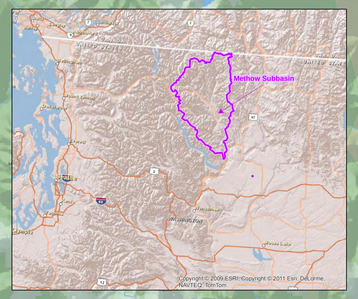
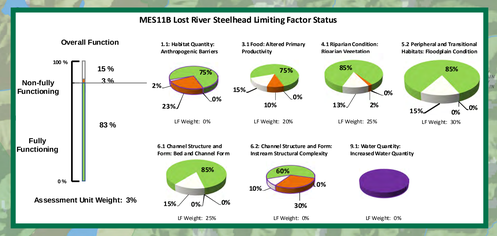
RECLAMATION

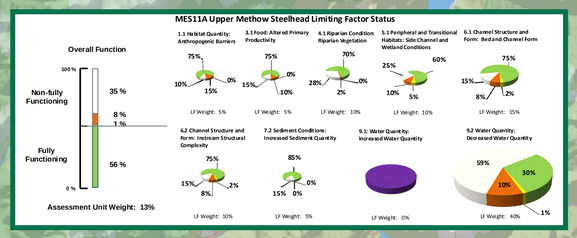
Managing Water in the West

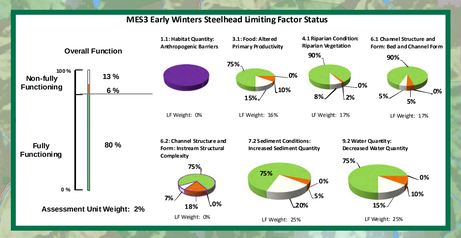
Final 2012 FCRPS Biological Opinion Habitat Conditions Represented Using Standardized NOAA Limiting Factors
Methow Subbasin, Washington

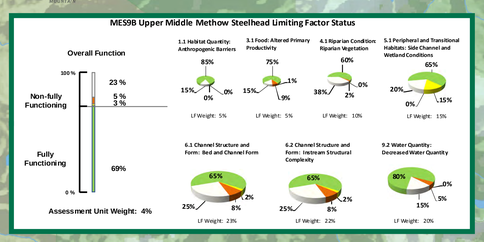
Population Assessment Units and Limiting Factors
Upper Columbia Steelhead
Map # 170200-UC-02S

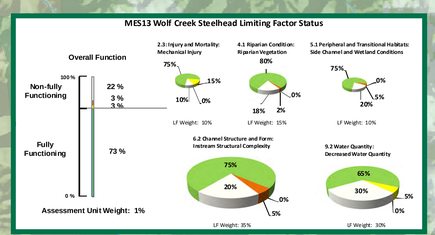


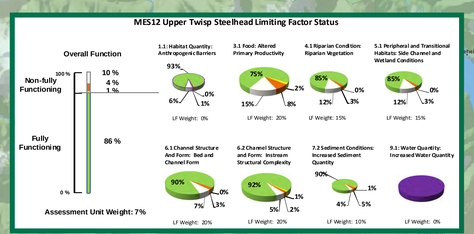


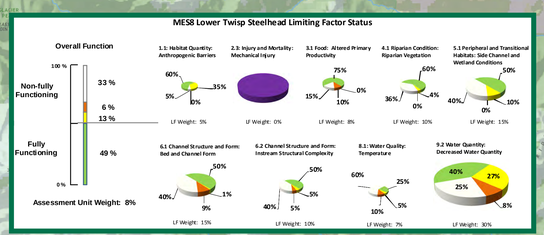


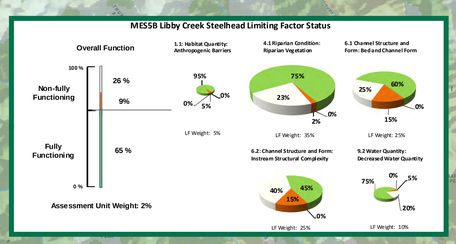


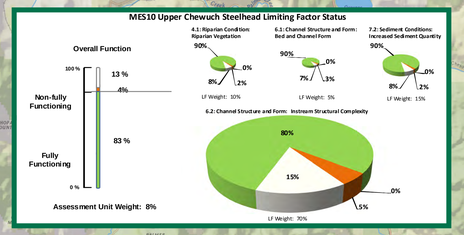


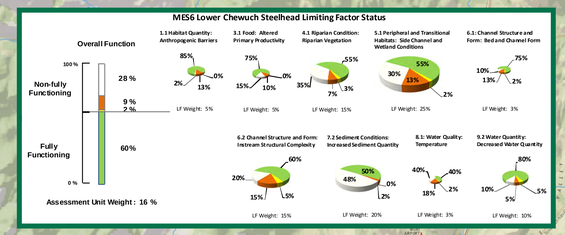


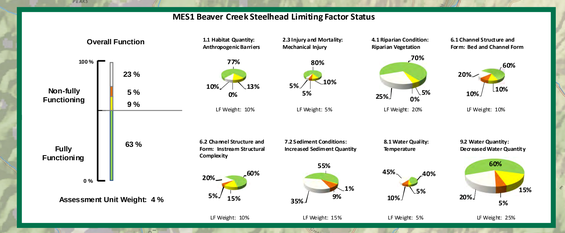


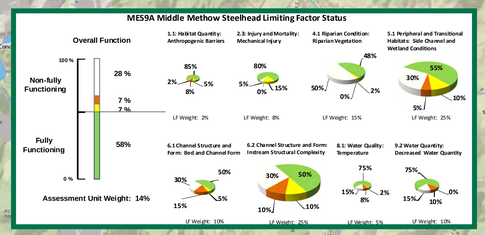


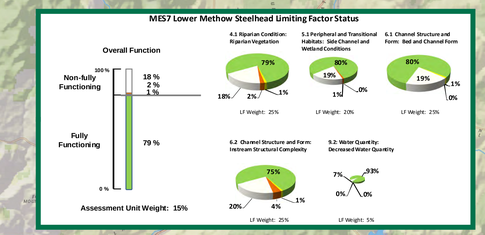


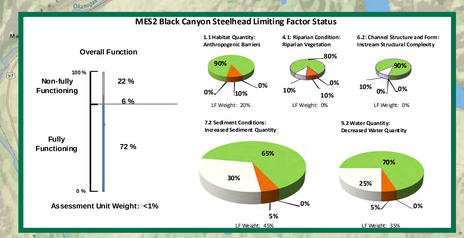












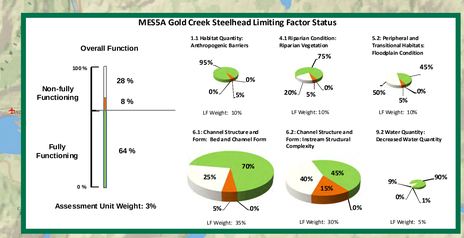


Chart Legend

- Initial Condition, 2012
- Estimated Improvements for 2012-18 Actions
- Remaining Improvement Potential, 2012-18
- Improvement Potential after 2018
- Undefined/Pending Definition

N W E S 0 1.1 2.2 3.3 4.4 5.5 11 Miles

Bars and Pie Charts:
Pies and bars were generated from estimates of the habitat condition of key limiting factors associated with habitat actions completed from 2007 to 2011 evaluated by the 2006, 2009, and 2012 expert panels for 2012 to 2018 actions evaluated by the 2012 expert panels. The pies and bars only represent conditions for the term of the FCRPS BiOp (2007-2018); do not include conditions associated with habitat actions completed without FCRPS BiOp Action Agency involvement within this time period, and, therefore, may not represent the status of these key limiting factors for other than FCRPS BiOp purposes.

Details:
Pies illustrate the status of each key limiting factor within each population assessment unit. Pie slices and values indicate the relative proportion of the functioning (green) and non-fully-functioning (yellow/rust/white) condition of each limiting factor. Green represents current conditions as of 2012 and includes actions completed from 2007-11 and evaluated by the expert panels in 2009 and 2012. Yellow represents the improvement for actions for 2012-18 evaluated by the expert panels in 2012. Rust represents the remaining potential to improve the limiting factor by 2018 that was identified by the 2007, 2009 and/or 2012 expert panels. White represents improvement potential beyond the 2018 FCRPS BiOp expiration date. Pie size is proportional to relative importance of the limiting factor within the assessment unit. Limiting Factor (LF) Weight is denoted below each pie. Zero values (purple) indicate a limiting factor was identified for FCRPS BiOp purposes, but habitat condition values have not yet been assigned.

Stacked bars and values of Overall Function (%) represent differences between functioning (green) and non-fully-functioning (yellow /rust/white) key limiting factors aggregated for each assessment unit. Width of each bar is relative to the Intrinsic Potential of each Assessment Unit within the population as defined for Recovery Plans by the Interior Columbia Basin Technical Recovery Team and adjusted by each Expert Panel based on best "current condition" information where applicable. The Intrinsic Potential weighting factor (Assessment Unit Weight) is denoted below each bar.

Sources:
Baseline data provided by National Oceanic and Atmospheric Administration (NOAA).

Map prepared 05/30/2013