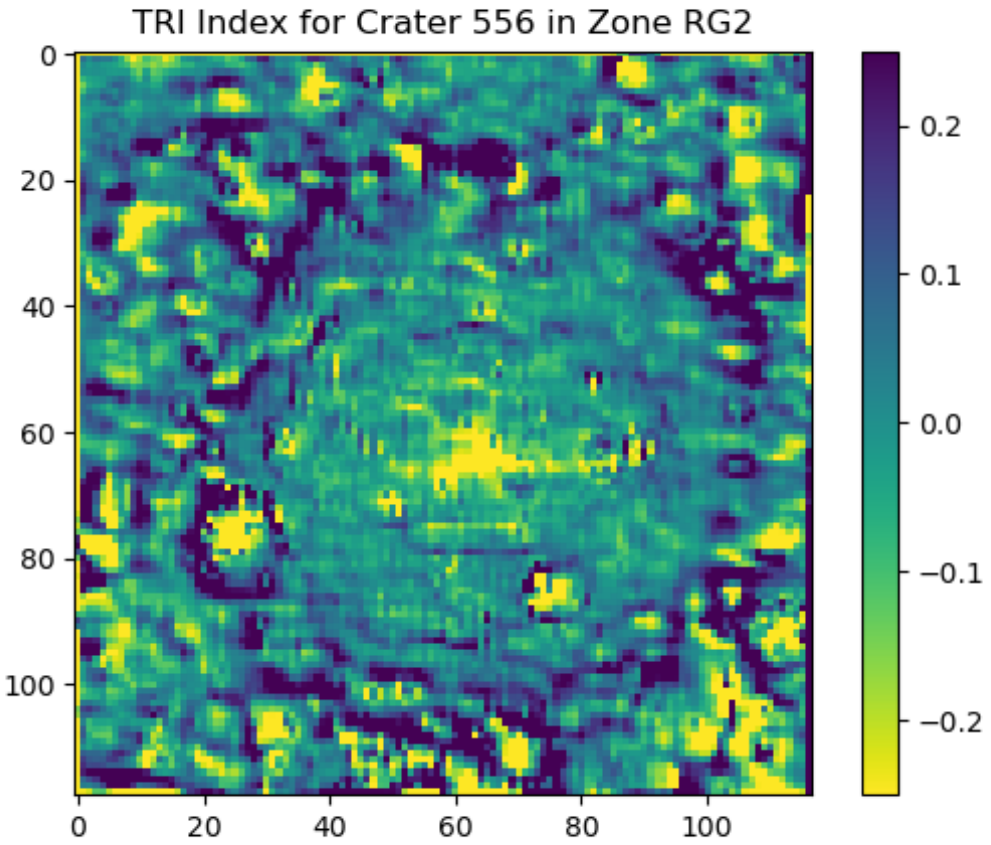
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	11.66	0.57
10°	11.87	0.54
20°	11.68	0.52
30°	11.62	0.47
40°	12.3	0.44
50°	13.08	0.44
60°	13.82	0.48
70°	14.37	0.51
80°	15.1	0.54
90°	15.31	0.56
100°	13.88	0.54
110°	11.11	0.52

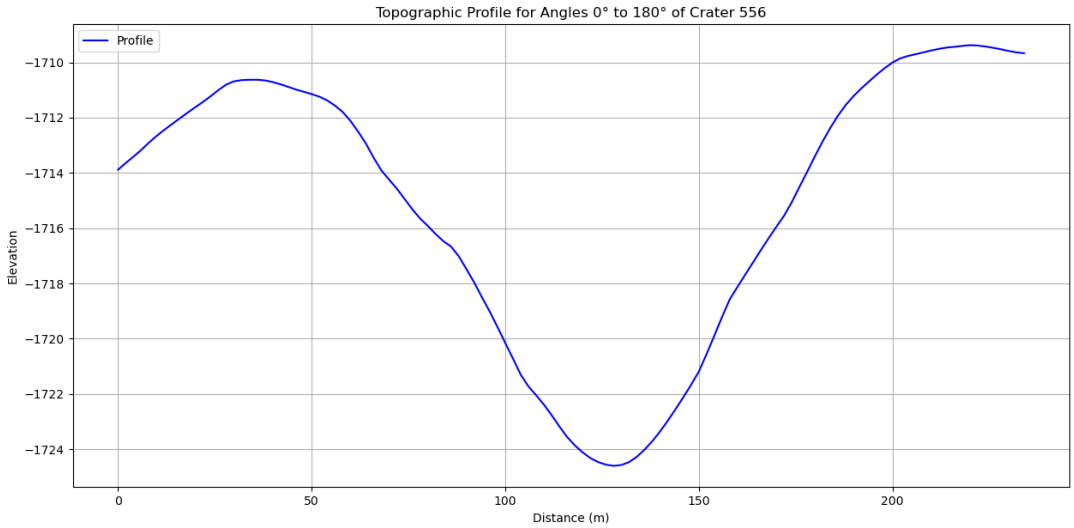
120°	10.23	0.48
130°	10.54	0.44
140°	11.24	0.44
150°	10.95	0.48
160°	12.12	0.51
170°	13.47	0.54
180°	14.47	0.56
190°	13.55	0.54
200°	12.75	0.52
210°	12.19	0.48
220°	12.62	0.43
230°	11.47	0.44
240°	10.98	0.47
250°	10.09	0.51
260°	10.82	0.55
270°	11.2	0.57
280°	11.16	0.55
290°	11.81	0.51
300°	12.14	0.47
310°	13.9	0.43
320°	13.12	0.43
330°	12.22	0.48
340°	11.5	0.51
350°	11.65	0.54

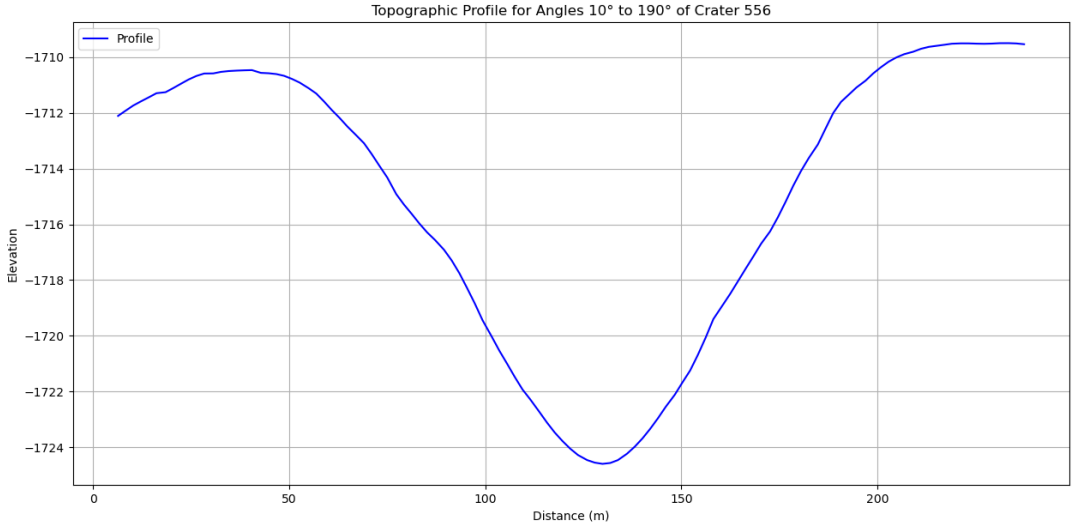
Topographic roughness index (TRI)

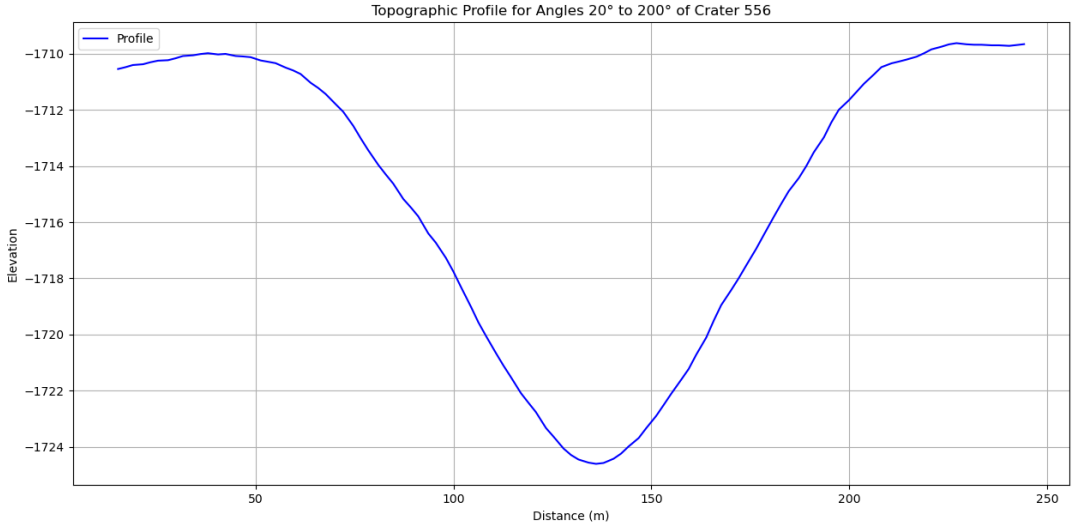
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

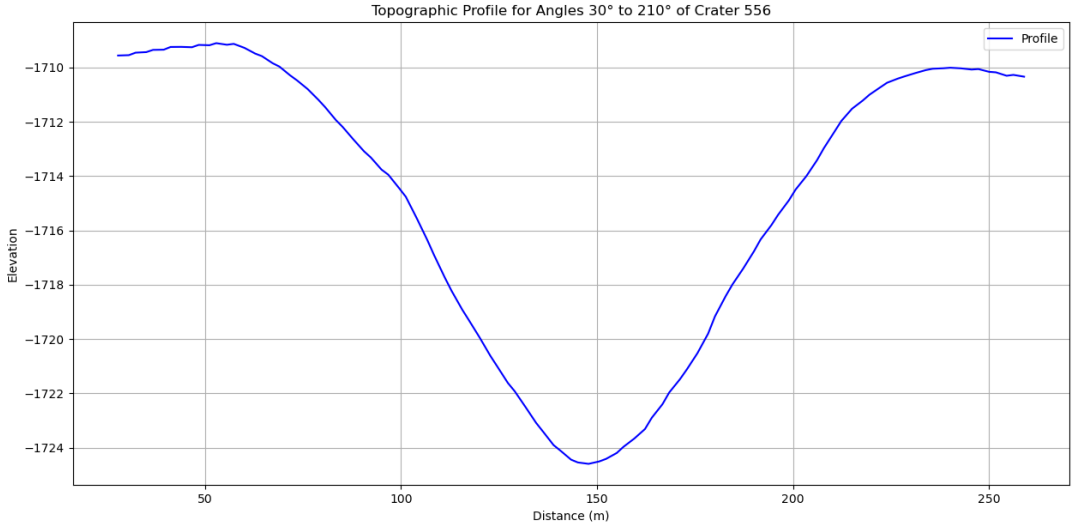


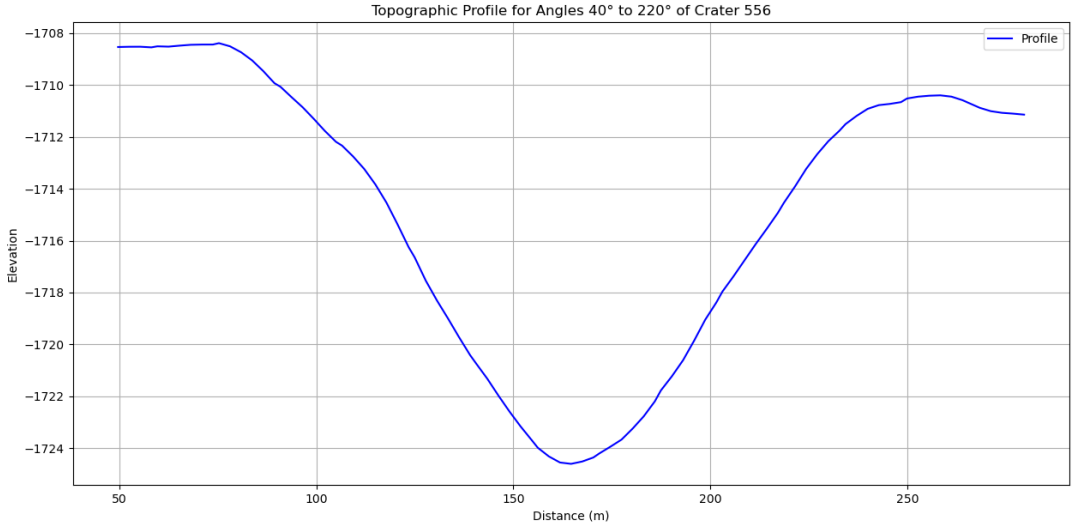
Topographic profiles

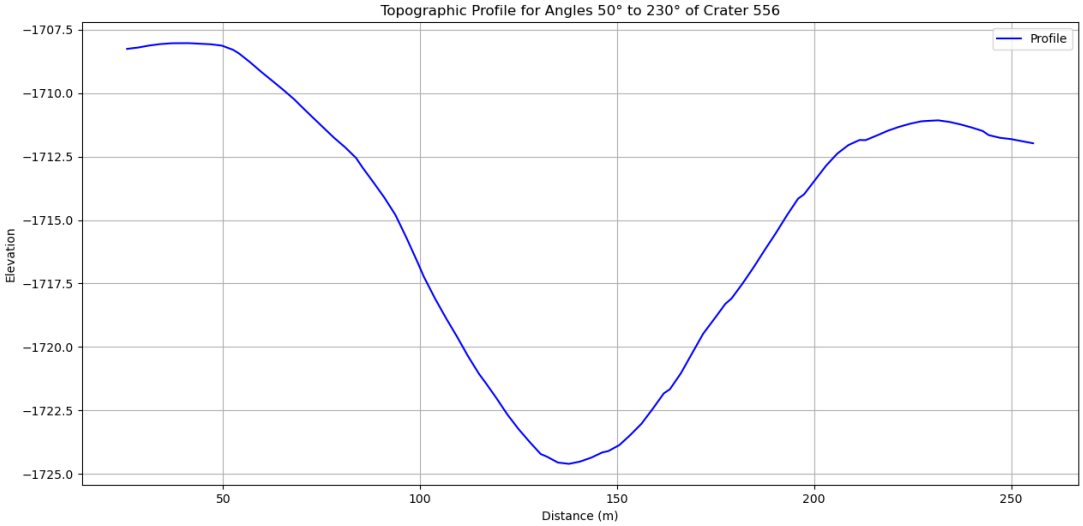


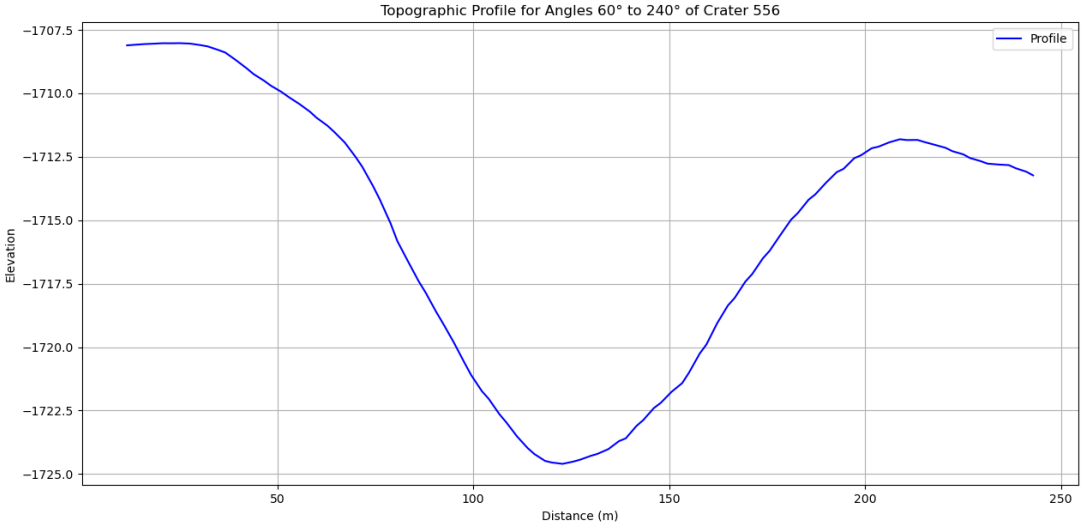

Topographic Profile for Angles 10° to 190° of Crater 556
Profile
Elevation
−1710
−1712
−1714
−1716
−1718
−1720
−1722
−1724
0
50
100
150
200
Distance (m)

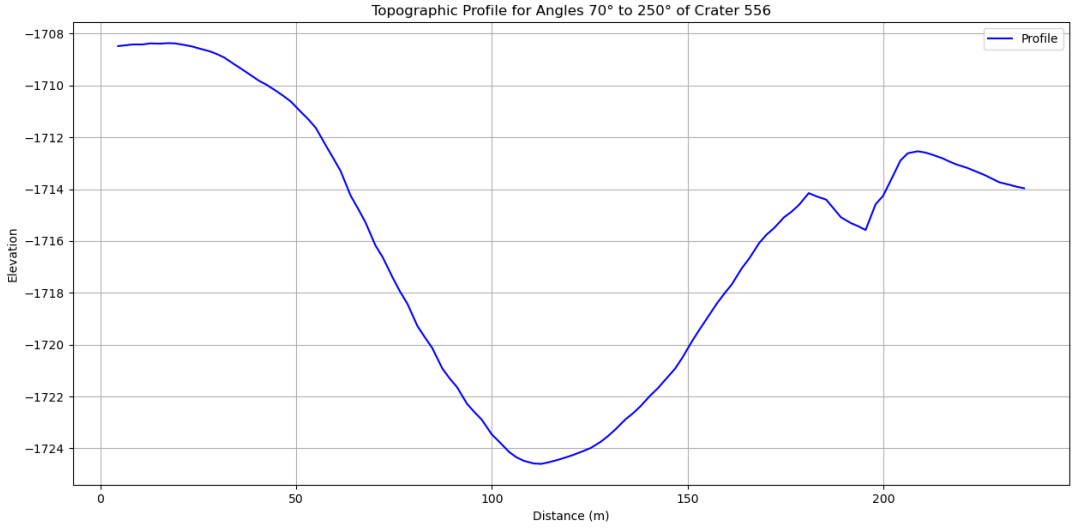

Topographic Profile for Angles 20° to 200° of Crater 556
Profile
Elevation
−1710
−1712
−1714
−1716
−1718
−1720
−1722
−1724
50
100
150
200
250
Distance (m)

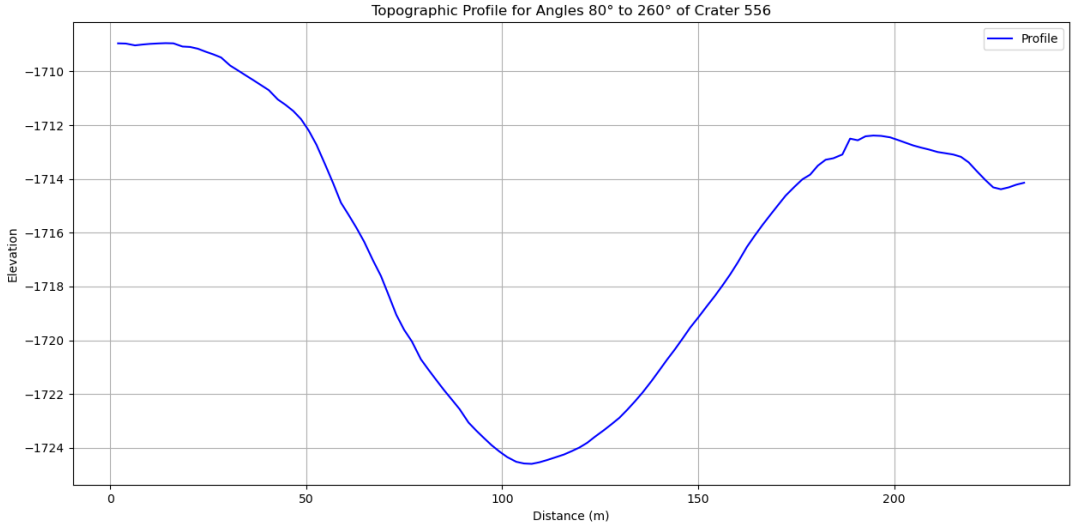

Topographic Profile for Angles 30° to 210° of Crater 556
Profile
Elevation
Distance (m)
−1710
−1712
−1714
−1716
−1718
−1720
−1722
−1724
50
100
150
200
250

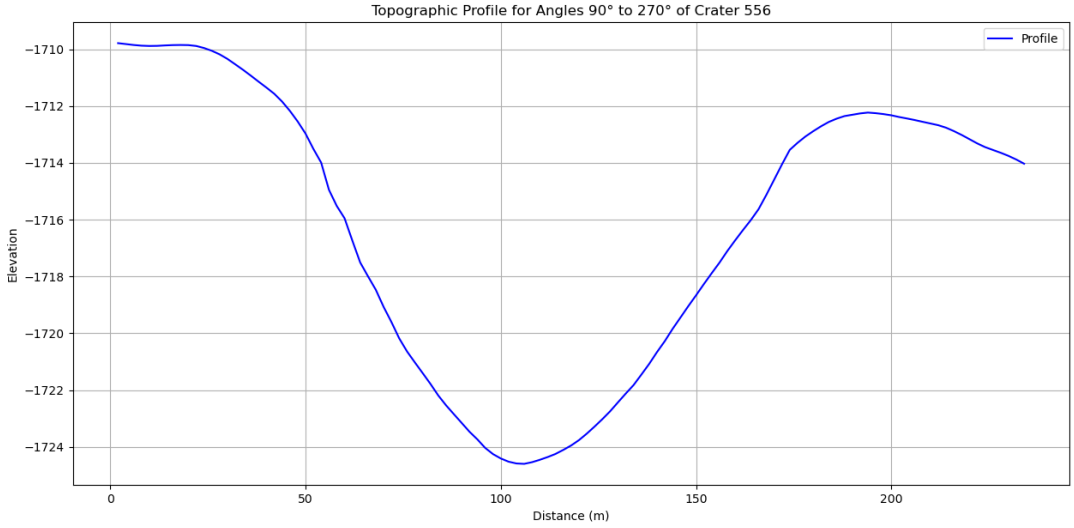

Topographic Profile for Angles 40° to 220° of Crater 556
Profile
Elevation
Distance (m)
−1708
−1710
−1712
−1714
−1716
−1718
−1720
−1722
−1724
50
100
150
200
250

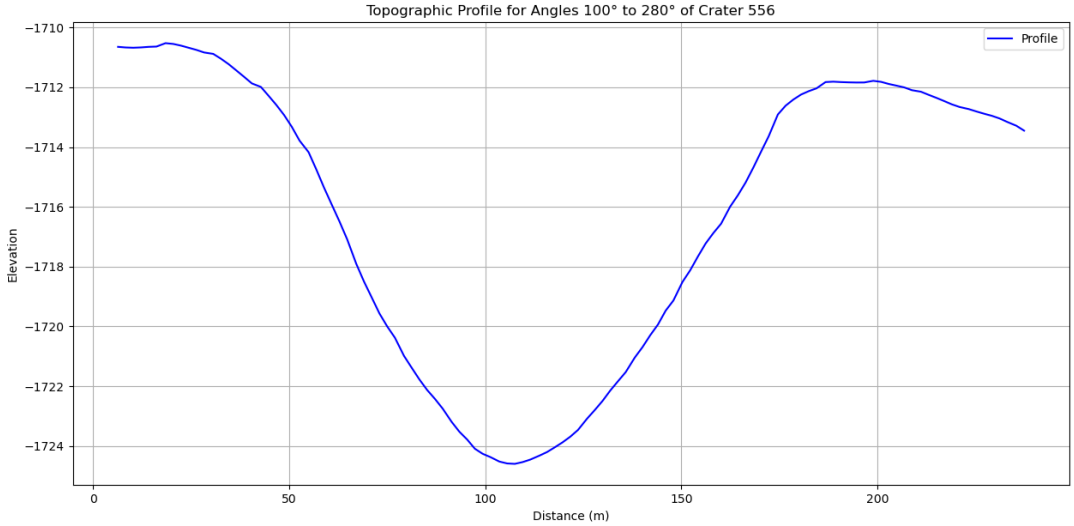

Topographic Profile for Angles 50° to 230° of Crater 556
Profile
Elevation
Distance (m)
−1707.5
−1710.0
−1712.5
−1715.0
−1717.5
−1720.0
−1722.5
−1725.0
50
100
150
200
250

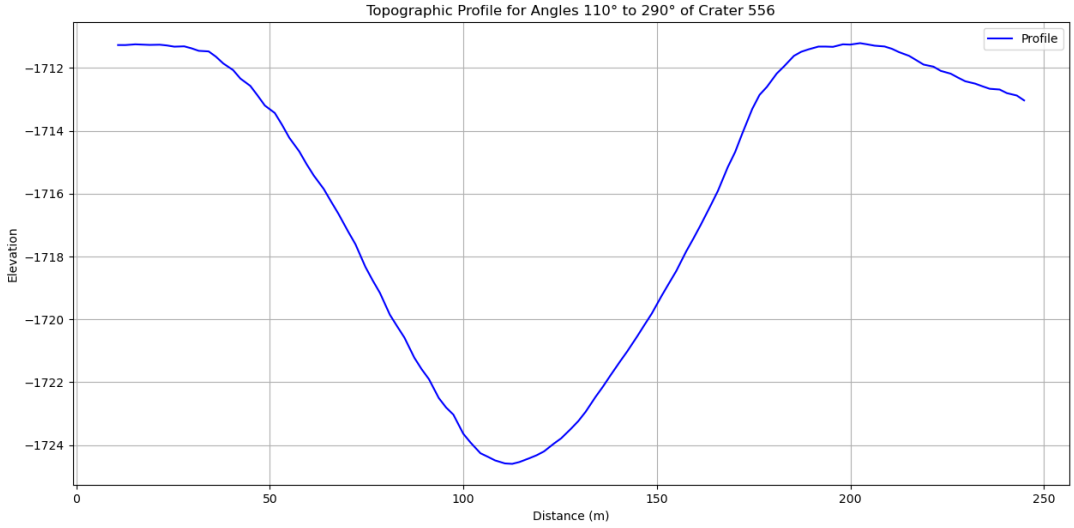

Topographic Profile for Angles 60° to 240° of Crater 556
Profile
Elevation
Distance (m)
−1707.5
−1710.0
−1712.5
−1715.0
−1717.5
−1720.0
−1722.5
−1725.0
50
100
150
200
250

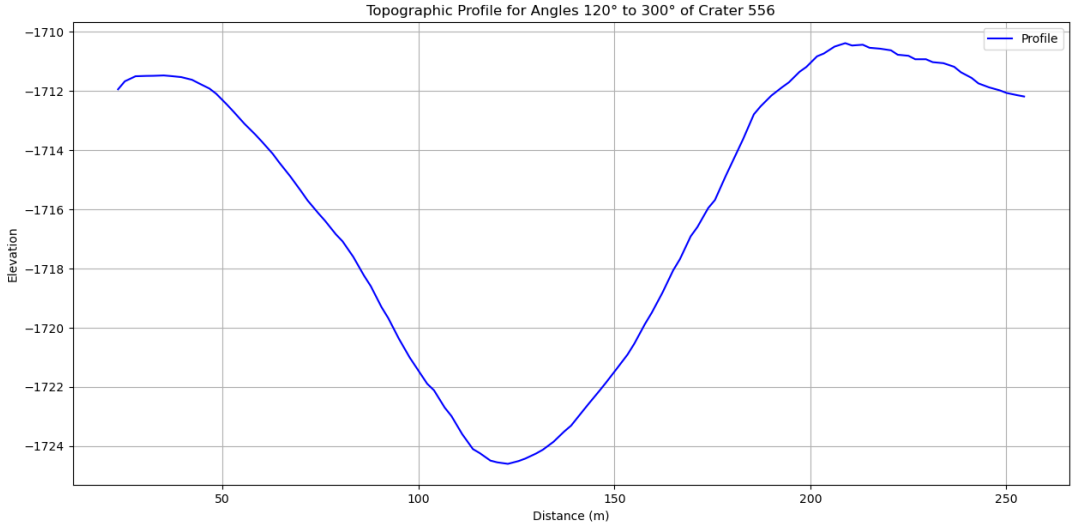

Topographic Profile for Angles 70° to 250° of Crater 556
Profile
Elevation
Distance (m)
−1708
−1710
−1712
−1714
−1716
−1718
−1720
−1722
−1724
0
50
100
150
200

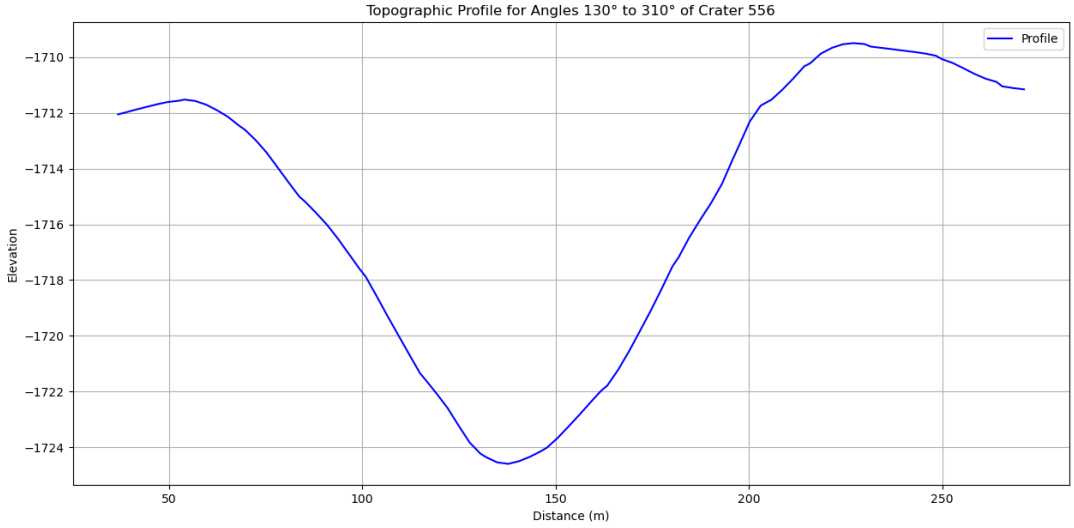

Topographic Profile for Angles 80° to 260° of Crater 556
Profile
Elevation
Distance (m)
−1710
−1712
−1714
−1716
−1718
−1720
−1722
−1724
0
50
100
150
200

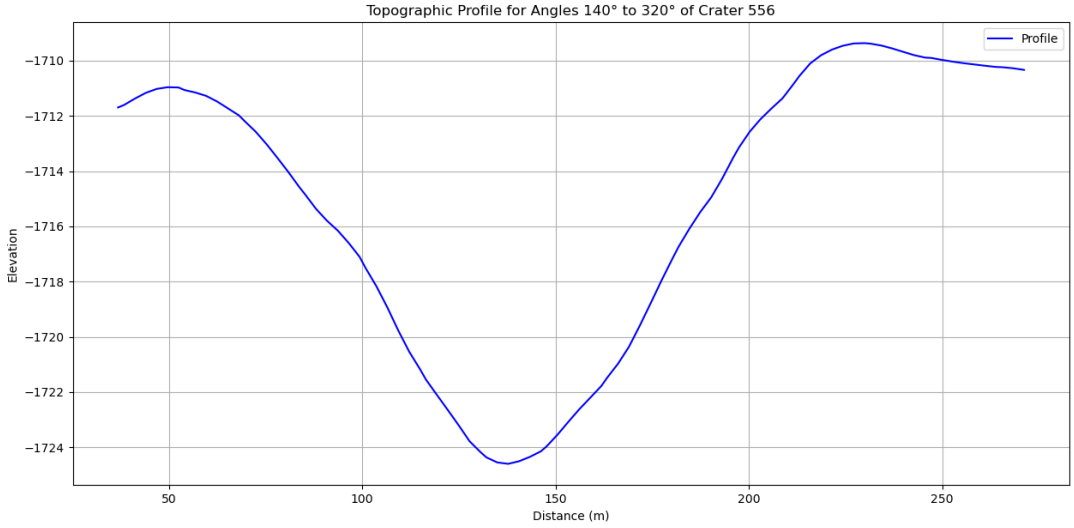

Topographic Profile for Angles 90° to 270° of Crater 556
Profile
Elevation
−1710
−1712
−1714
−1716
−1718
−1720
−1722
−1724
0
50
100
150
200
Distance (m)

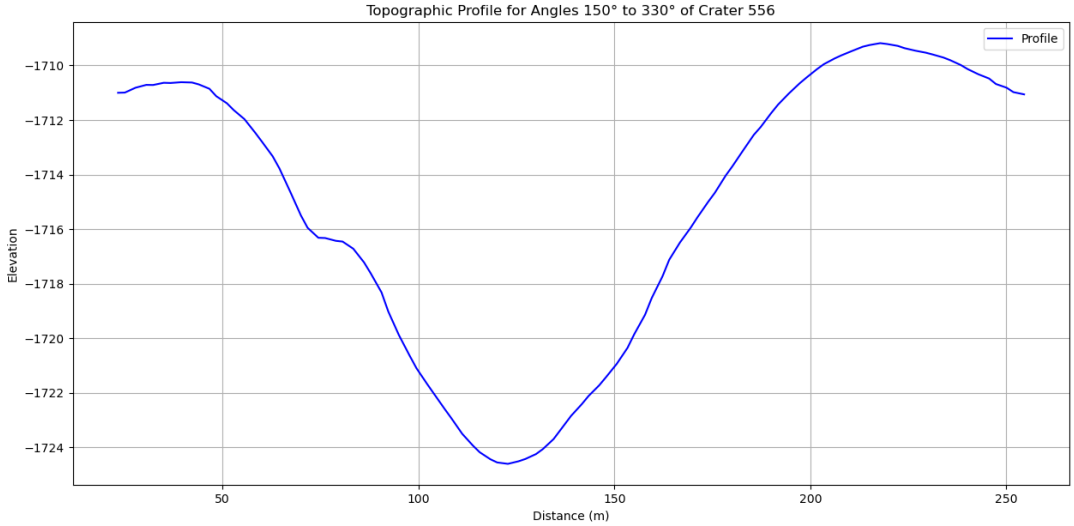

Topographic Profile for Angles 100° to 280° of Crater 556
Profile
Elevation
−1710
−1712
−1714
−1716
−1718
−1720
−1722
−1724
0
50
100
150
200
Distance (m)

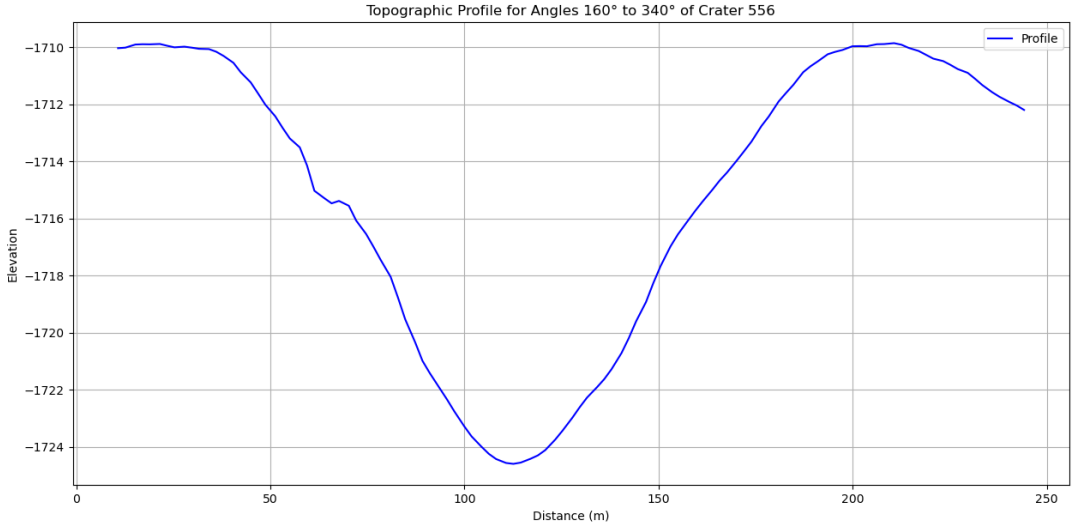

Topographic Profile for Angles 110° to 290° of Crater 556
Profile
Elevation
−1712
−1714
−1716
−1718
−1720
−1722
−1724
0
50
100
150
200
250
Distance (m)

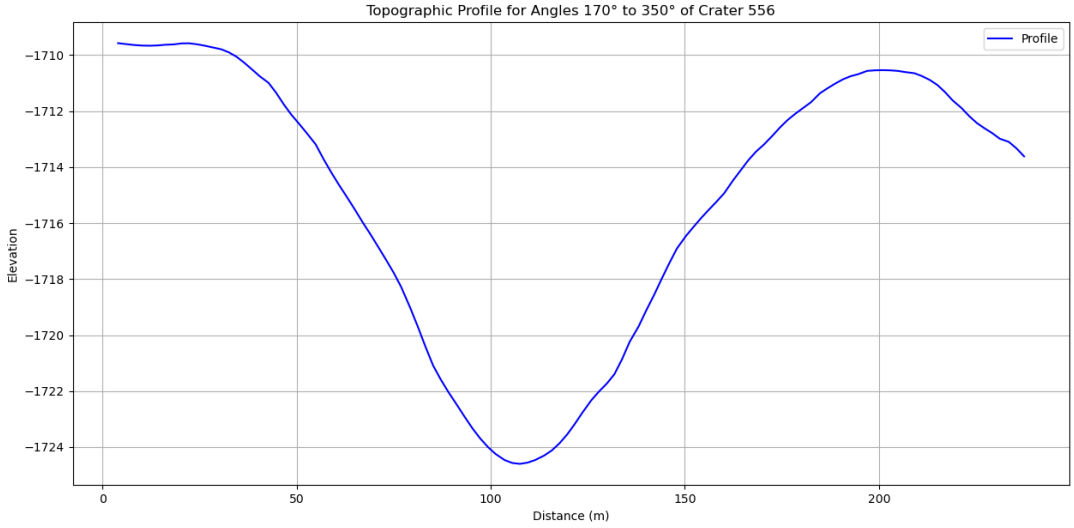

Topographic Profile for Angles 120° to 300° of Crater 556
Profile
Elevation
−1710
−1712
−1714
−1716
−1718
−1720
−1722
−1724
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 556
Profile
Elevation
−1710
−1712
−1714
−1716
−1718
−1720
−1722
−1724
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 556
Profile
Elevation
−1710
−1712
−1714
−1716
−1718
−1720
−1722
−1724
50
100
150
200
250
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 556
Profile
Elevation
Distance (m)
−1710
−1712
−1714
−1716
−1718
−1720
−1722
−1724
50
100
150
200
250


Topographic Profile for Angles 160° to 340° of Crater 556
Profile
Elevation
Distance (m)
−1710
−1712
−1714
−1716
−1718
−1720
−1722
−1724
0
50
100
150
200
250


Topographic Profile for Angles 170° to 350° of Crater 556
Profile
Elevation
−1710
−1712
−1714
−1716
−1718
−1720
−1722
−1724
0
50
100
150
200
Distance (m)