



City of Ketchum

### CITY COUNCIL MEETING AGENDA MEMO

Meeting Date:  Staff Member/Dept:

Agenda Item:

**Recommended Motion:**

**Reasons for Recommendation:**

- City staff is in the process of updating the overall flood plan which is organized for each department's tasks in the following phases:
  - Preparation
  - Response
  - Recovery
- Staff will review the attached presentation
- The city has initiated multiple public outreach efforts to raise awareness in the community of the flooding threat and proper precautions residents can implement. A community meeting has been scheduled on Tuesday, April 18<sup>th</sup> @ 6 PM in the Community Meeting Room with a National Weather Service Representative.

**Policy Analysis and Background (non-consent items only):**

**Sustainability Impact:**

Financial Impact:

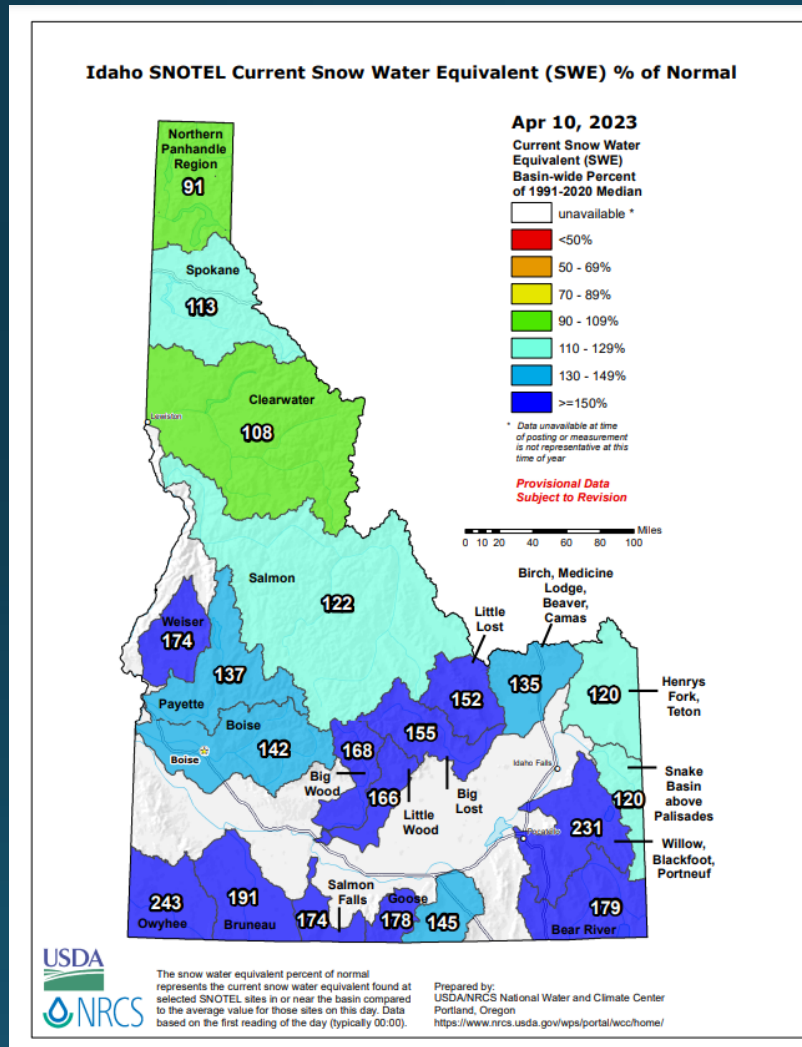
None OR Adequate funds exist in account:	City staff will code all hours worked and expenses to one charge account in the event an emergency declaration is executed in order to access FEMA funds.
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Attachments:

1. Draft staff presentation

# Flood Response

# Current Situation

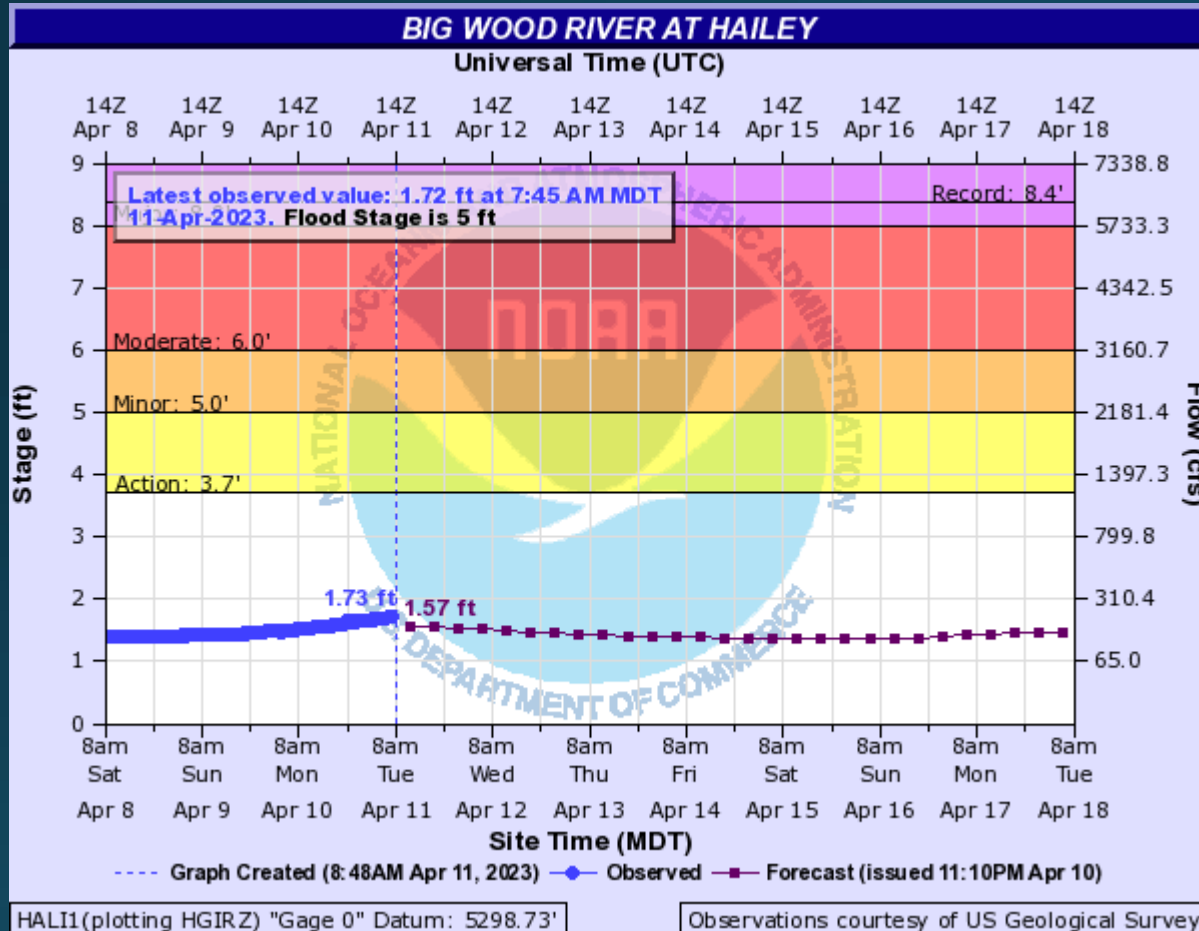


Snowpack is 68% above normal.

Recent warmer temperatures have started to improve situation.

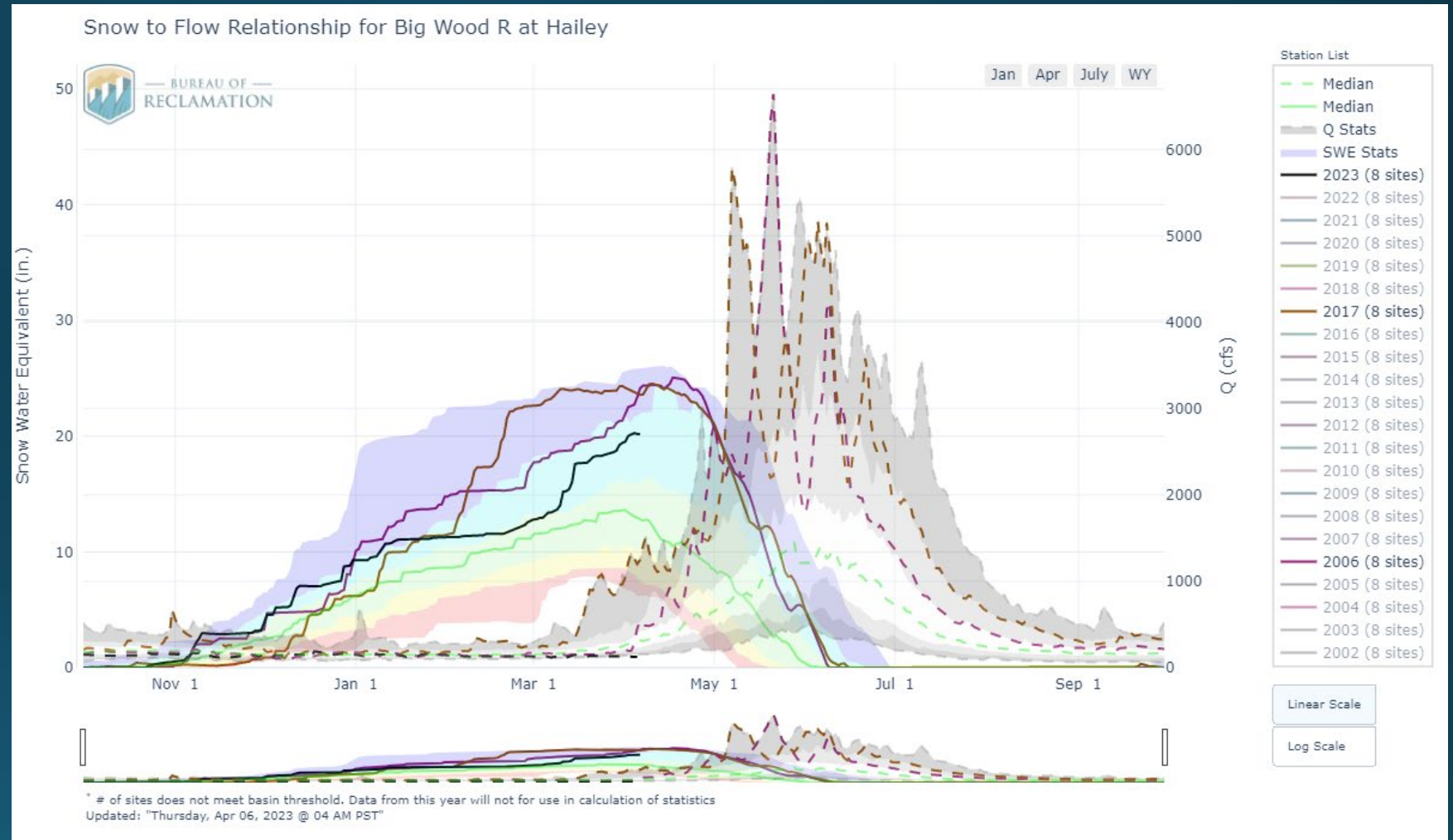
Looking forward temperatures are a moving target.

# Current Conditions



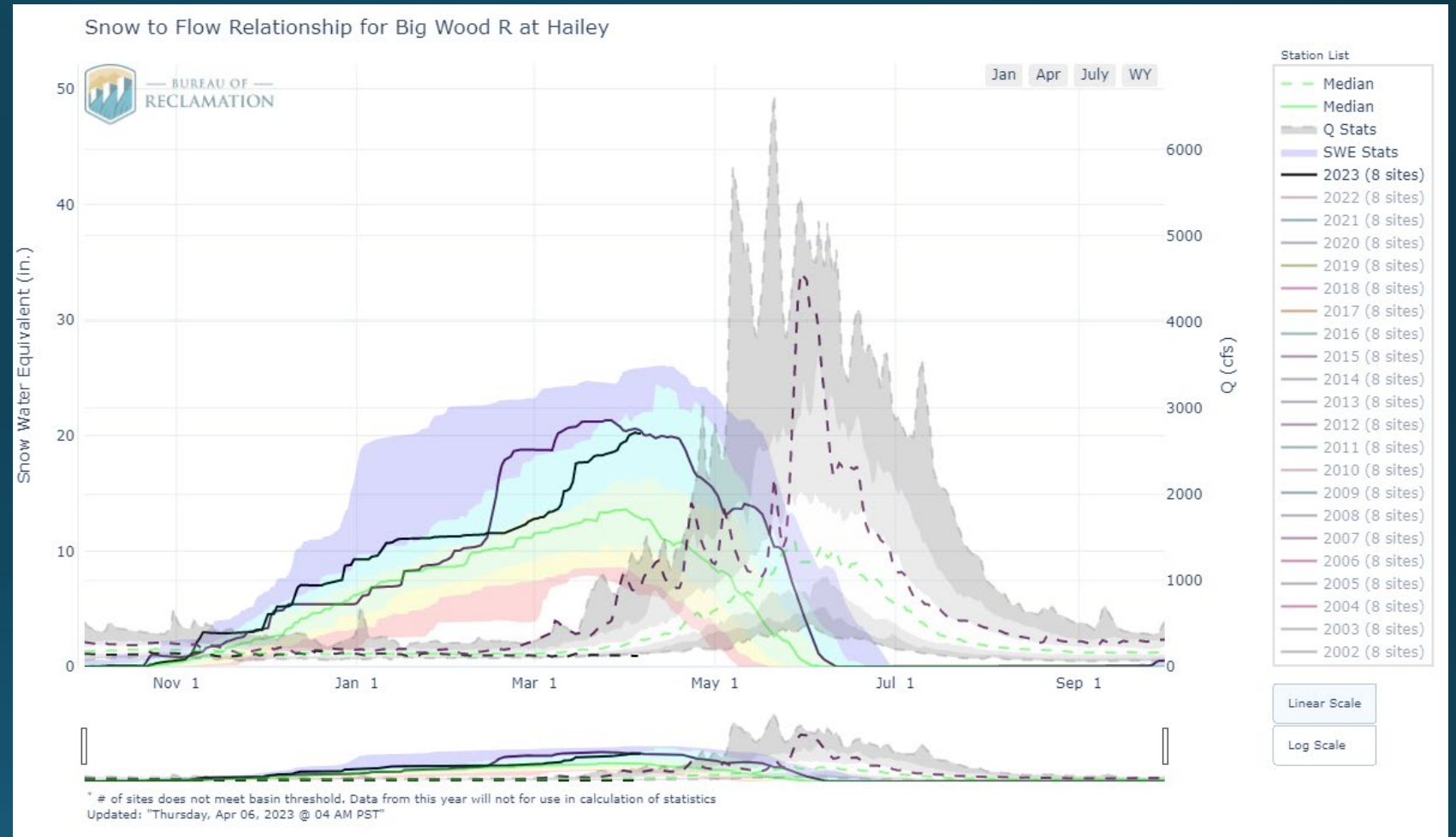
Flows have increased slightly with current warming but remain low

2023 (in black)  
compared to  
2017 (in brown)  
2006 (in purple)

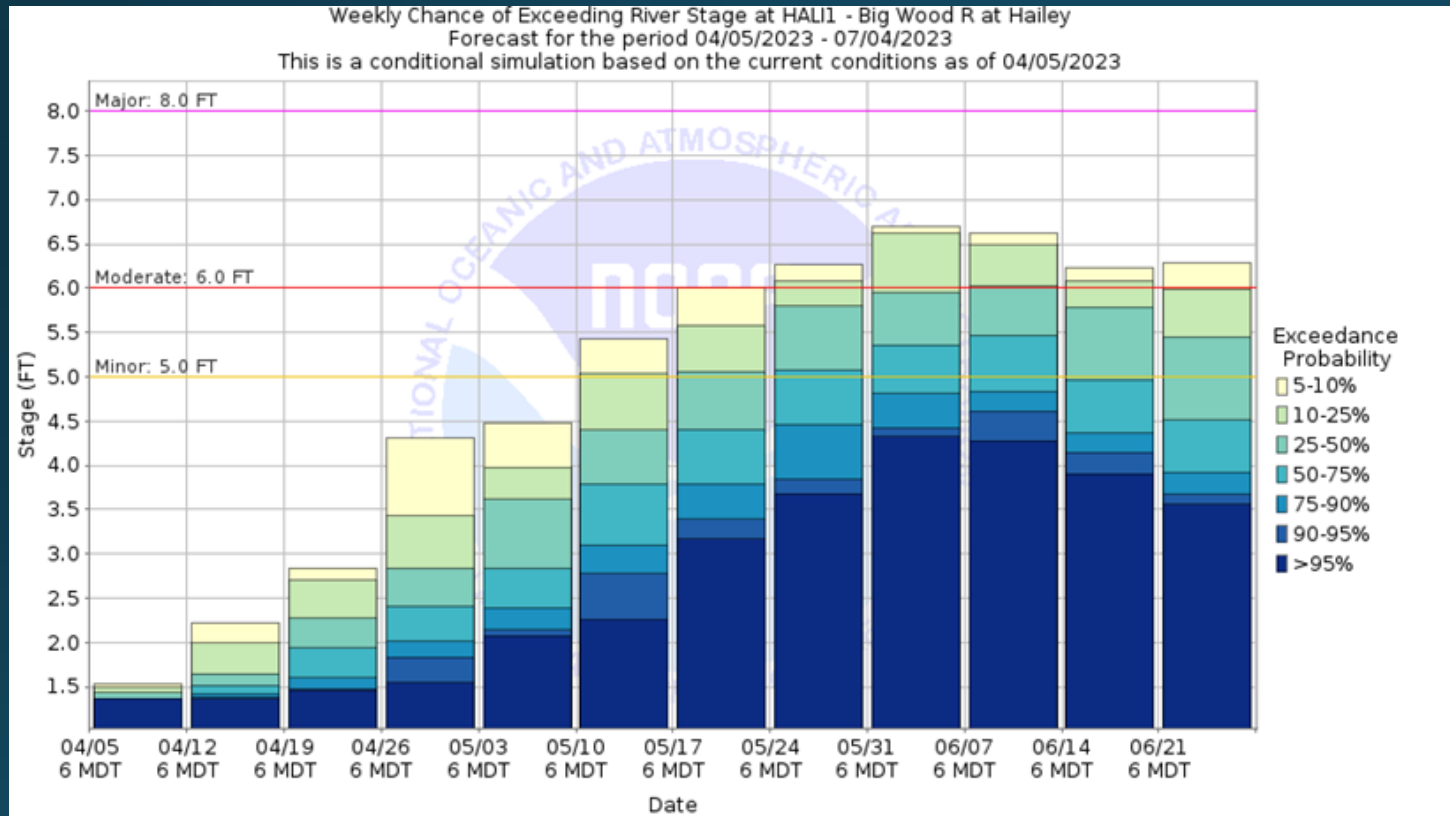


Four years with similar snowpack

Flooding occurred in one of those years



# Probability as of April 10<sup>th</sup>



5/10 – 10%

5/17 – 25%

5/24 – 50%

5/31 – 70%



A vertical teal bar on the left side of the slide.

# INCIDENT COMMAND SYSTEM

## OVERVIEW



## 1970 Fire Season

- Multiple agencies responding without common terminology or communications.

# Four Fundamental Principals

**Commonality and uniformity** between responding agencies will improve response performance.

- Timely, accurate, and **complete information** is paramount for effective crisis management.

Incident management procedures that are designed to integrate and support a **regional coordination** system will improve crisis management performance.

- **Modern technologies** can be effectively integrated into the Fire Service to improve response performance.

# Today's Modern ICS Components

Common operating system

Common terminology

Accountability

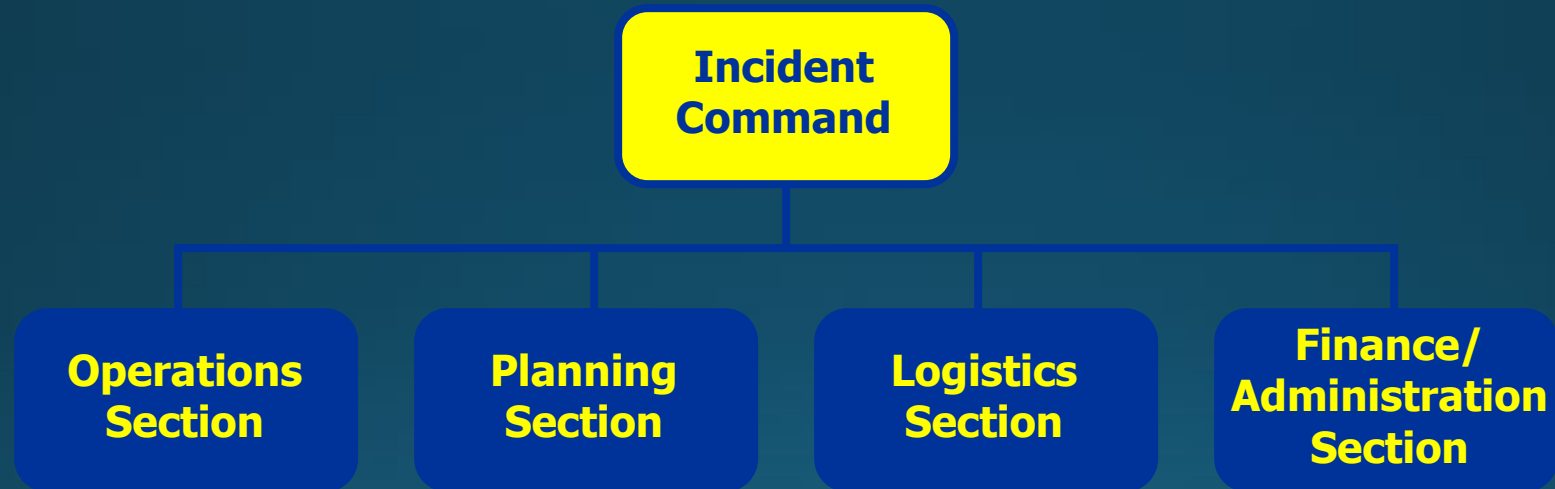
Common communications

Tracking

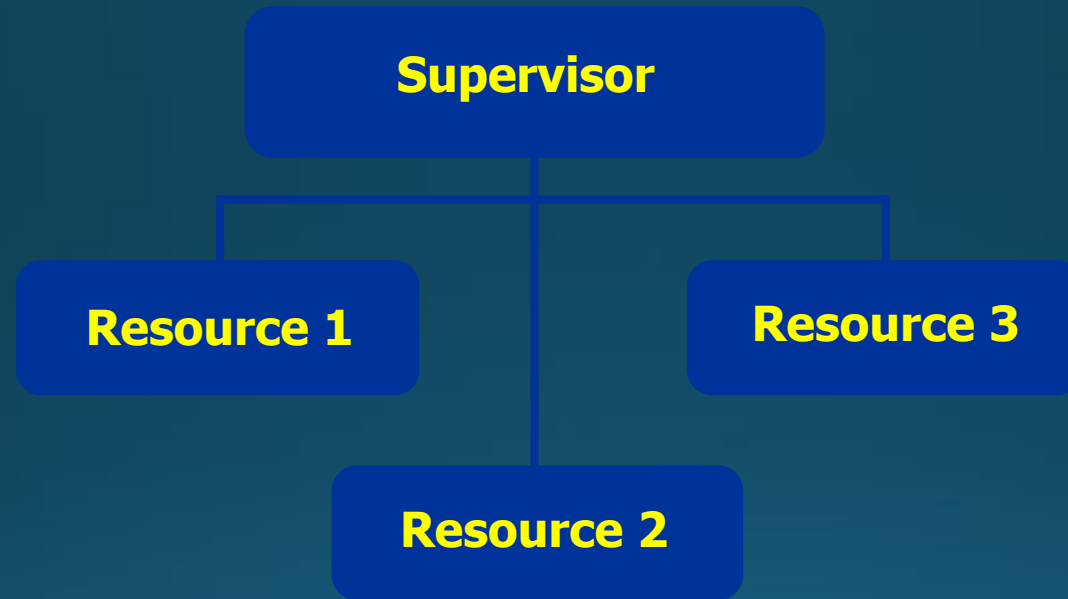
# ICS is used for All Hazard Response



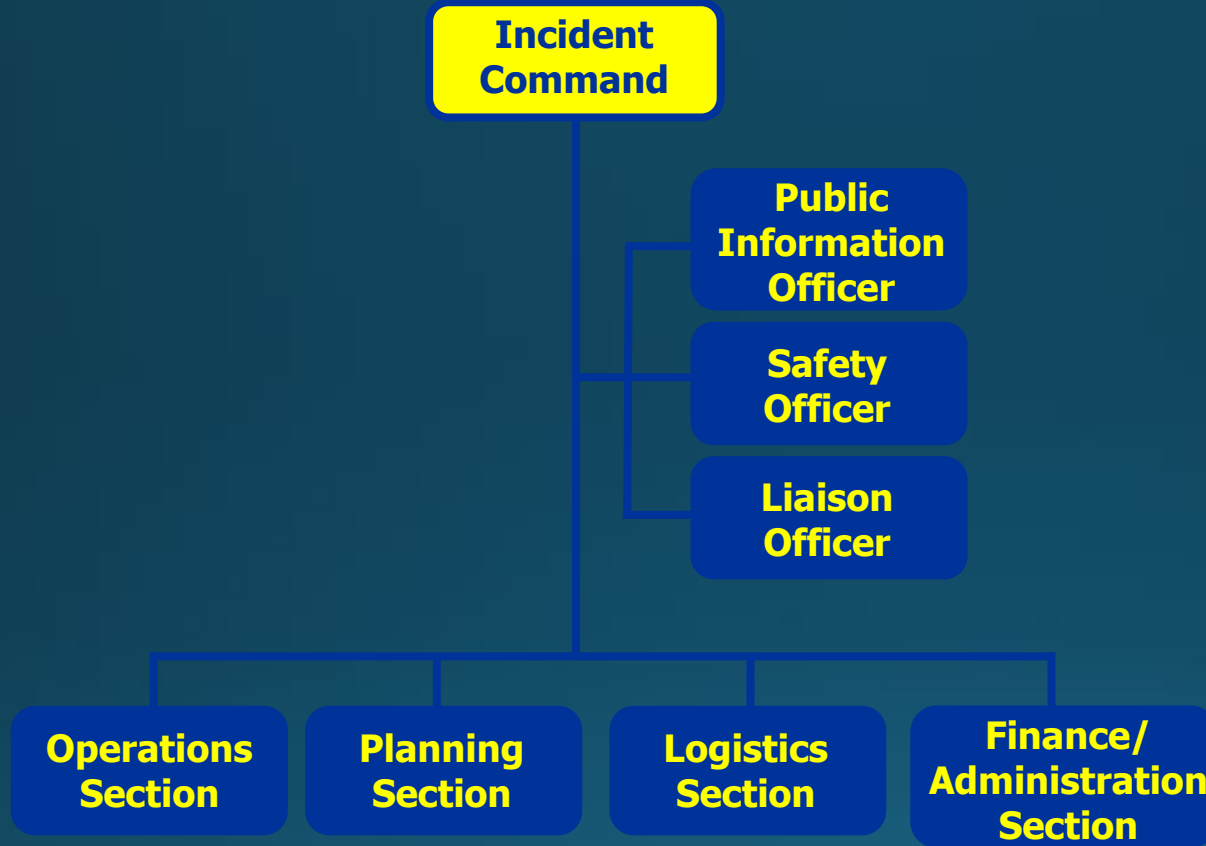
# Five Major Management Functions



# ICS Span of Control

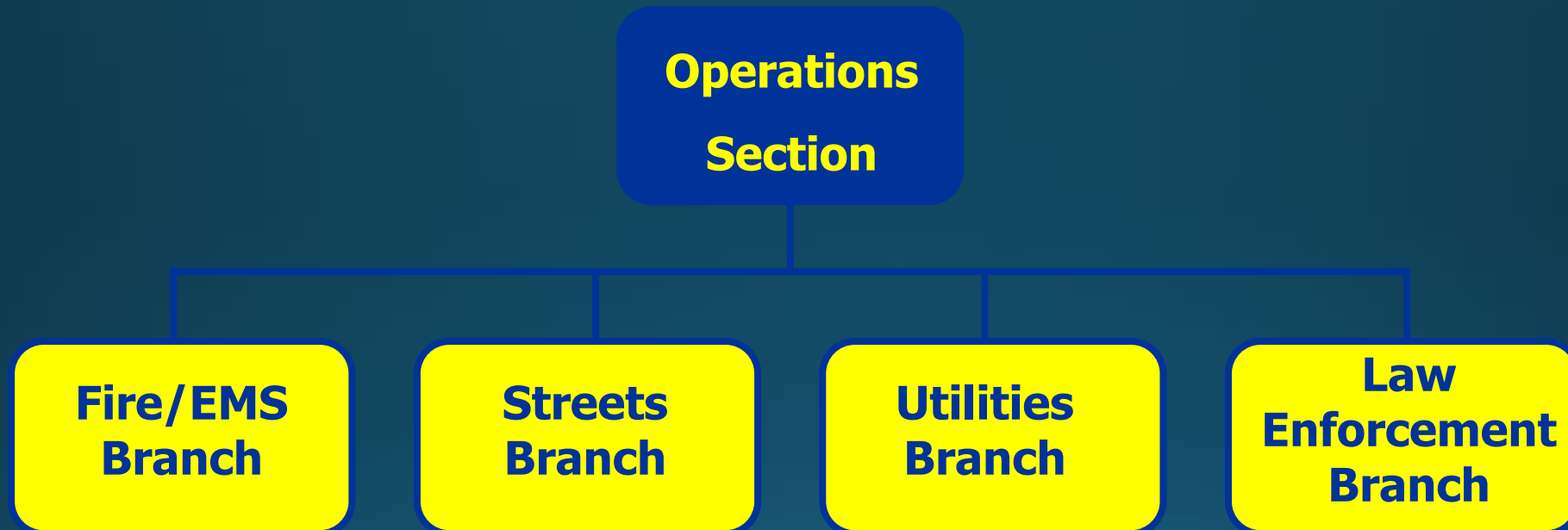


# Expanding the Organization





# Operations Section



# Planning Section



Situation Status



Maps



Resource Tracking



Weather Forecasts



IAP development

# Logistics Section



Orders outside resources



Logistical support for responders

# Finance Section



Time keeping for personnel and equipment



Documenting and processing claims



Tracking costs

CoK  
Coordinated  
Response



# Ketchum Flood Planning

Preparedness

Response

Recovery

# Example: Streets Dept

## Preparedness

- Maintain stockpile of bags and sand

## Response

- Barricade closed streets

## Recovery

- Repair or replace damaged culverts

# City Philosophy during Flooding Event

The City will respond to emergencies involving life safety with a response from the Fire Department.

The City will utilize City Departments, as needed, to protect City property and infrastructure.



# Policies

## Protection of Private Property



City will provide sandbags, when available

Filling and placement owner's responsibility

City will not sandbag private homes and businesses

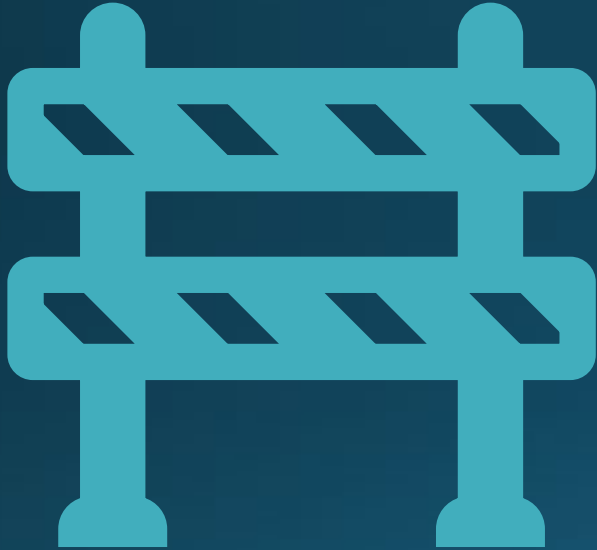


City will not provide pumping



Floodwaters cannot be diverted onto public roads without written permission from City

# Policies - Evacuation



- Levels
  - Pre-evacuation.
  - Limited – allow residents and contractors?
  - Mandatory – Adults can stay “at own risk”.

# Policies - Utilities



City may shut off water and sewer to affected areas.



City may request shutting off gas and electric to affected areas.

### INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b> Ketchum Flooding Preparedness	<b>2. Operational Period:</b>	Date From: 4/4/2023 Time From: HHMM	Date To: 4/11/2023 Time To: HHMM															
<b>3. Objective(s):</b> <ol style="list-style-type: none"><li>1. Monitor weather, snowpack and stream flows for potential of flooding.</li><li>2. Inform public of possible flooding locations.</li><li>3. Review flood plans and update.</li><li>4. Evaluate supplies (sand, sandbags, etc.) and order as needed.</li><li>5. Confirm all contacts for assisting agencies and contractors.</li></ol>																		
<b>4. Operational Period Command Emphasis:</b> <p>Current emphasis is on preparedness for possible event within the next 60 days.</p> <p>Past flood events have occurred between early May and mid June.</p>																		
<b>General Situational Awareness</b> <p>Big Wood River snowpack is at 157% of normal. Snowpack at higher elevations (Galena) is above normal but well below record levels. Snowpack at lower elevations (Chocoalte Gulch) is near record levels for this date. Peak snowpack at Chocolate Gulch is normally around this date. Peak snowpack for Galena is normally around April 30.</p> <p>Weather is colder than normal, but expected to warm by Saturday, 4/8/2023. Highs are forecast in the mid to upper 50's and lows will be around freezing.</p>																		
<b>5. Site Safety Plan Required?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>Approved Site Safety Plan(s) Located at:</b> _____																		
<b>6. Incident Action Plan</b> (the items checked below are included in this Incident Action Plan): <table><tr><td><input type="checkbox"/> ICS 203</td><td><input type="checkbox"/> ICS 207</td><td><u>Other Attachments:</u></td></tr><tr><td><input type="checkbox"/> ICS 204</td><td><input type="checkbox"/> ICS 208</td><td><input type="checkbox"/> _____</td></tr><tr><td><input type="checkbox"/> ICS 205</td><td><input type="checkbox"/> Map/Chart</td><td><input type="checkbox"/> _____</td></tr><tr><td><input type="checkbox"/> ICS 205A</td><td><input type="checkbox"/> Weather Forecast/Tides/Currents</td><td><input type="checkbox"/> _____</td></tr><tr><td><input type="checkbox"/> ICS 206</td><td><input type="checkbox"/> _____</td><td><input type="checkbox"/> _____</td></tr></table>				<input type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 207	<u>Other Attachments:</u>	<input type="checkbox"/> ICS 204	<input type="checkbox"/> ICS 208	<input type="checkbox"/> _____	<input type="checkbox"/> ICS 205	<input type="checkbox"/> Map/Chart	<input type="checkbox"/> _____	<input type="checkbox"/> ICS 205A	<input type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/> _____	<input type="checkbox"/> ICS 206	<input type="checkbox"/> _____	<input type="checkbox"/> _____
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