

2005 Precipitation Measurement Missions Science Team Meeting Agenda Monterey, CA



DAY-1: December 12, 2005

9:00 – Welcome

9:10 – Opening Remarks — Robert Adler and Arthur Hou

9:20 – TRMM Science Status Overview — Robert Adler

9:50 – GPM Science Status Overview — Arthur Hou

10:20 – Morning Break

10:50 – GPM Project Status — John Durning

11:20 – TSDIS/PPS Status — Mike McCumber

11:35 – Overview of TRMM/GPM activities in Japan — Tasuku Tanaka/Tetsuo Nakazawa/Kenji Nakamura

12:05 – Open Discussion

12:15 – Lunch

1:45 – Session 1: Status/Issues/Directions for TRMM Level 2 Algorithms - V6 to V7

Session Goal: Define Version 6 issues needing further analysis; begin definition of TRMM Version 7 and transition to GPM Version 0

1:45 – Overview of V6/V7 Issues — Robert Adler

1:55 – Passive Microwave — Chris Kummerow

2:15 – Radar — Kenichi Okamoto

2:35 – Combined — Ziad Haddad

2:55 – Open Discussion

Status/Issues/Directions for TRMM Multi-satellite/Latent-heating Products

3:15 – TRMM Version 6 Multi-satellite Product (3B42) — George Huffman

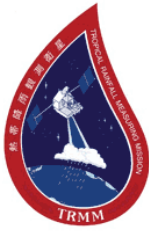
3:35 – NOAA Multi-satellite Products/Relation to TRMM/GPM — John Janowiak

3:55 – Latent heating estimates — Wei-Kuo Tao

4:15 – Open Discussion

4:30 – Poster Session

6:30 – Ice Breaker



DAY-2: December 13, 2005

8:30 – TRMM/GPM Program Overview — Ramesh Kakar

8:50 – Session 2: GPM-related Algorithm Issues

Session Goal: Survey DPR and HF algorithm approaches and issues to form a coordinated strategy for algorithm development

8:50 – GMI Instrument Characteristics — Steve Bidwell

9:10 – Use of High Frequencies — Ralph Ferraro

9:25 – Use of High Frequencies — Gail Jackson

9:40 – Use of High Frequencies — Timothy Liu

9:55 – Use of High Frequencies — David Staelin

10:10 – Open Discussion

10:30 – Break

11:00 – Overview of DPR instrument and algorithm status — Toshio Iguchi

11:20 – DPR algorithm development — Steven Durden

11:40 – Towards combined DPR/GMI algorithms — Bill Olson

12:00 – Open Discussion

12:20 – Lunch

1:45 – Session 3: Validation

Session Goal: Review GPM GV Advisory Panel recommendations and current TRMM GV efforts to integrate PMM and GPM Project GV activities

1:45 – TRMM GV status — David Wolff

2:05 – Recommendations of GV Advisory Panel — Chris Kummerow

2:25 – GVS status and plans — Matthew Schwaller

2:45 – Forum on statistical sites

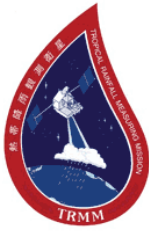
3:05 – Forum on precipitation process sites

3:25 – Forum on integrated hydrological sites

3:45 – Open Discussion

4:00 – Poster

6:00 – Banquet—Soroosh Sorooshian: "Role of TRMM and GPM in GEWEX and WCRP"



DAY-3: December 14, 2005

8:30 – Session 4: GPM Science Requirements and Implementation Plans

Session Goal: Review provisional GPM science requirements and form action items for completing the GPM Science Implementation Plan. For each theme, the panel opens the discussion with brief comments by the members, followed by a general discussion by the team. The rapporteurs will summarize the issues and action items in the Wrap-up session on Day 4. Participants (panel & team members) may show a PowerPoint slide or two if preloaded before the morning or afternoon sessions.

8:30 – Theme A – Microphysical processes/SSM/retrieval/CRM (Rapporteur: G. Jackson)

Panel members: William Lau, Gregory Tripoli, Wei-Kuo Tao, Bill Olson, Robert Meneghini, Ziad Haddad, Chris Kummerow, Toshio Iguchi, Kenichi Okamoto

10:00 – Break

10:30 – Theme B – Hydrology (Rapporteur: Marshall Shepherd)

Panel members: Frederic Chagnon, Efi Foufoula, Eric Wood, Christa Peters-Lidard, Soroosh Sorooshian, Matthias Steiner, Charles Vorosmarty

12:00 – Lunch

1:30 – Theme C – Convective System/Storm Structure/Extreme Event (Rapporteur: Scott Braun)

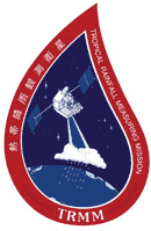
Panel members: Edward Zipser, Robert Houze, Steven Rutledge, Frank Marks, Christopher Bretherton, Richard Johnson, Tetsuo Nakazawa, Kenji Nakamura

2:30 – Theme D – Climate Variability/Global Water/Energy Cycle (Rapporteur: Tom Bell)

Panel members: Pete Robertson, Timothy Liu, Anthony Del Genio, Eric Smith, and George Huffman

3:30 – Theme E – NWP/Data Assimilation/Now Casting (Rapporteur: TBD)

Panel members: T. N. Krishnamurti, Peter Bauer, & Arthur Hou



4:00 – Session 5: TRMM Version 7 Data System Changes Eric Stocker

- format changes
 - HDF5
 - data
 - browse
- realtime impacts
- Toolkit change
- Addition/Loss of services

5:00 – Adjourn

DAY-4: December 15, 2005

8:30 – Session 6: Future directions/Action items for PMM/Wrapup

Session Goal: Further discussions (as necessary) and summaries of 1) issues and plans for TRMM Versions 6/7, 2) proposed revision of GPM L2 Science Requirements, and 3) plans for completing the GPM Science Implementation Plan.

12:00 – End of Meeting