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 its complexity. The key is to document the decision.

**WFSA INITIATION**

<table>
<thead>
<tr>
<th>FIRE NAME</th>
<th>Husy 24 Fire</th>
</tr>
</thead>
<tbody>
<tr>
<td>JURISDICTION(S)</td>
<td></td>
</tr>
<tr>
<td>DATE AND TIME INITIATED</td>
<td>6/27/00 - 1400</td>
</tr>
</tbody>
</table>

**WFSA COMPLETION/FINAL REVIEW**

<table>
<thead>
<tr>
<th>THE SELECTED ALTERNATIVE ACHIEVED DESIRED OBJECTIVES ON (DATE/TIME):</th>
</tr>
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<tbody>
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<table>
<thead>
<tr>
<th>THE SELECTED ALTERNATIVE DID NOT ACHIEVE THE DESIRED OBJECTIVES AND A NEW WFSA WAS PREPARED ON (DATE/TIME):</th>
</tr>
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<tbody>
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<table>
<thead>
<tr>
<th>AGENCY ADMINISTRATOR OR REPRESENTATIVE SIGNATURE:</th>
</tr>
</thead>
</table>
# I. WILDLAND FIRE SITUATION ANALYSIS

<table>
<thead>
<tr>
<th>A. JURISDICTION(S):</th>
<th>USFS/DOE</th>
</tr>
</thead>
<tbody>
<tr>
<td>B. GEOGRAPHIC AREA:</td>
<td>Yakima Ridge, Roberts Ranch, North Rattlesnake Ridge</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C. UNIT(S):</th>
<th>Arid Lands NWR Complex</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fitzner/Eberhardt Arid Lands Ecology Reserve</td>
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</tbody>
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<table>
<thead>
<tr>
<th>D. WFSA #:</th>
</tr>
</thead>
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<table>
<thead>
<tr>
<th>E. FIRE NAME:</th>
<th>Hwy 24 Fire</th>
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<tr>
<th>F. INCIDENT #:</th>
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<tr>
<th>G. ACCOUNTING CODE:</th>
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<table>
<thead>
<tr>
<th>H. DATE/TIME PREPARED:</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>I. ATTACHMENTS:</th>
</tr>
</thead>
</table>

- COMPLEXITY MATRIX/ANALYSIS
- RISK ASSESSMENT
- PROBABILITY OF SUCCESS
- CONSEQUENCES OF FAILURE
- MAPS
- DECISION TREE
- FIRE BEHAVIOR PROJECTIONS
- CALCULATIONS OF RESOURCE REQUIREMENTS
- OTHER (SPECIFY)

1 Required
2 Required by the USFS
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 perimeter
   - Farms, orchards, vineyards, grazing
   - Firefighter attend standard firefighting orders
   - Watch out situations
   - Firefighting safety of 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
   - Significant cultural values
   - Sensitive shrub steppe habitat
### III. ALTERNATIVES

<table>
<thead>
<tr>
<th>A. WILDLAND FIRE STRATEGY:</th>
<th>B. NARRATIVE:</th>
<th>C.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct fire line attack</td>
<td>Follow up with hand crews because of fragile natural resources</td>
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<td>Follow up with hand crews because of fragile natural resources</td>
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<tr>
<td>B. NARRATIVE:</td>
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<td>Follow up with hand crews because of fragile natural resources</td>
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<tr>
<td>C. RESOURCES NEEDED:</td>
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<tr>
<td>HANDCREWS</td>
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<tr>
<td>DOZERS</td>
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<td>170 + 2 graders</td>
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<td>AIRTANKERS</td>
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<tr>
<td>HELICOPTERS</td>
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<thead>
<tr>
<th>D. ESTIMATED FINAL FIRE SIZE:</th>
<th>E. ESTIMATED CONTAIN/CONTROL DATE</th>
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<tbody>
<tr>
<td></td>
<td>Saturday after wind and tent</td>
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<table>
<thead>
<tr>
<th>F. COSTS:</th>
<th>G. RISK ASSESSMENT: PROBABILITY OF SUCCESS/CONSEQUENCES OF FAILURE</th>
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<table>
<thead>
<tr>
<th>H. COMPLEXITY:</th>
<th>I. ATTACH MAPS FOR EACH ALTERNATIVE</th>
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### IV. EVALUATION OF ALTERNATIVES

<table>
<thead>
<tr>
<th>A. EVALUATION PROCESS</th>
<th>A</th>
<th>B</th>
<th>C</th>
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<tr>
<td><strong>SAFETY</strong></td>
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<tr>
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<td>Aviation</td>
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<tr>
<td>Other (specify)</td>
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<td>T &amp; E Species</td>
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<td>Other (specify)</td>
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<td>Cultural</td>
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<td>Other (Specify)</td>
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<tr>
<td><strong>OTHER</strong></td>
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## V. ANALYSIS SUMMARY

<table>
<thead>
<tr>
<th>ALTERNATIVES</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. COMPLIANCE WITH OBJECTIVES:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAFETY</td>
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<tr>
<td>ECONOMIC</td>
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<td>ENVIRONMENTAL</td>
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<td>SOCIAL</td>
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<tr>
<td>OTHER</td>
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<tr>
<td>B. PERTINENT DATA:</td>
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<tr>
<td>FINAL FIRE SIZE</td>
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<tr>
<td>COMPLEXITY</td>
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<tr>
<td>COST</td>
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<tr>
<td>RESOURCE VALUES</td>
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<tr>
<td>PROBABILITY of SUCCESS</td>
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<tr>
<td>CONSEQUENCES of FAILURE</td>
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<tr>
<td>C. EXTERNAL/INTERNAL INFLUENCES:</td>
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<tr>
<td>NATIONAL AND GEOGRAPHIC PREPAREDNESS LEVEL</td>
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<tr>
<td>INCIDENT PRIORITY</td>
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<tr>
<td>RESOURCE AvAILABILITY</td>
<td></td>
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<tr>
<td>WEATHER FORECAST (LONG-RANGE)</td>
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<tr>
<td>FIRE BEHAVIOR PROJECTIONS</td>
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## VI. DECISION

The selected alternative is: **A**

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

AGENCY ADMINISTRATOR SIGNATURE

DATE/TIME
### VII. DAILY REVIEW

Selected alternative to be reviewed daily to determine if still valid until containment or control.

<table>
<thead>
<tr>
<th>DATE</th>
<th>TIME</th>
<th>BY</th>
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If WFSA is no longer valid, a new WFSA will be completed.
**Incident Intelligence Summary (ICS-209)**

**Date:** 6/30/00  
**Time:** 0600  
**Incident Number:** P68272  
**Incident Name:** 24 Command

<table>
<thead>
<tr>
<th>Incident Type</th>
<th>Start Date/Time</th>
<th>Cause</th>
<th>Incident Commander</th>
<th>IMT Type</th>
<th>State/Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wildland Fire</td>
<td>6/27/00 1330</td>
<td>Motor Vehicle Accident</td>
<td>Arise/Waterbury</td>
<td>I</td>
<td>WA/USFW/USDOE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>County</th>
<th>Lat/Long or TRS</th>
<th>Short Location Description (in reference to nearest town): North of Benton City and Northwest of Richland, WA.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benton</td>
<td>T 10-13 N, R 23-28 E</td>
<td></td>
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</tbody>
</table>

**Current Situation**

<table>
<thead>
<tr>
<th>Size/Area Involved</th>
<th>% Contained or MMA</th>
<th>Expected Containment Date</th>
<th>Line to Build (# chains)</th>
<th>($) Costs to Date</th>
<th>Declared Controlled Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>192,000 acres</td>
<td>70%</td>
<td>6/30</td>
<td></td>
<td>1,600,000</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Injuries Today</th>
<th>Fatalities</th>
<th>Structure Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Threat to Human Life/Safety:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Residence</td>
<td>36</td>
</tr>
<tr>
<td>Commercial Property</td>
<td></td>
</tr>
<tr>
<td>Outbuilding/Other</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fuels Involved</th>
<th>Resources threatened (kind(s) and value/significance):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grass and Sagebrush</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Current Weather Conditions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Wind Speed: 7-10 mph</td>
<td></td>
</tr>
<tr>
<td>Temperature: 75</td>
<td></td>
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<tr>
<td>Wind Direction Variable</td>
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<tr>
<td>Relative Humidity: 20</td>
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</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Agency</th>
<th>CREWS</th>
<th>ENGINE</th>
<th>HELI</th>
<th>AIR TANK</th>
<th>Fixed Wing</th>
<th>Camp Crew</th>
<th>OVHD</th>
<th>DOZR</th>
<th>WTD</th>
<th>Rescue/ Med</th>
<th>Total Personnel</th>
</tr>
</thead>
<tbody>
<tr>
<td>WFS</td>
<td></td>
<td>ST 21/341</td>
<td></td>
<td>SR 4/8</td>
<td></td>
<td></td>
<td>28</td>
<td>10/30</td>
<td>ST 1/11</td>
<td>418</td>
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</tr>
<tr>
<td>USFS</td>
<td>5/100</td>
<td>SR 3/9</td>
<td>1/9</td>
<td></td>
<td>85</td>
<td>2/2</td>
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<td></td>
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<td>109</td>
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<tr>
<td>WA-DNR</td>
<td>2/20</td>
<td>SR 2/4</td>
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<td></td>
<td>3</td>
<td>SR 1/2</td>
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<td>166</td>
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<tr>
<td>PVT</td>
<td>5/100</td>
<td>SR 7/9</td>
<td>3/9</td>
<td>1/2</td>
<td>1/16</td>
<td>11</td>
<td>6/12</td>
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<tr>
<td>DOE</td>
<td>SR 8/16</td>
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<tr>
<td>Total</td>
<td>12/220</td>
<td>ST 21/341</td>
<td>7/23</td>
<td>3/9 1/2</td>
<td>2/25</td>
<td>206</td>
<td>4/8</td>
<td>18/44</td>
<td>ST 1/11</td>
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