

## National Ceiling and Visibility (NCV) Product

**PROGRAM/PROJECT:** Aviation Weather Research Program, National Ceiling and Visibility Product Development Team, [<http://www.faa.gov/aua/awr/>]

**LEAD AGENCY/COLLABORATING AGENCIES:** Federal Aviation Administration (FAA), National Center for Atmospheric Research (NCAR)

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### **SERVICE AREA(S)/INITIATIVE (S)**

- *National Aviation Weather Initiatives:*  
1: 1

### **FUNDING**

- *Programmed/Planned (\$'s/FY):* /FY04 /FY05

### **TYPE OF PROGRAM/APPLICATION**

R&D/Product Development

### **SCOPE OF PROGRAM/PROJECT**

- *What's being developed, procured, etc:* using an integrated forecast approach, data from pilot reports, radar, satellites, surface observations, and numerical model fields will be implemented over time into a C&V detection and prediction scheme.
- *How will operations be changed/improved:* improved analyses and forecasts of ceiling and visibility will contribute to reduced general aviation accidents.

### **PROGRAM/PROJECT MANAGEMENT**

- *Basic guidance document for this program:* AWRP Technical Direction for the National Ceiling and Visibility Product Development Team.
- *Program/Project verification process:* Monthly and quarterly reporting, program reviews, and RE&D Advisory Committee Project Assessments.
- *Method used for product validation:* N/A
- *Operational training for the user:* N/A

### **SCHEDULE/IMPLEMENTATION**

- *Next major program milestone:* Through a selective fusion of observations and model output, extend C&V forecasts to 12hrs.
- *Program becomes operational:* FY07.
- *Plans for further improvements:* FY08- Alaska analysis; FY09- Alaska forecast.