

# **Agenda: 26th CERES Science Team Meeting**

**Williamsburg, VA  
May 14-16, 2002**

**The Williamsburg Hospitality House, Williamsburg, VA**

## **Major Objectives for the Meeting:**

- *Status of new TRMM and Terra data products:*
  - *TRMM CRS and SRBAVG Products: Edition 2b  
Decision on Validated & Ready for Production*
  - *Terra SSF: Edition 1  
Decision on Validated & Ready for Production*
  - *Status of GEOS 4.0 and ECMWF in CERES algorithms*
  - *Terra long-term calibration stability, FM-2 1% drift correction.*
  - *CERES data processing report*
  
- *Science Team Results*

## **Meeting Minutes: PDF**

*We plan to publish the minutes of the meeting electronically, so please send an electronic copy of your presentation to Jennifer Hubble (j.m.hubble@larc.nasa.gov) either before or following the meeting. Suggested format is a pdf document.*

## **Science Team Dinner**

*There will be Science Team dinner on Wednesday Evening at the Kingsmill Eagles Restaurant. We have had a dinner there once before: it is situated on the 18<sup>th</sup> hole of the Kingsmill River Golf Course used for their PGA event. Directions are attached.*

## Tuesday, May 14

- 8:00 am **Coffee/Danish**
- 8:30 am Meeting Logistics, Welcome *B. Wielicki, J. Hubble*
- 8:40 am Meeting Objectives and State of EOS/CERES/NPOESS *B. Wielicki*
- 9:00 am Aqua Spacecraft & Instrument Status *J. Cooper, P. Brown*
- 9:15 am Terra/Aqua Instrument Status *K. Priestley, J. Cooper*
- Terra drift correction: Terra Edition 2 BDS
- 10:00 am **Break**
- 10:30 am TRMM CRS Edition 2b Validation and Readiness *T. Charlock et al.*
- 11:30 am TRMM SRBAVG Edition 2b Validation and Readiness *D. Young et al.*
- 12:30 pm **Lunch**
- 2:00 pm Terra SSF Edition 1 MODIS Cloud Validation & Readiness *P. Minnis et al.*
- 3:00 pm Terra Edition 1 TOA Flux Accuracy using TRMM ADMs *N. Loeb et al.*
- 3:45 pm **Break**
- 4:15 pm Terra SSF Edition 1 Surface Fluxes, TRMM Edition 2b *D. Kratz, S. Gupta*
- 4:45 pm Terra Edition 2 ES-8, 4, 9 TOA Fluxes *D. Young*
- 5:00 pm S'COOL Update *D. Stoddard*
- 5:15 pm Surface Solar Energy Status *C. Whitlock, P. Stackhouse*
- 5:35 pm **Adjourn**

## Wednesday, May 15

8:00 am **Coffee/Tea/Biscuits**

8:30 am CERES Data System and Data Product Status *M. Little, E. Geier*

9:00 am LaRC ASDC DAAC Status *B. Barkstrom*

9:30 am Working Group Sessions *All*

### **Invited Presentation**

11:45 am A New Approach for Cloud Model Evaluation Based upon Ensemble Cloud-System Analysis of Satellite Data *K-M. Xu*

12:30 pm **Lunch**

### **Co-I Reports**

1:40 pm Spatial and temporal scales of precipitating tropical cloud systems in satellite imagery and NCAR CCM3 *E. Wilcox, V. Ramanathan*

2:00 pm CERES SSF data and the Tropical Iris Feedback *L. Chambers and B. Lin*

2:20 pm Observed decadal variations of the tropical mean radiative energy and Iris estimations *B. Lin, T. Wong, and B. Wielicki*

2:40 pm Status on Decadal Tropical Variability *B. Wielicki, T. Wong*

3:00 pm **Break**

3:30 pm Changes in the Atmospheric Greenhouse Effect during 1985 to 1999 *R. Cess*

3:50 pm Revisions/Validation of LW Model A SRB Decadal clear-sky greenhouse ERBE, TRMM, Terra *A. Inamdar*

4:10 pm Long term solar irradiance variability 1978-2002 *R. B. Lee III*

4:30 pm Homogenization of CERES and Meteosat fluxes: results for reflected solar flux *S. Dewitte*

4:50 pm Combination of CERES/Terra and Meteosat-5: time interpolation and deep convection studies *M. Viollier*

5:10 pm **Adjourn**

**6:30 pm CERES Dinner at Eagles: Kingsmill on the James Resort in Williamsburg**

## Thursday, May 16

8:00 am **Coffee/Tea/Bisquits**

### **Co-I Reports Cont'd**

8:30 am CLAMS: Experiment Summary and Early Results *W. Smith Jr., T. Charlock,  
K. Rutledge, T. Zhang*

8:50 am Superparameterizations: More Results and More Ideas *D. Randall*

9:10 am Evaluating NCEP cloud/radiative parameterizations with CERES *S-K Yang, A J. Miller and Y-T Hou*

9:30 am Cloud Cover Validation using Ground Measurements *T. Berendes, R. Welch, D. Berendes,  
E. Dutton, T. Uttal, P. Minnett and  
E. Clothiaux*

9:50 am MODIS/Surface Cloud Comparison at ARM NSA *X. Dong*

10:10 am **Break**

10:40 am Cloud properties for partly cloudy pixels *J. Coakley, Jr., M. Friedman,  
W. Tahnk*

11:00 am Daytime multi-layer cloud detection with MODIS *B. Baum*

11:20 am General considerations in the retrieval of ice cloud properties using satellite data *Q. Han*

11:40 am Improved Thermal Leak Correction in VIRS 1.6  $\mu\text{m}$  channel for Aerosol Retrievals *A. Ignatov, I. Laszlo, N. Nalli*

12:00 pm **Summary/Action Items** *B. Wielicki*

12:30 pm **Adjourn**

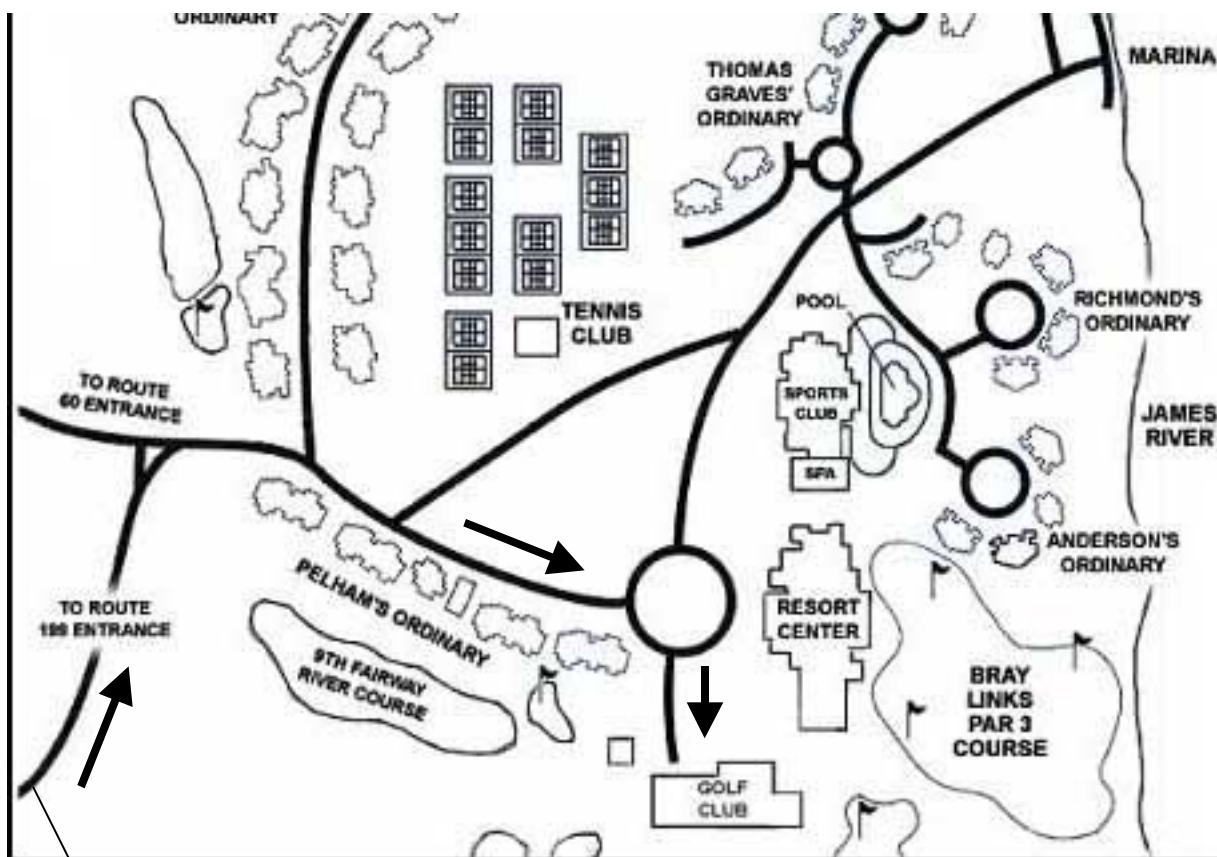
## Directions to Eagles at the Golf Club from the Williamsburg Hospitality House

(for the menu: [http://www.kingsmill.com/dining\\_eagles.html](http://www.kingsmill.com/dining_eagles.html))

1. From the Williamsburg Hospitality House, take a left onto Richmond Rd.
2. You will pass a couple of churches, sorority, and fraternity houses on the left.
3. Once you reach confusion corner (you will know), merge right onto Jamestown Rd.
4. Follow Jamestown Rd. to the light at the 4-way intersection. Suntrust on your left; CVS pharmacy on your right.
5. Make a left at this light onto Route 199.
6. At the third stop light, make a right on Mounts Bay Road to enter Kingsmill Resort.
7. Stop at the guard gate, tell them you are going to Eagles, and obtain a pass. (Each car load will have to do this).
8. After the guard gate, stay on the same road and follow it around to a stop sign.
9. Make a right at the stop sign.
10. Follow this road all the way around until you reach a traffic circle.
11. Enter the traffic circle and make an immediate right.
12. Eagles at the Golf Club will be in front of you at the bottom of the hill. It is a burgundy and green building.

**Reservations are at 6:30 p.m. under Jennifer Hubble**

### Map showing the Kingsmill Resort



Mounts  
Bay Rd.