

附錄 A

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

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