

Statement of Model Analysis and Guidance Planned Updates

Schedule of Proposed Changes

Enhancements to the MAG web site:

Quarter 3 – Anticipated deployment near July 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

Quarter 4 – Anticipated deployment near October 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**
 - Provided 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**