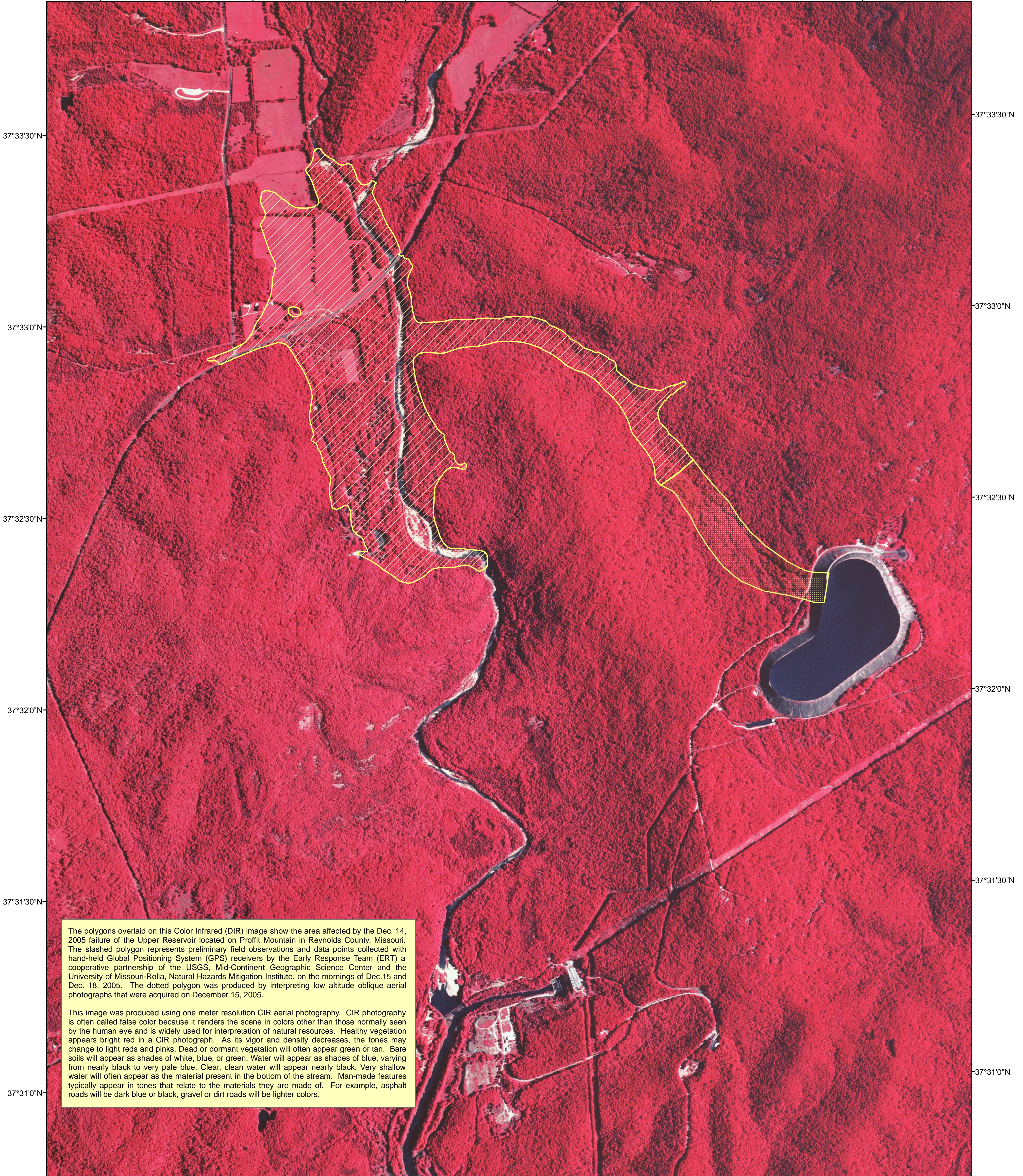


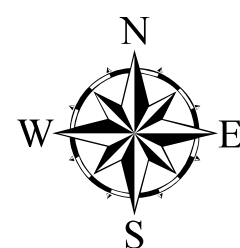
90°51'30"W 90°51'0"W 90°50'30"W 90°50'0"W 90°49'30"W 90°49'0"W



The polygons overlaid on this Color Infrared (DIR) image show the area affected by the Dec. 14, 2005 failure of the Upper Reservoir located on Proffit Mountain in Reynolds County, Missouri. The slashed polygon represents preliminary field observations and data points collected with hand-held Global Positioning System (GPS) receivers by the Early Response Team (ERT) a cooperative partnership of the USGS, Mid-Centinent Geographic Science Center and the University of Missouri-Rolla, Natural Hazards Mitigation Institute, on the mornings of Dec. 15 and Dec. 18, 2005. The dotted polygon was produced by interpreting low altitude oblique aerial photographs that were acquired on December 15, 2005.

This image was produced using one meter resolution CIR aerial photography. CIR photography is often called false color because it renders the scene in colors other than those normally seen by the human eye and is widely used for interpretation of natural resources. Healthy vegetation appears bright red in a CIR photograph. As its vigor and density decreases, the tones may change to light reds and pinks. Dead or dormant vegetation will often appear green or tan. Bare soils will appear as shades of white, blue, or green. Water will appear as shades of blue, varying from nearly black to very pale blue. Clear, clean water will appear nearly black. Very shallow water will often appear as the material present in the bottom of the stream. Man-made features typically appear in tones that relate to the materials they are made of. For example, asphalt roads will be dark blue or black, gravel or dirt roads will be lighter colors.

**Mid-Centinent
 Geographic
 Science
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0 0.125 0.25 0.5 0.75 1 Miles

This map was produced by the United States Geological Survey in partnership with the University of Missouri-Rolla through the cooperative efforts of the Mid-Centinent Geographic Science Center and the Natural Hazards Mitigation Institute.



Location map



MCWSC web address: <http://mcmweb.er.usgs.gov/mcgs>

CIR image Source Date: June 2003, Projection: Universal Transverse Mercator, Datum: NAD 1983, Zone: 15.