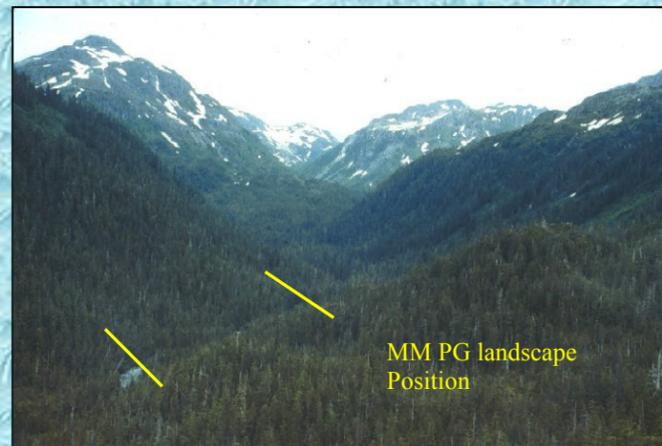
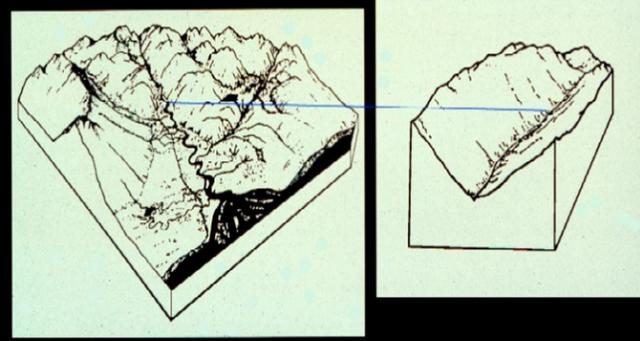


MOD GRADIENT/ MIXED CONTROL



Moderate Gradient Mixed Control Process Group

These channel types are moderate gradient (2-6%) streams where sediment deposition processes are limited. Channel banks are frequently composed of boulder or bedrock materials that limit later channel migration and flood plain development along many segments of these channel types. High flows are mostly contained within the active stream channel. Riparian areas seldom extend beyond 30.5 meters (100 ft) from stream banks

Stream Gradient – 2 to 6 %
Hydrologic Function: sediment transport-transitional
Stream Class: I or II

Channel Type	Label	Former label
Micro Moderate Gradient Mixed Control	MMO	MM0
Small Moderate Gradient Mixed Control	MMS	MM1
Medium Moderate Gradient Mixed Control	MMM	MM2
Large Moderate Gradient Mixed Control	MML	—

TNF Habitat Variables for the MM Process Group

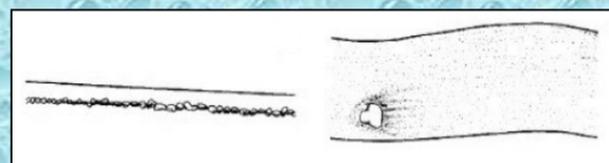
Variable	Percentiles	MM Process Group	Variable	Percentiles	MM Process Group
WD	25	10.4	RPD/CBW	25	0.06
	50	15.3		50	0.08
	75	22.4		75	0.10
TLWD/M	25	0.27	D50	25	27
	50	0.38		50	35
	75	0.50		75	56
TKWD/M	25	0.05	PLNGTH/M	25	0.28
	50	0.12		50	0.42
	75	0.14		75	0.47
POOLS/KM	25	40	REL_SUBMRG	25	5.0
	50	60		50	7.6
	75	70		75	13.6
POOL SPACE	25	2.8	POOL_SIZE	25	0.83
	50	4.0		50	1.16
	75	5.8		75	1.78

Management Concern for:	MMS	MMM	MML
Large wood	Moderate	High	High
Sediment retention	Moderate	Moderate	Moderate
Stream bank stability	Moderate	High	High
Sideslope sensitivity	Low	Low	Low
Flood Plain protection	Moderate	Moderate	Moderate
Culvert fish passage	High	High	High

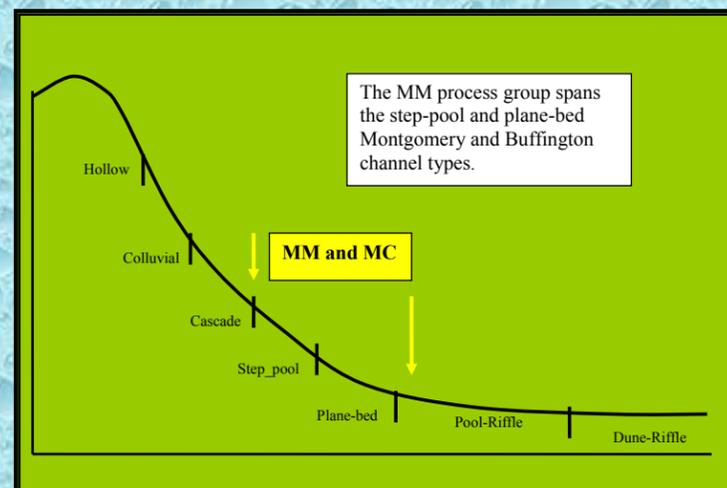
Montgomery and Buffington channels found in the MM Process Group. Longitudinal and planform schematics.



Step Pool schematics



Plane Bed schematics



MMS channel type.

