

DESCRIPTION OF ATTRIBUTES - PRODUCT: FINLAND AREA1 TERRAIN

Number	Attribute	Description				
1	Area of coverage	<p>Territory of Finland, covered 86 %</p> <p>Elevations in sea areas are not included in this AREA1 terrain product.</p> <table border="1"> <tr> <td>Bounding box (EPSG 3067):</td> <td>Bounding box (EPSG 4326):</td> </tr> <tr> <td>LL: N 6 624 015 E 79 968 UL: N 7 776 463 E 79 968 UR: N 7 776 463 E 732 064 LR: N 6 624 015 E 732 064</td> <td>LL: Lat 59° 32' 33,000" Lon 019° 33' 41,972" UL: Lat 69° 45' 24,087" Lon 016° 04' 20,356" UR: Lat 69° 59' 27,587" Lon 033° 05' 8,499" LR: Lat 59° 41' 21,183" Lon 031° 07' 25,197"</td> </tr> </table>	Bounding box (EPSG 3067):	Bounding box (EPSG 4326):	LL: N 6 624 015 E 79 968 UL: N 7 776 463 E 79 968 UR: N 7 776 463 E 732 064 LR: N 6 624 015 E 732 064	LL: Lat 59° 32' 33,000" Lon 019° 33' 41,972" UL: Lat 69° 45' 24,087" Lon 016° 04' 20,356" UR: Lat 69° 59' 27,587" Lon 033° 05' 8,499" LR: Lat 59° 41' 21,183" Lon 031° 07' 25,197"
Bounding box (EPSG 3067):	Bounding box (EPSG 4326):					
LL: N 6 624 015 E 79 968 UL: N 7 776 463 E 79 968 UR: N 7 776 463 E 732 064 LR: N 6 624 015 E 732 064	LL: Lat 59° 32' 33,000" Lon 019° 33' 41,972" UL: Lat 69° 45' 24,087" Lon 016° 04' 20,356" UR: Lat 69° 59' 27,587" Lon 033° 05' 8,499" LR: Lat 59° 41' 21,183" Lon 031° 07' 25,197"					
2	Data originator identifier	National Land Survey of Finland				
3	Data source identifier	National Land Survey of Finland				
4	Acquisition method	Data is based on KM2 (DTM, 2m grid) which has been produced on the basis of laser scanning point cloud				
5	Unit of measurement used	Meters				
6	Post spacing	Grid 64 M				
7	Horizontal reference system	ETRS-TM35FIN / EPSG 3067				
8	Horizontal resolution	1 M				
9	Horizontal accuracy	< 1.0 M				
10	Horizontal confidence level	Not applicable				
11	Horizontal position	Two dimensional, orthogonal, linear coordinates (North-oriented vertical coordinate axis – N; East-oriented horizontal coordinate axis – E) expressed in meters				
12	Elevation	Normal (orthogonal) distance of the point from the physical surface of the Earth to the surface of national geoid model FIN2005N00				
13	Elevation reference	<p>Elevation is defined for each point within dataset used to define DTM.</p> <p>The elevation is interpolated to center of pixel from nearest ground classification laser points</p> <p>64m grid elevation is weighted average from 2m grid.</p>				
14	Vertical reference system	N2000 / EPSG 3900 The difference between the EGM-96 model and the national geoid model FIN2005N00 can be neglected with respect to the required vertical accuracy of 30 m for Area 1				
15	Vertical resolution	0.01 M				
16	Vertical accuracy	30 M				
17	Vertical confidence level	90 %				
18	Surface type	-				
19	Recorded surface	Terrain, bare earth				
20	Penetration level	-				
21	Known variations	-				
22	Integrity	Routine				
23	Amendments of the data	Expected 2026				
24	Date and time stamp	02.02.2022				
25	Verification date / organization	02.02.2022 / National Land Survey of Finland				
26	Validation date / organization	16.03.2022 / Fintraffic Air Navigation Services				

27	Format	GeoTIFF
28	Compression	lzw
29	No data value	-9999
30	Tiled	Yes, 256x256