

# Statement of Model Analysis and Guidance Planned Updates

## Schedule of Proposed Changes

### Enhancements to the MAG web site:

#### *Quarter 4 – Anticipated deployment September 2012*

- **Precipitation Products –**
  - Change “total precipitation” label on precip interval maps (03, 06, 12, ...)
  - Add precipitation type to all appropriate models
- **Add SREF products – bias corrected, etc. (Model Implementation Dependent)**
- **Add Rapid Refresh specific products – replace RUC completely**
- **Add Radar depiction product**
- **Add South Pacific Map area – include Australia**
- **Add MSLP to RTMA**
- **Support user ability to more easily bookmark sections, images, loops**
- **Add choice of 3 or 6 hour loop intervals where appropriate**
- **Add lat/lon lines to products – especially over ocean products**
- **Add additional fields to NAM High Resolution Nest**
  - 2m temperature and dew point temperature for CONUS and Alaska
  - CAPE/CIN and Helicity for CONUS, plotted the same as RUC
  - Cloud base height and visibility for CONUS and Alaska

#### *Additional Planned Updates – Anticipated deployment late 2012*

- **Infrastructure –**
  - Update GEMPAK
- **RTOFS Products (Model Implementation Dependent)**
  - Surface Parameters for HIRES Window (Model Implementation Dependent)
- **Reorganize RTMA areas**
  - Create smaller areas for finer details
  - Create large consolidated areas (CONUS to Regional) for overall view
- **Change site navigation color scheme**
  - Provide more page balance and higher contrast selection menus
  - Ensure choices are apparent – page flow is logical & intuitive
- **Provide progress status indication – allow users to see progress of product creation during cycles**