

Mapuploader Contours

vers 5.8

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Introduction

Contours are derived from hgt files

More accurate contours require hgt files with greater detail

The greater the detail the larger the file; large files require more memory ;hence on certain PCs java is unable to set aside the necessary memory required.

One solution: increase contour intervals , from 5 m to 10 m or even 50m

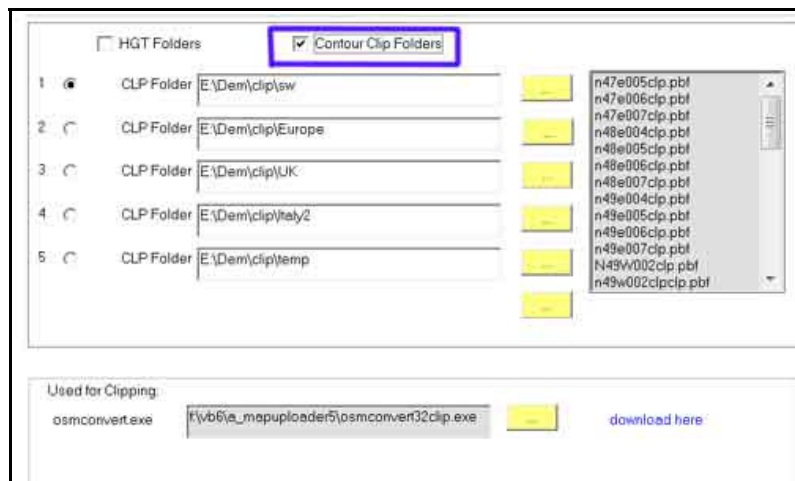
Another option is to clip your contours.

Clipping Contours

1) Establish which folder should contain your clipped contours

From main menu go Contours/DEM → Settings

Next, tick Contour Clip Folders



Create Clipped Contours

If your clipped folder (CF) is empty then you can get Mapuploader5 to create the clipped contours:



A screenshot of a settings panel with a light gray background. It contains three checkboxes: 'Add Contours' (checked), 'Clip Contours (CF1)' (checked), and 'Existing Clipped Contours (CF1)' (unchecked). The 'Add Contours' checkbox is highlighted with a darker gray background.

In our example the contours are *saved into CF1 (contour file 1)*

Auto Script:

```
<clip_path>1</clip_path># number or path to folder of clipped contours  
<contours>clip</contours>
```

Use Clipped Contours

When you want to use your existing clip files you can use the following settings:



A screenshot of a settings panel with a light gray background. It contains three checkboxes: 'Add Contours' (checked), 'Clip Contours (CF1)' (unchecked), and 'Existing Clipped Contours (CF1)' (checked). The 'Add Contours' checkbox is highlighted with a darker gray background.

NOTE: Always Tick Add Contours if you want to include or create clipped contours

This option saves time and memory and should be preferred

However, if you are sharing hgt files with other maps then you need to clip contours for each map (country)

Auto Script:

```
<clip_path>1</clip_path># number or path to folder of clipped contours  
<Contours>use_clip</Contours> # Clipped
```

Create Contours but don't use or create clipped contours.

<input checked="" type="checkbox"/> Add Contours	<input type="checkbox"/> Clip Contours (CF1)
	<input type="checkbox"/> Existing Clipped Contours (CF1)

This requires a lot of memory and processing power

Autoscript

<contours>yes</contours>

It presumes that all contours are in the same folder as the hgt files.

High Resolution Contours

A great deal of work by Sonny has gone into generating hgt files from LIDAR data, but only for certain countries.

These are more accurate than 1 arc hgt files and can be used by Mapuploader5.