

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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



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

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

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