

Weather and Research Forecast Model (WRF)	
LEAD AGENCY/POINT OF CONTACT: DOC, Mark Andrews, National Weather Service, Aviation Weather Services Branch, 301-713-1726 x109, Mark.Andrews@noaa.gov	
TRAINING POINT OF CONTACT: Dr. Tim Spangler, UCAR/COMET, 303-497-8473, spangler@comet.ucar.edu	
PROGRAM/PROJECT DESCRIPTION: WRF is a next-generation mesoscale forecast model and assimilation system that will advance both the understanding and prediction of mesoscale precipitation systems. It will result in better forecasts of weather related aviation impact variables thereby improving the safety and efficiency of aviation operations.	
I. TRAINING REQUIREMENTS:	
A. Trainees	B. Skill Level of Designated Trainees
DoD Forecaster/Meteorologists	
Air Force	
⇒ Enlisted	Apprentice <input checked="" type="checkbox"/> Journeyman <input checked="" type="checkbox"/> Craftsman <input checked="" type="checkbox"/>
⇒ Civilian	Forecaster <input checked="" type="checkbox"/>
⇒ Officer	Entry Level <input checked="" type="checkbox"/> Fully Qualified <input checked="" type="checkbox"/>
Navy	
⇒ Enlisted	Apprentice Forecaster <input checked="" type="checkbox"/> Forecaster <input checked="" type="checkbox"/> Master Forecaster <input checked="" type="checkbox"/>
⇒ Civilian	Forecaster <input checked="" type="checkbox"/>
⇒ Officer	Forecaster <input checked="" type="checkbox"/>
National Weather Service	
⇒ Forecasters/Meteorologists	Intern <input checked="" type="checkbox"/> Journeyman <input checked="" type="checkbox"/> Senior Forecaster <input checked="" type="checkbox"/> Science and Operations Officer <input checked="" type="checkbox"/> Warning Coordination Meteorologist <input checked="" type="checkbox"/> Meteorologist-in-Charge <input checked="" type="checkbox"/> Incident Meteorologist (e.g. Fire Weather) <input checked="" type="checkbox"/> Center Weather Service Unit Meteorologist <input checked="" type="checkbox"/> Applied Research Meteorologist <input checked="" type="checkbox"/>
University/Laboratory	Research Scientist <input checked="" type="checkbox"/>
Private Sector	
⇒ Broadcast Meteorologists	NWA or AMS Certified <input checked="" type="checkbox"/>
⇒ Forecasters	Independent Forecaster <input checked="" type="checkbox"/> Senior Forecaster <input checked="" type="checkbox"/>
⇒ Researchers	Master's <input checked="" type="checkbox"/> Doctorate <input checked="" type="checkbox"/>
⇒ Consultants	AMS Certified Consulting Meteorologist <input checked="" type="checkbox"/>
C. Training Required	
Familiarization <input checked="" type="checkbox"/> Basic Knowledge <input checked="" type="checkbox"/> Basic Task Performance <input checked="" type="checkbox"/> Intermediate Knowledge <input checked="" type="checkbox"/> Intermediate Task Performance <input checked="" type="checkbox"/>	
II. TRAINING DEVELOPMENT/DELIVERY:	
A. Training Program Status	
Determination of Training Requirements <input checked="" type="checkbox"/> (current) Determination of Training Concept <input checked="" type="checkbox"/> (current)	
B. Training Method	
Computer Based Training (Web-on-line, CD training modules) <input checked="" type="checkbox"/> Other: Mostly TBD	
C. Training Delivery Resources	
Computer Based Instruction <input checked="" type="checkbox"/>	
D. Training Provider	
Federal Agency ⇒ NOAA <input checked="" type="checkbox"/> Non-Government Organizations ⇒ UCAR/COMET <input checked="" type="checkbox"/> NCAR <input checked="" type="checkbox"/>	
E. Training Measurement	
Other: TBD	
F. Training References	
Technical References <input checked="" type="checkbox"/> Product Description Document/Guide <input checked="" type="checkbox"/>	
G. Training Completion Documentation TBD	
III. TRAINING IDENTIFICATION/DESCRIPTION	
A. Training Identification TBD	
B. Training Length TBD	
C. Group Size TBD	
D. Trainer to Trainee Ratio TBD	
E. Point of Contact to Request Training	
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