Boulder County
Wildfire Annex

2018
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Intent

This document is designed as a tool for agency and incident managers to coordinate resources, develop sustainable incident management plans, and facilitate jurisdictional transitions of responsibilities during an escalating wildfire incident. The document is designed to be applied sequentially as relevant to an escalating wildfire incident. Not all forms and processes need to be considered and some are agency specific. Some wildland fire suppression jurisdictions in Boulder County have plans relating to specific hazards. Each jurisdiction is responsible for implementing their plans, including procedures for protecting their own human and material resources.

Scope

The impacted jurisdiction will be responsible for the coordination of local response and wildland fire suppression efforts and will have at their disposal: personnel, equipment, and other resources available through mutual aid. The Boulder County Sheriff’s Office has primary responsibility for evacuations, closures, and security during an emergency and/or disaster. When time allows, wildland fire suppression agencies may be required to assist in warning citizens that a threat exists and that they should take action to preserve life and property.

The pre-staging of wildland fire suppression personnel and resources for initial attack will be responsibility of the individual wildland fire jurisdictions. In catastrophic wildland fire events, wildland fire suppression agencies can be overwhelmed and their ability to respond to emergency calls for service may become severely hampered. Wildland fire suppression jurisdictions may coordinate with ESF 13 (Public Safety), ESF 8 (Public Health), and ESF 9 (Search and Rescue) in allocating resources to meet the demands of the emergency.

Requests for additional wildland fire suppression resources, including aircraft, out-of-county mutual aid, the Colorado Department of Fire Prevention and Control, along with federal wildland fire fighting resources will be coordinated through the Boulder Country Fire Duty Officer (FDO). The FDO will facilitate cost share agreements, agency Capability Capacity Analysis, Incident Complexity Analysis, Assumptions of Control, and Delegations with all the appropriate jurisdictional representatives.

Purpose

The Boulder Office of Emergency Management has established in the Boulder County Emergency Operations Plan, Annex M, incident characteristics which determine the incidents complexity typing. Each type has a suggested command authority and organizational support, but actual authority could be determined by the nature of the event. The types are developed from those found in the Interagency Standards for Fire and Fire Aviation Operations, Chapter 11 (NFES 2724).
**Type 5**

A Type 5 incident dictates that Jurisdiction(s) having authority responds and handles event without outside resources. A Type 5 Incident Commander or appropriate jurisdictional authority usually manages this Ad hoc organization. Most of the time Command and General staff positions are not activated. ICS functional area duties should be assigned to the most qualified or competent individuals available. The incident is usually contained within the first burn period and often within a few hours after resources arrive on scene.

**Type 4**

A Type 4 incident dictates Jurisdiction(s) having authority request outside resources including mutual aid and may or may not maintain incident command authority. A Type 4 Incident Commander or appropriate jurisdictional authority usually manages this Ad hoc organization. Command and General staff positions may be activated. ICS functional area duties should be assigned to the most qualified or competent individuals available. Resources vary from a single resource to multiple resource taskforces and strike teams. The incident is usually limited to one operational period in the control phase. Mop up may extend into multiple operational periods. Written Incident Action Plan (IAP) is NOT required. Completion of an ICS form 201 is suggested. A documented operational briefing will be completed for all incoming resources.

**Type 3**

A Type 3 incident dictates that Jurisdiction(s) having authority request that the incident management authority be transferred to the Boulder County Sheriff’s Office. Incident command is transferred and the Boulder incident management Team may be used. A qualified Type 3 Incident Commander is required to manage the incident. Appropriate command and general staff positions will be implemented. Specific qualifications for Safety, Public Information Officers along with Operations will be adhered to. Minimum qualifications for all other functional areas are established by agency policy. Fort Collins Interagency wildfire Dispatch Center will be notified of all Type 3 fires. A Capability and Complexity Analysis along with an Assumption of Control and Local Delegation must be completed.

**Type 2 / 1**

A Type 2 / 1 incident dictates the Boulder County Sheriff’s Office request that the incident management authority be transferred to a state or federal agency. A pre-established Type 2 or 1 (IMT) Incident Management Team will be assigned to the incident. ICS command and general staff positions will be activated. Geographical and functional area divisions/ groups are established. Usually involves complex aviation resources. The incident will extend into multiple operational periods. A written (IAP) Incident Action Plan is required. The incident will exceed 200 operational and support personnel. This incident will require a Capability and Complexity Analysis along with a written Assumption of Control and Delegation be completed. Often times it will also require the completion of a WFSA (Wildfire Situation Analysis).

**Area Command**

Area command is an incident command system organization established to oversee the management of multiple incidents that are each being managed by an ICS organization or to oversee the management of large or multiple incidents to which several incident management teams have been assigned. The area commander may become unified area command when incidents are multi-jurisdictional. The determining factor for establishing area command is the span of control of the agency(s) administrators.
FRONT PAGE NOTES

AVAILABLE RESOURCES

Mutual Aid  Wildland Task Force  DFPC  B.E.S.

FDO: Boulder County Transportation

FDO: Aviation: Helicopters, Fixed-Wing, Air Attack, MMA, CO-ANG

WHEN COMPLETE eMAIL TO SheriffFireRecords@bouldercounty.org
<table>
<thead>
<tr>
<th>INCIDENT</th>
<th>Type of Problem</th>
<th>Fire Behavior</th>
<th>Spread Potential</th>
<th>Location description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Nothing showing</td>
<td></td>
<td>Low</td>
<td>Flat</td>
</tr>
<tr>
<td></td>
<td>Light White smoke</td>
<td>Smoldering</td>
<td>Moderate</td>
<td>Lower 1/3 slope</td>
</tr>
<tr>
<td></td>
<td>Heavy Dark smoke</td>
<td>Creeping</td>
<td>High</td>
<td>Mid Slope</td>
</tr>
<tr>
<td></td>
<td>Wildland Fire</td>
<td>Running</td>
<td>Extreme</td>
<td>Upper 1/3 slope</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Spotting</td>
<td></td>
<td>Ridgeline</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Torching</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMMUNICATIONS</td>
<td>(Command Channel)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RESOURCES</td>
<td>Emergent or Non-emergent</td>
<td>Level 1, On-Scene</td>
<td>Level 2, Staging Location:</td>
<td></td>
</tr>
</tbody>
</table>

2) BEST ACCESS:

3) STRUCTURES THREATENED
   - NO
   - YES Immediate threat?

4) LIFE SAFETY
   - NO
   - YES Consider Evac.

5) EVACUATIONS
   - Request Deputy for closures/Evac.
   - Establish LAW Group

6) REQUEST LEGAL LOCATION
   - Lat:
   - Long:
   - Jurisdiction: (Fire District)
   - Ownership: (Private/County/State/Fed)

7) FDO En Route
   - NO
   - YES

8) ADDITIONAL RESOURCES REQUESTED
   - Brush Trucks Qty:
   - Tenders Qty:
   - Task Force

9) AIRCRAFT NEEDED
   - NO
   - YES: Request through FDO
   - Type: Fixed wing/Helicopter/MMA
   - Ground Contact Freq: (AG9) (AG58) (VFire21)
   - Ground Contact Identifier:
### Resource Tracking

<table>
<thead>
<tr>
<th>Ordered</th>
<th>Arrived</th>
<th>Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agency</td>
<td>Call Sign</td>
<td>Type</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
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<td>19</td>
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<tr>
<td>20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Staging area Location:

#### Radio Channel/Frequency:

#### Staging Area Manager Call-sign:

### OBSERVED WEATHER

<table>
<thead>
<tr>
<th>Weather Obs 1</th>
<th>Temp</th>
<th>RH</th>
<th>Wind speed/direction</th>
<th>Aspect &amp; Location</th>
<th>Elevation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Weather Obs 2</th>
<th>Temp</th>
<th>RH</th>
<th>Wind speed/direction</th>
<th>Aspect &amp; Location</th>
<th>Elevation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time:</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Weather Obs 3</th>
<th>Temp</th>
<th>RH</th>
<th>Wind speed/direction</th>
<th>Aspect &amp; Location</th>
<th>Elevation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SPOT WEATHER

<table>
<thead>
<tr>
<th>Temp</th>
<th>P.I.G. (Calculate):</th>
</tr>
</thead>
<tbody>
<tr>
<td>RH</td>
<td>LAL</td>
</tr>
</tbody>
</table>

| Wind | Haines              |

### CAPABILITY AND CAPACITY ANALYSIS (**Consider Cost Share OR Assumption of Control**)

- ☐ Has this fire exceeded the **capabilities (tactical)** of the FPD? □ NO □ YES
- ☐ Has this fire exceeded the **capacity (financial expense)** of the FPD? □ NO □ YES
- ☐ Has/will this fire exceed normal Mutual Aid agreements? □ NO □ YES
- ☐ Is there a need for County or State Resources (Type 3 team/aviation)? □ NO □ YES
- ☐ Is **Delegating Authority** on-scene? □ NO □ YES
LOCAL COST SHARE AGREEMENT

Incident Name:____________________________________________________________________

Date and Time:____________________________________________________________________

Jurisdictional Responsibility: ______________________________________________________
This cost share agreement is between Boulder County and_________________________________________
_____________________________________

Agency Representatives participating in the development and approving of the cost share agreement:
Agency: Agency: Agency:
Name: Name: Name:
Title: Title: Title:
Date: Date: Date:

It is hereby agreed that the cost basis on the______________________________ incident will be shared as follows:
1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 
10. 

________________________________________  ________________________________
Jurisdictional Authority Signature                Sheriff or Designee’s Signature
ASSUMPTION OF CONTROL

I. ASSUMPTION OF CONTROL

Defined: The Local Fire Protection District/Authority/Department may delegate the assumption of fire control and fiscal management for a specific fire.

A. Authority for controlling the ______________________________ Fire burning in ______________________________ Fire Protection District is to be assumed by Boulder County.

B. Delegation of authority is for the fire area (“box”) defined as:

_________________________________________________________________________________________

and will become effective at ________ hours on __________, 20__ and is acceptable to signatory parties below.

II. PAYMENT OF COSTS INCURRED

A. Boulder County is responsible for costs incurred for the following:

☐ Suppression, control and containment of the fire.
☐ Evacuations and closures
☐ Media and public information
☐ Technical rescues within fire perimeter

_________________________________________________________________________________________

_________________________________________________________________________________________

B. The Fire Protection District is responsible for costs incurred for the following:

☐ Jurisdictional fire suppression resources
☐ Medical, all-hazards and all standard fire and rescue services typically provided outside fire area

_________________________________________________________________________________________

_________________________________________________________________________________________

_________________________ Date:_________________________ Date:

Jurisdictional Authority Signature                                      Sheriff or Designee's Signature
CURRENT SITUATION AND STATUS REPORT

- Incident Name
- Incident Type
- Location
- Ownership
- Jurisdiction
- Size
- Number of engines
- Number of firefighters
- Number of aircraft
- Type and Kind of aircraft
- Resources ordered
- Structures lost
- Structures threatened
- Infrastructure damaged or destroyed
- Infrastructure threatened
- Number of evacuations
- Estimated current cost
- Current weather conditions
- Predicted weather conditions
- Communication issues
- Special hazards or concerns
NOTES
As of (Date) ______________ (Time) _________, Sheriff Joe Pelle has delegated authority and responsibility of managing the ______________________________ Fire, burning in Boulder County within the ______________________________ Fire Protection District(s), to Incident Commander ________________ and his Incident Management Team.

This delegation includes the authority to obligate agency funds necessary to pay for controlling this fire. It also includes the responsibility to contain the fire as rapidly as possible in a safe and cost-effective manner.

As Incident Commander, you are accountable to Boulder County for the overall management of this incident including its control and return to local forces. You are expected to adhere to relevant and applicable laws, policies, and professional standards.

The considerations for management of this fire are:

1. The Agency Administrator is Sheriff Joe Pelle and the Agency Representative(s) will be________________________________________________________________________

2. Evacuations and closures will be managed by the Boulder County Sheriff’s Office

3. Media and public information will be managed by Boulder County and your management organization is required to participate in the established joint information system.

4. It is preferred that local logistical resources are considered first when ordering.

5. The incident priorities include;_____________________________________________________________________________
   _______________________________________________________________________________
   _______________________________________________________________________________
   _______________________________________________________________________________

6. In the event of a transition to another management organization, your team will provide the most accurate and current information found in section H of this packet.

7.___________________________________________________________________________________

8.____________________________________________________________________________________

9.____________________________________________________________________________________

10.___________________________________________________________________________________

Delegated by:

Printed Name & Title   Agency Administrator Signature   Date   Time

Acceptance by:

Printed Name & Title   Incident Commander Signature   Date   Time
DFPC ASSUMPTION OF CONTROL

I. ASSUMPTION OF CONTROL

Defined: The County Sheriff may delegate the assumption of fire control and fiscal management for a specific fire. The County Sheriff retains statutory authority as defined in CRS 30-10-513.

A. Authority for controlling the ______________________________ Fire burning in
__________________________________________ County, Section(s) ____________________________, Township
__________________________, Range ________________ , is to be assumed by:

(Check One)

☐ ____________________________ County

☐ Colorado Division of Fire Prevention and Control (DFPC)

B. Delegation of authority will become effective at 0600 hrs. on ________, 20__

End of operational period, identified as _____ hrs. on ________, 20__

and is acceptable to signatory parties below.

II. PAYMENT OF COSTS INCURRED

A. The agency accepting this duty, ____________________________, is responsible for

(COUNTY or DFPC)

costs incurred for the following:

_________________________________________________________________
_________________________________________________________________
_________________________________________________________________
_________________________________________________________________
_________________________________________________________________
_________________________________________________________________
_________________________________________________________________
B. The cooperating agency, _______________________________, is responsible for costs incurred for the following: (COUNTY or DFPC)

________________________________________________________________
________________________________________________________________
________________________________________________________________
________________________________________________________________
________________________________________________________________

The County agrees, in the event of a human caused fire, to conduct an investigation as to cause and provide Colorado Division of Fire Prevention and Control a copy of the preliminary investigation report within 30 days of control of the fire and a final report upon the conclusion of that investigation consistent with State Law.

COUNTY SHERIFF:       BOARD OF COUNTY COMMISSIONERS:

______________________________ ______________________________
Name      Name

______________________________ ______________________________
Title      Title

______________________________ ______________________________
Date      Date

______________________________ ______________________________
Time      Time

FOR DFPC:

______________________________
Name

______________________________
Title

______________________________
Date

______________________________
Time
DFPC DELEGATION OF AUTHORITY

As of (Time/Date) __________________________________, I have delegated authority and responsibility of managing the ________________ Fire, burning in ________________ County, to Incident Commander: ________________________________ and his Incident Management Team.

IC Name ________________________________

This delegation includes the authority to obligate agency funds necessary to pay for controlling this fire. It also includes the responsibility to contain the fire as rapidly as possible in a safe and cost-effective manner.

As Incident Commander, you are accountable to me for the overall management of this incident including its control and return to local forces. I expect you to adhere to relevant and applicable laws, policies, and professional standards.

My considerations for management of this fire are:

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 
10. 

Delegated by: ________________________________

Printed Name & Title _____________________________

Agency Administrator Signature ___________________

Date _______ Time _______

Acceptance by: ________________________________

Printed Name & Title _____________________________

Incident Commander Signature ___________________

Date _______ Time _______
DFPC COMPLEXITY ANALYSIS GUIDELINE

How complex must a situation be in order to qualify for an Incident Management Team?

The following chart should be used as a guideline for deciding the level of incident management team needed for an incident. It is designed to help analyze the complexity or predicted complexity of a given fire situation. Assumptions are:

1. When a fire escapes initial attack, it is automatically considered for an incident management team. A Type 4, Type 3, Type 2, or a Type 1 team should manage it, depending on complexity level.
2. As a fire situation becomes more complex, so does the need for a Type 1 team to handle a predicted Type 1 situation.

Instructions for using this guideline:

1. Carefully analyze each secondary element under the listed primary factors, and check response column either yes or no.
2. Decisions should be based on the number of yes answers under the primary factors. As a rule of thumb, if the majority of the seven primary factors have secondary elements answered with a "yes," the complexity is great enough to warrant a Type I effort. If the majority of the seven primary factors do not have two or more secondary elements answered with a "yes," the complexity should remain at the IMG or Type II level.

It should be emphasized that this analysis is based on predictions for the next burning period. Obviously, if the analysis is on the present situations and one of the primary factors is checked, a Type 1 situation already exists.

<table>
<thead>
<tr>
<th>A. SAFETY</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Fixed wing and helicopters both involved.</td>
<td>___</td>
<td>___</td>
</tr>
<tr>
<td>2. More than one fuel type involved.</td>
<td>___</td>
<td>___</td>
</tr>
<tr>
<td>3. Extended exposure to risk or unusually hazardous line conditions.</td>
<td>___</td>
<td>___</td>
</tr>
<tr>
<td>4. Serious accident or fatality.</td>
<td>___</td>
<td>___</td>
</tr>
<tr>
<td>Subtotal:</td>
<td>___</td>
<td>___</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B. MULTIPLE OWNERSHIPS</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Fire burning on more than one land ownership.</td>
<td>___</td>
<td>___</td>
</tr>
<tr>
<td>2. Disputed fire responsibility/authority.</td>
<td>___</td>
<td>___</td>
</tr>
</tbody>
</table>
3. Potential for claims.

| Subtotal: |   |   |

C. PERSONNEL AND OTHER RESOURCES COMMITTED

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

1. 200 or more people per shift.

|   |   |

2. Two or more divisions.

|   |   |

3. Multi-support agencies involved.

|   |   |

4. Local resources (personnel and equipment) not available or in condition suitable for initial attack.

|   |   |

| Subtotal: |   |   |

D. CONTAINMENT COST

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

1. $50,000 or more per day.

| Subtotal: |   |   |

E. FIRE BEHAVIOR

<p>| | |</p>
<table>
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<tr>
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</tr>
</thead>
</table>

1. Flame length of 6 feet or greater.

|   |   |

2. Duration uncontrolled - 2 or more burning periods.

|   |   |

3. Severe or extremely variable topography.

|   |   |

4. 1 Hr. fuel moisture 5% or less.

|   |   |

F. Eye-level wind forecast greater than 20 mph.

|   |   |

G. Active crowning/spotting expected.

| Subtotal: |   |   |

H. CULTURAL RESOURCES

<p>| | |</p>
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</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

1. Urban interface.

|   |   |

2. Summer homes.

|   |   |

3. Other developments.

| Subtotal: |   |   |
I. POLITICAL PROBLEMS
   1. Controversial fire policy.       ____  ____
   2. Poor relationship between ownerships.    ____  ____
   3. Pre-existing controversies.        ____  ____
   4. Local organization unable to establish positive media relationships.  ____  ____

Subtotal:       ____  ____

GRAND TOTAL:       ____  ____

Recommended Management Level:

Total # of “Yes” answers:
   0 - 2  Reinforced Attack
   3 - 7  Type 3 Incident Management Team or Type 4
   8 - 13 Type 2 Incident Management Team
   14+   Type 1 Incident Management Team

Note: Other considerations may influence decision on which Management Level team to request. If Management Level used is different than above indicates, use space below or back of this sheet for documentation.
**DFPC ANALYSIS FORM**

(Complete this form daily, as appropriate, based on the fire situation)

Date: ___________  Time: ___________  County: ___________  Fire Name: ___________

Location: Lat/Long ___________________  Legal: T __  R ____  Section(s)

<table>
<thead>
<tr>
<th>I. Resources</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CURRENT</td>
<td>PREDICTED</td>
<td>CURRENT</td>
<td>PREDICTED</td>
</tr>
<tr>
<td>a. Has the normal mutual aid network been fully implemented?</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>b. Has the County committed all of its wildland resources defined in the County operating plan?</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>c. Have aviation resources been ordered?</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
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</tr>
<tr>
<td>d. Is the fire beyond the capability of local management team?</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
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<tr>
<td>e. Is water supply limiting suppression efforts?</td>
<td>[ ]</td>
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<tr>
<td>f. Is there a need for Interagency Regional or National resources?</td>
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<tr>
<td>g. Is the availability of additional resources hampering suppression efforts?</td>
<td>[ ]</td>
<td>[ ]</td>
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</tr>
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<table>
<thead>
<tr>
<th>II. Values at Risk</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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<tbody>
<tr>
<td></td>
<td>CURRENT</td>
<td>PREDICTED</td>
<td>CURRENT</td>
<td>PREDICTED</td>
</tr>
<tr>
<td>a. Is the general public threatened?</td>
<td>[ ]</td>
<td>[ ]</td>
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</tr>
<tr>
<td>b. Are structures threatened?</td>
<td>[ ]</td>
<td>[ ]</td>
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</tr>
<tr>
<td>c. Are there unusually hazardous firefighting conditions?</td>
<td>[ ]</td>
<td>[ ]</td>
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<td>[ ]</td>
</tr>
<tr>
<td>d. Are historical values at risk?</td>
<td>[ ]</td>
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</tr>
<tr>
<td>e. Does the fire involve mixed land ownership?</td>
<td>[ ]</td>
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</tr>
<tr>
<td>f. Is critical infrastructure threatened?</td>
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</tr>
<tr>
<td>III. Fire Behavior</td>
<td>CURRENT</td>
<td>PREDICTED</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Is fire behavior dictating an indirect control strategy?</td>
<td></td>
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</tr>
<tr>
<td>b. Is extreme fire behavior present?</td>
<td></td>
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</tr>
<tr>
<td>c. Is the 1000 hour fuel moisture below 12%?</td>
<td></td>
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<tr>
<td>d. Is the fuel type and condition conducive to rapid spread?</td>
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<tr>
<td>e. Is accessibility limiting suppression efforts?</td>
<td></td>
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<tr>
<td>f. Is the rate of spread beyond the suppression capability of local resources?</td>
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<tr>
<td>g. Is fire burning on slope greater than 30%?</td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td></td>
<td>IV. Fire Weather</td>
<td>CURRENT</td>
<td>PREDICTED</td>
<td></td>
</tr>
<tr>
<td>a. Are wind speeds greater than 20 mph?</td>
<td></td>
<td></td>
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<tr>
<td>b. Is the temperature above seasonal average for fire location?</td>
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<tr>
<td>c. Is the RH below 15%?</td>
<td></td>
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<td></td>
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<tr>
<td>d. Are there any critical fire weather events?</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>V. Other Considerations</td>
<td>CURRENT</td>
<td>PREDICTED</td>
<td></td>
</tr>
<tr>
<td>a. Are there political or economic concerns?</td>
<td></td>
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<tr>
<td>b. Are non-fire incidents occurring which have an impact on fire operations?</td>
<td></td>
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</tbody>
</table>
c. Is additional aviation management or oversight needed?

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<table>
<thead>
<tr>
<th>VI. Totals</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
</table>

Sub totals

Current (A) + Predicted (C) = _____

Current (B) + Predicted (D) = _____

To qualify for EFF or State financial assistance, answers must reflect a total local level commitment to the fire.

To qualify for EFF, total of Columns \( A + C \) must be equal to or greater than 35. If the incident does not qualify for EFF, DFPC may assist the County in seeking State financial assistance if available.

Sheriff or Designee's Signature

DFPC Director or Designee's Signature

DFPC DIRECTOR RESPONSE:
DFPC Fire Funding Request and Notification

Incident Information

Date of Fire Start:
Fire Name:
Fire Number:
Fire Location:
Jurisdictions Involved:
Cost Share in Place (Y/N):
Yes
No
If yes, please attach copy of cost share agreement

Requesting Agency Information

Agency Name:
Requestor Name:
Requestor Title:

Hand crew Resources

Hand crew Used (Y/N):
Yes
No
If yes, provide information below

If Hand crew used
Date(s) of Use:

Name of Crew(s) Assigned:
Resource Order #(#s):
Resource Order Attached:
Yes
No

Aviation Resources

Aircraft Used (Y/N):
Yes
No
If yes, provide information below for each aircraft

Date of Use:
Aviation Resource(s) Used:
Air Tanker
SEAT
Helicopter

Aircraft #1
Aircraft #2
Aircraft #3

Aircraft Assigned:
Aircraft Owner (if known):
Resource Order #:
Resource Order Attached:

Additional Information

DFPC FMO/Region:
County:
Date Submitted to DFPC:
LOCAL DISASTER EMERGENCY DECLARATION

Two (2) copies shall be sent to: Colorado Division of Emergency Management (DEM) 9195 East Mineral Avenue, Suite 200 Centennial, Colorado 80112 FAX (720) 852-6750 One (1) copy will be forwarded to the Governor by DEM

WHEREAS, Boulder County suffered or there is an imminent threat that Boulder County will suffer from widespread damage, injury or loss of life or property resulting from: ________________________________

________________________________________

______________________________ which occurred (location) ___________________________ at (date/time).

________________________________________

And

WHEREAS, the magnitude of responding to and recovery from the impact is far in excess of the County's available resources. Local Resources are currently fully engaged and will be exhausted.

NOW THEREFORE BE IT RESOLVED, there is hereby declared a local disaster emergency pursuant to § 24-32-2109, C.R.S., as amended.

DATED at ____________________ County, Colorado this ______________ day of ______________, 20___
at _________A.M./P.M.

Agency Administrator ____________________________________________________________

Agency ________________________________________________________________
DISASTER DECLARATION AGREEMENT

Pursuant to C.R.S. 24-33.5-709 a title 32 political subdivision of Government may declare a disaster by the principal executive officer. The declaring entity must demonstrate that ability to manage the disaster is exceeded in three areas; damage, resources and funding ability.

(1) Provide damage reports that demonstrate severe impacts to life, property and critical infrastructure.

(2) Demonstrate that available local resources are committed or exhausted.

(3) Show immediate lack of ability to fund costs associated with the disaster or demonstrate exigency and imminent funding deficits due to the disaster response.

The declaring entity shall submit a disaster declaration form per the Emergency Operations Plan's requirement for the execution of a disaster declaration agreement. The disaster declaration agreement is the document that assesses the level of support needed to structure the agreement and cost share. The following form shall be completed and is the principle structure for completing a formalized written agreement document if required.

Entity Declaring a Disaster:

Event Name or Location:

Disaster Type:

Date:

Time:

Principle Executive Officer:

Sheriff:

OEM:
Cross Check on Resources

1. Declaring Agency's resources are committed
   □ Yes  □ No
2. Local Mutual aid resources are exhausted
   □ Yes  □ No
3. County provided contracted resources are deployed
   □ Yes  □ No

IF 1 & 2 ARE NOT CHECKED YES, DO NOT PROCEED WITH THE DISASTER DECLARATION AGREEMENT.

Impacts

Deaths
   □ Yes  □ No  Numbers______
Injuries
   □ Yes  □ No  Numbers______
Displaced residents
   □ Yes  □ No  Numbers______
Missing persons
   □ Yes  □ No  Numbers______
Animals injured or killed
   □ Yes  □ No  Numbers______
Homes destroyed
   □ Yes  □ No  Numbers______
Homes damaged
   □ Yes  □ No  Numbers______
Businesses destroyed
   □ Yes  □ No  Numbers______
Animals injured or killed
   □ Yes  □ No  Numbers______
Homes destroyed
   □ Yes  □ No  Numbers______
Farms and ranches damaged
   □ Yes  □ No  Numbers______
Livestock killed
   □ Yes  □ No  Numbers______
## Infrastructure Damage Assessment

<table>
<thead>
<tr>
<th>Level 1</th>
<th>Off-line for long term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 2</td>
<td>Not working and repairs underway</td>
</tr>
<tr>
<td>Level 3</td>
<td>Damaged but operational</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Road systems</th>
<th>□ Damaged □ Destroyed</th>
<th>Level □ 1 □ 2 □ 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sewer system</td>
<td>□ Damaged □ Destroyed</td>
<td>Level □ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Irrigation ditches</td>
<td>□ Damaged □ Destroyed</td>
<td>Level □ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Water treatment facility</td>
<td>□ Damaged □ Destroyed</td>
<td>Level □ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Water delivery system</td>
<td>□ Damaged □ Destroyed</td>
<td>Level □ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Natural gas delivery system</td>
<td>□ Damaged □ Destroyed</td>
<td>Level □ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Electrical grid</td>
<td>□ Damaged □ Destroyed</td>
<td>Level □ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Telecommunications system</td>
<td>□ Damaged □ Destroyed</td>
<td>Level □ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Governmental facilities</td>
<td>□ Damaged □ Destroyed</td>
<td>Level □ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Hospital facilities</td>
<td>□ Damaged □ Destroyed</td>
<td>Level □ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Long Term Care facilities</td>
<td>□ Damaged □ Destroyed</td>
<td>Level □ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Airport facilities</td>
<td>□ Damaged □ Destroyed</td>
<td>Level □ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Fire Stations</td>
<td>□ Damaged □ Destroyed</td>
<td>Level □ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Law enforcement facility</td>
<td>□ Damaged □ Destroyed</td>
<td>Level □ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Railways</td>
<td>□ Damaged □ Destroyed</td>
<td>Level □ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Schools</td>
<td>□ Damaged □ Destroyed</td>
<td>Level □ 1 □ 2 □ 3</td>
</tr>
</tbody>
</table>

## Resource Needs

<table>
<thead>
<tr>
<th>Need Resource Mobilization resources</th>
<th>□ Yes □ No □ What _____________ □ Qty._____</th>
</tr>
</thead>
<tbody>
<tr>
<td>Need Interagency resources</td>
<td>□ Yes □ No □ What _____________ □ Qty._____</td>
</tr>
<tr>
<td>Need private sector resources</td>
<td>□ Yes □ No □ What _____________ □ Qty._____</td>
</tr>
<tr>
<td>PIO services</td>
<td>□ Yes □ No □ What _____________ □ Qty._____</td>
</tr>
<tr>
<td>Sheltering facilities</td>
<td>□ Yes □ No □ What _____________ □ Qty._____</td>
</tr>
<tr>
<td>Emergency animal sheltering</td>
<td>□ Yes □ No □ What _____________ □ Qty._____</td>
</tr>
<tr>
<td>Food / water resources</td>
<td>□ Yes □ No □ What _____________ □ Qty._____</td>
</tr>
<tr>
<td>Sanitation resource</td>
<td>□ Yes □ No □ What _____________ □ Qty._____</td>
</tr>
<tr>
<td>Security and site access control</td>
<td>□ Yes □ No □ What _____________ □ Qty._____</td>
</tr>
<tr>
<td>Road repair</td>
<td>□ Yes □ No □ What _____________ □ Qty._____</td>
</tr>
<tr>
<td>Medical Reserve Corps</td>
<td>□ Yes □ No □ What _____________ □ Qty._____</td>
</tr>
<tr>
<td>Transportation of victims</td>
<td>□ Yes □ No □ What _____________ □ Qty._____</td>
</tr>
</tbody>
</table>
RETURN OF DELEGATED AUTHORITY

TO COLORADO DIVISION OF FIRE PREVENTION AND CONTROL

Authority and responsibility for managing and controlling the ________ Fire burning within __________ County, Colorado, is hereby returned to Colorado Division of Fire Prevention and Control.

This transfer terminates the authority of the Incident Commander to obligate agency funds necessary to pay for controlling this fire, and terminates the Incident Commander's responsibility to manage the fire and resources assigned to the fire.

Other needs/constraints:

1. Promptly transition with in-coming and hold-over forces.

2. Briefing with new Incident Commander will be completed by effective date and time of this return as shown below.

3. Provide an IAP for next operational period upon request

4. 

This transfer is effective on ________________, 20____, at ____________.

(Date)           (Time)

____________________________  ______________________________
Incident Commander    Incident Agency Administrator
Colorado Division of Fire Prevention and Control
LOCAL DELEGATION OF AUTHORITY

As of (Date) ______________ (Time) _________, Sheriff Joe Pelle has delegated authority and responsibility of managing the ______________________________ Fire, burning in Boulder County within the ______________________________ Fire Protection District(s), to Incident Commander ________________ and his Incident Management Team.

This delegation includes the authority to obligate agency funds necessary to pay for controlling this fire. It also includes the responsibility to contain the fire as rapidly as possible in a safe and cost-effective manner.

As Incident Commander, you are accountable to Boulder County for the overall management of this incident including its control and return to local forces. You are expected to adhere to relevant and applicable laws, policies, and professional standards.

The considerations for management of this fire are:

11. The Agency Administrator is Sheriff Joe Pelle and the Agency Representative(s) will be __________________________________________________________________________

12. Evacuations and closures will be managed by the Boulder County Sheriff’s Office

13. Media and public information will be managed by Boulder County and your management organization is required to participate in the established joint information system.

14. It is preferred that local logistical resources are considered first when ordering.

15. The incident priorities include; __________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________

16. In the event of a transition to another management organization or jurisdiction, your team will provide the most accurate and current information found in section H of this packet.

17. ______________________________________________________________________________________

18. ______________________________________________________________________________________

19. ______________________________________________________________________________________

Delegated by:

Printed Name & Title  Agency Administrator Signature  Date  Time

Acceptance by:

Printed Name & Title  Incident Commander Signature  Date  Time
LOCAL TURN BACK STANDARDS

These standards are provided in consideration for the concerns within the entire fire area. All agencies having jurisdictional responsibly have agreed to the following;

Fire Status

Standard for release is 100% controlled, perimeter will hold under all conditions, with suppression effort reduced to a level which can be managed by a Type 5 organization.

Mop up Standards

Mop up will be completed so that all areas of heat within 100 feet of the fire perimeter and existing structures have been extinguished. Due to risk exposure and detection capabilities, areas of heat that do not threaten the line may still be present. A map will be provided identifying areas where recent mop up has occurred.

Special Emphasis Areas

☐ ........................................................................................................................................
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□
LOCAL RETURN OF DELEGATION AGREEMENT

As of the date identified on the signature page, management of the ___________________ Fire is delegated back to the _________________________________ as a Type 5 complexity level incident. You have full authority and responsibility for managing the fire within your jurisdiction using the framework of laws, agency policy, and agency administrator direction.

Priorities
1. Protection of human life.
2. Protection of human improvements (structures) and natural resources.
3. Consideration for needs of the local residents and communities.

Management Objectives
1. Life safety shall take priority over acres burned in the strategic and tactical decisions.
2. Maintain or enhance relationships with private landowners, other agencies and elected officials as appropriate.
3. Provide access and support for rehabilitation efforts to natural resources

Planning
1. Limit number and duration of area closures. Maintain appropriate public access where the public is not at risk from fire operations and rehabilitation.

Operations
1. Structure protection is primarily the responsibility of the local jurisdiction.
2. Initial attack responsibility is restored to normal operating procedures.
3. The Boulder County Sheriff’s Office Fire Duty Officer and Fire Management Program will provide mutual aid assistance at the discretion of the Chief or designee for public safety response.

Information
1. Provide for public information as appropriate or required.

End State: Continue to patrol and mop up the fire area. Provide for a date and time for the fire to be called officially “out”. Support natural resource rehabilitation efforts across the entire fire area.

Effective date and time

This return delegation becomes effective at ______ hours on __________ (Date)

Jurisdictional Authority

Boulder County Sheriff’s Office Designee
# APPENDIX

## AIR RESOURCE ORDERING WORKSHEET

1. **Air Resource Requested**
   - □ Single Engine Air Tanker
   - □ Air Tanker 1 2 3
   - □ Helicopter 1 2 3
   - □ MMA
   - □ COANG Blackhawk Chinook
   - □ VLAT
   - □ Other

2. **Fire Location**
   
<table>
<thead>
<tr>
<th>Latitude</th>
<th>Longitude</th>
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</table>

3. **Ground Contact Frequency**
   - □ AG9 166.9125 (Primary)
   - □ AG58 169.0875
   - □ VFIRE21 154.280 156.7 tx guard

4. **Ground Contact Identifier**
   
   ____________________________________________

5. **Flight Hazards**
   
   ______________________________________________________

6. **Fire Name**
   
   ______________________________________________________

7. **Person authorizing the order:**

   FIRE MANAGEMENT (FDOs)
   McKinney 6561      Koretz 6564      Buchanan 6563

   BOULDER COUNTY SHERIFF’S OFFICE
   Booton 1590      Rosales 1593      Pelle 501      Sloan 502      Sullenberger 503
   Prentup 504      Williams 507      Wagner 509      Cullen 510      Parker 512
   Enholm 511      Goldberger 508

   OFFICE OF EMERGENCY MANAGEMENT
   Chard      Danzl      Notbohm      Bukartek

**Contacts:**

- □ Fort Collins Interagency Dispatch Center 970-295-6800
- □ Colorado Air National Guard (Immediate Response Authority) 720-250-1290 /720-250-1623
- □ Flight For Life-Fire Watch (Recon and lightning detection) 720-321-3900
- □ DFPC Multi-Mission Aircraft (MMA) 720-749-7685
ESCALATING INCIDENT PRE-ORDER

Aviation

- 1 Air Attack
- 2 SEATS
- 1 Type 1 Heavy Air tanker (ETA >4hrs exchange for 2 Type 2 Air tankers)
- 2 Type 2 Helicopters (ETA >2hrs exchange each for 1 Type 1 Helo or 2 Type 3 Helos)
- 2 Type 1 Helicopter or Helitanker (ETA >4hrs exchange each for 2 Type 2 Helo)

Ground Resources

- 4 Type 1 Hand crews – IHC’s (UTF then fill with 2 Type 2IA Hand crews)
- 4 Type 2IA or Type 2 Hand crews (UTF then fill every 2 T2IA Hand crews with 1 T1 IHC)
- 2 Fire Dozers with qualified operators (any type)
- 10 Type 6 Engines
- 10 Type 3 Engines
- 5 Water Tenders (any type)

Overhead

- 4 DIVS
- 4 TFLD
- 2 SOFR
- 2 HEQB
- FSC (any type)

Medical

- 2 ALS Ambulances

Logistics

- 1 Fuel Tender – Unleaded
- 1 Fuel Tender – Diesel
- 150 MREs
- 20 cubies/20 cases bottle water
- 1 Camp crew/jail crew
### LOCAL INCIDENT COMPLEXITY ANALYSIS

#### CURRENT INCIDENT TYPE

1. Fixed wing and helicopters both involved.
2. More than one fuel type involved.
3. Extended exposure to risk
4. Hazardous line conditions.
5. Serious accident or fatality.

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<td>5</td>
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**Subtotal**

#### B. MULTIPLE OWNERSHIPS

1. Fire burning on more than one land ownership.
2. Multiple fire responsibility/authority.

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</table>

**Subtotal**

#### C. PERSONNEL AND OTHER RESOURCES COMMITTED

1. 150 or more people per shift.
2. Two or more divisions.
3. Multi-support agencies involved.
4. Local resources not available or in condition suitable for new initial attack.

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<th>Yes</th>
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</table>

**Subtotal**

#### D. CONTAINMENT COST

1. $10,000 or more per day.

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<th>Yes</th>
<th>No</th>
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</table>

**Subtotal**

#### E. FIRE BEHAVIOR

1. Flame length of 6 feet or greater.
2. Duration uncontrolled - 1 or more burning periods.
3. Severe or extremely variable topography.
4. 1 Hr. fuel moisture 5% or less.
5. Eye-level wind forecast greater than 10 mph.
6. Active crowning/spotting expected.

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<thead>
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<th></th>
<th>Yes</th>
<th>No</th>
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<td>5</td>
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</tbody>
</table>

**Subtotal**

#### H. WILDLAND URBAN INTERFACE

1. Residential homes
2. Utilities
3. Other developments and infrastructure.

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
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<tbody>
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<td>3</td>
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</tbody>
</table>

**Subtotal**

#### I. POLITICAL AND SOCIAL

1. Media interest
2. Evacuations
3. Sheltering required

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
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<td></td>
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</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Subtotal**
4. Multi-County

☐ Yes ☐ No

Subtotal

GRAND TOTAL (YES):__________

Total # of “Yes” answers:
0 - 4  Reinforced Attack
5 - 7  Type 3 Incident Management Team
8 - 13 Type 2 Incident Management Team
14+  Type 1 Incident Management Team

Recommended Management Level:

Type  1 ☐  2 ☐  3 ☐
## LOCAL AGENCY CAPACITY AND CAPABILITY ANALYSIS

### Resources

<table>
<thead>
<tr>
<th>Question</th>
<th>Current</th>
<th>Predicted</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the normal mutual aid network been fully implemented?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>2. Are all Jurisdiction resources committed/en route?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>3. Is air support required?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>4. Is the fire beyond the capability of Jurisdiction?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>5. Is there an inadequate water supply?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>6. Is there a need for county or state resources?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>7. Is the availability of additional resources hampering suppression efforts?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
</tbody>
</table>

### Risk Factors

<table>
<thead>
<tr>
<th>Question</th>
<th>Current</th>
<th>Predicted</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Is there a threat to public at large?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>2. Are structures threatened/involved?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>3. Are there unusually hazardous firefighting conditions?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>4. Is there an aviation resource safety problem?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>5. Are historical values at risk?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>6. Does the fire involve mixed land ownership?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
</tbody>
</table>

### Fire Situation

<table>
<thead>
<tr>
<th>Question</th>
<th>Current</th>
<th>Predicted</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are flame lengths in excess of 4 ft.?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>2. Is torching/crowning occurring?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>3. Is the 1000 hour fuel moisture below 12%?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>4. Is the fire burning in an extreme fuel type?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>5. Is the fire inaccessible by ground in one hour?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>6. Is the rate of spread beyond suppression capability?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
</tbody>
</table>

### Fire Weather

<table>
<thead>
<tr>
<th>Question</th>
<th>Current</th>
<th>Predicted</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Is wind a critical factor in fire behavior?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>2. Is temperature a critical factor in fire behavior?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>3. Is RH below 20%?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>4. Are there T-storms/fronts?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
</tbody>
</table>

### Other Considerations

<table>
<thead>
<tr>
<th>Question</th>
<th>Current</th>
<th>Predicted</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are there existing political problems?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>2. Are non-fire incidents occurring which have an impact on fire operations?</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
</tbody>
</table>

### Totals

<table>
<thead>
<tr>
<th>Current</th>
<th>Predicted</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(A)</td>
<td>(C)</td>
<td></td>
</tr>
<tr>
<td>(B)</td>
<td>(D)</td>
<td></td>
</tr>
</tbody>
</table>

*To be considered for County Assistance, questions must reflect a total local level commitment to the fire. Total of Columns A + C must be equal to or greater than 32 (67%).

_________________________ Date:__________

_________________________ Date:__________

Jurisdictional Authority Signature

Sheriff or Designee's Signature
Turn Back Standards

Suppression repair is the responsibility of the Incident Management Team (IMT). An inventory of ground disturbance from fire suppression activities will be tracked and documented on a map provided by the plans staff via GPS and GIS. This information will include items such as roads, constructed lines, water sources, spike camps, helispots, etc. and will include identified areas damaged during suppression activities (i.e. fences and roads needing repair, areas needing water bars, damaged culverts, water lines, as well as other range improvements, etc.).

Mop-Up Standards

1. For mop-up, limit exposure and associated risk by confining mop-up to the fire perimeter only. Mop-up only to a distance which minimized the potential for spread or spotting, by considering fuel height, slope, burn intensity (consumption), risk and exposure.

2. Fall only snags or trees which provide a source of fire spread, interfere with access, or pose an immediate hazard to firefighters or the public. Trees which are felled should be limbed unless they conflict with the above criteria.

3. For burned areas adjacent to homes and structures mop-up and remove fire related hazard within 300 feet if risk is acceptable.

Suppression Repair Guidelines

General

1. Suppression Repair is the work required to restore or mitigate impacts caused by firefighting actions, is funded by the fire job codes, and will be included in the cost share agreement.

2. All areas needing fire suppression repair work will be mapped and identified (as stated above).

3. Repair work will include disturbed areas such as: firelines, safety zones, drop points, camps, helicopter bases, water-drafting sites, and established roads that have been used as fuel breaks.

4. Remove signs, flagging, garbage, and other materials from all staging areas and drop points.

Fireline

1. Construct water bars at a 30 to 45 degree angle to the fireline.

2. Assure the down slope end of each water bar is open and has adequate length to prevent runoff from reentering the control line below.

3. On slopes less than 15%, space water bars every 100’. On slopes of 15-30%, space water bars 50’ apart and on slopes greater than 30%, space 25’ apart.

Roads and Culverts
1. Operations will check and map any culverts, other drainage structures, ditch lines, and roads damaged by suppression activities.

2. Repair any roads, culverts, other drainage structures, and ditch lines that have been impacted by suppression activity.

Special Emphasis Areas

1. Cultural Resources: Report and avoid any cultural resources discovered during suppression repair activities. No repair of mechanical or other human disturbances shall occur until the Resource Advisor (READ) has given clearance to do so. The READ will provide a map to the IMT of areas to protect (ATP’s).

2. Riparian zones: Repair areas and restore drainage where suppression activities impacted riparian zones, including crossings and water impoundments.