



# **NATIONAL CLIMATE SERVICES MEETING: RECAP OF THE DAY**

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Thursday - May 12<sup>th</sup>, 2016



# Key Messages

## Key Note:

- OAR and NWS – part of the NOAA whole – research to operations requires continual coordination and resources over the 20 year to today scale – informed cycle of communications to meet the mission
- OAR Sea Grant Challenge – AA McLean will reward (< than a cup of coffee > new car) ideas for a cooperative project that brings NWS Climate leads together with Sea Grant people to assist in better informing public and more coordination to build WRN

## Session 8: Climate Science

- ✓ Future of modeling is to move towards a more unified design – coupling models and timescales to build consistency and reduce discontinuity
- ✓ Example of the H-FIP – for hurricane forecasts – will be integrated into new systems
- ✓ CPC is looking to make products more simple to understand and less subject to varied interpretations – calls for input: experts and decision makers should be targeted
- ✓ CPC is aiming for a more consistent suite of products – Improving forecast presentation is an important goal

# Key Messages

## Session 9: Climate Linkages

- ✓ Water is inherently complicated –requiring Multi-disciplinary cooperation. The National Water Center is the common nerve center for US Agencies to collaborate to address: Water Security, Quality, Water Availability, Flooding, Climate Change
- ✓ Exciting new National Water Model – shows the water budget – but still developing and we must manage expectation for users
- ✓ Health and Climate – intrinsically linked because climate will change whole ecosystems and environments – our predictions must address this scale
- ✓ Heat health is Presidential Priority - checkout the NIHHIS portal and take part in the FEMA Pre-parathon on May 22-28
- ✓ “We improve services by being in services” - Deke
- ✓ Communication – we have some established Core Partnerships that enable feedback to help us improve our conveyance of climate – but we need to focus on listening to user needs – maybe even down to the public needs especially working with skilled communicators
- ✓ Importance of observations and our role in collecting and analyzing data is paramount – especially in long term historical sites – we need to advocate for these systems
- ✓ “When we decide to get it done – we will figure out how to get it done” - Butler



# Summary of Action Items

- ✓ **Action 1:** Reconcile near normal and equal chances forecast areas on maps –CPC action.
- ✓ **Action 2:** NWC needs method to include anthropogenic data in Water Modeling efforts – this requirement can be assisted Climate Services Experts to gather right data and inputs to improve forecast capabilities
- ✓ **Action 3:** Public health providers are looking for help understanding the ramifications of seasonal climate to better prepare- NWS Climate Experts should work towards making our forecasts usable for the health applications
- ✓ **Action 4:** Listen more – ask better questions and repeat the information we know is true (7 times) – seek out ways to become climate translators and compelling story tellers
- ✓ **Action 5:** Give Dewitt feedback on the new El Nino Diagnostic briefing structure from CPC monthly telcon– [david.dewitt@noaa.gov](mailto:david.dewitt@noaa.gov)



