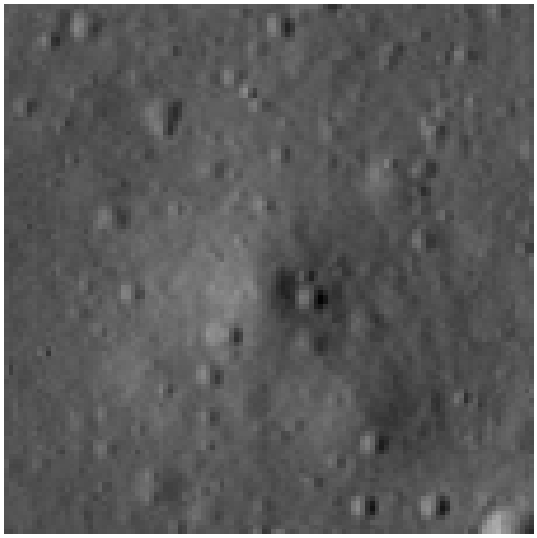
Crater report 169 of RG2

General information



ID : 169

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : C

Mean Diameter : 60m ± 4.0m

Mean depht : 1.5m ± 0.2m

d/D ratio : 0.025 ± 0.004

Circularity index : 0.92

Mean slope : 3.28°

Mean value of TRI on the rim crest : 0.07

Geometric center coordinates : (3658238.967343969, 235394.84267165526)

Coordinates of the crater's lowest point : (3658239.000001101, 235391.0000000695)

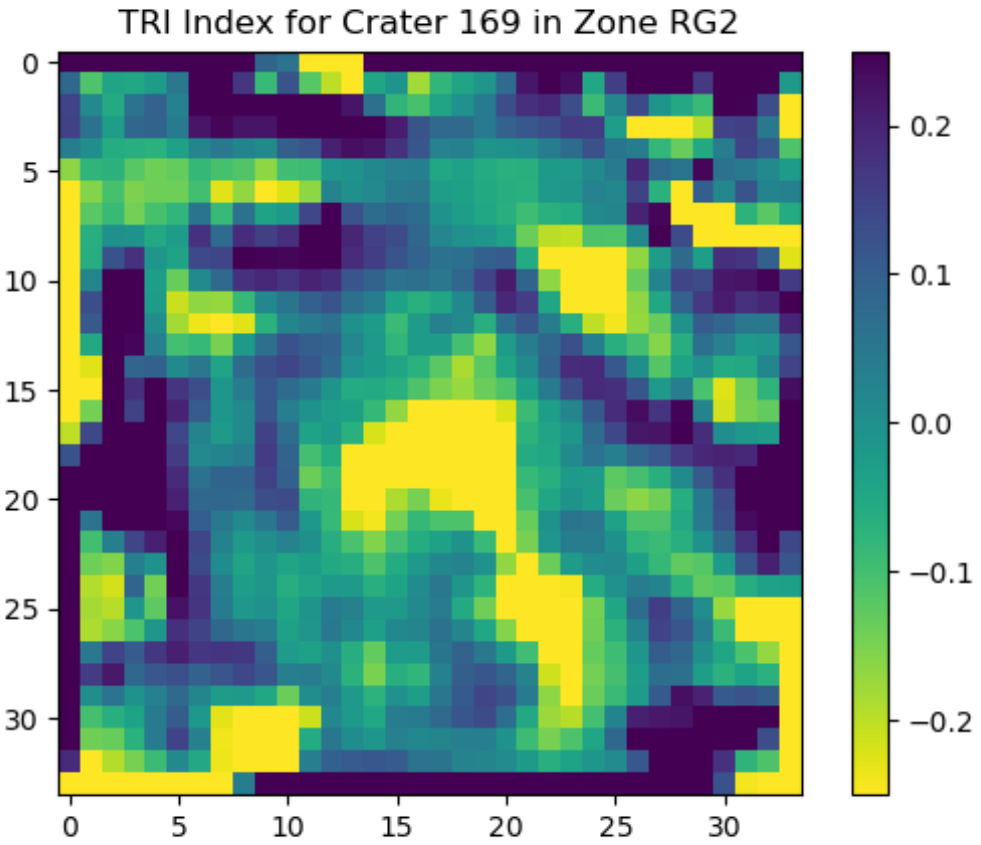
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	4.67	0.57
10°	3.9	0.55
20°	3.5	0.52
30°	3.28	0.48
40°	3.1	0.44
50°	2.84	0.44
60°	2.71	0.48
70°	3.0	0.52
80°	3.14	0.55
90°	2.9	0.57
100°	2.43	0.54
110°	2.09	0.51

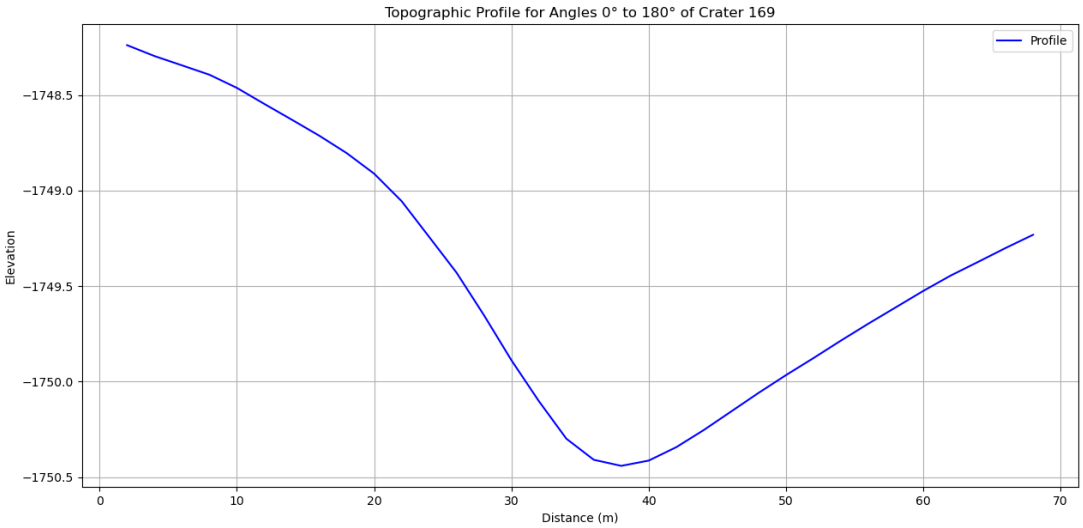
120°	1.95	0.48
130°	1.9	0.44
140°	1.88	0.42
150°	1.65	0.47
160°	1.95	0.52
170°	2.13	0.54
180°	2.37	0.57
190°	2.31	0.54
200°	2.3	0.52
210°	2.57	0.47
220°	2.88	0.43
230°	3.0	0.42
240°	3.32	0.48
250°	3.82	0.52
260°	4.14	0.54
270°	4.55	0.57
280°	4.39	0.54
290°	4.46	0.51
300°	4.66	0.48
310°	4.87	0.43
320°	5.11	0.43
330°	4.81	0.48
340°	4.84	0.52
350°	4.69	0.54

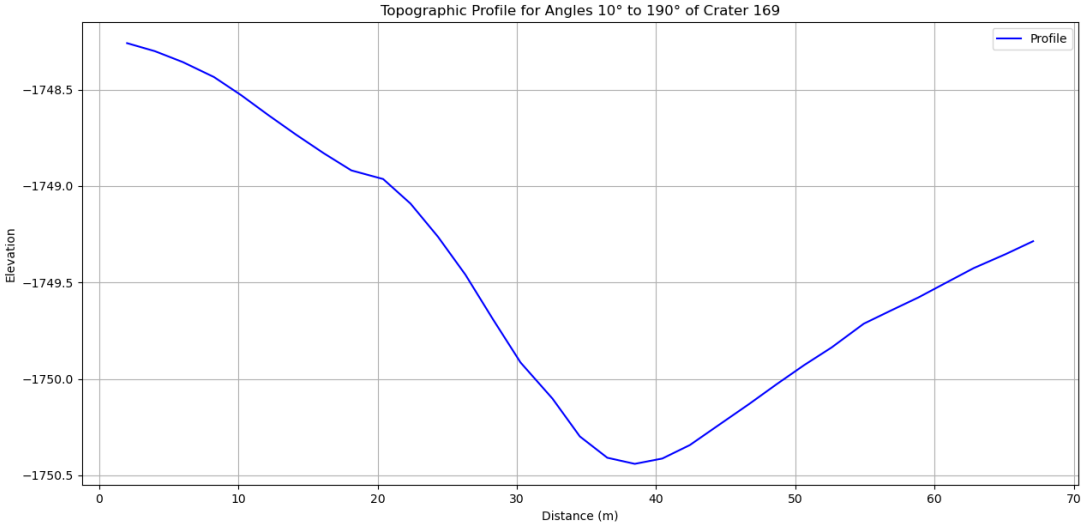
Topographic roughness index (TRI)

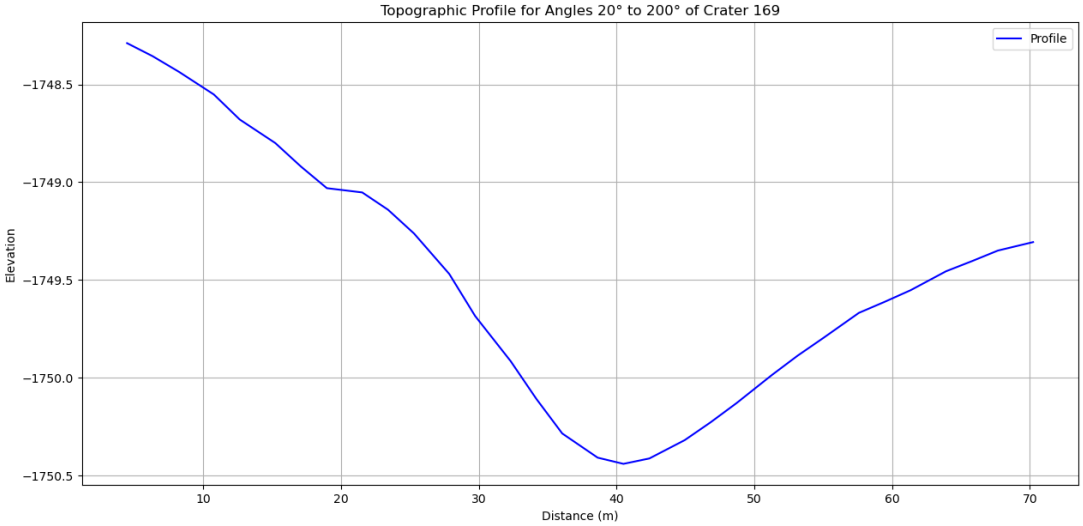
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

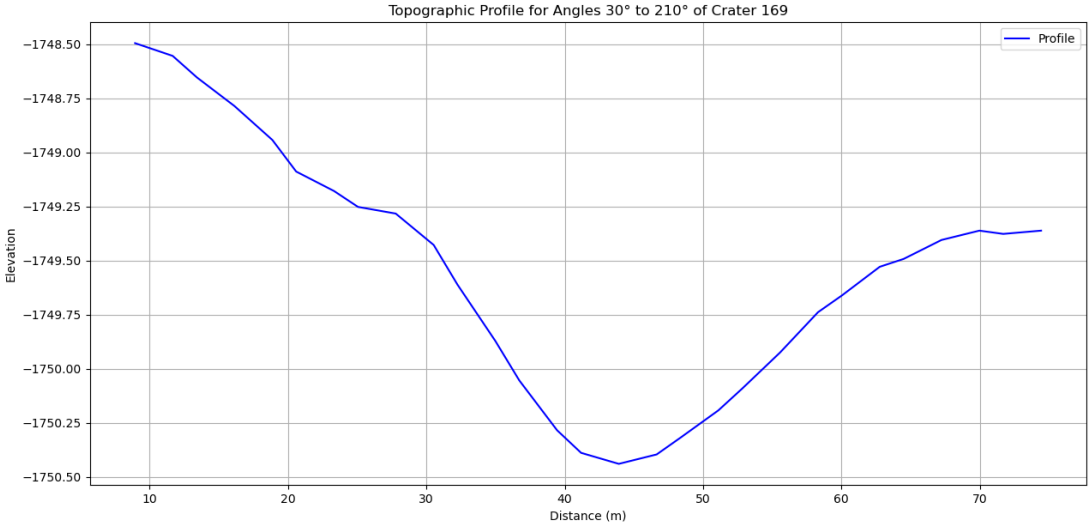


Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 169
Profile
Elevation
−1748.5
−1749.0
−1749.5
−1750.0
−1750.5
0
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 169
Profile
Elevation
−1748.5
−1749.0
−1749.5
−1750.0
−1750.5
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 169
Profile
Elevation
Distance (m)
−1748.50
−1748.75
−1749.00
−1749.25
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−1749.75
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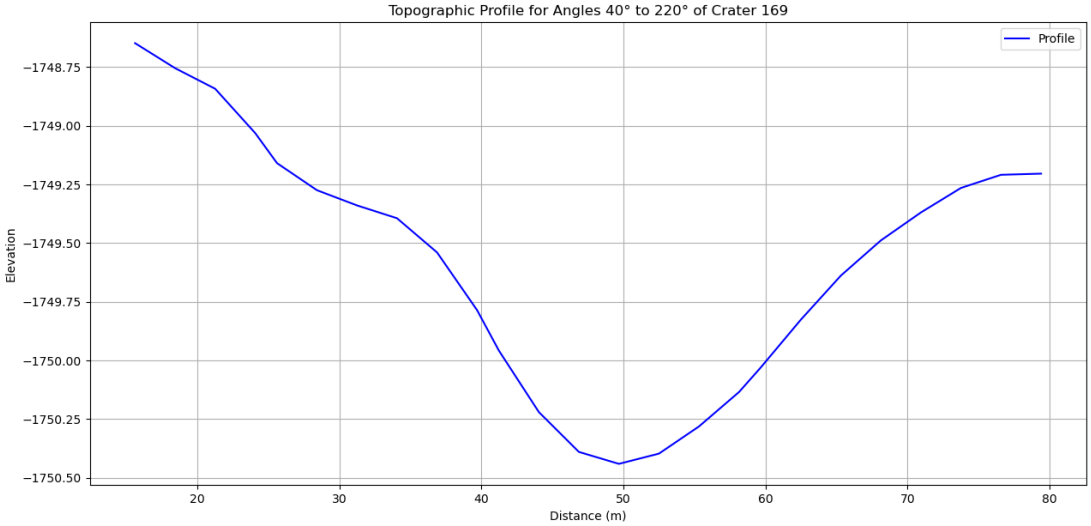
−1750.50
10
20
30
40
50
60
70


Topographic Profile for Angles 40° to 220° of Crater 169
Profile
Elevation
Distance (m)
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−1749.00
−1749.25
−1749.50
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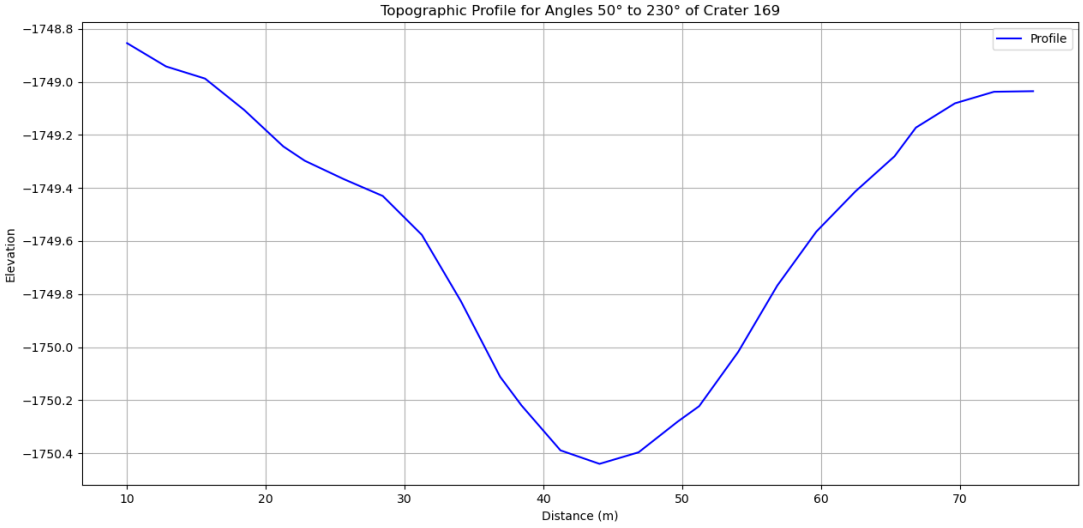
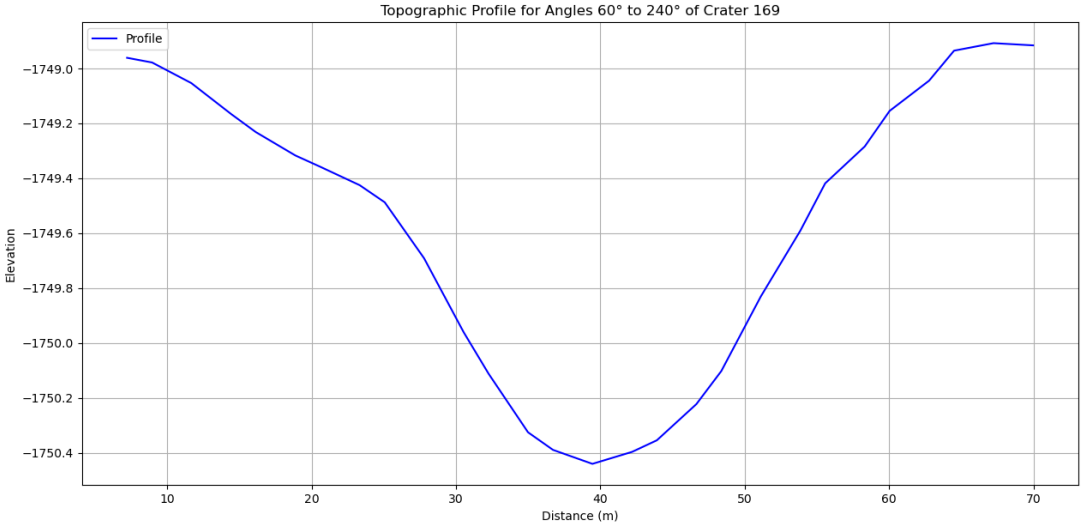
−1750.50
20
30
40
50
60
70
80


Topographic Profile for Angles 50° to 230° of Crater 169
Profile
Elevation
Distance (m)
−1748.8
−1749.0
−1749.2
−1749.4
−1749.6
−1749.8
−1750.0
−1750.2
−1750.4
10
20
30
40
50
60
70


Topographic Profile for Angles 60° to 240° of Crater 169
Profile
Elevation
Distance (m)
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−1749.2
−1749.4
−1749.6
−1749.8
−1750.0
−1750.2
−1750.4
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60
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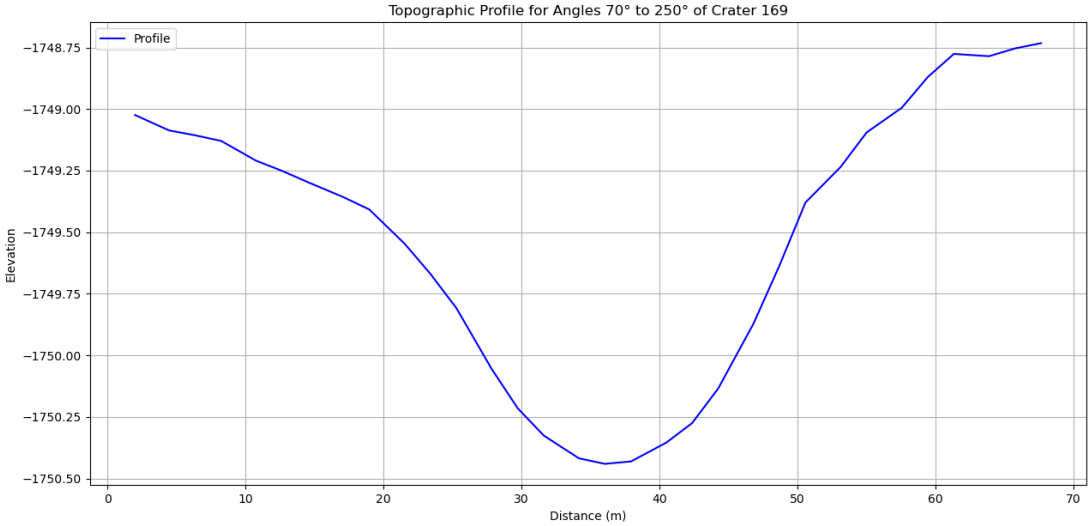
Topographic Profile for Angles 70° to 250° of Crater 169
Profile
Elevation
Distance (m)
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−1749.00
−1749.25
−1749.50
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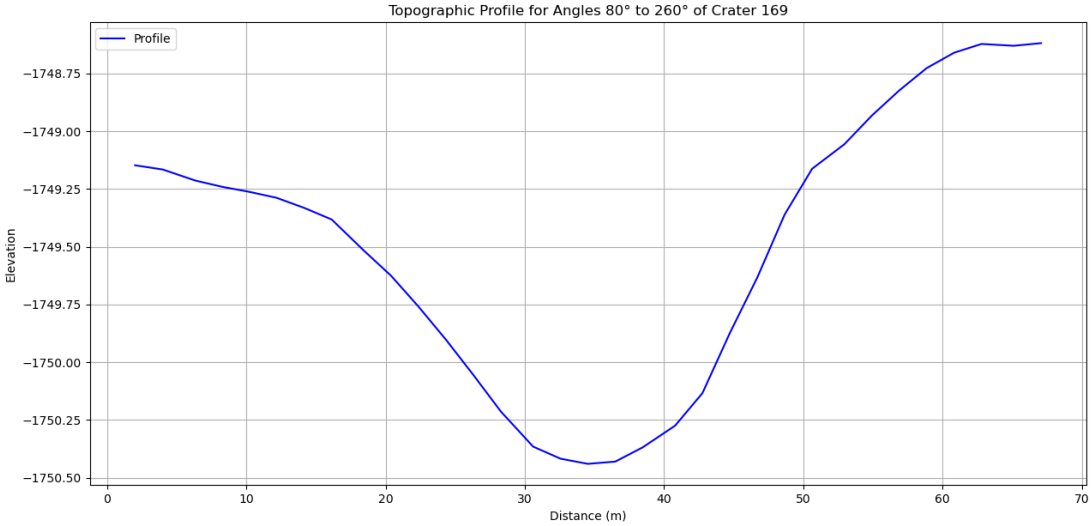
−1750.00
−1750.25
−1750.50
0
10
20
30
40
50
60
70


Topographic Profile for Angles 80° to 260° of Crater 169
Profile
Elevation
Distance (m)
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−1749.00
−1749.25
−1749.50
−1749.75
−1750.00
−1750.25
−1750.50
0
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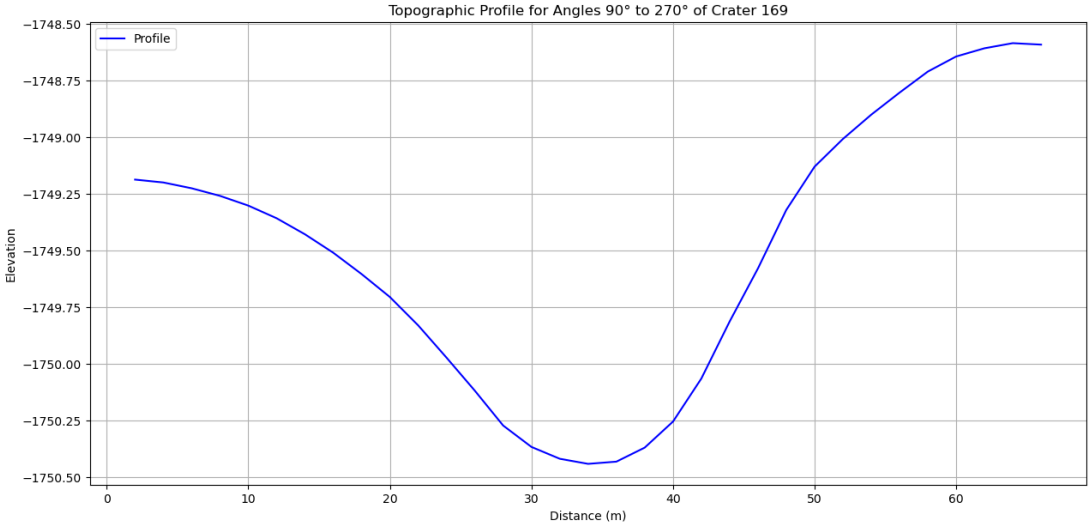
Topographic Profile for Angles 90° to 270° of Crater 169
Profile
Elevation
Distance (m)
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−1748.75
−1749.00
−1749.25
−1749.50
−1749.75
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−1750.50
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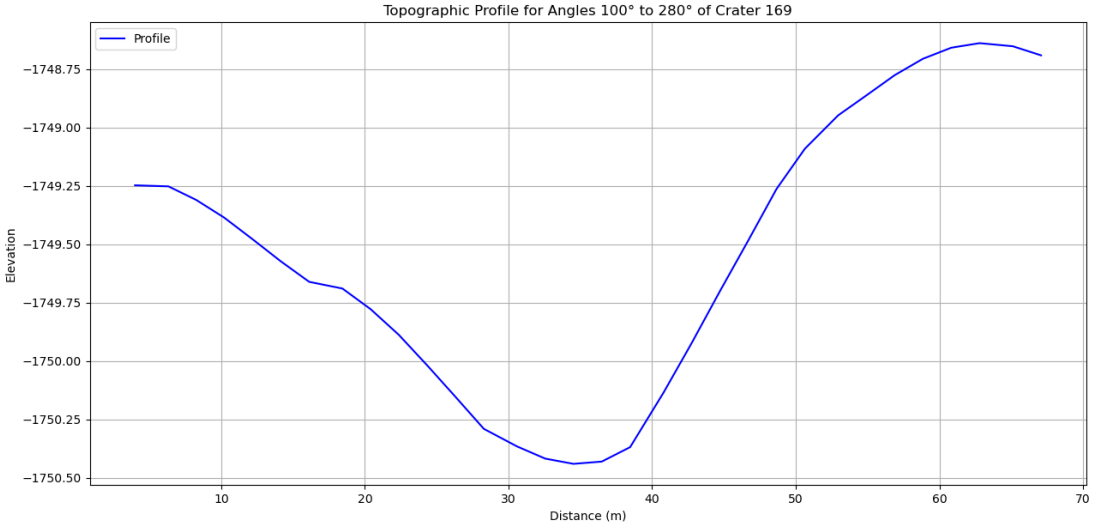
Topographic Profile for Angles 100° to 280° of Crater 169
Profile
Elevation
Distance (m)
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−1749.00
−1749.25
−1749.50
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−1750.50
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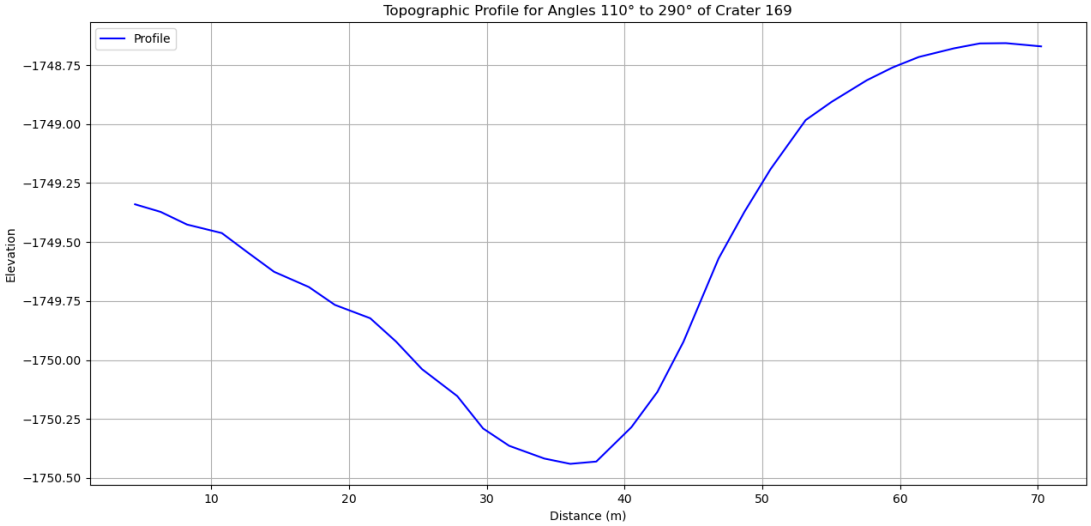
Topographic Profile for Angles 110° to 290° of Crater 169
Profile
Elevation
Distance (m)
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−1749.50
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−1750.00
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−1750.50
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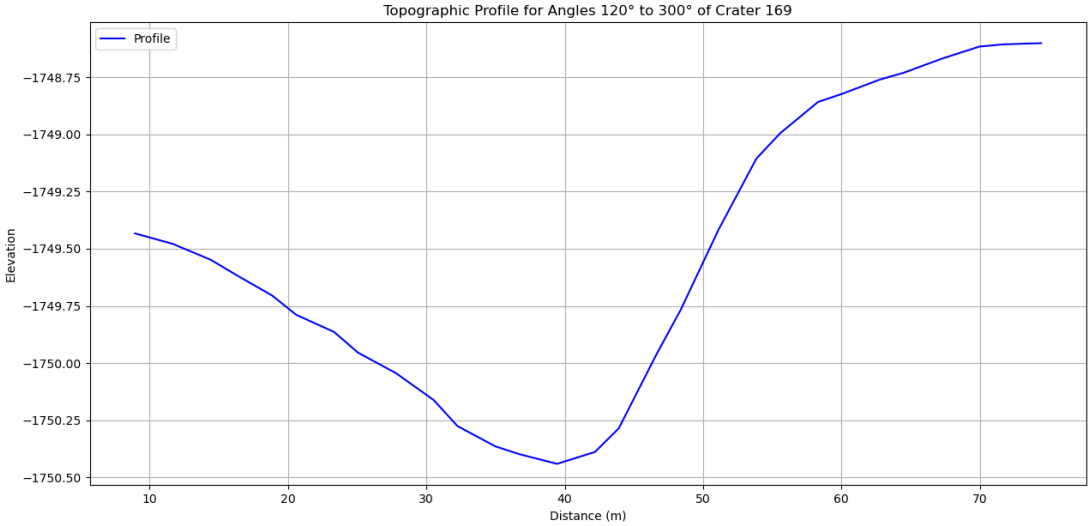
Topographic Profile for Angles 120° to 300° of Crater 169
Profile
Elevation
Distance (m)
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−1749.00
−1749.25
−1749.50
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−1750.00
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−1750.50
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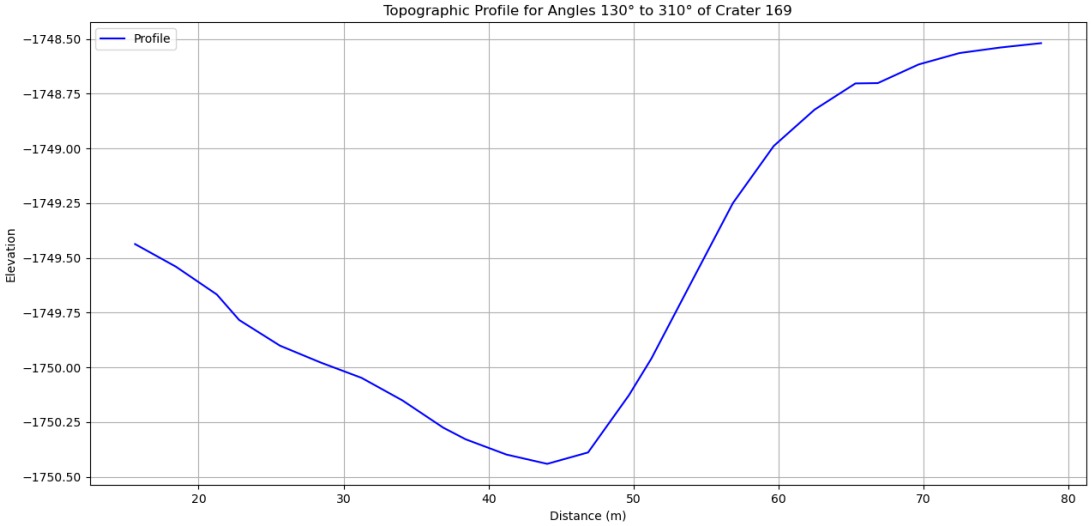
Topographic Profile for Angles 130° to 310° of Crater 169
Profile
Elevation
Distance (m)
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−1748.75
−1749.00
−1749.25
−1749.50
−1749.75
−1750.00
−1750.25
−1750.50
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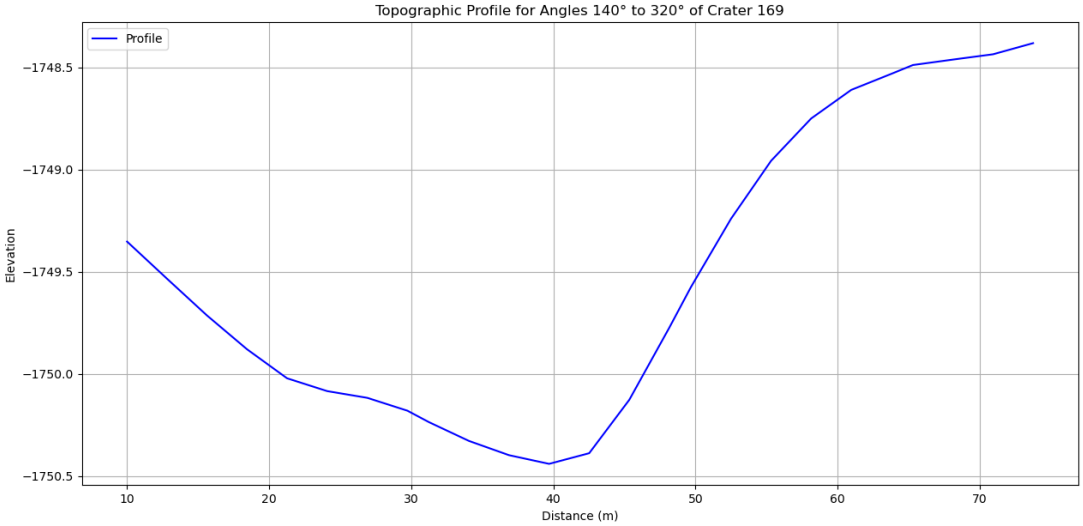
Topographic Profile for Angles 140° to 320° of Crater 169
Profile
Elevation
Distance (m)
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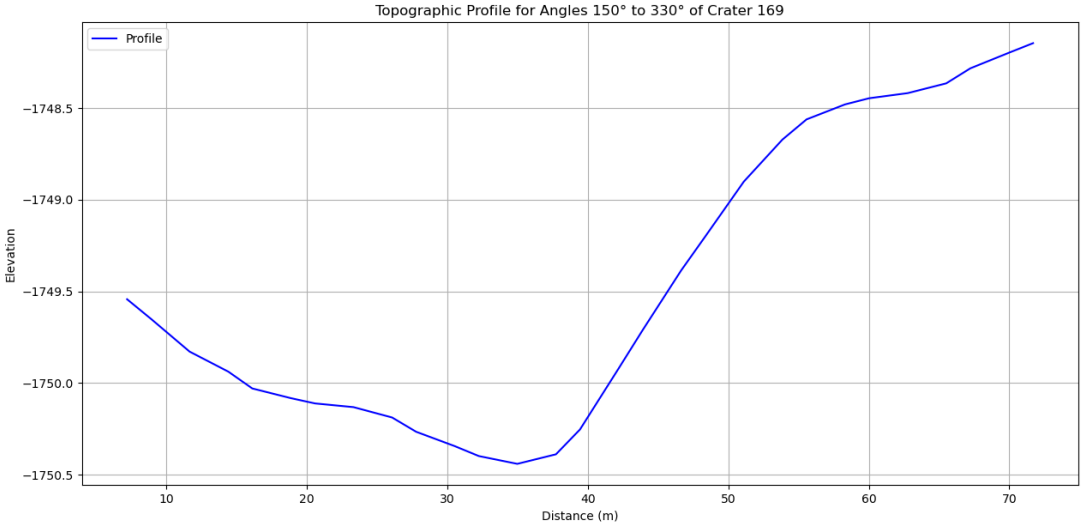
−1749.0
−1749.5
−1750.0
−1750.5
10
20
30
40
50
60
70


Topographic Profile for Angles 150° to 330° of Crater 169
Profile
Elevation
−1748.5
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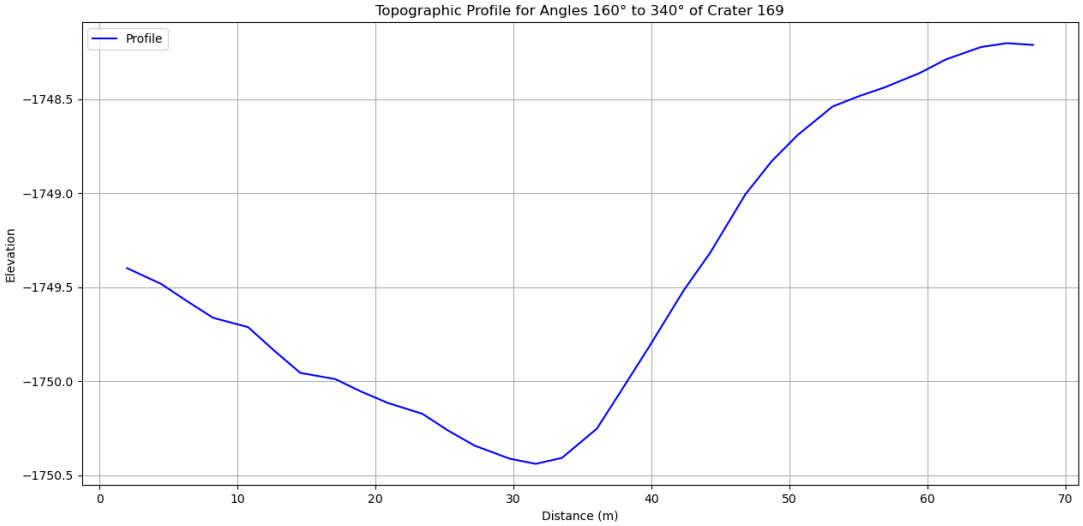
−1749.5
−1750.0
−1750.5
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 160° to 340° of Crater 169
Profile
Elevation
−1748.5
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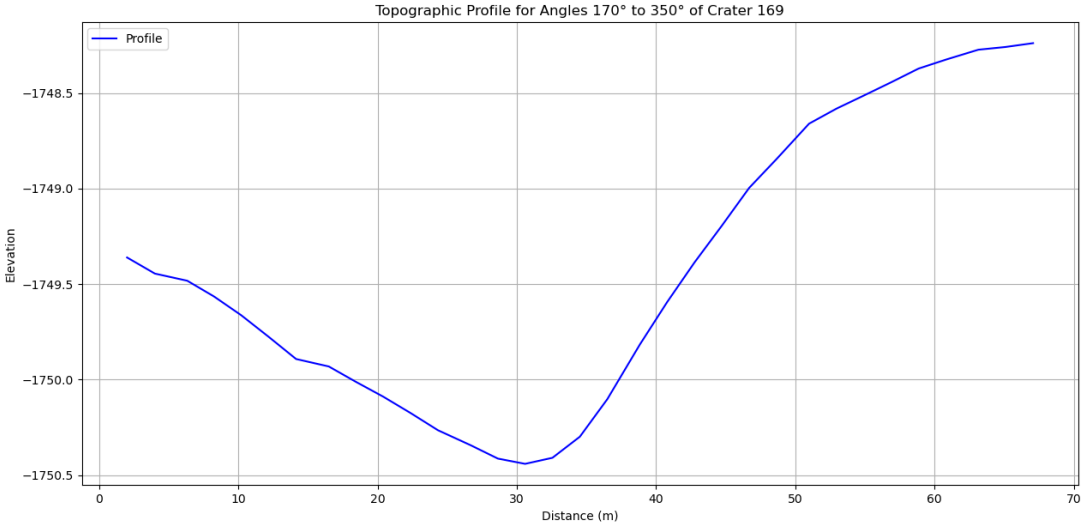
−1750.5
0
10
20
30
40
50
60
70
Distance (m)


Topographic Profile for Angles 170° to 350° of Crater 169
Profile
Elevation
−1748.5
−1749.0
−1749.5
−1750.0
−1750.5
0
10
20
30
40
50
60
70
Distance (m)