

TIMED Science Working Group Meeting Preliminary Agenda
APL MP3 Room E183, Columbia MD

Tuesday 10-10-06

8:30-8:40	Welcome	Dave Grant/Sam Yee
8:40-8:50	Meeting Goals and Agenda	Yee
8:50-9:00	Mission Programmatic Status	Dave Grant
9:00-9:20	NASA HQ Comments	Craig Pollock/Chuck Holmes
9:20-10:00	Spacecraft Status - proposed new mode of s/c operations during high beta	
10:00-10:20	Break	
10:20-11:40	Instrument Status (20 minutes each) – hardware + data processing status	
	GUVI	Christensen
	TIDI	Killeen
	SABER	Russell
	SEE	Woods
11:40-12:20	Extended Mission Science, Tasks, and Senior Review Recommendations	
12:20-13:20	Lunch	
13:20-14:00	TIMED Data System Feedback and Future Archive Discussion	
14:00-15:00	TIMED Integrated Science Discussion	
	- Current Activities	
	- Future Possibilities	
	- Approach	
	- Specific Areas	
	- etc.	
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15:00-15:20	Break	
15:20-18:00	Current Science Research Highlights	
18:00	Adjourn	

Wednesday 10-11-06

8:30-12:30 Current Science Research Highlights

12:30-12:50 Action Items Summary

- AGU Planning
- Next SWG
- TIMED 5-year Anniversary

12:50 Adjourn

TIMED Science Highlights:

Tao Yuan, Chiao-Yao She, David A. Krueger, Fabrizio Sassi and Rolando Garcia: Climatology of mesopause region temperature, zonal wind and meridional wind over Fort Collins, CO (41N, 105W): Comparison with WACCM predictions

David A. Krueger, Chiao-Yao She, Elsayed Talaat and Sam Yee: Looking for solar cycle effect from TIMED/SABER and Na lidar mesopause region temperatures between 2002 and 2005

J.B.H. Baker and R.A. Greenwald : TIMED-SuperDARN studies of ionospheric convection and atmospheric heating

Hans Mayr, John Mengel, Frank Huang, Kwing Chan: Modeling the Observed Solar Cycle Variations of the Quasi-biennial Oscillation (QBO);

Frank T. Huang, Hans G. Mayr, James Russell, Marty Mlynczak, Carl A. Reber, and John Mengel : Ozone diurnal, seasonal variations, and correlations with temperature in the mesosphere and stratosphere based on measurements from SABER on TIMED and MLS on UARS

Frank T. Huang, Hans G. Mayr, James Russell, Marty Mlynczak, Carl A. Reber, and John Mengel: Ozone quasi-biennial (QBO) variations in the mesosphere, lower thermosphere (MLT) and stratosphere based on measurements from SABER on TIMED;

Ping-Ping Rong: An investigation of the winter polar climate in the stratosphere and mesosphere using v1.06 SABER/TIMED nighttime measurements

J. Forbes: Planetary wave period oscillations and tides from SABER temperatures"

A. Smith: Mesopause structure from SABER

A. Smith: Evidence for the interaction of planetary waves and tides from SABER and ground-based data.

J. Comberiate: Tomographic Imaging of Equatorial Plasma Bubbles with GUVI

M. Mlynczak and J. Russell, Evidence for Solar Cycle Effects on the Heat Budget of the Thermosphere

E. Talaat: Observations of low-latitude ionosphere variability