

Stream Segment (Reach) Attributes Derived from TauDEM¹

(Commonly used geomorphic attributes are denoted *)

LINKNO	Link Number. A unique number associated with each link (i.e., segment of channel between junctions)
DSLINKNO	Link Number of the downstream link. -1 indicates that this does not exist.
USLINKNO1	Link Number of first upstream link
USLINKNO2	Link Number of second upstream link.
DSNODEID	Node identifier for node at downstream end of stream reach. This identifier corresponds to the "id" attribute from the Outlets shapefile used to designate nodes.
Order *	Strahler Stream Order
Length *	Length of the link
Magnitude	Shreve Magnitude of the link. This is the total number of sources upstream
DS_Cont_Ar *	Drainage area at the downstream end of the link. Generally this is one grid cell upstream of the downstream end because the drainage area at the downstream end grid cell includes the area of the stream being joined.
Drop	Drop in elevation from the start to the end of the link
Slope *	Average slope of the link (computed as drop/length)
Straight_L	Straight line distance from the start to the end of the link
US_Cont_Ar	Drainage area at the upstream end of the link
WSNO	Watershed number. Cross reference to the *.w.shp and *.w grid files giving the identification number of the watershed draining directly to the link.
DOUT_END	Distance to the outlet from the downstream end of the link
DOUT_START	Distance to the outlet from the upstream end of the link
DOUT_MID	Distance to the outlet from the midpoint of the link

¹TauDEM (Terrain Analysis Using Digital Elevation Models) Source: <http://hydrology.neng.usu.edu/taudem/taudem3.1/index.html>