
Ceiling and Visibility

National Scale

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Photo Credit: AOPA Air Safety Foundation



Overview of National-Scale C&V Grids

| | Diagnosis | Forecast |
|-----------------|--|--|
| CONUS Grids | Operational decision due Qtr 1-2 FY08 | Experimental decision due Qtr 4 FY08 |
| HEMS Display | Operational support uncertain | Not planned |
| Alaska Grids | On hold | On hold |

... more on these three topics

| | Diagnosis | Forecast |
|-----------------|--|--|
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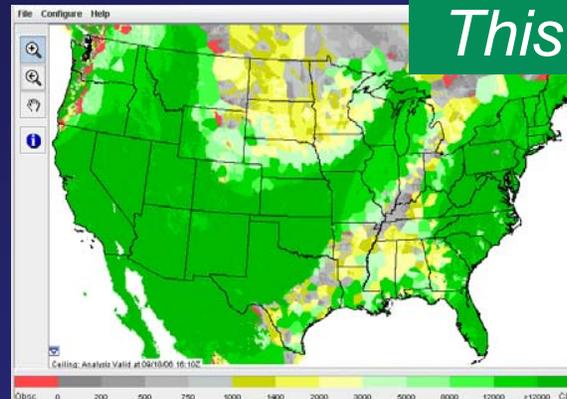
Status: CONUS Diagnosis

CONUS
Diagnosis

Operational
decision
Qtr 1-2 FY08

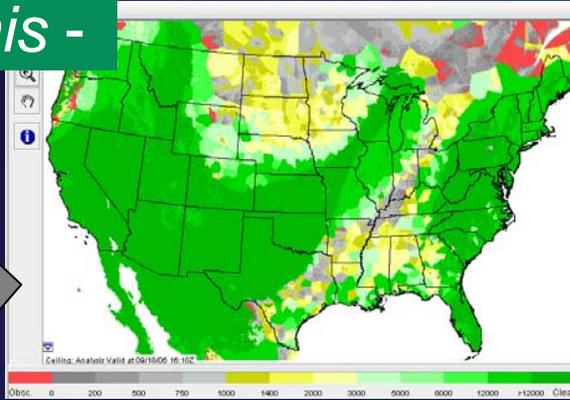
Features

- Automated C, V, Flt Cat.
- Inputs: METARS, satellite
- 5-min update, 5-km grid
- Output: ADDS + GRIB files
- Confidence & other overlays



Status: CONUS Forecast

This -



Persistence

RUC

SREF

LAMP

Ruleset

Statistical
Methods

MOS

NAM

Other

- *integrating these*

Experimental
decision
Qtr 4 FY08

CONUS
Forecast

Features

- Hourly update, 2-10 h fcst.
- 5-km grid
- Agile selection of inputs
- Algorithm in test/revise stage
- Operational in FY10

Status: HEMS Regional Display

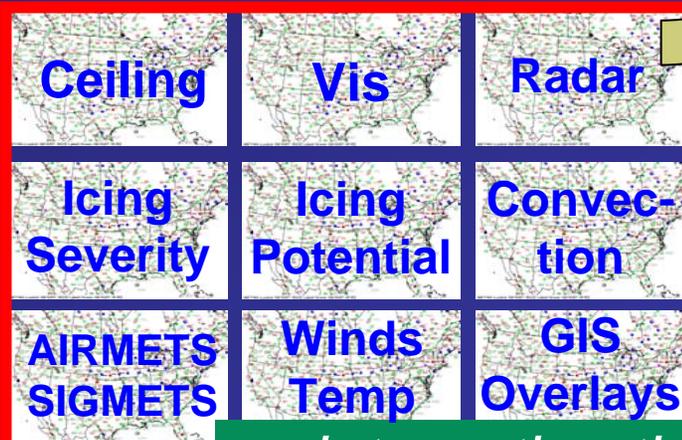
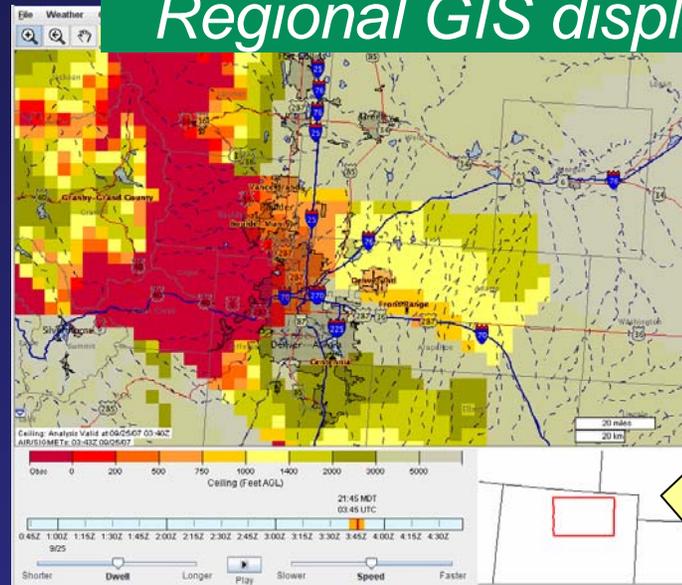
HEMS
Display

Operational
support
uncertain

Features

- Tailored for helicopter EMS
- Accessible thru Exp'l ADDS
- Approved for 'no-go' decisions only
- Surface to 5000' agl
- 5-km grid, 5-min update

Regional GIS display -



- integrating these

Summary: C&V Product Milestones

| | FY08 | FY09 | FY10 |
|-----------------|--------------------------|---|---------------|
| CONUS Analysis | Op'l Qtr 1-2 | OPS | OPS |
| CONUS Forecast | Exp'l Qtr 4 |  | Op'l Qtr 4 |
| HEMS | Status TBD | ? | ? |
| Alaska Products | Development Priority TBD | | |