Stream/road network files

Required when a stream and road network is specified.

Name:

User-specified

Read by:

`channel_read_network()`

Format:

ASCII

Purpose:

Contains channel routing parameters common to groups, or classes, of stream/road segments.

Comments:

The file format is relatively free. Data for a single class is expected to be on a single line, with spaces or tabs separating individual values. Integer fields can **not** contain a decimal point; float fields may or may not have a decimal point. However, float fields cannot be in an engineering or scientific format (that is 1e-7), they must typed out as decimal numbers. Comments can be inserted. A comment is considered any portion of a line following a pound sign (#).

Details:

The files consist of up to eight fields per line, specified in the following order:

Channel ID	unique identifier for the channel segment; must be a positive integer, but not necessarily consecutive (integer)	<required>
Segment order	segment order, which determines the order of routing computations, segments with lower order are routed first and segments receiving inflow from other segments must have a higher order than any of the segments from which inflow is received (integer)	<required>
Segment slope	segment slope in m/m (float)	<required>
Segment length	segment length in m (float)	<required>

Channel class ID	identifier for the channel class; must be positive(integer)	<required>
Destination channel ID	identifier of the segment to which this segment flows; use 0 for the basin outlet (integer)	<required>
Save indicator	Routing results for this segment will be placed in the stream/road output file if the keyword SAVE appears in this field (string)	
Segment name	segment name in the stream/road output file (string)	