

Volcanic Ash Product (VAP)

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: Gary Ellrod, NOAA/NESDIS, 301-763-8204 ext. 140, gary.ellrod@noaa.gov

PROGRAM/PROJECT DESCRIPTION: An image product depicting airborne volcanic ash using multi-band IR imaging techniques. These products provide improved ash detection and give satellite analysts a better tool in tracking ash clouds leading to improved forecasts and the avoidance of ash cloud hazards.

I. TRAINING REQUIREMENTS:

A. Trainees

Dispatchers

B. Skill Level of Designated Trainees

Operations Planner Assistant Flight Dispatcher Flight Dispatcher

Chief Dispatcher

National Trans. Safety Board

Accident Investigator

DoD Forecasters/Meteorologists

Air Force

⇒ Enlisted

Apprentice Journeyman Craftsman

⇒ Civilian

Forecaster

⇒ Officer

Entry Level Fully Qualified

Navy

⇒ Enlisted

Apprentice Forecaster Forecaster Master Forecaster

⇒ Civilian

Forecaster

⇒ Officer

Accession Forecaster Forecaster

National Weather Service

⇒ Forecasters/Meteorologists

Intern Journeyman Senior Forecaster Science and Operations Officer

Warning Coordination Meteorologist Meteorologist-in-Charge

Center Weather Service Unit Meteorologist Applied Research Meteorologist

University/Laboratory

Research Scientist

Private Sector

⇒ Researchers

Master's Doctorate

C. Training Required

Familiarization Refresher Training

Basic Knowledge Basic Task Performance

Intermediate Knowledge Intermediate Task Performance

Advanced Knowledge Advanced Task Performance

II. TRAINING DEVELOPMENT/DELIVERY:

A. Training Program Status

Determination of Training Requirements (current)

Determination of Training Concept (current)

B. Training Method

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

Other: **Workshops/Seminars**

C. Training Delivery Resources

Computer Based Instruction (planned)

Operational Product

D. Training Provider

Professional Associations/Organizations

⇒ NWA (workshop/seminar)

⇒ AMS (workshop/seminar)

Federal Agency

⇒ NOAA (workshop/seminar)

Non-Government Organizations

⇒ UCAR/COMET (workshop/seminar)

E. Training Measurement

TBD

F. Training References

TBD

G. Training Completion Documentation

TBD

III. TRAINING IDENTIFICATION/DESCRIPTION	
A. Training Identification	
Location: Workshops/Seminars, various sites, see section II D	
B. Training Length	
8 hours (familiarization) 8-24 hours (advanced training)	
C. Group Size TBD	
D. Trainer to Trainee Ratio TBD	
E. Point of Contact to Request Training	
Name: Gary Ellrod	
Organization: NOAA/NESDIS	
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