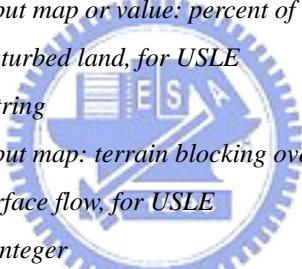


## 附錄 A

Command format	Flags and Parameters	Command description
r.fill.dir	<p><b>Flags</b></p> <p>-f find unresolved areas only</p> <p><b>Parameters</b></p> <p><i>input</i>=string  <i>Name of existing raster map containing elevation surface</i></p> <p><i>elevation</i>=string  <i>Output elevation raster map after filling</i></p> <p><i>direction</i>=string  <i>Output direction raster map</i></p> <p><i>areas</i>=string  <i>Output raster map of problem areas</i></p> <p><i>type</i>=string  <i>Output direction type AGNPS, ANSWERS or GRASS aspect</i>  <i>default: GRASS</i></p>	Filters and generates a depressionless elevation map and a flow direction map from a given elevation layer.
r.out.arc	<p><b>Flags</b></p> <p>-h Suppress printing of header information.  -1 List one entry per line instead of full row.</p> <p><b>Parameters</b></p> <p><i>input</i>=string  <i>Name of an existing raster map layer</i></p> <p><i>output</i>=string  <i>Name of an output ARC-GID map (use out=- for stdout)</i></p> <p><i>dp</i>=integer  <i>Number of decimal places</i>  <i>Default: 6</i></p>	Converts a raster map layer into an ESRI ARCGRID file.
r.out.tiff	<p><b>Flags</b></p> <p>-p <i>TIFF Palette output (8bit instead of 24bit).</i></p> <p>-t <i>Output TIFF world file</i></p> <p>-l <i>Output Tiled TIFF</i></p> <p>-v <i>Verbose mode.</i></p>	Exports a GRASS raster file to a 8/24bit TIFF image file at the pixel resolution of the currently defined region.

	<p><b>Parameters</b></p> <p><i>input</i> Existing raster file name  <i>output</i> File name for new TIFF file.  <i>compression</i> TIFF file compression  <i>Options:</i> none,packbit,deflate  <i>Default:</i> none</p>	
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r.terraflow	<p><b>Flags</b></p> <p>-s SFD (D8) flow (default is MFD)  -q Quiet</p> <p><b>Parameters</b></p> <p><i>elev=string</i>  <i>Input elevation grid</i></p> <p><i>filled=string</i>  <i>Output (filled) elevation grid</i></p> <p><i>direction=string</i>  <i>Output direction grid</i></p> <p><i>swatershed=string</i>  <i>Output sinkwatershed grid</i></p> <p><i>accumulation=string</i>  <i>Output accumulation grid</i></p> <p><i>tci=string</i>  <i>Output tci grid</i></p> <p><i>d8cut=float</i>  <i>If flow accumulation is larger than this value it is routed using SFD (D8) direction (meaningfull only for MFD flow)</i>  <i>Default: infinity</i></p> <p><i>memory=integer</i>  <i>Main memory size (in MB)</i>  <i>Default: 300</i></p> <p><i>STREAM_DIR=string</i>  <i>Location of intermediate STREAMs</i>  <i>Default: /var/tmp</i></p> <p><i>stats=string</i>  <i>Stats file</i>  <i>Default: stats.out</i></p>	Flow computation for massive grids (Float version).
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r.watershed	<p><b>Flags</b></p> <p>-m <i>Enable extend memory option: Operation is slow</i></p> <p>-4 <i>Allow only horizontal and vertical flow of water</i></p> <p><b>Parameters</b></p> <p><i>elevation=string</i> <i>Input map: elevation on which entire analysis is based</i></p> <p><i>depression=string</i> <i>Input map: locations of real depressions</i></p> <p><i>flow=string</i> <i>Input map: amount of overland flow per cell</i></p> <p><i>disturbed.land=string</i> <i>Input map or value: percent of disturbed land, for USLE</i></p>  <p><i>blocking=string</i> <i>Input map: terrain blocking overland surface flow, for USLE</i></p> <p><i>threshold=integer</i> <i>Input value: minimum size of exterior watershed basin</i></p> <p><i>max.slope.length=float</i> <i>Input value: maximum length of surface flow, for USLE</i></p> <p><i>accumulation=string</i> <i>Output map: number of cells that drain through each cell</i></p> <p><i>drainage=string</i> <i>Output map: drainage direction</i></p> <p><i>basin=string</i> <i>Output map: unique label for each watershed basin</i></p> <p><i>stream=string</i> <i>Output map: stream segments</i></p> <p><i>half.basin=string</i></p>	Watershed basin analysis program.
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	<p><i>Output map: each half-basin is given a unique value</i></p> <p><i>visual=string</i></p> <p><i>Output map: useful for visual display of results</i></p> <p><i>length.slope=string</i></p> <p><i>Output map: slope length and steepness (LS) factor for USLE</i></p> <p><i>slope.steepness=string</i></p> <p><i>Output map: slope steepness (S) factor for USLE</i></p>	
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