

# Schedule of Proposed Changes

## Enhancements to the MAG web site:

### *Quarter 3 – Anticipated deployment 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

## Latest News

### **New in MAG 2.1 – Anticipated summer 2012**

1. Addition of NAM-HIRES products for NAMER and ALASKA areas.
2. Models in Model Guidance have been rearranged to allow for new NAM-HIRES and organized from a global level to the more regional models, running left to right
3. Addition of POLAR area to GFS, GEFS-MNSPRD, and NAEFS; however precipitation products for these models in the polar area are not yet available
4. Skew-T:
  - a) Skew-T products now include significant temperature and dew point levels in addition to the current mandatory levels.

### **New in MAG 2.0.5 – June 5, 2012**

1. Bug fix for 4 panel products

### **New in MAG 2.0.4 – May 22, 2012**

1. Hovering over the +Latest News link at the top right corner of the main page drops down a menu where the documentation for the site is now located
2. Home page includes last modified date and version number below map image
3. Redesign of site to reduce space on menu pages and wrap them in the National Weather

Service header and left side navigation.

4. New buttons at the image level
  - a) Model guidance images have button “Model” which allows users to go back to the Model Guidance page
  - b) Observation and Analyses images have a button titled “Obs & Analyses” which will take users back to the Observation and Analyses page and the ability to select a new observation type and/or area
  - c) Tropical Guidance images have a button titled “Tropical Models” which allows users to go directly back to the Tropical Guidance page and select a new storm

\*Note, these buttons are not available on the animation loop pages, only on the image level of the products
5. Skew-T:
  - a) Main parameter page now has the choice to view the available stations either in map or table format, by selecting either option from above the listed cycles
  - b) Map, table, and image pages now have back and home buttons available
6. Inclusion of image title on hover for 4 panels
7. GEFS now include forecast hour 186
8. GFS 6 hour precipitation now stops at forecast hour 204, since no product is currently generated after this point

### **New in MAG 2.0.3 – Jan 4, 2012**

1. The Message of the Day box now contains a link to a .pdf document
2. Hovering over a product image shows the title including parameters
3. Removal of links to legacy MAF

**The Model Analysis and Forecast site was decommissioned on August 27<sup>th</sup>, 2011!**

### **New in MAG 2.0 – July 14, 2011**

1. Multiple image sizes will be made available on the MAG for the North America, Western North Atlantic, and Northern Pacific geographic areas for the same models as available in the MAF.
  - a) Images defaulted to medium size (1024 x 768).
  - b) Other image size choices are: coarse (640 x 480), and fine (1280 x 1024).
2. Four-panel charts will be made available on the MAG for the Global Forecast System (GFS) and North American Mesoscale (NAM) models as in the MAF.
3. Default selections and a reorganization of Model Type and Model Area choices in addition to a change in the method used to select forecast hours and loops will allow selection of images from the top level page in less mouse clicks.
  - a) Default Selections will include:
    - Model Area: North America
    - Image Resolution: Medium (1024 x 768)
    - Available Model Cycle: Most Recent (No change from current behavior)

- b) The ability to retain previous choices and enhanced controls for moving between forecast hours in a series will allow users to more quickly get to product images.
- c) Forecast hour and loop option selections will be through a table of available hours and loop options similar to the MAF site.

### **New in MAG 1.6 – April 6, 2011**

Added links to brief customers on:

- Upcoming changes to the MAG site
- Training resources available
- Message of the Day section
- Make Total Precipitation Scales for GFS and NAM products the same

### **MAG goes operational - March 15, 2011**

The Model Analysis and Guidance page is formally declared operational, replacing the [Model Analysis and Forecast page](#).

- For those users who have been accessing the MAF GIF files directly, this [MAF to MAG translation document](#) will assist in finding the equivalent MAG GIF file.
- [Technical Information Notice](#) for removal of the MAF site
- [Technical Information Notice](#) to declare MAG site operational

### **New in MAG 1.5 - March 8, 2011**

- New regions for GFS, GEFS, and NAEFS:
  - South Pacific
  - Europe
  - Asia
- Updated headers and footers for all images:
  - Header: valid date and hour
  - Footer: model date and forecast hour, and product description

### **New in MAG 1.4 - February 1, 2011**

- Resolution for all images changed to 1024x768
- Migration to flash version of animation software. We are using [FLAniS](#)
- URL for image now displayed at the top of product image, except Skewt station plots. This is only for single image display (not loops).
- Zoom in/out feature added to product image display, except Skewt station plots.

*The Model Analysis and Guidance web site has been more thoroughly tested with Internet Explorer, Mozilla Firefox, and Google Chrome. Other browsers may work, but have not been tested to produce consistent results when displaying product images and loops.*