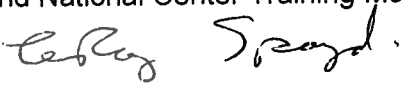


September 4, 2012

MEMORANDUM FOR: NWS Regional and National Center Training Managers  
FROM: LeRoy Spayd   
Chief, Training Division/OCWWS  
SUBJECT: FY 2013 Training Guidance Memorandum

The Office of Climate, Water, and Weather Services (OCWWS) Training Division is providing this training guidance memorandum to assist all Regional and National Center Training Managers in developing Regional training plans. Local Office training plans are required per the NWSI 20-106 Office Training Plans Directive. This memorandum includes mandated training items that must be completed by the target audience on or before the indicated date. This memorandum will be reviewed and updated as needed to reflect unanticipated requirements or unexpected training delivery delays.

#### **FY 2013 National Weather Service (NWS) Training Priorities**

NWS Senior Leadership has identified two key training priorities in FY13 which this memo addresses:

- Train electronics staff:
  - Maintain NWS-unique equipment and software
- Train forecasters with warning and forecast responsibilities:
  - Use of Dual-Polarization (Dual-Pol) radar
  - Issue severe weather warnings

#### **Nationally Mandated Training**

1. **Dual-Polarization Operator Training** (Note: You will need to log into the Commerce Learning Center (CLC) after clicking this link). As a professional in the NWS with responsibilities for public protection, all forecasters and hydrologists who will use Dual-Pol radar in the forecast or warning process must earn their Dual-Pol Operations Course certificate of completion. Office training will be completed by one month following the associated WSR-88D's Dual-Pol deployment date. New staff members hired by offices which already have their Dual-Pol radar deployed should take the Operator training as soon as possible after arrival on-station if they had not previously completed the training.
2. **Four Weather Event Simulator (WES) Cases** – All Weather Forecast Office (WFO) staff with meteorological forecast and warning responsibility are mandated to complete at least four WES simulations per year. As part of the four, one appropriate WES simulation must be completed prior to the start of each significant weather season, as defined by the Meteorologist-in-Charge (MIC). WES cases can be administered individually or within a group setting with oversight by the Science and Operations Officer (SOO) or other delegated training officer. See NWSI 20-101: Use of Weather Event Simulator. The NWS Strategic Plan specifically states, "Implement new and

## Appendix to FY 2013 Training Guidance Memorandum – Sources of Recommended Training

- Decision Support Services (DSS) – Work with our partners and customers in interpreting weather impacts in support of Weather-Ready Nation and Roadmaps. This topic is partly covered in the [Communicating Risk in High-Impact Events](#) course.
- Severe Convective Weather – Improve/sustain warning services; Reduce False Alarm Rate (FAR). Visit the [Severe Convection PDS page](#).
- Climate – Train workforce in climate science to make NWS a strong partner in the delivery of NOAA climate services. Visit the [Climate PDS page](#).
- Aviation Weather – Improve/sustain aviation weather services and Center Weather Service Unit (CWSU) support. Visit the [draft Aviation PDS page](#).
- Hydrology – Improve/sustain forecast and warning services. Visit the [draft Hydrology PDS page](#).
- Dispersion – Provide support for NWS Instruction 10-518: [Non-Weather Related Emergency Products Specification](#).
- Incident Meteorologists (IMETs) – Provide support for NWS Instruction 10-405: [Fire Weather Services Training and Professional Development](#).
- Marine Training– Provide support for NWS Instruction 10-340: [Marine Forecaster Training](#).
- [Numerical Weather Prediction \(NWP\)](#) – Support NWP training for DSS.
- New Satellite Data and Products – with launch of Suomi NPP in 2011, new observations and products are scheduled for delivery to NWS in the fall 2012. See the [Environmental Satellite Resource Center](#) for more information.