

TABLE_NAME	LEVEL	THEME	FIELD_NAME	UNITS	DESCRIPTION
WD_HYDRO_VA_BASE_ATTR_REF	all scales		CONFL2CONFLID		code that can be used to aggregate feautures into confluence-bounded segments and lakes
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Ecoregion	C_ECO	ecoregion code	ecoregion at centroid of stream polyline or lake polygon feature
WD_HYDRO_VA_BASE_ATTR_REF	Channel	HUC12	C_HUC12	HUC12 code	HUC12 at centroid of stream polyline or lake polygon feature
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Latitude	C_LAT	decimal degrees	latitude of centroid of polyline stream feature or polygon lake feature
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Length	C_LENGTH	meters	length of polyline stream feature, not calculated for lakes
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Longitude	C_LONG	decimal degrees	longitude of centroid of polyline stream feature or polygon lake feature
WD_HYDRO_VA_BASE_ATTR_REF	Channel	State	C_STATE	state abbreviation	state at centroid of stream polyline or lake polygon feature
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Dam	DAM	presence/absence	1 if dam is present on stream segment; otherwise 0
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Dam	DAMSIDE	categorical	1 if dam on upstream side, 2 if on downstream side, 0 if no dam; features with more than one dam are listed as downstream if downstream dam is present and otherwise are listed as upstream
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Connectivity	GL_DIST	meters	distance downstream to nearest Great Lake, blank if feature does not connect or is blocked by a dam
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Gradient	GRADIENT	percent	Reach gradient from 10 m DEM
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Hydrologic Category	HYD_CAT	hydrologic category	either stream or lake
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Lake Area	LAKE_AREA	square meters	area of polygon lake feature, not calculated for streams
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Connectivity	LAKE_LG_DIST	meters	distance to nearest lake >=500 acres in any direction, blank if feature does not connect within 50,000 m or is blocked by a dam
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Connectivity	LAKE_MD_DIST	meters	distance to nearest lake >=50 and <500 acres in any direction, blank if feature does not connect within 50,000 m or is blocked by a dam
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Connectivity	LAKE_SM_DIST	meters	distance to nearest lake >=5 and <50 acres in any direction, blank if feature does not connect within 50,000 m or is blocked by a dam
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Landlock	LANDLOCK	presence/absence	1 if feature is landlocked (does not flow to Great Lakes or to Mississippi); otherwise 0
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Elevation	MAX_ELEV_FIX	meters	Corrected maximum elevation of reach from 10 m DEM
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Elevation	MAX_ELEV_RAW	meters	Raw maximum elevation of reach from 10 m DEM
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Elevation	MIN_ELEV_FIX	meters	Corrected minimum elevation of reach from 10 m DEM
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Elevation	MIN_ELEV_RAW	meters	Raw minimum elevation of reach from 10 m DEM
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Notes	NOTES		any special consideration for features
WD_HYDRO_VA_BASE_ATTR_REF	all scales		REACHID		unique identifier of segments - relates to HYDROID in 1:24k hydro geodatabase
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Connectivity	SHED_100_DIST	meters	distance downstream to nearest watershed at least 100 sq km, blank if feature does not connect or is blocked by a dam
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Connectivity	SHED_1000_DIST	meters	distance downstream to nearest watershed at least 1000 sq km, blank if feature does not connect or is blocked by a dam
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Sinuosity	SINUOUS	ratio	Total shape length divided by Euclidean distance from start to end point of polyline feature, only calculated for streams
WD_HYDRO_VA_BASE_ATTR_REF					"full attribution" for features we have complete upstream data for, "ws and ws trace only" for non-contributing HUCs with no internal features, "no attribution" for features that cannot be properly attributed (generally because they are out of state) and "no attribution- Great Lakes" for flowlines under the Great Lakes where attribution is invalid
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Attribution status	STATUS	attribution status category	attribution is invalid
WD_HYDRO_VA_BASE_ATTR_REF	Channel	Order	STREAM_ORDER		Strahler stream order
WD_HYDRO_VA_CHANNEL_REF	Channel	Area	C_AREA	square kilometers	total area, calculated from pixels, of stream channel
WD_HYDRO_VA_CHANNEL_REF	Channel	Bedrock Depth	C_BD_201	percent (out of cells with data)	Bedrock depths from 1 to 50 ft
WD_HYDRO_VA_CHANNEL_REF	Channel	Bedrock Depth	C_BD_202	percent (out of cells with data)	Bedrock depths from 50 to 100
WD_HYDRO_VA_CHANNEL_REF	Channel	Bedrock Depth	C_BD_203	percent (out of cells with data)	Bedrock depths from 100 to 200
WD_HYDRO_VA_CHANNEL_REF	Channel	Bedrock Depth	C_BD_204	percent (out of cells with data)	Bedrock depths from 200 to 400
WD_HYDRO_VA_CHANNEL_REF	Channel	Bedrock Depth	C_BD_205	percent (out of cells with data)	Bedrock depths greater than 400 feet
WD_HYDRO_VA_CHANNEL_REF	Channel	Bedrock Depth	C_BD_206	percent (out of cells with data)	Bedrock depths from 600 to 800 feet
WD_HYDRO_VA_CHANNEL_REF	Channel	Bedrock Depth	C_BD_207	percent (out of cells with data)	Bedrock depths from 800 to 1000 feet
WD_HYDRO_VA_CHANNEL_REF	Channel	Bedrock Depth	C_BD_208	percent (out of cells with data)	Bedrock depths from 1000 to 1200 feet
WD_HYDRO_VA_CHANNEL_REF	Channel	Bedrock Depth	C_BD_209	percent (out of cells with data)	Bedrock depths from 1200 to 1400 feet
WD_HYDRO_VA_CHANNEL_REF	Channel	Bedrock Depth	C_BD_210	percent (out of cells with data)	Bedrock depths from 1400 to 1600 feet
WD_HYDRO_VA_CHANNEL_REF	Channel	Bedrock Depth	C_BD_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_CHANNEL_REF	Channel	Bedrock Geology	C_BR_1	percent (out of cells with data)	Sandstone
WD_HYDRO_VA_CHANNEL_REF	Channel	Bedrock Geology	C_BR_2	percent (out of cells with data)	Shale
WD_HYDRO_VA_CHANNEL_REF	Channel	Bedrock Geology	C_BR_3	percent (out of cells with data)	Carbonate
WD_HYDRO_VA_CHANNEL_REF	Channel	Bedrock Geology	C_BR_41	percent (out of cells with data)	Metamorphic
WD_HYDRO_VA_CHANNEL_REF	Channel	Bedrock Geology	C_BR_42	percent (out of cells with data)	Igneous
WD_HYDRO_VA_CHANNEL_REF	Channel	Bedrock Geology	C_BR_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_1	percent (out of cells with data)	Outwash (coarse) (A3)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_10	percent (out of cells with data)	Lacustrine sand and gravel (coarse) (E3)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_11	percent (out of cells with data)	Colluvium (F0)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_12	percent (out of cells with data)	Alluvium (G0)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_13	percent (out of cells with data)	Stagnation moraine (coarse) (I3)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_14	percent (out of cells with data)	Attenuated drift (coarse) (J3)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_15	percent (out of cells with data)	Water (W0)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_16	percent (out of cells with data)	No landform (medium) (Z2)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_17	percent (out of cells with data)	No landform (coarse) (Z3)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_18	percent (out of cells with data)	No landform (peat and muck) (Z4)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_2	percent (out of cells with data)	Ice-contact (coarse) (B3)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_20	percent (out of cells with data)	Stagnation moraine (medium) (I2)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_21	percent (out of cells with data)	No landform (no texture) (Z0)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_22	percent (out of cells with data)	Attenuated drift (Medium) (J2)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_24	percent (out of cells with data)	Loess (fine) (H1)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_29	percent (out of cells with data)	Dune (coarse) (K3)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_3	percent (out of cells with data)	End-moraine (fine) (C1)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_4	percent (out of cells with data)	End-moraine (medium) (C2)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_5	percent (out of cells with data)	End-moraine (coarse) (C3)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_6	percent (out of cells with data)	Ground-moraine (fine) (D1)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_7	percent (out of cells with data)	Ground-moraine (medium) (D2)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_8	percent (out of cells with data)	Ground-moraine (coarse) (D3)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_9	percent (out of cells with data)	Lacustrine clay and silt (fine) (E1)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_99	percent (out of cells with data)	No surficial material (bedrock derived soil) (Y0)
WD_HYDRO_VA_CHANNEL_REF	Channel	Surficial Geology	C_QG_MISSING	percent	Percent of total area with no data

TABLE_NAME	LEVEL	THEME	FIELD_NAME	UNITS	DESCRIPTION
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Bedrock Depth	R_BD_204	percent (out of cells with data)	Bedrock depths from 200 to 400
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Bedrock Depth	R_BD_205	percent (out of cells with data)	Bedrock depths greater than 400 feet
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Bedrock Depth	R_BD_206	percent (out of cells with data)	Bedrock depths from 600 to 800 feet
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Bedrock Depth	R_BD_207	percent (out of cells with data)	Bedrock depths from 800 to 1000 feet
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Bedrock Depth	R_BD_208	percent (out of cells with data)	Bedrock depths from 1000 to 1200 feet
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Bedrock Depth	R_BD_209	percent (out of cells with data)	Bedrock depths from 1200 to 1400 feet
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Bedrock Depth	R_BD_210	percent (out of cells with data)	Bedrock depths from 1400 to 1600 feet
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Bedrock Depth	R_BD_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Bedrock Geology	R_BR_1	percent (out of cells with data)	Sandstone
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Bedrock Geology	R_BR_2	percent (out of cells with data)	Shale
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Bedrock Geology	R_BR_3	percent (out of cells with data)	Carbonate
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Bedrock Geology	R_BR_41	percent (out of cells with data)	Metamorphic
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Bedrock Geology	R_BR_42	percent (out of cells with data)	Igneous
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Bedrock Geology	R_BR_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Groundwater Potential	R_DARCY	m/day - 1	Mean Darcy value
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Ecoregion	R_ECO_47	percent (out of cells with data)	Western Corn Belt Plains
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Ecoregion	R_ECO_50	percent (out of cells with data)	Northern Lakes and Forests
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Ecoregion	R_ECO_51	percent (out of cells with data)	North Central Hardwood Forest
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Ecoregion	R_ECO_52	percent (out of cells with data)	Driftless Area
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Ecoregion	R_ECO_53	percent (out of cells with data)	Southeastern Wisconsin Till Plains
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Ecoregion	R_ECO_54	percent (out of cells with data)	Central Corn Belt
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Ecoregion	R_ECO_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2001	R_LU01_11	percent (out of cells with data)	Urban, commercial/industrial(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2001	R_LU01_12	percent (out of cells with data)	Urban, residential(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2001	R_LU01_13	percent (out of cells with data)	Urban, other(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2001	R_LU01_21	percent (out of cells with data)	Agriculture, non-row crop(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2001	R_LU01_22	percent (out of cells with data)	Agriculture, row crop(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2001	R_LU01_30	percent (out of cells with data)	Open / non-forest(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2001	R_LU01_41	percent (out of cells with data)	Forest, Deciduous(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2001	R_LU01_42	percent (out of cells with data)	Forest, Coniferous(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2001	R_LU01_43	percent (out of cells with data)	Forest, mixed(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2001	R_LU01_50	percent (out of cells with data)	Open water(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2001	R_LU01_613	percent (out of cells with data)	Wetland, wooded, mixed lowland forest(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2001	R_LU01_62	percent (out of cells with data)	Wetland, non-wooded(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2001	R_LU01_70	percent (out of cells with data)	Barren(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2001	R_LU01_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2006	R_LU06_11	percent (out of cells with data)	11 Open Water
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2006	R_LU06_21	percent (out of cells with data)	21 Developed, Open Space
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2006	R_LU06_22	percent (out of cells with data)	22 Developed, Low Intensity
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2006	R_LU06_23	percent (out of cells with data)	23 Developed, Medium Intensity
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2006	R_LU06_24	percent (out of cells with data)	24 Developed High Intensity
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2006	R_LU06_31	percent (out of cells with data)	31 Barren Land (Rock/Sand/Clay)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2006	R_LU06_41	percent (out of cells with data)	41 Deciduous Forest
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2006	R_LU06_42	percent (out of cells with data)	42 Evergreen Forest
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2006	R_LU06_43	percent (out of cells with data)	43 Mixed Forest
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2006	R_LU06_52	percent (out of cells with data)	52 Shrub/Scrub
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2006	R_LU06_71	percent (out of cells with data)	71 Grassland/Herbaceous
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2006	R_LU06_81	percent (out of cells with data)	81 Pasture/Hay
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2006	R_LU06_82	percent (out of cells with data)	82 Cultivated Crops
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2006	R_LU06_90	percent (out of cells with data)	90 Woody Wetlands
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2006	R_LU06_95	percent (out of cells with data)	95 Emergent Herbaceous Wetlands
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 2006	R_LU06_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_11	percent (out of cells with data)	Urban, commercial/industrial(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_12	percent (out of cells with data)	Urban, residential(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_13	percent (out of cells with data)	Urban, other(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_14	percent (out of cells with data)	Urban, transportation and parking lots(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_21	percent (out of cells with data)	Agriculture, non-row crop(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_22	percent (out of cells with data)	Agriculture, row crop(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_30	percent (out of cells with data)	Open / non-forest(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_41	percent (out of cells with data)	Forest, Deciduous(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_42	percent (out of cells with data)	Forest, Coniferous(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_43	percent (out of cells with data)	Forest, mixed(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_50	percent (out of cells with data)	Open water(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_610	percent (out of cells with data)	Wetland, wooded, shrubland(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_611	percent (out of cells with data)	Wetland, wooded, lowland deciduous forest(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_612	percent (out of cells with data)	Wetland, wooded, lowland coniferous forest(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_613	percent (out of cells with data)	Wetland, wooded, mixed lowland forest(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_62	percent (out of cells with data)	Wetland, non-wooded(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_70	percent (out of cells with data)	Barren(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Land Cover 1992	R_LU92_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_11	percent (out of cells with data)	Open Water
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_131	percent (out of cells with data)	new corn crop transitioned from barren land
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_141	percent (out of cells with data)	new corn crop transitioned from deciduous forest
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_142	percent (out of cells with data)	new corn crop transitioned from evergreen forest
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_143	percent (out of cells with data)	new corn crop transitioned from mixed forest
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Area	R_AREA	square kilometers	total area, calculated from pixels, of 60-m buffer around lake or stream
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Bedrock Depth	R_BD_201	percent (out of cells with data)	Bedrock depths from 1 to 50 ft
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Bedrock Depth	R_BD_202	percent (out of cells with data)	Bedrock depths from 50 to 100
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Bedrock Depth	R_BD_203	percent (out of cells with data)	Bedrock depths from 100 to 200
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_152	percent (out of cells with data)	new corn crop transitioned from scrub/shrub
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_171	percent (out of cells with data)	new corn crop transitioned from grasslands
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_190	percent (out of cells with data)	new corn crop transitioned from woody wetlands
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_195	percent (out of cells with data)	new corn crop transitioned from emergent herbaceous wetlands
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_21	percent (out of cells with data)	Developed, Open Space
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_22	percent (out of cells with data)	Developed, Low Intensity
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_23	percent (out of cells with data)	Developed, Medium Intensity
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_24	percent (out of cells with data)	Developed, High Intensity
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_31	percent (out of cells with data)	Barren Land
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_41	percent (out of cells with data)	Deciduous Forest
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_42	percent (out of cells with data)	Evergreen Forest
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_43	percent (out of cells with data)	Mixed Forest
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_52	percent (out of cells with data)	Scrub/Shrub
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2010	R_MLU10_71	percent (out of cells with data)	Grasslands

[illegible]

TABLE_NAME	LEVEL	THEME	FIELD_NAME	UNITS	DESCRIPTION
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2050	R_MLU50_41	percent (out of cells with data)	Deciduous Forest
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2050	R_MLU50_42	percent (out of cells with data)	Evergreen Forest
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2050	R_MLU50_43	percent (out of cells with data)	Mixed Forest
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2050	R_MLU50_52	percent (out of cells with data)	Scrub/Shrub
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2050	R_MLU50_71	percent (out of cells with data)	Grasslands
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2050	R_MLU50_81	percent (out of cells with data)	Pasture/Hay
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2050	R_MLU50_82	percent (out of cells with data)	Cultivated Crop
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2050	R_MLU50_90	percent (out of cells with data)	Woody Wetlands
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2050	R_MLU50_95	percent (out of cells with data)	Emergent Herbaceous Wetlands
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Modeled Land Cover 2050	R_MLU50_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Soil Permeability	R_PERM	inches/hour*100	Mean soil permeability
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Presettlement Land Cover	R_PSLU_30	percent (out of cells with data)	Open/non-forested
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Presettlement Land Cover	R_PSLU_41	percent (out of cells with data)	Forest- Deciduous (upland)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Presettlement Land Cover	R_PSLU_42	percent (out of cells with data)	Forest- Coniferous (upland)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Presettlement Land Cover	R_PSLU_43	percent (out of cells with data)	Forest - Mixed Deciduous/Coniferous (upland)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Presettlement Land Cover	R_PSLU_50	percent (out of cells with data)	Open Water
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Presettlement Land Cover	R_PSLU_610	percent (out of cells with data)	Wetland - Wooded - shrubland
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Presettlement Land Cover	R_PSLU_611	percent (out of cells with data)	Wetland - Wooded - lowland deciduous forest
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Presettlement Land Cover	R_PSLU_612	percent (out of cells with data)	Wetland - Wooded - lowland coniferous forest
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Presettlement Land Cover	R_PSLU_613	percent (out of cells with data)	Wetland - Wooded - lowland mixed forest
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Presettlement Land Cover	R_PSLU_62	percent (out of cells with data)	Wetland - Nonwooded
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Presettlement Land Cover	R_PSLU_70	percent (out of cells with data)	Barren
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Presettlement Land Cover	R_PSLU_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_1	percent (out of cells with data)	Outwash (coarse) (A3)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_10	percent (out of cells with data)	Lacustrine sand and gravel (coarse) (E3)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_11	percent (out of cells with data)	Colluvium (F0)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_12	percent (out of cells with data)	Alluvium (G0)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_13	percent (out of cells with data)	Stagnation moraine (coarse) (I3)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_14	percent (out of cells with data)	Attenuated drift (coarse) (J3)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_15	percent (out of cells with data)	Water (W0)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_16	percent (out of cells with data)	No landform (medium) (Z2)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_17	percent (out of cells with data)	No landform (coarse) (Z3)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_18	percent (out of cells with data)	No landform (peat and muck) (Z4)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_2	percent (out of cells with data)	Ice-contact (coarse) (B3)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_20	percent (out of cells with data)	Stagnation moraine (medium) (I2)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_21	percent (out of cells with data)	No landform (no texture) (Z0)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_22	percent (out of cells with data)	Attenuated drift (Medium) (J2)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_24	percent (out of cells with data)	Loess (fine) (H1)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_29	percent (out of cells with data)	Dune (coarse) (K3)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_3	percent (out of cells with data)	End-moraine (fine) (C1)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_4	percent (out of cells with data)	End-moraine (medium) (C2)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_5	percent (out of cells with data)	End-moraine (coarse) (C3)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_6	percent (out of cells with data)	Ground-moraine (fine) (D1)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_7	percent (out of cells with data)	Ground-moraine (medium) (D2)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_8	percent (out of cells with data)	Ground-moraine (coarse) (D3)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_9	percent (out of cells with data)	Lacustrine clay and silt (fine) (E1)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_99	percent (out of cells with data)	No surficial material (bedrock derived soil) (Y0)
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Surficial Geology	R_QG_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_REF	Riparian	Slope	R_SLOPE	degrees	Mean slope
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Area	TRR_AREA	square kilometers	total area, calculated from pixels, of traced riparian area
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Bedrock Depth	TRR_BD_205	percent (out of cells with data)	Bedrock depths greater than 400 feet
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Bedrock Depth	TRR_BD_206	percent (out of cells with data)	Bedrock depths from 600 to 800 feet
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Bedrock Depth	TRR_BD_207	percent (out of cells with data)	Bedrock depths from 800 to 1000 feet
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Bedrock Depth	TRR_BD_208	percent (out of cells with data)	Bedrock depths from 1000 to 1200 feet
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Bedrock Depth	TRR_BD_209	percent (out of cells with data)	Bedrock depths from 1200 to 1400 feet
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Bedrock Depth	TRR_BD_210	percent (out of cells with data)	Bedrock depths from 1400 to 1600 feet
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Bedrock Depth	TRR_BD_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Bedrock Geology	TRR_BR_1	percent (out of cells with data)	Sandstone
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Bedrock Geology	TRR_BR_2	percent (out of cells with data)	Shale
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Bedrock Geology	TRR_BR_3	percent (out of cells with data)	Carbonate
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Bedrock Geology	TRR_BR_41	percent (out of cells with data)	Metamorphic
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Bedrock Geology	TRR_BR_42	percent (out of cells with data)	Igneous
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Bedrock Geology	TRR_BR_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Groundwater Potential	TRR_DARCY	m/day	Mean Darcy value
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2001	TRR_LU01_11	percent (out of cells with data)	Urban, commercial/industrial(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2001	TRR_LU01_12	percent (out of cells with data)	Urban, residential(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2001	TRR_LU01_13	percent (out of cells with data)	Urban, other(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2001	TRR_LU01_21	percent (out of cells with data)	Agriculture, non-row crop(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2001	TRR_LU01_22	percent (out of cells with data)	Agriculture, row crop(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2001	TRR_LU01_30	percent (out of cells with data)	Open / non-forest(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2001	TRR_LU01_41	percent (out of cells with data)	Forest, Deciduous(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2001	TRR_LU01_42	percent (out of cells with data)	Forest, Coniferous(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2001	TRR_LU01_43	percent (out of cells with data)	Forest, mixed(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2001	TRR_LU01_50	percent (out of cells with data)	Open water(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2001	TRR_LU01_613	percent (out of cells with data)	Wetland, wooded, mixed lowland forest(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2001	TRR_LU01_62	percent (out of cells with data)	Wetland, non-wooded(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2001	TRR_LU01_70	percent (out of cells with data)	Barren(2001 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2001	TRR_LU01_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2006	TRR_LU06_11	percent (out of cells with data)	11 Open Water
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2006	TRR_LU06_21	percent (out of cells with data)	21 Developed, Open Space
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2006	TRR_LU06_22	percent (out of cells with data)	22 Developed, Low Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2006	TRR_LU06_23	percent (out of cells with data)	23 Developed, Medium Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2006	TRR_LU06_24	percent (out of cells with data)	24 Developed High Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2006	TRR_LU06_31	percent (out of cells with data)	31 Barren Land (Rock/Sand/Clay)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2006	TRR_LU06_41	percent (out of cells with data)	41 Deciduous Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2006	TRR_LU06_42	percent (out of cells with data)	42 Evergreen Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2006	TRR_LU06_43	percent (out of cells with data)	43 Mixed Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2006	TRR_LU06_52	percent (out of cells with data)	52 Shrub/Scrub
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2006	TRR_LU06_71	percent (out of cells with data)	71 Grassland/Herbaceous
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2006	TRR_LU06_81	percent (out of cells with data)	81 Pasture/Hay
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2006	TRR_LU06_82	percent (out of cells with data)	82 Cultivated Crops
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2006	TRR_LU06_90	percent (out of cells with data)	90 Woody Wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2006	TRR_LU06_95	percent (out of cells with data)	95 Emergent Herbaceous Wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 2006	TRR_LU06_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_11	percent (out of cells with data)	Urban, commercial/industrial(1992 NLCD)

TABLE_NAME	LEVEL	THEME	FIELD_NAME	UNITS	DESCRIPTION
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_12	percent (out of cells with data)	Urban, residential(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_13	percent (out of cells with data)	Urban, other(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_14	percent (out of cells with data)	Urban, transportation and parking lots(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_21	percent (out of cells with data)	Agriculture, non-row crop(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_22	percent (out of cells with data)	Agriculture, row crop(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_30	percent (out of cells with data)	Open / non-forest(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_41	percent (out of cells with data)	Forest, Deciduous(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_43	percent (out of cells with data)	Forest, mixed(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_50	percent (out of cells with data)	Open water(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_610	percent (out of cells with data)	Wetland, wooded, shrubland(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_611	percent (out of cells with data)	Wetland, wooded, lowland deciduous forest(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_612	percent (out of cells with data)	Wetland, wooded, lowland coniferous forest(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_613	percent (out of cells with data)	Wetland, wooded, mixed lowland forest(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_62	percent (out of cells with data)	Wetland, non-wooded(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_70	percent (out of cells with data)	Barren(1992 NLCD)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_11	percent (out of cells with data)	Open Water
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_131	percent (out of cells with data)	new corn crop transitioned from barren land
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_141	percent (out of cells with data)	new corn crop transitioned from deciduous forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_142	percent (out of cells with data)	new corn crop transitioned from evergreen forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_143	percent (out of cells with data)	new corn crop transitioned from mixed forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_152	percent (out of cells with data)	new corn crop transitioned from scrub/shrub
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_171	percent (out of cells with data)	new corn crop transitioned from grasslands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_190	percent (out of cells with data)	new corn crop transitioned from woody wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_195	percent (out of cells with data)	new corn crop transitioned from emergent herbaceous wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_21	percent (out of cells with data)	Developed, Open Space
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_22	percent (out of cells with data)	Developed, Low Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_23	percent (out of cells with data)	Developed, Medium Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_24	percent (out of cells with data)	Developed, High Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_31	percent (out of cells with data)	Barren Land
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_41	percent (out of cells with data)	Deciduous Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_42	percent (out of cells with data)	Evergreen Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_43	percent (out of cells with data)	Mixed Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_52	percent (out of cells with data)	Scrub/Shrub
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_71	percent (out of cells with data)	Grasslands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_81	percent (out of cells with data)	Pasture/Hay
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_82	percent (out of cells with data)	Cultivated Crop
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_90	percent (out of cells with data)	Woody Wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_95	percent (out of cells with data)	Emergent Herbaceous Wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2010	TRR_MLU10_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_11	percent (out of cells with data)	Open Water
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_131	percent (out of cells with data)	new corn crop transitioned from barren land
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_141	percent (out of cells with data)	new corn crop transitioned from deciduous forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_142	percent (out of cells with data)	new corn crop transitioned from evergreen forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_143	percent (out of cells with data)	new corn crop transitioned from mixed forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_152	percent (out of cells with data)	new corn crop transitioned from scrub/shrub
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_171	percent (out of cells with data)	new corn crop transitioned from grasslands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_190	percent (out of cells with data)	new corn crop transitioned from woody wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_195	percent (out of cells with data)	new corn crop transitioned from emergent herbaceous wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_21	percent (out of cells with data)	Developed, Open Space
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_22	percent (out of cells with data)	Developed, Low Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_23	percent (out of cells with data)	Developed, Medium Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_24	percent (out of cells with data)	Developed, High Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_31	percent (out of cells with data)	Barren Land
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_41	percent (out of cells with data)	Deciduous Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_42	percent (out of cells with data)	Evergreen Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_43	percent (out of cells with data)	Mixed Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_52	percent (out of cells with data)	Scrub/Shrub
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_71	percent (out of cells with data)	Grasslands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_81	percent (out of cells with data)	Pasture/Hay
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_82	percent (out of cells with data)	Cultivated Crop
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_90	percent (out of cells with data)	Woody Wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_95	percent (out of cells with data)	Emergent Herbaceous Wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2020	TRR_MLU20_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_11	percent (out of cells with data)	Open Water
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_131	percent (out of cells with data)	new corn crop transitioned from barren land
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_141	percent (out of cells with data)	new corn crop transitioned from deciduous forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_142	percent (out of cells with data)	new corn crop transitioned from evergreen forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_143	percent (out of cells with data)	new corn crop transitioned from mixed forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_152	percent (out of cells with data)	new corn crop transitioned from scrub/shrub
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_171	percent (out of cells with data)	new corn crop transitioned from grasslands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_190	percent (out of cells with data)	new corn crop transitioned from woody wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_195	percent (out of cells with data)	new corn crop transitioned from emergent herbaceous wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_21	percent (out of cells with data)	Developed, Open Space
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_22	percent (out of cells with data)	Developed, Low Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_23	percent (out of cells with data)	Developed, Medium Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_24	percent (out of cells with data)	Developed, High Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_31	percent (out of cells with data)	Barren Land
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_41	percent (out of cells with data)	Deciduous Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_42	percent (out of cells with data)	Evergreen Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_43	percent (out of cells with data)	Mixed Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_52	percent (out of cells with data)	Scrub/Shrub
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_71	percent (out of cells with data)	Grasslands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_81	percent (out of cells with data)	Pasture/Hay
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_82	percent (out of cells with data)	Cultivated Crop
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_90	percent (out of cells with data)	Woody Wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_95	percent (out of cells with data)	Emergent Herbaceous Wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2030	TRR_MLU30_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_11	percent (out of cells with data)	Open Water
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_131	percent (out of cells with data)	new corn crop transitioned from barren land
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_141	percent (out of cells with data)	new corn crop transitioned from deciduous forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_142	percent (out of cells with data)	new corn crop transitioned from evergreen forest

TABLE_NAME	LEVEL	THEME	FIELD_NAME	UNITS	DESCRIPTION
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_143	percent (out of cells with data)	new corn crop transitioned from mixed forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_152	percent (out of cells with data)	new corn crop transitioned from scrub/shrub
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_171	percent (out of cells with data)	new corn crop transitioned from grasslands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_190	percent (out of cells with data)	new corn crop transitioned from woody wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_195	percent (out of cells with data)	new corn crop transitioned from emergent herbaceous wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_21	percent (out of cells with data)	Developed, Open Space
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_22	percent (out of cells with data)	Developed, Low Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_23	percent (out of cells with data)	Developed, Medium Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_24	percent (out of cells with data)	Developed, High Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_31	percent (out of cells with data)	Barren Land
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_41	percent (out of cells with data)	Deciduous Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_42	percent (out of cells with data)	Evergreen Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_43	percent (out of cells with data)	Mixed Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_52	percent (out of cells with data)	Scrub/Shrub
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_71	percent (out of cells with data)	Grasslands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_81	percent (out of cells with data)	Pasture/Hay
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_82	percent (out of cells with data)	Cultivated Crop
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_90	percent (out of cells with data)	Woody Wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_95	percent (out of cells with data)	Emergent Herbaceous Wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2040	TRR_MLU40_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_11	percent (out of cells with data)	Open Water
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_131	percent (out of cells with data)	new corn crop transitioned from barren land
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_141	percent (out of cells with data)	new corn crop transitioned from deciduous forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_142	percent (out of cells with data)	new corn crop transitioned from evergreen forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_143	percent (out of cells with data)	new corn crop transitioned from mixed forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_152	percent (out of cells with data)	new corn crop transitioned from scrub/shrub
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_171	percent (out of cells with data)	new corn crop transitioned from grasslands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_190	percent (out of cells with data)	new corn crop transitioned from woody wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_195	percent (out of cells with data)	new corn crop transitioned from emergent herbaceous wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_21	percent (out of cells with data)	Developed, Open Space
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_22	percent (out of cells with data)	Developed, Low Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_23	percent (out of cells with data)	Developed, Medium Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_24	percent (out of cells with data)	Developed, High Intensity
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_31	percent (out of cells with data)	Barren Land
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_41	percent (out of cells with data)	Deciduous Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_42	percent (out of cells with data)	Evergreen Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_43	percent (out of cells with data)	Mixed Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_52	percent (out of cells with data)	Scrub/Shrub
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_71	percent (out of cells with data)	Grasslands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_81	percent (out of cells with data)	Pasture/Hay
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_82	percent (out of cells with data)	Cultivated Crop
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_90	percent (out of cells with data)	Woody Wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_95	percent (out of cells with data)	Emergent Herbaceous Wetlands
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Modeled Land Cover 2050	TRR_MLU50_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Soil Permeability	TRR_PERM	inches/hour*100	Mean soil permeability
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Presettlement Land Cover	TRR_PSLU_30	percent (out of cells with data)	Open/non-forested
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Presettlement Land Cover	TRR_PSLU_41	percent (out of cells with data)	Forest- Deciduous (upland)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Presettlement Land Cover	TRR_PSLU_42	percent (out of cells with data)	Forest- Coniferous (upland)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Presettlement Land Cover	TRR_PSLU_43	percent (out of cells with data)	Forest - Mixed Deciduous/Coniferous (upland)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Presettlement Land Cover	TRR_PSLU_50	percent (out of cells with data)	Open Water
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Presettlement Land Cover	TRR_PSLU_610	percent (out of cells with data)	Wetland - Wooded - shrubland
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Presettlement Land Cover	TRR_PSLU_611	percent (out of cells with data)	Wetland - Wooded - lowland deciduous forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Presettlement Land Cover	TRR_PSLU_612	percent (out of cells with data)	Wetland - Wooded - lowland coniferous forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Presettlement Land Cover	TRR_PSLU_613	percent (out of cells with data)	Wetland - Wooded - lowland mixed forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Presettlement Land Cover	TRR_PSLU_62	percent (out of cells with data)	Wetland - Nonwooded
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Presettlement Land Cover	TRR_PSLU_70	percent (out of cells with data)	Barren
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Presettlement Land Cover	TRR_PSLU_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_1	percent (out of cells with data)	Outwash (coarse) (A3)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_10	percent (out of cells with data)	Lacustrine sand and gravel (coarse) (E3)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_11	percent (out of cells with data)	Colluvium (F0)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_12	percent (out of cells with data)	Alluvium (G0)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_13	percent (out of cells with data)	Stagnation moraine (coarse) (I3)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_14	percent (out of cells with data)	Attenuated drift (coarse) (J3)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_15	percent (out of cells with data)	Water (W0)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_16	percent (out of cells with data)	No landform (medium) (Z2)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_17	percent (out of cells with data)	No landform (coarse) (Z3)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_18	percent (out of cells with data)	No landform (peat and muck) (Z4)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_2	percent (out of cells with data)	Ice-contact (coarse) (B3)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_20	percent (out of cells with data)	Stagnation moraine (medium) (I2)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_21	percent (out of cells with data)	No landform (no texture) (Z0)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_22	percent (out of cells with data)	Attenuated drift (Medium) (J2)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_24	percent (out of cells with data)	Loess (fine) (H1)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_29	percent (out of cells with data)	Dune (coarse) (K3)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_3	percent (out of cells with data)	End-moraine (fine) (C1)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_4	percent (out of cells with data)	End-moraine (medium) (C2)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_5	percent (out of cells with data)	End-moraine (coarse) (C3)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_6	percent (out of cells with data)	Ground-moraine (fine) (D1)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_7	percent (out of cells with data)	Ground-moraine (medium) (D2)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_8	percent (out of cells with data)	Ground-moraine (coarse) (D3)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_9	percent (out of cells with data)	Lacustrine clay and silt (fine) (E1)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_99	percent (out of cells with data)	No surficial material (bedrock derived soil) (Y0)
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Surficial Geology	TRR_QG_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Slope	TRR_SLOPE	degrees	Mean slope
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Bedrock Depth	TRR_BD_201	percent (out of cells with data)	Bedrock depths from 1 to 50 ft
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Bedrock Depth	TRR_BD_202	percent (out of cells with data)	Bedrock depths from 50 to 100
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Bedrock Depth	TRR_BD_203	percent (out of cells with data)	Bedrock depths from 100 to 200
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Bedrock Depth	TRR_BD_204	percent (out of cells with data)	Bedrock depths from 200 to 400
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Ecoregion	TRR_ECO_47	percent (out of cells with data)	Western Corn Belt Plains
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Ecoregion	TRR_ECO_50	percent (out of cells with data)	Northern Lakes and Forests
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Ecoregion	TRR_ECO_51	percent (out of cells with data)	North Central Hardwood Forest
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Ecoregion	TRR_ECO_52	percent (out of cells with data)	Driftless Area
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Ecoregion	TRR_ECO_53	percent (out of cells with data)	Southeastern Wisconsin Till Plains
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Ecoregion	TRR_ECO_54	percent (out of cells with data)	Central Corn Belt

TABLE_NAME	LEVEL	THEME	FIELD_NAME	UNITS	DESCRIPTION
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Ecoregion	TRR_ECO_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_RIPARIAN_TR_REF	Riparian Trace	Land Cover 1992	TRR_LU92_42	percent (out of cells with data)	Forest, Coniferous(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_152	percent (out of cells with data)	new corn crop transitioned from scrub/shrub
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_171	percent (out of cells with data)	new corn crop transitioned from grasslands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_190	percent (out of cells with data)	new corn crop transitioned from woody wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_195	percent (out of cells with data)	new corn crop transitioned from emergent herbaceous wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_21	percent (out of cells with data)	Developed, Open Space
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_22	percent (out of cells with data)	Developed, Low Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_23	percent (out of cells with data)	Developed, Medium Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_24	percent (out of cells with data)	Developed, High Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_31	percent (out of cells with data)	Barren Land
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_41	percent (out of cells with data)	Deciduous Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_42	percent (out of cells with data)	Evergreen Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_43	percent (out of cells with data)	Mixed Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_52	percent (out of cells with data)	Scrub/Shrub
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_71	percent (out of cells with data)	Grasslands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_81	percent (out of cells with data)	Pasture/Hay
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_82	percent (out of cells with data)	Cultivated Crop
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_90	percent (out of cells with data)	Woody Wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_95	percent (out of cells with data)	Emergent Herbaceous Wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_11	percent (out of cells with data)	Open Water
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_131	percent (out of cells with data)	new corn crop transitioned from barren land
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_141	percent (out of cells with data)	new corn crop transitioned from deciduous forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_142	percent (out of cells with data)	new corn crop transitioned from evergreen forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_143	percent (out of cells with data)	new corn crop transitioned from mixed forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_151	percent (out of cells with data)	new corn crop transitioned from scrub/shrub
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_172	percent (out of cells with data)	new corn crop transitioned from grasslands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_190	percent (out of cells with data)	new corn crop transitioned from woody wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_195	percent (out of cells with data)	new corn crop transitioned from emergent herbaceous wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_21	percent (out of cells with data)	Developed, Open Space
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_22	percent (out of cells with data)	Developed, Low Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_23	percent (out of cells with data)	Developed, Medium Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_24	percent (out of cells with data)	Developed, High Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_31	percent (out of cells with data)	Barren Land
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_41	percent (out of cells with data)	Deciduous Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_42	percent (out of cells with data)	Evergreen Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_43	percent (out of cells with data)	Mixed Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_52	percent (out of cells with data)	Scrub/Shrub
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_71	percent (out of cells with data)	Grasslands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_81	percent (out of cells with data)	Pasture/Hay
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_82	percent (out of cells with data)	Cultivated Crop
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_90	percent (out of cells with data)	Woody Wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_95	percent (out of cells with data)	Emergent Herbaceous Wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2020	W_MLU20_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_11	percent (out of cells with data)	Open Water
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_131	percent (out of cells with data)	new corn crop transitioned from barren land
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_141	percent (out of cells with data)	new corn crop transitioned from deciduous forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_142	percent (out of cells with data)	new corn crop transitioned from evergreen forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_143	percent (out of cells with data)	new corn crop transitioned from mixed forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_152	percent (out of cells with data)	new corn crop transitioned from scrub/shrub
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_171	percent (out of cells with data)	new corn crop transitioned from grasslands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_190	percent (out of cells with data)	new corn crop transitioned from woody wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_195	percent (out of cells with data)	new corn crop transitioned from emergent herbaceous wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_21	percent (out of cells with data)	Developed, Open Space
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_22	percent (out of cells with data)	Developed, Low Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_23	percent (out of cells with data)	Developed, Medium Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_24	percent (out of cells with data)	Developed, High Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_31	percent (out of cells with data)	Barren Land
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_41	percent (out of cells with data)	Deciduous Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_42	percent (out of cells with data)	Evergreen Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_43	percent (out of cells with data)	Mixed Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_52	percent (out of cells with data)	Scrub/Shrub
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_71	percent (out of cells with data)	Grasslands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_81	percent (out of cells with data)	Pasture/Hay
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_82	percent (out of cells with data)	Cultivated Crop
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_90	percent (out of cells with data)	Woody Wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_95	percent (out of cells with data)	Emergent Herbaceous Wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2030	W_MLU30_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_11	percent (out of cells with data)	Open Water
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_131	percent (out of cells with data)	new corn crop transitioned from barren land
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_141	percent (out of cells with data)	new corn crop transitioned from deciduous forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_142	percent (out of cells with data)	new corn crop transitioned from evergreen forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_143	percent (out of cells with data)	new corn crop transitioned from mixed forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_152	percent (out of cells with data)	new corn crop transitioned from scrub/shrub
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_171	percent (out of cells with data)	new corn crop transitioned from grasslands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_190	percent (out of cells with data)	new corn crop transitioned from woody wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_195	percent (out of cells with data)	new corn crop transitioned from emergent herbaceous wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_21	percent (out of cells with data)	Developed, Open Space
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_22	percent (out of cells with data)	Developed, Low Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_23	percent (out of cells with data)	Developed, Medium Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_24	percent (out of cells with data)	Developed, High Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_31	percent (out of cells with data)	Barren Land
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_41	percent (out of cells with data)	Deciduous Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_42	percent (out of cells with data)	Evergreen Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_43	percent (out of cells with data)	Mixed Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_52	percent (out of cells with data)	Scrub/Shrub
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_71	percent (out of cells with data)	Grasslands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_81	percent (out of cells with data)	Pasture/Hay
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_82	percent (out of cells with data)	Cultivated Crop
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_90	percent (out of cells with data)	Woody Wetlands

TABLE_NAME	LEVEL	THEME	FIELD_NAME	UNITS	DESCRIPTION
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_95	percent (out of cells with data)	Emergent Herbaceous Wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2040	W_MLU40_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_11	percent (out of cells with data)	Open Water
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_131	percent (out of cells with data)	new corn crop transitioned from barren land
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_141	percent (out of cells with data)	new corn crop transitioned from deciduous forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_142	percent (out of cells with data)	new corn crop transitioned from evergreen forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_143	percent (out of cells with data)	new corn crop transitioned from mixed forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2006	W_LU06_31	percent (out of cells with data)	31 Barren Land (Rock/Sand/Clay)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2006	W_LU06_41	percent (out of cells with data)	41 Deciduous Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2006	W_LU06_42	percent (out of cells with data)	42 Evergreen Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2006	W_LU06_43	percent (out of cells with data)	43 Mixed Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2006	W_LU06_52	percent (out of cells with data)	52 Shrub/Scrub
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2006	W_LU06_71	percent (out of cells with data)	71 Grassland/Herbaceous
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2006	W_LU06_81	percent (out of cells with data)	81 Pasture/Hay
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2006	W_LU06_82	percent (out of cells with data)	82 Cultivated Crops
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2006	W_LU06_90	percent (out of cells with data)	90 Woody Wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2006	W_LU06_95	percent (out of cells with data)	95 Emergent Herbaceous Wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2006	W_LU06_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_11	percent (out of cells with data)	Urban, commercial/industrial(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_12	percent (out of cells with data)	Urban, residential(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_13	percent (out of cells with data)	Urban, other(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_14	percent (out of cells with data)	Urban, transportation and parking lots(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_21	percent (out of cells with data)	Agriculture, non-row crop(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_22	percent (out of cells with data)	Agriculture, row crop(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_610	percent (out of cells with data)	Wetland, wooded, shrubland(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_611	percent (out of cells with data)	Wetland, wooded, lowland deciduous forest(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_612	percent (out of cells with data)	Wetland, wooded, lowland coniferous forest(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_613	percent (out of cells with data)	Wetland, wooded, mixed lowland forest(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_62	percent (out of cells with data)	Wetland, non-wooded(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_70	percent (out of cells with data)	Barren(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_11	percent (out of cells with data)	Open Water
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_131	percent (out of cells with data)	new corn crop transitioned from barren land
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_141	percent (out of cells with data)	new corn crop transitioned from deciduous forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_142	percent (out of cells with data)	new corn crop transitioned from evergreen forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2010	W_MLU10_143	percent (out of cells with data)	new corn crop transitioned from mixed forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_152	percent (out of cells with data)	new corn crop transitioned from scrub/shrub
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_171	percent (out of cells with data)	new corn crop transitioned from grasslands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_190	percent (out of cells with data)	new corn crop transitioned from woody wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_195	percent (out of cells with data)	new corn crop transitioned from emergent herbaceous wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_21	percent (out of cells with data)	Developed, Open Space
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_22	percent (out of cells with data)	Developed, Low Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_23	percent (out of cells with data)	Developed, Medium Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_24	percent (out of cells with data)	Developed, High Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_31	percent (out of cells with data)	Barren Land
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_41	percent (out of cells with data)	Deciduous Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_42	percent (out of cells with data)	Evergreen Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_43	percent (out of cells with data)	Mixed Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_52	percent (out of cells with data)	Scrub/Shrub
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_71	percent (out of cells with data)	Grasslands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_81	percent (out of cells with data)	Pasture/Hay
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_82	percent (out of cells with data)	Cultivated Crop
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_90	percent (out of cells with data)	Woody Wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_95	percent (out of cells with data)	Emergent Herbaceous Wetlands
WD_HYDRO_VA_WATERSHED_REF	Watershed	Modeled Land Cover 2050	W_MLU50_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_REF	Watershed	Soil Permeability	W_PERM	inches/hour*100	Mean soil permeability
WD_HYDRO_VA_WATERSHED_REF	Watershed	Climate	W_PRCP_ANN	mm	Average annual precipitation (1961-2000)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Presettlement Land Cover	W_PSLU_30	percent (out of cells with data)	Open/non-forested
WD_HYDRO_VA_WATERSHED_REF	Watershed	Presettlement Land Cover	W_PSLU_41	percent (out of cells with data)	Forest- Deciduous (upland)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Presettlement Land Cover	W_PSLU_42	percent (out of cells with data)	Forest- Coniferous (upland)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Presettlement Land Cover	W_PSLU_43	percent (out of cells with data)	Forest - Mixed Deciduous/Coniferous (upland)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Presettlement Land Cover	W_PSLU_50	percent (out of cells with data)	Open Water
WD_HYDRO_VA_WATERSHED_REF	Watershed	Presettlement Land Cover	W_PSLU_610	percent (out of cells with data)	Wetland - Wooded - shrubland
WD_HYDRO_VA_WATERSHED_REF	Watershed	Presettlement Land Cover	W_PSLU_611	percent (out of cells with data)	Wetland - Wooded - lowland deciduous forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Presettlement Land Cover	W_PSLU_612	percent (out of cells with data)	Wetland - Wooded - lowland coniferous forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Presettlement Land Cover	W_PSLU_613	percent (out of cells with data)	Wetland - Wooded - lowland mixed forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Presettlement Land Cover	W_PSLU_62	percent (out of cells with data)	Wetland - Nonwooded
WD_HYDRO_VA_WATERSHED_REF	Watershed	Presettlement Land Cover	W_PSLU_70	percent (out of cells with data)	Barren
WD_HYDRO_VA_WATERSHED_REF	Watershed	Presettlement Land Cover	W_PSLU_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_1	percent (out of cells with data)	Outwash (coarse) (A3)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_10	percent (out of cells with data)	Lacustrine sand and gravel (coarse) (E3)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_11	percent (out of cells with data)	Colluvium (F0)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_12	percent (out of cells with data)	Alluvium (G0)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_13	percent (out of cells with data)	Stagnation moraine (coarse) (I3)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_14	percent (out of cells with data)	Attenuated drift (coarse) (J3)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_15	percent (out of cells with data)	Water (W0)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_16	percent (out of cells with data)	No landform (medium) (Z2)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_17	percent (out of cells with data)	No landform (coarse) (Z3)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_18	percent (out of cells with data)	No landform (peat and muck) (Z4)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_2	percent (out of cells with data)	Ice-contact (coarse) (B3)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_20	percent (out of cells with data)	Stagnation moraine (medium) (I2)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_21	percent (out of cells with data)	No landform (no texture) (Z0)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_22	percent (out of cells with data)	Attenuated drift (Medium) (J2)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_24	percent (out of cells with data)	Loess (fine) (H1)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_29	percent (out of cells with data)	Dune (coarse) (K3)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_3	percent (out of cells with data)	End-moraine (fine) (C1)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_4	percent (out of cells with data)	End-moraine (medium) (C2)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_5	percent (out of cells with data)	End-moraine (coarse) (C3)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_6	percent (out of cells with data)	Ground-moraine (fine) (D1)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_7	percent (out of cells with data)	Ground-moraine (medium) (D2)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_8	percent (out of cells with data)	Ground-moraine (coarse) (D3)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_9	percent (out of cells with data)	Lacustrine clay and silt (fine) (E1)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_99	percent (out of cells with data)	No surficial material (bedrock derived soil) (Y0)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Surficial Geology	W_QG_MISSING	percent	Percent of total area with no data

TABLE_NAME	LEVEL	THEME	FIELD_NAME	UNITS	DESCRIPTION
WD_HYDRO_VA_WATERSHED_REF	Watershed	Slope	W_SLOPE	degrees	Mean slope
WD_HYDRO_VA_WATERSHED_REF	Watershed	Climate	W_TEMP_ANN	deg C	Average annual air temperature (1961-2000)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Climate	W_TEMP_GS	deg C	Average growing season (Apr-Oct) air temperature (1961-2000)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Climate	W_TEMP_JULY	deg C	Average July air temperature (1961-2000)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Area	W_AREA	square kilometers	total area, calculated from pixels, of immediate watershed for lake or stream
WD_HYDRO_VA_WATERSHED_REF	Watershed	Bedrock Depth	W_BD_201	percent (out of cells with data)	Bedrock depths from 1 to 50 ft
WD_HYDRO_VA_WATERSHED_REF	Watershed	Bedrock Depth	W_BD_202	percent (out of cells with data)	Bedrock depths from 50 to 100
WD_HYDRO_VA_WATERSHED_REF	Watershed	Bedrock Depth	W_BD_203	percent (out of cells with data)	Bedrock depths from 100 to 200
WD_HYDRO_VA_WATERSHED_REF	Watershed	Bedrock Depth	W_BD_204	percent (out of cells with data)	Bedrock depths from 200 to 400
WD_HYDRO_VA_WATERSHED_REF	Watershed	Bedrock Depth	W_BD_205	percent (out of cells with data)	Bedrock depths greater than 400 feet
WD_HYDRO_VA_WATERSHED_REF	Watershed	Bedrock Depth	W_BD_206	percent (out of cells with data)	Bedrock depths from 600 to 800 feet
WD_HYDRO_VA_WATERSHED_REF	Watershed	Bedrock Depth	W_BD_207	percent (out of cells with data)	Bedrock depths from 800 to 1000 feet
WD_HYDRO_VA_WATERSHED_REF	Watershed	Bedrock Depth	W_BD_208	percent (out of cells with data)	Bedrock depths from 1000 to 1200 feet
WD_HYDRO_VA_WATERSHED_REF	Watershed	Bedrock Depth	W_BD_209	percent (out of cells with data)	Bedrock depths from 1200 to 1400 feet
WD_HYDRO_VA_WATERSHED_REF	Watershed	Bedrock Depth	W_BD_210	percent (out of cells with data)	Bedrock depths from 1400 to 1600 feet
WD_HYDRO_VA_WATERSHED_REF	Watershed	Bedrock Depth	W_BD_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_REF	Watershed	Bedrock Geology	W_BR_1	percent (out of cells with data)	Sandstone
WD_HYDRO_VA_WATERSHED_REF	Watershed	Bedrock Geology	W_BR_2	percent (out of cells with data)	Shale
WD_HYDRO_VA_WATERSHED_REF	Watershed	Bedrock Geology	W_BR_3	percent (out of cells with data)	Carbonate
WD_HYDRO_VA_WATERSHED_REF	Watershed	Bedrock Geology	W_BR_41	percent (out of cells with data)	Metamorphic
WD_HYDRO_VA_WATERSHED_REF	Watershed	Bedrock Geology	W_BR_42	percent (out of cells with data)	Igneous
WD_HYDRO_VA_WATERSHED_REF	Watershed	Bedrock Geology	W_BR_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_REF	Watershed	Groundwater Potential	W_DARC	m/day -1	Mean Darcy value
WD_HYDRO_VA_WATERSHED_REF	Watershed	Ecoregion	W_ECO_47	percent (out of cells with data)	Western Corn Belt Plains
WD_HYDRO_VA_WATERSHED_REF	Watershed	Ecoregion	W_ECO_50	percent (out of cells with data)	Northern Lakes and Forests
WD_HYDRO_VA_WATERSHED_REF	Watershed	Ecoregion	W_ECO_51	percent (out of cells with data)	North Central Hardwood Forest
WD_HYDRO_VA_WATERSHED_REF	Watershed	Ecoregion	W_ECO_52	percent (out of cells with data)	Driftless Area
WD_HYDRO_VA_WATERSHED_REF	Watershed	Ecoregion	W_ECO_53	percent (out of cells with data)	Southeastern Wisconsin Till Plains
WD_HYDRO_VA_WATERSHED_REF	Watershed	Ecoregion	W_ECO_54	percent (out of cells with data)	Central Corn Belt
WD_HYDRO_VA_WATERSHED_REF	Watershed	Ecoregion	W_ECO_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_REF	Watershed	Latitude	W_LAT	decimal degrees	latitude of centroid of watershed
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2001	W_LU01_11	percent (out of cells with data)	Urban, commercial/industrial(2001 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2001	W_LU01_12	percent (out of cells with data)	Urban, residential(2001 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2001	W_LU01_13	percent (out of cells with data)	Urban, other(2001 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2001	W_LU01_21	percent (out of cells with data)	Agriculture, non-row crop(2001 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2001	W_LU01_22	percent (out of cells with data)	Agriculture, row crop(2001 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2001	W_LU01_30	percent (out of cells with data)	Open / non-forest(2001 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2001	W_LU01_41	percent (out of cells with data)	Forest, Deciduous(2001 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2001	W_LU01_42	percent (out of cells with data)	Forest, Coniferous(2001 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2001	W_LU01_43	percent (out of cells with data)	Forest, mixed(2001 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2001	W_LU01_50	percent (out of cells with data)	Open water(2001 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2001	W_LU01_613	percent (out of cells with data)	Wetland, wooded, mixed lowland forest(2001 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2001	W_LU01_62	percent (out of cells with data)	Wetland, non-wooded(2001 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2001	W_LU01_70	percent (out of cells with data)	Barren(2001 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2001	W_LU01_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2006	W_LU06_11	percent (out of cells with data)	11 Open Water
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2006	W_LU06_21	percent (out of cells with data)	21 Developed, Open Space
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2006	W_LU06_22	percent (out of cells with data)	22 Developed, Low Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2006	W_LU06_23	percent (out of cells with data)	23 Developed, Medium Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 2006	W_LU06_24	percent (out of cells with data)	24 Developed High Intensity
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_30	percent (out of cells with data)	Open / non-forest(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_41	percent (out of cells with data)	Forest, Deciduous(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_42	percent (out of cells with data)	Forest, Coniferous(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_43	percent (out of cells with data)	Forest, mixed(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	W_LU92_50	percent (out of cells with data)	Open water(1992 NLCD)
WD_HYDRO_VA_WATERSHED_REF	Watershed	Land Cover 1992	TRW_LU92_30	percent (out of cells with data)	Open / non-forest(1992 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Bedrock Depth	TRW_BD_201	percent (out of cells with data)	Bedrock depths from 1 to 50 ft
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Bedrock Depth	TRW_BD_202	percent (out of cells with data)	Bedrock depths from 50 to 100
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Bedrock Depth	TRW_BD_203	percent (out of cells with data)	Bedrock depths from 100 to 200
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Ecoregion	TRW_ECO_47	percent (out of cells with data)	Western Corn Belt Plains
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Ecoregion	TRW_ECO_50	percent (out of cells with data)	Northern Lakes and Forests
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Ecoregion	TRW_ECO_51	percent (out of cells with data)	North Central Hardwood Forest
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Ecoregion	TRW_ECO_52	percent (out of cells with data)	Driftless Area
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Ecoregion	TRW_ECO_53	percent (out of cells with data)	Southeastern Wisconsin Till Plains
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Ecoregion	TRW_ECO_54	percent (out of cells with data)	Central Corn Belt
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Ecoregion	TRW_ECO_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Adjusted Soil Permeability	TRW_APERM01	inches/hour*100	Mean soil permeability adjusted to account for impermeability of urban areas based on 2001 land cover
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Adjusted Soil Permeability	TRW_APERM06	inches/hour*100	Mean soil permeability adjusted to account for impermeability of urban areas based on 2006 land cover
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Adjusted Soil Permeability	TRW_APERM92	inches/hour*100	Mean soil permeability adjusted to account for impermeability of urban areas based on 1992 land cover
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Area	TRW_AREA	square kilometers	total area, calculated from pixels, of traced riparian area
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Bedrock Depth	TRW_BD_205	percent (out of cells with data)	Bedrock depths greater than 400 feet
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Bedrock Depth	TRW_BD_206	percent (out of cells with data)	Bedrock depths from 600 to 800 feet
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Bedrock Depth	TRW_BD_207	percent (out of cells with data)	Bedrock depths from 800 to 1000 feet
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Bedrock Depth	TRW_BD_208	percent (out of cells with data)	Bedrock depths from 1000 to 1200 feet
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Bedrock Depth	TRW_BD_209	percent (out of cells with data)	Bedrock depths from 1200 to 1400 feet
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Bedrock Depth	TRW_BD_210	percent (out of cells with data)	Bedrock depths from 1400 to 1600 feet
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Bedrock Depth	TRW_BD_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Bedrock Geology	TRW_BR_1	percent (out of cells with data)	Sandstone
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Bedrock Geology	TRW_BR_2	percent (out of cells with data)	Shale
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Bedrock Geology	TRW_BR_3	percent (out of cells with data)	Carbonate
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Bedrock Geology	TRW_BR_41	percent (out of cells with data)	Metamorphic
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Bedrock Geology	TRW_BR_42	percent (out of cells with data)	Igneous
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Bedrock Geology	TRW_BR_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Curve Number	TRW_CN01	Unitless	Curve number (runoff potential), year 2001
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Curve Number	TRW_CN06	Unitless	Curve number (runoff potential), year 2006
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Curve Number	TRW_CN92	Unitless	Curve number (runoff potential), year 1992
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Groundwater Potential	TRW_DARC	m/day -1	Mean Darcy value
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Artificial Drainage	TRW_DRAIN01	percent (out of cells with data)	Artificial drainage (e.g., tile drainage), year 2001
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Artificial Drainage	TRW_DRAIN06	percent (out of cells with data)	Artificial drainage (e.g., tile drainage), year 2006
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Artificial Drainage	TRW_DRAIN92	percent (out of cells with data)	Artificial drainage (e.g., tile drainage), year 1992

TABLE_NAME	LEVEL	THEME	FIELD_NAME	UNITS	DESCRIPTION
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Latitude	TRW_LAT	decimal degrees	latitude of centroid of watershed
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2001	TRW_LU01_11	percent (out of cells with data)	Urban, commercial/industrial(2001 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2001	TRW_LU01_12	percent (out of cells with data)	Urban, residential(2001 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2001	TRW_LU01_13	percent (out of cells with data)	Urban, other(2001 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2001	TRW_LU01_21	percent (out of cells with data)	Agriculture, non-row crop(2001 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2001	TRW_LU01_22	percent (out of cells with data)	Agriculture, row crop(2001 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2001	TRW_LU01_30	percent (out of cells with data)	Open / non-forest(2001 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2001	TRW_LU01_41	percent (out of cells with data)	Forest, Deciduous(2001 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2001	TRW_LU01_42	percent (out of cells with data)	Forest, Coniferous(2001 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2001	TRW_LU01_43	percent (out of cells with data)	Forest, mixed(2001 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2001	TRW_LU01_50	percent (out of cells with data)	Open water(2001 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2001	TRW_LU01_613	percent (out of cells with data)	Wetland, wooded, mixed lowland forest(2001 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2001	TRW_LU01_62	percent (out of cells with data)	Wetland, non-wooded(2001 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2001	TRW_LU01_70	percent (out of cells with data)	Barren(2001 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2001	TRW_LU01_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2006	TRW_LU06_11	percent (out of cells with data)	11 Open Water
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2006	TRW_LU06_21	percent (out of cells with data)	21 Developed, Open Space
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2006	TRW_LU06_22	percent (out of cells with data)	22 Developed, Low Intensity
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2006	TRW_LU06_23	percent (out of cells with data)	23 Developed, Medium Intensity
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2006	TRW_LU06_24	percent (out of cells with data)	24 Developed High Intensity
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2006	TRW_LU06_31	percent (out of cells with data)	31 Barren Land (Rock/Sand/Clay)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2006	TRW_LU06_41	percent (out of cells with data)	41 Deciduous Forest
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2006	TRW_LU06_42	percent (out of cells with data)	42 Evergreen Forest
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2006	TRW_LU06_43	percent (out of cells with data)	43 Mixed Forest
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2006	TRW_LU06_52	percent (out of cells with data)	52 Shrub/Scrub
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2006	TRW_LU06_71	percent (out of cells with data)	71 Grassland/Herbaceous
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2006	TRW_LU06_81	percent (out of cells with data)	81 Pasture/Hay
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2006	TRW_LU06_82	percent (out of cells with data)	82 Cultivated Crops
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2006	TRW_LU06_90	percent (out of cells with data)	90 Woody Wetlands
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2006	TRW_LU06_95	percent (out of cells with data)	95 Emergent Herbaceous Wetlands
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 2006	TRW_LU06_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 1992	TRW_LU92_11	percent (out of cells with data)	Urban, commercial/industrial(1992 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 1992	TRW_LU92_12	percent (out of cells with data)	Urban, residential(1992 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 1992	TRW_LU92_13	percent (out of cells with data)	Urban, other(1992 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 1992	TRW_LU92_14	percent (out of cells with data)	Urban, transportation and parking lots(1992 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 1992	TRW_LU92_21	percent (out of cells with data)	Agriculture, non-row crop(1992 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 1992	TRW_LU92_22	percent (out of cells with data)	Agriculture, row crop(1992 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 1992	TRW_LU92_41	percent (out of cells with data)	Forest, Deciduous(1992 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 1992	TRW_LU92_42	percent (out of cells with data)	Forest, Coniferous(1992 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 1992	TRW_LU92_43	percent (out of cells with data)	Forest, mixed(1992 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 1992	TRW_LU92_50	percent (out of cells with data)	Open water(1992 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 1992	TRW_LU92_610	percent (out of cells with data)	Wetland, wooded, shrubland(1992 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 1992	TRW_LU92_611	percent (out of cells with data)	Wetland, wooded, lowland deciduous forest(1992 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 1992	TRW_LU92_612	percent (out of cells with data)	Wetland, wooded, lowland coniferous forest(1992 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 1992	TRW_LU92_613	percent (out of cells with data)	Wetland, wooded, mixed lowland forest(1992 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 1992	TRW_LU92_62	percent (out of cells with data)	Wetland, non-wooded(1992 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 1992	TRW_LU92_70	percent (out of cells with data)	Barren(1992 NLCD)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Land Cover 1992	TRW_LU92_MISSING	percent	Percent of total area with no data

[illegible]

TABLE_NAME	LEVEL	THEME	FIELD_NAME	UNITS	DESCRIPTION
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_12	percent (out of cells with data)	Alluvium (G0)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_13	percent (out of cells with data)	Stagnation moraine (coarse) (I3)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_14	percent (out of cells with data)	Attenuated drift (coarse) (J3)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_15	percent (out of cells with data)	Water (W0)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_16	percent (out of cells with data)	No landform (medium) (Z2)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_17	percent (out of cells with data)	No landform (coarse) (Z3)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_18	percent (out of cells with data)	No landform (peat and muck) (Z4)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_2	percent (out of cells with data)	Ice-contact (coarse) (B3)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_20	percent (out of cells with data)	Stagnation moraine (medium) (I2)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_21	percent (out of cells with data)	No landform (no texture) (Z0)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_22	percent (out of cells with data)	Attenuated drift (Medium) (J2)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_24	percent (out of cells with data)	Loess (fine) (H1)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_29	percent (out of cells with data)	Dune (coarse) (K3)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_3	percent (out of cells with data)	End-moraine (fine) (C1)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_4	percent (out of cells with data)	End-moraine (medium) (C2)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_5	percent (out of cells with data)	End-moraine (coarse) (C3)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_6	percent (out of cells with data)	Ground-moraine (fine) (D1)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_7	percent (out of cells with data)	Ground-moraine (medium) (D2)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_8	percent (out of cells with data)	Ground-moraine (coarse) (D3)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_9	percent (out of cells with data)	Lacustrine clay and silt (fine) (E1)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_99	percent (out of cells with data)	No surficial material (bedrock derived soil) (Y0)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Surficial Geology	TRW_QG_MISSING	percent	Percent of total area with no data
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Sinks	TRW_SINK1	percent (out of cells with data)	Percent of total area in sinks (internally draining topographic depressions), 1-meter threshold
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Sinks	TRW_SINKS	percent (out of cells with data)	Percent of total area in sinks (internally draining topographic depressions), 5-meter threshold
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Slope	TRW_SLOPE	degrees	Mean slope
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Climate	TRW_TEMP_ANN	deg C	Average annual air temperature (1961-2000)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Climate	TRW_TEMP_GS	deg C	Average growing season (Apr-Oct) air temperature (1961-2000)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Climate	TRW_TEMP_JULY	deg C	Average July air temperature (1961-2000)
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL00	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL01	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL02	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL03	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL04	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL05	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL06	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL07	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL08	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL09	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL10	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL11	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL12	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL79	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL80	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL81	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL82	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL83	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL84	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL85	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL86	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL87	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL88	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL89	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL90	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL91	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL92	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	Bedrock Depth	TRW_BD_204	percent (out of cells with data)	Bedrock depths from 200 to 400
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL93	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL94	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL95	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL96	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL97	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL98	thousands of gallons	Estimated annual water withdrawal
WD_HYDRO_VA_WATERSHED_TR_REF	Watershed Trace	High Capacity Wells	TRW_WELL99	thousands of gallons	Estimated annual water withdrawal