

ArcToolbox

Clip

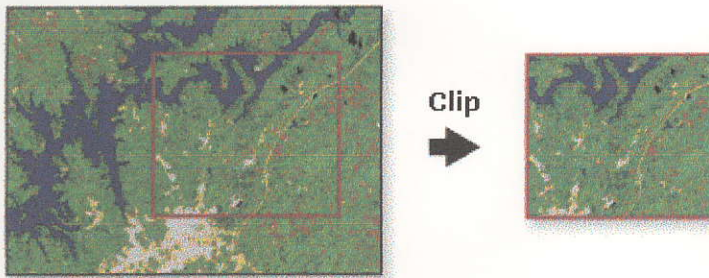
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Creates a spatial subset of a raster dataset. The clipped area is specified by a rectangular envelope. The rectangular envelope extents are specified using minimum and maximum X and Y coordinates.

▼ Illustration



▼ Usage Tips

- The CLIP tool allows you extract a portion of a raster dataset, based on a rectangular extent.
- The minimum and maximum x and y extents allows you to define the clip extents for your output raster dataset.
- The extent values must be in the same spatial coordinates and units as the raster dataset.
- For information about tool licensing (which tools are available in ArcView, ArcEditor and/or ArcInfo), see [Geoprocessing Commands Quick Reference Guide](#).

▼ Command line syntax

[Introducing geoprocessing methods - Using dialog boxes and the command line](#)

Clip_management <in_raster> <rectangle> <out_raster>

Parameters

Expression

<in_raster>

<rectangle>

<out_raster>

Explanation

Input raster dataset.

The rectangle defining the area to be clipped.

Define in the order : the X-Minimum, Y-Minimum, X-Maximum, Y-Maximum

Output raster dataset.

When not saving to a geodatabase, specify .tif for a TIFF file format, .img for an ERDAS IMAGINE file format, or no extension for a GRID file format.

Command Line Example

```
Clip_management D:\images\OverviewImage\Layer_1 '549790 5272863 549870 5273000' D:\images\ClippedOve
```

▼ Scripting syntax

[Introducing geoprocessing methods - Running a script](#)

