

SW MISSOURI - EPA
MAPPING CONVENTIONS
JEFFERSON CITY SW
LAWRENCE SE
JOPLIN NE

1. Only the Missouri portion of the project area will be mapped.
2. In general, forested floodplains will be classified as temporarily flooded (A). Old meander scars and fringes of oxbows will be classified seasonal (C) to semi-permanent (F).
3. Lower perennial rivers will be classified as follows:
R2UBG's will be distinguished from R2UBH's through the use of water resources data. Generally, second order rivers will be classified as intermittently exposed (G) and third order rivers will be classified as permanent (H). Intermittently exposed rivers are described as "no flow in some years", while permanent rivers flow in all years. Linear-sized vs. polygon-sized will not be an overriding factor. Upper perennials will be classified as R3UBH or G (using above criteria) if there is little floodplain development and a gradient of 10' or greater each 1.5 miles. Sand bars will be classified as R2USA or C and R3USA or C. Intermittent streams will be classified as R4SBC. Larger intermittent streams may be classified as semi-permanent (F). The perennial/intermittent break will generally be determined by topo information.
4. Non-tilled pastures in floodplain areas will be mapped as PEMA. Generally, Carex sp. was found in these areas along with pasture grasses.
5. The farmed (f) modifier will not be used.
6. The impounding influence of the Truman Reservoir will extend to the 730 ft. contour. Based on collateral data, the 730 ft. contour level receives enough flooding to meet our wetland classification criteria. Although normal pool elevation is 706 ft., water levels fluctuate periodically and have reached levels up to 739.6 (flood control pool).
7. Where large road or railroad embankments cross wetland floodplains, the impounded (h) modifier should be taken into consideration. The area upstream from the embankment must have a wetter photo signature for delineation of the "h" modifier. These embankments will cause an impounding effect during periods of high water, when rivers flood their banks.

8. The impounded modifier for the Lake of the Ozarks will be approximated by the 660 ft. contour and delineated by photo signature. This will be consistent with Jefferson City SE.
9. Generally, pen width will determine the minimum mapping unit. Exception to this is where a hydrological connection needs to be made between wetlands.
10. Water bodies greater than 20 acres will be classified L1UBH, those less than 20 acres PUBG and dot or linear sized will be PUBF; all with the appropriate modifier. L2USCh will be used in areas where low lake levels reveal a non-vegetated shoreline.
11. Aquatic Bed (AB) labels will be used by photo signature or field noted. Otherwise, the unconsolidated bottom (UB) classification will be used.
12. Sewage treatment ponds and fish hatcheries will be classified as PUBKx or L1UBKx depending on size.
13. Subclass will not be used on emergent delineations.