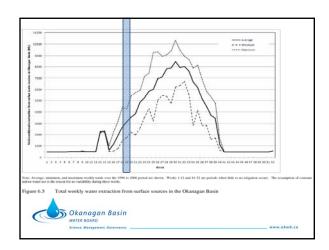
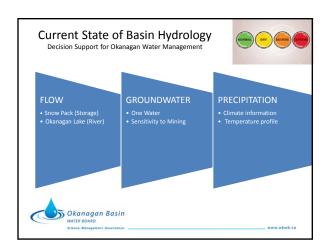
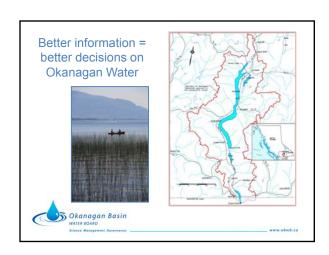
## 2015: Okanagan Water Supply Water Management Support Webinar 15 March 2015 11:00am - 12:00pm Okanagan Basin MATER BOARD Street, Management Support Webinar WWW. Obarb. Co.





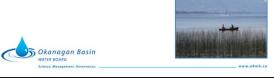




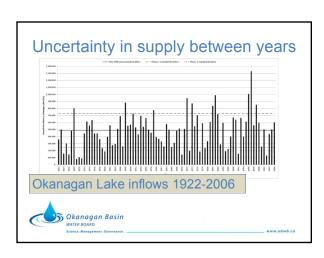


### OBWB – getting the word out since 1970

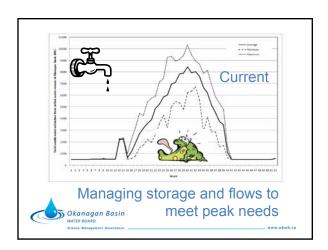
- Share resources, identify problems, suggest solutions, improve communication
- Water governance mandate
- Water management support
- Collaboration, community-to-community

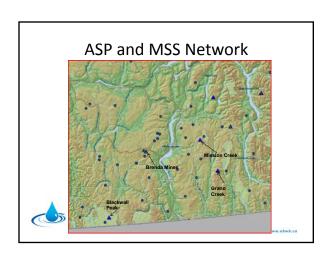


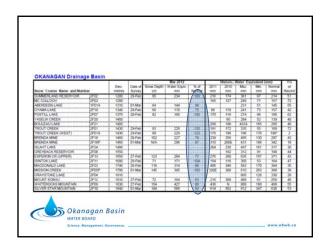
## One water, one community, many needs Okanagan Basin WITER BOARD SIGNER, MARRAGRAPHIC, GERTHAGES.

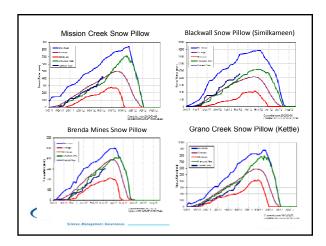


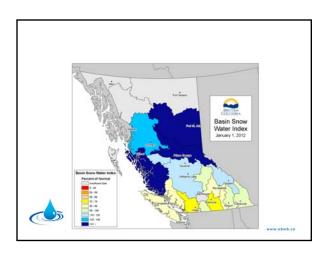
### Regional approaches to practical water management issues Variation between drainages Each water source needs its own water management strategies Because we are connected, we need coordinated strategies

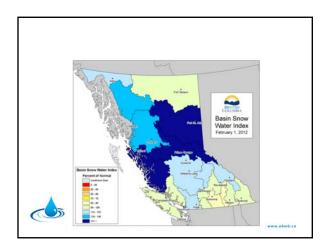


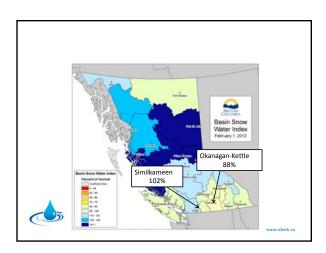


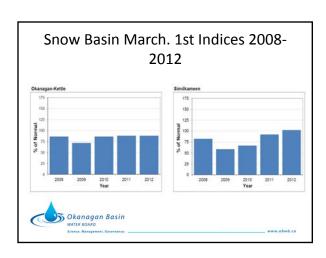


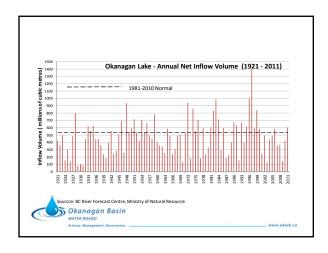




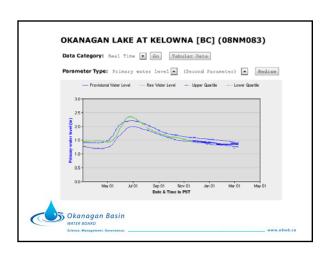




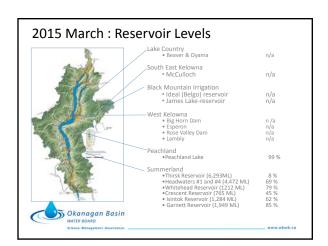




# Seasonal Inflow Forecast — Okanagan Lake Forecast Date Forecast Inflow (Forecast Date to July) (kdam3) Feb 1, 2012 284.4 51.2% 119.6 Mar 1, 2012 367.24 68.5% 109.8







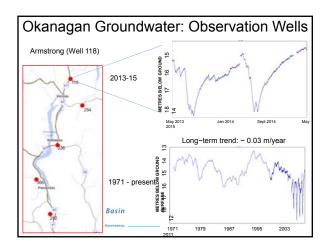


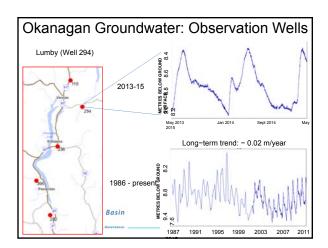
### **Sensitive Aquifers** in the Okanagan

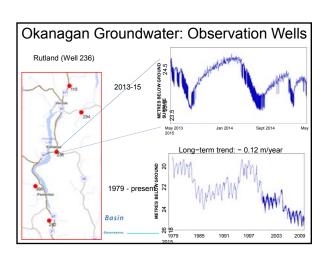
Priority Aquifer Identification in the

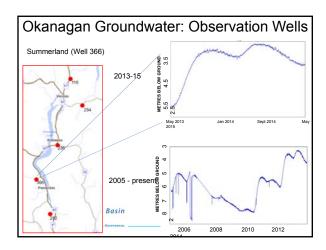
Okanagan
• Provincial Observation Well Network

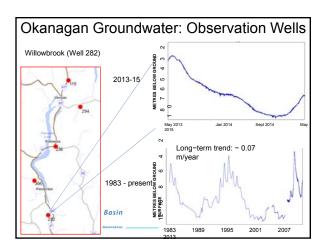
Provincial Observation Well Network Review BC (Hy-Geo Consulting, Hodge Hydrogeology Consulting, Azar & Associates, 2009)
 Phase 2 Okanagan Water Supply and Demand Project: Recommended establishment of new observation wells (Golder and Summit)

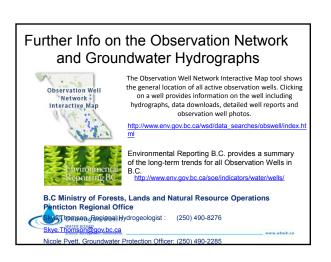


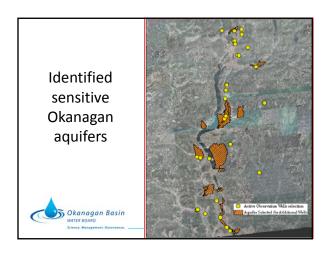


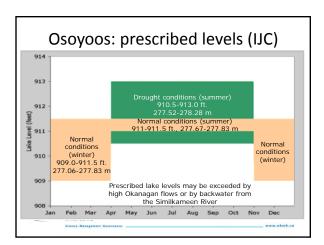


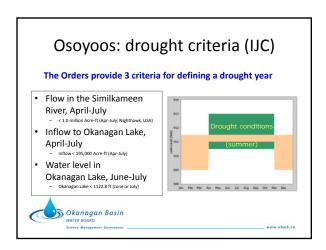








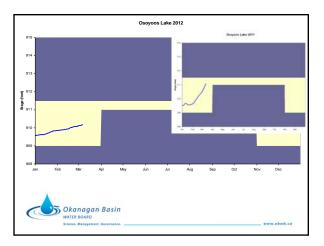




### Osoyoos drought?

- Similkameen forecast
  - US flow forecast: 1,340,000 ac-ft
  - Drought criteria: below 1,000,000 ac-ft (Apr Jul)
  - BC snowpack: 102% normal (Mar 1)
- Okanagan
  - BC snowpack: 88% normal (Mar 1)
  - Drought criteria: inflow below 195,000 ac-ft (Apr Jul);
     lake level fails to reach 1122.8 ft (Jun Jul)





### Weather - Environment Canada

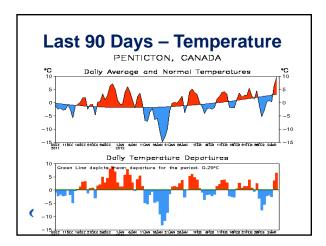
- Seasonal forecasting is limited and often has little skill
- Average: means little extreme weather averages out vs. steady as she goes weather – both look the same in the outlook
- There is a "best practice" when it comes to seasonal forecasting

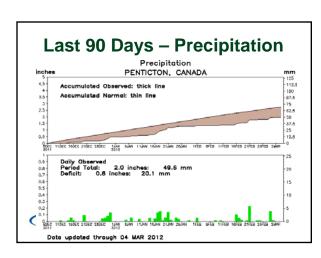
<b>3</b>	Okanagan Basin WATER BOARD	
	Science, Management, Governance.	www.obwb.ca

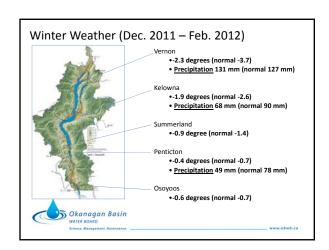
### **Best Practices**

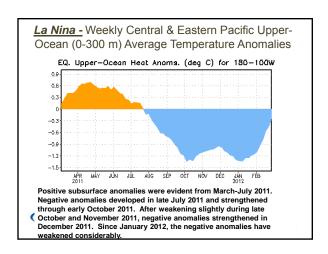
- Knowing where we've been and are persistence is a driver
- 2. Short-medium range weather forecasts have skill
- 3. For the long term, climatology works best most of the time but modified by weather teleconnections

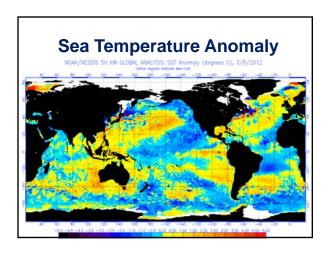


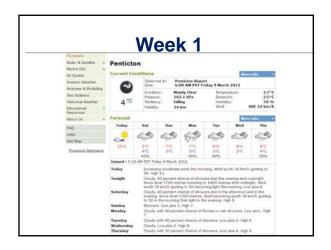


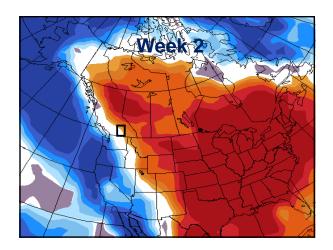


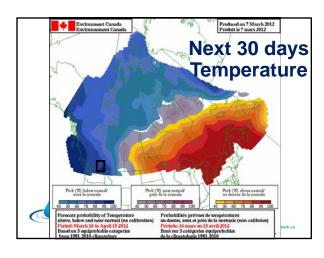


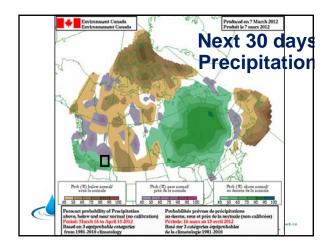


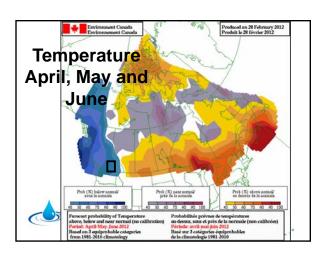


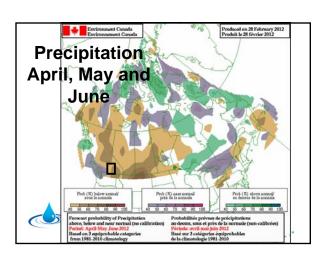












### **Key Points:**

- Winter was near to warmer than average
- Winter was near to drier than average
- La Nina weakening ...
- Greatest likelihood for spring
  - Average temperature
  - Average rainfall



....

### PLACE HOLDER

- STATUS OF FOREST FIRE RISKS 2015
- 2-5 slides



