



EARTHSAT ENQUIRER

Keeping you informed on the latest projects at MDA EarthSat Weather

February/March 2009

Inside this Issue

- Energy Weather.....1
- Ag Weather.....3
- Conferences.....4
- Historical Data.....4

Energy Weather

MDA EarthSat recently launched its newest innovative product -- **Midday Model Predictor (MMP)** Through extensive back testing of model data using a proprietary analysis tool, MDA EarthSat's MMP successfully predicts the outcome (temperature trends) of the 12Z GFS model, 70 to 80% of the time.

MDA EarthSat Weather's MMP includes:

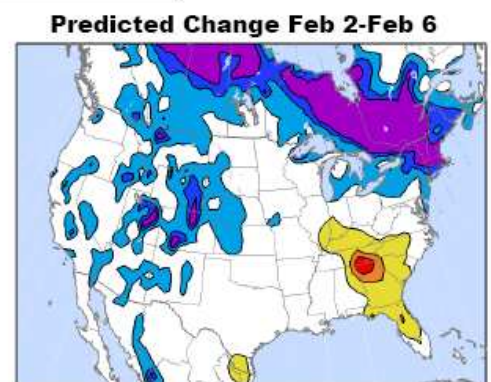
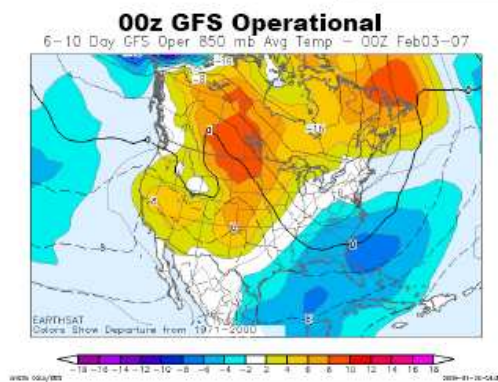
- * Two page .pdf document with 6-10 day and 11-15 day trend outcomes
- * Both the 6-10 day and 11-15 day model change forecasts are broken out day-by-day and also in a composite format.

The MMP product also accommodates time-sensitive markets each morning at 9 am ET, Monday through Friday.

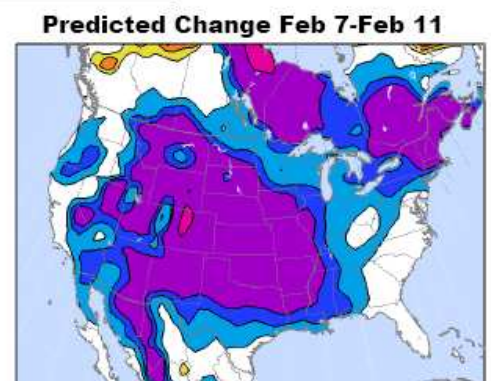
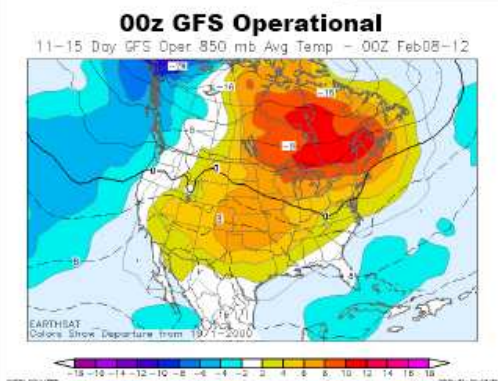
Sign up for your free trial today!



6 - 10 DAY COMPOSITE MAPS



11 - 15 DAY COMPOSITE MAPS



MDA Federal Inc.
MDA EarthSat Weather
6011 Executive Blvd.,
Suite 400
Rockville, MD 20852
Ph# 240.833.8300
Fx# 240.833.8301

www.mdafederal.com/wx/



Energy Weather continued...

Last month, MDA EarthSat and Riverside Technology, inc. launched a new section of the Western Utilicast/Water Supply product. This new section, called the Pacific Northwest Snow Supplement (issued weekly), includes the following:

- * A table of snow water equivalent at six key points in the basin (volume in 1,000 ac-ft)
- * A map showing areal extent and depth of current modeled snow water equivalent across the basin
- * A map showing the 7-day change in snow water equivalent across the basin
- * Time series plots of the current volume of snow water equivalent compared to previous years
- * Issued seasonally: December through May

A partial example of the Pacific Northwest Snow Supplement is shown to the right.

With the help of YellowJacket, MDA EarthSat Weather offers the Live Model Streamer (LMS). With this tool, you can follow along with each critical weather model update as it arrives at MDA EarthSat. A meteorologist will also monitor the model and offer their real-time comments as the weather data appears.

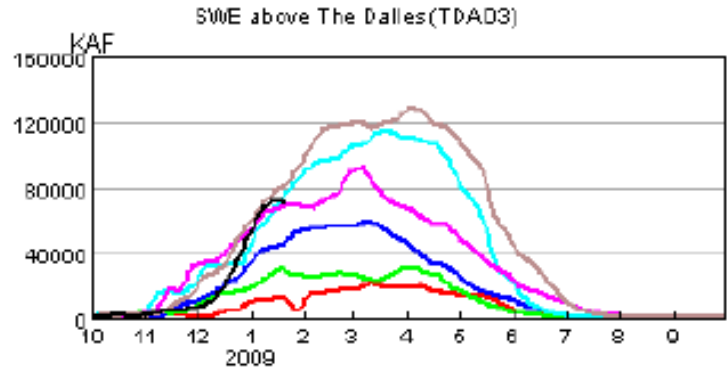
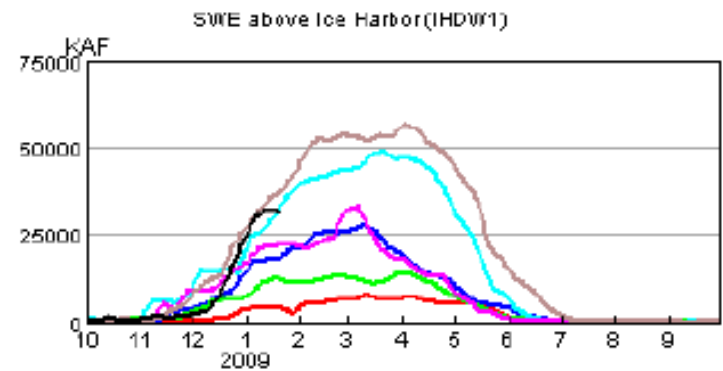
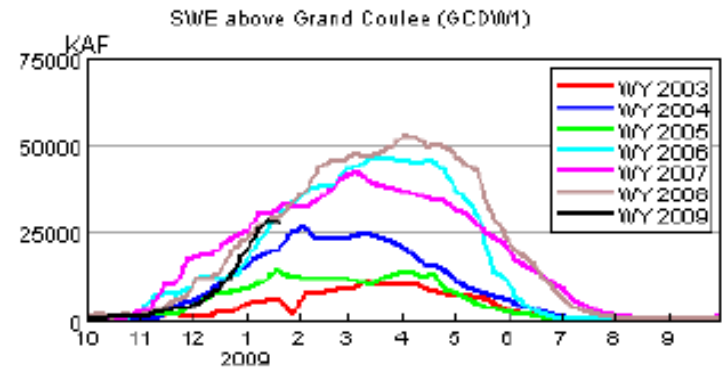
Commentary includes:

- (1) Comparisons to previous weather model runs
- (2) Comparisons to morning MDA EarthSat outlook
- (3) Identification of key features and weather influencers
- (4) Predictions of the balance of model and significant model changes

Model coverage of the LMS includes the following 12 UTC weather model runs on business days (excluding holidays and weekends):

- GFS (American Model)
- GFS Ensemble (American Model)
- ECMWF (European)
- ECMWF Ensemble (European)

Snow Water Equivalent Volume



Do not forget about these products:

CoalCAST

Updates: Monday thru Friday at 10:00am ET

Gas Weather Outlook

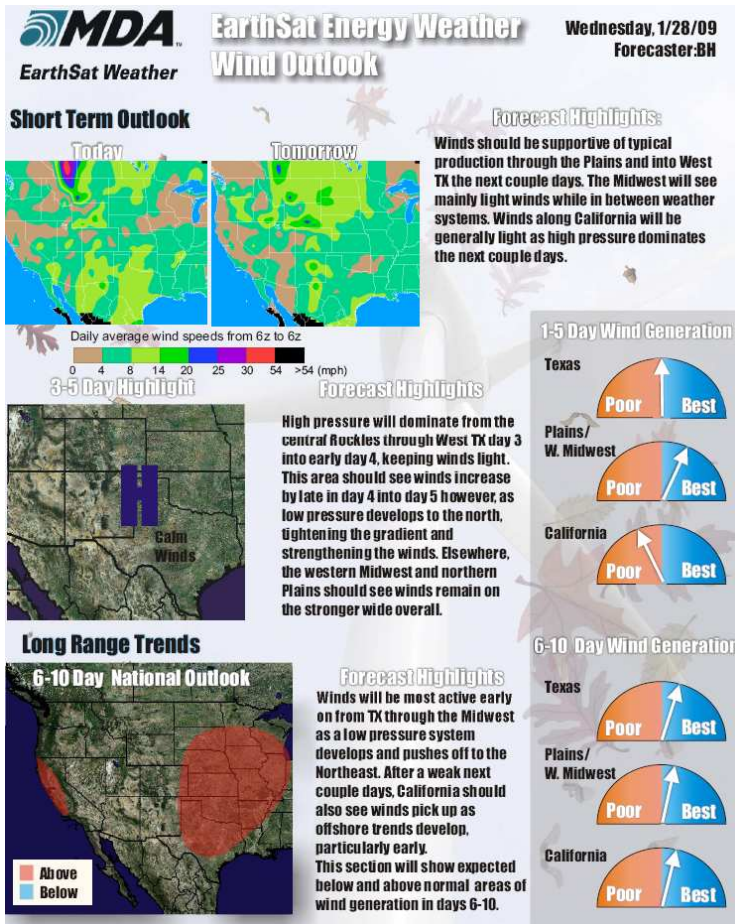
Updates: Monday thru Friday at 8:00am ET

Global Weather Package

Updates: Sunday thru Thursday at 11:30pm ET



Energy Weather continued...



MDA EarthSat Weather is close to launching its US Wind Outlook. A rough prototype is shown to the left. This new product will likely include short term average wind speed maps and maps focusing on trends in the 3 to 5 day and 6 to 10 day. Also, wind generation monitoring will likely be included, which indicate the best regions for strong wind speeds. As with most of our products, a discussion will likely be included.

An ERCOT focused wind product is being developed, too, with hopes of a launch this month.

If you would like to trial/beta test these products, please contact us.

For more information about energy weather products or to sign up, please contact Chris Hyde at christopher.hyde@mdafederal.com or phone direct at 240.833.8322

www.mdafederal.com/wx/

Agricultural Weather

Uncertain about South America corn and soybean production? Get the answers from CropCAST's Crop Estimates from Satellites!

The Crop Estimates from Satellites include:

- * Corn and Soybeans estimates
- * Estimates for both Argentina and Brazil
- * Utilization of EarthSat proprietary satellite analysis software

Do not forget that MDA EarthSat Weather also offers the SoyWarn Service. This product monitors soybean threats throughout Argentina and Brazil. This product provides both forecast and recent analyses of growing conditions via user-friendly maps. SoyWarn also includes charts to follow growing conditions at the state level through the season.

Finally, look for the 2nd edition of the Trader's Guide to Agricultural Weather to be released this spring.



For more information about ag weather products or to sign up, please contact Joel Widenor at joel.widenor@mdafederal.com or phone direct at 240.833.8238

www.mdafederal.com/wx/



Conferences

Our 3rd Annual Weather Course for Analysts and Traders will be in the form of a WebEx series. The series will kick off with the actual weather course for traders on Thursday, April 2nd, taught by Matt Rogers. All throughout April, there will be WebEx topics on hurricanes, MJO and other topics related to forecasting. Look for a complete schedule as we get closer. Clients will have the option to pay per presentation and also have the convenience of viewing this from your office/desk.

The 7th Annual Agricultural Conference will once again be in Chicago, IL and take place on Tuesday, April 7th. The event will be held at the Palmer House Hilton. The final agenda is still being worked on, but definitely look for speakers from MDA EarthSat, USDA, RBS Sempra and CME Group. CME Group will once again sponsor the cocktail reception at the conclusion of the conference.



Look for registration information regarding the annual agricultural conference to be sent soon.

The MDA EarthSat/PIRA Energy 2009 spring conference in New York City, NY will be on Thursday, May 7th. Look for more details regarding registration and agenda coming soon.

Finally, the 8th Annual MDA EarthSat Conference for Weather Analysts will once again be in Las Vegas, NV. This year's event will take place October 14th through 16th at the beautiful Venetian/Palazzo resort with all suite/strip view sleeping rooms. Look for the agenda/registration to be sent this spring.

Please remember that all updates of future events/conferences are located at the conferences website:

www.earthsat.com/conferences/

For more information about conferences or to register, please contact
Chris Hyde at
christopher.hyde@mdafederal.com
or phone direct at 240.833.8322

www.mdafederal.com/wx/

Historical Data

MDA EarthSat launched the Data Inventory Tool for clients to use. This web-based tool allows one to look up what historical (climate temp., climate precip., hourly METARS, feeds, etc.) data we have for sale. This handy tool will even assist in locating surrounding stations and map them.

MDA EarthSat also offers cleaned hourly data for 828 US stations. Our off-the-shelf holdings include historical data going back to 7/1/1996 for most cities as well as hourly cleaned feeds.

We also are continuing to expand our international data products as well as processing wind storm data.

For more information about weather data, please contact
Christian Guillemot at
christian.guillemot@mdafederal.com
or phone direct at 240.833.8233

www.mdafederal.com/wx/

Thanks for your business!

Your input into product development is very much appreciated.