

# Meeting Objectives

## State of EOS/NPOESS/CERES

24th CERES Science Team Meeting

May 1, 2001

Omni, Newport News, VA.

# Meeting Objectives

- Terra Instrument Calibration status
- Cloud Property Status: TRMM/Terra
- First Look at CERES/TRMM ADMs:
  - How good are they?
  - What needs improvement? Issues for clouds?
  - Should we put out a “beta” Edition 2 TRMM SSF with cloudy sky fluxes in LW and SW?
  - CRS runs with new ADMs
  - Final version due August, 2001 as planned.
- TRMM/Terra Science Results

# State of EOS

- Recompetition still being planned: reasonable approach:
  - Expecting fall proposal submissions
  - Might be 3 to 6 months extensions of current science team contracts beyond Dec, 2001.
  - RFPs for algorithm/data product completion/production (e.g. CERES data products on TRMM, Terra, Aqua)
  - NRA for science data analysis/use/validation (e.g. all CERES science studies and some validation especially any IOPs)
- Space station over-runs not taken out of EOS, but counting on Busch's promise to eliminate earmarks (~\$150M of last EOS budget)
- Ghassem indicates Busch's 2003 budget good (2002 ok).
- NASA HQ not certain about "science teams": a problem for reviewing instrument data products regularly.

# State of NPOESS

- RFP for CERES-Like instrument on NPOESS expected in fall of 2001.
- Expect equal to or better than current CERES instruments, but NPOESS is not looking for major new capability: they are leveraging off EOS developments.
- Continue CERES data products developed in EOS, using ADMs from Aqua (same 130pm orbit) and CERES TISA strategy to combine geo and leo for diurnal sampling.
- Gap in radiation data at end of Aqua mission (2006) to first NPOESS mission (2009) still exists : symptom of a lack of a “climate agency”.
- Otherwise NPOESS continues on track.

# State of CERES

- The budget war may finally have ended after 13 months in the trenches and countless bottoms-up/top down analyses.
- Previous dire 50% cuts in data product development funds appear unlikely (as of last week).
- Recompetition appears to have a reasonable rationale: no longer one size fits all.
- The message that high accuracy climate data products take longer to develop and validate is finally getting through.
- We will keep the team informed as details of the recompetition emerge.
- Science team members: get me your thoughts on the value of science teams to continually review algorithms/products.