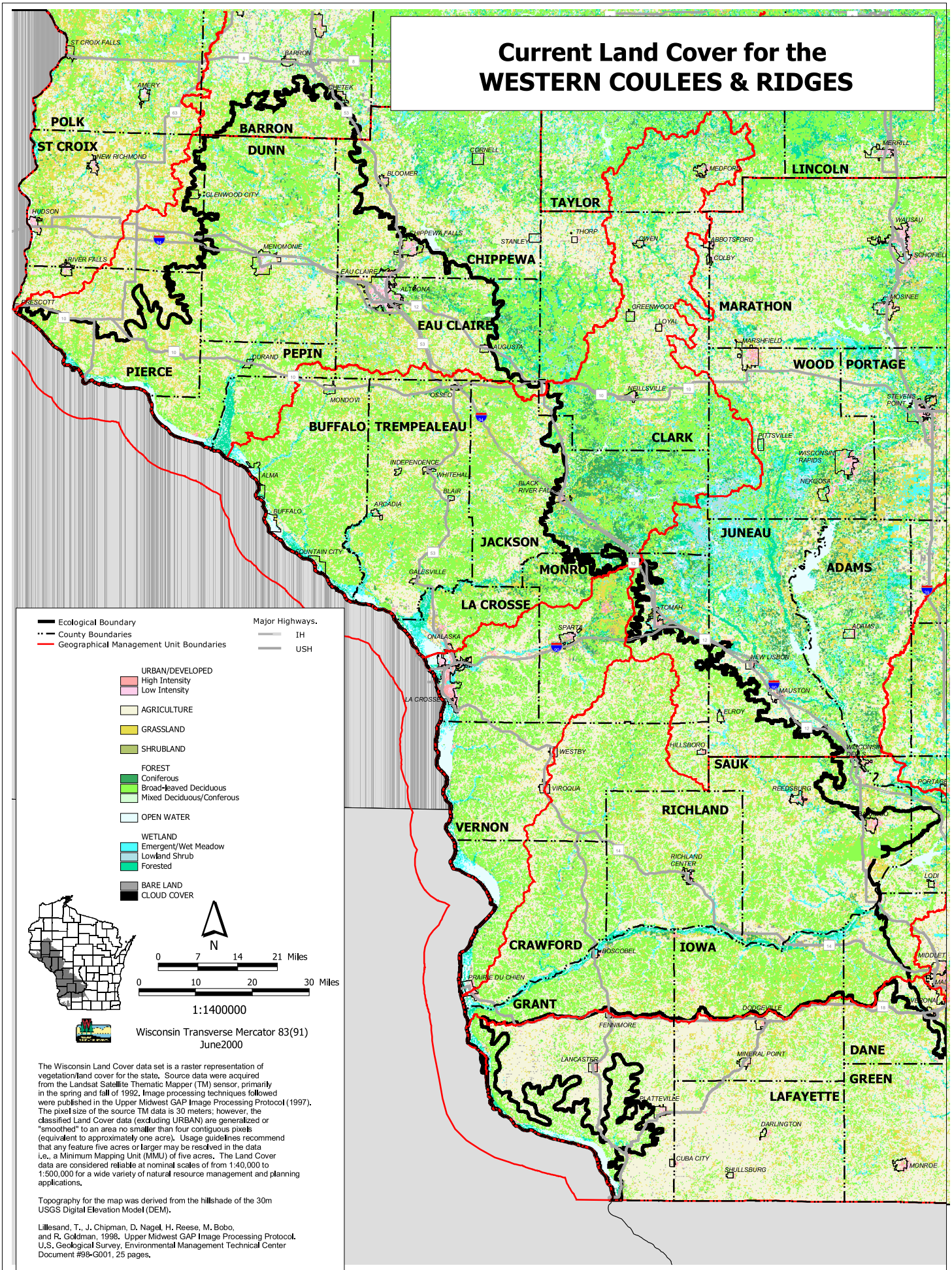
Current Land Cover for the WESTERN COULEES & RIDGES



The Wisconsin Land Cover data set is a raster representation of vegetation/land cover for the state. Source data were acquired from the Landsat Satellite Thematic Mapper (TM) sensor, primarily in the spring and fall of 1992. Image processing techniques followed were published in the Upper Midwest GAP Image Processing Protocol (1997). The pixel size of the source TM data is 30 meters; however, the classified Land Cover data (excluding URBAN) are generalized or "smoothed" to an area no smaller than four contiguous pixels (equivalent to approximately one acre). Usage guidelines recommend that any feature five acres or larger may be resolved in the data i.e., a Minimum Mapping Unit (MMU) of five acres. The Land Cover data are considered reliable at nominal scales of from 1:40,000 to 1:500,000 for a wide variety of natural resource management and planning applications.

Topography for the map was derived from the hillshade of the 30m USGS Digital Elevation Model (DEM).

Lillesand, T., J. Chipman, D. Nagel, H. Reese, M. Bobo, and R. Goldman, 1998. Upper Midwest GAP Image Processing Protocol. U.S. Geological Survey, Environmental Management Technical Center Document #98-G001, 25 pages.