



Hopewell Mound Group Prescribed Fire

Date

One date between October 29 to November 29, 2009 based on proper weather conditions.

Location

Hopewell Mound Group, 4731 Sulphur Lick Road, Chillicothe. A map is on the back of this flyer.

Size

The prescribed fire unit is 6 acres in size.

Project Goals

- Provide for public and personnel safety.
- Reduce the accumulation of hazardous fuel adjacent to residential areas.
- Reduce accumulated dead fuel on the ground and standing material.
- Suppress tree and shrub encroachment on the native prairie.
- Re-establish the dominance of native species.
- Preserve natural processes for native prairie.
- Reduce the build-up of accumulated organic matter and stimulate prairie growth by recycling essential nutrients such as nitrogen, phosphate, potassium and trace minerals.
- Promote the growth of plant species with minimal root length and girth to avoid potential impact to cultural resources underground and stabilize the site with appropriate ground cover.
- Keep the woody species from encroaching on the grassland areas that contain the earthworks.

Burn Objectives

- Eliminate and hinder further woody species invasion into the prairie.
- Reduce litter to help manage wildfires and to make reseeding efforts more efficient
- Burn 90 to 100% of the project area.



Firefighters monitoring a prairie burn.

Why Prescribed Fire?

Fire suppression and other land management practices have altered the area's natural cycles. Today prescribed fire is used as a tool to establish natural environments and reduce wildfire threats.

Safety

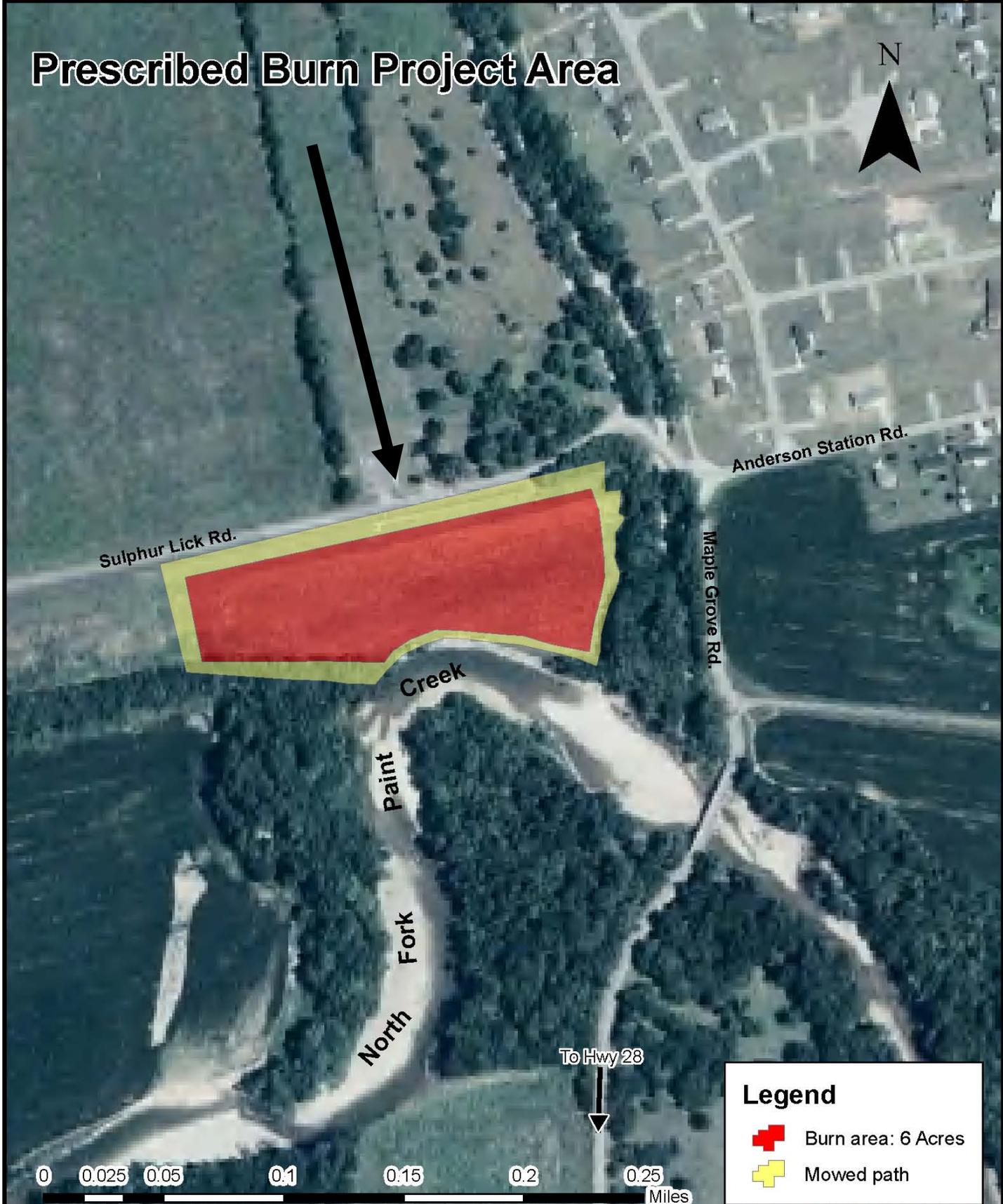
Prescribed fires are conducted by fire professionals specifically trained to national standards. Fires can only be ignited when wind, temperature and humidity factors allow for a fire which is not too intense but meets management objectives. To keep the fire in check, firefighters monitor the fire throughout the day and into the evening to prevent any unwanted damage to property or resources. A permit was obtained from the Ohio Environmental Protection Agency. The Union Township VFD has been notified and will be working with the park on this burn.

Additional Information

For more information, the prescribed burn plan is available for viewing at the park's website: <http://www.nps.gov/hocu/parkmgmt/firemanagement.htm>. Also, please feel free to contact the park directly at 740-774-1126.



Prescribed Burn Project Area



Legend

-  Burn area: 6 Acres
-  Mowed path