



British Columbia Emergency Management Common Operating Picture Portal

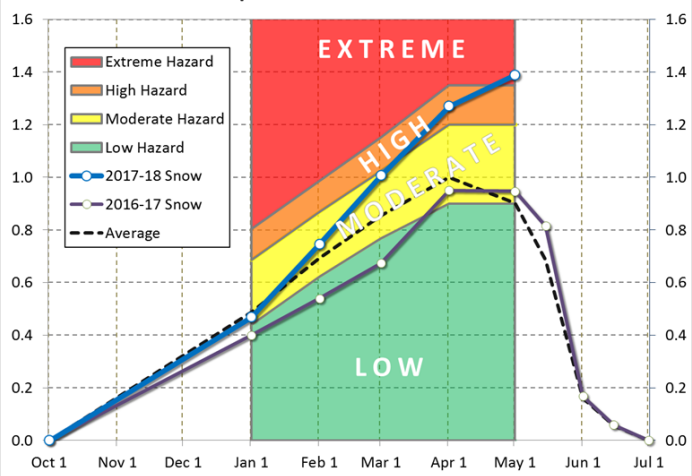
Gurdeep Singh, Portfolio Manager,
Business Innovation and Emergency
Response, GeoBC

Keynote Presentation





Seasonal Snowpack Flood Hazard - British Columbia



PLANNING



Floodplain of the Fraser River



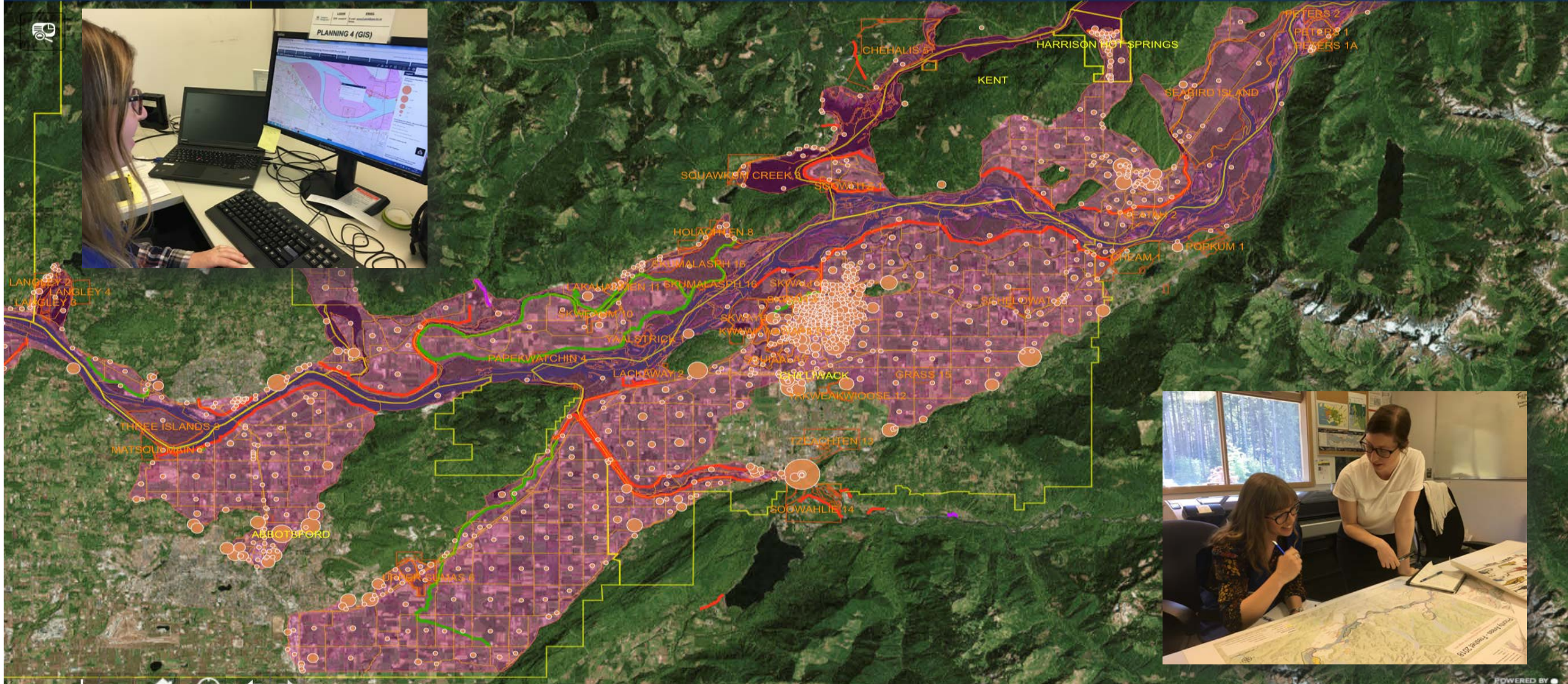
Fraser Council



- Introduction
- Situational Awareness
- Emergency Management Dashboard
- Wildfire Planning & Modelling
- Flood Management
- EM Resources
- Field Photos & Social Media Map
- Updates & Metadata
- Planning & Modelling - CTL
- Planning & Modelling - SWE
- Hydro Operations Dashboard
- 2018 Flood Assessor Dashboard
- 2018 Flood Assessor Report
- River Forecast Centre

EMBC: Flood Response - Planning & Modelling SWE

Navigation icons: Home, Back, Forward, Refresh, Print, Search, etc.



Map navigation controls: Zoom in (+), Zoom out (-), Home, Refresh, Previous, Next, Scale bar, and coordinate input field.

- Introduction
- Situational Awareness
- Emergency Management Dashboard
- Wildfire Planning & Modelling
- Flood Management
- EM Resources
- Field Photos & Social Media Map
- Updates & Metadata
- Planning & Modelling - CTL
- Planning & Modelling - SWE
- Hydro Operations Dashboard
- 2018 Flood Assessor Dashboard
- 2018 Flood Assessor Report
- River Forecast Centre

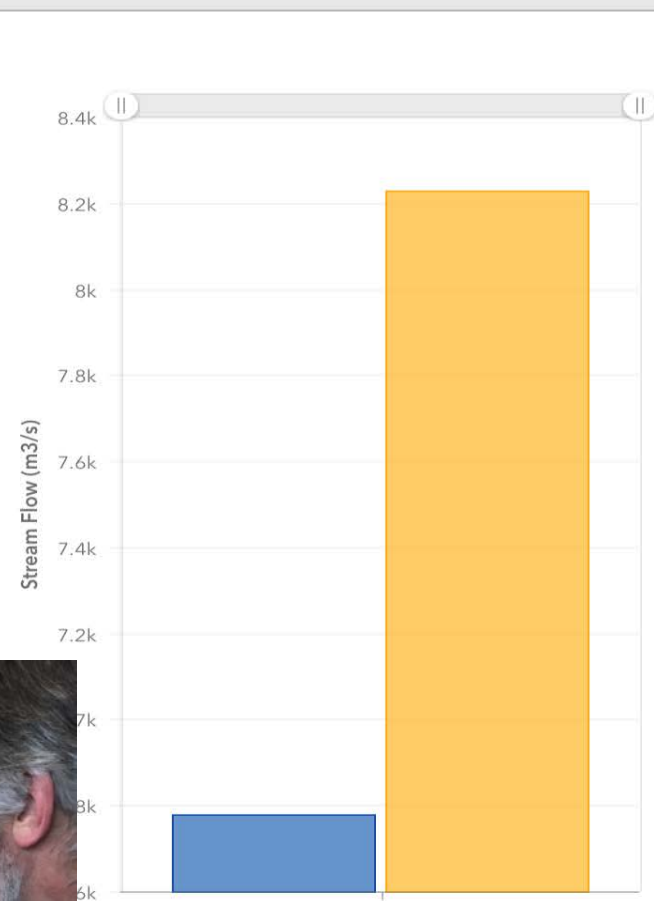
EMBC: BC Emergency Management COP - Hydro Operati... **Select Monitoring Station:** FRASER RIVER AT HA... **PREOC:** SWE **Major Watershed:** North Coast...

Updated: 2018-06-13 07:10:00

FRASER RIVER ABOVE TEXAS CREEK 08MF040
 Stream Flow Percentile Rating:
Below Normal (10-25)
 Updated: 2018-06-13 08:00:30

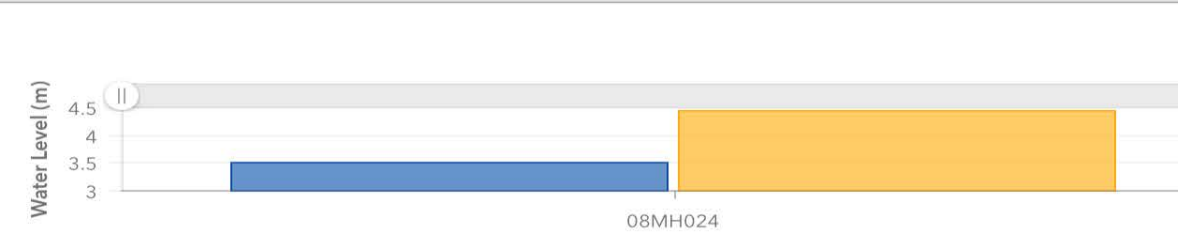
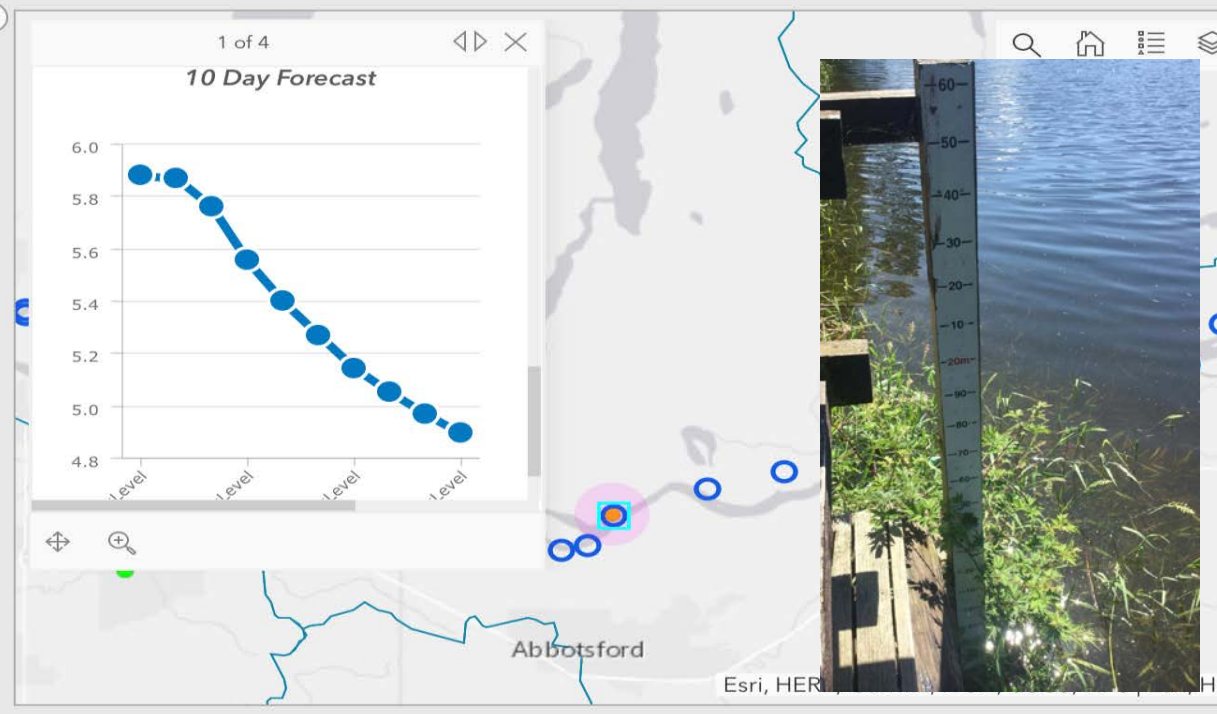
PEMBERTON CREEK NEAR PEMBERTON 08MG025
 Stream Flow Percentile Rating:
Below Normal (10-25)
 Updated: 2018-06-13 07:35:00

FRASER RIVER AT MISSION 08MH024
 Stream Flow Percentile Rating:
Below Normal (10-25)



● Current Flow (m³/s) ● Normal Flow for Current Day (m³/s)

Last update: a few seconds ago



● Current Level (m) ● Normal Level for Current Day (m)

Last update: a few seconds ago

- Introduction
- Situational Awareness
- Emergency Management Dashboard
- Wildfire Planning & Modelling
- Flood Management
- EM Resources
- Field Photo Social Media
- Planning & Modelling - CTL
- Planning & Modelling - SWE
- Hydro Operations Dashboard
- 2018 Flood Assessor Dashboard
- 2018 Flood

2018 Flood Assessor Dashboard



DATA FILTERS

- Include Test/Training Data?
 - Filter Everything by Date Range
 - 6/23/2018
 - Filter Observations & Water Level Readings by FLNRO Region
 - Filter Observations & Water Level Readings by Other Organization
 - Filter Observations by Hazard Probability
 - Filter Observations by Consequence
 - Water Level Change
 - Filter Assessments by Region
- Filter your data here! :)

1 of 7

Observation Details (on map)

Photo 5 Comments:

photo1-20180518-205502.jpg

1 of 4

Last update: a few seconds ago

1 of 7

Wtr Level Survey Details (shown on map)

c64b595f541d468cb87f08667cc.

1 of 2

Last update: a few seconds ago

Assessments by Risk Probability

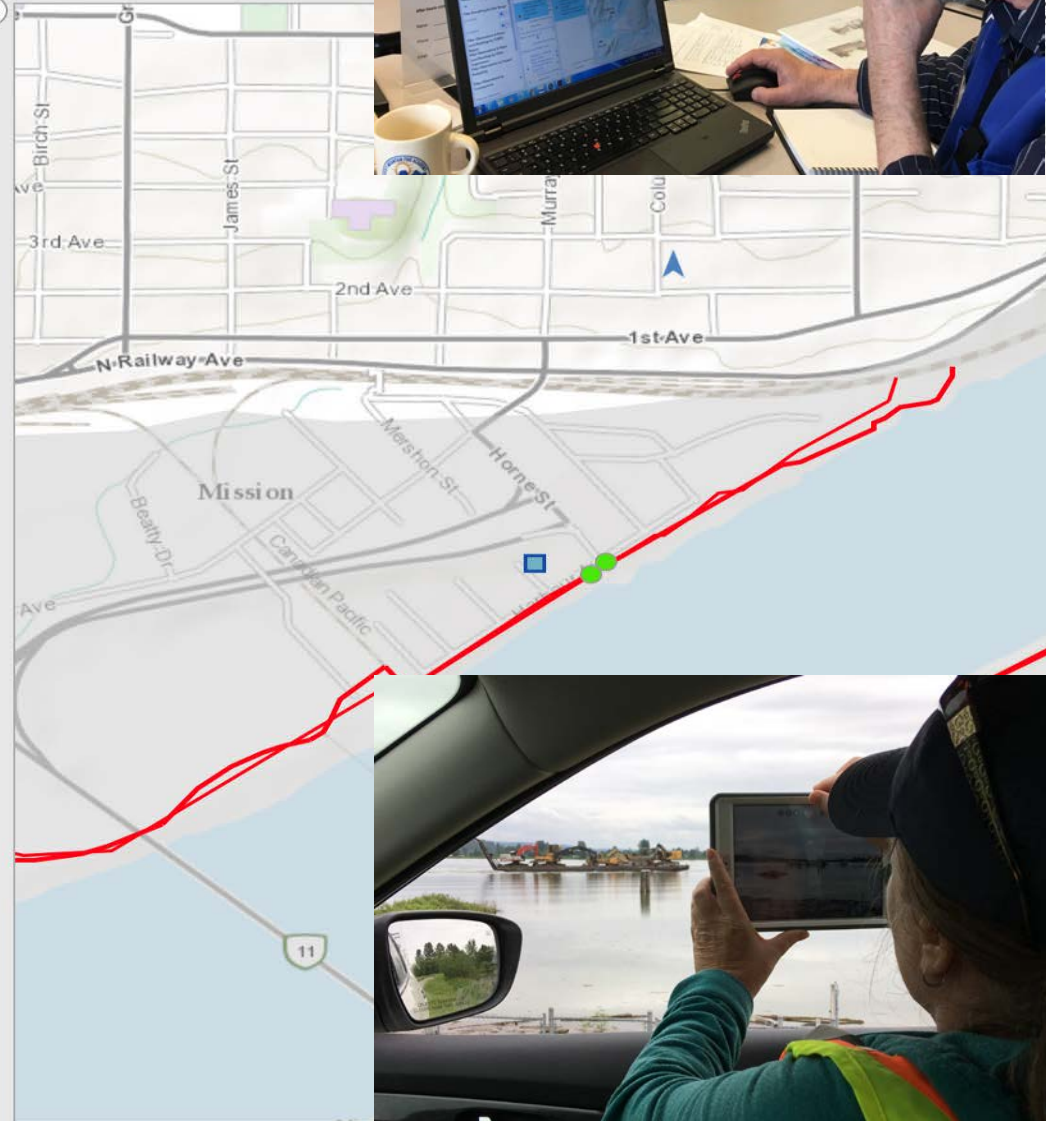
Null	15
High	14
Low	25
Medium	18

Last update: a few seconds ago

Assessments by Potential Consequences

Null	16
High	24
Low	11
Medium	21

Last update: a few seconds ago



EMBC: Flood Response Orders & Alerts Dashboard 2018 (Data updated once per morning)

PREOC (Filter for O&A, SOLE, BCR): Province **CTL** NEA SEA SWE NWE

Orders

Approx. Population: 0

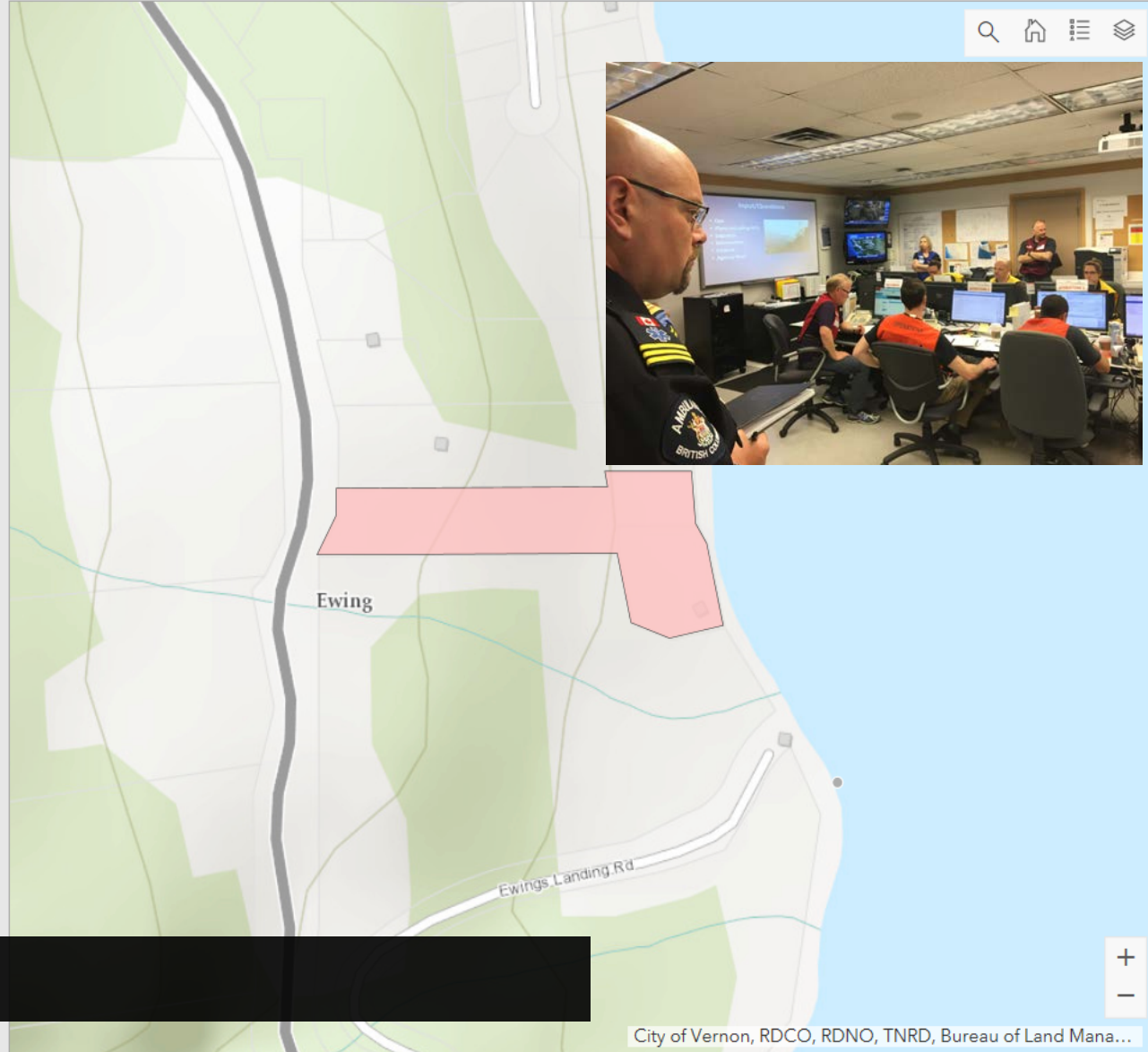
Status: **Order** - Cherry Creek
Event Start Date: 5/2/2018, 5:00 PM
PREOC: CTL
Approx. Population: 2

Status: **Order** - Ewings Landing
Event Start Date: 4/30/2018, 5:00 PM
PREOC: CTL
Approx. Population: 1

Orders

20

Approx. Population: 5,829



Alerts

Status: **Alert** - Kirkland Dr
Event Start Date: 5/9/2018, 5:00 PM
PREOC: CTL
Approx. Population: 10

Status: **Alert** - Ebenezer Flats
Event Start Date: 5/8/2018, 5:00 PM
PREOC: NWE
Approx. Population: 65

Status: **Alert** - Meighan Creek

Alerts

37

Approx. Population: 1,865

State of Local Emergency

Status: **Active** - Local Government
- Westside N., Hodges Rd, Killney, Ewings
Event Start Date: 8/26/2018, 5:00 PM
PREOC: CTL

Status: **Active** - Local Government

State Of Local Emergency

25

Band Council Resolution

Status: **Active** - FN - Upper Similkameen
Event Start Date: 5/11/2018, 5:00 PM
PREOC: CTL

Band Council Resolution

8

River Flood Status

Status: **Flood Warning** - Kettle River
Event Start Date: 5/9/2018, 5:00 PM

Status: **Flood Watch** - Baker Creek
Event Start Date: 5/9/2018, 5:00 PM

River Flood Notifications

21

Area Flood Status

Status: **Flood Watch** - Similkameen River Watershed
Event Start Date: 5/6/2018, 5:00 PM

Status: **Flood Watch** - Bulkley River Watershed
Event Start Date: 5/6/2018, 5:00 PM

Area Flood Notifications

14

Lake Floods Active Fires



RECOVERY

Building Assessment Placard Colour (Posting)



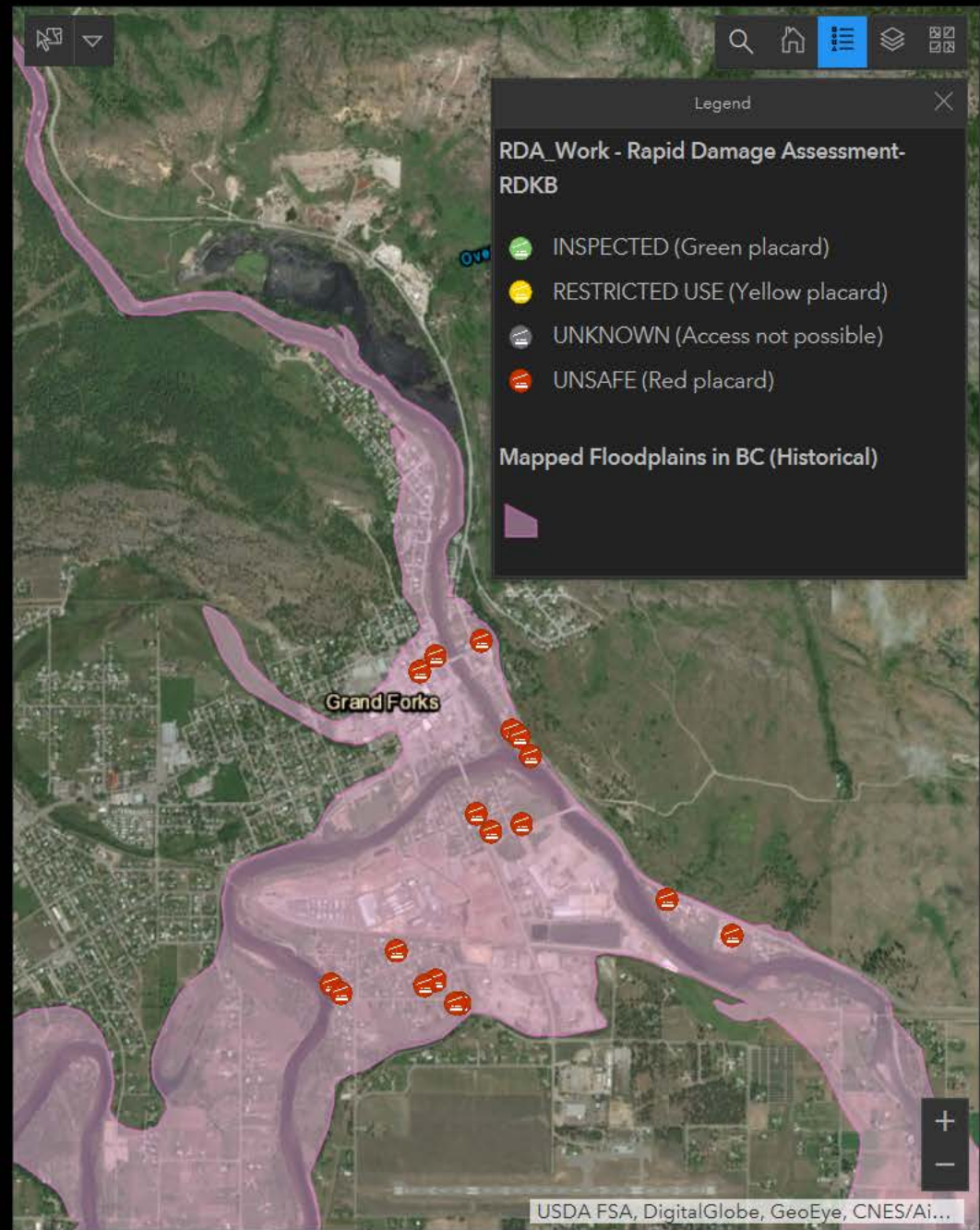
Please select one bar to filter the map and click once more to remove filter.

Last update: 5 minutes ago

List of Building(s)

- Within Map Extent.
- 7430 Granby
 - Unit 9- 7151 Hwy 3
 - Unit 10-7151 Highway 3
 - 6435 9th ave
 - 215 central ave
 - 7433 riverside dr

[List](#) [Details](#)



Structural Damage



[Structural](#) [Ground](#) [Fixture](#) [Proximity Risks](#)

Fall Hazards



[Fall](#) [Collapse](#) [Leaning](#)

Primary Occupancy

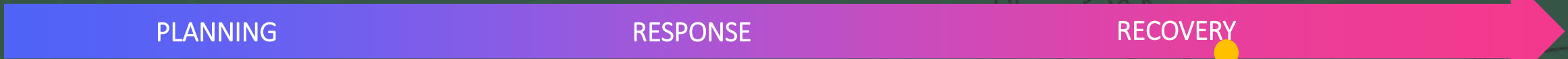
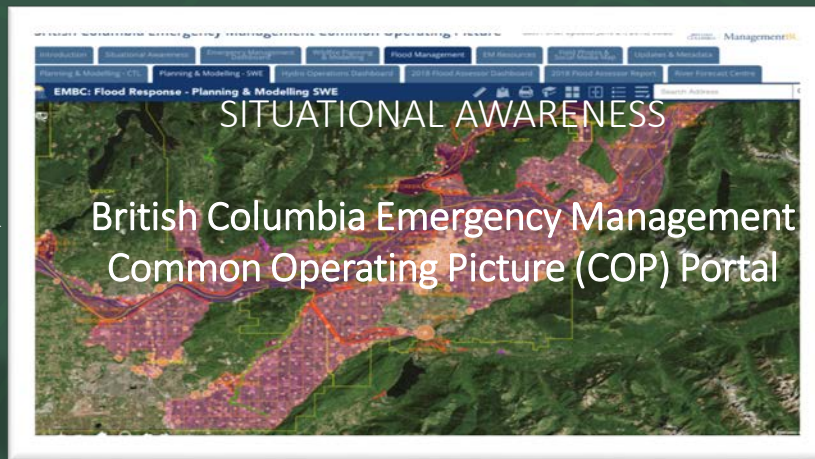


[Primary Occupancy](#) [Construction Type](#)

RESILIENCY THROUGH COMMON DATA INFORMATION AND TOOLS FOR ALL HAZARDS

One place for sharing timely and authoritative
information in real time

- Data Layers
- Scenarios
- Field Data
- Sensors
- Imagery
- Social Media
- Incidents
- Tools
- Reports





Thank You

Gurdeep Singh, GeoBC

Email: gurdeep.singh@gov.bc.ca

Ph. 604 790 7210