METRIC	TYPE	METRIC_FUNCTION	LABEL
bangmode	Boatable	nrsaBankMorphology	Mode of bank slope category (Zar 1984)
bap_low	Boatable	nrsaBankMorphology	Bank slopes 0-5 degrees (% reach)
bap_med	Boatable	nrsaBankMorphology	Bank slopes 5-30 degrees (% reach)
bap_stp	Boatable	nrsaBankMorphology	Bank slopes 30-75 degrees (% reach)
bap_vst	Boatable	nrsaBankMorphology	Bank slopes >75 degrees (% reach)
bka_q1	Wadeable	nrsaBankMorphology	Bank Angle-Lower Quartile (degrees)
bka_q3	Wadeable	nrsaBankMorphology	Bank Angle-Upper Quartile (degrees)
bkun_q1	Wadeable	nrsaBankMorphology	Undercut Distance-Lower Quartile (m)
bkun_q3	Wadeable	nrsaBankMorphology	Undercut Distance-Upper Quartile (m)
intqbka	Wadeable	nrsaBankMorphology	Bank Angle-Interquartile range (degrees)
intqbkun	Wadeable	nrsaBankMorphology	Undercut Distance- Interquartile range (m)
medbk_a	Wadeable	nrsaBankMorphology	Bank Angle--Median (degrees)
medbkun	Wadeable	nrsaBankMorphology	Undercut Distance--Median (m)
n_ba	Wadeable	nrsaBankMorphology	Number of observations--Bank Angle
n_ba	Boatable	nrsaBankMorphology	Number of observations--Bank Angle
n_un	Wadeable	nrsaBankMorphology	Number of observations--Undercut distance
sdbk_a	Wadeable	nrsaBankMorphology	Bank Angle--Std. Dev. (degrees)
sdun	Wadeable	nrsaBankMorphology	Undercut Distance--Std. Dev. (m)
xbka	Wadeable	nrsaBankMorphology	Bank Angle--mean (degrees)
xun	Wadeable	nrsaBankMorphology	Undercut Distance--Mean (m)
cp3_mill	Wadeable	nrsaBedStability	Hydraulic resistance due to bed particles at bank full
cp3_mill	Boatable	nrsaBedStability	Hydraulic resistance due to bed particles at bank full
cp3ctrpwd_rat	Wadeable	nrsaBedStability	Ratio of particle to total hydraulic resistances at bank full, not allowed to exceed 1
cp3ctrpwd_rat	Boatable	nrsaBedStability	Ratio of particle to total hydraulic resistances at bank full, not allowed to exceed 1
ct_rpwd	Wadeable	nrsaBedStability	Hydraulic resistance, total at bank full
ct_rpwd	Boatable	nrsaBedStability	Hydraulic resistance, total at bank full
Dcbf_g08	Wadeable	nrsaBedStability	Erodible substrate diameter geometric mean (2008)
Dcbf_g08	Boatable	nrsaBedStability	Erodible substrate diameter geometric mean (2008)
ldcbf_g08	Wadeable	nrsaBedStability	Log10(Streambed Critical Diameter-at Bankfull -- mm)(PRK 2008)
ldcbf_g08	Boatable	nrsaBedStability	Log10(Streambed Critical Diameter-at Bankfull -- mm)(PRK 2008)
ldmb_bw4	Wadeable	nrsaBedStability	Log10[Erod. Substr Dia.(mm)]-old #2
ldmb_bw4	Boatable	nrsaBedStability	Log10[Erodible Substr Dia.(mm)]-old #2
ldmb_bw5	Boatable	nrsaBedStability	Log10(Streambed Critical Diameter-at Bankfull - mm) (PRK 1999)
ldmb_bw5	Wadeable	nrsaBedStability	Log10(Streambed Critical Diameter-at Bankfull - mm) (PRK 1999)
lrbs_bw4	Wadeable	nrsaBedStability	Log10[Relative Bed Stability] - old #2
lrbs_bw4	Boatable	nrsaBedStability	Log10[Relative Bed Stability] - old #2
lrbs_bw5	Boatable	nrsaBedStability	Log10(Relative Bed Stability (Dgm/Dcb) (PRK 1999)
lrbs_bw5	Wadeable	nrsaBedStability	Log10(Relative Bed Stability (Dgm/Dcb) (PRK 1999)
lrbs_bw6	Boatable	nrsaBedStability	Log10[Erod. sub. dia.]- Est. 2 split BL
lrbs_bw6	Wadeable	nrsaBedStability	Log10[Erod. sub. dia.]- Est. 2 split BL
lrbs_g08	Wadeable	nrsaBedStability	Log10(Relative Bed Stability (Dgm/Dcb) (PRK 2008)
lrbs_g08	Boatable	nrsaBedStability	Log10(Relative Bed Stability (Dgm/Dcb) (PRK 2008)
lrbs_tst	Boatable	nrsaBedStability	Log10[Relative Bed Stability] - Fast est
lrbs_tst	Wadeable	nrsaBedStability	Log10[Relative Bed Stability] - Fast est

ltest	Boatable	nrsaBedStability	Log10[Erodible Substr Dia.(mm)]-Fast est
ltest	Wadeable	nrsaBedStability	Log10[Erod. Substr Dia.(mm)]-Fast est
rb3	Wadeable	nrsaBedStability	Hydraulic radius of channel at bank full
rb3	Boatable	nrsaBedStability	Hydraulic radius of channel at bank full
reyp3	Wadeable	nrsaBedStability	Particle Reynolds number at bank full
reyp3	Boatable	nrsaBedStability	Particle Reynolds number at bank full
rrpw3	Boatable	nrsaBedStability	Effective Hydraulic Radius at Bankfull (Adjusted for wood and pool roughnesses)
rrpw3	Wadeable	nrsaBedStability	Effective Hydraulic Radius at Bankfull (Adjusted for wood and pool roughnesses)
s_Dcbf_g08	Wadeable	nrsaBedStability	Bed surface particle critical diameter (mm) from Geom (2008), estimated lacking station increment
s_Dcbf_g08	Boatable	nrsaBedStability	Bed surface particle critical diameter (mm) from Geom (2008), estimated lacking station increment
s_ldcbf_g08	Boatable	nrsaBedStability	Log10(bed surface particle critical diameter from Geom (2008), estimated lacking station increment)
s_ldcbf_g08	Wadeable	nrsaBedStability	Log10(bed surface particle critical diameter from Geom (2008), estimated lacking station increment)
s_ldmb_bw5	Wadeable	nrsaBedStability	Est. ldmb_bw5 using s_rp100
s_ldmb_bw5	Boatable	nrsaBedStability	Est. ldmb_bw5 using s_rp100
s_lrbs_bw5	Boatable	nrsaBedStability	Est. lrbs_bw5 using s_rp100
s_lrbs_bw5	Wadeable	nrsaBedStability	Est. lrbs_bw5 using s_rp100
s_lrbs_bw6	Boatable	nrsaBedStability	Est. lrbs_bw6 using s_rp100
s_lrbs_bw6	Wadeable	nrsaBedStability	Est. lrbs_bw6 using s_rp100
s_lrbs_g08	Boatable	nrsaBedStability	Log10(Relative bed stability from Geom (2008), estimated lacking station increment)
s_lrbs_g08	Wadeable	nrsaBedStability	Log10(Relative bed stability from Geom (2008), estimated lacking station increment)
s_rp100	Boatable	nrsaBedStability	Estimated RP100 in absence of station increment
s_rp100	Wadeable	nrsaBedStability	Estimated RP100 in absence of station increment
shld_px3	Wadeable	nrsaBedStability	Shields parameter at bank full
shld_px3	Boatable	nrsaBedStability	Shields parameter at bank full
nbnk	Boatable	nrsaCanopyDensiometer	Number of Bank Obs-Densiometer
nbnk	Wadeable	nrsaCanopyDensiometer	Number of Bank Obs-Densiometer
nmid	Wadeable	nrsaCanopyDensiometer	Number of Mid-channel Obs-Densiometer
nmid	Boatable	nrsaCanopyDensiometer	Number of Mid-channel Obs-Densiometer
vcdenbk	Wadeable	nrsaCanopyDensiometer	Std. Dev. Bank Canopy Density (%)
vcdenbk	Boatable	nrsaCanopyDensiometer	Std. Dev. Bank Canopy Density (%)
vcdenmid	Boatable	nrsaCanopyDensiometer	Std. Dev. Mid-channel Canopy Density (%)
vcdenmid	Wadeable	nrsaCanopyDensiometer	Std. Dev. Mid-channel Canopy Density (%)
xcdenbk	Boatable	nrsaCanopyDensiometer	Canopy Density at bank (mean percent)
xcdenbk	Wadeable	nrsaCanopyDensiometer	Canopy Density at bank (mean percent)
xcdenmid	Boatable	nrsaCanopyDensiometer	Canopy Density at mid-channel (mean percent)
xcdenmid	Wadeable	nrsaCanopyDensiometer	Canopy Density at mid-channel (mean percent)
conbankfull	Wadeable	nrsaChannelChar	Site bankfull width
conbankfull	Boatable	nrsaChannelChar	Site bankfull width
confeatures	Wadeable	nrsaChannelChar	Constraining features
confeatures	Boatable	nrsaChannelChar	Constraining features
conpattern	Boatable	nrsaChannelChar	Channel pattern
conpattern	Wadeable	nrsaChannelChar	Channel pattern
conpercent	Boatable	nrsaChannelChar	Percent of channel length in contact with constraining features
conpercent	Wadeable	nrsaChannelChar	Percent of channel length in contact with constraining features
constraint	Wadeable	nrsaChannelChar	Channel constraint type

constraint	Boatable	nrsaChannelChar	Channel constraint type
convalley	Wadeable	nrsaChannelChar	Valley width, estimated
convalley	Boatable	nrsaChannelChar	Valley width, estimated
convalleybox	Boatable	nrsaChannelChar	Valley boarders not seen
convalleybox	Wadeable	nrsaChannelChar	Valley boarders not seen
pct_ca	Wadeable	nrsaChannelHabitat	Cascade (% of reach)
pct_ca	Boatable	nrsaChannelHabitat	Cascade (% of reach)
pct_dr	Boatable	nrsaChannelHabitat	Percent of Reach that is Dry
pct_dr	Wadeable	nrsaChannelHabitat	Percent of Reach that is Dry
pct_fa	Wadeable	nrsaChannelHabitat	Falls (% of reach)
pct_fa	Boatable	nrsaChannelHabitat	Falls (% of reach)
pct_fast	Wadeable	nrsaChannelHabitat	Percent Fast Water Habitat
pct_fast	Boatable	nrsaChannelHabitat	Percent Fast Water Habitat
pct_gl	Wadeable	nrsaChannelHabitat	Glide (% of reach)
pct_gl	Boatable	nrsaChannelHabitat	Glide (% of reach)
pct_p	Wadeable	nrsaChannelHabitat	Pool--Type not noted (% of reach)
pct_p	Boatable	nrsaChannelHabitat	Pool--Type not noted (% of reach)
pct_pb	Wadeable	nrsaChannelHabitat	Backwater Pool (% of reach length)
pct_pb	Boatable	nrsaChannelHabitat	Backwater Pool (% of reach length)
pct_pd	Boatable	nrsaChannelHabitat	Impoundment Pool (% of reach)
pct_pd	Wadeable	nrsaChannelHabitat	Impoundment Pool (% of reach)
pct_pl	Boatable	nrsaChannelHabitat	Lateral Scour Pool (% of reach)
pct_pl	Wadeable	nrsaChannelHabitat	Lateral Scour Pool (% of reach)
pct_pool	Wadeable	nrsaChannelHabitat	Pools -- All Types (% of reach)
pct_pool	Boatable	nrsaChannelHabitat	Pools -- All Types (% of reach)
pct_pp	Boatable	nrsaChannelHabitat	Plunge Pool (% of reach)
pct_pp	Wadeable	nrsaChannelHabitat	Plunge Pool (% of reach)
pct_pt	Boatable	nrsaChannelHabitat	Trench Pool (% of reach)
pct_pt	Wadeable	nrsaChannelHabitat	Trench Pool (% of reach)
pct_ra	Boatable	nrsaChannelHabitat	Rapids (% of reach)
pct_ra	Wadeable	nrsaChannelHabitat	Rapids (% of reach)
pct_ri	Boatable	nrsaChannelHabitat	Riffle (% of reach)
pct_ri	Wadeable	nrsaChannelHabitat	Riffle (% of reach)
pct_slow	Boatable	nrsaChannelHabitat	Percent of reach with Pool or Glide Habitat.
pct_slow	Wadeable	nrsaChannelHabitat	Percent of reach with Pool or Glide Habitat.
bfwd_rat	Boatable	nrsaChannelMorphology	Bankfull Width/Depth Ratio
bfwd_rat	Wadeable	nrsaChannelMorphology	Bankfull Width/Depth Ratio
n_bfrat	Wadeable	nrsaChannelMorphology	number of nonmissing values bfwd_rat
n_bfrat	Boatable	nrsaChannelMorphology	number of nonmissing values bf_rat
n_bh	Wadeable	nrsaChannelMorphology	no observations-Bankfull Height
n_bh	Boatable	nrsaChannelMorphology	no observations-Bankfull Height
n_bw	Boatable	nrsaChannelMorphology	no observations--Bankfull Width
n_bw	Wadeable	nrsaChannelMorphology	no observations--Bankfull Width
n_d	Wadeable	nrsaChannelMorphology	Number of obs -- Thalweg Depth
n_d	Boatable	nrsaChannelMorphology	Number of obs -- Thalweg Depth

n_incis	Boatable	nrsaChannelMorphology	Number of observations-Channel Incision Height (m)
n_incis	Wadeable	nrsaChannelMorphology	Number of observations-Channel Incision Height (m)
n_w	Wadeable	nrsaChannelMorphology	Number of obs -- Wetted Width
n_w	Boatable	nrsaChannelMorphology	Number of obs -- Wetted Width
n_wd	Boatable	nrsaChannelMorphology	Number of obs -- W*D Product
n_wd	Wadeable	nrsaChannelMorphology	Number of obs -- W*D Product
n_wdr	Boatable	nrsaChannelMorphology	Number of obs -- W/D Ratio
n_wdr	Wadeable	nrsaChannelMorphology	Number of obs -- W/D Ratio
sdbkf_h	Boatable	nrsaChannelMorphology	Bankfull Height-Standard deviation (m)
sdbkf_h	Wadeable	nrsaChannelMorphology	Standard deviation bankfull height (m)
sdbkf_w	Boatable	nrsaChannelMorphology	Bankfull Width--Standard deviation (m)
sdbkf_w	Wadeable	nrsaChannelMorphology	Standard deviation bankfull width (m)
sddepth	Wadeable	nrsaChannelMorphology	Standard deviation of Thalweg Depth (cm)
sddepth	Boatable	nrsaChannelMorphology	Standard deviation of Thalweg Depth (cm)
sdinc_h	Boatable	nrsaChannelMorphology	Channel Incision Ht.-Standard deviation (m)
sdinc_h	Wadeable	nrsaChannelMorphology	Channel Incision Ht.-Standard deviation (m)
sdwd_rat	Wadeable	nrsaChannelMorphology	Standard deviation of Width/Depth Ratio (m/m)
sdwd_rat	Boatable	nrsaChannelMorphology	Standard deviation of Width/Depth Ratio (m/m)
sdwidth	Wadeable	nrsaChannelMorphology	Standard deviation of Wetted Width (m)
sdwidth	Boatable	nrsaChannelMorphology	Standard deviation of Wetted Width (m)
sdwxd	Boatable	nrsaChannelMorphology	Standard deviation of Wetted Width x Thalweg Depth (m2)
sdwxd	Wadeable	nrsaChannelMorphology	Standard deviation of Wetted Width x Thalweg Depth (m2)
xbkf_h	Boatable	nrsaChannelMorphology	Mean Bankfull Height above wetted channel (m)
xbkf_h	Wadeable	nrsaChannelMorphology	Mean Bankfull Height above wetted channel (m)
xbkf_w	Boatable	nrsaChannelMorphology	Mean Bankfull Width (m)
xbkf_w	Wadeable	nrsaChannelMorphology	Mean Bankfull Width (m)
xdepth	Wadeable	nrsaChannelMorphology	Mean thalweg depth (cm)
xdepth	Boatable	nrsaChannelMorphology	Mean thalweg depth (cm)
xinc_h	Boatable	nrsaChannelMorphology	Terrace Height above water level (m)
xinc_h	Wadeable	nrsaChannelMorphology	Terrace Height above water level (m)
xwd_rat	Boatable	nrsaChannelMorphology	Mean Wetted Width/Thalweg Depth ratio
xwd_rat	Wadeable	nrsaChannelMorphology	Mean Wetted Width/Thalweg Depth ratio
xwidth	Wadeable	nrsaChannelMorphology	Mean Wetted Width (m)
xwidth	Boatable	nrsaChannelMorphology	Mean Wetted Width (m)
xwxd	Wadeable	nrsaChannelMorphology	Mean Wetted Width x Thalweg depth (m2)
xwxd	Boatable	nrsaChannelMorphology	Mean Wetted Width x Thalweg depth (m2)
pct_side	Wadeable	nrsaGeneral	Percent of reach with side channels/backwaters
pct_side	Boatable	nrsaGeneral	Percent of reach with side channels/backwaters
reachlen	Wadeable	nrsaGeneral	Sample Reach Length (m)
reachlen	Boatable	nrsaGeneral	Sample Reach Length (m)
sidecnt	Boatable	nrsaGeneral	Count of side channel transects sampled in reach
sidecnt	Wadeable	nrsaGeneral	Count of side channel transects sampled in reach
sdb_hall	Boatable	nrsaHumanInfluence	Standard deviation human disturbance on bank
sdb_hall	Wadeable	nrsaHumanInfluence	Standard deviation human disturbance on bank
sdc_hall	Boatable	nrsaHumanInfluence	Standard deviation human disturbance in channel

sdc_hall	Wadeable	nrsaHumanInfluence	Standard deviation human disturbance in channel
sdcb_hall	Wadeable	nrsaHumanInfluence	Standard deviation human disturbance on bank or channel
sdcb_hall	Boatable	nrsaHumanInfluence	Standard deviation human disturbance on bank or channel
sdwcb_hall	Wadeable	nrsaHumanInfluence	Standard deviation weighted human disturbance on bank or channel
sdwcb_hall	Boatable	nrsaHumanInfluence	Standard deviation weighted human disturbance on bank or channel
w1_hag	Boatable	nrsaHumanInfluence	Human Agricultural Influence Index(distance-wtd tally of types and presence
w1_hag	Wadeable	nrsaHumanInfluence	Human Agricultural Influence Index(distance-wtd tally of types and presence
w1_hall	Wadeable	nrsaHumanInfluence	Human Disturbance Index(distance-wtd tally of types and presence
w1_hall	Boatable	nrsaHumanInfluence	Human Disturbance Index(distance-wtd tally of types and presence
w1_hnoag	Wadeable	nrsaHumanInfluence	Human Non-Agricultural Disturbance Index (distance weighted tally of types and presence)
w1_hnoag	Boatable	nrsaHumanInfluence	Human Non-Agricultural Disturbance Index (distance weighted tally of types and presence)
w1h_bldg	Wadeable	nrsaHumanInfluence	Riparian Disturbance--Buildings (ProxWt Pres)
w1h_bldg	Boatable	nrsaHumanInfluence	Riparian Disturbance--Buildings (ProxWt Pres)
w1h_crop	Boatable	nrsaHumanInfluence	Near Channel Human Dist : Row Crops (distance-wtd tally of presence
w1h_crop	Wadeable	nrsaHumanInfluence	Near Channel Human Dist : Row Crops (distance-wtd tally of presence
w1h_ldfl	Boatable	nrsaHumanInfluence	Riparian Disturbance--Trash/Landfill (ProxWt Pres)
w1h_ldfl	Wadeable	nrsaHumanInfluence	Riparian Disturbance--Trash/Landfill (ProxWt Pres)
w1h_log	Wadeable	nrsaHumanInfluence	Riparian Disturbance--Logging Activity (ProxWt Pres)
w1h_log	Boatable	nrsaHumanInfluence	Riparian Disturbance--Logging Activity (ProxWt Pres)
w1h_mine	Boatable	nrsaHumanInfluence	Riparian Disturbance--Mining Activity (ProxWt Pres)
w1h_mine	Wadeable	nrsaHumanInfluence	Riparian Disturbance--Mining Activity (ProxWt Pres)
w1h_park	Boatable	nrsaHumanInfluence	Riparian Disturbance--Lawn/Park (ProxWt Pres)
w1h_park	Wadeable	nrsaHumanInfluence	Riparian Disturbance--Lawn/Park (ProxWt Pres)
w1h_pipe	Wadeable	nrsaHumanInfluence	Riparian Disturbance--Pipes infl/effl (ProxWt Pres)
w1h_pipe	Boatable	nrsaHumanInfluence	Riparian Disturbance--Pipes infl/effl (ProxWt Pres)
w1h_pstr	Boatable	nrsaHumanInfluence	Riparian Disturbance--Pasture/Hayfield (ProxWt Pres)
w1h_pstr	Wadeable	nrsaHumanInfluence	Riparian Disturbance--Pasture/Hayfield (ProxWt Pres)
w1h_pvmt	Boatable	nrsaHumanInfluence	Riparian Disturbance--Pavement (ProxWt Pres)
w1h_pvmt	Wadeable	nrsaHumanInfluence	Riparian Disturbance--Pavement (ProxWt Pres)
w1h_road	Wadeable	nrsaHumanInfluence	Riparian Disturbance--Road/Railroad (ProxWt Pres)
w1h_road	Boatable	nrsaHumanInfluence	Riparian Disturbance--Road/Railroad (ProxWt Pres)
w1h_wall	Wadeable	nrsaHumanInfluence	Near Channel Human Disturbance: Walls/dikes/revetments (distance-weighted tally of presence)
w1h_wall	Boatable	nrsaHumanInfluence	Near Channel Human Disturbance: Walls/dikes/revetments (distance-weighted tally of presence)
x_hag	Boatable	nrsaHumanInfluence	Riparian Disturbance Sum-Ag Types rip Plt & Beyond
x_hag	Wadeable	nrsaHumanInfluence	Riparian Disturbance Sum-Ag Types rip Plt & Beyond
x_hall	Wadeable	nrsaHumanInfluence	Riparian Disturbance--Sum All Types str plt & beyond
x_hall	Boatable	nrsaHumanInfluence	Riparian Disturbance--Sum All Types str plt & beyond
x_hnoag	Wadeable	nrsaHumanInfluence	Riparian Disturbance Sum-Non Ag rip Plt & Beyond
x_hnoag	Boatable	nrsaHumanInfluence	Riparian Disturbance Sum-Non Ag rip Plt & Beyond
xb_hag	Wadeable	nrsaHumanInfluence	Riparian Disturbance-Sum Ag Types instrm & in plot
xb_hag	Boatable	nrsaHumanInfluence	Riparian Disturbance-Sum Ag Types instrm & in plot
xb_hall	Boatable	nrsaHumanInfluence	Riparian Disturbance--Sum All Types instrm & on bank
xb_hall	Wadeable	nrsaHumanInfluence	Riparian Disturbance--Sum All Types instrm & on bank
xb_hnoag	Wadeable	nrsaHumanInfluence	Riparian Disturbance Sum-Non ag Types instrm & Plot
xb_hnoag	Boatable	nrsaHumanInfluence	Riparian Disturbance Sum-Non ag Types instrm & Plot
xc_hag	Wadeable	nrsaHumanInfluence	Riparian Disturbance-Sum of Ag Types in Ripar Plot
xc_hag	Boatable	nrsaHumanInfluence	Riparian Disturbance-Sum of Ag Types in Ripar Plot

xc_hall	Boatable	nrsaHumanInfluence	Riparian Disturbance--Sum All Types in Ripar Plots
xc_hall	Wadeable	nrsaHumanInfluence	Riparian Disturbance--Sum All Types in Ripar Plots
xc_hnoag	Boatable	nrsaHumanInfluence	Riparian Disturbance Sum-Non Ag Types in Ripar Plot
xc_hnoag	Wadeable	nrsaHumanInfluence	Riparian Disturbance Sum-Non Ag Types in Ripar Plot
xcb_hag	Wadeable	nrsaHumanInfluence	Riparian Disturbance Sum-Ag Types instrm & on Bank
xcb_hag	Boatable	nrsaHumanInfluence	Riparian Disturbance Sum-Ag Types instrm & on Bank
xcb_hall	Wadeable	nrsaHumanInfluence	Riparian Disturbance--Sum All Types instrm & in plot
xcb_hall	Boatable	nrsaHumanInfluence	Riparian Disturbance--Sum All Types instrm & in plot
xcb_hnag	Boatable	nrsaHumanInfluence	Riparian Disturbance Sum-Non Ag Types instrm & Bank
xcb_hnag	Wadeable	nrsaHumanInfluence	Riparian Disturbance Sum-Non Ag Types instrm & Bank
xf_hag	Boatable	nrsaHumanInfluence	Riparian Disturbance Sum-Ag Types Beyond Ripar Plot
xf_hag	Wadeable	nrsaHumanInfluence	Riparian Disturbance Sum-Ag Types Beyond Ripar Plot
xf_hall	Boatable	nrsaHumanInfluence	Riparian Disturbance--Sum All Types beyond Rip Plots
xf_hall	Wadeable	nrsaHumanInfluence	Riparian Disturbance--Sum All Types beyond Rip Plots
xf_hnoag	Boatable	nrsaHumanInfluence	Riparian Disturbance Sum-Non Ag Types Beyond Rip Plt
xf_hnoag	Wadeable	nrsaHumanInfluence	Riparian Disturbance Sum-Non Ag Types Beyond Rip Plt
f_arudon	Boatable	nrsaInvasiveSpecies	Frequency of Giant Reed (*Arundo donax*)
f_arudon	Wadeable	nrsaInvasiveSpecies	Frequency of Giant Reed (*Arundo donax*)
f_butumb	Boatable	nrsaInvasiveSpecies	Frequency of Flowering Rush (*Butomus umbeliatus*)
f_eiccra	Wadeable	nrsaInvasiveSpecies	Frequency of Water Hyacinth (*Eichhornia crassipes*)
f_eiccra	Boatable	nrsaInvasiveSpecies	Frequency of Water Hyacinth (*Eichhornia crassipes*)
f_eupesu	Wadeable	nrsaInvasiveSpecies	Frequency of Leafy Spurge (*Euphorbia esula*)
f_eupesu	Boatable	nrsaInvasiveSpecies	Frequency of Leafy Spurge (*Euphorbia esula*)
f_hydver	Wadeable	nrsaInvasiveSpecies	Frequency of Hydrilla (*Hydrilla verticillata*)
f_hydver	Boatable	nrsaInvasiveSpecies	Frequency of Hydrilla (*Hydrilla verticillata*)
f_lytsal	Boatable	nrsaInvasiveSpecies	Frequency of Purple Loosestrife (*Lythrum salicaria*)
f_lytsal	Wadeable	nrsaInvasiveSpecies	Frequency of Purple Loosestrife (*Lythrum salicaria*)
f_myrspi	Boatable	nrsaInvasiveSpecies	Frequency of Eurasian Water Milfoil (*Myriophyllum spicatum*)
f_myrspi	Wadeable	nrsaInvasiveSpecies	Frequency of Eurasian Water Milfoil (*Myriophyllum spicatum*)
f_none	Wadeable	nrsaInvasiveSpecies	Frequency of no alien plant species
f_none	Boatable	nrsaInvasiveSpecies	Frequency of no alien plant species
f_rosmul	Boatable	nrsaInvasiveSpecies	Frequency of Multi-flora Rose (*Rosa multiflora*)
f_rosmul	Wadeable	nrsaInvasiveSpecies	Frequency of Multi-flora Rose (*Rosa multiflora*)
f_tamspp	Boatable	nrsaInvasiveSpecies	Frequency of Salt Cedar (*Tamarix* spp.)
f_tamspp	Wadeable	nrsaInvasiveSpecies	Frequency of Salt Cedar (*Tamarix* spp.)
ip_score	Wadeable	nrsaInvasiveSpecies	Invasive plants sum of frequencies of occurrence
ip_score	Boatable	nrsaInvasiveSpecies	Invasive plants sum of frequencies of occurrence
c1d	Boatable	nrsaLargeWoody	large woody debris in bankfull channel and dry (#/reach-all sizes)
c1d	Wadeable	nrsaLargeWoody	large woody debris above bankfull channel (#/reach-all sizes)
c1dm100	Boatable	nrsaLargeWoody	large woody debris in bankfull channel and dry (#/100m-all sizes)
c1dm100	Wadeable	nrsaLargeWoody	large woody debris above bankfull channel (#/100m-all sizes)
c1t	Wadeable	nrsaLargeWoody	large woody debris in/over bankfull channel (#/reach-all sizes)
c1t	Boatable	nrsaLargeWoody	large woody debris in/over wetted channel (#/reach-all sizes)
c1tm100	Boatable	nrsaLargeWoody	large woody debris in/above wet channel (#/100m-all sizes)
c1tm100	Wadeable	nrsaLargeWoody	large woody debris in/above bankfull channel (#/100m-all sizes)

c1w	Wadeable	nrsaLargeWoody	large woody debris in Bankfull channel (#/reach-all sizes)
c1w	Boatable	nrsaLargeWoody	large woody debris in wetted channel (#/reach-all sizes)
c1w_msq	Boatable	nrsaLargeWoody	large woody debris in wetted channel (#/m2-all sizes)
c1w_msq	Wadeable	nrsaLargeWoody	large woody debris in bankfull channel (#/m2-all sizes)
c1wm100	Boatable	nrsaLargeWoody	Woody Debris pieces/100m
c1wm100	Wadeable	nrsaLargeWoody	Woody Debris pieces/100m
c2d	Boatable	nrsaLargeWoody	large woody debris in bankfull channel and dry (#/reach-SMLX)
c2d	Wadeable	nrsaLargeWoody	large woody debris above bankfull channel (#/reach-SMLX)
c2dm100	Wadeable	nrsaLargeWoody	large woody debris above bankfull channel (#/100m-SMLX)
c2dm100	Boatable	nrsaLargeWoody	large woody debris in bankfull channel and dry (#/100m-SMLX)
c2t	Wadeable	nrsaLargeWoody	large woody debris in/over bankfull channel (#/reach-SMLX)
c2t	Boatable	nrsaLargeWoody	large woody debris in/over wetted channel (#/reach-SMLX)
c2tm100	Wadeable	nrsaLargeWoody	large woody debris in/above bankfull channel (#/100m-SMLX)
c2tm100	Boatable	nrsaLargeWoody	large woody debris in/above wetted channel (#/100m-SMLX)
c2w	Boatable	nrsaLargeWoody	large woody debris in wetted channel (#/reach-SMLX)
c2w	Wadeable	nrsaLargeWoody	large woody debris in Bankfull channel (#/reach-SMLX)
c2w_msq	Wadeable	nrsaLargeWoody	large woody debris in bankfull channel (#/m2-SMLX)
c2w_msq	Boatable	nrsaLargeWoody	large woody debris in wetted channel (#/m2-SMLX)
c2wm100	Wadeable	nrsaLargeWoody	large woody debris in bankfull channel (#/100m-SMLX)
c2wm100	Boatable	nrsaLargeWoody	large woody debris in wetted channel (#/100m-SMLX)
c3d	Wadeable	nrsaLargeWoody	large woody debris above bankfull channel (#/reach-MLX)
c3d	Boatable	nrsaLargeWoody	large woody debris in bankfull channel and dry (#/reach-MLX)
c3dm100	Boatable	nrsaLargeWoody	large woody debris in bankfull channel and dry (#/100m-MLX)
c3dm100	Wadeable	nrsaLargeWoody	large woody debris above bankfull channel (#/100m-MLX)
c3t	Wadeable	nrsaLargeWoody	large woody debris in/over bankfull channel (#/reach-MLX)
c3t	Boatable	nrsaLargeWoody	large woody debris in/over wetted channel (#/reach-MLX)
c3tm100	Boatable	nrsaLargeWoody	large woody debris in/above wetted channel (#/100m-MLX)
c3tm100	Wadeable	nrsaLargeWoody	large woody debris in/above bankfull channel (#/100m-MLX)
c3w	Wadeable	nrsaLargeWoody	large woody debris in Bankfull channel (#/reach-MLX)
c3w	Boatable	nrsaLargeWoody	large woody debris in wetted channel (#/reach-MLX)
c3w_msq	Boatable	nrsaLargeWoody	large woody debris in wetted channel (#/m2-MLX)
c3w_msq	Wadeable	nrsaLargeWoody	large woody debris in bankfull channel (#/m2-MLX)
c3wm100	Boatable	nrsaLargeWoody	large woody debris in wetted channel (#/100m-MLX)
c3wm100	Wadeable	nrsaLargeWoody	large woody debris in bankfull channel (#/100m-MLX)
c4d	Boatable	nrsaLargeWoody	large woody debris in bankfull channel and dry (#/reach-LX)
c4d	Wadeable	nrsaLargeWoody	large woody debris above bankfull channel (#/reach-LX)
c4dm100	Boatable	nrsaLargeWoody	large woody debris in bankfull channel and dry (#/100m-LX)
c4dm100	Wadeable	nrsaLargeWoody	large woody debris above bankfull channel (#/100m-LX)
c4t	Boatable	nrsaLargeWoody	large woody debris in/over wetted channel (#/reach-LX)
c4t	Wadeable	nrsaLargeWoody	large woody debris in/over bankfull channel (#/reach-LX)
c4tm100	Boatable	nrsaLargeWoody	large woody debris in/above wetted channel (#/100m-LX)
c4tm100	Wadeable	nrsaLargeWoody	large woody debris in/above bankfull channel (#/100m-LX)
c4w	Wadeable	nrsaLargeWoody	large woody debris in Bankfull channel (#/reach-LX)
c4w	Boatable	nrsaLargeWoody	large woody debris in wetted channel (#/reach-LX)
c4w_msq	Boatable	nrsaLargeWoody	large woody debris in wetted channel (#/m2-LX)
c4w_msq	Wadeable	nrsaLargeWoody	large woody debris in bankfull channel (#/m2-LX)
c4wm100	Boatable	nrsaLargeWoody	large woody debris in wetted channel (#/100m-LX)

c4wm100	Wadeable	nrsaLargeWoody	large woody debris in bankfull channel (#/100m-LX)
c5d	Wadeable	nrsaLargeWoody	large woody debris above bankfull channel (#/reach-X)
c5d	Boatable	nrsaLargeWoody	large woody debris in bankfull channel and dry (#/reach-X)
c5dm100	Wadeable	nrsaLargeWoody	large woody debris above bankfull channel (#/100m-X)
c5dm100	Boatable	nrsaLargeWoody	large woody debris in bankfull channel and dry (#/100m-X)
c5t	Wadeable	nrsaLargeWoody	large woody debris in/over bankfull channel (#/reach-X)
c5t	Boatable	nrsaLargeWoody	large woody debris in/over wetted channel (#/reach-X)
c5tm100	Boatable	nrsaLargeWoody	large woody debris in/above wetted channel (#/100m-X)
c5tm100	Wadeable	nrsaLargeWoody	large woody debris in/above bankfull channel (#/100m-X)
c5w	Boatable	nrsaLargeWoody	large woody debris in wetted channel (#/reach-X)
c5w	Wadeable	nrsaLargeWoody	large woody debris in Bankfull channel (#/reach-X)
c5w_msq	Boatable	nrsaLargeWoody	large woody debris in wetted channel (#/m2-X)
c5w_msq	Wadeable	nrsaLargeWoody	large woody debris in bankfull channel (#/m2-X)
c5wm100	Wadeable	nrsaLargeWoody	large woody debris in bankfull channel (#/100m-X)
c5wm100	Boatable	nrsaLargeWoody	large woody debris in wetted channel (#/100m-X)
lgdiatot	Boatable	nrsaLargeWoody	Count/reach all small diameter large woody debris
lgdiatot	Wadeable	nrsaLargeWoody	Count/reach all small diameter large woody debris
lgdrydia	Boatable	nrsaLargeWoody	Count/reach all dry large diameter large woody debris
lgdrydia	Wadeable	nrsaLargeWoody	Count/reach all dry large diameter large woody debris
lgdrylen	Boatable	nrsaLargeWoody	Count/reach all dry long length large woody debris
lgdrylen	Wadeable	nrsaLargeWoody	Count/reach all dry long length large woody debris
lglentot	Boatable	nrsaLargeWoody	Count/reach all long length large woody debris
lglentot	Wadeable	nrsaLargeWoody	Count/reach all long length large woody debris
lgwetdia	Wadeable	nrsaLargeWoody	Count/reach all wet large diameter large woody debris
lgwetdia	Boatable	nrsaLargeWoody	Count/reach all wet large diameter large woody debris
lgwetlen	Boatable	nrsaLargeWoody	Count/reach all wet long length large woody debris
lgwetlen	Wadeable	nrsaLargeWoody	Count/reach all wet long length large woody debris
lwddv33	Wadeable	nrsaLargeWoody	Volume/reach (Robison 1998) of dry large woody debris
lwddv33	Boatable	nrsaLargeWoody	Volume/reach (Robison 1998) of dry large woody debris
lwddvcal	Boatable	nrsaLargeWoody	Volume/reach (other) of dry large woody debris
lwddvcal	Wadeable	nrsaLargeWoody	Volume/reach (other) of dry large woody debris
lwdtv33	Boatable	nrsaLargeWoody	Volume/reach (Robison 1998) of all large woody debris
lwdtv33	Wadeable	nrsaLargeWoody	Volume/reach (Robison 1998) of all large woody debris
lwdtvcal	Boatable	nrsaLargeWoody	Volume/reach (other) of all large woody debris
lwdtvcal	Wadeable	nrsaLargeWoody	Volume/reach (other) of all large woody debris
lwdwv33	Wadeable	nrsaLargeWoody	Volume/reach (Robison 1998) of wet large woody debris
lwdwv33	Boatable	nrsaLargeWoody	Volume/reach (Robison 1998) of wet large woody debris
lwdwvcal	Boatable	nrsaLargeWoody	Volume/reach (other) of wet large woody debris
lwdwvcal	Wadeable	nrsaLargeWoody	Volume/reach (other) of wet large woody debris
mddiatot	Boatable	nrsaLargeWoody	Count/reach all small diameter large woody debris
mddiatot	Wadeable	nrsaLargeWoody	Count/reach all small diameter large woody debris
mddrydia	Wadeable	nrsaLargeWoody	Count/reach all dry medium diameter large woody debris
mddrydia	Boatable	nrsaLargeWoody	Count/reach all dry medium diameter large woody debris
mddrylen	Wadeable	nrsaLargeWoody	Count/reach all dry medium length large woody debris
mddrylen	Boatable	nrsaLargeWoody	Count/reach all dry medium length large woody debris
mdlentot	Boatable	nrsaLargeWoody	Count/reach all medium length large woody debris
mdlentot	Wadeable	nrsaLargeWoody	Count/reach all medium length large woody debris

mdwetdia	Wadeable	nrsaLargeWoody	Count/reach all wet medium diameter large woody debris
mdwetdia	Boatable	nrsaLargeWoody	Count/reach all wet medium diameter large woody debris
mdwetlen	Wadeable	nrsaLargeWoody	Count/reach all wet medium length large woody debris
mdwetlen	Boatable	nrsaLargeWoody	Count/reach all wet medium length large woody debris
nc	Wadeable	nrsaLargeWoody	number of nonmissing wet observations
nc	Boatable	nrsaLargeWoody	number of nonmissing wet observations
ns	Boatable	nrsaLargeWoody	number of nonmissing dry observations
ns	Wadeable	nrsaLargeWoody	number of nonmissing dry observations
reachdldll	Boatable	nrsaLargeWoody	Count/reach dry large diameter long length large woody debris
reachdldll	Wadeable	nrsaLargeWoody	Count/reach dry large diameter long length large woody debris
reachdldml	Boatable	nrsaLargeWoody	Count/reach dry large diameter medium length large woody debris
reachdldml	Wadeable	nrsaLargeWoody	Count/reach dry large diameter medium length large woody debris
reachdldsl	Wadeable	nrsaLargeWoody	Count/reach dry large diameter short length large woody debris
reachdldsl	Boatable	nrsaLargeWoody	Count/reach dry large diameter short length large woody debris
reachdmdll	Boatable	nrsaLargeWoody	Count/reach dry medium diameter long length large woody debris
reachdmdll	Wadeable	nrsaLargeWoody	Count/reach dry medium diameter long length large woody debris
reachdmdml	Boatable	nrsaLargeWoody	Count/reach dry medium diameter medium length large woody debris
reachdmdml	Wadeable	nrsaLargeWoody	Count/reach dry medium diameter medium length large woody debris
reachdmdsl	Boatable	nrsaLargeWoody	Count/reach dry medium diameter short length large woody debris
reachdmdsl	Wadeable	nrsaLargeWoody	Count/reach dry medium diameter short length large woody debris
reachdryt	Wadeable	nrsaLargeWoody	Count/reach all dry size classes
reachdryt	Boatable	nrsaLargeWoody	Count/reach all dry size classes
reachdsdll	Boatable	nrsaLargeWoody	Count/reach dry small diameter long length large woody debris
reachdsdll	Wadeable	nrsaLargeWoody	Count/reach dry small diameter long length large woody debris
reachdsdml	Wadeable	nrsaLargeWoody	Count/reach dry small diameter medium length large woody debris
reachdsdml	Boatable	nrsaLargeWoody	Count/reach dry small diameter medium length large woody debris
reachdsdsl	Wadeable	nrsaLargeWoody	Count/reach dry small diameter short length large woody debris
reachdsdsl	Boatable	nrsaLargeWoody	Count/reach dry small diameter short length large woody debris
reachdxdll	Wadeable	nrsaLargeWoody	Count/reach dry xlarge diameter long length large woody debris
reachdxdll	Boatable	nrsaLargeWoody	Count/reach dry xlarge diameter long length large woody debris
reachdxdml	Boatable	nrsaLargeWoody	Count/reach dry xlarge diameter medium length large woody debris
reachdxdml	Wadeable	nrsaLargeWoody	Count/reach dry xlarge diameter medium length large woody debris
reachdxdsl	Wadeable	nrsaLargeWoody	Count/reach dry xlarge diameter short length large woody debris
reachdxdsl	Boatable	nrsaLargeWoody	Count/reach dry xlarge diameter short length large woody debris
reachtldll	Boatable	nrsaLargeWoody	Count/reach tot large diameter long length large woody debris
reachtldll	Wadeable	nrsaLargeWoody	Count/reach tot large diameter long length large woody debris
reachtldml	Wadeable	nrsaLargeWoody	Count/reach tot large diameter medium length large woody debris
reachtldml	Boatable	nrsaLargeWoody	Count/reach tot large diameter medium length large woody debris
reachtldsl	Boatable	nrsaLargeWoody	Count/reach tot large diameter short length large woody debris
reachtldsl	Wadeable	nrsaLargeWoody	Count/reach tot large diameter short length large woody debris
reachtmdll	Boatable	nrsaLargeWoody	Count/reach tot medium diameter long length large woody debris
reachtmdll	Wadeable	nrsaLargeWoody	Count/reach tot medium diameter long length large woody debris
reachtmdml	Boatable	nrsaLargeWoody	Count/reach tot medium diameter med length large woody debris
reachtmdml	Wadeable	nrsaLargeWoody	Count/reach tot medium diameter med length large woody debris
reachtmdsl	Wadeable	nrsaLargeWoody	Count/reach tot medium diameter short length large woody debris
reachtmdsl	Boatable	nrsaLargeWoody	Count/reach tot medium diameter short length large woody debris
reachtsdll	Boatable	nrsaLargeWoody	Count/reach tot small diameter long length large woody debris

reachtsdll	Wadeable	nrsaLargeWoody	Count/reach tot small diameter long length large woody debris
reachtsdml	Wadeable	nrsaLargeWoody	Count/reach tot small diameter medium length large woody debris
reachtsdml	Boatable	nrsaLargeWoody	Count/reach tot small diameter medium length large woody debris
reachtsdsl	Wadeable	nrsaLargeWoody	Count/reach tot small diameter short length large woody debris
reachtsdsl	Boatable	nrsaLargeWoody	Count/reach tot small diameter short length large woody debris
reachtxdll	Wadeable	nrsaLargeWoody	Count/reach tot xlarge diameter long length large woody debris
reachtxdll	Boatable	nrsaLargeWoody	Count/reach tot xlarge diameter long length large woody debris
reachtxdml	Wadeable	nrsaLargeWoody	Count/reach tot xlarge diameter med length large woody debris
reachtxdml	Boatable	nrsaLargeWoody	Count/reach tot xlarge diameter med length large woody debris
reachtxdsl	Boatable	nrsaLargeWoody	Count/reach tot xlarge diameter short length large woody debris
reachtxdsl	Wadeable	nrsaLargeWoody	Count/reach tot xlarge diameter short length large woody debris
reachwdt	Boatable	nrsaLargeWoody	Count/reach all wood
reachwdt	Wadeable	nrsaLargeWoody	Count/reach all wood
reachwett	Wadeable	nrsaLargeWoody	Count/reach all wet size classes
reachwett	Boatable	nrsaLargeWoody	Count/reach all wet size classes
reachwldll	Boatable	nrsaLargeWoody	Count/reach wet large diameter long length large woody debris
reachwldll	Wadeable	nrsaLargeWoody	Count/reach wet large diameter long length large woody debris
reachwldml	Wadeable	nrsaLargeWoody	Count/reach wet large diameter medium length large woody debris
reachwldml	Boatable	nrsaLargeWoody	Count/reach wet large diameter medium length large woody debris
reachwldsl	Wadeable	nrsaLargeWoody	Count/reach wet large diameter short length large woody debris
reachwldsl	Boatable	nrsaLargeWoody	Count/reach wet large diameter short length large woody debris
reachwmdll	Boatable	nrsaLargeWoody	Count/reach wet medium diameter long length large woody debris
reachwmdll	Wadeable	nrsaLargeWoody	Count/reach wet medium diameter long length large woody debris
reachwmdml	Wadeable	nrsaLargeWoody	Count/reach wet medium diameter medium length large woody debris
reachwmdml	Boatable	nrsaLargeWoody	Count/reach wet medium diameter medium length large woody debris
reachwmdsl	Wadeable	nrsaLargeWoody	Count/reach wet medium diameter short length large woody debris
reachwmdsl	Boatable	nrsaLargeWoody	Count/reach wet medium diameter short length large woody debris
reachwsdll	Boatable	nrsaLargeWoody	Count/reach wet small diameter long length large woody debris
reachwsdll	Wadeable	nrsaLargeWoody	Count/reach wet small diameter long length large woody debris
reachwsdml	Boatable	nrsaLargeWoody	Count/reach wet small diameter medium length large woody debris
reachwsdml	Wadeable	nrsaLargeWoody	Count/reach wet small diameter medium length large woody debris
reachwsdsl	Boatable	nrsaLargeWoody	Count/reach wet small diameter short length large woody debris
reachwsdsl	Wadeable	nrsaLargeWoody	Count/reach wet small diameter short length large woody debris
reachwxdll	Wadeable	nrsaLargeWoody	Count/reach wet xlarge diameter long length large woody debris
reachwxdll	Boatable	nrsaLargeWoody	Count/reach wet xlarge diameter long length large woody debris
reachwxdml	Wadeable	nrsaLargeWoody	Count/reach wet xlarge diameter medium length large woody debris
reachwxdml	Boatable	nrsaLargeWoody	Count/reach wet xlarge diameter medium length large woody debris
reachwxdsl	Boatable	nrsaLargeWoody	Count/reach wet xlarge diameter short len large woody debris
reachwxdsl	Wadeable	nrsaLargeWoody	Count/reach wet xlarge diameter short len large woody debris
shdrylen	Boatable	nrsaLargeWoody	Count/reach all dry short len large woody debris
shdrylen	Wadeable	nrsaLargeWoody	Count/reach all dry short len large woody debris
shlentot	Wadeable	nrsaLargeWoody	Count/reach all short len large woody debris
shlentot	Boatable	nrsaLargeWoody	Count/reach all short len large woody debris
shwetlen	Wadeable	nrsaLargeWoody	Count/reach all wet short len large woody debris
shwetlen	Boatable	nrsaLargeWoody	Count/reach all wet short len large woody debris
smdiatot	Wadeable	nrsaLargeWoody	Count/reach all small diameter large woody debris
smdiatot	Boatable	nrsaLargeWoody	Count/reach all small diameter large woody debris

smdrydia	Wadeable	nrsaLargeWoody	Count/reach all dry small diameter large woody debris
smdrydia	Boatable	nrsaLargeWoody	Count/reach all dry small diameter large woody debris
smwetdia	Wadeable	nrsaLargeWoody	Count/reach all wet small diameter large woody debris
smwetdia	Boatable	nrsaLargeWoody	Count/reach all wet small diameter large woody debris
v1d	Wadeable	nrsaLargeWoody	large woody debris volume above bankfull channel (m3/reach-all sizes)
v1d	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/reach-all sizes)
v1dm100	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/100m-all sizes)
v1dm100	Wadeable	nrsaLargeWoody	large woody debris volume above bankfull channel (m3/100m-all sizes)
v1t	Wadeable	nrsaLargeWoody	large woody debris volume in/above bankfull channel (m3/reach-all sizes)
v1t	Boatable	nrsaLargeWoody	large woody debris volume in/over wet channel (m3/reach-all sizes)
v1tm100	Wadeable	nrsaLargeWoody	large woody debris volume in/above bankfull channel (#/100m-all sizes)
v1tm100	Boatable	nrsaLargeWoody	large woody debris volume in/above wetted channel (#/100m-all sizes)
v1w	Boatable	nrsaLargeWoody	large woody debris volume in wetted channel (m3/reach-all sizes)
v1w	Wadeable	nrsaLargeWoody	large woody debris volume in bankfull channel (m3/reach-all sizes)
v1w_msq	Wadeable	nrsaLargeWoody	Bankful Channel woody debris (m3/m2)
v1w_msq	Boatable	nrsaLargeWoody	Bankful Channel woody debris (m3/m2)
v1wm100	Wadeable	nrsaLargeWoody	Bankful channel woody debris (m3/100m)
v1wm100	Boatable	nrsaLargeWoody	Bankful channel woody debris (m3/100m)
v2d	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/reach-SMLX)
v2d	Wadeable	nrsaLargeWoody	large woody debris volume above bankfull channel (m3/reach-SMLX)
v2dm100	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/100m-SMLX)
v2dm100	Wadeable	nrsaLargeWoody	large woody debris volume above bankfull channel (m3/100m-SMLX)
v2t	Wadeable	nrsaLargeWoody	large woody debris volume in/above bankfull channel (m3/reach-SMLX)
v2t	Boatable	nrsaLargeWoody	large woody debris volume in/over wetted channel (m3/reach-SMLX)
v2tm100	Wadeable	nrsaLargeWoody	large woody debris volume in/above bankfull channel (#/100m-SMLX)
v2tm100	Boatable	nrsaLargeWoody	large woody debris volume in/above wetted channel (#/100m-SMLX)
v2w	Boatable	nrsaLargeWoody	large woody debris volume in wetted channel (m3/reach-SMLX)
v2w	Wadeable	nrsaLargeWoody	large woody debris volume in bankfull channel (m3/reach-SMLX)
v2w_msq	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/m2-SMLX)
v2w_msq	Wadeable	nrsaLargeWoody	large woody debris volume in bankfull channel (m3/m2-SMLX)
v2wm100	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/100m-SMLX)
v2wm100	Wadeable	nrsaLargeWoody	large woody debris volume in bankfull channel (m3/100m-SMLX)
v3d	Wadeable	nrsaLargeWoody	large woody debris volume above bankfull channel (m3/reach-MLX)
v3d	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/reach-MLX)
v3dm100	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/100m-MLX)
v3dm100	Wadeable	nrsaLargeWoody	large woody debris volume above bankfull channel (m3/100m-MLX)
v3t	Wadeable	nrsaLargeWoody	large woody debris volume in/above bankfull channel (m3/reach-MLX)
v3t	Boatable	nrsaLargeWoody	large woody debris volume in/over wetted channel (m3/reach-MLX)
v3tm100	Boatable	nrsaLargeWoody	large woody debris volume in/above wetted channel (#/100m-MLX)
v3tm100	Wadeable	nrsaLargeWoody	large woody debris volume in/above bankfull channel (#/100m-MLX)
v3w	Boatable	nrsaLargeWoody	large woody debris volume in wetted channel (m3/reach-MLX)
v3w	Wadeable	nrsaLargeWoody	large woody debris volume in bankfull channel (m3/reach-MLX)
v3w_msq	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/m2-MLX)
v3w_msq	Wadeable	nrsaLargeWoody	large woody debris volume in bankfull channel (m3/m2-MLX)
v3wm100	Wadeable	nrsaLargeWoody	large woody debris volume in bankfull channel (m3/100m-MLX)
v3wm100	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/100m-MLX)
v4d	Wadeable	nrsaLargeWoody	large woody debris volume above bankfull channel (m3/reach-LX)

v4d	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/reach-LX)
v4dm100	Wadeable	nrsaLargeWoody	large woody debris volume above bankfull channel (m3/100m-LX)
v4dm100	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/100m-LX)
v4t	Boatable	nrsaLargeWoody	large woody debris volume in/over wetted channel (m3/reach-LX)
v4t	Wadeable	nrsaLargeWoody	large woody debris volume in/above bankfull channel (m3/reach-LX)
v4tm100	Wadeable	nrsaLargeWoody	large woody debris volume in/above bankfull channel (#/100m-LX)
v4tm100	Boatable	nrsaLargeWoody	large woody debris volume in/above wetted channel (#/100m-LX)
v4w	Boatable	nrsaLargeWoody	large woody debris volume in wetted channel (m3/reach-LX)
v4w	Wadeable	nrsaLargeWoody	large woody debris volume in bankfull channel (m3/reach-LX)
v4w_msq	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/m2-LX)
v4w_msq	Wadeable	nrsaLargeWoody	large woody debris volume in bankfull channel (m3/m2-LX)
v4wm100	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/100m-LX)
v4wm100	Wadeable	nrsaLargeWoody	large woody debris volume in bankfull channel (m3/100m-LX)
v5d	Wadeable	nrsaLargeWoody	large woody debris volume above bankfull channel (m3/reach-X)
v5d	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/reach-X)
v5dm100	Wadeable	nrsaLargeWoody	large woody debris volume above bankfull channel (m3/100m-X)
v5dm100	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/100m-X)
v5t	Wadeable	nrsaLargeWoody	large woody debris volume in/above bankfull channel (m3/reach-X)
v5t	Boatable	nrsaLargeWoody	large woody debris volume in/over wetted channel (m3/reach-X)
v5tm100	Wadeable	nrsaLargeWoody	large woody debris volume in/above bankfull channel (#/100m-X)
v5tm100	Boatable	nrsaLargeWoody	large woody debris volume in/above wetted channel (#/100m-X)
v5w	Boatable	nrsaLargeWoody	large woody debris volume in wetted channel (m3/reach-X)
v5w	Wadeable	nrsaLargeWoody	large woody debris volume in bankfull channel (m3/reach-X)
v5w_msq	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/m2-X)
v5w_msq	Wadeable	nrsaLargeWoody	large woody debris volume in bankfull channel (m3/m2-X)
v5wm100	Wadeable	nrsaLargeWoody	large woody debris volume in bankfull channel (m3/100m-X)
v5wm100	Boatable	nrsaLargeWoody	large woody debris volume in bankfull channel and dry (m3/100m-X)
xldiatot	Boatable	nrsaLargeWoody	Count/reach all small diameter large woody debris
xldiatot	Wadeable	nrsaLargeWoody	Count/reach all small diameter large woody debris
xldrydia	Boatable	nrsaLargeWoody	Count/reach all dry xlarge diameter large woody debris
xldrydia	Wadeable	nrsaLargeWoody	Count/reach all dry xlarge diameter large woody debris
xlwetdia	Wadeable	nrsaLargeWoody	Count/reach all wet xlarge diameter large woody debris
xlwetdia	Boatable	nrsaLargeWoody	Count/reach all wet xlarge diameter large woody debris
ltfracl	Wadeable	nrsaLegacyTree	Fraction of transects with largest legacy tree at least 0.75 m DBH (>=Large)
ltfracl	Boatable	nrsaLegacyTree	Fraction of transects with largest legacy tree at least 0.75 m DBH (>=Large)
ltfracm	Boatable	nrsaLegacyTree	Fraction of transects with largest legacy tree at least (0.1 m DBH and 5 m height) OR (smaller DBH and 15+ m height) (>=Medium)
ltfracm	Wadeable	nrsaLegacyTree	Fraction of transects with largest legacy tree at least (0.1 m DBH and 5 m height) OR (smaller DBH and 15+ m height) (>=Medium)
ltfracs	Boatable	nrsaLegacyTree	Fraction of transects with largest legacy tree (<5m height) OR (5-15 m height and 0.1 m DBH or less) (>=Small)
ltfracs	Wadeable	nrsaLegacyTree	Fraction of transects with largest legacy tree (<5m height) OR (5-15 m height and 0.1 m DBH or less) (>=Small)
ltfracx	Boatable	nrsaLegacyTree	Fraction of transects with largest legacy tree at least (30 m height) OR (>0.75 DBH and height of 5 m or more) (X-large)
ltfracx	Wadeable	nrsaLegacyTree	Fraction of transects with largest legacy tree at least (30 m height) OR (>0.75 DBH and height of 5 m or more) (X-large)
ltmddist	Wadeable	nrsaLegacyTree	Mean dist of legacy trees >= median size from wetted margin
ltmddist	Boatable	nrsaLegacyTree	Mean dist of legacy trees >= median size from wetted margin
ltmddom	Boatable	nrsaLegacyTree	Most common (dominant) legacy tree species
ltmddom	Wadeable	nrsaLegacyTree	Most common (dominant) legacy tree species
ltmddomn	Wadeable	nrsaLegacyTree	Count of dominant legacy tree species

ltmddomn	Boatable	nrsaLegacyTree	Count of dominant legacy tree species
ltmdsub	Boatable	nrsaLegacyTree	Legacy tree subdominant species >= median size
ltmdsub	Wadeable	nrsaLegacyTree	Legacy tree subdominant species >= median size
ltmdsubn	Wadeable	nrsaLegacyTree	Legacy tree subdominant species count
ltmdsubn	Boatable	nrsaLegacyTree	Legacy tree subdominant species count
ltmxcnt	Wadeable	nrsaLegacyTree	Number of transects with legacy tree in largest size class observed
ltmxcnt	Boatable	nrsaLegacyTree	Number of transects with legacy tree in largest size class observed
ltmxdbh	Boatable	nrsaLegacyTree	Largest legacy tree DBH size class
ltmxdbh	Wadeable	nrsaLegacyTree	Largest legacy tree DBH size class
ltmxdist	Wadeable	nrsaLegacyTree	Maximum legacy tree distance from wetted margin (m)
ltmxdist	Boatable	nrsaLegacyTree	Maximum legacy tree distance from wetted margin (m)
ltmxht	Boatable	nrsaLegacyTree	Largest legacy tree height class
ltmxht	Wadeable	nrsaLegacyTree	Largest legacy tree height class
ltmxsize	Boatable	nrsaLegacyTree	Largest legacy tree size class (SMLX)
ltmxsize	Wadeable	nrsaLegacyTree	Largest legacy tree size class (SMLX)
ltmxspp	Wadeable	nrsaLegacyTree	Largest legacy tree species
ltmxspp	Boatable	nrsaLegacyTree	Largest legacy tree species
ltsplist	Boatable	nrsaLegacyTree	Legacy tree species list
ltsplist	Wadeable	nrsaLegacyTree	Legacy tree species list
mnlit	Boatable	nrsaLittoralDepth	Minimum littoral depth (m)
mxlit	Boatable	nrsaLittoralDepth	Maximum littoral depth (m)
vlit	Boatable	nrsaLittoralDepth	Standard deviation of littoral depth (m)
xlit	Boatable	nrsaLittoralDepth	Mean littoral depth (m)
areasum	Wadeable	nrsaResidualPools	Residual Pool Vert Profile Area (m2/reach)
areasum	Boatable	nrsaResidualPools	Residual Pool Vert Profile Area (m2/reach)
rp100	Boatable	nrsaResidualPools	Mean Residual Depth at thalweg (cm)
rp100	Wadeable	nrsaResidualPools	Mean Residual Depth at thalweg (cm)
rpgt05	Wadeable	nrsaResidualPools	Count residual pools >5cm deep
rpgt05	Boatable	nrsaResidualPools	Count residual pools >5cm deep
rpgt05x	Boatable	nrsaResidualPools	Mean depth residual pools >5cm deep
rpgt05x	Wadeable	nrsaResidualPools	Mean depth residual pools >5cm deep
rpgt10	Wadeable	nrsaResidualPools	Count residual pools >10cm deep
rpgt10	Boatable	nrsaResidualPools	Count residual pools >10cm deep
rpgt100	Wadeable	nrsaResidualPools	Residual Pools >100cm deep (number/reach)
rpgt100	Boatable	nrsaResidualPools	Residual Pools >100cm deep (number/reach)
rpgt10x	Boatable	nrsaResidualPools	Mean depth residual pools >10cm deep
rpgt10x	Wadeable	nrsaResidualPools	Mean depth residual pools >10cm deep
rpgt20	Boatable	nrsaResidualPools	Count residual pools >20cm deep
rpgt20	Wadeable	nrsaResidualPools	Count residual pools >20cm deep
rpgt20x	Wadeable	nrsaResidualPools	Mean depth residual pools >20cm deep
rpgt20x	Boatable	nrsaResidualPools	Mean depth residual pools >20cm deep
rpgt50	Boatable	nrsaResidualPools	Residual Pools >50cm deep (number/reach)
rpgt50	Wadeable	nrsaResidualPools	Residual Pools >50cm deep (number/reach)
rpgt75	Wadeable	nrsaResidualPools	Residual Pools >75cm deep (number/reach)
rpgt75	Boatable	nrsaResidualPools	Residual Pools >75cm deep (number/reach)

rpmxar	Boatable	nrsaResidualPools	Maximum RP profile area in reach (m2/pool)
rpmxar	Wadeable	nrsaResidualPools	Maximum RP profile area in reach (m2/pool)
rpmxdep	Boatable	nrsaResidualPools	Maximum residual depth in reach (m)
rpmxdep	Wadeable	nrsaResidualPools	Maximum residual depth in reach (cm)
rpmxlen	Wadeable	nrsaResidualPools	Maximum residual pool length in reach (m/pool)
rpmxlen	Boatable	nrsaResidualPools	Maximum residual pool length in reach (m/pool)
rpvarea	Wadeable	nrsaResidualPools	Standard deviation profile area of RPs (m2/pool)
rpvarea	Boatable	nrsaResidualPools	Standard deviation profile area of RPs (m2/pool)
rpvdep	Boatable	nrsaResidualPools	Standard deviation of residual pool depths (m)
rpvdep	Wadeable	nrsaResidualPools	Standard deviation of residual pool depths (cm)
rpvlen	Wadeable	nrsaResidualPools	Standard deviation length of residual pools (m/pool)
rpvlen	Boatable	nrsaResidualPools	Standard deviation length of residual pools (m/pool)
rpxarea	Wadeable	nrsaResidualPools	Mean vertical profile area of RPs (m2/pool)
rpxarea	Boatable	nrsaResidualPools	Mean vertical profile area of RPs (m2/pool)
rpxdep	Wadeable	nrsaResidualPools	Mean RP depth in reach (cm/pool)
rpxdep	Boatable	nrsaResidualPools	Mean RP depth in reach (m/pool)
rpxlen	Boatable	nrsaResidualPools	Mean length of residual pools (m/pool)
rpxlen	Wadeable	nrsaResidualPools	Mean length of residual pools (m/pool)
totplen	Wadeable	nrsaResidualPools	Total residual pool length (m/reach)
totplen	Boatable	nrsaResidualPools	Total residual pool length (m/reach)
pcan_c	Wadeable	nrsaRiparianVegetation	Riparian Canopy Coniferous (Fraction of reach)
pcan_c	Boatable	nrsaRiparianVegetation	Riparian Canopy Coniferous (Fraction of reach)
pcan_d	Wadeable	nrsaRiparianVegetation	Riparian Canopy Deciduous (Fraction of reach)
pcan_d	Boatable	nrsaRiparianVegetation	Riparian Canopy Deciduous (Fraction of reach)
pcan_e	Wadeable	nrsaRiparianVegetation	Riparian Canopy Broadleaf Evergreen (Fraction of of reach)
pcan_e	Boatable	nrsaRiparianVegetation	Riparian Canopy Broadleaf Evergreen (Fraction of of reach)
pcan_m	Wadeable	nrsaRiparianVegetation	Riparian Canopy Mix Coniferous-Deciduous (Fraction of reach)
pcan_m	Boatable	nrsaRiparianVegetation	Riparian Canopy Mix Coniferous-Deciduous (Fraction of reach)
pcan_n	Wadeable	nrsaRiparianVegetation	Riparian Canopy Absent (Fraction of reach)
pcan_n	Boatable	nrsaRiparianVegetation	Riparian Canopy Absent (Fraction of reach)
pmid_c	Wadeable	nrsaRiparianVegetation	Riparian MidLayer Coniferous (Fraction of reach)
pmid_c	Boatable	nrsaRiparianVegetation	Riparian MidLayer Coniferous (Fraction of reach)
pmid_d	Boatable	nrsaRiparianVegetation	Riparian MidLayer Deciduous (Fraction of reach)
pmid_d	Wadeable	nrsaRiparianVegetation	Riparian MidLayer Deciduous (Fraction of reach)
pmid_e	Wadeable	nrsaRiparianVegetation	Riparian MidLayer broadlf evrgrn (Fraction of reach)
pmid_e	Boatable	nrsaRiparianVegetation	Riparian MidLayer broadlf evrgrn (Fraction of reach)
pmid_m	Wadeable	nrsaRiparianVegetation	Riparian MidLayer Mix Con-Decid (Fraction of reach)
pmid_m	Boatable	nrsaRiparianVegetation	Riparian MidLayer Mix Con-Decid (Fraction of reach)
pmid_n	Wadeable	nrsaRiparianVegetation	Riparian MidLayer Absent (Fraction of reach)
pmid_n	Boatable	nrsaRiparianVegetation	Riparian MidLayer Absent (Fraction of reach)
xc	Boatable	nrsaRiparianVegetation	Canopy Mean Areal cover proportion
xc	Wadeable	nrsaRiparianVegetation	Canopy Mean Areal cover proportion
xcl	Boatable	nrsaRiparianVegetation	Large diameter (Dbh>0.3m) Tree Canopy Areal cover proportion
xcl	Wadeable	nrsaRiparianVegetation	Large diameter (Dbh>0.3m) Tree Canopy Areal cover proportion
xcm	Wadeable	nrsaRiparianVegetation	Rip Veg Canopy+Mid Layer cover
xcm	Boatable	nrsaRiparianVegetation	Rip Veg Canopy+Mid Layer cover

xcmg	Boatable	nrsaRiparianVegetation	Sum of Canopy+Mid+Ground layer areal cover proportion
xcmg	Wadeable	nrsaRiparianVegetation	Sum of Canopy+Mid+Ground layer areal cover proportion
xcmgw	Boatable	nrsaRiparianVegetation	Sum of Woody Canopy+Mid+Ground layer areal cover proportion
xcmgw	Wadeable	nrsaRiparianVegetation	Sum of Woody Canopy+Mid+Ground layer areal cover proportion
xcmw	Wadeable	nrsaRiparianVegetation	Rip Veg Canopy+Mid Layer Woody cover
xcmw	Boatable	nrsaRiparianVegetation	Rip Veg Canopy+Mid Layer Woody cover
xcs	Wadeable	nrsaRiparianVegetation	Riparian Canopy <= 0.3m DBH (cover)
xcs	Boatable	nrsaRiparianVegetation	Riparian Canopy <= 0.3m DBH (cover)
xg	Wadeable	nrsaRiparianVegetation	Riparian Veg Ground Layer cover
xg	Boatable	nrsaRiparianVegetation	Riparian Veg Ground Layer cover
xgb	Boatable	nrsaRiparianVegetation	Barren ground layer areal cover
xgb	Wadeable	nrsaRiparianVegetation	Barren ground layer areal cover
xgh	Boatable	nrsaRiparianVegetation	Non-woody ground layer areal cover
xgh	Wadeable	nrsaRiparianVegetation	Non-woody ground layer areal cover
xgw	Boatable	nrsaRiparianVegetation	Woody ground layer areal cover
xgw	Wadeable	nrsaRiparianVegetation	Woody ground layer areal cover
xm	Wadeable	nrsaRiparianVegetation	Riparian Veg Mid Layer cover
xm	Boatable	nrsaRiparianVegetation	Riparian Veg Mid Layer cover
xmh	Boatable	nrsaRiparianVegetation	Rip Mid Layer Herbaceous (cover)
xmh	Wadeable	nrsaRiparianVegetation	Rip Mid Layer Herbaceous (cover)
xmw	Wadeable	nrsaRiparianVegetation	Rip Mid Layer Woody (cover)
xmw	Boatable	nrsaRiparianVegetation	Rip Mid Layer Woody (cover)
xpcan	Wadeable	nrsaRiparianVegetation	Rip Canopy Present (Fraction of reach)
xpcan	Boatable	nrsaRiparianVegetation	Rip Canopy Present (Fraction of reach)
xpcm	Boatable	nrsaRiparianVegetation	Rip Can and MidLayer Present (Fraction of reach)
xpcm	Wadeable	nrsaRiparianVegetation	Rip Can and MidLayer Present (Fraction of reach)
xpcmg	Wadeable	nrsaRiparianVegetation	Riparian 3-Layers Present (Fraction of reach)
xpcmg	Boatable	nrsaRiparianVegetation	Riparian 3-Layers Present (Fraction of reach)
xpgveg	Wadeable	nrsaRiparianVegetation	Rip Ground Layer Present (Fraction of reach)
xpgveg	Boatable	nrsaRiparianVegetation	Rip Ground Layer Present (Fraction of reach)
xpmg	Boatable	nrsaRiparianVegetation	Riparian mid and ground Present (Fraction of reach)
xpmg	Wadeable	nrsaRiparianVegetation	Riparian mid and ground Present (Fraction of reach)
xpmgw	Wadeable	nrsaRiparianVegetation	Rip. mid and ground wood Present (Fraction of reach)
xpmgw	Boatable	nrsaRiparianVegetation	Rip. mid and ground wood Present (Fraction of reach)
xpmid	Wadeable	nrsaRiparianVegetation	Rip MidLayer Present (Fraction of reach)
xpmid	Boatable	nrsaRiparianVegetation	Rip MidLayer Present (Fraction of reach)
nslp	Wadeable	nrsaSlopeBearing	Number of values used to calc mean slope
nslp	Boatable	nrsaSlopeBearing	Number of values used to calc mean slope
pctClinometer	Wadeable	nrsaSlopeBearing	Percent of slope values based on hand held clinometer
pctClinometer	Boatable	nrsaSlopeBearing	Percent of slope values based on hand held clinometer
sinu	Boatable	nrsaSlopeBearing	Sinuosity of sample reach
sinu	Wadeable	nrsaSlopeBearing	Sinuosity of sample reach
transpc	Wadeable	nrsaSlopeBearing	Mean distance between transects (m)
transpc	Boatable	nrsaSlopeBearing	Mean distance between transects (m)
vslope	Boatable	nrsaSlopeBearing	Std Dev of Channel % Slope
vslope	Wadeable	nrsaSlopeBearing	Std Dev of Channel % Slope

xbearing	Boatable	nrsaSlopeBearing	Mean Flow Direction of reach (degrees)
xbearing	Wadeable	nrsaSlopeBearing	Mean Flow Direction of reach (degrees)
xslope	Wadeable	nrsaSlopeBearing	Mean Slope of water surface (%)
xslope	Boatable	nrsaSlopeBearing	Mean Slope of water surface (%)
xslope_field	Wadeable	nrsaSlopeBearing	Reach mean channel slope according to field-based measurements
xslope_field	Boatable	nrsaSlopeBearing	Reach mean channel slope according to field-based measurements
d16	Wadeable	nrsaSubstrateCharacterization	16th percentile mobile substrate diameter (interpmm)
d16	Boatable	nrsaSubstrateCharacterization	16th percentile mobile substrate diameter (interpmm)
d50	Boatable	nrsaSubstrateCharacterization	Median mobile substrate diam (interpmm)
d50	Wadeable	nrsaSubstrateCharacterization	Median mobile substrate diam (interpmm)
d84	Boatable	nrsaSubstrateCharacterization	84th percentile mobile substrate diameter (interpmm)
d84	Wadeable	nrsaSubstrateCharacterization	84th percentile mobile substrate diameter (interpmm)
dgm	Wadeable	nrsaSubstrateCharacterization	Mean mobile substrate diameter (mm)
dgm	Boatable	nrsaSubstrateCharacterization	Mean mobile substrate diameter (mm)
lsub_d16	Boatable	nrsaSubstrateCharacterization	Thalweg sub.-D16 LOG10(Diam Class mm)
lsub_d16	Wadeable	nrsaSubstrateCharacterization	Substrate-D16 LOG10(Diam Class mm)
lsub_d25	Wadeable	nrsaSubstrateCharacterization	Substrate-D25 LOG10(Diam Class mm)
lsub_d25	Boatable	nrsaSubstrateCharacterization	Thalweg substrate-D25 LOG10(Diam Class mm)
lsub_d50	Wadeable	nrsaSubstrateCharacterization	Substrate-Median LOG10(Diam Class mm)
lsub_d50	Boatable	nrsaSubstrateCharacterization	Thalweg substrate-Median LOG10(Diam Class mm)
lsub_d75	Boatable	nrsaSubstrateCharacterization	Thalweg substrate-D75 LOG10(Diam Class mm)
lsub_d75	Wadeable	nrsaSubstrateCharacterization	Substrate-D75 LOG10(Diam Class mm)
lsub_d84	Wadeable	nrsaSubstrateCharacterization	Substrate-D84 LOG10(Diam Class mm)
lsub_d84	Boatable	nrsaSubstrateCharacterization	Thalweg substrate-D84 LOG10(Diam Class mm)
lsub_dmm	Boatable	nrsaSubstrateCharacterization	Log10(Dgm--Geometric Mean Bed Surface Particle Diameter--mm))
lsub_dmm	Wadeable	nrsaSubstrateCharacterization	Log10(Dgm--Geometric Mean Bed Surface Particle Diameter--mm))
lsub_dmm_nor	Wadeable	nrsaSubstrateCharacterization	Log10(Dgm--Geometric Mean Bed Surface Particle Diam,excluding bedrock+hardpan--mm)
lsub_dmm_nor	Boatable	nrsaSubstrateCharacterization	Log10(Dgm--Geometric Mean Bed Surface Particle Diam,excluding bedrock+hardpan--mm)
lsub_iqr	Wadeable	nrsaSubstrateCharacterization	Thalweg substrate-Interquartile range LOG10(Diam class mm)
lsub_iqr	Boatable	nrsaSubstrateCharacterization	Thalweg substrate-Interquartile range LOG10(Diam class mm)
lsub2d16	Boatable	nrsaSubstrateCharacterization	The 16th percentile log2dmm
lsub2d16	Wadeable	nrsaSubstrateCharacterization	The 16th percentile log2dmm
lsub2d16inor	Wadeable	nrsaSubstrateCharacterization	Mobile log10 D16 interpolated 2 BL classes
lsub2d16inor	Boatable	nrsaSubstrateCharacterization	Mobile log10 D16 interpolated 2 BL classes
lsub2d25	Wadeable	nrsaSubstrateCharacterization	Lower quartile of log2dmm
lsub2d25	Boatable	nrsaSubstrateCharacterization	Lower quartile of log2dmm
lsub2d50	Boatable	nrsaSubstrateCharacterization	Median log2dmm
lsub2d50	Wadeable	nrsaSubstrateCharacterization	Median log2dmm
lsub2d50inor	Boatable	nrsaSubstrateCharacterization	Mobile log10 D50 interpolated 2 BL classes
lsub2d50inor	Wadeable	nrsaSubstrateCharacterization	Mobile log10 D50 interpolated 2 BL classes
lsub2d75	Wadeable	nrsaSubstrateCharacterization	Upper quartile of log2dmm
lsub2d75	Boatable	nrsaSubstrateCharacterization	Upper quartile of log2dmm
lsub2d84	Boatable	nrsaSubstrateCharacterization	The 84th percentile of log2dmm
lsub2d84	Wadeable	nrsaSubstrateCharacterization	The 84th percentile of log2dmm
lsub2d84inor	Wadeable	nrsaSubstrateCharacterization	Mobile log10 D84 interpolated 2 BL classes
lsub2d84inor	Boatable	nrsaSubstrateCharacterization	Mobile log10 D84 interpolated 2 BL classes

lsub2dmm	Wadeable	nrsaSubstrateCharacterization	Mean log2dmm
lsub2dmm	Boatable	nrsaSubstrateCharacterization	Mean log2dmm
lsub2dmm_nor	Wadeable	nrsaSubstrateCharacterization	Mobile mean logged diameter 2 BL classes
lsub2dmm_nor	Boatable	nrsaSubstrateCharacterization	Mobile mean logged diameter 2 BL classes
lsub2iqr	Wadeable	nrsaSubstrateCharacterization	Interquartile range log2dmm
lsub2iqr	Boatable	nrsaSubstrateCharacterization	Interquartile range log2dmm
lsubd_sd	Wadeable	nrsaSubstrateCharacterization	Substrate-standard deviation of LOG10(Diam Class mm)
lsubd_sd	Boatable	nrsaSubstrateCharacterization	Thalweg substrate-standard deviation of LOG10(Diam Class mm)
lsubd_sd_nor	Wadeable	nrsaSubstrateCharacterization	Mobile stdev logged diameter
lsubd_sd_nor	Boatable	nrsaSubstrateCharacterization	Mobile stdev logged diameter
lsubd2sd	Boatable	nrsaSubstrateCharacterization	Standard deviation log2dmm
lsubd2sd	Wadeable	nrsaSubstrateCharacterization	Standard deviation log2dmm
lsubd2sd_nor	Wadeable	nrsaSubstrateCharacterization	Mobile standard deviation log10 diam 2 BL classes
lsubd2sd_nor	Boatable	nrsaSubstrateCharacterization	Mobile standard deviation log10 diam 2 BL classes
n	Wadeable	nrsaSubstrateCharacterization	Number of observations of substrate SIZE_CLS
n	Boatable	nrsaSubstrateCharacterization	Number of observations of substrate SIZE_CLS
n_nor	Wadeable	nrsaSubstrateCharacterization	Number of mobile substrate
n_nor	Boatable	nrsaSubstrateCharacterization	Number of mobile substrate
pct_bdrk	Boatable	nrsaSubstrateCharacterization	Bed Surface % Bedrock
pct_bdrk	Wadeable	nrsaSubstrateCharacterization	Bed Surface % Bedrock
pct_bh	Boatable	nrsaSubstrateCharacterization	Bed Surface % Bedrock + Hardpan
pct_bigr	Wadeable	nrsaSubstrateCharacterization	Bed Surface % Larger than Gravel (64mm)
pct_bigr	Boatable	nrsaSubstrateCharacterization	Bed Surface % Larger than Gravel (64mm)
pct_bl	Wadeable	nrsaSubstrateCharacterization	Substrate Boulders -- 250-4000 mm (%)
pct_bl	Boatable	nrsaSubstrateCharacterization	Thalweg substrate Boulders -- 250-4000 mm (%)
pct_cb	Wadeable	nrsaSubstrateCharacterization	Substrate Cobbles -- 64-250 mm (%)
pct_cb	Boatable	nrsaSubstrateCharacterization	Thalweg substrate Cobbles -- 64-250 mm (%)
pct_dbbl	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with BL dominant
pct_dbcb	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with CB dominant
pct_dbfn	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with FN dominant
pct_dbgc	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with GC dominant
pct_dbgf	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with GF dominant
pct_dbhp	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with HP dominant
pct_dbom	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with OM dominant
pct_dbot	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with OT dominant
pct_dbrc	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with RC dominant
pct_dbrr	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with RR dominant
pct_dbrs	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with RS dominant
pct_dbsa	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with SA dominant
pct_dbsb	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with SB dominant
pct_dbwd	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with WD dominant
pct_dbxb	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with XB dominant
pct_dsbl	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with BL dominant
pct_dscb	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with CB dominant
pct_dsfn	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with FN dominant
pct_dsgc	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with GC dominant
pct_dsgf	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with GF dominant

pct_dshp	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with HP dominant
pct_dsom	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with OM dominant
pct_dsot	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with OT dominant
pct_dsrc	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with RC dominant
pct_dsrr	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with RR dominant
pct_dsrs	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with RS dominant
pct_dssa	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with SA dominant
pct_dssb	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with SB dominant
pct_dswd	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with WD dominant
pct_dsxb	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with XB dominant
pct_fn	Boatable	nrsaSubstrateCharacterization	Bed Surface % Fines <0.06mm
pct_fn	Wadeable	nrsaSubstrateCharacterization	Bed Surface % Fines <0.06mm
pct_gc	Wadeable	nrsaSubstrateCharacterization	Substrate Coarse Gravel -- 16-64 mm (%)
pct_gc	Boatable	nrsaSubstrateCharacterization	Substrate Coarse Gravel -- 16-64 mm (%)
pct_gf	Boatable	nrsaSubstrateCharacterization	Substrate Fine Gravel -- 2-16 mm (%)
pct_gf	Wadeable	nrsaSubstrateCharacterization	Substrate Fine Gravel -- 2-16 mm (%)
pct_gr	Boatable	nrsaSubstrateCharacterization	Thalweg substrate Gravel -- 16-64 mm (%)
pct_hp	Wadeable	nrsaSubstrateCharacterization	Bed Surface % Hardpan
pct_hp	Boatable	nrsaSubstrateCharacterization	Bed Surface % Hardpan
pct_om	Boatable	nrsaSubstrateCharacterization	Substrate Organic detritus -- (%)
pct_om	Wadeable	nrsaSubstrateCharacterization	Substrate Organic detritus -- (%)
pct_org	Boatable	nrsaSubstrateCharacterization	Substrate Wood or Detritus -- (%)
pct_org	Wadeable	nrsaSubstrateCharacterization	Substrate Wood or Detritus -- (%)
pct_ot	Wadeable	nrsaSubstrateCharacterization	Substrate Miscellaneous -- (%)
pct_ot	Boatable	nrsaSubstrateCharacterization	Thalweg substrate Miscellaneous -- (%)
pct_rc	Boatable	nrsaSubstrateCharacterization	Substrate Concrete (%)
pct_rc	Wadeable	nrsaSubstrateCharacterization	Substrate Concrete (%)
pct_rr	Wadeable	nrsaSubstrateCharacterization	Substrate Rough Bedrock (%)
pct_rr	Boatable	nrsaSubstrateCharacterization	Substrate Rough Bedrock (%)
pct_rs	Boatable	nrsaSubstrateCharacterization	Substrate Smooth Bedrock (%)
pct_rs	Wadeable	nrsaSubstrateCharacterization	Substrate Smooth Bedrock (%)
pct_sa	Wadeable	nrsaSubstrateCharacterization	Substrate Sand -- .06-2 mm (%)
pct_sa	Boatable	nrsaSubstrateCharacterization	Thalweg substrate Sand -- .06-2 mm (%)
pct_safn	Boatable	nrsaSubstrateCharacterization	Bed Surface Percent Sand or smaller (<2.0mm)
pct_safn	Wadeable	nrsaSubstrateCharacterization	Bed Surface Percent Sand or smaller (<2.0mm)
pct_sb	Boatable	nrsaSubstrateCharacterization	Substrate Boulders -- 250-1000 mm (%)
pct_sb	Wadeable	nrsaSubstrateCharacterization	Substrate Boulders -- 250-1000 mm (%)
pct_sbbl	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with BL subdominant
pct_sbcb	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with CB subdominant
pct_sbfn	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with FN subdominant
pct_sbgc	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with GC subdominant
pct_sbgf	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with GF subdominant
pct_sbhp	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with HP subdominant
pct_sbom	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with OM subdominant
pct_sbot	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with OT subdominant
pct_sbrc	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with RC subdominant
pct_sbrr	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with RR subdominant

pct_sbrs	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with RS subdominant
pct_sbsa	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with SA subdominant
pct_sbsb	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with SB subdominant
pct_sbwd	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with WD subdominant
pct_sbxb	Boatable	nrsaSubstrateCharacterization	Percent littoral substrate with XB subdominant
pct_sfgf	Wadeable	nrsaSubstrateCharacterization	Bed Surface Fine Gravel or smaller (<16mm)
pct_sfgf	Boatable	nrsaSubstrateCharacterization	Bed Surface Fine Gravel or smaller (<16mm)
pct_ssbl	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with BL subdominant
pct_sscb	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with CB subdominant
pct_ssfn	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with FN subdominant
pct_ssgc	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with GC subdominant
pct_ssgf	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with GF subdominant
pct_sshp	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with HP subdominant
pct_ssom	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with OM subdominant
pct_ssot	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with OT subdominant
pct_ssrc	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with RC subdominant
pct_ssrr	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with RR subdominant
pct_ssrs	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with RS subdominant
pct_sssa	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with SA subdominant
pct_sssb	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with SB subdominant
pct_sswd	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with WD subdominant
pct_ssxb	Boatable	nrsaSubstrateCharacterization	Percent shore substrate with XB subdominant
pct_wd	Wadeable	nrsaSubstrateCharacterization	Substrate Woody -- (%)
pct_wd	Boatable	nrsaSubstrateCharacterization	Substrate Woody -- (%)
pct_xb	Wadeable	nrsaSubstrateCharacterization	Substrate Boulders -- 1000-4000 mm (%)
pct_xb	Boatable	nrsaSubstrateCharacterization	Substrate Boulders -- 1000-4000 mm (%)
sub_dmm_nor	Wadeable	nrsaSubstrateCharacterization	Mobile mean diameter (mm)
sub_dmm_nor	Boatable	nrsaSubstrateCharacterization	Mobile mean diameter (mm)
sub2dmm_nor	Boatable	nrsaSubstrateCharacterization	Mobile mean diameter 2 BL classes (mm)
sub2dmm_nor	Wadeable	nrsaSubstrateCharacterization	Mobile mean diameter 2 BL classes (mm)
subd_sd_nor	Boatable	nrsaSubstrateCharacterization	Mobile standard deviation diameter (mm)
subd_sd_nor	Wadeable	nrsaSubstrateCharacterization	Mobile standard deviation diameter (mm)
subd2sd_nor	Wadeable	nrsaSubstrateCharacterization	Mobile standard deviation diameter 2 BL classes (mm)
subd2sd_nor	Boatable	nrsaSubstrateCharacterization	Mobile standard deviation diameter 2 BL classes (mm)
n33	Boatable	nrsaSubstrateEmbed	Number of observations in XEMBED
n33	Wadeable	nrsaSubstrateEmbed	Number of observations in XEMBED
n55	Boatable	nrsaSubstrateEmbed	Number of observations in XCEMBED
n55	Wadeable	nrsaSubstrateEmbed	Number of observations in XCEMBED
vcembed	Wadeable	nrsaSubstrateEmbed	Standard deviation of Embeddedness--Channel only (%)
vcembed	Boatable	nrsaSubstrateEmbed	Standard deviation of Embeddedness--Channel only (%)
vembed	Boatable	nrsaSubstrateEmbed	Standard deviation of Embeddedness--Channel+Margin (%)
vembed	Wadeable	nrsaSubstrateEmbed	Standard deviation of Embeddedness--Channel+Margin (%)
xcembed	Boatable	nrsaSubstrateEmbed	Mean Embeddedness--Channel only (%)
xcembed	Wadeable	nrsaSubstrateEmbed	Mean Embeddedness--Channel only (%)
xembed	Wadeable	nrsaSubstrateEmbed	Mean streambed embeddedness (%)
xembed	Boatable	nrsaSubstrateEmbed	Mean streambed embeddedness (%)