

HMT-West 2010 Annual Meeting

October 7-8, 2010

Sonoma County Water Agency

Co-Chairs: Tim Schneider (NOAA/OAR), Dave Reynolds (NOAA/NWS),

Host: Chris Delaney (Sonoma County Water Agency)

PURPOSE

The purpose of this meeting is to share and highlight accomplishments with HMT-West partners and stakeholders, and to discuss next steps for HMT-West research, development, and research to operations (R2O).

EXPECTED OUTCOMES

- Raised awareness of HMT-West activities and successes
- Discussion of a framework for planning and executing transitions in HMT-West R2O
- Generation of ideas and approaches that could be included in a 5-10 year road map for HMT-West

AGENDA

Day 1: Thursday October 7 (8:00 am to 5:15 pm)

I. Opening Remarks: 8:00 am – 9:15 am (Chair: Tim Schneider)

- Welcome, logistics, purpose of meeting (T. Schneider, D. Reynolds & Chris Delaney)
- Executive perspective of HMT (G. Carter; **confirmed**)
- Executive Perspective of HMT (M. Ralph; **confirmed**)
- State of HMT (T. Schneider and A. White; **confirmed**)
- Overview of HMT-West 2011 (R. Cifelli; **confirmed**)

II. Key Stakeholder Perspectives of HMT-West - I: 9:15 am – 10:00 am (Chair: Marty Ralph)

- OAR/PSD (B. Neff)
- California Department of Water Resources (A. Hinojosa/**unavailable**; alternate?)
- US Army Corps of Engineers (L. Schick; **tentatively confirmed**)

30-MINUTE BREAK

III. Key Stakeholder Perspectives of HMT-West - II: 10:30 am – 11:45 am (Chair: Marty Ralph)

- Sonoma County Water Agency (C. Delaney or senior staff member; **confirmed**)
- California Energy Commission (G. Franco; **confirmed**)

- National Weather Service – Field Hydrology (R. Hartman; **confirmed**)
- National Weather Service – Field Weather (D. Reynolds; **confirmed**)
- Discussion

LUNCH 11:45 PM – 12:45 PM

IV. QPE Session: 12:45 pm – 1:45 pm (Chair: TBD)

- MPE-PRISM analysis (R. Cifelli or D. Streubel; **confirmed**)
- Radar Profiling: Hybrid Rain/VPR (D. Kingsmill; **confirmed**)
- NMQ/Q2 status and plans for HMT-West 2011 (K. Howard/J. Zhang; **tentatively confirmed**)
- Discussion

V. QPF Session: 1:45 pm – 3:15 pm (Chair: TBD)

- Ensemble modeling status (I. Jankov; **tentatively confirmed**)
- Reforecasting (T. Hamil or J. Whittaker; **to be confirmed**)
- DTC Verification (T. Jensen; **confirmed**)
- Extreme precipitation performance measure (E. Sukovitch; **confirmed**)
- HPC QPF activities for HMT-West (M. Bodner; **to be confirmed**)
- Discussion

30-MINUTE BREAK

VI. Decision Support Session: 3:45 – 4:45 (Chair: TBD)

- ALPS – Implications for AWIPS II (W. Roberts; **confirmed**)
- Flux tool & LAPS (P. Neiman w/S. Gutman; **confirmed**)
- Atmospheric River Identification and Forecasting – Improved situational awareness (D. Reynolds; **confirmed**)
- Discussion

VII. Snow Information Session: 4:45 pm– 5:15 (Chair: TBD)

- Performance measure for snow level & Next Steps (A. White; **confirmed**)
- Discussion

ADJOURN FOR THE DAY

NOAA Executive Session on R2O (Dinner): 6:30 pm to 8:30 pm

➤ By invitation; location to be determined

Day 2: Friday October 8, 8:00 am – 4:00 pm

VIII. Hydrologic Applications & Surface Processes Session: 8:00 am – 9:00 am (Chair: TBD)

- DMIP2 (M. Smith; tentatively confirmed)
- Soil moisture status (B. Zamora; confirmed)
- WRF-Hydro simulation effort (L. Johnson; confirmed)
- Discussion

IX. Cross Cutting Theme Session: 9:00 am – 10:15 (Chair: TBD)

- Barrier Jet (E. Sukovich; confirmed)
- HMT-West Legacy (A. White; confirmed)
- HMT-NW – HHD Rapid Response (K. Cook; tentatively confirmed)
- COSMIC status and future development (L. Cucurull; to be confirmed)
- Discussion

15-MINUTE BREAK

X. Climate Applications Session: 10:30 am – 12:00 pm (Chair: Tim Schneider)

- CalWater-HMT linkages (M. Ralph; confirmed)
- NIDIS connection to HMT (C. McNutt; confirmed)
- Atmospheric Rivers in a changing climate (M. Dettinger; confirmed)
- ARkStorm and HMT (D. Cox; confirmed)
- Central Valley Flood Protection Plan (M. Anderson; to be confirmed)
- Discussion

LUNCH 12:00 pm – 1:00 pm

XI. The Path Forward: 1:00 pm – 4:00 (Chair: A. White)

- Proposed framework for planning and executing transition to operations (M. Ralph; confirmed)
- Charge to the Breakout Groups (Tim Schneider; confirmed)
- Break-out sessions to address key challenges in R2O (1 hr – session chairs TBD)
 - (i) Research to Operations; (ii) A Common Data Vision, (iii) Internal Engagement & Training, (iv) Meeting Stakeholders' Needs (building partnerships)
- Report back on key findings (1 hour)
- Action items and final wrap-up

HMT-WEST MEETING ADJORNED