

Vegetation hydrologic cover (VHC) look-up table.

STGPAT <sup>1</sup>	VHC <sup>2</sup>
MIXED_AGRICUST_FRWDSTES	VL
MIXED_AGRICUST_FRWDSTLM	L
MIXED_AGRICUST_FRWDSTMS	L
MIXED_AGRICUST_HERBLDST	VL
MIXED_AGRICUST_SHBSTLOW	VL
MIXED_AGRICUST_SHBSTMID	VL
MIXED_AGRICUST_URBANST	VL
MIXED_AGRICUST_WATERST	VL
MIXED_FRWDSTES_FRWDSTLM	M
MIXED_FRWDSTES_FRWDSTLS	M
MIXED_FRWDSTES_FRWDSTMS	M
MIXED_FRWDSTES_HERBLDST	M
MIXED_FRWDSTES_ROCKST	M
MIXED_FRWDSTES_SHBSTLOW	L
MIXED_FRWDSTES_SHBSTMID	L
MIXED_FRWDSTES_WATERST	M
MIXED_FRWDSTLM_FRWDSTLS	H
MIXED_FRWDSTLM_FRWDSTMS	H
MIXED_FRWDSTLM_HERBLDST	H
MIXED_FRWDSTLM_SHBSTLOW	M
MIXED_FRWDSTLM_SHBSTMID	M
MIXED_FRWDSTLM_SHBTTAL	H
MIXED_FRWDSTLM_WATERST	H
MIXED_FRWDSTLS_FRWDSTMS	H
MIXED_FRWDSTLS_HERBLDST	H
MIXED_FRWDSTLS_SHBSTLOW	M
MIXED_FRWDSTLS_SHBSTMID	M
MIXED_FRWDSTLS_WATERST	H
MIXED_FRWDSTMS_HERBLDST	H
MIXED_FRWDSTMS_ROCKST	H
MIXED_FRWDSTMS_SHBSTLOW	M
MIXED_FRWDSTMS_SHBSTMID	M
MIXED_FRWDSTMS_URBANST	VL
MIXED_FRWDSTMS_WATERST	H
MIXED_HERBLDST_ROCKST	M
MIXED_HERBLDST_SHBSTLOW	L
MIXED_HERBLDST_SHBSTMID	L
MIXED_ROCKST_SHBSTLOW	L
MIXED_ROCKST_SHBSTMID	L
MIXED_SHBSTLOW_SHBSTMID	L
MIXED_SHBSTLOW_URBANST	VL
MIXED_SHBSTLOW_WATERST	L

MOSAIC_AGRICUST_HERBLDST	VL
MOSAIC_FRWDSTES_AGRICUST	L
MOSAIC_FRWDSTES_FRWDSTLM	M
MOSAIC_FRWDSTES_FRWDSTLS	M
MOSAIC_FRWDSTES_FRWDSTMS	M
MOSAIC_FRWDSTES_HERBLDST	M
MOSAIC_FRWDSTES_SHBSTALL	L
MOSAIC_FRWDSTES_SHBSTMID	L
MOSAIC_FRWDSTLM_FRWDSTES	H
MOSAIC_FRWDSTLM_FRWDSTLS	VH
MOSAIC_FRWDSTLM_FRWDSTMS	VH
MOSAIC_FRWDSTLM_HERBLDST	H
MOSAIC_FRWDSTLM_SHBSTMID	M
MOSAIC_FRWDSTLM_WATERST	VH
MOSAIC_FRWDSTLS_FRWDSTES	H
MOSAIC_FRWDSTLS_FRWDSTLM	H
MOSAIC_FRWDSTLS_FRWDSTMS	H
MOSAIC_FRWDSTLS_HERBLDST	H
MOSAIC_FRWDSTLS_SHBSTMID	M
MOSAIC_FRWDSTMS_AGRICUST	L
MOSAIC_FRWDSTMS_FRWDSTES	H
MOSAIC_FRWDSTMS_FRWDSTLM	H
MOSAIC_FRWDSTMS_FRWDSTLS	H
MOSAIC_FRWDSTMS_HERBLDST	H
MOSAIC_FRWDSTMS_ROCKST	H
MOSAIC_FRWDSTMS_SHBSTALL	M
MOSAIC_FRWDSTMS_SHBSTMID	M
MOSAIC_FRWDSTMS_SHBTTAL	H
MOSAIC_FRWDSTMS_URBANST	VL
MOSAIC_FRWDSTMS_WATERST	VH
MOSAIC_HERBLDST_AGRICUST	VL
MOSAIC_HERBLDST_FRWDSTES	M
MOSAIC_HERBLDST_FRWDSTLM	M
MOSAIC_HERBLDST_FRWDSTLS	M
MOSAIC_HERBLDST_FRWDSTMS	M
MOSAIC_HERBLDST_SHBSTALL	L
MOSAIC_HERBLDST_SHBSTMID	L
MOSAIC_HERBLDST_SHBTTAL	M
MOSAIC_HERBLDST_URBANST	VL
MOSAIC_ROCKST_FRWDSTES	M
MOSAIC_ROCKST_FRWDSTMS	H
MOSAIC_SHBSTALL_AGRICUST	VL
MOSAIC_SHBSTALL_FRWDSTES	L
MOSAIC_SHBSTALL_FRWDSTLM	M

MOSAIC_SHBSTLOW_FRWDSTLS	M
MOSAIC_SHBSTLOW_FRWDSTMS	M
MOSAIC_SHBSTLOW_HERBLDST	L
MOSAIC_SHBSTLOW_SHBSTMID	L
MOSAIC_SHBSTLOW_WATERST	L
MOSAIC_SHBSTMID_AGRICUST	VL
MOSAIC_SHBSTMID_FRWDSTES	L
MOSAIC_SHBSTMID_FRWDSTLS	M
MOSAIC_SHBSTMID_FRWDSTMS	M
MOSAIC_SHBSTMID_HERBLDST	L
MOSAIC_SHBSTMID_SHBSTLOW	L
MOSAIC_URBANST_FRWDSTMS	VL
MOSAIC_WATERST_SHBSTLOW	L
UNIFORM_AGRICUST	VL
UNIFORM_FRWDSTES	M
UNIFORM_FRWDSTLM	VH
UNIFORM_FRWDSTLS	H
UNIFORM_FRWDSTMS	H
UNIFORM_HERBLDST	M
UNIFORM_SHBSTLOW	L
UNIFORM_SHBSTMID	L
UNIFORM_WATERST	M
MIXED_FRWDSTLM_ROCKST	H
MIXED_HERBLDST_SHBTTAL	M
MIXED_HERBLDST_WATERST	M
MIXED_ROCKST_WATERST	M
MIXED_SHBSTMID_WATERST	L
MOSAIC_HERBLDST_ROCKST	M
MOSAIC_HERBLDST_WATERST	M
MOSAIC_ROCKST_FRWDSTLS	H
MOSAIC_SHBSTMID_FRWDSTLM	M
MOSAIC_SHBSTMID_WATERST	L

<sup>1</sup>STGPAT = Structure Group Pattern

<sup>2</sup>VHC = Vegetation Hydrologic Cover is the average vegetation and litter/duff cover that protects the soil from erosion. The assigned ratings are a relative ranking rather than having an absolute value; where VH = Very High, H=High, M=Moderate, L=Low, and VL = Very Low. The relative rankings were assigned based on qualitative correlation of the structural group patterns with the results of a quantitative analysis of plot sample soil surface cover from a wide variety of ecodata samples in the Interior Columbia Basin (Hann and others 1997).

#### Dominant Structure Groups\*

AGRICUST	Includes irrigated and non-irrigated cropland, hayland, and plowed/seeded pasture.
FRWDSTES	Includes stand initiation structural stages; closed and open early-seral herb structures; and low, mid, and tall open and closed shrub early-seral structures in forests and woodlands.

FRWDSTLM	Forest/woodland late-seral multi-layered structures.
FRWDSTLS	Forest/woodland late-seral single-layered structures.
FRWDSTMS	Forest/woodland mid-seral structures - includes open and closed stem exclusion, understory reinitiation, and young, multi-story structures.
HERBLDST	Herbland structures - includes both native and exotic grass-, forb-, and sedge-dominated open and closed structures.
ROCKST	Rock and barren structures - generally only includes contiguous areas of rock or barren that dominates a 1-km <sup>2</sup> area.
SHBSTLOW	Low shrub structures - includes both open and closed low shrub structures (<=2.5 feet in height).
SHBSTMID	Mid shrub structures - includes both open and closed tall shrub structures (2.5 to 6.5 feet in height).
SHBTTAL	Tall shrub structures - includes both open and closed tall shrub structures (>6.5 feet in height).
URBANST	Urban housing and industrial structures - generally only includes contiguous areas that dominate a 1-km <sup>2</sup> area.
WATERST	water - generally only includes contiguous areas of water that dominate.

\*Structure groups are aggregates of structural stages and cover types that have similar general structural characteristics. The dominant structure group for each 6th field HUC was determined by the structure group size. An important aspect of structure groups is that their characteristics are often associated with similar disturbance regimes, irrespective of environment. Structure groups are used to define the 6th field HUC vegetative patterns and are correlated with various succession and disturbance regimes.

The primary and secondary dominant structure groups were determined for each HUC. A pattern (UNIFORM, MOSAIC, MIXED) was assigned to each HUC depending on the percentage of the HUC containing the primary structure group for the HUC.

UNIFORM: primary structure group comprises a minimum of 80% of the HUC.

MOSAIC: primary structure group comprises 60-80% of the HUC, with the primary structure group listed first and the secondary structure group listed second.

MIXED: primary structure group comprises 60% or less of the HUC, with the primary structure group listed first and the secondary structure group listed second.

Examples:      MOSAIC\_FRWDSTMS\_FRWDSTES  
                  UNIFORM\_FRWDSTES