



PRESCRIBED BURN PLAN

State:
Preserve/Site:
Burn Unit:

Fire Planner(s):

Name:

Title:

Signature

Date

Name:

Title:

Signature

Date

Fire Leader:

Name:

Title:

Signature

Date

Fire Manager:

Name:

Title:

Signature

Date

5. UNIT DESCRIPTION:

Vegetation Types	Fuel Models	% of Unit Area	% Slope	Aspect

Fire Unit Narrative Description (include description of surrounding fuels):

Maps Attached:

Preserve location map:	Yes / No
Preserve burn unit map:	Yes / No
Preserve fuels map:	Yes / No
Burn unit map with ignition pattern, hazards, etc:	Yes / No
Aerial photograph:	Yes / No
Smoke Screening Map	Yes / No
Map to Hospital	Yes / No
Other:	

6. PRESCRIBED BURN JUSTIFICATION:

Type of Burn (ecological management, hazard reduction, training, or research):

Burn Unit Management Goal(s):

Specific Burn Objectives:

7. FUEL AND WEATHER PRESCRIPTION (give acceptable ranges)

Required Parameters:	MAX	MIN	PREFERRED (if applicable)
Wind Direction(s)			
Effective Windspeed (mph)			
1-Hour Fuel Moisture (%)			
10-Hour Fuel Moisture (%)			
100-Hour Fuel Moisture (%)			
Live Fuel Moisture (%)			
Atmospheric Mixing Height (ft)			
Other (e.g. KBDI, Live/dead ratio):			

Guidance Parameters:	MAX	MIN	PREFERRED (if applicable)
Air Temperature (°F)			
Relative Humidity (%)			
Days Since Rain			
20 ft wind speed (mph)			

List any combinations of parameters that you will exclude from your burn window (e.g. high windspeeds with low 1-hour fuel moisture).

Other Comments:

8. PREDICTED FIRE BEHAVIOR (From BEHAVE or attach BEHAVE outputs: use inputs from #7; include predictions for fuels surrounding burn unit) Use this information as a guide to the potential range of behavior from a free-burning fire, and for contingency planning.

	Fuel Model		
	#	#	#
Max. Headfire Flame Length			
Min. Headfire Flame Length			
Max. HF Rate of Spread			
Min. HF Rate of Spread			
Max. Backfire Flame Length			
Min. Backfire Flame Length			
Max BF Rate of Spread			
Min. BF Rate of Spread			
Max. Scorch Height			

9. FIRE BEHAVIOR NARRATIVE (Describe *desired* fire behavior. How will you manipulate fire behavior to meet management and control objectives?):

10. SMOKE MANAGEMENT PLAN

Smoke screening procedures completed? Yes / No

List downwind/downdrainage smoke sensitive areas (give distance):

List other smoke sensitive areas:

Map of smoke sensitive areas attached? Yes / No

13. BURN DURATION

Time (indicate minutes or hours) for:

Baseline Preparation:

Spreading Fire:

Mop-up:

Total Duration:

14. MANAGING THE BURN (Describe each of the following):

Firebreak preparations:

Firing techniques and ignition pattern:

Crew communication:

Fire behavior and weather monitoring:

Holding:

Fire sensitive areas:

Contingencies (include safety zones, escape routes, secondary control lines, escape response procedures):

Potential hazards to crew:

Mop-up:

Public relations:

Follow-up assignments:

15. DOCUMENTATION

Does the site have a Site Conservation Plan?	Yes / No
Review of Laws and Regulations complete?	Yes / No
Site Fire Management Plan complete?	Yes / No
Site Wildfire Response Plan complete?	Yes / No

Exemptions or modifications of TNC burn requirements and guidelines:

Justification(s) for exemptions or modifications:

16. LEGAL CONSIDERATIONS

Describe the ownership/management responsibility of this site:

Releases/waivers required?	Yes / No
Releases/waivers attached?	Yes / No

last update burnplan.doc 8/11/99

PRE-BURN CHECKLIST AND CREW BRIEFING

Preserve:

Fire Unit:

Date:

A. PRIOR TO CREW BRIEFING

- Fire Unit is as described in plan.
- Required firebreaks complete.
- Permits obtained. Give permit #'s:
- Official and neighbor notifications complete.
- Required equipment is on-site and functioning.
- Planned ignition and containment methods are appropriate.
- List of emergency phone numbers are in each vehicle.
- Planned contingencies and mop-up are appropriate.

B CREW BRIEFING

- Each crew member has a burn unit map.
- Fire Unit size and boundaries discussed.
- Fire Unit hazards discussed.
- Purpose of burn.
- Anticipated fire and smoke behavior.
- Review of equipment and troubleshooting.
- Check crew qualifications.
- Review organization of crew and assignments.
- Review methods of ignition, holding, mop-up, communications.
- Review contact with the public; traffic concerns.
- Location of vehicles, keys, and nearest phone.
- Location of back-up equipment, supplies, and water.
- Review all contingencies including escape routes.
- Review mop-up procedures.
- Answer questions from crew.
- Give crew members the opportunity to decline participation.

C. PRIOR TO IGNITION

- Weather and fuel conditions are within prescriptions.
- Weather forecast, obtained within two hours of ignition, says prescribed weather will hold for two hours past expected duration of burn.
- Crew members have required protective clothing.
- Crew members have matches.
- Conduct test burn.

D. BEFORE LEAVING BURN UNIT

- Mop-up completed as described in prescription.
- Next morning inspection arranged.
- Notifications of completed burn (if required).

E. NOTE ANY MODIFICATIONS TO RX

Fire Leader:

Date: