

**Agenda: 24th CERES Science Team Meeting**  
**Omni, Newport News, VA**  
**May 1-3, 2001**

*Major objectives for this meeting:*

- *Science Team results*
- *Status of new data products in development and validation: MODIS/VIRS clouds, TRMM ADMs, early SARB results using draft TRMM ADMs.*

*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.*

**Tuesday, May 1**

8:00 am	Coffee, Danish	
8:30 am	Meeting Logistics	<i>J. Hubble</i>
8:45 am	Meeting Objectives and State of EOS/NPOESS	<i>B. Wielicki</i>
9:00 am	CERES Data Production and EOSDIS	<i>B. Barkstrom</i>
9:10 am	Terra/Aqua Instrument Status	<i>K. Priestley, L. Brumfield</i>
10:00 am	Break	
10:30 am	VIRS/MODIS Cloud Status	<i>P. Minnis</i>
11:15 am	TRMM ADM Development Status	<i>N. Loeb</i>
12:15 pm	Lunch	
1:30 pm	First Year of Terra Global Fluxes	<i>T. Wong</i>
1:45 pm	TISA using geostationary status	<i>D. Young</i>
2:00 pm	CLAMS 2000 field experiment	<i>W. L. Smith, Jr.</i>
2:15 pm	ECMWF and GEOS Tests	<i>F. Rose</i>
2:30 pm	Surface and Atmosphere Fluxes	<i>T. Charlock, F. Rose</i>
3:15 pm	Validation of SSF Surface Fluxes	<i>D. Kratz, S. Gupta</i>
3:30 pm	Break	
4:00 pm	CERES Data Production Status	<i>J. Kibler</i>
4:15 pm	Data Production Tiger Team Report	<i>C. Mackey</i>
4:30 pm	Solar Power Applications	<i>C. Whitlock</i>
4:45 pm	S'Cool Status	<i>L. Chambers, D. Young</i>
5:00 pm	Adjourn	
6:00 pm	Start of poster set up at Marlbank Cove Clubhouse	<i>Poster presenters</i>
6:30 pm	<b>Reception/Poster Session at Marlbank Cove Clubhouse</b>	<i>All</i>

## Wednesday May 2

8:00 am Coffee, Danish

8:30 am **Working Group Sessions**

12:00 pm Lunch

1:15 pm **Invited Presentations:**

1:15 pm The Solar Radiation and Climate Experiment (SORCE) *Gary Rottman*

2:00 pm The Radiative Feedback of Tropical Anvil Clouds: Negative or Positive?  
*B. Lin, B. Wielicki, L. Chambers, Y. Hu, K. Xu*

2:45 pm **Co-I Reports**

2:45 pm What Might We Learn With A Long-Term Record Of ERBE-Like OLR Measurements?  
*R. Cess and P. Udelhofen*

3:05 pm Atmospheric Greenhouse Effect From ERBE, TRMM & TERRA: Relationship With  
Total Column & Layered Precipitable Water *A. Inamdar, Ramanathan*

3:25 pm Break

3:50 pm Precipitation From Mesoscale Convective Clouds: TRMM And GCMs *L. Donner*

4:10 pm An Overview Of Stratospheric Temperature And Ozone From NCEP Analyses *J. Miller*

4:30 pm NCEP GDAS Relative Humidity And Forecasts *S. K. Yang*

4:50 pm Use Of ECMWF Data To Force Cloud Models *D. Randall*

5:10 pm Acrobatics to Squeeze Aerosols and their Direct Radiative Forcing out of the CERES CRS  
(SARB) Product *T. Charlock, F. Rose, D. Rutan, L. Coleman, and B. Collins*

5:30 pm Options for the Third Generation Aerosol Retrieval Algorithm and the Status of SSF(Ed1)  
Validation and Channel 2 Dark Count Variability Studies. *L. Stowe, A. Ignatov, T. Zhao*

5:50 pm Adjourn

## Thursday May 3

- 8:00 am Coffee and Danish
- 8:30 am Validation of Cloud Cover using the ARM sites *R. Welch*
- 8:50 am Cloud Validation Data Sets for the Arctic *T. Uttal*
- 9:10 am Comparison of Stratus Cloud Properties Deduced from Surface, GOES/MODIS and Aircraft Data during March 2000 Cloud IOP *X. Dong, P. Minnis, M. Poellot, G. Mace, W, Smith Jr, S. Sun-Mack , R. Marchand*
- 9:30 am Uncertainties in Cloud Base Heights Determined by Rawinsonde Data Using Different Thresholds *Q. Han*
- 9:50 am Cloud overlap detection using MODIS data *S. Nasiri and B. Baum*
- 10:10 am Homogenization of GERB and CERES fluxes. *S. Dewitte*
- 10:30 am Break
- 11:00 am Consistency checks between ES9-S4 CERES data and ScaRaB computations *M Viollier, R. Kandel, P. Raberanto*
- 11:20 am CERES RAP data for field experiments *M. Haeffelin*
- 11:40 am Summary/Action Items *Barkstrom/Wielicki*
- 12:00 pm Adjourn