
*Wildland Fire Situation
Analysis*



WILDLAND FIRE SITUATION ANALYSIS

Wildland Fire Situation Analysis (WFSA) is a decision-making process in which the Agency Administrator or representative describes the situation, establishes objectives and constraints for the management of the fire, compares multiple strategic wildland fire management alternatives, evaluates the expected effects of the alternatives, selects the preferred alternative, and documents the decision. The format and level of detail required is dependent on the specific incident and it's complexity. The key is to document the decision.

WFSA INITIATION

FIRE NAME

Hwy 24 Fire

JURISDICTION(S)

DATE AND TIME INITIATED

6/27/00 - 1400

WFSA COMPLETION/FINAL REVIEW

THE SELECTED ALTERNATIVE ACHIEVED DESIRED OBJECTIVES ON (DATE/TIME):

THE SELECTED ALTERNATIVE DID NOT ACHIEVE THE DESIRED OBJECTIVES AND A NEW WFSA WAS PREPARED ON (DATE/TIME):

AGENCY ADMINISTRATOR OR REPRESENTATIVE SIGNATURE:

I. WILDLAND FIRE SITUATION ANALYSIS

A. JURISDICTION(S): USFWS/DOE	B. GEOGRAPHIC AREA: Yakima Ridge, Roberts Ranch North Rattlesnake Ridge
C. UNIT(S): Arid Lands NWR Complex Fitzner/Eberhardt Arid Lands Ecology Reserve	D. WFS#:
E. FIRE NAME: Hwy 24 Fire	F. INCIDENT #: 1357
G. ACCOUNTING CODE: 1357 13702-9261-1357	
H. DATE/TIME PREPARED: 10:00 pm 6/27/00 30 min prep time _____	
I. ATTACHMENTS: <ul style="list-style-type: none"><input type="checkbox"/> COMPLEXITY MATRIX/ANALYSIS¹<input type="checkbox"/> RISK ASSESSMENT¹<input type="checkbox"/> PROBABILITY OF SUCCESS¹<input type="checkbox"/> CONSEQUENCES OF FAILURE¹<input type="checkbox"/> MAPS¹<input type="checkbox"/> DECISION TREE²<input type="checkbox"/> FIRE BEHAVIOR PROJECTIONS¹<input type="checkbox"/> CALCULATIONS OF RESOURCE REQUIREMENTS¹<input type="checkbox"/> OTHER (SPECIFY) <p>¹ Required ² Required by the USFS</p>	

II. OBJECTIVES AND CONSTRAINTS

A. OBJECTIVES (must be specific and measurable):

1. **SAFETY:**
Public area closed to public
Hwy 24. Blocked off to investigate
accident scene, origin of fire
Firefighter perimeter lands, orchards, vineyards, grazing/private
attend standard fire-fighting orders
+ watch out situations.
Firefighter safety is highest priority
2. **ECONOMIC:**
contiguous shrub steppe habitat
power lines.
Because of limited amount of time until red flag
warning on 4/9 use all necessary resources.
3. **ENVIRONMENTAL:**
Natural Area Reserve MIST
ongoing research projects
sensitive sagebrush obligate species
fragile soils
4. **SOCIAL:**
significant cultural values
Smoke impacts on perimeter ranches
utilize all local resources where practical
5. **OTHER:**
Work with Unified Command

B. CONSTRAINTS:

Natural Area Reserve with
significant cultural values +
sensitive shrub-steppe habitat

Public
safety is
highest
priority

III. ALTERNATIVES

	A	B	C
A. WILDLAND FIRE STRATEGY:	Direct fire line attack	Follow up	
B. NARRATIVE:	without the use of dozers off roads that exist. Rattlesnake Spring area no off road suppression or ground disturbance. Emphasis to protect	with hand crews because of fragile natural resources sage brush habitat	
C. RESOURCES NEEDED:			
HANDCREWS	12		
ENGINES	20		
DOZERS	1 Doz 2 graders		
AIRTANKERS	4		
HELICOPTERS	2		
D. ESTIMATED FINAL FIRE SIZE:			
E. ESTIMATED CONTAIN/CONTROL DATE	Saturday Thursday Saturday after wind event		
F. COSTS:			
G. RISK ASSESSMENT: PROBABILITY OF SUCCESS/ CONSEQUENCES OF FAILURE			
H. COMPLEXITY:			
I. ATTACH MAPS FOR EACH ALTERNATIVE			

IV. EVALUATION OF ALTERNATIVES

A. EVALUATION PROCESS	A	B	C
<p><i>SAFETY</i></p> <p>Firefighter</p> <p>Aviation</p> <p>Public</p>			
<p><i>ECONOMIC</i></p> <p>Forage</p> <p>Improvements</p> <p>Recreation</p> <p>Timber</p> <p>Water</p> <p>Wilderness</p> <p>Wildlife</p> <p>Other (specify)</p>			
<p><i>ENVIRONMENTAL</i></p> <p>Air</p> <p>Visual</p> <p>Fuels</p> <p>T & E Species</p> <p>Other (specify)</p>			
<p><i>SOCIAL</i></p> <p>Employment</p> <p>Public Concern</p> <p>Cultural</p> <p>Other (Specify)</p>			
<p><i>OTHER</i></p>			

V. ANALYSIS SUMMARY

ALTERNATIVES	A	B	C
A. COMPLIANCE WITH OBJECTIVES: <i>SAFETY</i> <i>ECONOMIC</i> <i>ENVIRONMENTAL</i> <i>SOCIAL</i> <i>OTHER</i>			
B. PERTINENT DATA: <i>FINAL FIRE SIZE</i> <i>COMPLEXITY</i> <i>COST</i> <i>RESOURCE VALUES</i> <i>PROBABILITY of SUCCESS</i> <i>CONSEQUENCES of FAILURE</i>			
C. EXTERNAL/INTERNAL INFLUENCES: <i>NATIONAL AND GEOGRAPHIC PREPAREDNESS LEVEL</i> _____ <i>INCIDENT PRIORITY</i> _____ <i>RESOURCE AVAILABILITY</i> _____ <i>WEATHER FORECAST (LONG-RANGE)</i> _____ <i>FIRE BEHAVIOR PROJECTIONS</i> _____			

VI. DECISION

The selected alternative is: *A*

RATIONALE: *Priority to put out fire with least impact upon resources both cultural + natural,*

AGENCY ADMINISTRATOR SIGNATURE _____

DATE/TIME _____

Incident Intelligence Summary (ICS-209)

Date 6/30/00	Time 0600	Initial 	Update X	Final 	Incident Number P68272	Incident Name 24 Command	
Incident Type Wildland Fire		Start Date/Time 6/27/00 1330	Cause Motor Vehicle Accident		Incident Commander Aries/Waterbury	IMT Type I	State/Unit WA/USFW/ USDOE
County Benton		Lat/Long or TRS T 10-13 N, R 23-28 E			Short Location Description (in reference to nearest town): North of Benton City and Northwest of Richland, WA.		

Current Situation

Size/Area Involved 192,000 acres	% Contained or MMA 70 %	Expected Containment Date: 6/30 Time: 1800	Line to Build (# chains) 0	(\$) Costs to Date 1,600,000	Declared Controlled Date: Time:
Injuries Today 0	Fatalities 0	Structure Information			
Threat to Human Life/Safety:		Type of Structure	# Threatened	# Destroyed	
		Residence		36	
		Commercial Property			
Fuels Involved Grass and Sagebrush Current Weather Conditions Wind Speed: 7-10 mph Temperature 75 Wind Direction Variable Relative Humidity: 20		Resources threatened (kind(s) and value/significance):			
		Resource benefits/objectives (for prescribed/wildland fire use):			

Today's observed fire behavior (leave blank for non-fire events) No perimeter growth.

Significant events today. Burnout of lines completed last night. Today's operations to concentrate on mop-up, secure, and rehab.

Committed Resources

Agency	CREWS	ENGINE	HELI	AIR TANK	Fixed Wing	Camp Crew	OVHD	DOZR	WTDR	Rescue/ Med	Total Personnel
WFS		ST 21/341 SR 4/8					28		10/30	ST 1/11	418
USFS	5/100	SR 3/9				1/9	43				161
WA-DNR	2/20	SR 2/4					85				109
PVT	5/100	SR 7/9	7/23	3/9	1/2	1/16	3		2/2	SR 1/2	166
DOE		SR 8/16					1	4/8	6/12		37
BIA							11				11
BLM							23				23
NPS							6				6
OR-ODF							1				1
EPA							5				5
Total	12/220	ST 21/341 SR 24/46	7/23	3/9	1/2	2/25	206	4/8	18/44	ST 1/11 SR 1/2	937