crb_streams_over8m_100k.shp data dictionary

This shapefile includes attributes estimated at the 200m reach scale for Columbia basin rivers over 8 meters bank full width. The dataset was built using the 1:100k NHDplus and the 1:50k Canadian Watershed Atlas stream networks. Reaches falling in lakes and reservoirs have been removed from this layer.

Field name	Description
siteID	Unique ID for habitat model
UID	Unique ID for channel type model
RENUM	Unique numbers assigned to channel
GNIS_NAME	Stream name
HUC8	8 digit hydrologic unit code
HUC10	10 digit hydrologic unit code
HUCName	hydrologic unit name
Country	USA or Canada
BFW_M	bankfull width in meters
BFD_M	bankfull depth in meters
LENGTH_M	Reach length in meters
GAP2_F_ACC	flow accumulation
GAP2_P_ACC	flow accumulation weighted by precipitation
GAP2_S_ACC	flow accumulation weighted by fine sediment supply area
SLOPE_3rd	Slopes calculated for aggregated reaches. Reaches were aggregated by similar characteristics. This process was necessary to avoid the "rice paddy effect" in the flat areas in the DEM
SLOPE_4TH	Same as slope 3rd but If a reach has 0 slope value its adjacent reach's slope values are used as substitutes.
START_ELEV	elevation at the start point of a reach line (m)
END_ELEV	elevation at the end point of a reach line (m)
DIFF_ELEV	elevation difference between the end_elev and the start_elev (m)
MIN_ELEV	minimum elevation values within the 60m buffer at the reach's start point
MAX_ELEV	maximum elevation values within the 60m buffer at the reach's end point
fp_cur	Current floodplain width
fp_rest1	Floodplain width with restoration of small roads

fp_rest2	Floodplain width with restoration of small roads and rangeland
fp_rest3	Floodplain width with restoration of small roads, rangeland and cropland
fp_hist	Historic floodplain width
fp_diff	Fp_hist – fp_cur
S_STRESS	Shear stress. s_stress = 9.81 * 999 * slope * (BFW * BFD) / (BFW + 2 * BFD).
FORESTED	
land_use	Dominant land use type within 100 m buffer of reach midpoint
riparian_v	Dominant riparian vegetation type within the floodplain adjacent to reach
ecoregion	Level 3 EPA ecoregion name
OBSPRED_ID	NorWest modeled stream temperature ID