

# 1<sup>st</sup> 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)**

## 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.

## 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

## 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

## 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**

- 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

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