Crater report 2016 of RG2

General information

ID : 2016

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 128m ± 8.0m

Mean depht : 5.5m ± 0.6m

d/D ratio : 0.043 ± 0.005

Circularity index : 0.91

Slope : Between 1.7° et 9.38°

Mean value of TRI on the rim crest : 0.03

Geometric center coordinates : (3656477.4935557824, 219554.98889076654)

Coordinates of the crater's lowest point : (3656477.0000011004, 219549.00000006473)

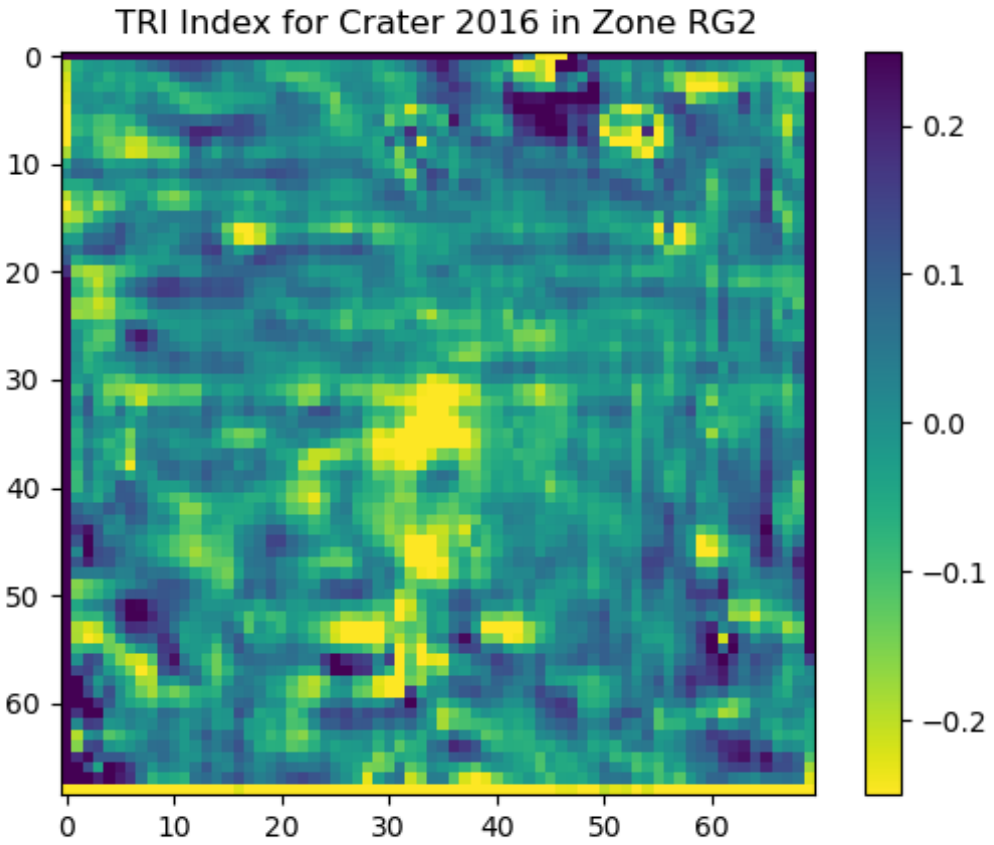
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	9.23	0.57
10°	9.38	0.54
20°	9.14	0.51
30°	8.71	0.47
40°	8.39	0.43
50°	7.34	0.43
60°	6.74	0.48
70°	6.56	0.51
80°	6.71	0.54
90°	7.03	0.57
100°	6.66	0.54
110°	6.28	0.51

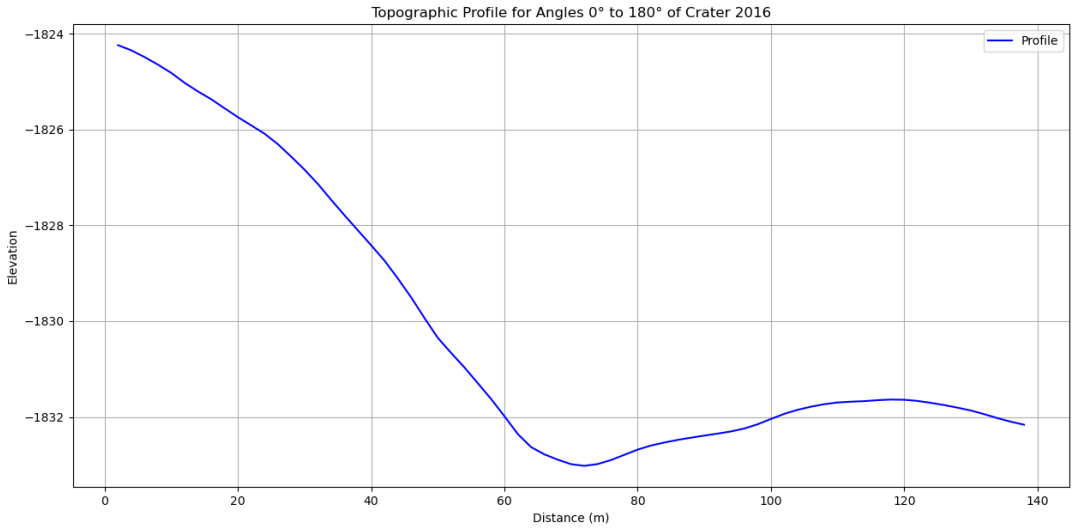
120°	6.07	0.48
130°	5.55	0.44
140°	4.85	0.42
150°	3.23	0.48
160°	2.31	0.52
170°	2.29	0.54
180°	2.04	0.57
190°	1.76	0.55
200°	1.7	0.5
210°	2.06	0.47
220°	2.72	0.43
230°	3.39	0.43
240°	3.69	0.47
250°	4.16	0.52
260°	4.96	0.54
270°	5.66	0.57
280°	6.04	0.54
290°	6.7	0.51
300°	7.3	0.48
310°	8.59	0.42
320°	7.48	0.43
330°	7.54	0.49
340°	7.72	0.52
350°	8.42	0.54

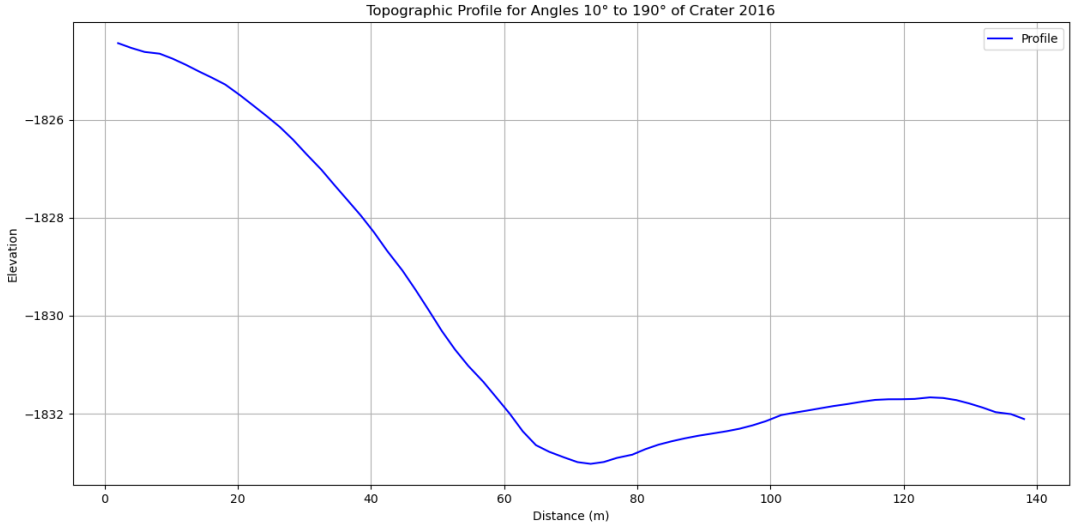
Topographic roughness index (TRI)

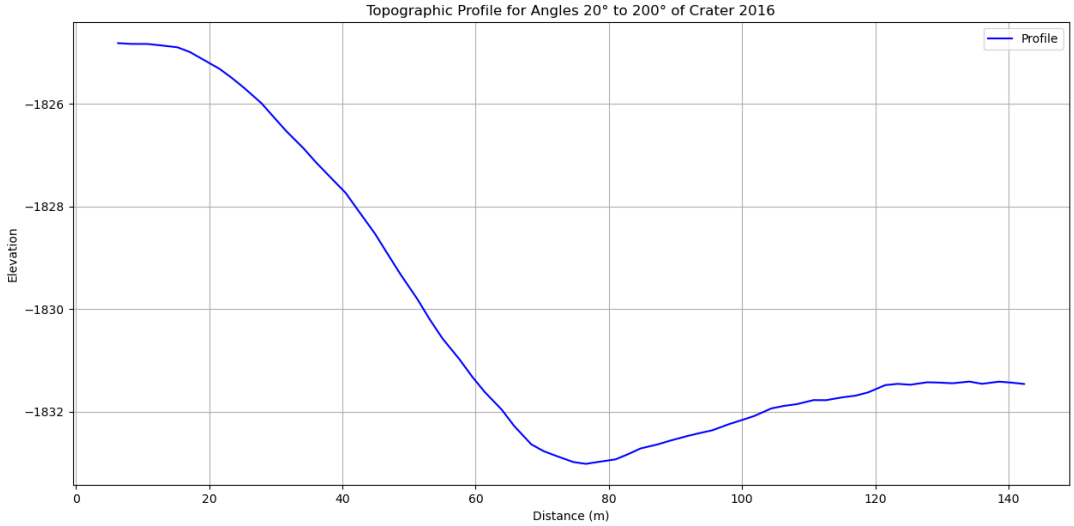
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

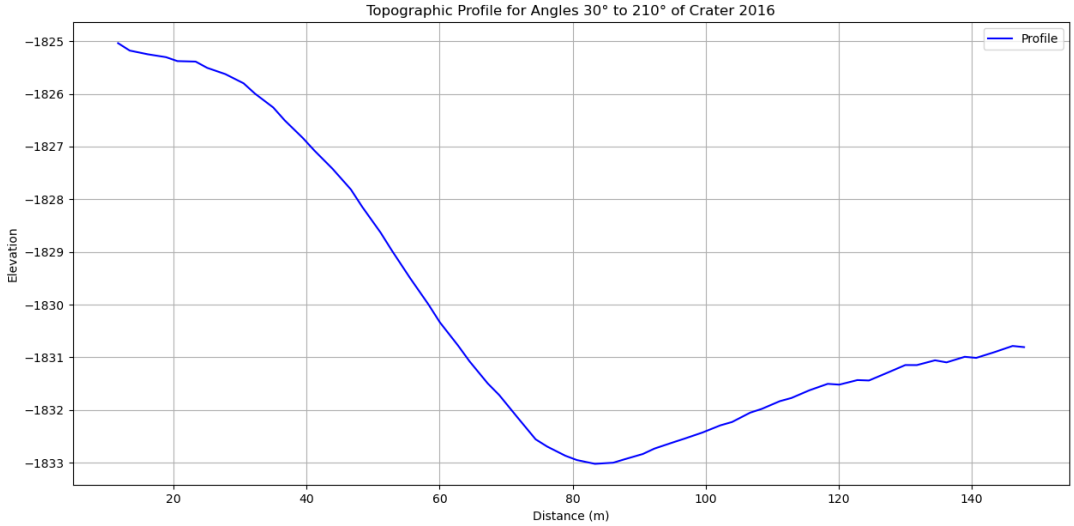


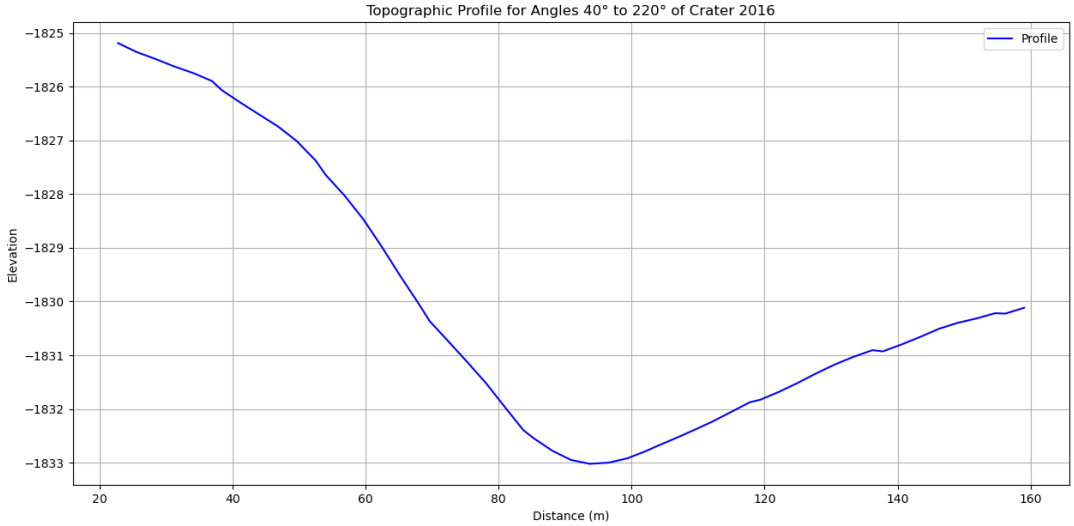
Topographic profiles

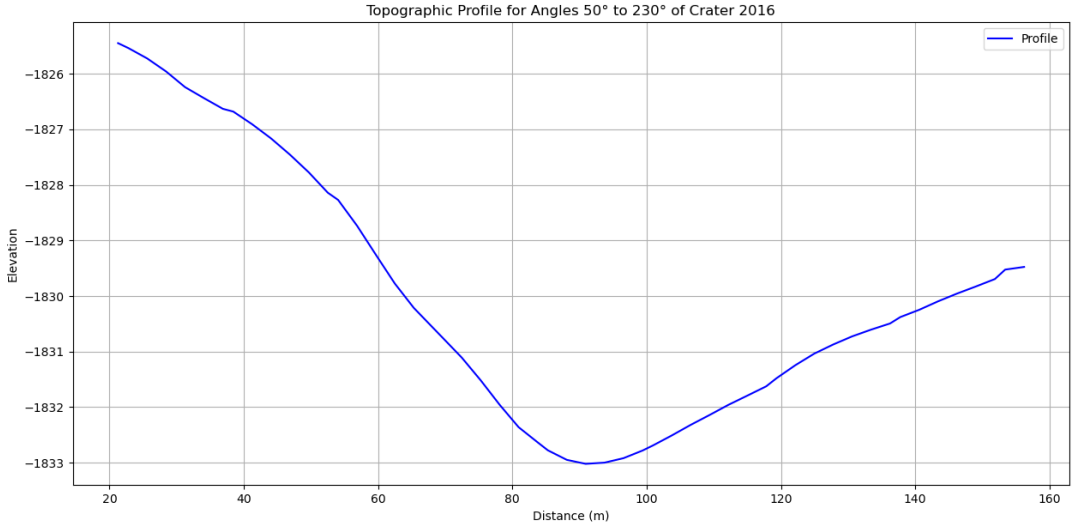


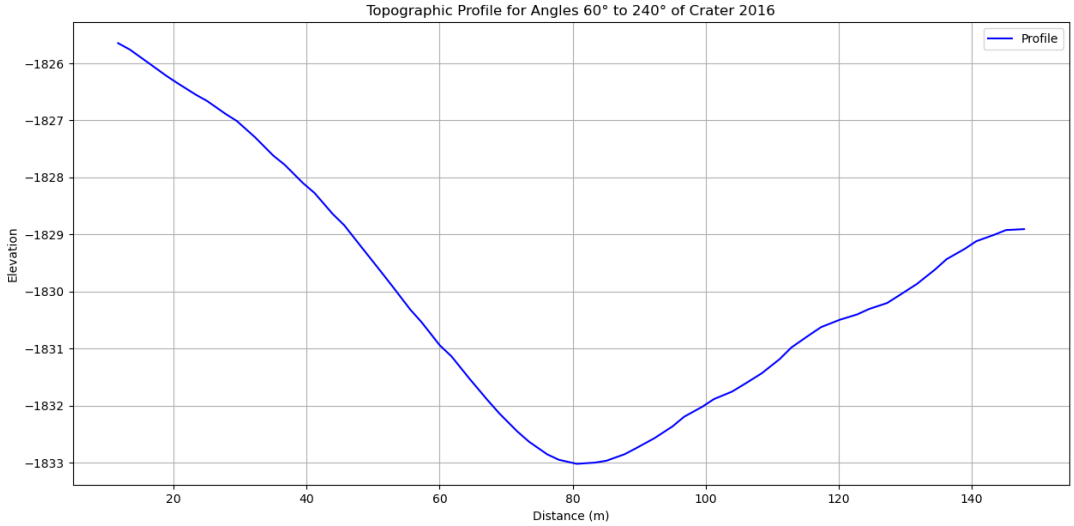

Topographic Profile for Angles 10° to 190° of Crater 2016
Profile
Elevation
−1826
−1828
−1830
−1832
0
20
40
60
80
100
120
140
Distance (m)

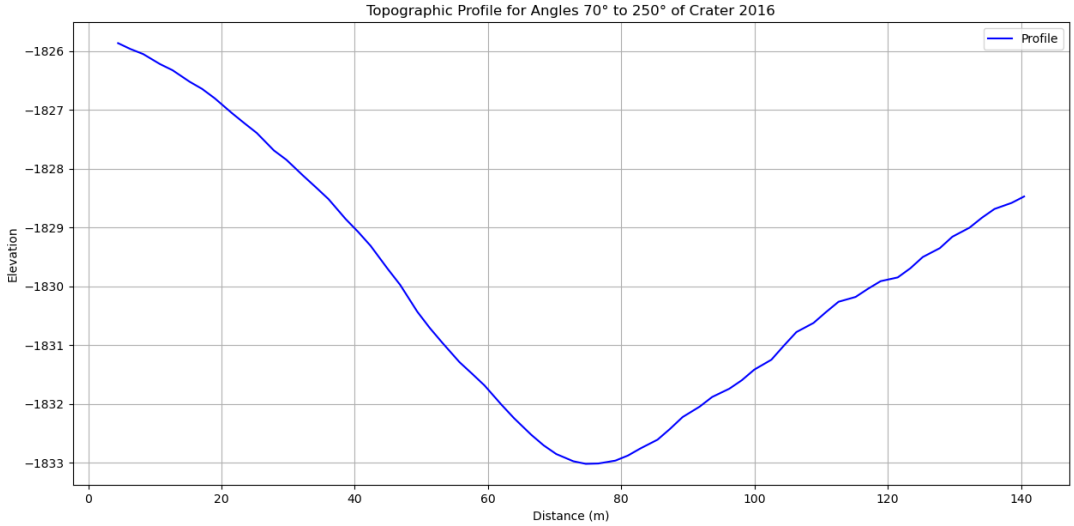

Topographic Profile for Angles 20° to 200° of Crater 2016
Profile
Elevation
−1826
−1828
−1830
−1832
0
20
40
60
80
100
120
140
Distance (m)

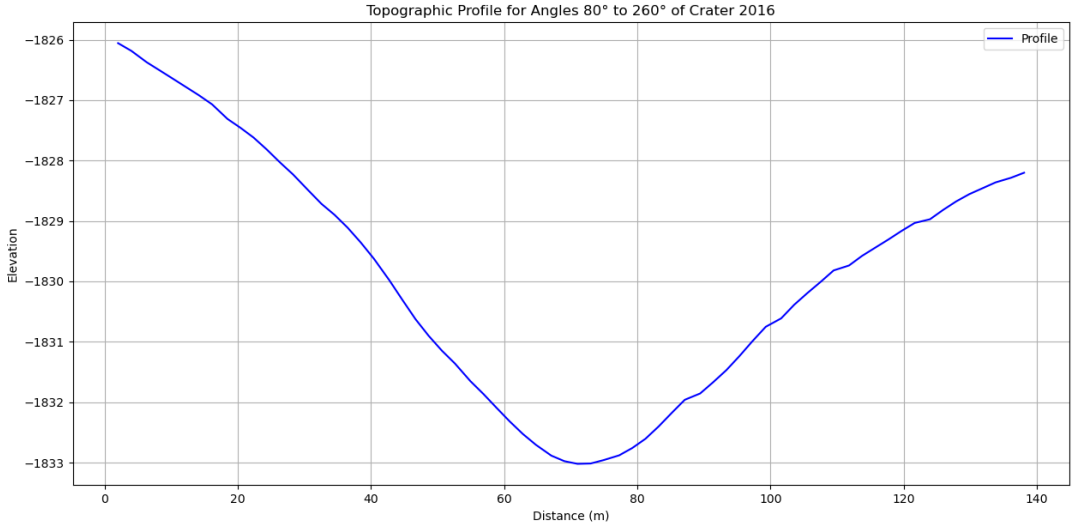

Topographic Profile for Angles 30° to 210° of Crater 2016
Profile
Elevation
Distance (m)
−1825
−1826
−1827
−1828
−1829
−1830
−1831
−1832
−1833
20
40
60
80
100
120
140

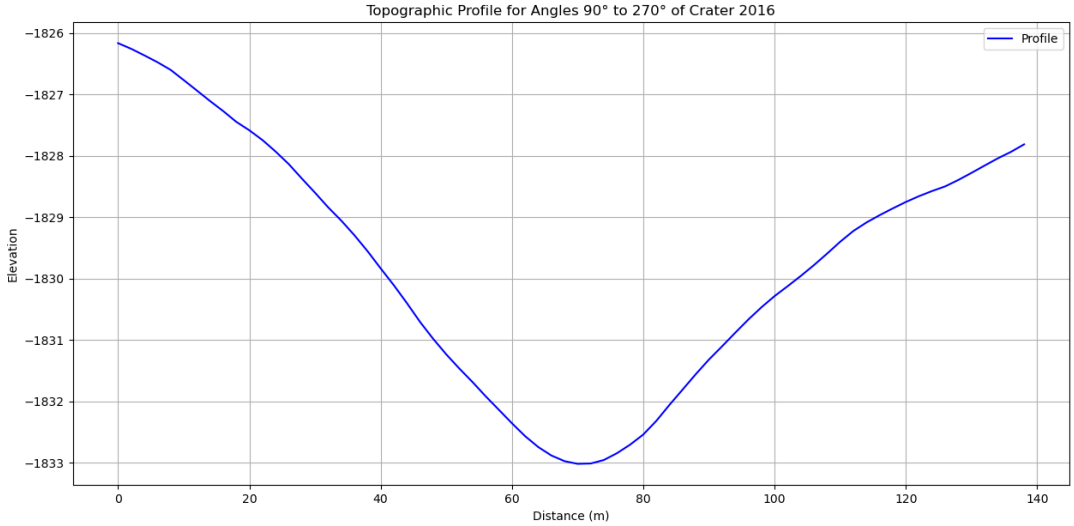

Topographic Profile for Angles 40° to 220° of Crater 2016
Profile
Elevation
Distance (m)
−1825
−1826
−1827
−1828
−1829
−1830
−1831
−1832
−1833
20
40
60
80
100
120
140
160

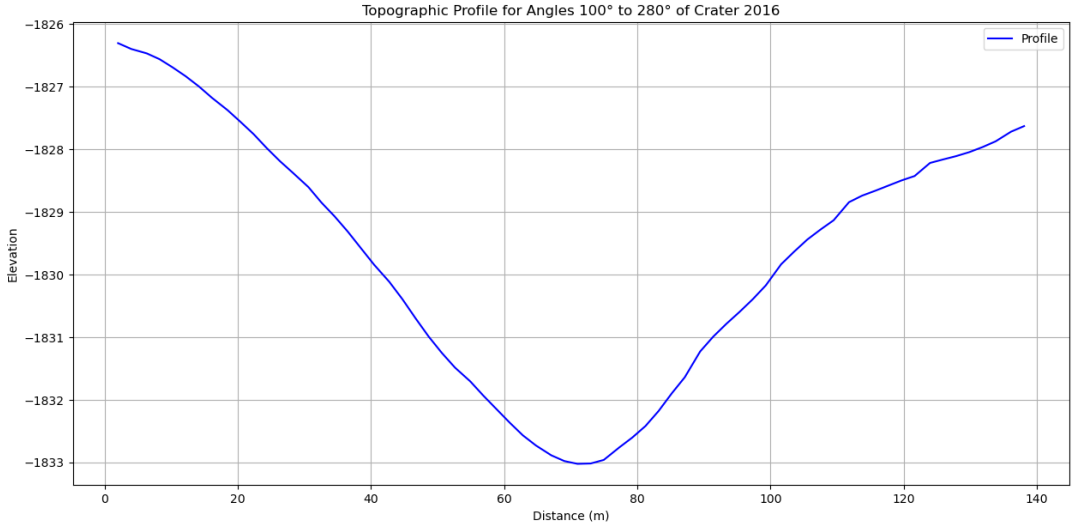

Topographic Profile for Angles 50° to 230° of Crater 2016
Profile
Elevation
−1826
−1827
−1828
−1829
−1830
−1831
−1832
−1833
20
40
60
80
100
120
140
160
Distance (m)

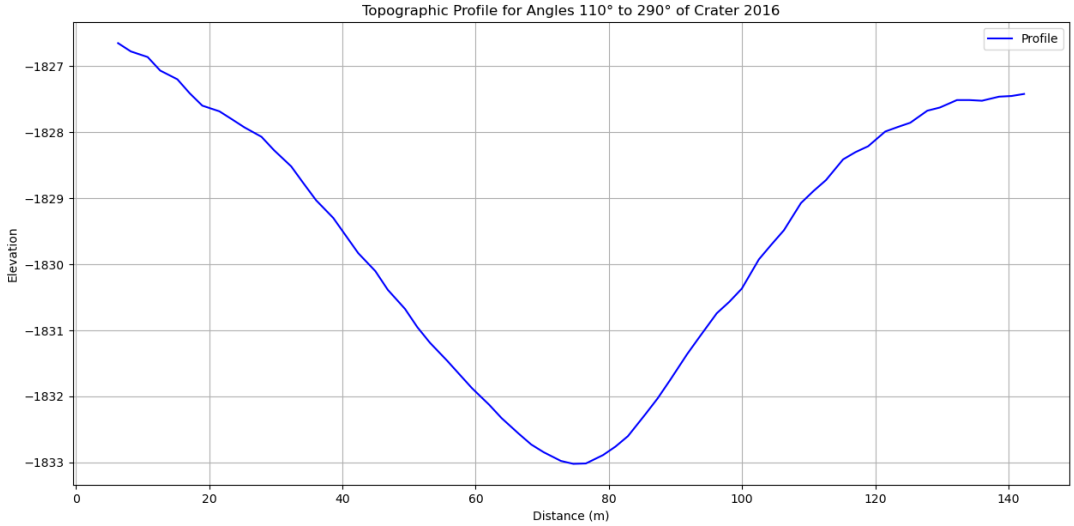

Topographic Profile for Angles 60° to 240° of Crater 2016
Profile
Elevation
−1826
−1827
−1828
−1829
−1830
−1831
−1832
−1833
20
40
60
80
100
120
140
Distance (m)


Topographic Profile for Angles 70° to 250° of Crater 2016
Profile
Elevation
−1826
−1827
−1828
−1829
−1830
−1831
−1832
−1833
0
20
40
60
80
100
120
140
Distance (m)


Topographic Profile for Angles 80° to 260° of Crater 2016
Profile
Elevation
−1826
−1827
−1828
−1829
−1830
−1831
−1832
−1833
0
20
40
60
80
100
120
140
Distance (m)


Topographic Profile for Angles 90° to 270° of Crater 2016
Profile
Elevation
Distance (m)
−1826
−1827
−1828
−1829
−1830
−1831
−1832
−1833
0
20
40
60
80
100
120
140


Topographic Profile for Angles 100° to 280° of Crater 2016
Profile
Elevation
Distance (m)
−1826
−1827
−1828
−1829
−1830
−1831
−1832
−1833
0
20
40
60
80
100
120
140


Topographic Profile for Angles 110° to 290° of Crater 2016
Profile
Elevation
−1827
−1828
−1829
−1830
−1831
−1832
−1833
0
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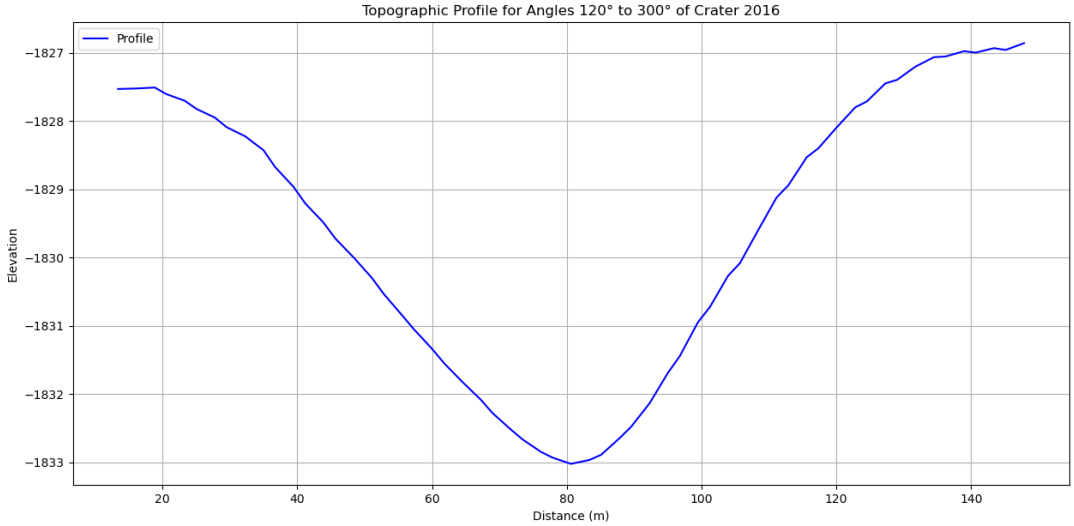
60
80
100
120
140
Distance (m)


Topographic Profile for Angles 120° to 300° of Crater 2016
Profile
Elevation
−1827
−1828
−1829
−1830
−1831
−1832
−1833
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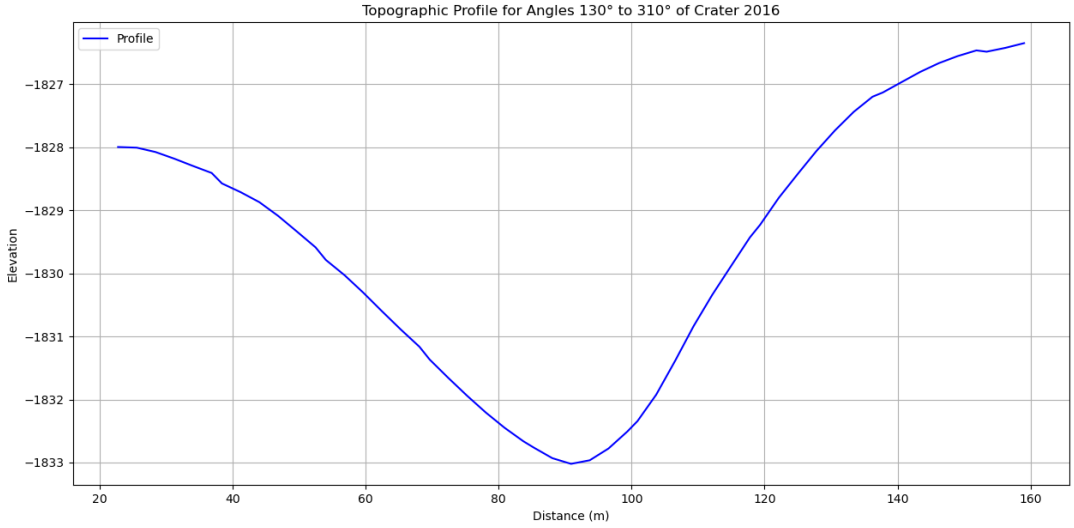
40
60
80
100
120
140
Distance (m)


Topographic Profile for Angles 130° to 310° of Crater 2016
Profile
Elevation
Distance (m)
−1827
−1828
−1829
−1830
−1831
−1832
−1833
20
40
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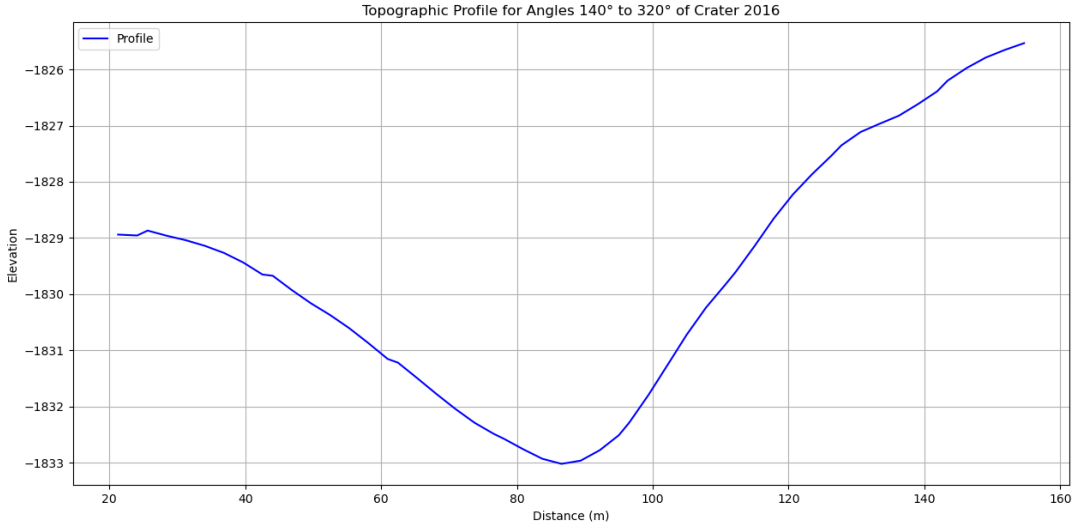
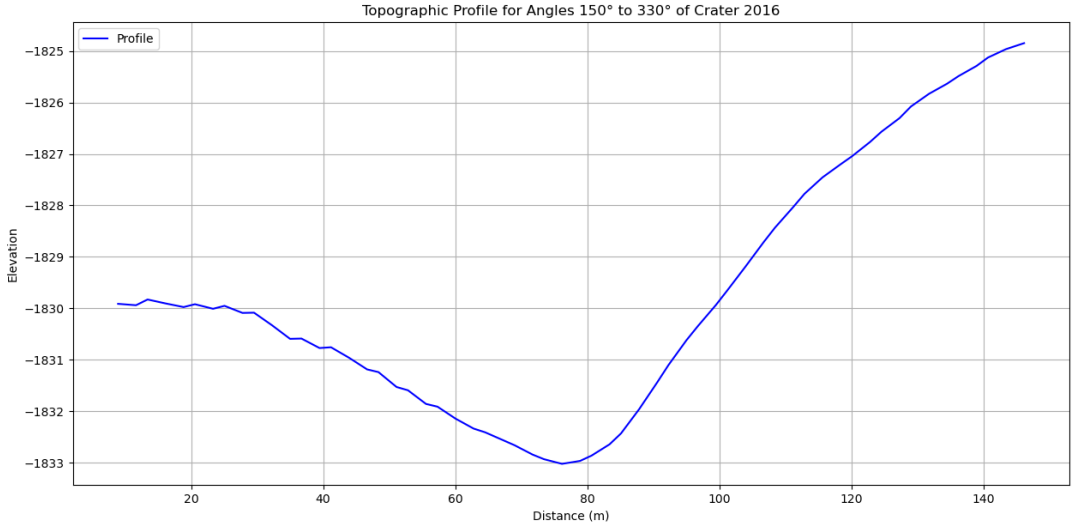
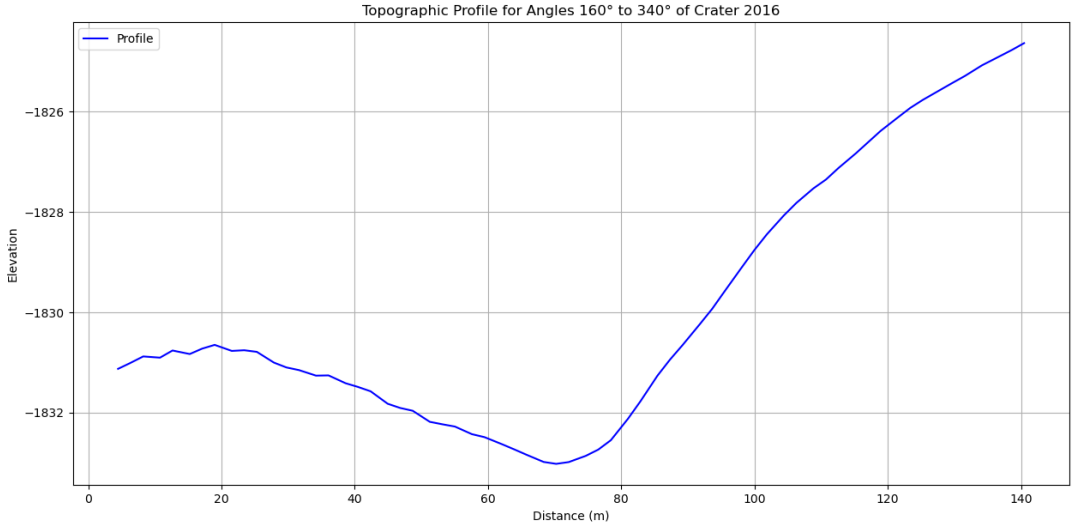
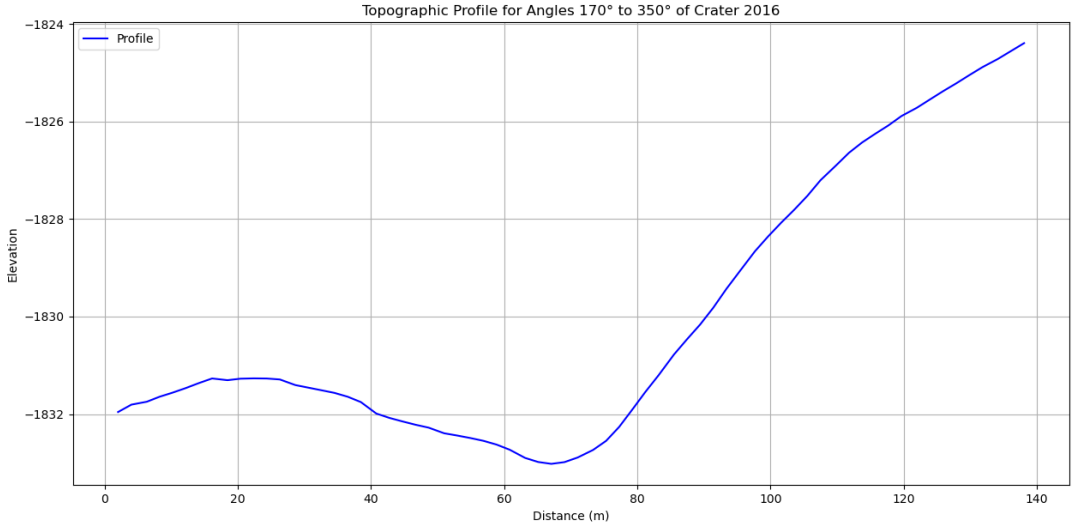
80
100
120
140
160


Topographic Profile for Angles 140° to 320° of Crater 2016
Profile
Elevation
Distance (m)
−1826
−1827
−1828
−1829
−1830
−1831
−1832
−1833
20
40
60
80
100
120
140
160


Topographic Profile for Angles 150° to 330° of Crater 2016
Profile
Elevation
−1825
−1826
−1827
−1828
−1829
−1830
−1831
−1832
−1833
20
40
60
80
100
120
140
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 2016
Profile
Elevation
−1826
−1828
−1830
−1832
0
20
40
60
80
100
120
140
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 2016
Profile
Elevation
−1824
−1826
−1828
−1830
−1832
0
20
40
60
80
100
120
140
Distance (m)