

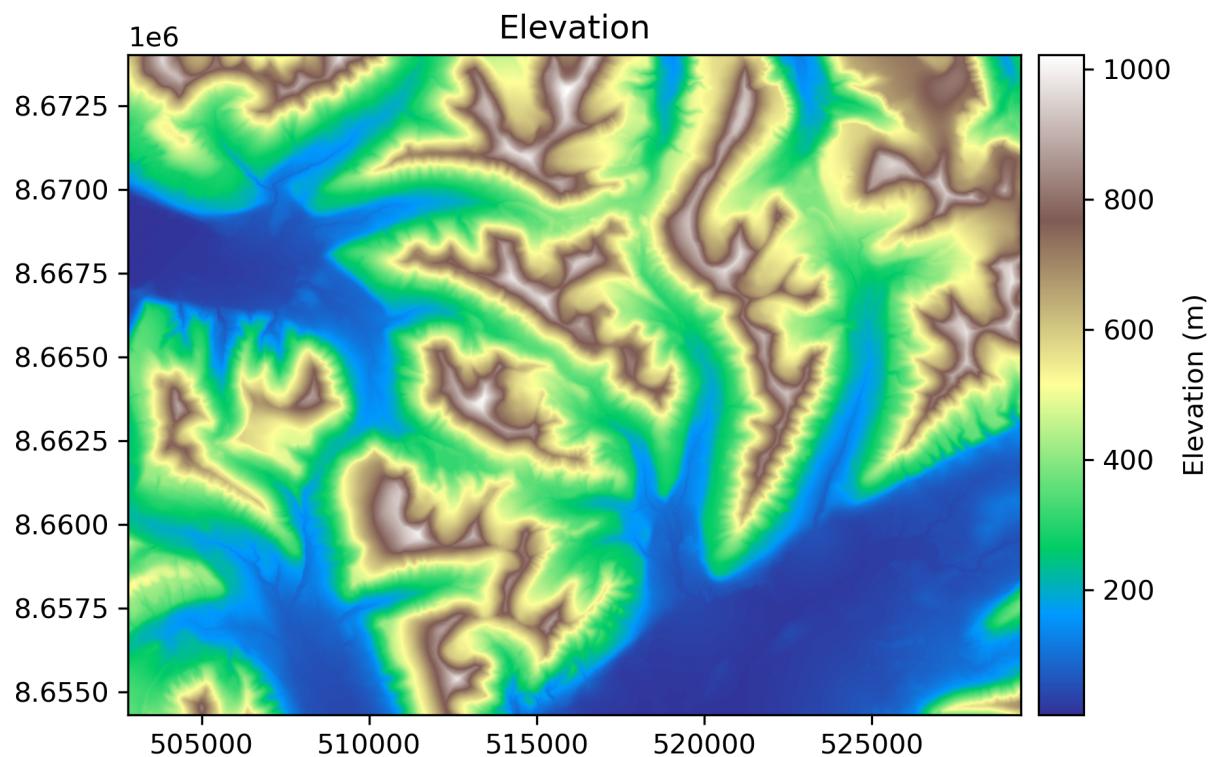
# Topography summary report — xDEM

xDEM version: 0.1.7a4.dev43

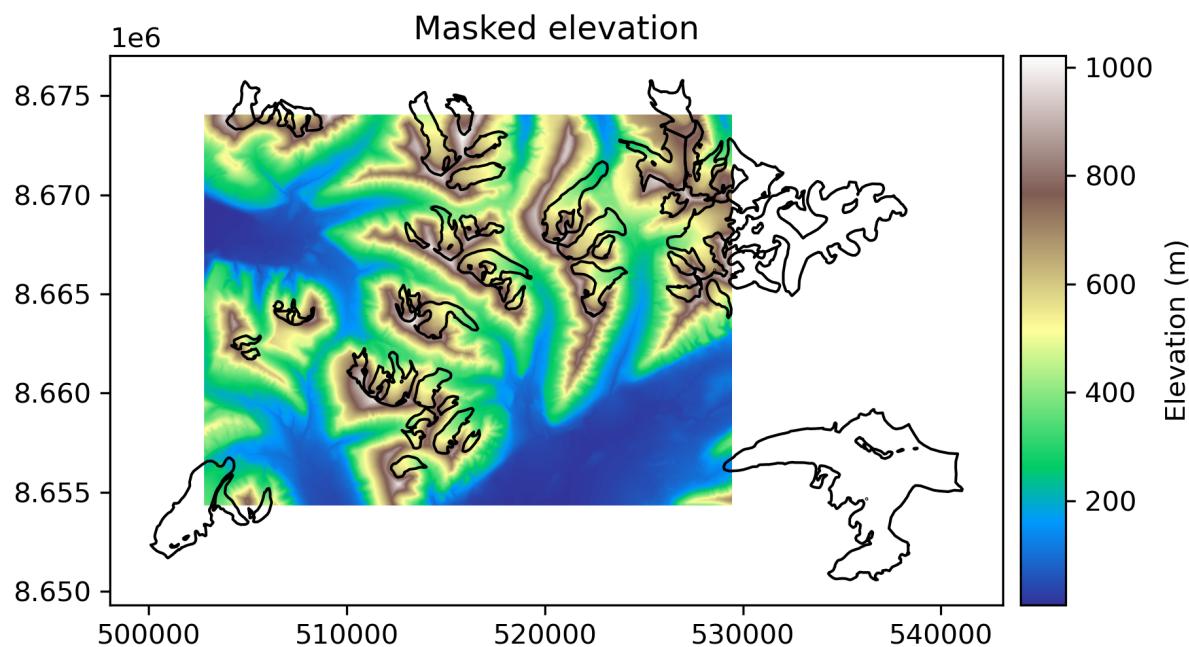
Date: 02/01/2026 21:23:15

Computing time: 18.00 seconds

## Elevation data



# Masked elevation data



## Information about inputs

### Information    Value

reference\_elev    {'path\_to\_elev': '../xdem/example\_data/Longyearbyen/data/DEM\_2009\_ref.tif', 'path\_to\_mask': '../xdem/example\_data/Longyearbyen/data/glacier\_mask/CryoClim\_GAO\_SJ\_1990.shp', 'from\_vcrs': None, 'to\_vcrs': None, 'downsample': 1}

## Elevation information

### Information    Value

Driver    GTiff

Filename    ../xdem/example\_data/Longyearbyen/data/DEM\_2009\_ref.tif

Grid size    None

Number of band    (1,)

Data types    float32

Nodata Value -9999.0  
Pixel interpretation Area  
Pixel size (20.0, 20.0)  
Width 1332  
Height 985  
Transform | 20.00, 0.00, 502810.00 | | 0.00,-20.00, 8674030.00 | | 0.00, 0.00,  
          1.00 |  
Bounds BoundingBox(left=502810.0, bottom=8654330.0,  
              right=529450.0, top=8674030.0)

## Global statistics

### Information Value

median 360.65  
nmad 290.22  
validcount 1312020

## Mask statistics

### Information Value

median 318.29  
nmad 278.1  
validcount 1312020

# Terrain attributes

