



Virginia Topographic Map



DesignMakeTeach

VIEW IN BROWSER

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Summary

Topographic map of Virginia created with a fabulous tutorial by @anoved
Creating height maps of large regions....

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Topographic map of Virginia created with a fabulous tutorial by @anoved
Creating height maps of large regions. <http://anoved.net/2015/09/creating-heightmaps-of-large-regions/>

Model was requested several years ago by an elementary teacher for use as a classroom manipulative. I could not find a method at the time to fulfill her request. Tweeted a call for assistance and @anoved stepped up with a tutorial. (I cheated and just used his heightmap photo rather than creating my own.)

The base of the model has been thickened for printability and the z-height has been exaggerated for impact as a learning tool. A remix with an accurate z-height scale would be valuable to the community.

Copy of the map has also been given to a local teacher of the visually impaired.

If you would like to print a map of a smaller rectangular region then check out the following easy to use website. <http://jthatch.com/terrain2stl/>

If you have suggestions for an easier method for creating topographic/ height maps of large regions, please leave a comment or contact me on Twitter @DesignMakeTeach

Remix in Tinkercad <https://www.tinkercad.com/things/j6njRIhJRhk>

Print Settings

Printer Brand:

Ultimaker

Printer:

Ultimaker 2

Rafts:

No

Supports:

No

Resolution:

0.3mm

Infill:

100%

Notes:

Printed with a 0.8mm nozzle for fast printing.

Category: Learning

Model files

virginia_topographic_map.stl



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