

RESOURCE MANAGEMENT GUIDE

Yellowwood State Forest
Tract acreage: 40 acres
Forester : L. Burgess

Compartment **6** Tract **7**
Date : 4/24/09

Location

Section 20 of Township 9N, Range 2E of Brown County. The tract is located east of Dubois Ridge Road on north aspect of Sugarcamp Hollow. The tract adjoins additional state forest acreage with private property along eastern boundary.

History

1987 timber harvest: 103,196 bf., followed by TSI and firewood cutting.
Other management and further details are noted in the tract history found in tract file.

Topography, Geology and Hydrology

Slopes of 30- 45% are common and steeper grades exist as well. This tract is located within the North Fork Salt Creek –Owl/Lick Creek watershed.

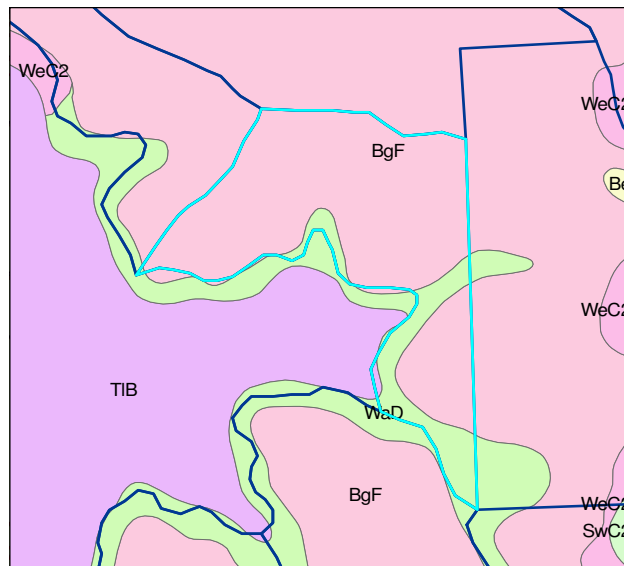
Soils

Berks-Trevlac-Wellston complex (BgF) 20 – 70 percent slope.

Severe limitations noted for logging due to slope. Comprises 90% of tract acreage.

Wellston-Berks-Trevlac silt loams (WaD) 6 – 20 percent slope.

Slight limitations for skid trails and logging areas. Comprises 10% of tract acreage.



Access

Access to the tract is approx. .5 mile east off DuBois Ridge Rd., just south of the old road bed which heads east and the firetrail to the west.

Boundary

Boundary re-marking is scheduled for 2009/2010. The state-painted boundary lines bordering private property will be honored for this tract's management activities.

Wildlife

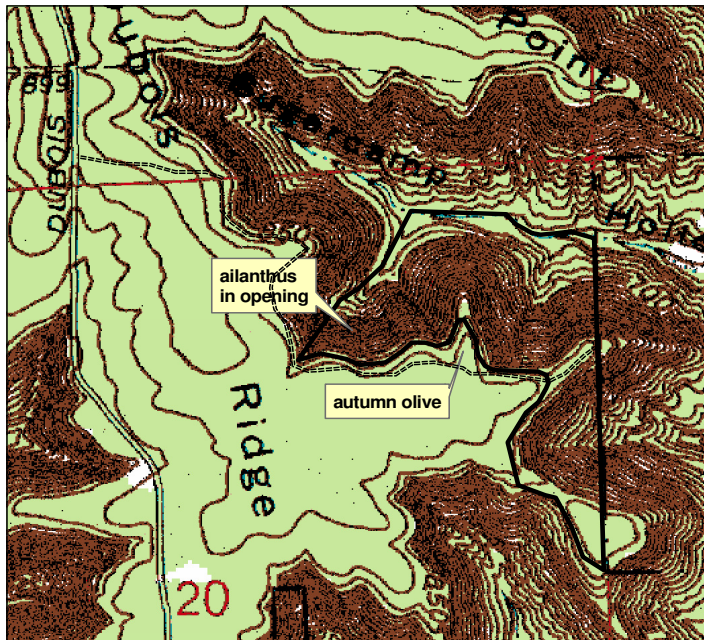
Wildlife resources in this tract are abundant. Common species which are present include: Squirrels, white tailed deer, turkey, various small furbearing animals, and a variety of songbirds. An official wildlife review was completed for the tract. This review focuses on wildlife habitat, looking at what is present in the tract and what can be created through management activities. Snags, commonly known as dead, standing trees, were inventoried as well. This snag information was used to complete a bat management guideline form.

Communities

A Heritage database review was submitted for this tract. No known ETR communities were noted in the report within the tract. Nearby records indicate yellowwood trees, bobcat and northern leopard frog. Pine stands are nearby: 23 acres to the west and 3 acres south.

Exotics

Ailanthus saplings noted within the 2.5 acre regeneration opening from 1987 and Autumn olive around log yard (see map). The ailanthus will be treated pre-harvest. Eradication of exotics should also be scheduled during TSI operations.



Recreation

Hunting is the major recreation within this tract.

Cultural

Cultural resources may be present on the tract but their location is protected. Adverse impacts to significant cultural resources will be avoided during any management or construction projects.

Tract Prescription and Proposed Activities

The western region of the tract contains the 2.5 acre regeneration opening from 1987 harvest. A nice stand of YEP is well established with stems ranging from 2-14" diameter. This opening will likely be expanded due to adjacent overmature stems of YEP and REO. The opening will require TSI due to grapevines as well as ailanthus saplings.

Another smaller opening in this region will likely be expanded also and require TSI. Some nice WHO and REO was noted in need of release in northern acreage.

Several stems will be marked for harvest due to decline, some overmature. These include large sawtimber BLO, REO, YEP and SUM. Highest volume harvest species tallied were BLO and YEP. Leave species of highest volume was WHO, several which are quality stems.

Overall this tract contains some very nice timber. An improvement harvest should take place over most of the acreage through single tree selection. Some regeneration will also be marked, including expanding areas from 1987 harvest. TSI will be important to control grapevines and ailanthus and hopefully be applied to some areas of heavy AMB. One such area is adjacent to an opening so this might be feasible for that area.

Tract was inventoried as two stands:

Stand 1: 35 acres of hardwoods

Stand 2: 5 total acres regenerated in 1987 harvest

Volume estimates:

4,940 bd.ft./acre Harvest

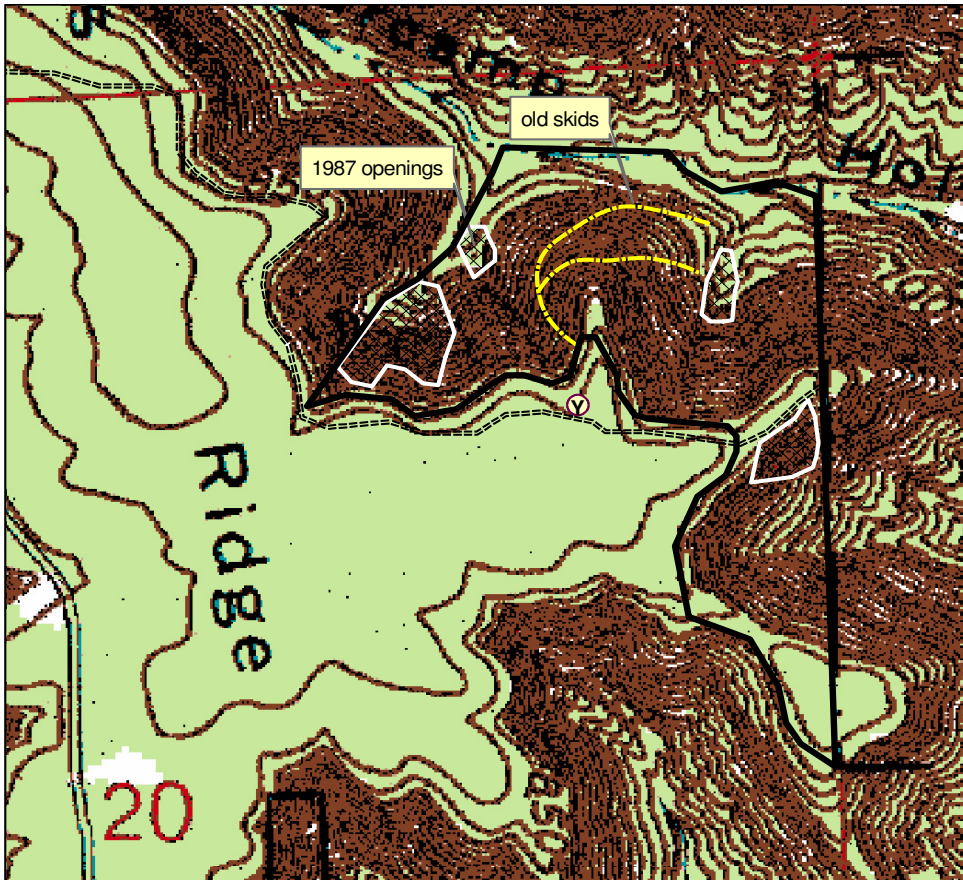
3,530 bd.ft./acre Leave

Present overall = 8,470 bd.ft./acre

To submit a comment on this document, click on the following link:

http://www.in.gov/surveytool/public/survey.php?name=dnr_forestry

You **must** indicate "Yellowwood C6 T7" in the "Subject or file reference" line to ensure that your comment receives appropriate consideration. Comments received within 30 days of posting will be considered.



Proposed Activities Listing

Timber Harvest planned in 2009/2010

Timber Stand Improvement work during 2009/2010 including treatment of any invasive exotics noted/discovered.

Stand Re-inventory work 2028