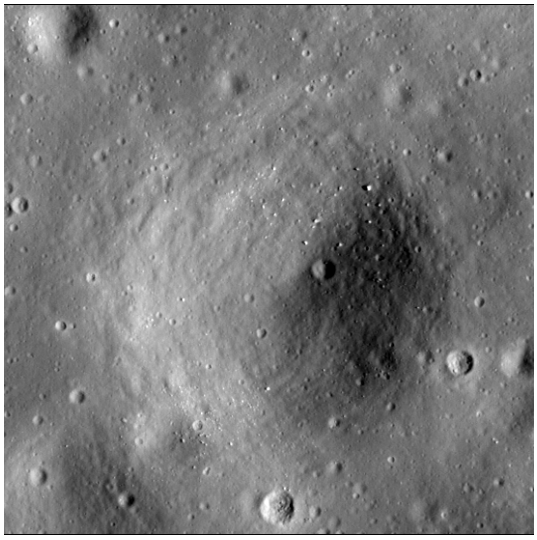
Crater report 550 of RG2

General information



ID : 550

Study area : RG2

Swirl : off-swirl

Morphology : Bowl-shaped

Estimate state of degradation : BC - C

Mean Diameter : 304m ± 13.0m

Mean depht : 25.0m ± 1.0m

d/D ratio : 0.082 ± 0.005

Circularity index : 0.93

Mean slope : 11.34°

Mean value of TRI on the rim crest : 0.20

Geometric center coordinates : (3657994.827437656, 232598.61646350403)

Coordinates of the crater's lowest point : (3658015.000001101, 232583.00000006866)

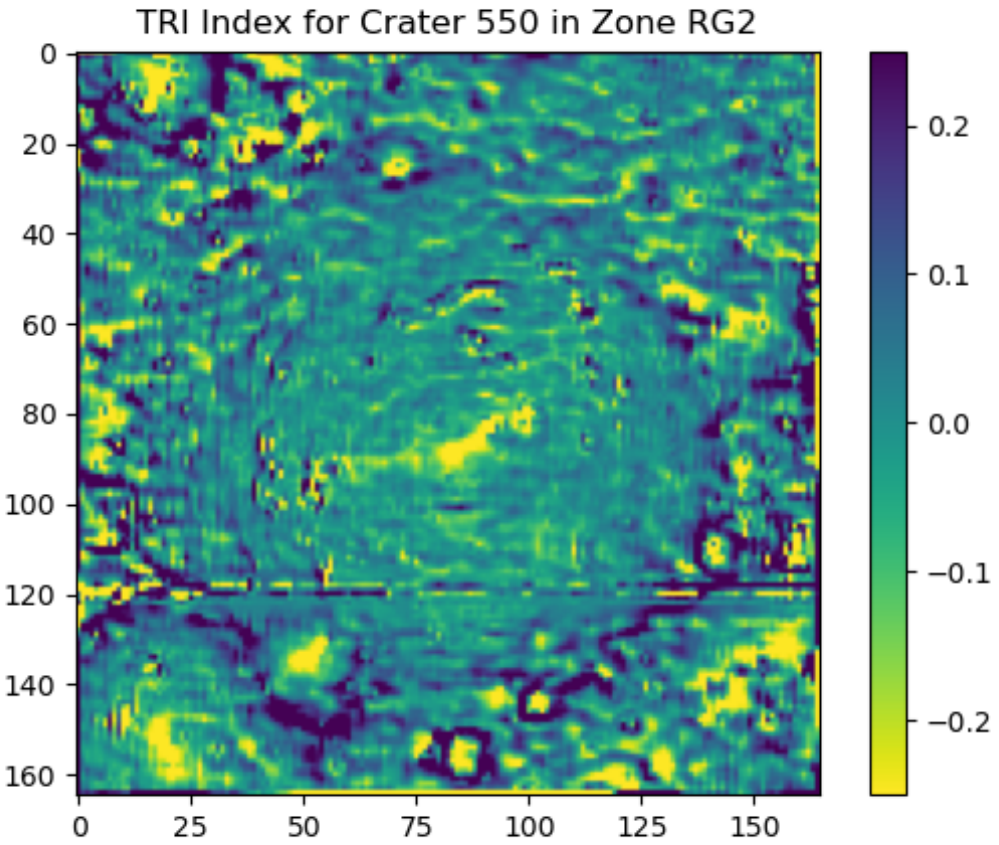
Slopes data

North orientation	Slope (°)	Uncertainty (°)
0/360°	14.02	0.56
10°	13.05	0.54
20°	12.66	0.51
30°	12.42	0.48
40°	12.75	0.43
50°	12.83	0.43
60°	12.19	0.48
70°	12.31	0.51
80°	13.06	0.54
90°	13.57	0.56
100°	12.58	0.54
110°	12.07	0.51

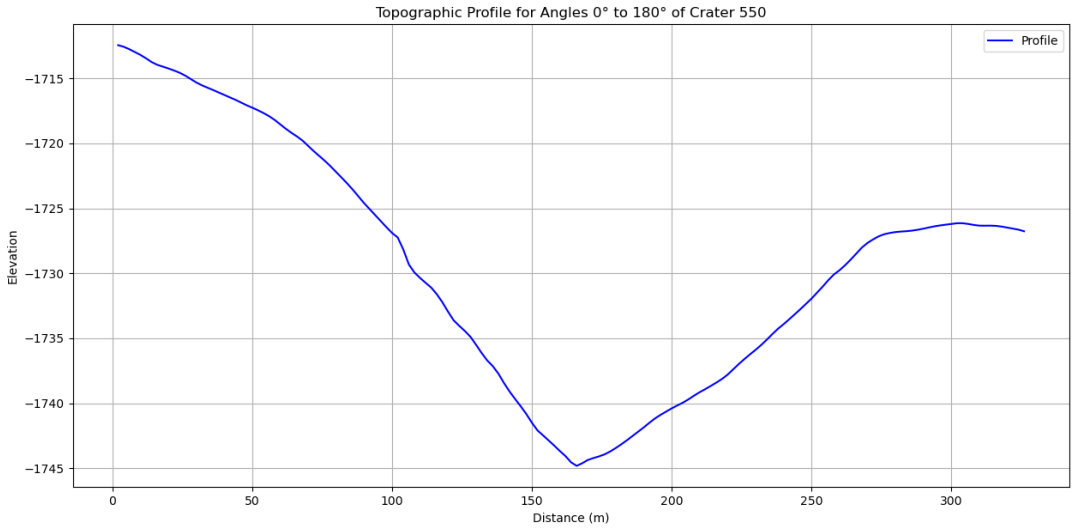
120°	11.85	0.48
130°	11.77	0.43
140°	10.5	0.43
150°	9.41	0.48
160°	9.13	0.52
170°	8.98	0.55
180°	9.08	0.57
190°	8.98	0.54
200°	9.14	0.51
210°	9.23	0.48
220°	9.67	0.43
230°	9.77	0.43
240°	9.42	0.48
250°	9.88	0.51
260°	10.13	0.54
270°	10.76	0.57
280°	10.55	0.54
290°	10.62	0.52
300°	11.06	0.48
310°	11.86	0.43
320°	12.79	0.43
330°	13.06	0.48
340°	13.37	0.51
350°	13.56	0.54

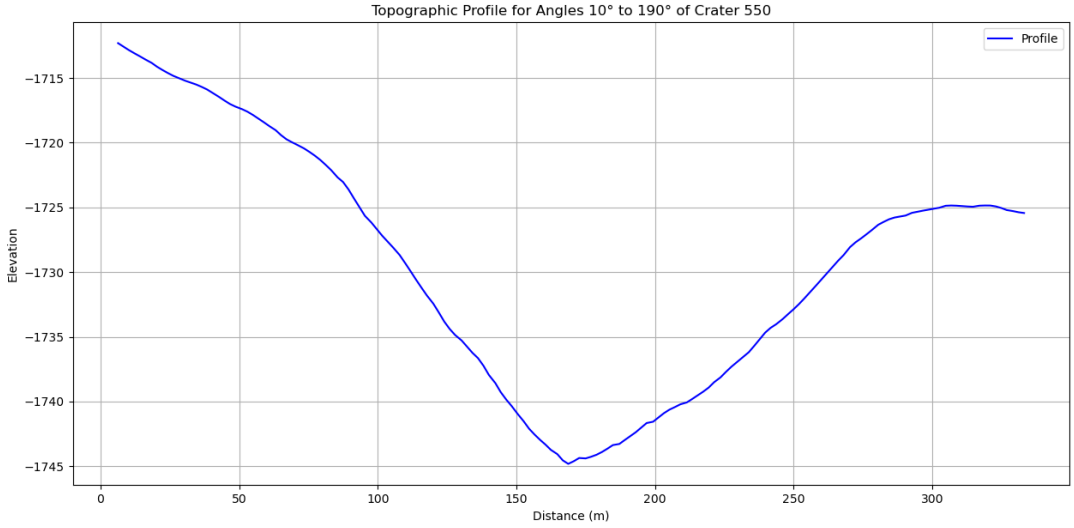
Topographic roughness index (TRI)

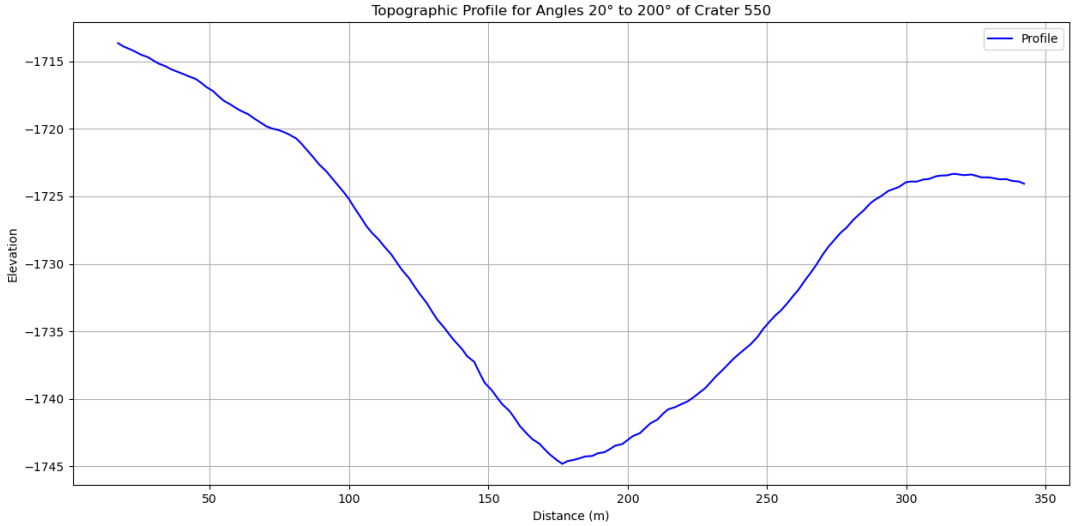
The Topographic Roughness Index (TRI) is a measure used to quantify the ruggedeness or the unevenness of terrain. It reflects how much elevation change over a given area.

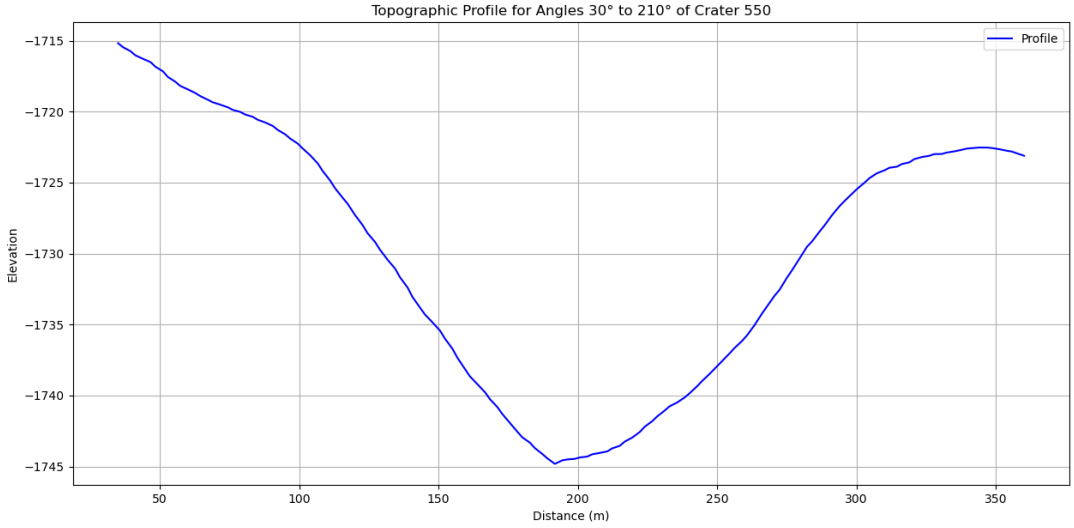


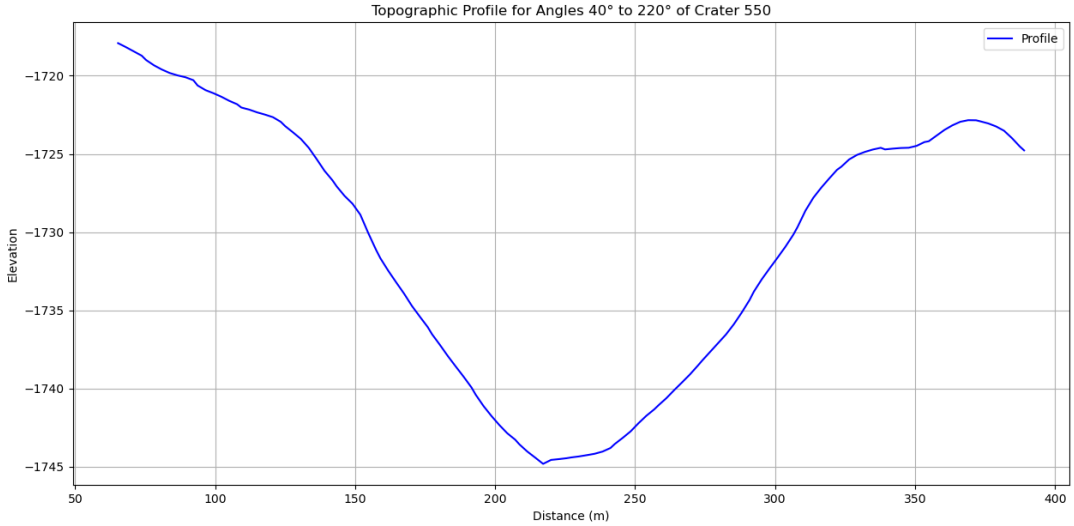
Topographic profiles




Topographic Profile for Angles 10° to 190° of Crater 550
Profile
Elevation
−1715
−1720
−1725
−1730
−1735
−1740
−1745
0
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 20° to 200° of Crater 550
Profile
Elevation
−1715
−1720
−1725
−1730
−1735
−1740
−1745
50
100
150
200
250
300
350
Distance (m)


Topographic Profile for Angles 30° to 210° of Crater 550
Profile
Elevation
Distance (m)
−1715
−1720
−1725
−1730
−1735
−1740
−1745
50
100
150
200
250
300
350


Topographic Profile for Angles 40° to 220° of Crater 550
Profile
Elevation
Distance (m)
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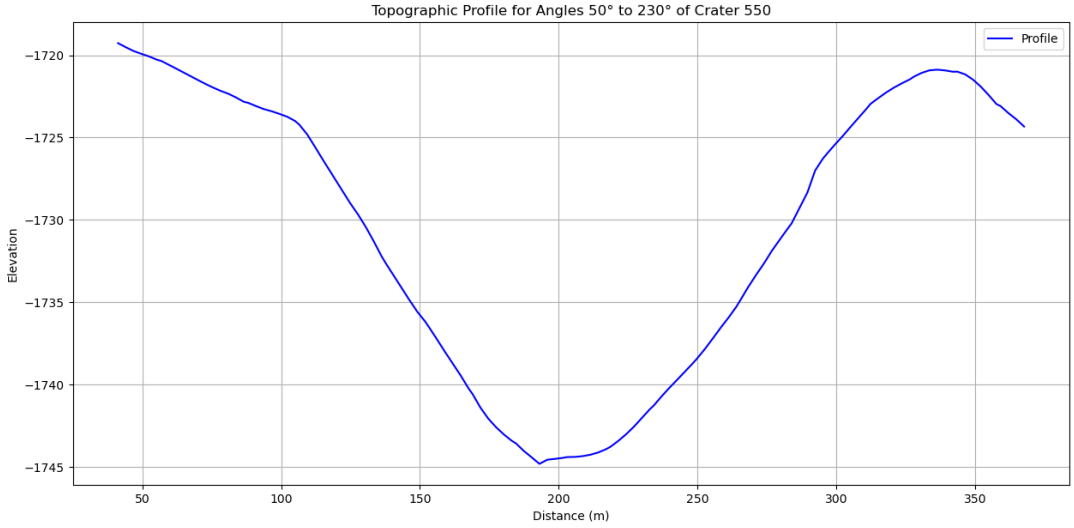
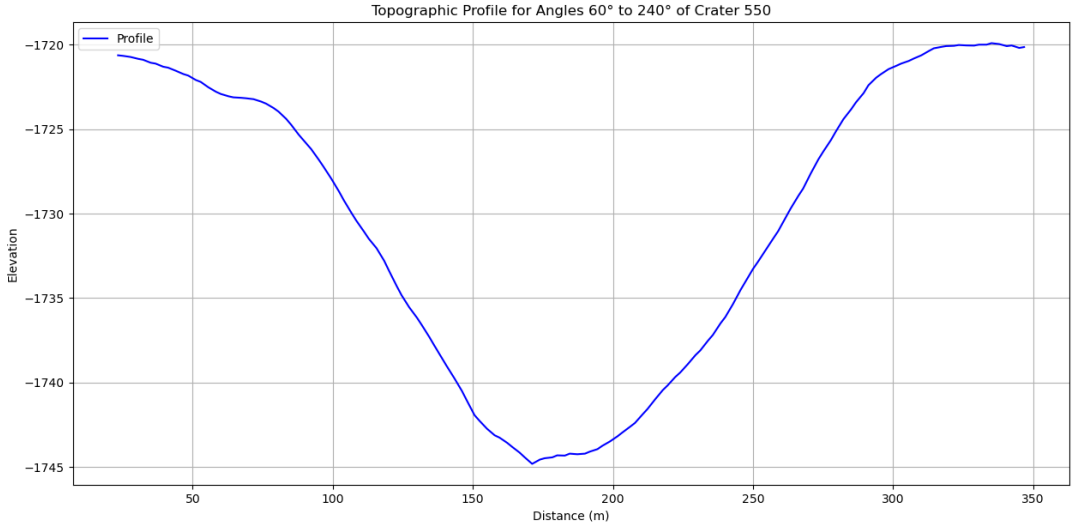
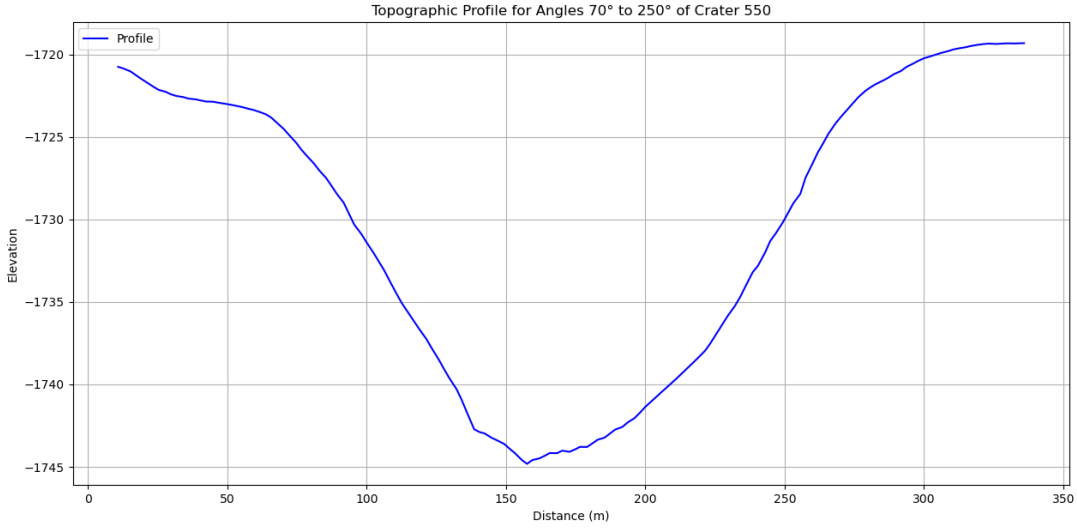
−1725
−1730
−1735
−1740
−1745
50
100
150
200
250
300
350
400


Topographic Profile for Angles 50° to 230° of Crater 550
Profile
Elevation
Distance (m)
−1720
−1725
−1730
−1735
−1740
−1745
50
100
150
200
250
300
350


Topographic Profile for Angles 60° to 240° of Crater 550
Profile
Elevation
Distance (m)
−1720
−1725
−1730
−1735
−1740
−1745
50
100
150
200
250
300
350


Topographic Profile for Angles 70° to 250° of Crater 550
Profile
Elevation
Distance (m)
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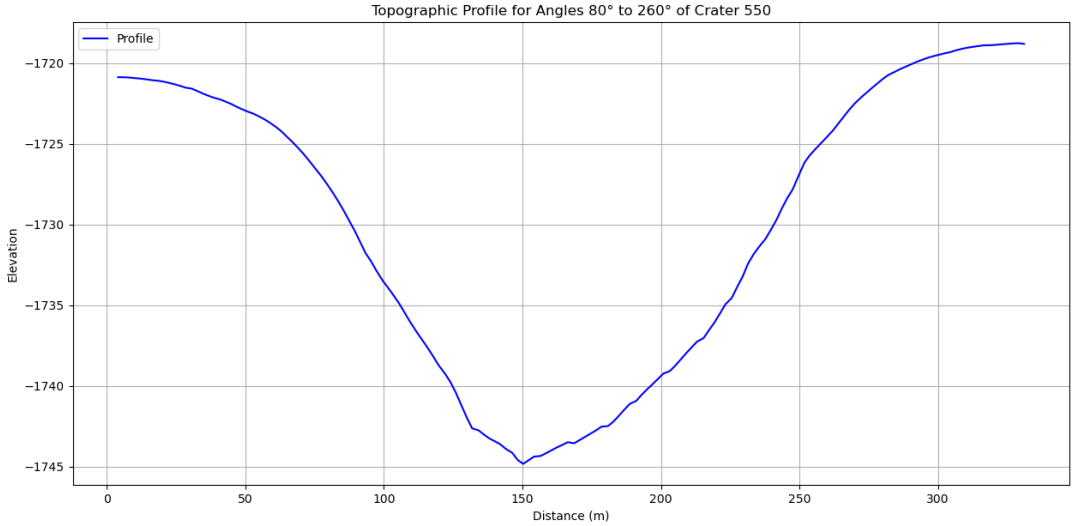
−1725
−1730
−1735
−1740
−1745
0
50
100
150
200
250
300
350


Topographic Profile for Angles 80° to 260° of Crater 550
Profile
Elevation
Distance (m)
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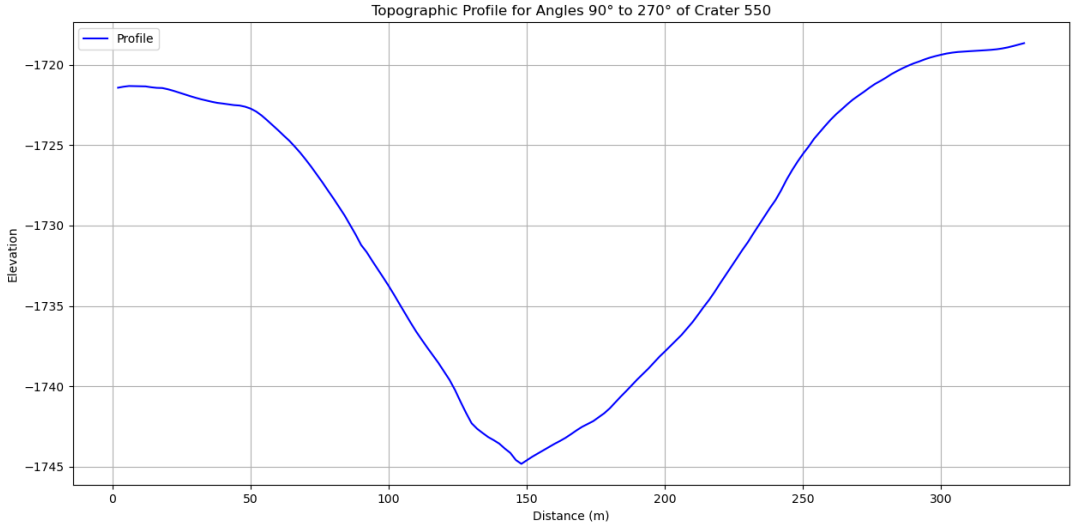
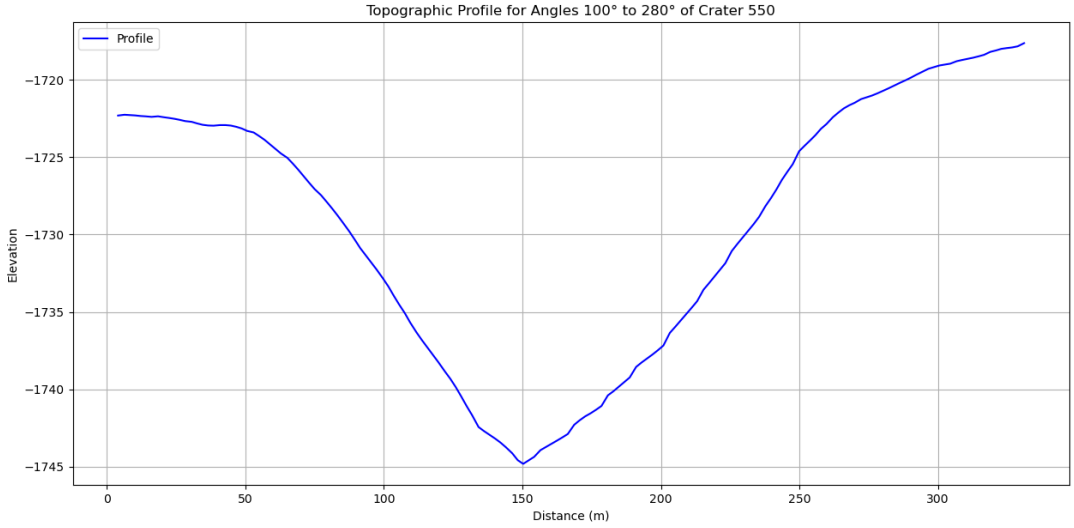
−1725
−1730
−1735
−1740
−1745
0
50
100
150
200
250
300


Topographic Profile for Angles 90° to 270° of Crater 550
Profile
Elevation
−1720
−1725
−1730
−1735
−1740
−1745
0
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 100° to 280° of Crater 550
Profile
Elevation
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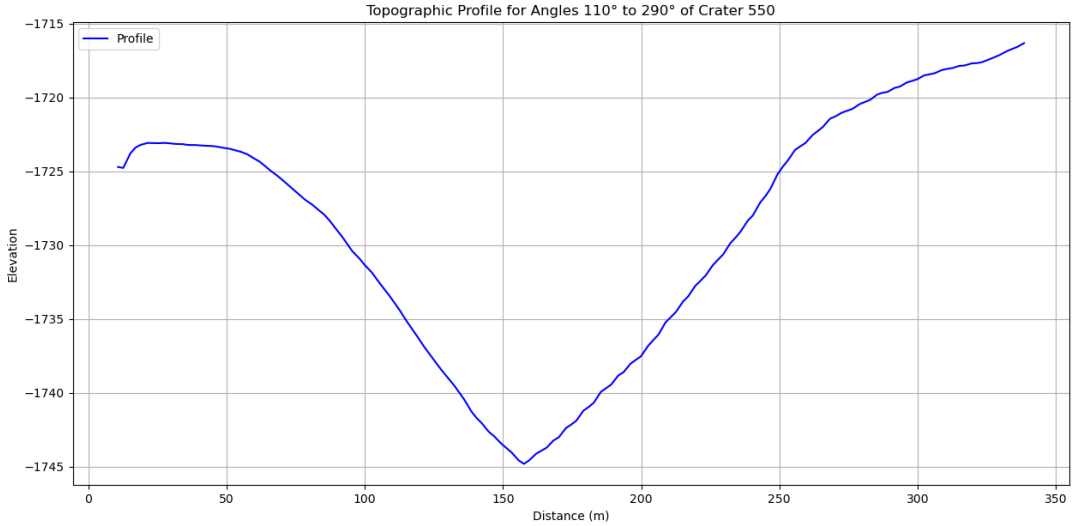
−1725
−1730
−1735
−1740
−1745
0
50
100
150
200
250
300
Distance (m)


Topographic Profile for Angles 110° to 290° of Crater 550
Profile
Elevation
Distance (m)
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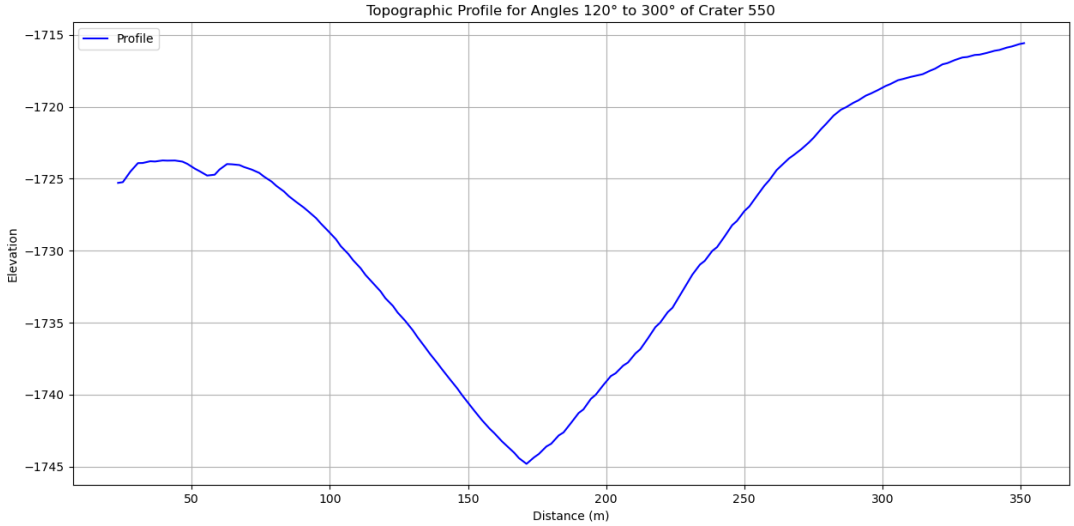
−1720
−1725
−1730
−1735
−1740
−1745
0
50
100
150
200
250
300
350


Topographic Profile for Angles 120° to 300° of Crater 550
Profile
Elevation
Distance (m)
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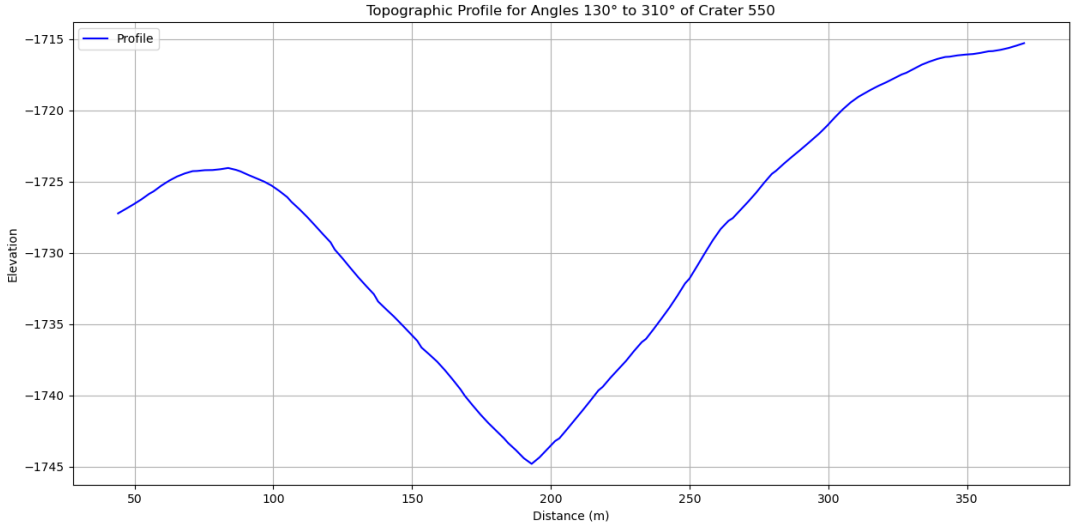
−1720
−1725
−1730
−1735
−1740
−1745
50
100
150
200
250
300
350


Topographic Profile for Angles 130° to 310° of Crater 550
Profile
Elevation
Distance (m)
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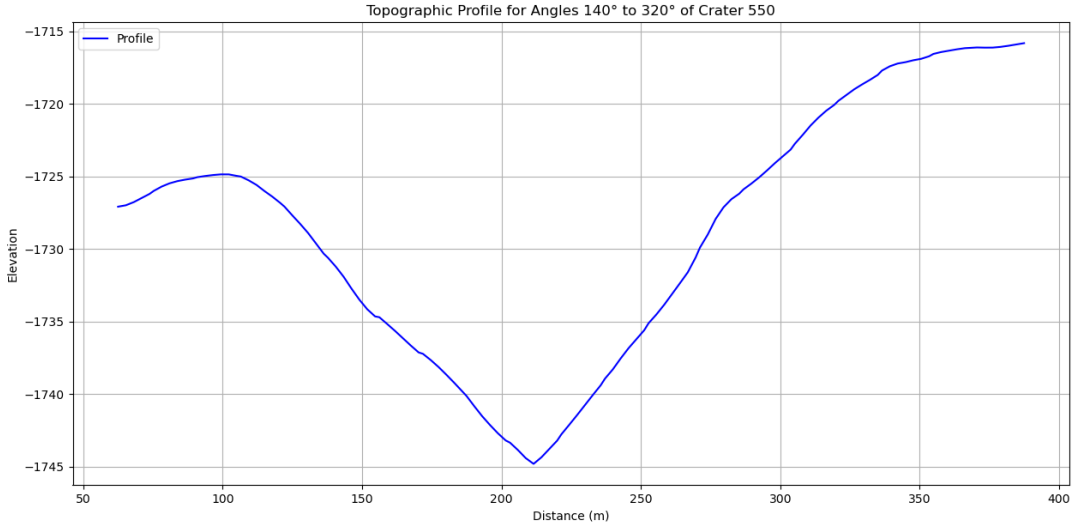
−1720
−1725
−1730
−1735
−1740
−1745
50
100
150
200
250
300
350


Topographic Profile for Angles 140° to 320° of Crater 550
Profile
Elevation
Distance (m)
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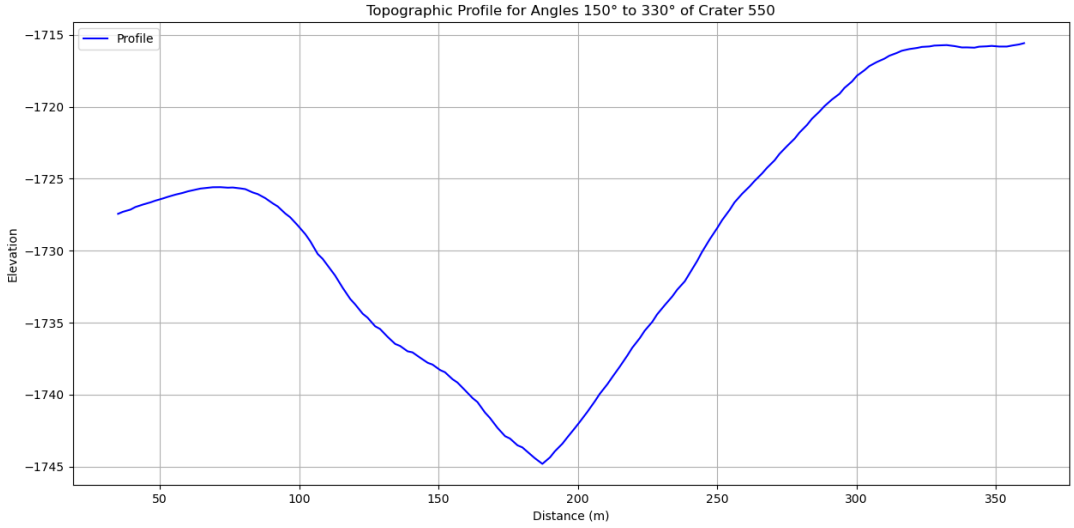
−1720
−1725
−1730
−1735
−1740
−1745
50
100
150
200
250
300
350
400


Topographic Profile for Angles 150° to 330° of Crater 550
Profile
Elevation
Distance (m)
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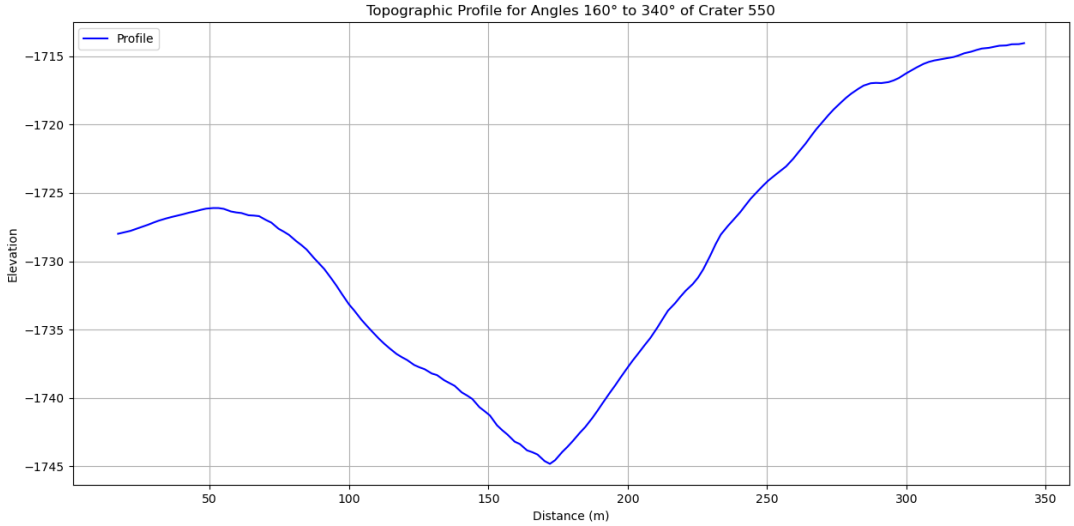
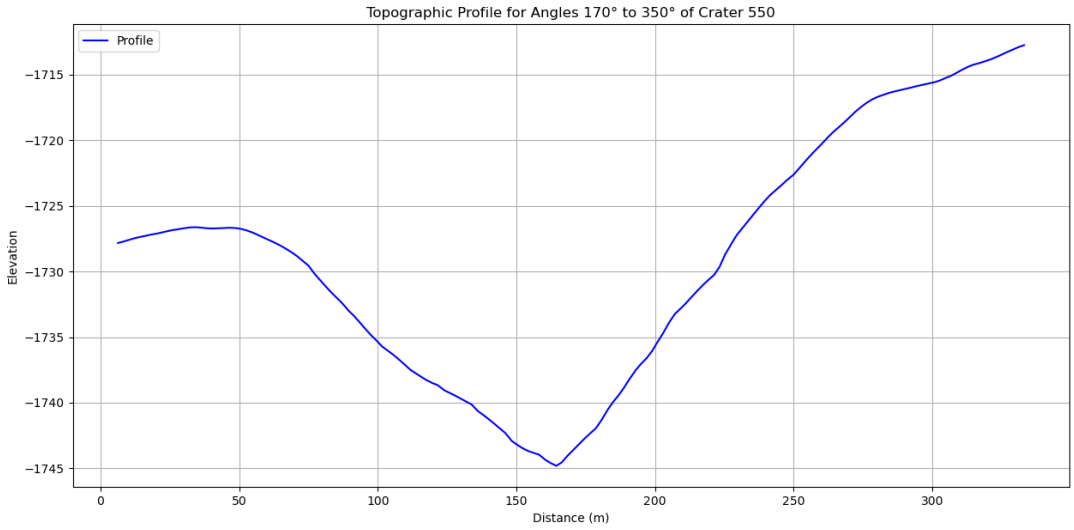
−1720
−1725
−1730
−1735
−1740
−1745
50
100
150
200
250
300
350


Topographic Profile for Angles 160° to 340° of Crater 550
Profile
Elevation
Distance (m)
−1715
−1720
−1725
−1730
−1735
−1740
−1745
50
100
150
200
250
300
350


Topographic Profile for Angles 170° to 350° of Crater 550
Profile
Elevation
−1715
−1720
−1725
−1730
−1735
−1740
−1745
0
50
100
150
200
250
300
Distance (m)