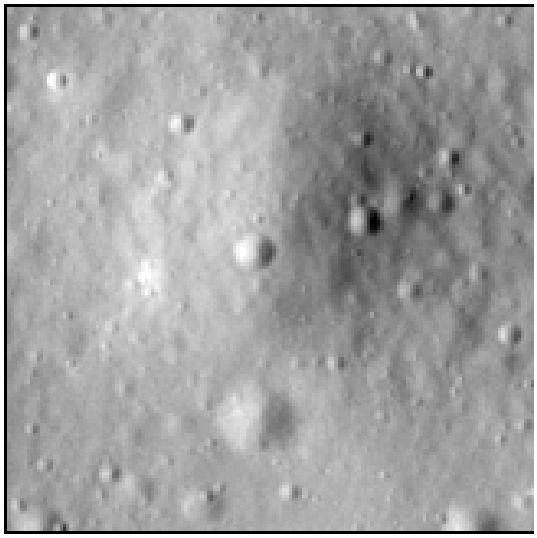
Crater report 2224 of RG2

General information



ID : 2224

Study area : RG2

Swirl : on-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 86m ± 4.0m

Mean depht : 5.8m ± 0.3m

d/D ratio : 0.067 ± 0.005

Circularity index : 0.96

Slope : Between 6.89° et 12.06°

Mean value of TRI on the rim crest : 0.08

Geometric center coordinates : (3658090.759919517, 221033.20908057803)

Coordinates of the crater's lowest point : (3658093.000001101, 221043.0000000652)

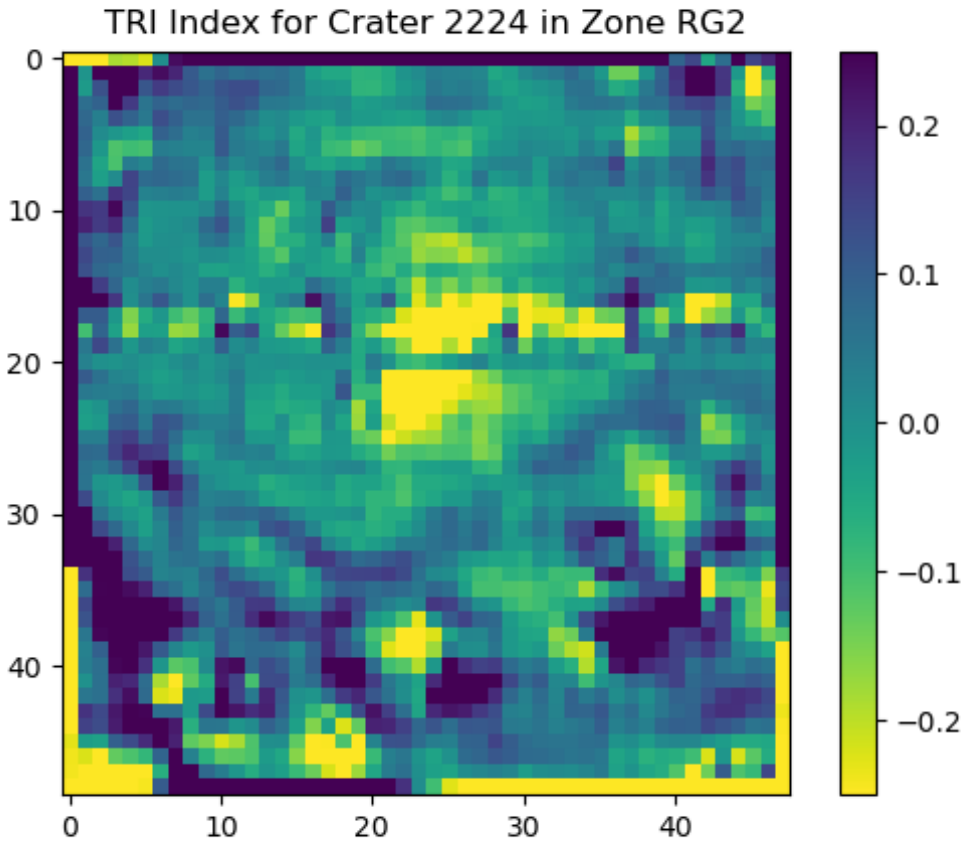
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	9.97	0.57
10°	9.75	0.55
20°	9.75	0.51
30°	9.71	0.47
40°	10.19	0.43
50°	10.9	0.4
60°	9.64	0.47
70°	9.81	0.51
80°	9.13	0.54
90°	8.94	0.57
100°	7.9	0.54
110°	7.51	0.52

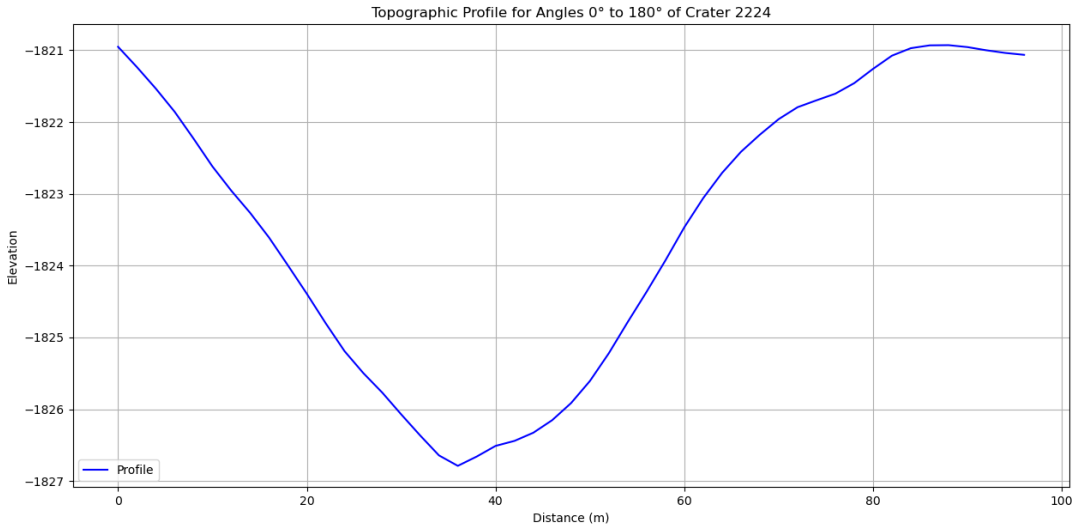
120°	6.89	0.46
130°	7.49	0.43
140°	7.98	0.43
150°	8.04	0.48
160°	8.33	0.51
170°	8.45	0.54
180°	10.78	0.57
190°	11.48	0.54
200°	12.06	0.51
210°	11.7	0.46
220°	11.85	0.42
230°	11.02	0.42
240°	10.49	0.49
250°	10.14	0.51
260°	10.09	0.54
270°	10.0	0.57
280°	9.34	0.54
290°	9.1	0.51
300°	9.11	0.49
310°	9.32	0.45
320°	9.09	0.45
330°	9.12	0.49
340°	9.1	0.5
350°	9.32	0.55

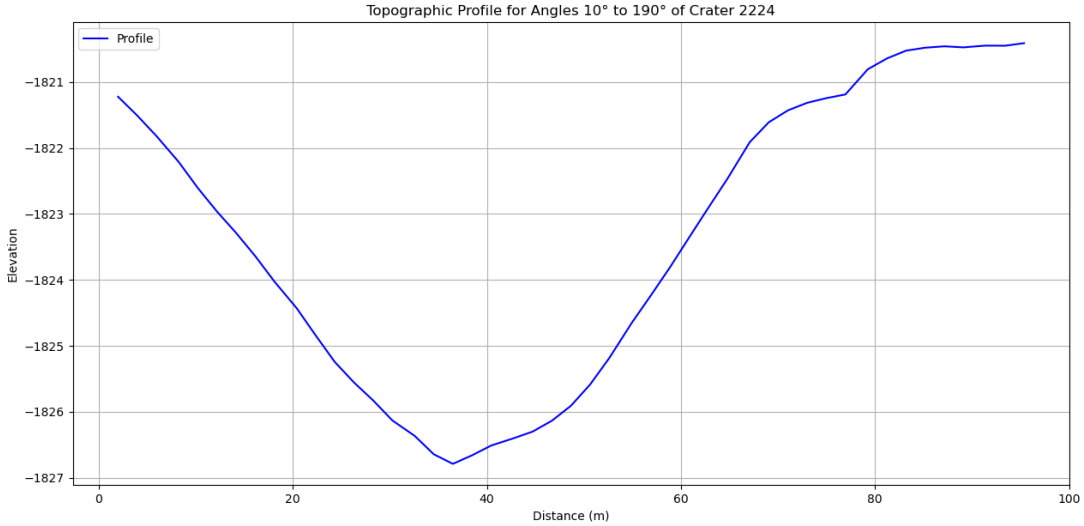
Topographic roughness index (TRI)

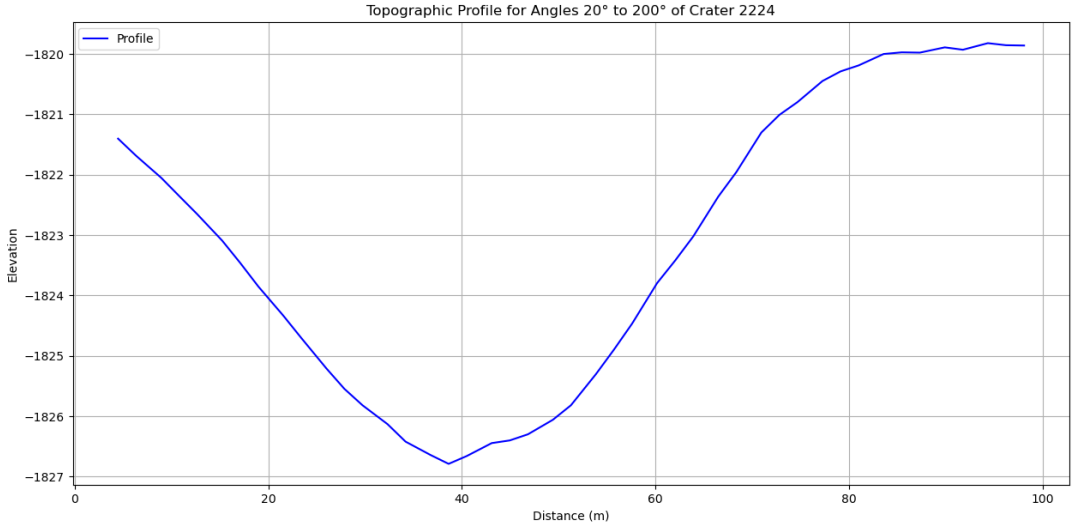
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

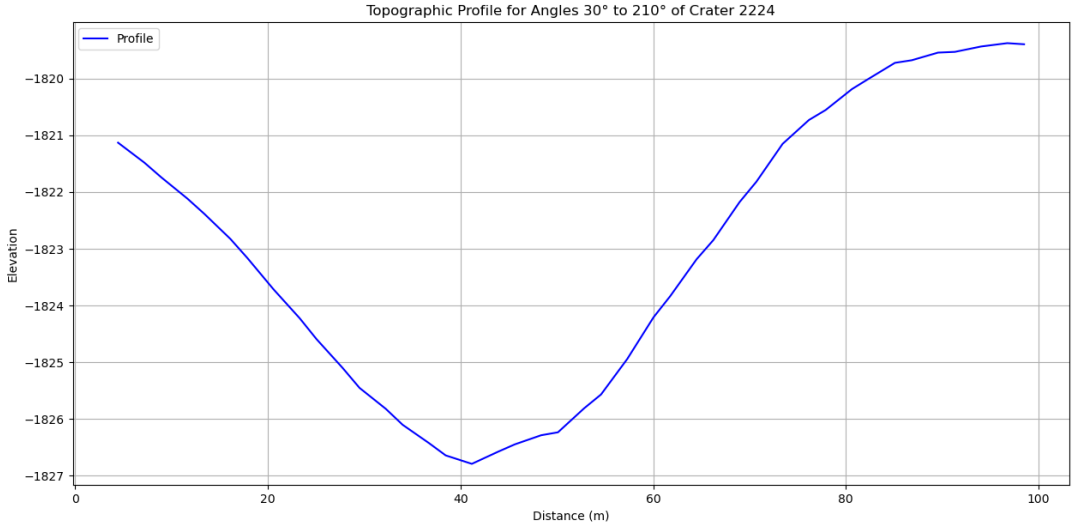


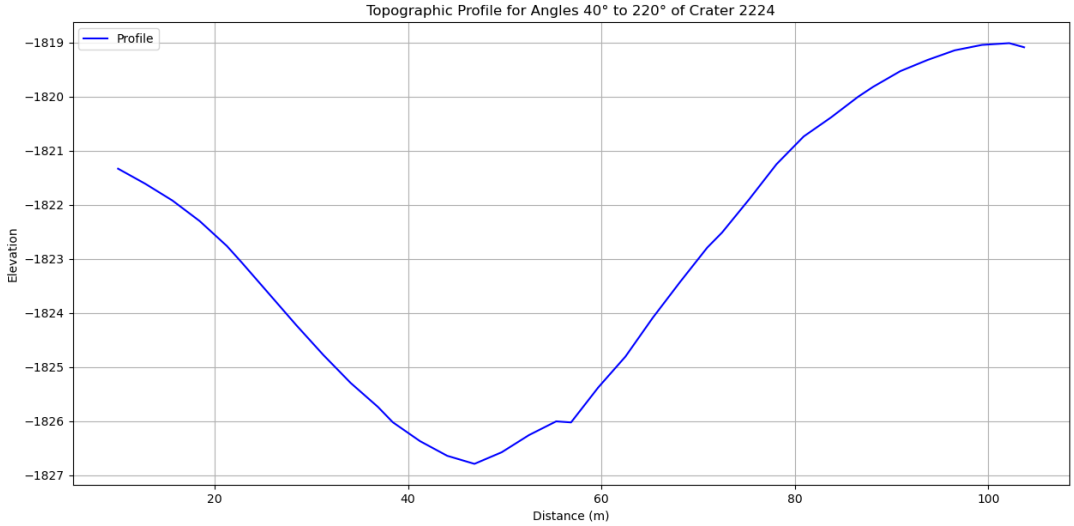
Topographic profiles

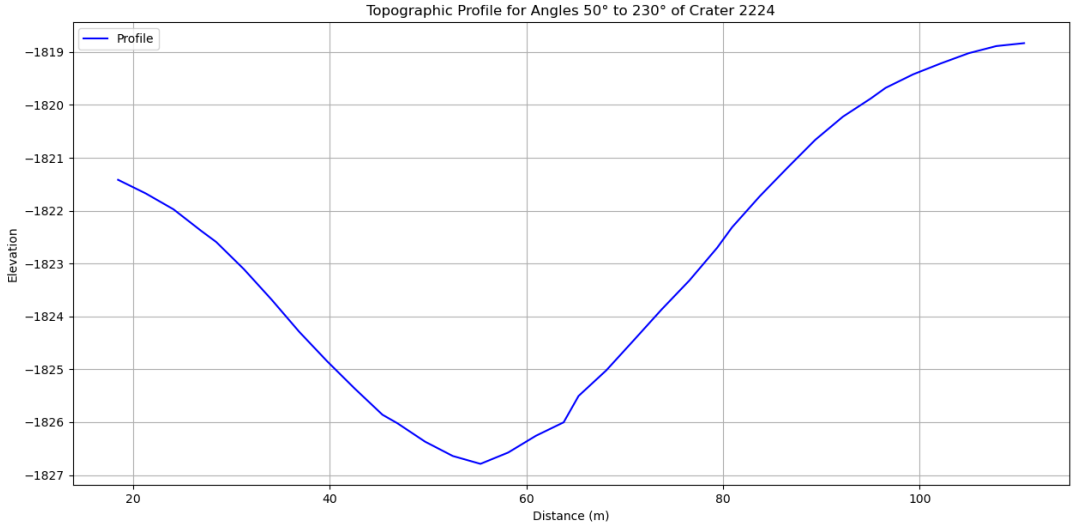



Topographic Profile for Angles 10° to 190° of Crater 2224
Profile
Elevation
−1821
−1822
−1823
−1824
−1825
−1826
−1827
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 2224
Profile
Elevation
−1820
−1821
−1822
−1823
−1824
−1825
−1826
−1827
0
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 2224
Profile
Elevation
Distance (m)
−1820
−1821
−1822
−1823
−1824
−1825
−1826
−1827
0
20
40
60
80
100


Topographic Profile for Angles 40° to 220° of Crater 2224
Profile
Elevation
Distance (m)
−1819
−1820
−1821
−1822
−1823
−1824
−1825
−1826
−1827
20
40
60
80
100


Topographic Profile for Angles 50° to 230° of Crater 2224
Profile
Elevation
Distance (m)
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−1820
−1821
−1822
−1823
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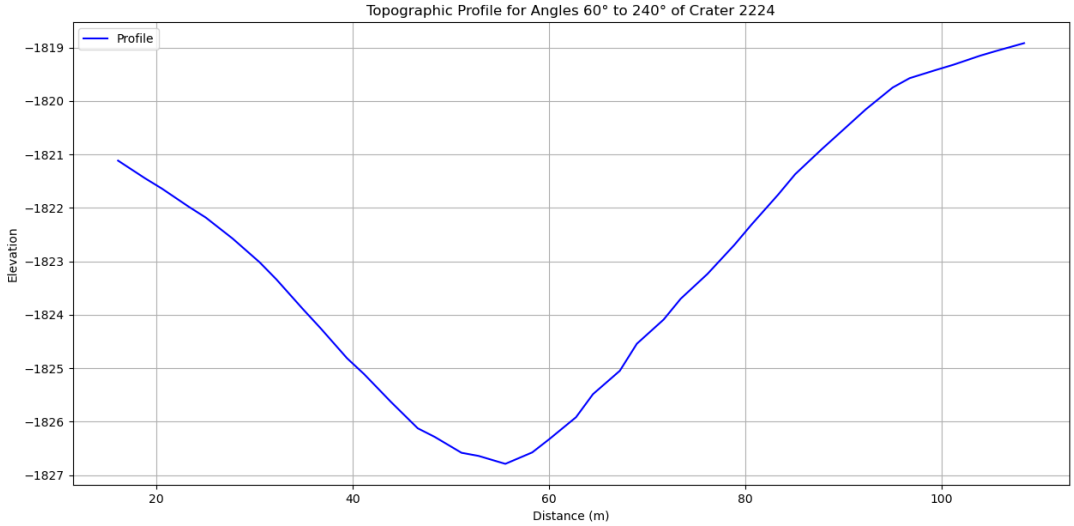
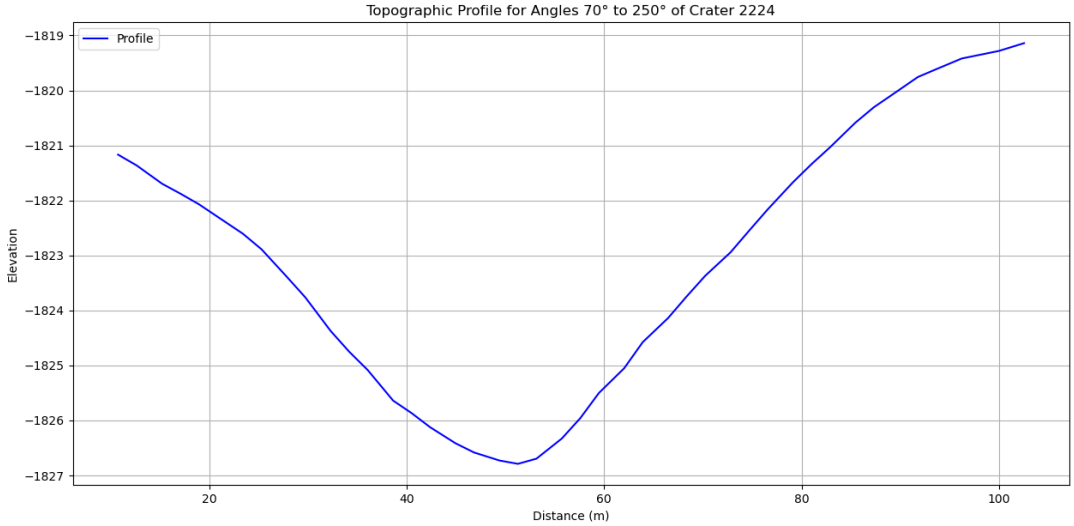
−1825
−1826
−1827
20
40
60
80
100


Topographic Profile for Angles 60° to 240° of Crater 2224
Profile
Elevation
Distance (m)
−1819
−1820
−1821
−1822
−1823
−1824
−1825
−1826
−1827
20
40
60
80
100


Topographic Profile for Angles 70° to 250° of Crater 2224
Profile
Elevation
Distance (m)
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−1820
−1821
−1822
−1823
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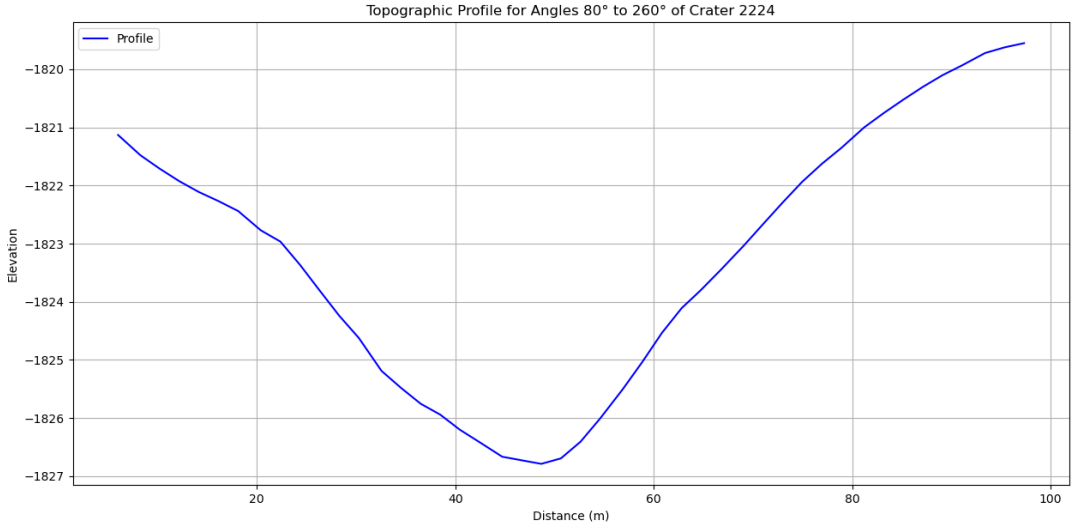
−1825
−1826
−1827
20
40
60
80
100


Topographic Profile for Angles 80° to 260° of Crater 2224
Profile
Elevation
Distance (m)
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−1821
−1822
−1823
−1824
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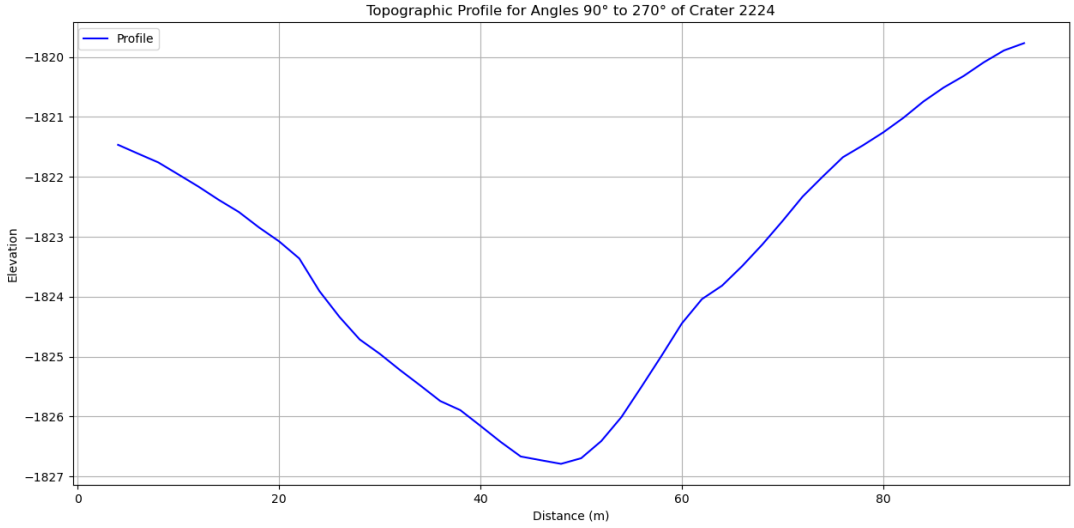
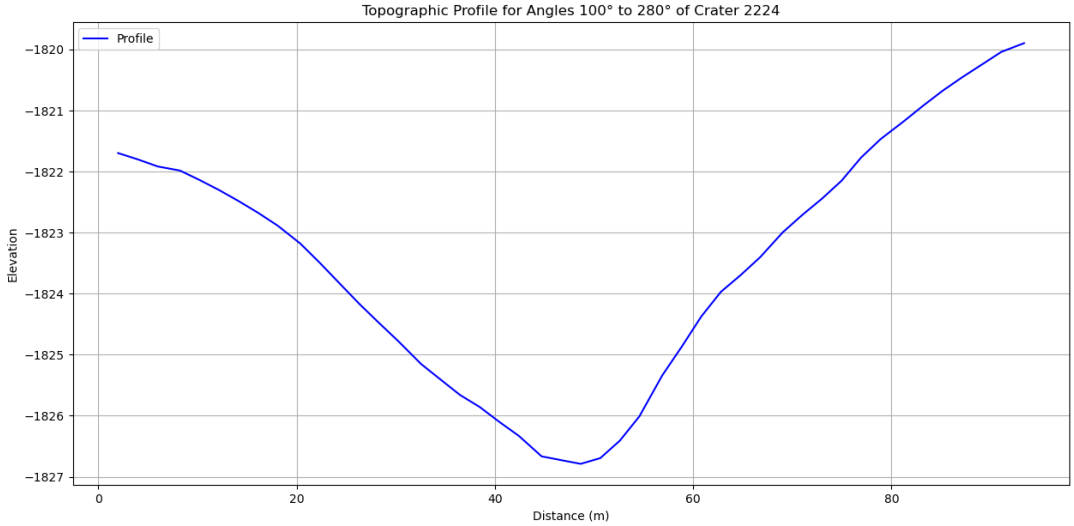
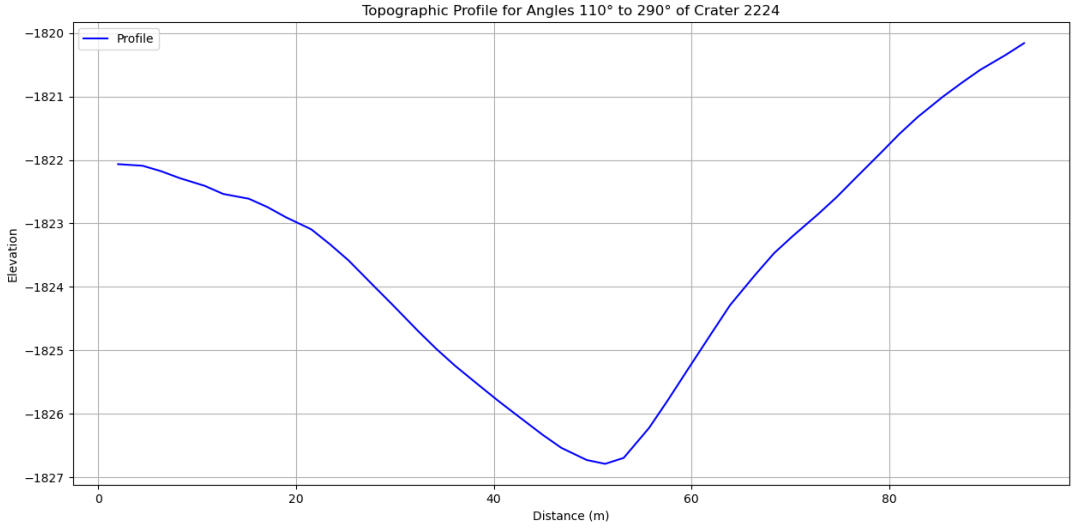
−1826
−1827
20
40
60
80
100


Topographic Profile for Angles 90° to 270° of Crater 2224
Profile
Elevation
−1820
−1821
−1822
−1823
−1824
−1825
−1826
−1827
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 2224
Profile
Elevation
−1820
−1821
−1822
−1823
−1824
−1825
−1826
−1827
0
20
40
60
80
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 2224
Profile
Elevation
Distance (m)
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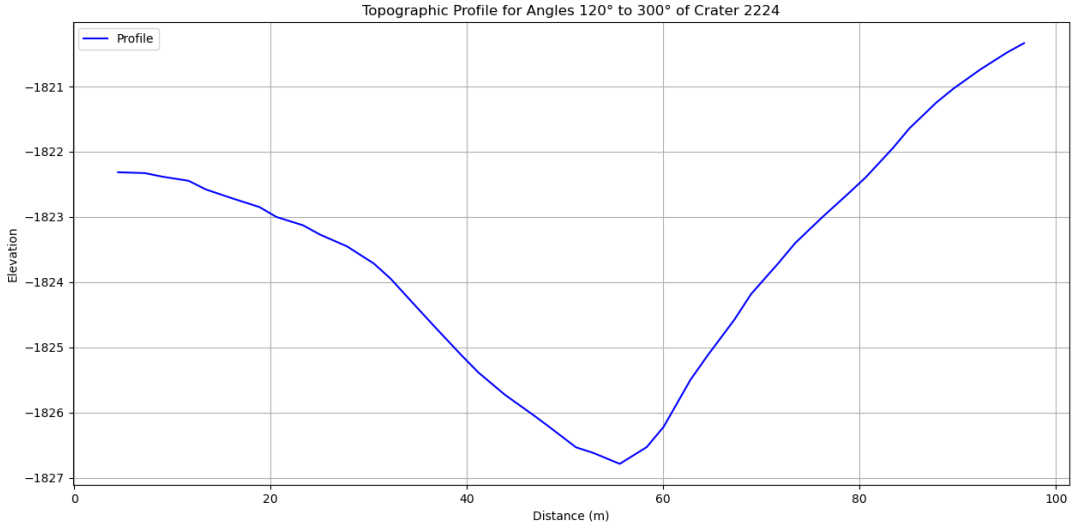
−1821
−1822
−1823
−1824
−1825
−1826
−1827
0
20
40
60
80


Topographic Profile for Angles 120° to 300° of Crater 2224
Profile
Elevation
Distance (m)
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−1822
−1823
−1824
−1825
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−1827
0
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40
60
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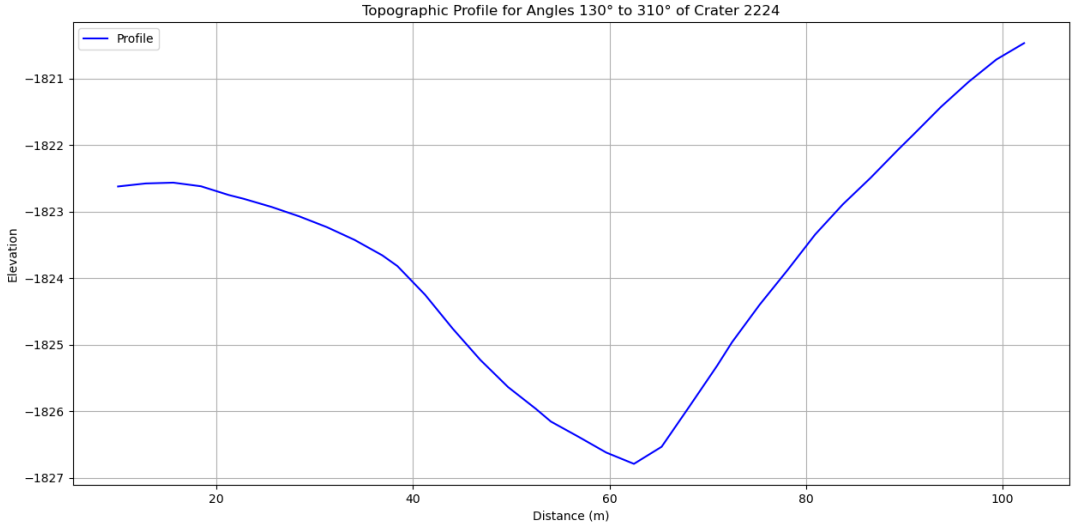
Topographic Profile for Angles 130° to 310° of Crater 2224
Profile
Elevation
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−1822
−1823
−1824
−1825
−1826
−1827
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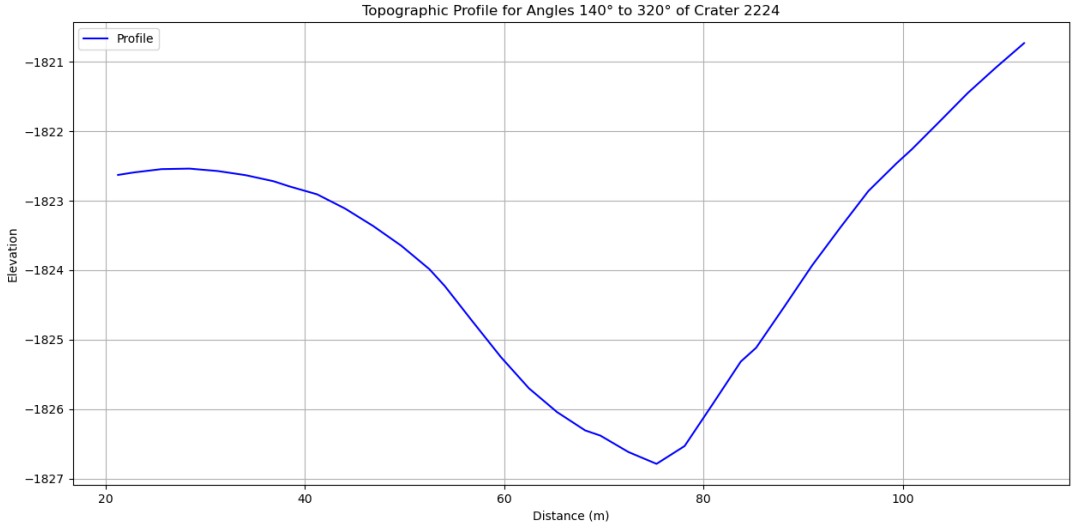
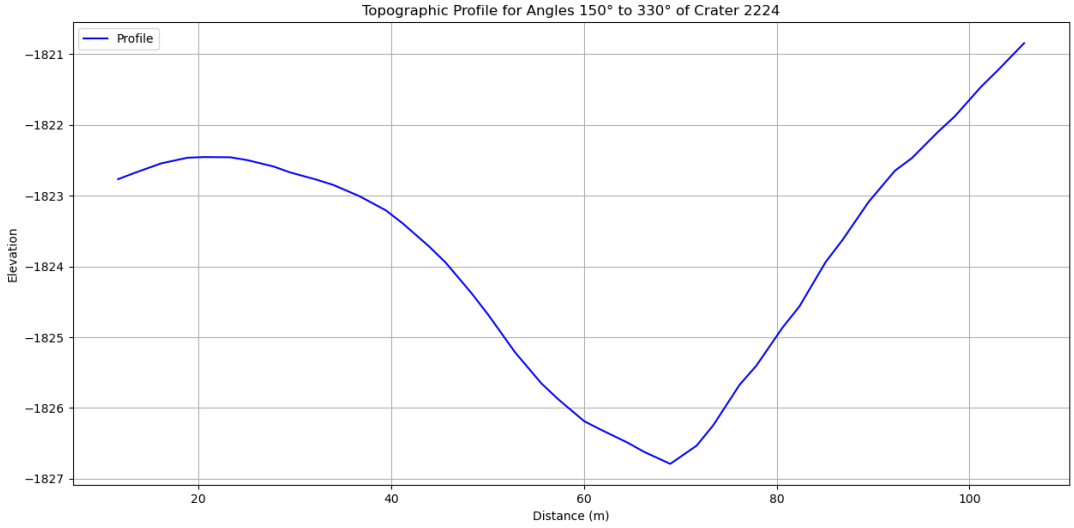
40
60
80
100
Distance (m)


Topographic Profile for Angles 140° to 320° of Crater 2224
Profile
Elevation
−1821
−1822
−1823
−1824
−1825
−1826
−1827
20
40
60
80
100
Distance (m)


Topographic Profile for Angles 150° to 330° of Crater 2224
Profile
Elevation
Distance (m)
−1821
−1822
−1823
−1824
−1825
−1826
−1827
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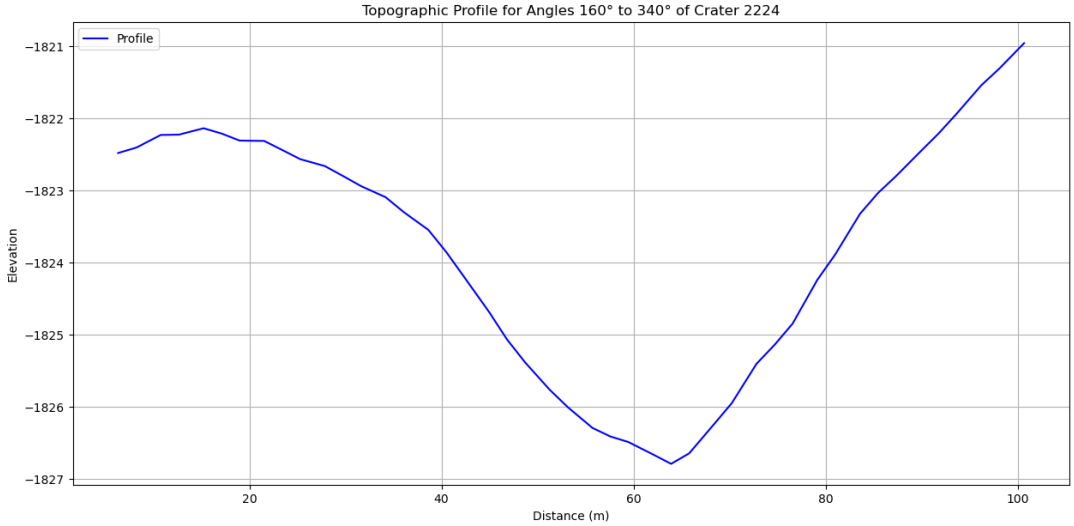
80
100


Topographic Profile for Angles 160° to 340° of Crater 2224
Profile
Elevation
Distance (m)
−1821
−1822
−1823
−1824
−1825
−1826
−1827
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80
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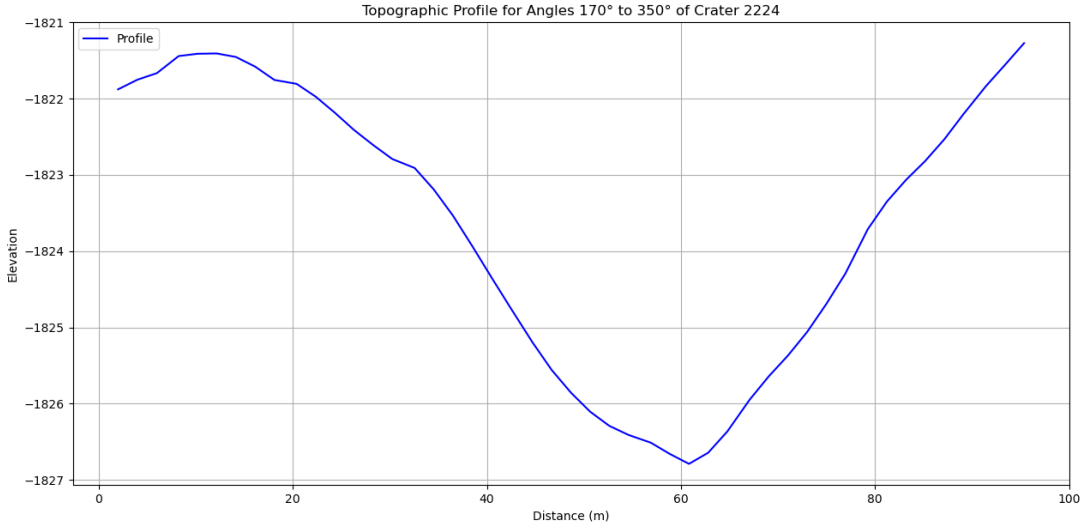
Topographic Profile for Angles 170° to 350° of Crater 2224
Profile
Elevation
Distance (m)
−1821
−1822
−1823
−1824
−1825
−1826
−1827
0
20
40
60
80
100