1st HEFS workshop, 08/19/2014

Seminar A: Introduction to the HEFS Initial Training Workshop

James Brown
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Key individuals onsite

- Teresa Murphy (NWSTC POC)
- Mark Fresch (PM)
- Hank Herr (Software Development Lead)
- Shaif Hussain (Test Manager & Training Coordinator)
- Jim Ward (HEFS configuration POC)
- Limin Wu (MEFP POC, available today only!)
- James Brown (Science POC)
Preliminaries

Logistics

• ~8:00am-4:30pm each day (~12pm on Thursday)
• Please be on time and avoid distractions
• All training in this room (Room 123)
• Breaks: ~12-1pm (lunch), 15 mins every ~2 hours
• Intro. to NWSTC and safety briefing coming up (Teresa)
• If you get stuck anywhere, call:
  • Teresa: 816.651.8265
  • Guard: 816.880.9279
Logistics continued...

• You ordered lunch for today (will be delivered)
• Group meal tonight (Tues. 19th): Smokehouse Barbecue
  • Anyone with a car willing to help with transport?
  • Provide name and # of spare seats on sign-up sheet
  • Passengers can also sign-up during breaks
• Meet in lobby of Homewood Suites NLT 5:45 p.m.
HEFS workshops

Schedule of workshops

1. HEFS Initial Training (this workshop)
   - Theory and use of HEFS for operational forecasting

2. HEFS Hindcasting and Verification (date TBD)
   - Theory and use of HEFS for hindcasting/validation

Basic structure: tell, show, do

1. Seminars: theory behind the software
2. Demos: how to configure and use the software
3. Exercises: hands-on training (using v1.2.1 config. guides)
Goals of this workshop

1. Understand the HEFS science and software structure
2. Install, configure, calibrate, and run HEFS operationally
3. Produce HEFS forecast products

Assumptions and expectations

- Completed basic theory course only (to be reviewed)
- CHPS experience, but not with configurations used here
- You’ll engage & question (there are no “stupid” questions!)
- You’ll continue the momentum after the workshop…
Install, configure, calibrate & run HEFS

- We understand that warning operations are your priority!
- Install the HEFS at your RFC (when you return)
- The version installed initially will be HEFS 1.1.1
- Configure/calibrate/run at two locations (practice run)
- Install HEFS 1.2.1 in October (several bug fixes)
- Re-estimate parameters (two locations), begin to expand
- After second workshop, begin hindcasting/validation
After this workshop, you can...

Work with HEFS buddies and others

• HEFS buddies assigned to help with initial progress
• HEFS focal point act as conduit for staff at your RFC
• HSD also available to help
• Join HEFS list server
• FogBugz available for searching/reporting bugs
HEFS buddy pairings

- NERFC (Erick Boehmler): OHRFC
- MARFC (Ned Pryor): SERFC
- ABRFC (Eric Jones): LMRFC & WGRFC
- CBRFC (John Lhotak): MBRFC & NCRFC
- CNRFC (Brett Whitin): NWRFC & APRFC
Workshop materials

Binder

• Agenda
• Installation and configuration guides
• Copies of seminar presentations
• Feedback forms
  • Feedback (and discussion) at the end of each day
  • Final feedback at the end of the workshop
  • But please provide informal feedback at any time!
• See binder for workshop agenda
Exercise groups

- Group 1 (AP): Dave, Ted, Brad (HSD)
- Group 2 (LM): Kai, David
- Group 3 (MB): Lisa, Gregg
- Group 4 (NC): Andrea, Jim
- Group 5 (NW): Brad, Taylor
- Group 6 (OH): Scott, Tom
- Group 7 (SE): Jeff, Jonathan
- Group 8 (WG): Frank, Andrew
Questions

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