



BRITISH
COLUMBIA

The top of the slide features a background image of the British Columbia flag (a red saltire on a white field with a gold crown) and a scenic landscape of mountains and a bay at sunset.

Emergency Management BC Overview

**Cariboo Chilcotin Tourism Association
2018 Rural Tourism Symposium
April 13-15, 2018**



Emergency
ManagementBC



Provincial Emergency Management Structure



EMBC Mission



To **lead** the management of provincial level emergencies and disasters and **support** other authorities within their areas of jurisdiction



BCEMS Response Goals & Priorities

1. Ensure the Health and Safety of Responders
2. Save Lives
3. Reduce Suffering
4. Protect Public Health
5. Protect Infrastructure
6. Protect Property
7. Protect the Environment
8. Reduce Economic and Social Losses

EMBC - Our Regions

EMBC Region
Names and
Regional Office
Locations

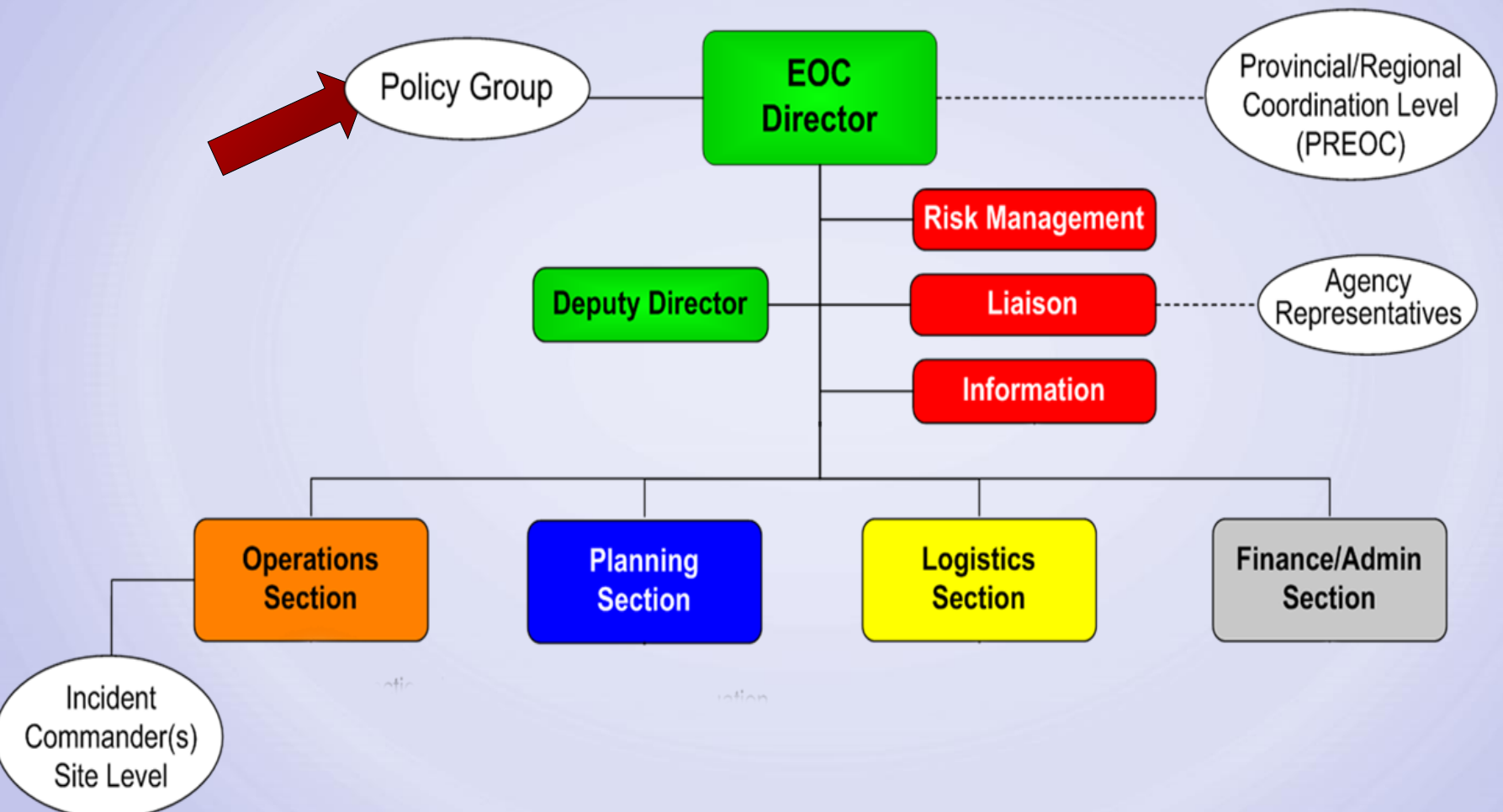


Activation Levels



ACTIVATION LEVEL	EVENT/SITUATION SUMMARY	
1	Emergency Program staff providing support to site in support of emergency operations.	
	<u>Potential threat/monitoring:</u> <ul style="list-style-type: none"> ▪ flood ▪ severe storm ▪ interface fire 	<u>Small event/one site:</u> <ul style="list-style-type: none"> ▪ 2-3 agencies involved ▪ small-scale evacuation alert
2	EOC Facility is activated where the scope and complexity of event requires additional personnel to fulfill the functions required.	
	<u>Moderate event:</u> <ul style="list-style-type: none"> ▪ two or more sites ▪ several agencies involved ▪ additional resources/support required 	<ul style="list-style-type: none"> ▪ evacuations ▪ major scheduled event (e.g., conference or sporting event)
3	Expanded activation of the EOC, with multiple branches and units. Enhanced staffing required, mutual aid, etc.	
	<u>Major event:</u> <ul style="list-style-type: none"> ▪ multiple sites ▪ multiple jurisdictions ▪ multiple agencies 	<ul style="list-style-type: none"> ▪ large scale/multiple evacuations ▪ extensive resources/support required

Site Support EOC Organizational Structure



Local Authority Emergency Operations Centre (EOC)



EOC Responsibilities During Operation

- To support an incident site and coordinate and manage all non-site activities
- Policy direction and support
- Information collection, evaluation and display
- Prioritization of resources if multiple sites
- Resource management
- Public information and warning

Provincial Regional Emergency Operations Centre (PREOC)



PREOC Responsibilities During Operation

- Provides emergency response services where incidents cross local authority boundaries or where local authorities require support
- Manages regional and agency support to a response
- Where no local authority exists directly manages the response
- Prioritizes the deployment of critical regional resources
- Requests resources from the PECC whenever resources are not available within the region

Provincial Emergency Coordination Centre (PECC)



PECC Responsibilities During Operation

The top of the slide features a decorative banner. On the left, the flag of British Columbia is displayed, showing its characteristic red and white saltire on a blue field with a gold crown at the center, and a gold wreath at the bottom. To the right of the flag is a scenic view of a coastal landscape at sunset or sunrise, with mountains in the background and a body of water in the foreground.

- Manages overall provincial government response and prioritizes government objectives in response to requirements of the other levels
- Provides policy direction
- Supports PREOC(s) by managing provincial support to the regional levels
- Implements the BC Emergency Public Information Plan
- Facilitates the acquisition of federal disaster support through Public Safety Canada

TEAMS

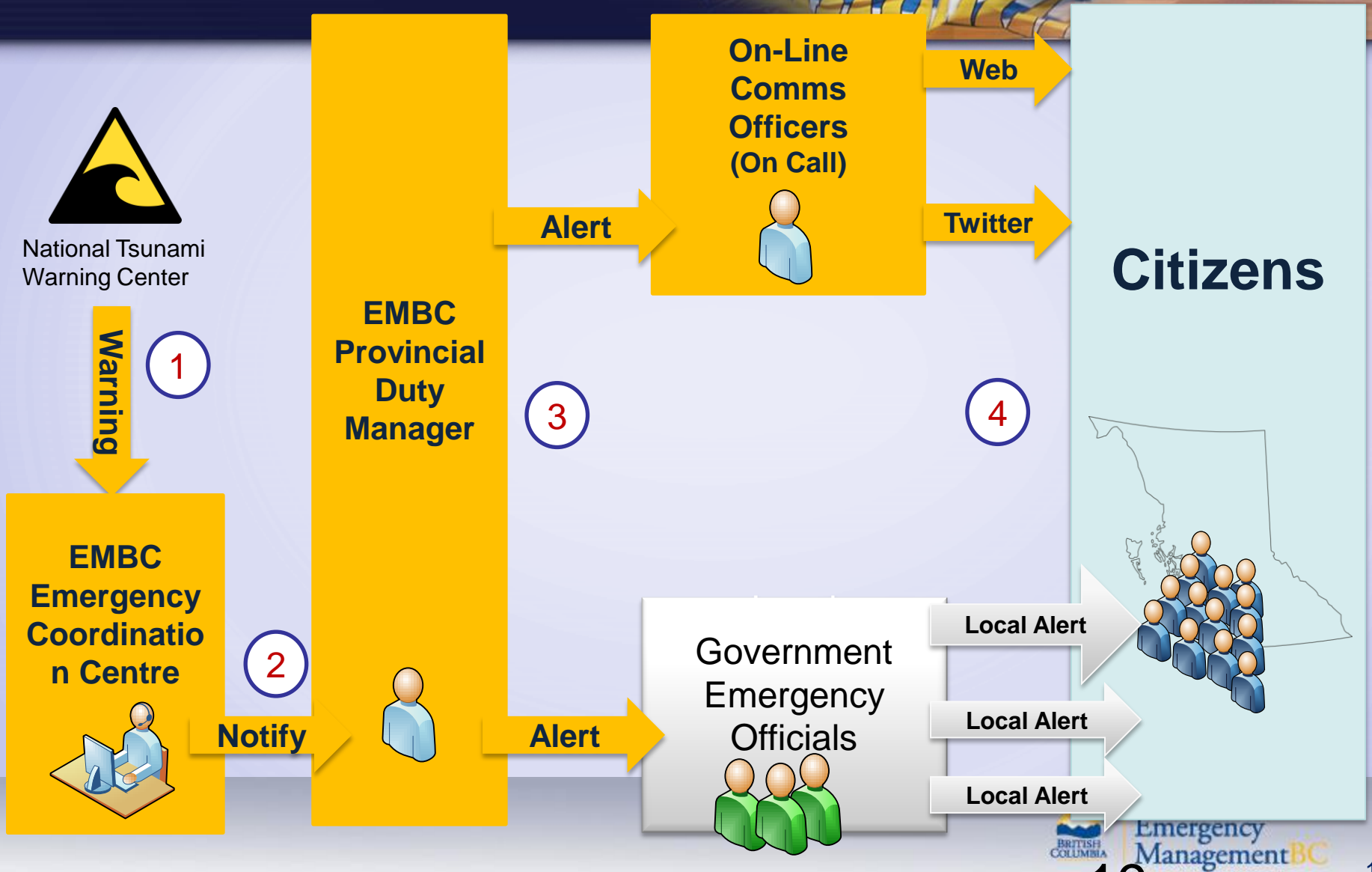
TEAMS is a staffing system that maintains a resource pool of highly skilled provincial employees from various ministries who train regularly and have the appropriate skills and experience to manage Provincial Regional Emergency Operations Centres.



Provincial Emergency Notification System (PENS)

- Emergency notification function to alert Local Authorities, First Nations and other key stakeholders
- Currently used exclusively to notify of a potential tsunami
- Technology and processes were outdated
- PENS Renewal project was initiated June 2014 and completed March 2015

“New” Current System



Online Communications Officers Role

EmergencyInfoBC – WordPress site and Twitter

Emergency Info BC @EmergencyInfoBC · Jan 23
If you are in a #tsunami warning area, move out of the water, off the beach & away from harbors, marinas, breakwaters, bays & inlets. Follow instructions from your local emergency officials because they may have more detailed or specific information for your location.

Emergency Info BC @EmergencyInfoBC · Jan 23
#tsunami warning for BC notification zones A, B, C & D. More information from Environment Canada: ow.ly/ftoi30hWAZ2

GET INFORMED - TYPES OF ALERTS		GET INVOLVED - KNOW YOUR ZONES
WARNING	FLOODS BECOME POSSIBLE	FULL EVACUATION SUGGESTED
ADVISORY	STRONG CURRENTS LIKELY	STAY AWAY FROM THE SHORE
WATCH	CHANGING LEVELS NOT YET KNOWN	STAY ALERT FOR MORE INFORMATION
INFORMATION STATEMENT	MINOR WAVES AT MOST	NO ACTION RECOMMENDED
CANCELLATION	TIDAL GAUGES SHOW NO WAVE ACTIVITY	CONFIRM SAFE OF LOCAL AREA

Emergency Info BC @EmergencyInfoBC · Jan 23
REMINDER: please don't call 911 for info/updates on the #tsunami warning. Check your local gov't websites, social media channels, etc for info specific to your community.

Emergency Info BC @EmergencyInfoBC · Jan 23
Check your local gov't websites, social media channels, etc for info specific to your community. If necessary, they will activate their emergency plans & keep residents informed. #tsunami #BC

Emergency Info BC @EmergencyInfoBC · Jan 23
#Tsunami Warning previously issued for coastal areas of #BC has been CANCELLED. Continue to listen to instructions from local officials until the ALL CLEAR has been issued in your community.

Emergency Coordination Centre (ECC)

- 160,000 calls
- 24/7 operation 365 days/year
- 6800 emergency incidents
- 1700 road rescues
- 1300 search and rescues



Public Safety Lifeline Volunteers

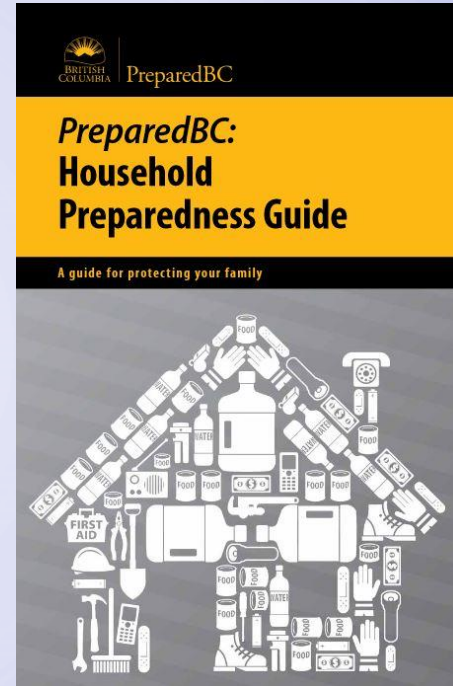


- 13,000 volunteers!
- Search and Rescue
- Emergency Radio
- Emergency Social Services
- PEP Air
- Road Rescue
- General Service

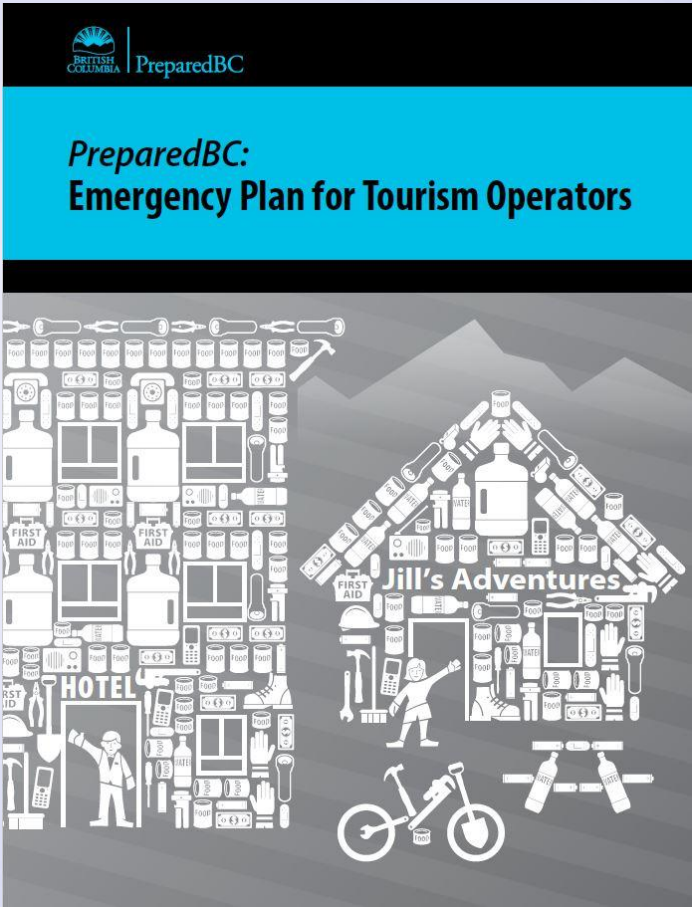
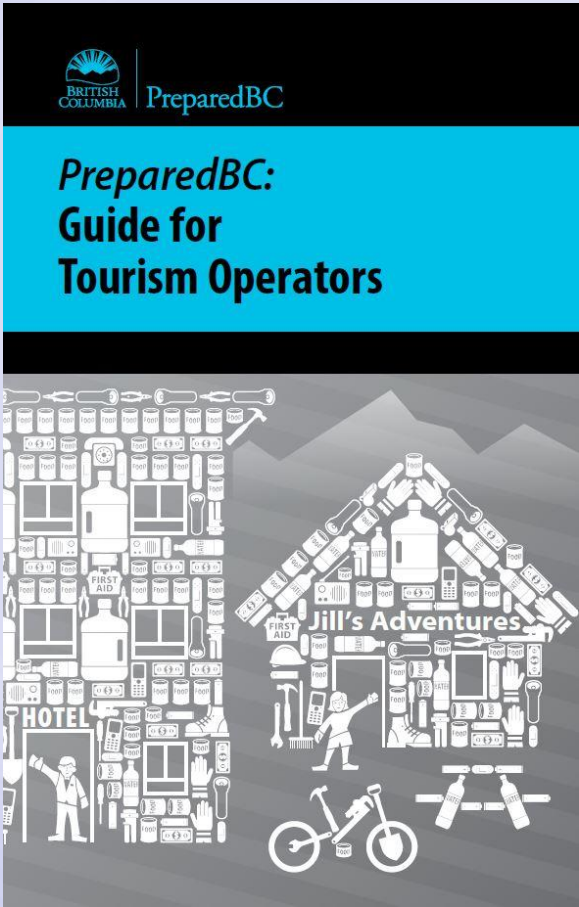


Public Education

- Developed in consultation with Local Authorities
- New public education materials:
 - Earthquake and Tsunami Smart Manual
 - Neighbourhood Preparedness Guide
 - Household Preparedness Guide
 - DIY Emergency Plan
 - Emergency Kit Card



Preparedness Resources



Community Recovery

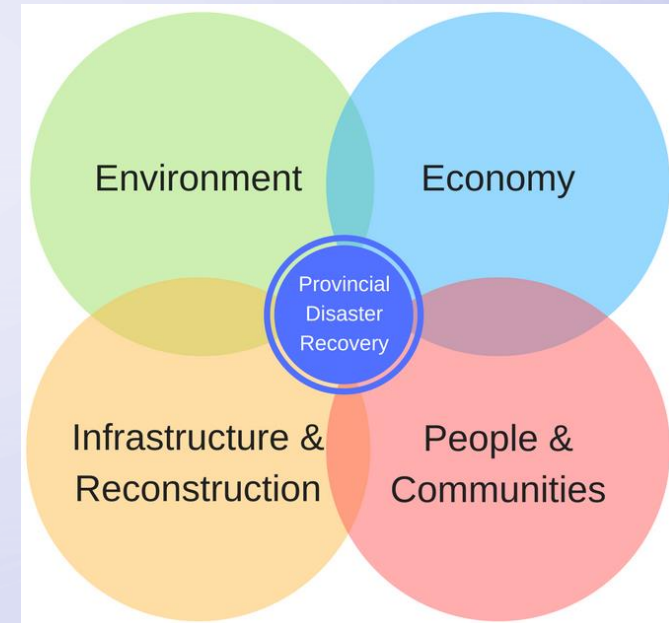
Due to the extraordinary circumstances surrounding the 2017 freshet and wildfire season, an expanded approach to community recovery was identified to support four fundamental spheres: People & Communities; Economy; Environment; and Infrastructure & Reconstruction.

Provincial Disaster Recovery objectives:

Support local authority and First Nations

Community-led recovery

- Provide a coordinated provincial government approach to recovery
- Develop an all-hazard, integrated Provincial Disaster Recovery **Framework**
- Build on existing community recovery guidelines such as in the **British Columbia Emergency Management System (BCEMS)**



Summer 2017 Response Overview



*Credit: Salmon Arm Observer

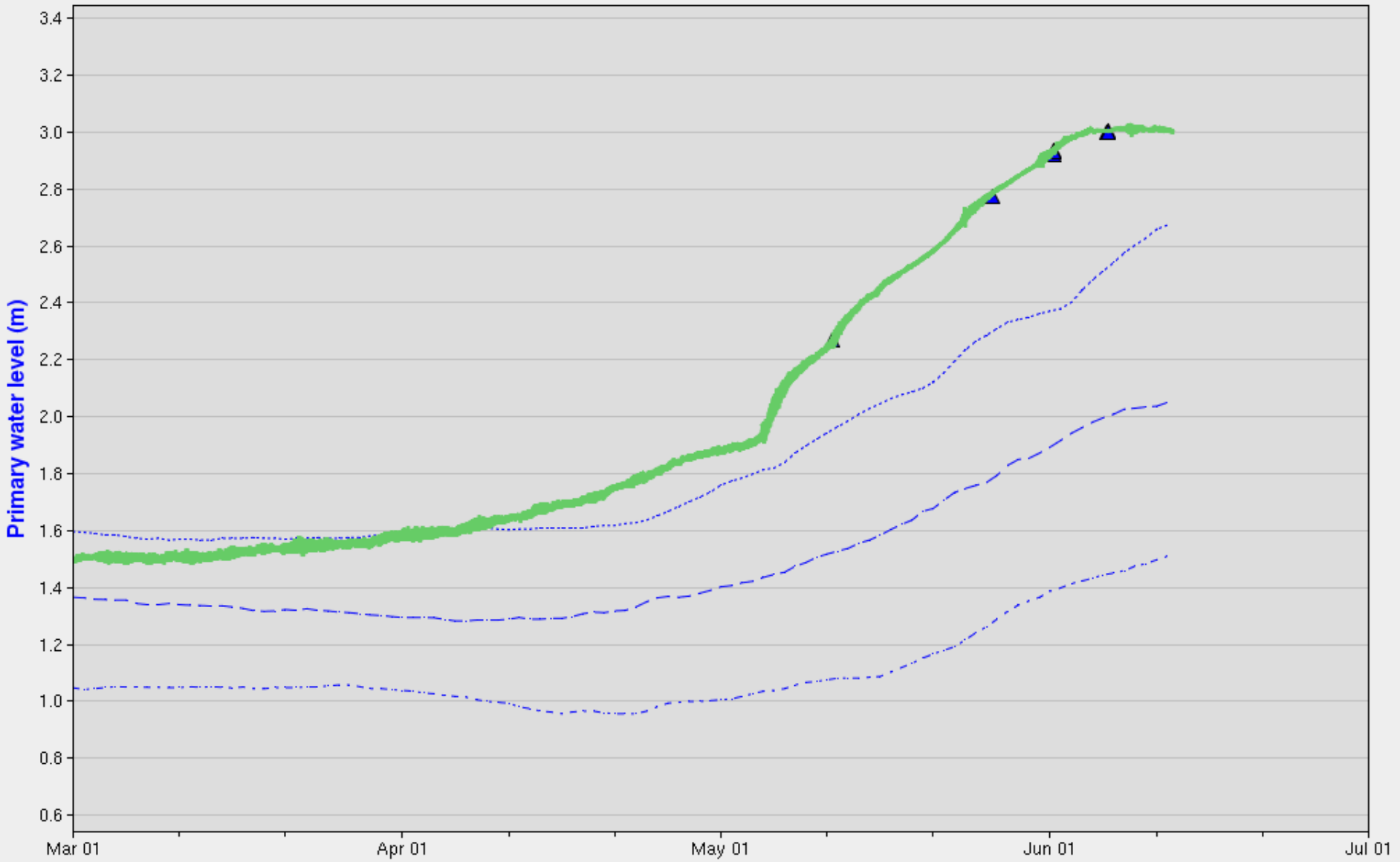
*Credit: Canadian Press

*Credit: Canadian Press



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Primary Water Level Approved (100% Quality Controlled) Primary Water Level Provisional (subject to change) Maximum (Primary water level)
Minimum (Primary water level) Median (Primary water level) Stage Measurements



Okanagan Lake Levels

Date & Time in PST



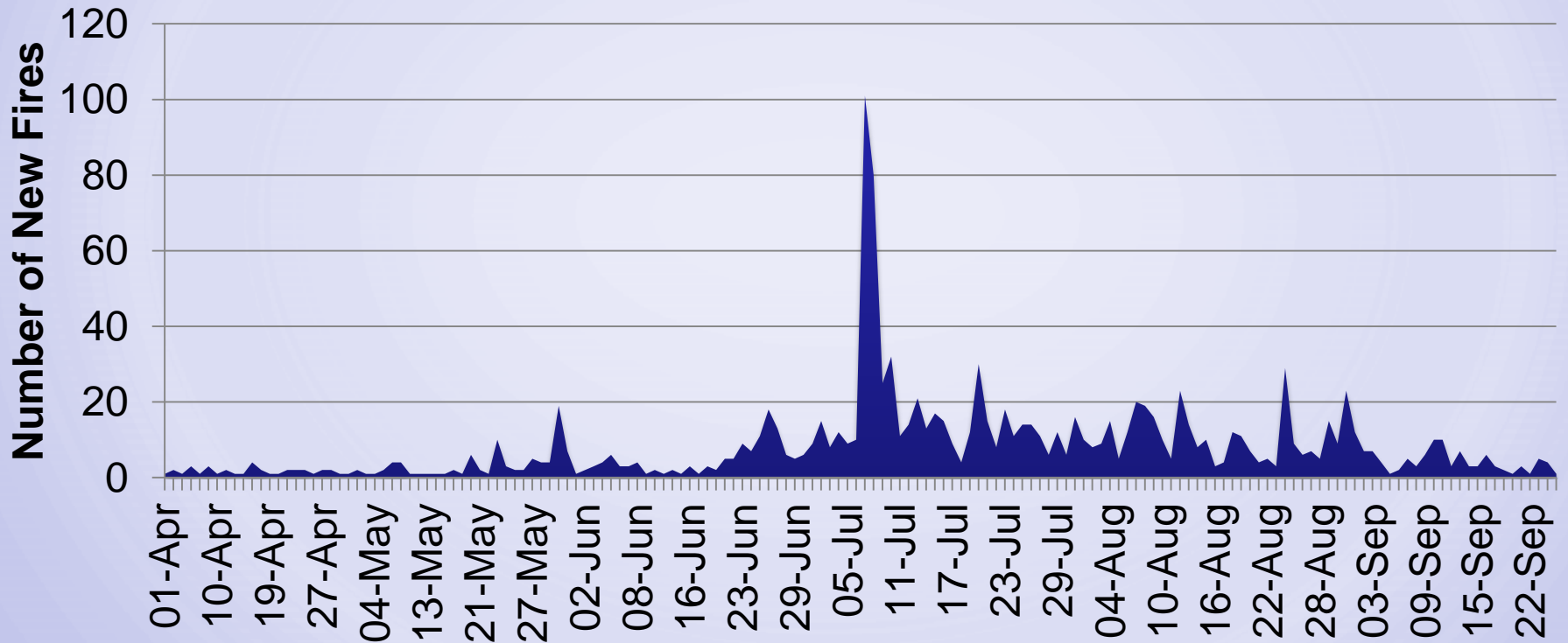
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\$72,977,000 spent
on Freshet Response and Recovery Activities

Fire Starts per day

The 2017 season was set into motion on July 7, when 101 fires started that day alone. Another 80 started on July 8.





\$558,000,000 spent
on wildfire suppression



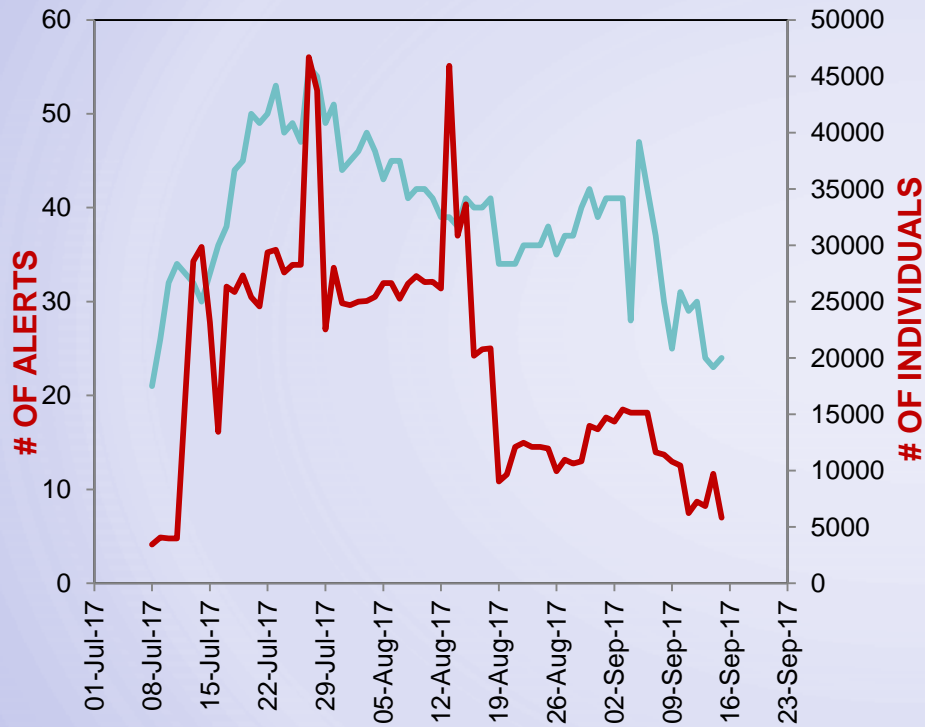
65,000 people displaced
by wildfires in the Cariboo and Southern Interior

*Image credit: Global News

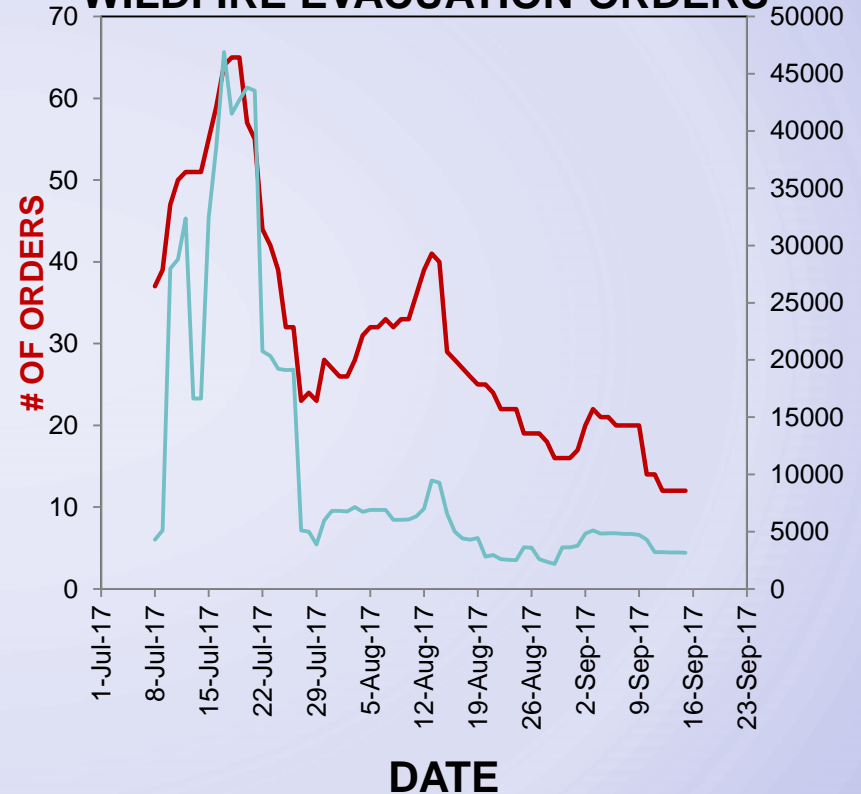
Wildfire Evacuation Alerts & Orders



WILDFIRE EVACUATION ALERTS



WILDFIRE EVACUATION ORDERS



DATE

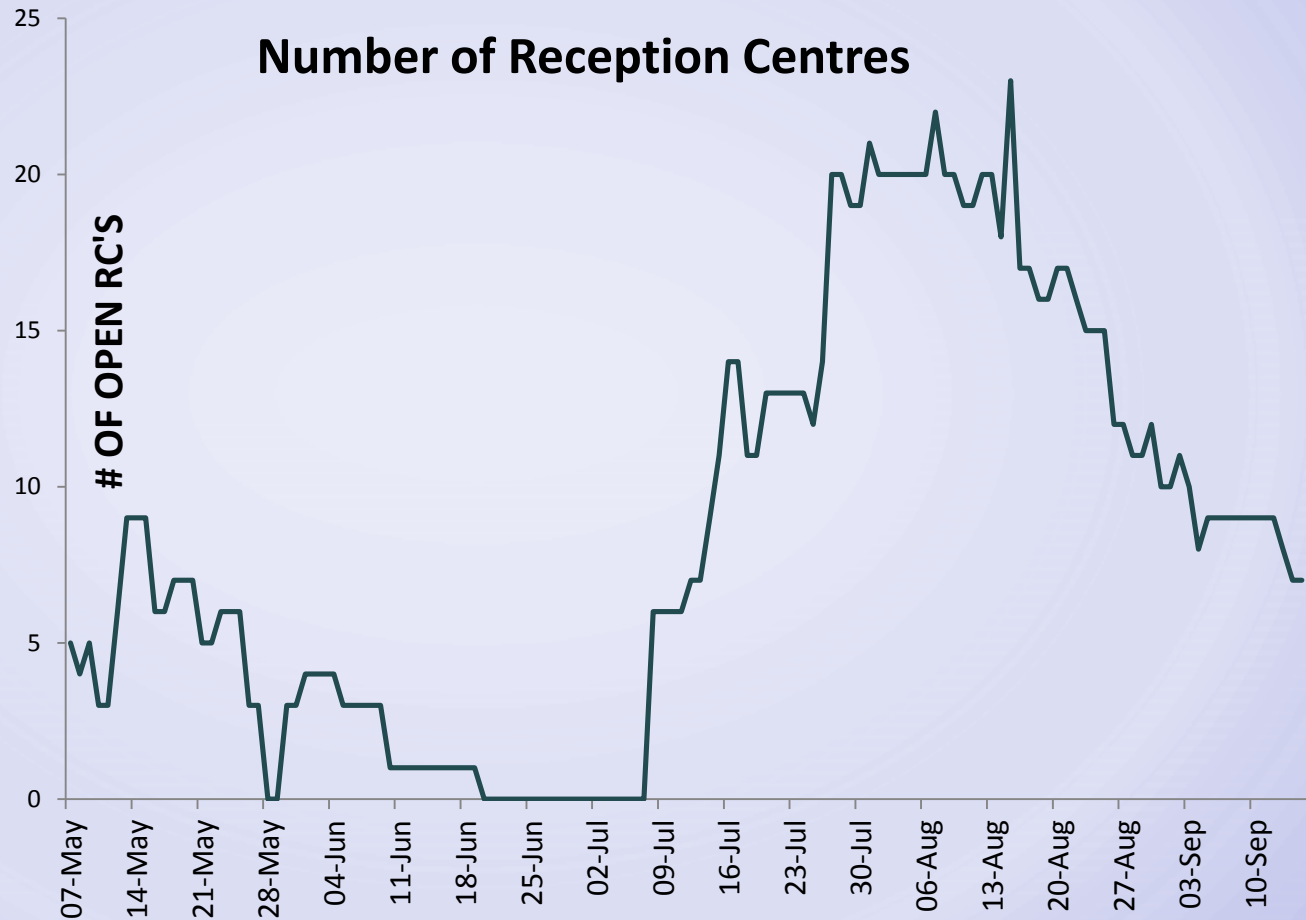




502 structures impacted
including **229** homes

*Image credit: Black Press

ESS Reception Centres



Livestock

1,030

Livestock Relocated

12,151

Livestock Fed

~\$838,995 Hay EAF's

45,000 – 65,000

Animals Impacted

Livestock and other non-range animals:

Pigs, Sheep, Goats, Llamas, Rabbits and Bee Colonies



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Recreation and Tourism

232

Rec Sites/Trails Closed

60 remain closed

65

BC Parks Closed

10 remain closed/1 partially

Recreation Impacted

43 days of closed Rec Sites/Trails

46 days of closed BC Parks

78 days of Fire Bans



Consequences and Impacts: 2017

- Staff & Volunteer Capacity
- Evacuation Planning and Authority
- Operational Processes & Procedures
- Interagency Coordination
- Emergency Social Services
- Agricultural Impacts
- Re-entry and Recovery
- Psychosocial Support



Recovery

- Mandate is to support local authority and First Nations community-led recovery
- Outreach based on Recovery Toolkit
- Land-based recovery led by FLNRORD
- Other key working groups focussing on Mental Health (MOH) and Economy (JTT)
- NGO and Donations Management
- Disaster Financial Assistance (DFA)
- Canadian Red Cross and INAC



After Action Review

2017 Freshet and Wildfire Review Framework

- Review Framework has four components:
 - Tier 1 – Internal debriefs
 - Tier 2 – Provincial cross-ministry response review
 - Tier 3 – Province and partners response review
 - Tier 4 – Provincial-level strategic review

After Action Findings

First Nations Themes

- Communication and Information
- Inclusivity, Relationships, and Partnerships
- Capacity
- Knowledge, Understanding, and Expertise

After Action Findings

Local Government Themes

- Communications
- Capability, Capacity and Training
- Leadership and Culture
- Materials, Resources and Technology
- Policy and Procedure

Next Steps





Thank You



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