

MOHAVE 2009 Workshop 1

NOAA, Boulder, CO, February 9-11, 2010

Tuesday February 9th, 2010

9:00 Welcome

- Opening and Logistics D. Hurst
- Agenda review and update T. Leblanc and All

9:15 MOHAVE 2009 General

Review of operations and datasets (15 min) T. Leblanc

Review of Measuring Techniques (2 - 5 min each, no validation, no science)

- CFH H. Vomel
- NOAA-FPH E. Hall, A. Jordan
- Raman Lidar T. Leblanc
- THref L. Miloshevich
- GPS S. Gutman
- FTS G. Toon
- Microwave G. Nedoluha

10:15 Coffee Break

10:30 MOHAVE 2009: General (continued)

Review of Measuring Techniques (continued)

- Aqua- AIRS E. Fetzer
- Aura- MLS G. Nedoluha
- Aura- TES B. Herman
- ENVISAT-MIPAS G. Toon for G. Stiller
- ACE- FTS G. Toon for K. Walker

Review of atmospheric conditions during the campaign T. Leblanc

Discussion (if needed) All

12:00 Lunch Break

13:30 Balloon Data vs. Others

- CFH Data Validation H. Vomel
- NOAA-FPH Data Validation D. Hurst
- PTU Sonde Data Validation L. Miloshevich
- Discussion on the Debriefing Meetings All

- Other discussions and definition of Action Items All

15:00 Coffee Break and Adjourn for the Day

Wednesday, February 10th, 2010

09:00 Recent Lab. Experiments

- AquaVIT Results D. Fahey
- Frost-Point PID and frost layer detection tests T. Thornberry
- Discussion and definition of Action Items All

09:30 Lidar Data vs. Others

- ALVICE Lidar Data Validation (travel issues) S. McDermid for D. Whiteman
- AT and STROZ Lidars Data Validation (travel issues) S. McDermid for T. McGee
- JPL Lidars Data Validation T. Leblanc
- Discussion and definition of Action Items All

10:15 Coffee Break

10:30 Microwave and FTS vs. Others (H2O profiles)

- MIAWARA Data Validation G. Nedoluha for C. Straub
- WVMS Data Validation G. Nedoluha
- MkIV Data Validation (G. Toon Retrieval) G. Toon
- MkIV Data Validation (M. Schneider Retrieval) G. Toon for M. Schneider
- Aura-TES Data Validation (moved from Thurs AM) B. Herman
- Discussion and definition of Action Items All

12:00 Lunch break

13:30 Column Water

- GPS IPW Data Validation S. Gutman
- GPS IPW Suominet Data Validation T. Vanhove
- MIAWARA IPW Data Validation G. Nedoluha for C. Straub
- WVMS IPW Data Validation G. Nedoluha
- MkIV IPW Data Validation G. Toon
- MkIV IPW Data Validation (R. Sussmann Retrieval) G. Toon for Ralf Sussmann
- FTUVS IPW Data Validation G. Toon for S. Sander
- Discussion and definition of Action Items All

15:00 Coffee Break and Adjourn for the Day

18:30 Social Dinner at Boulder Dushanbe Teahouse

Thursday, February 11th, 2010

9:00 Satellite Measurements

- Aura MLS Data Validation G. Nedoluha for B. Read
- Aqua- AIRS Data Validation E. Fetzer
- ENVISAT-MIPAS Data Validation G. Toon for G. Stiller
- ACE- FTS Data Validation G. Toon for K. Walker
- Discussion and definition of Action Items All

10:15 Coffee Break

10:30 Other Presentations

- The UTLS: A Review of results from the NCAR '09 Workshop L. Pan
- Water Vapor – Ozone Correlations from Balloon Measurements R. Selkirk
- H₂O–O₃-PV Correlations in the UTLS as seen by Lidar T. Leblanc
- Discussion and definition of Action Items All

12:00 Lunch break, or Adjourn Workshop

13:30 Concluding Discussions

- Review of Action Items by Instrument
- Definition of a 2010 MOHAVE Timeline for Final Datasets
- Updates to MOHAVE 2009 Website
- Definition/review of Advanced Science Studies All
- Workshop #2: Bern, June 28 2010, or Mid-October 2010?
- Participation to upcoming conferences (Special Session?)
- Contribution to Peer-review Journals (Special Issue?)

15:00 Coffee Break and Adjourn Workshop

15:15 Additional Discussions (if needed)

- TBD

16:30 Adjourn Workshop