

Map Set Appendices Legend

Each map set contains 14 panels that represent the 6 LMR reaches, except that MS-2 and MS-11 do not have complete coverage for all 14 panels.

- MS-1. USGS quadrangle maps of the LMR showing major landmark names and locations.
- MS-2. Geomorphic surfaces in certain LMR areas. Data not available for some areas. (From Holbrook et al. 2005, 2006, Kashouh 2012).
- MS-3. Alignment dynamics of the Missouri River channel from 1804 to the present. Some panels do not have data on certain historical periods.
- MS-4. USDA STATSGO soil types consolidated by major sediment sizes.
- MS-5. Soil water retention capacity of LMR areas. (From LCPI prepared by Jacobson et al. 2007, Chojnacki et al. 2012). Descriptions of soil drainage classes are from Soils Survey Staff 1993.
- MS-6. LiDAR elevation maps for LMR reaches.
- MS-7. Missouri River flow-recurrence interval maps for LMR reaches. (Flow frequency data prepared by the USACE (2004b) and presented in LCPI maps in Jacobson et al. 2007, Chojnacki et al. 2012).
- MS-8. Land cover in the LMR in 1879. Prepared from Missouri River Commission maps prepared in 1879 (MRC 1879).
- MS-9. Land cover in the LMR in 1894. Prepared from Missouri River Commission maps prepared in 1894 (MRC 1895).
- MS-10. Potential historical vegetation community distribution and witness tree data in Missouri and vegetation community distribution in Iowa using GLO survey note data.
- MS-11. Potential historical vegetation community distribution in Missouri. No data available for other states. (Prepared by T. Nigh and F. Nelson using ESD methodology – see T. Nigh Appendix B *in* Heitmeyer et al. 2011 and Heitmeyer and Nelson 2014).
- MS-12. Location of major levees, dikes, river structures, and conservation lands in LMR reaches.
- MS-13. National Agricultural Inventory Program aerial photographs taken during July-August in 2013 for LMR reaches, showing extent and type of floodplain land uses and types.
- MS-14. Potential natural vegetation (PNV) distribution in LMR reaches based on HGM attribute matrix information (see Table 3) and contemporary floodplain geomorphology, soils, elevation, and flood frequency information.