Joint Penn State/MDA EarthSat Weather Course for Analysts and Traders

May 21 - 23, 2007
The Atherton Hotel
State College, Pennsylvania

You are cordially invited to attend the Weather Course for Analysts and Traders on May 21-23, 2007, at the University Park campus of The Pennsylvania State University in State College, Pennsylvania. This course is co-sponsored by Penn State's Department of Meteorology and MDA EarthSat Weather. Separate sessions are provided for traders and analysts who need knowledge of meteorology, and for meteorologists who need to enhance their knowledge of the latest state-of-the art information in the world of weather. Participants will receive a certificate and 10.5 Continuing Education Units (CEUs) from Penn State.

As the largest energy weather forecast provider in the world, MDA EarthSat Weather is committed to positively impacting the quality and sustainability of the weather information that is available to the energy industry. The staff of the Penn State University meteorology department has the expertise to teach this weather course. In fact, one out of every four meteorologists in the world is a graduate of Penn State.

The teachers of this course will cover a wide range of weather-related issues that impact the energy markets. The course attendees will have extensive opportunities to exchange ideas, build relationships, and discuss perspectives and strategies to address critical issues with other analysts, traders, and meteorologists in the energy industry. The course agenda will include presentations with question-and-answer sessions.

In addition, there are plenty of opportunities for the participants to network during activities such as golf, a welcome reception, an on-camera tryout, and a tour of the University. The next page is a preliminary agenda for the course and other activities.

Please scroll down or print this document to view additional details. To register, complete and fax the registration form attached.

We look forward to seeing you at the Joint Penn State/MDA EarthSat Weather Course for Analysts and Traders in May. We hope to make this an informative and valuable event for you, your company, and for our industry.

This publication is available in alternative media on request. Penn State encourages persons with disabilities to participate in its programs and activities. If you anticipate needing special accomodations or have questions about physical access provided, please contact Chris Hyde at 240-833-8322 or christopher.hyde@mdafederal.com

PENNSTATE 1855 DEPARTMENT OF METEOROLOGY COLLEGE OF EARTH AND MINERAL SCIENCES

MDA EarthSat Weather Services

Joint Penn State/MDA EarthSat
Weather Course for Analysts and Traders

AGENDA

Unless otherwise noted, all sessions and meals will be held in The Atherton Hotel

Monday, May 21

12:30 p.m. Meet in Atherton Hotel Lobby for Travel to Penn State Blue/White Golf Course

1:00 p.m. Golf

Late afternoon Hotel Check-in

6:30 Welcome Reception at Hotel

Tuesday, May 22

8:00 a.m. Continental Breakfast

9:00 Welcome/Announcements

Break Out Sessions

Traders	*Meteorologists*
Basic Weather Refresher	Weather Modeling Update
* Air Masses	* Mesoscale Modeling
* Fronts	* New Research for Global Models
* High and Low Pressure	* Skill Improvement Rates?
* Climatology	* What's Next?

Noon Lunch

Break Out Sessions Reconvene

Traders	*Meteorologists*
Weather Modeling	Seasonal Forecasting
* What They Are	* Dynamic Modeling?
* Strengths and Limitations	* New Tools
Teleconnections	* What Works, What Does Not Work
* Major Indices	
* Blocking Patterns	
* ENSO	
* New Research (MJO)	

6:00 Dinner at The Nittany Lion Inn

Wednesday, May 23

8:00 a.m. Continental Breakfast

9:00 Announcements/Updates

Break Out Sessions Continue

Traders	*Meteorologists*
Ensembles	Teleconnections and Other Influencers
Extreme Weather Makers	
* Gulf Hurricanes	* Pacific Indices (EP/WPO)
* Greenland Blocking	* Madden-Julian Oscillation
* Bermuda Ridges	* Stratospheric Warming
* Santa Ana Winds	* QBO
	* ENSO

Noon Lunch & Hotel Check out

Lunch Speaker: Andrew N. Kleit
Department of Meteorology
Weather Risk Management

* Weather Derivatives Research and Findings.
* How PSU Prepares Students for Energy Risk Management Industry
* What's New on the Horizon for the Science of Weather?

1:15 p.m. Walking Campus Tour

2:30 Television Screen Tests (Walker Building)

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Weather Course for Analysts and Traders

REGISTRATION

Monday, May 21 - Wednesday, May 23, 2007
The Atherton Hotel
State College, PA

PRICE: $1,870 for the first person
***"EARLY BIRD"* $1,120 each additional attendee**

Sign Up 4/20-5/18
$2,500 first person
$1,750 for additional attendee

Please fax this completed form by Thursday, April 19 to:
Chris Hyde
240-833-8301 (fax)
240-833-8322 (phone)
christopher.hyde@mdafederal.com

Company Name: _____

Attendee: _____

E-mail Address: _____

Phone: _____ **# of Additional Attendees:** _____

Additional Attendees: _____

TOTAL: $_____

Please mark the events you plan to attend:

- ☐ **Monday, May 21 - Golf** **Clubs Needed: R ☐ L ☐**
- ☐ **Monday, May 21 - Evening Welcome Reception**
- ☐ **Tuesday, May 22 - Dinner**
- ☐ **Wednesday, May 23 - Walking Campus Tour**
- ☐ **Wednesday, May 23 - Television Screen Test**

Registration fee covers single room accomodations for Monday and Tuesday nights. Individuals are responsible for incidental expenses.

What type of room: ☐ **Smoking** ☐ **Non Smoking** **Other Info:** _____

The University may cancel or postpone any course or activity because of insufficient enrollment or other unforseen circumstances. If a program is canceled or postponed, the University will refund registration fees but cannot be held responsible for any other related costs, charges or expenses, including cancellation/change charges assessed by airlines or travel agencies.