

## National Convective Weather Forecast (NCWF)

**LEAD AGENCY/POINT OF CONTACT:** Gloria Kulesa, FAA AUA-430/AWRP, 202-493-0108, gloria.kulesa@faa.gov

**TRAINING POINT OF CONTACT:** Ron Olson, Aviation Weather Center, 816-584-7239, ronald.olson@noaa.gov, Cindy Mueller, NCAR, 303-497-8485, mueller@ncar.edu

**PROGRAM/PROJECT DESCRIPTION:** a 1-hour convective weather forecast product and a forecast of thunderstorm initiation, growth, and decay (0-2 hour forecast using expert systems; 2-6 hour forecast using numerical models). Initial operational implementation is a 1- hour scale separated extrapolation forecast.

**I. TRAINING REQUIREMENTS:** (X'd boxes indicate designated trainees for this program)

**A. Trainees** **B. Skill Level of Designated Trainees**

**Air Traffic Controllers**

⇒ Flight Service Station      Journey Level  En-Route Flight Advisor  Operations Supervisor

⇒ En-Route      Journey Level  Operations Supervisor

⇒ Terminal (Radar Control/Tower)      Journey Level  Operations Supervisor

**Traffic Managers**      Command Center Traffic Management Specialist   
Traffic Management Unit Traffic Management Specialist

**Dispatchers**      Flight Dispatcher  Chief Dispatcher

**National Trans. Safety Board**      Accident Investigator

**Pilots**

⇒ Commercial      Flight Engineer  First Officer  Captain

⇒ General Aviation      Private  Commercial  Air Transport  Instrument Rated  Instructor

**National Weather Service**

⇒ Forecasters/Meteorologists      Intern  Journeyman  Senior Forecaster  Science and Operations Officer

Meteorologist-in-Charge

Center Weather Service Unit Meteorologist  Applied Research Meteorologist

**Private Sector**

⇒ Forecasters      Independent Forecaster  Senior Forecaster

**C. Training Required**

Familiarization

Basic Knowledge

**II. TRAINING DEVELOPMENT/DELIVERY:**

**A. Training Program Status**

Training Implementation       (Current)

**B. Training Method**

Computer Based Training (Web-on-line, CD training modules)

On-the-job Training (Operational Area)

**C. Training Delivery Resources**

Computer Based Instruction

**D. Training Provider**

⇒ NOAA  FAA

**E. Training Measurement**

No Formal Measurement

**F. Training References**

Technical References

Product Description Document/Guide

**G. Training Completion Documentation**

No Documentation Required

**III. TRAINING IDENTIFICATION/DESCRIPTION**

**A. Training Identification**

Location: Aviation Weather Web Site      <http://cdm.awc-kc.noaa.gov/ncwf/>

Cost: n/a

**B. Training Length**      2 hours

**C. Group Size**

Minimum: 1 Desired: 1 Maximum: 1

**D. Trainer to Trainee Ratio**

No trainer required (e.g. self study)

**E. Point of Contact to Request Training Information**

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