



Washita Battlefield National Historic Site

Cheyenne, OK

Vegetation Mapping Project

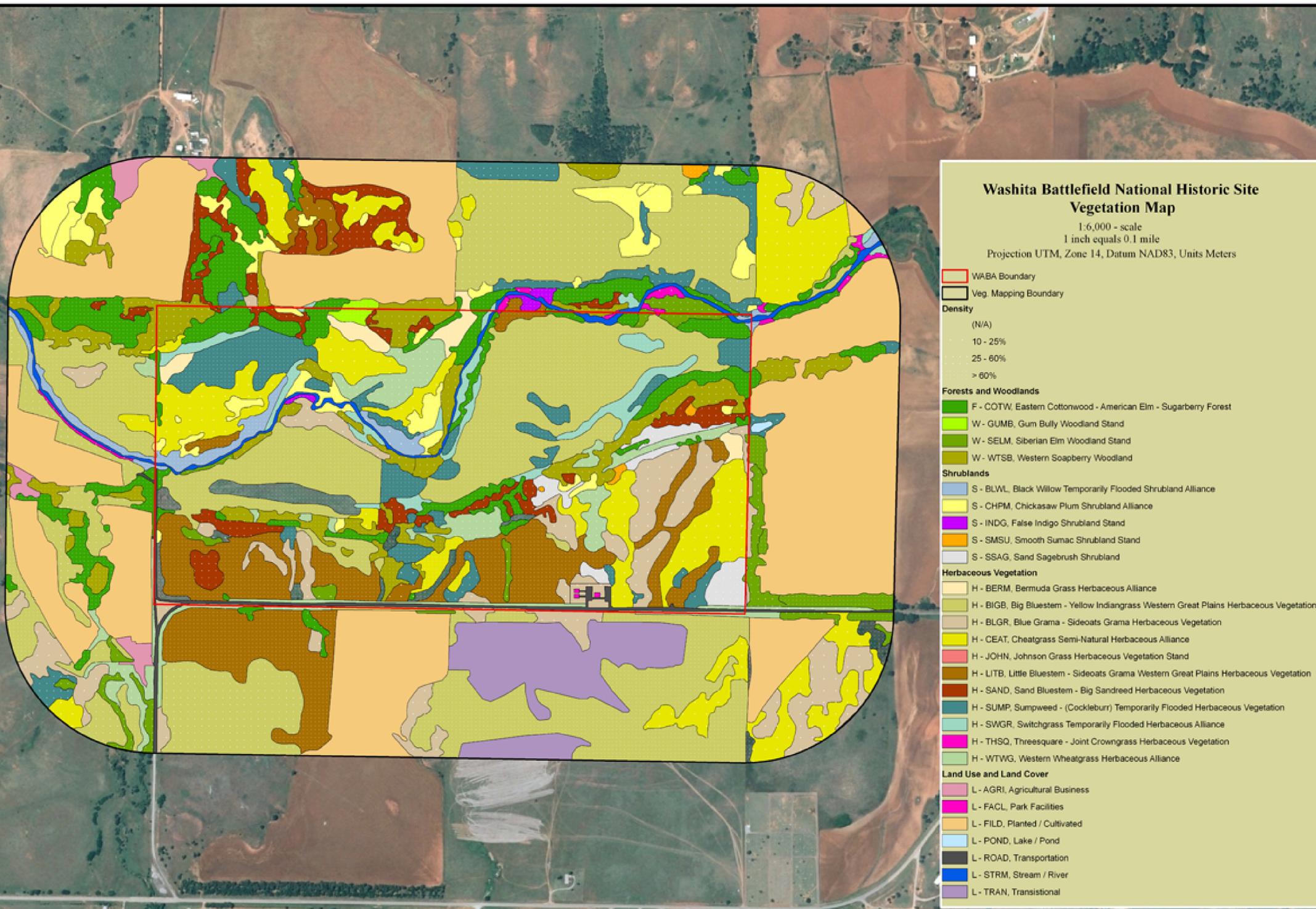
The spatial database used to create this map was prepared under contract for the National Park Service and the U.S. Geological Survey. Work was performed in conjunction with the NPS Southern Plains Network, NPS Inventory and Monitoring Program, USGS Center for Biological Informatics, Botanical Research Institute of Texas, NatureServe Midwest Region, Bureau of Reclamation's Remote Sensing and GIS Group and the staff at Washita Battlefield National Historic Site.

Vegetation and land cover (land-use) were identified through examination of 1:12,000 scale true color ortho imagery acquired in 2005. The mapped information reflects conditions that existed during the time of the photography. Field sampling and ecological analysis supported this effort. Vegetation boundaries were identified on the imagery by means of signature and collateral information. Classification was in accordance with the Federal Geographic Data Committee's National Vegetation Classification Standard.

Cogan Technology Inc. and the U.S. Bureau of Reclamation under contract with USGS and NPS generated this data. Although the data has been processed successfully on computers at CTI, BOR and USGS, no warranty, expressed or implied, is made regarding the accuracy or utility of the data on any other system or for general or scientific purposes. Any person using the information presented here should fully understand the data collection and compilation procedures, as described in the metadata, before beginning analysis. The burden for determining fitness for use lies entirely with the user.

Overall accuracy of the mapped thematic data is 88%.

The NPS Southern Plains Network



**Washita Battlefield National Historic Site
Vegetation Map**
1:6,000 - scale
1 inch equals 0.1 mile
Projection UTM, Zone 14, Datum NAD83, Units Meters

- WABA Boundary
- Veg. Mapping Boundary

Density

- (N/A)
- 10 - 25%
- 25 - 60%
- > 60%

Forests and Woodlands

- F - COTW, Eastern Cottonwood - American Elm - Sugarberry Forest
- W - GUMB, Gum Bully Woodland Stand
- W - SELM, Siberian Elm Woodland Stand
- W - WTSB, Western Soapberry Woodland

Shrublands

- S - BLWL, Black Willow Temporarily Flooded Shrubland Alliance
- S - CHPM, Chickasaw Plum Shrubland Alliance
- S - INDG, False Indigo Shrubland Stand
- S - SMSU, Smooth Sumac Shrubland Stand
- S - SSAG, Sand Sagebrush Shrubland

Herbaceous Vegetation

- H - BERM, Bermuda Grass Herbaceous Alliance
- H - BIGB, Big Bluestem - Yellow Indiangrass Western Great Plains Herbaceous Vegetation
- H - BLGR, Blue Grama - Sideoats Grama Herbaceous Vegetation
- H - CEAT, Cheatgrass Semi-Natural Herbaceous Alliance
- H - JOHN, Johnson Grass Herbaceous Vegetation Stand
- H - LITB, Little Bluestem - Sideoats Grama Western Great Plains Herbaceous Vegetation
- H - SAND, Sand Bluestem - Big Sandreed Herbaceous Vegetation
- H - SUMP, Sumpweed - (Cocklebur) Temporarily Flooded Herbaceous Vegetation
- H - SWGR, Switchgrass Temporarily Flooded Herbaceous Alliance
- H - THSQ, Threesquare - Joint Crowgrass Herbaceous Vegetation
- H - WTWG, Western Wheatgrass Herbaceous Alliance

Land Use and Land Cover

- L - AGRI, Agricultural Business
- L - FACI, Park Facilities
- L - FILD, Planted / Cultivated
- L - POND, Lake / Pond
- L - ROAD, Transportation
- L - STRM, Stream / River
- L - TRAN, Transitional