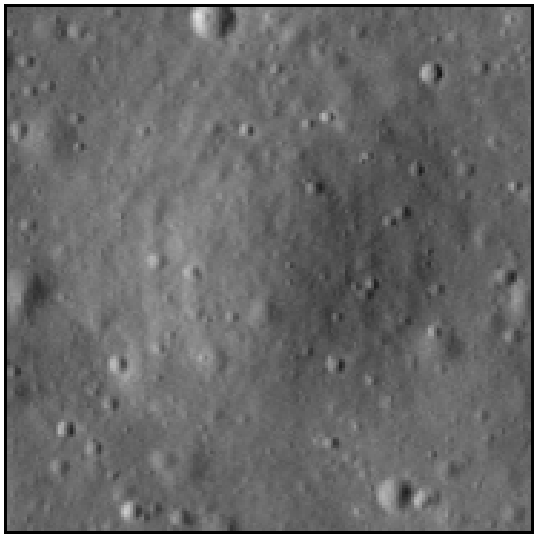
Crater report 2163 of RG2

General information



ID : 2163

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 94m ± 3.0m

Mean depht : 3.7m ± 0.2m

d/D ratio : 0.039 ± 0.003

Circularity index : 0.94

Mean slope : 4.73°

Mean value of TRI on the rim crest : 0.32

Geometric center coordinates : (3658096.66421065, 219157.73089360565)

Coordinates of the crater's lowest point : (3658095.000001101, 219153.0000000646)

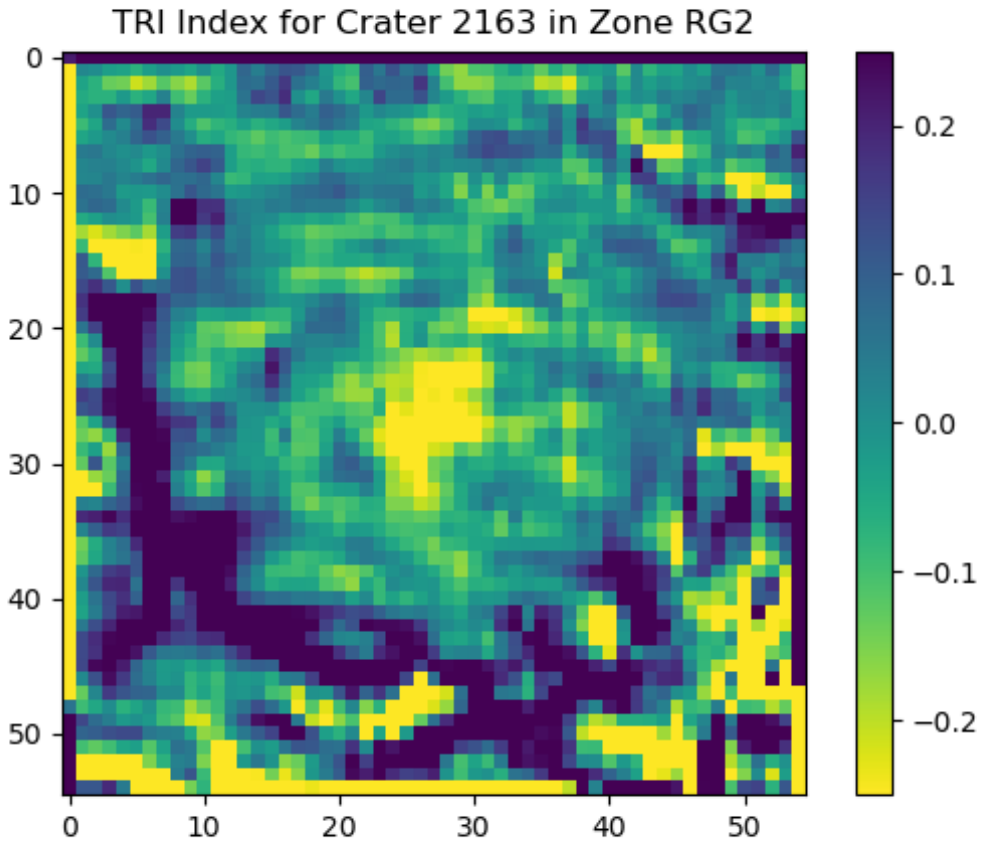
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	4.78	0.57
10°	4.5	0.54
20°	4.36	0.51
30°	4.3	0.48
40°	4.45	0.43
50°	4.64	0.43
60°	4.46	0.48
70°	4.26	0.51
80°	4.28	0.55
90°	4.55	0.57
100°	4.36	0.54
110°	4.23	0.52

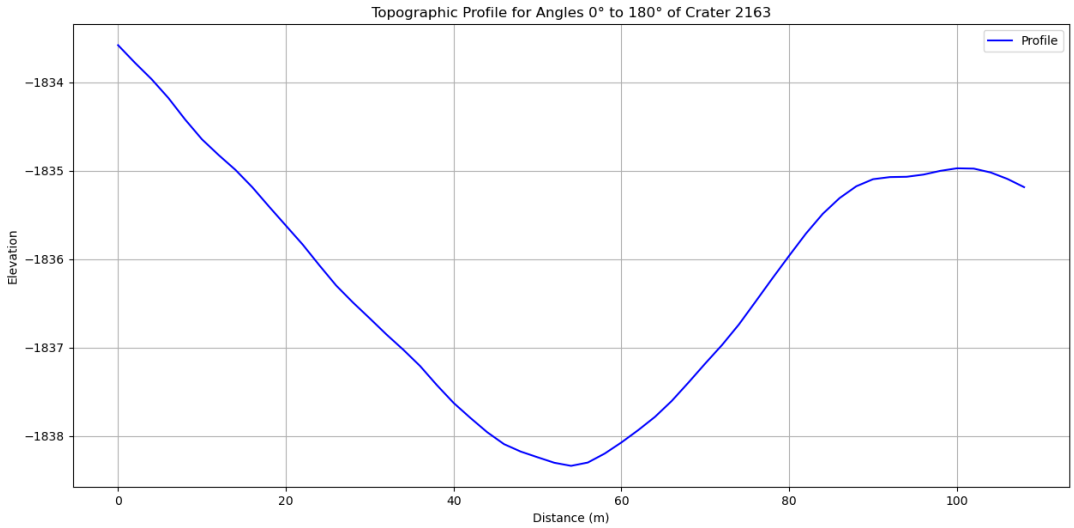
120°	4.42	0.48
130°	4.84	0.44
140°	5.02	0.44
150°	4.93	0.49
160°	4.94	0.52
170°	4.98	0.54
180°	5.36	0.57
190°	5.27	0.54
200°	5.03	0.51
210°	5.09	0.49
220°	5.25	0.43
230°	5.38	0.44
240°	5.45	0.48
250°	5.23	0.52
260°	5.16	0.54
270°	5.26	0.57
280°	4.64	0.54
290°	4.27	0.52
300°	4.28	0.48
310°	4.5	0.43
320°	4.42	0.43
330°	4.29	0.47
340°	4.47	0.52
350°	4.61	0.54

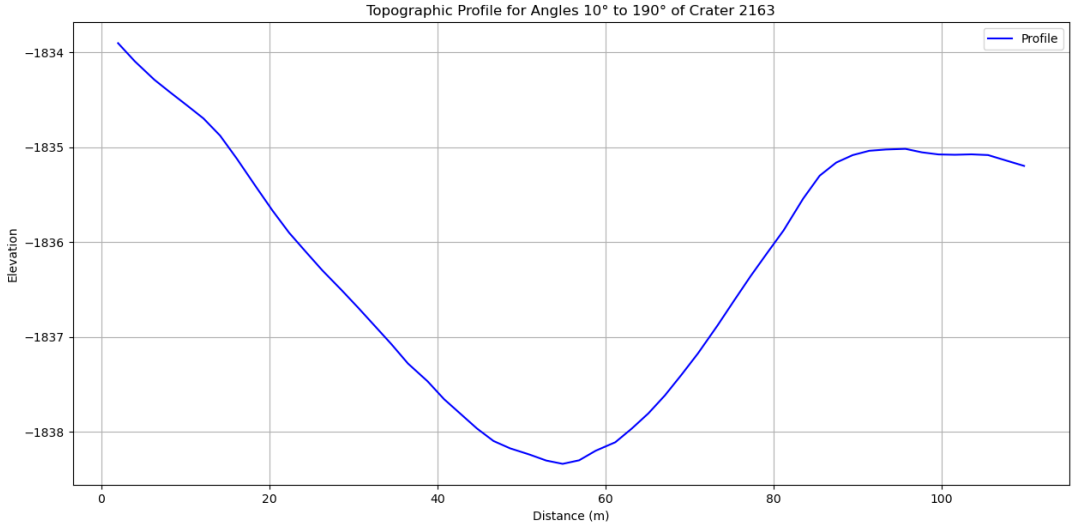
Topographic roughness index (TRI)

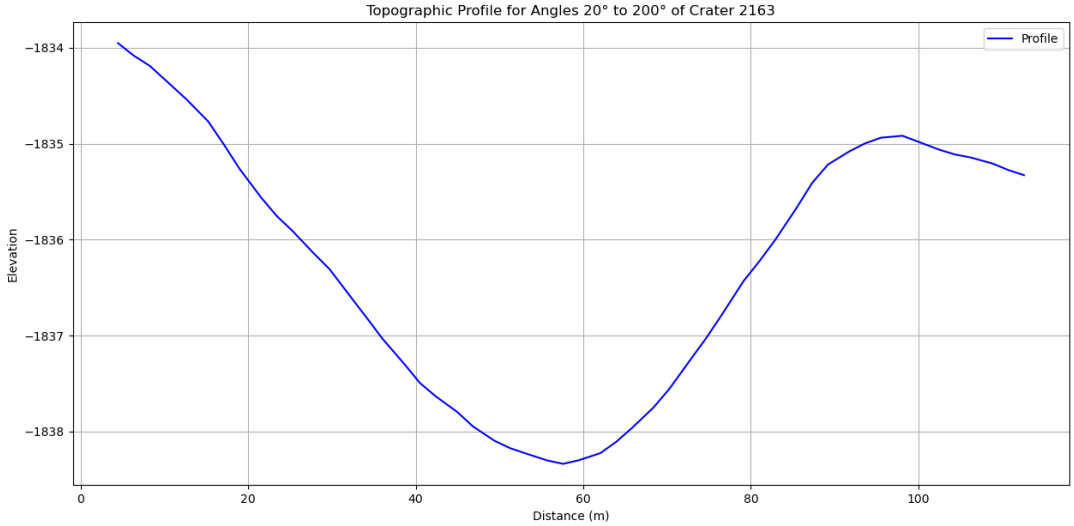
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

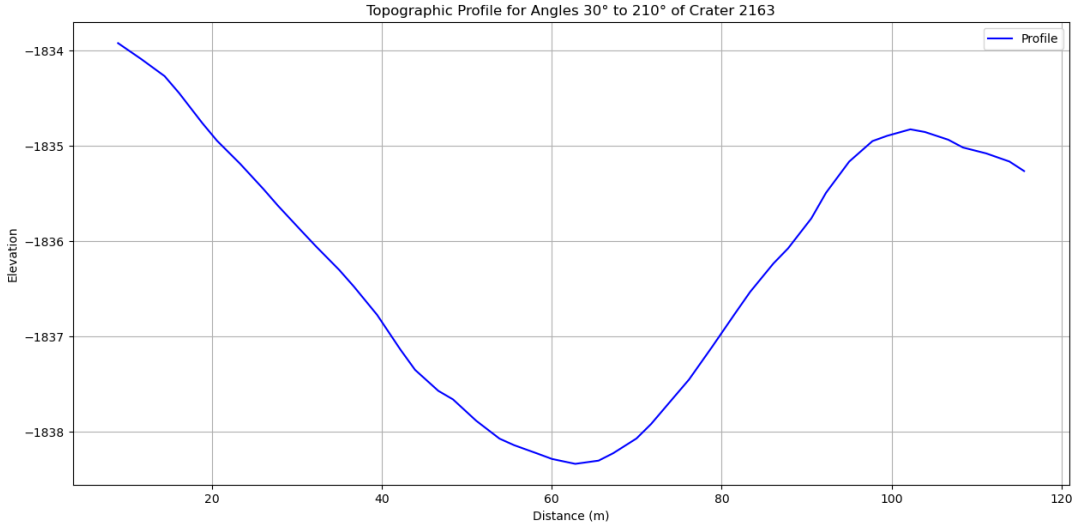


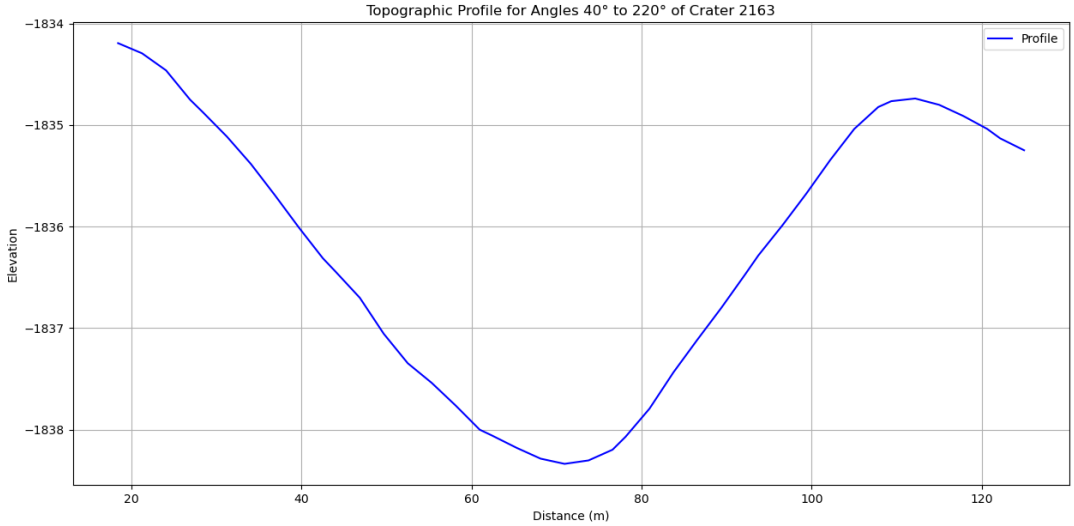
Topographic profiles

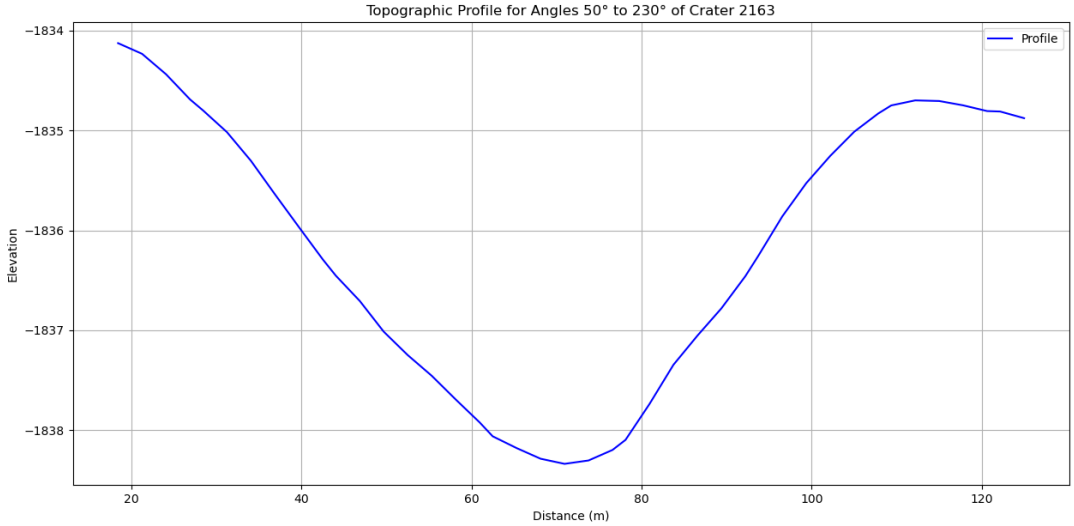


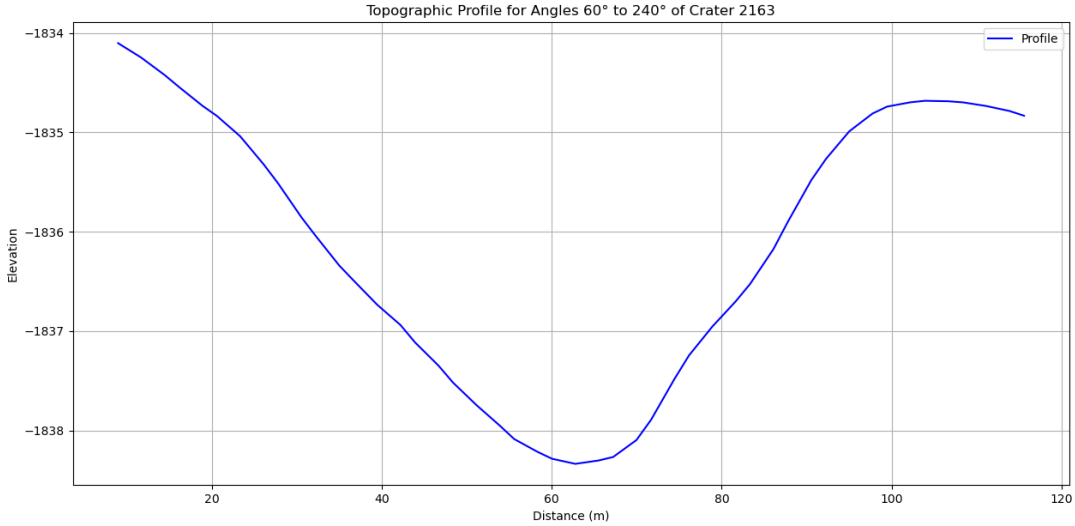

Topographic Profile for Angles 10° to 190° of Crater 2163
Profile
Elevation
−1834
−1835
−1836
−1837
−1838
0
20
40
60
80
100
Distance (m)

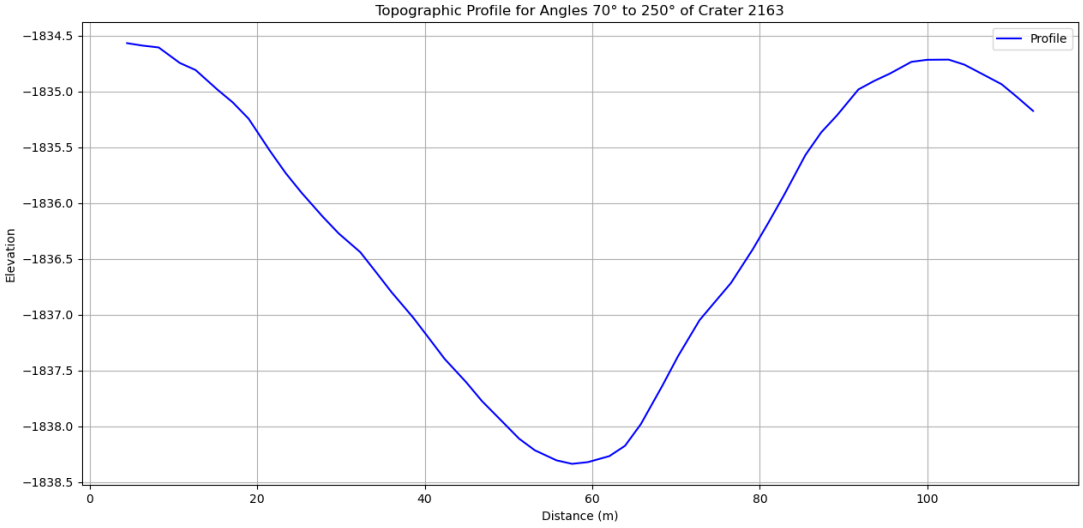

Topographic Profile for Angles 20° to 200° of Crater 2163
Profile
Elevation
−1834
−1835
−1836
−1837
−1838
0
20
40
60
80
100
Distance (m)

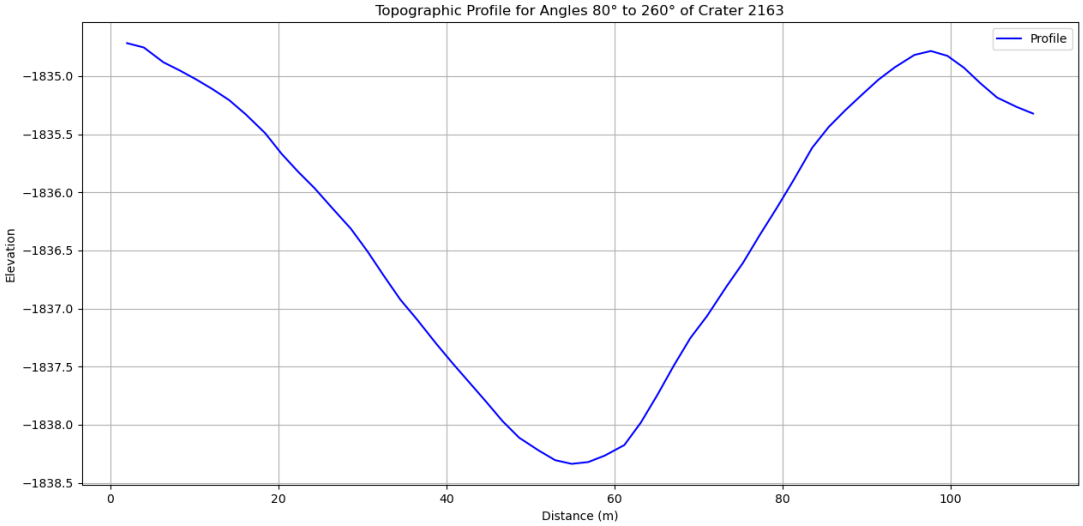

Topographic Profile for Angles 30° to 210° of Crater 2163
Profile
Elevation
−1834
−1835
−1836
−1837
−1838
20
40
60
80
100
120
Distance (m)

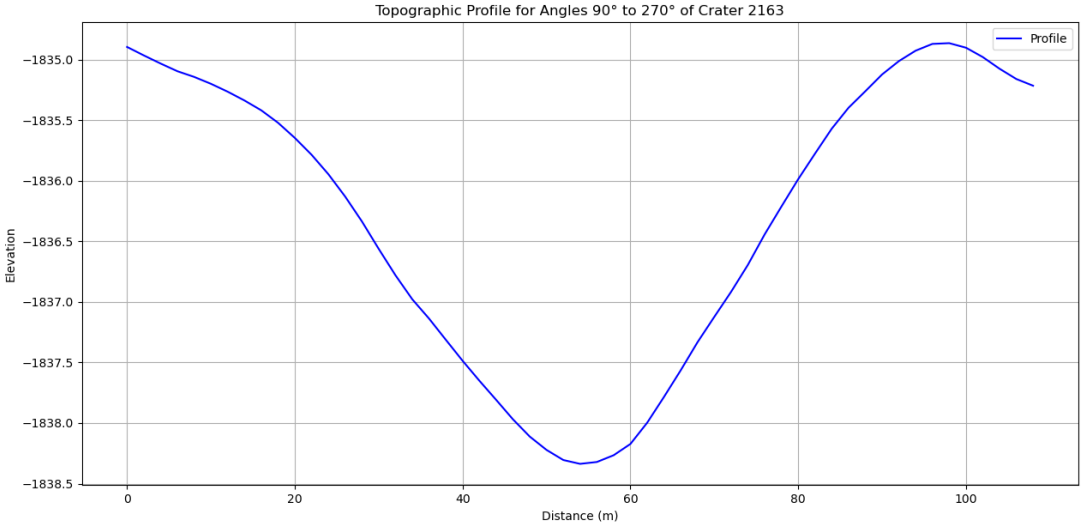

Topographic Profile for Angles 40° to 220° of Crater 2163
Profile
Elevation
−1834
−1835
−1836
−1837
−1838
20
40
60
80
100
120
Distance (m)

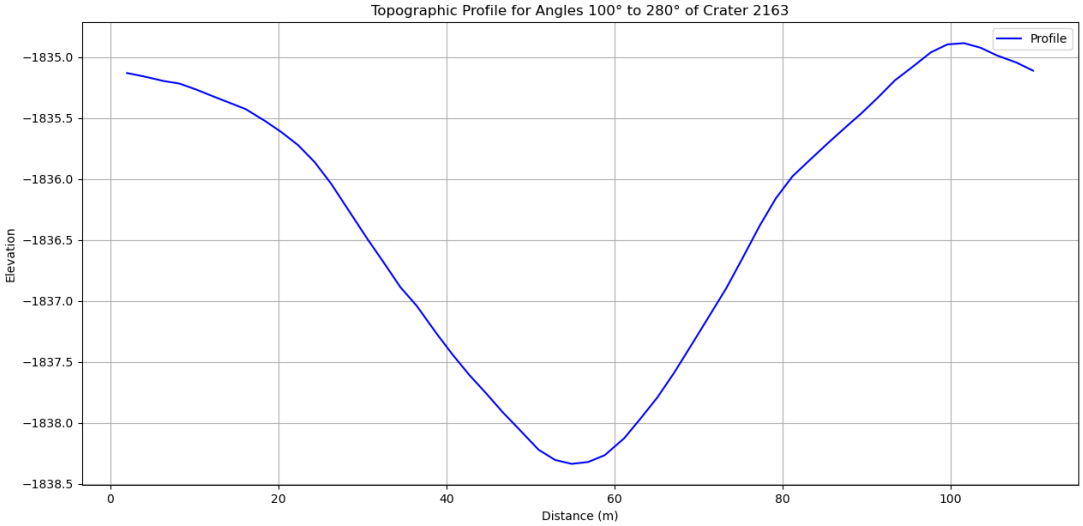

Topographic Profile for Angles 50° to 230° of Crater 2163
Profile
Elevation
Distance (m)
−1834
−1835
−1836
−1837
−1838
20
40
60
80
100
120

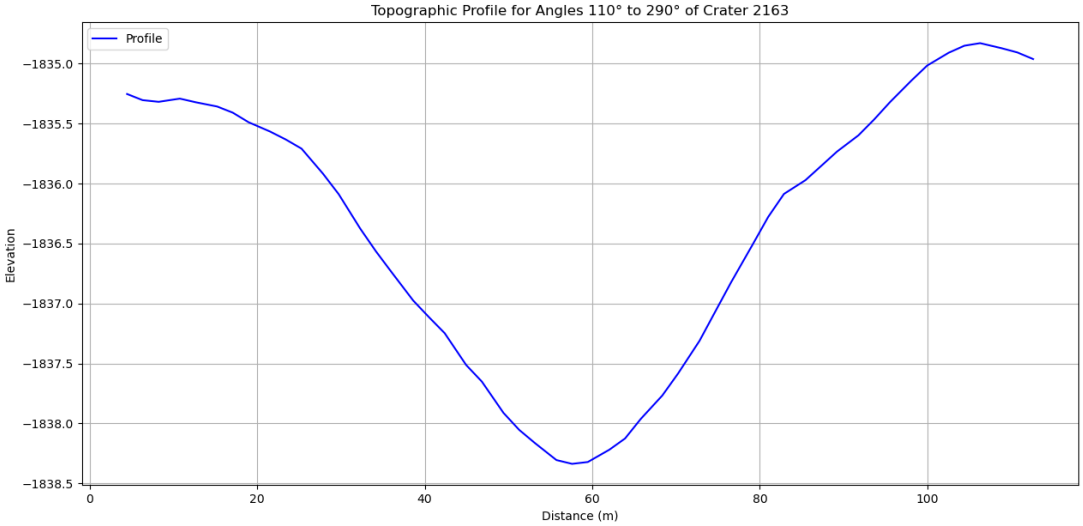

Topographic Profile for Angles 60° to 240° of Crater 2163
Profile
Elevation
Distance (m)
−1834
−1835
−1836
−1837
−1838
20
40
60
80
100
120

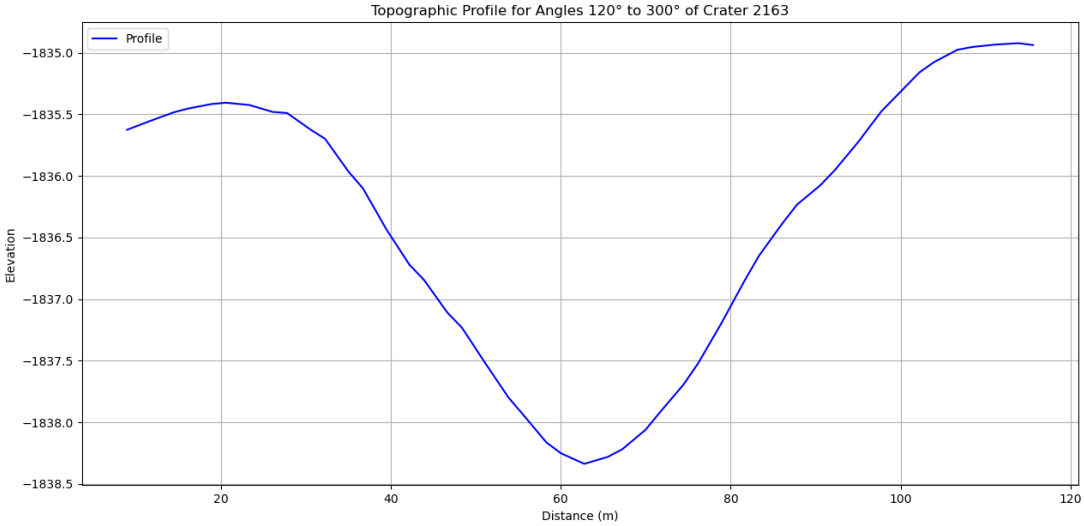

Topographic Profile for Angles 70° to 250° of Crater 2163
Profile
Elevation
Distance (m)
−1834.5
−1835.0
−1835.5
−1836.0
−1836.5
−1837.0
−1837.5
−1838.0
−1838.5
0
20
40
60
80
100

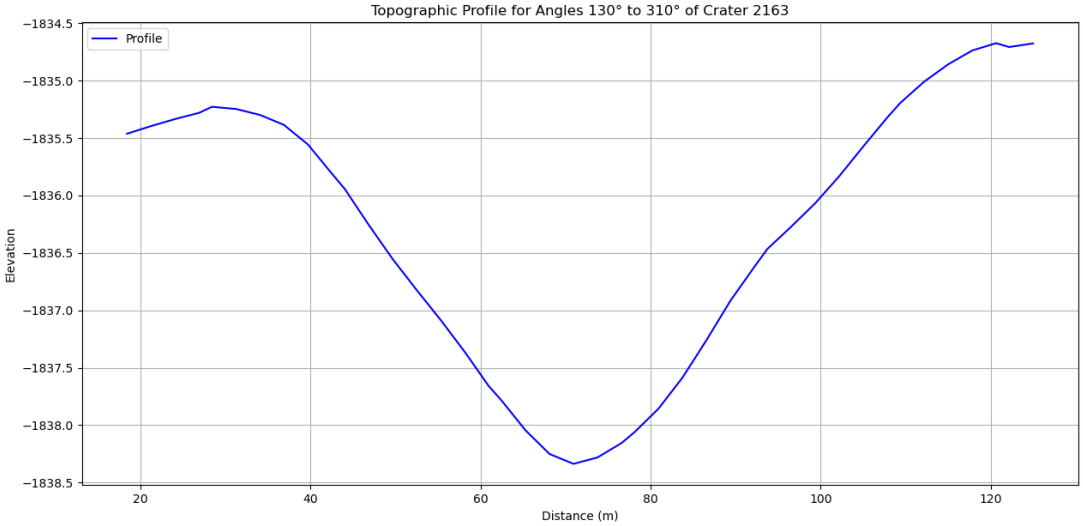

Topographic Profile for Angles 80° to 260° of Crater 2163
Profile
Elevation
Distance (m)
−1835.0
−1835.5
−1836.0
−1836.5
−1837.0
−1837.5
−1838.0
−1838.5
0
20
40
60
80
100

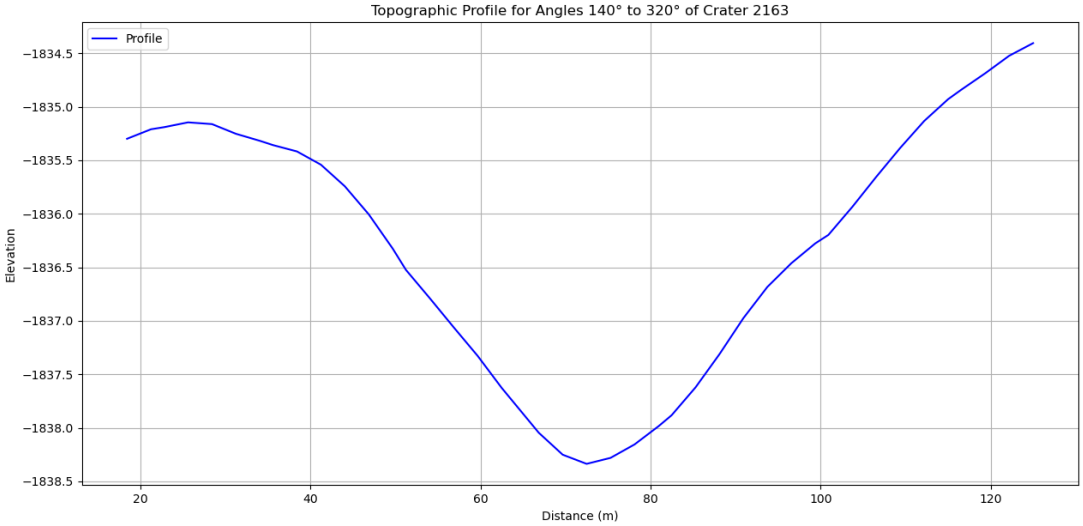

Topographic Profile for Angles 90° to 270° of Crater 2163
Profile
Elevation
Distance (m)
−1835.0
−1835.5
−1836.0
−1836.5
−1837.0
−1837.5
−1838.0
−1838.5
0
20
40
60
80
100

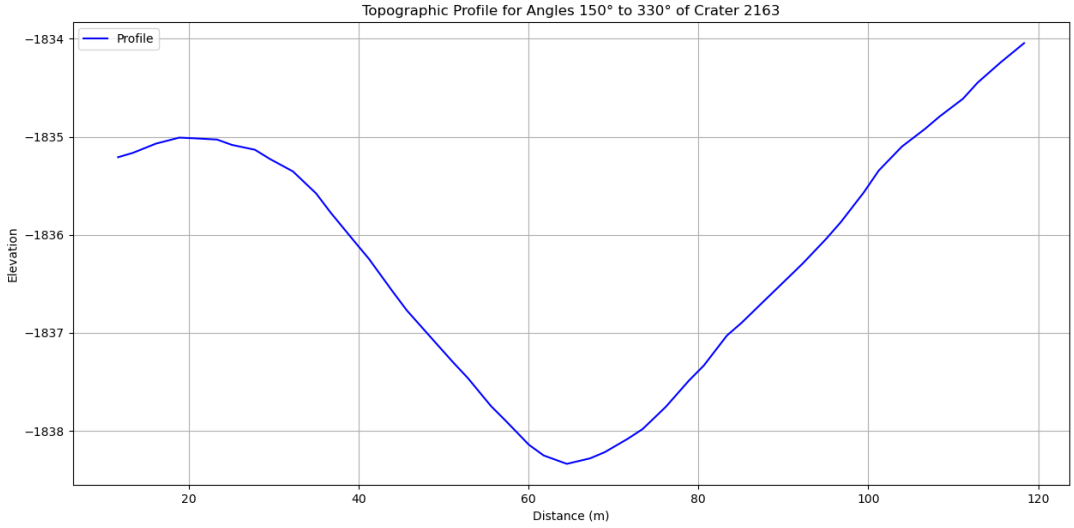

Topographic Profile for Angles 100° to 280° of Crater 2163
Profile
Elevation
Distance (m)
−1835.0
−1835.5
−1836.0
−1836.5
−1837.0
−1837.5
−1838.0
−1838.5
0
20
40
60
80
100

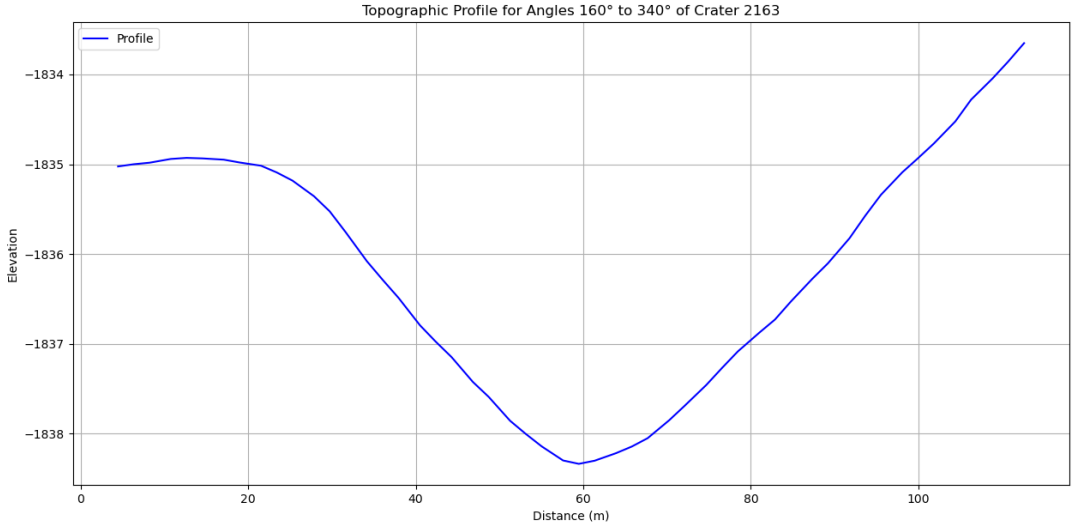

Topographic Profile for Angles 110° to 290° of Crater 2163
Profile
Elevation
Distance (m)
−1835.0
−1835.5
−1836.0
−1836.5
−1837.0
−1837.5
−1838.0
−1838.5
0
20
40
60
80
100

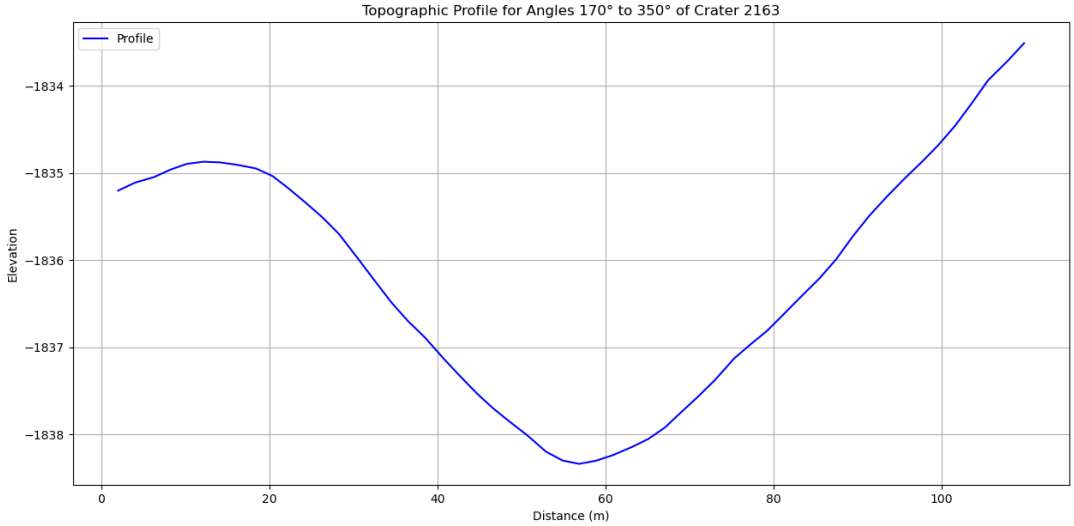

Topographic Profile for Angles 120° to 300° of Crater 2163
Profile
Elevation
Distance (m)
−1835.0
−1835.5
−1836.0
−1836.5
−1837.0
−1837.5
−1838.0
−1838.5
20
40
60
80
100
120


Topographic Profile for Angles 130° to 310° of Crater 2163
Profile
Elevation
Distance (m)
−1834.5
−1835.0
−1835.5
−1836.0
−1836.5
−1837.0
−1837.5
−1838.0
−1838.5
20
40
60
80
100
120


Topographic Profile for Angles 140° to 320° of Crater 2163
Profile
Elevation
Distance (m)
−1834.5
−1835.0
−1835.5
−1836.0
−1836.5
−1837.0
−1837.5
−1838.0
−1838.5
20
40
60
80
100
120


Topographic Profile for Angles 150° to 330° of Crater 2163
Profile
−1834
−1835
−1836
−1837
−1838
Elevation
20
40
60
80
100
120
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 2163
Profile
−1834
−1835
−1836
−1837
−1838
Elevation
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 2163
Profile
−1834
−1835
−1836
−1837
−1838
Elevation
0
20
40
60
80
100
Distance (m)