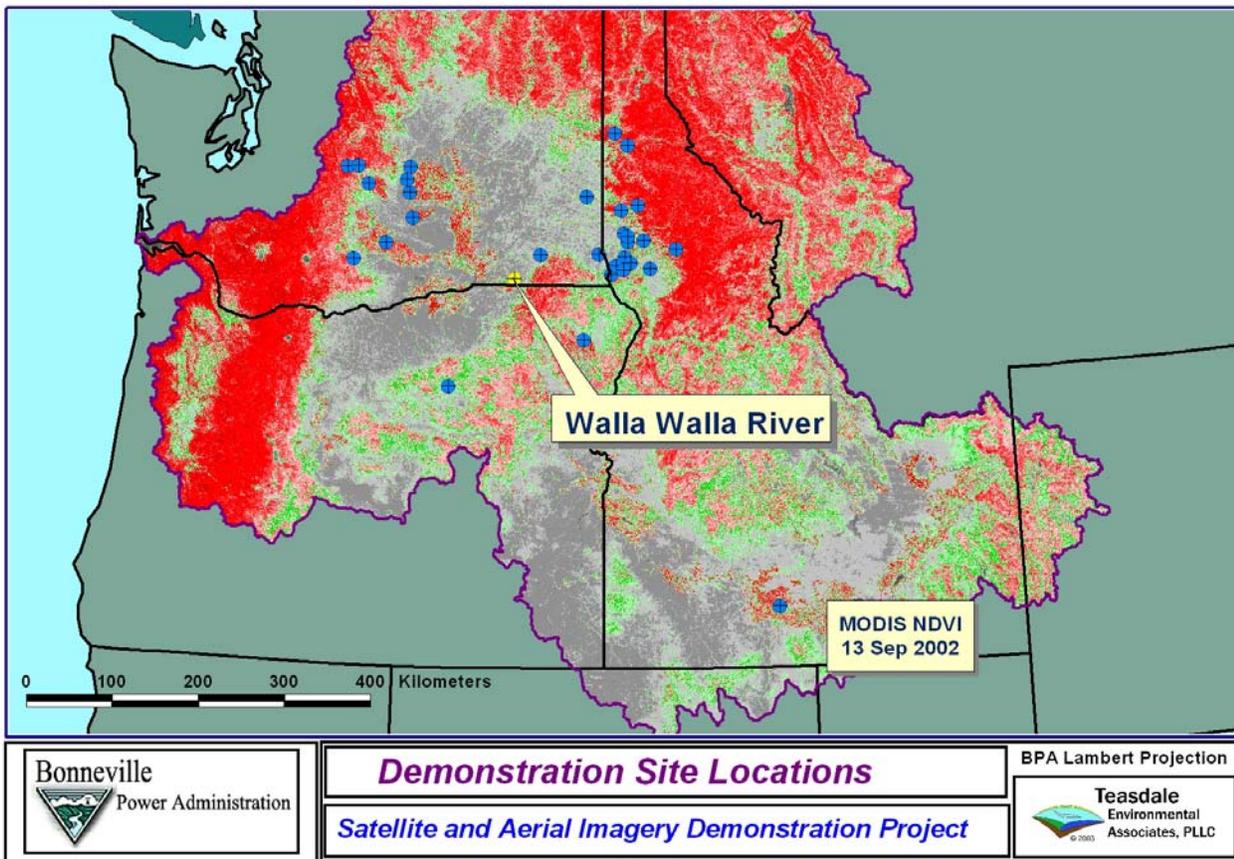


Walla Walla River Demonstration Site	
Location	Walla Walla, WA
Water body	Waha Lake
Ecological Provenance	Columbia Plateau
Subbasin Name	Walla Walla
BPA Hydrologic Unit Code ID	4237
Hydrologic Unit Code, 6th Level	170701020403
Watershed Name	Walla Walla, WA



Unique Characteristics

The Walla Walla River and its tributaries in and near the City of Walla Walla are examples of important fisheries streams that pass through urban and suburban land uses. Natural alignment of this alluvial stream has been channelized and stabilized. Fisheries enhancement and grade control structures are installed at numerous

locations. The Walla Walla River system has numerous diversions and supports a large area of irrigated agriculture.

Satellite imagery for this site includes Landsat 5, Landsat 7, and ASTER. Ancillary data includes topographic DRG's, DOQ's, watershed boundaries, and national land cover data. This dataset of topographic DRG's, satellite imagery and aerial imagery offer familiar municipal and residential settings for users to compare imagery characteristics.

Objective

The primary objective was to observe urban and residential land cover characteristics in satellite imagery and NAPP aerial photography. A secondary objective was to develop basic instructional tutorials from the imagery data.

Results

Many general urban and residential land cover features can be directly interpreted from the Landsat and ASTER imagery including limits of development, major highways, commercial districts, residential districts, airports, parks and institutional facilities. Interpretation is aided by reference to the USGS DOQ. Two GIS oriented tutorials that introduce the use of digital raster graphic topographic maps (DRG) and digital orthophoto quadrangles (DOQ) were developed with this dataset.