

Weather and Climate - Webinars

1. **Title: NWS Alaska Climate Forecast briefing.** OneNOAA Science Seminars.

Thoman R. (2016, May 20). May 2016

Description: Do you lie awake at nights wondering what the upcoming season will be like? Want to place bets with friends and family on next month's weather? If so, good news: The tools and techniques for making monthly and season scale climate forecasts are rapidly changing, with the potential to provide useful forecasts at the month and longer range. Rick Thoman will review recent climate conditions around Alaska, review some forecast tools and finish up with the Climate Prediction Center's forecast for June and the early summer season.

Retrieved from <http://www.nodc.noaa.gov/seminars/>

2. **Title: How will Forests Affect Mountain snow storage in a warming**

Climate? *United States Geological Survey.* Dickerson-Lange, S. E. (2016, May 24).

Description: Forests strongly influence snow processes and affect the amount and duration of snow storage on a landscape. Therefore, forest changes, from management activities or natural disturbances, have important consequences for spring and summer soil moisture availability, aquatic habitat, and water supply. Accounting for these effects of forest change on watersheds will become even more important under warming climate conditions, which will reduce the amount and duration of snow storage.

Retrieved from <https://nccwsc.usgs.gov/webinar/ForestsandSnow>

3. **Freshwater Discharge into the Gulf of Alaska: Historical Conditions and Future Scenarios.** Alaska Center for Climate Assessment and Policy. Hill, D. (2016, April 5).

Description: Freshwater discharge into the Gulf of Alaska (GOA) is controlled by a complex set of meteorologic and hydrologic processes. We use high resolution energy-balance models to determine the timing, spatial distribution, and composition (rain, snow-melt, and ice-melt) of runoff from the entire GOA watershed. Model results demonstrate good agreement with GRACE satellite data in terms of annual amplitudes and long term losses (ice loss).

Retrieved from

https://accap.uaf.edu/sites/default/files/Freshwater%20Discharge_Gulf%20of%20Alaska.pdf