

DAILY FIRE BEHAVIOR MONITORING SHEET

Refuge: _____

Project Name: _____ **RX Fire Number:** _____

Date of Burn: _____

Ignition Time: Start: _____ **Finish:** _____

Weather Observations During Burn:

Time of Weather Observations

Dry Bulb Temp							
Wet Bulb Temp							
RH							
Wind Speed							
Wind Direction							
Cloud Cover %							

Comments Concerning Weather:

Last Live Fuel Moisture Measurement: _____ **1-Hour Fuel Moisture:** _____

10-Hour Fuel Moisture (from fuel stick): _____ **Haines Index:** _____

Test Fire Results:

Firing Pattern:

Fire Behavior Characteristics (Rate of Spread, Flame Length, Fire Spread Direction, etc.):

Acres Treated:

Smoke Dispersal Narrative (venting height, transport wind speed & direction, visibility, holding problems, problem spots, complaints, etc.):

Burn Severity

Effects to Vegetation Narrative:

Ground Char (%): Unburned _____ **Light** _____ **Moderate** _____ **Deep** _____

Soil Moisture on Day of Burn:

Were Resource Objectives Met? (If burn was successful, what conditions made it possible, ie: low live fuel moisture, high winds, etc.)

Photos of Fire Area:	Preburn	Yes _____	No _____
	During Burn	Yes _____	No _____
	Postburn	Yes _____	No _____

Daily Burn Cost: _____
Personnel Cost: \$ _____
Equipment Cost: \$ _____
Fuel Cost: \$ _____
Total: \$ _____

Vehicles Used: _____

Cost per Acre: \$ _____

Burn Organization:

Burn Boss: _____

Holding Specialist: _____

Ignition Specialist: _____

Lighting Crew: _____

Holding Crew: _____

Burn Evaluation Prepared By: _____ **Date:** _____

**Attach pertinent Spot Weather Forecast, WIMS/NFDRS, Smoke Mgt Variance, etc. information for burn day to back of sheet.