2006 Meeting of GEWEX Cloud Assessment

6 – 7 July 2006, Madison, Wisconsin

Draft Agenda

DAY 1

8:00 *Coffee and Welcome*

8:30 Introduction (Bryan Baum, Claudia Stubenrauch)

Longterm Cloud Data Sets

Chair: Paul Menzel

8:45 Scientific Maturity of Cloud Products: Bruce Barkstrom, John Bates

9:05 Assessment of cloud properties from satellite data: ISCCP, TOVS Path-B and UW-HIRS: Claudia Stubenrauch

9:30 Assessment of the Usefulness of Atmospheric Satellite Sounder-Based Cloud Retrievals for Climate Studies (TOVS Path A, ISCCP, AIRS): Gyula Molnar, Joel Susskind

9:50 PATMOS-x Status and Comparison to Other Climatologies: Andrew Heidinger

10:15 The effects of diurnal cycles and sensor scan angles on cloud statistics (UW-HIRS): Don Wylie

10:35 *Coffee break*

Chair: Ralf Bennartz

11:05 Checking Other Causes of Cloud Changes: William B. Rossow

11:30 Comparing ISCCP and GEWEX products: Stefan Kinne

11:50 Global Trends of Liquid Water Clouds from Eighteen Years of Microwave Satellite Data: Initial Results: Chris O'Dell

12:10 TBD

12:30 *Lunch break*

Chair: Steve Ackerman

14:00 Techniques for identifying likely artifacts in cloud data (ISCCP, surface): Joel Norris

14:20 Trends and regional correlations of cloud types from surface observations: Stephen Warren, Ryan Eastman

14:45 **Discussion session**: how to summarize our findings (quantitatively)?

15:30 *Coffee break*

16:30 **First conclusions**

Chair: Eugene Clothiaux

16:50 Long-term analyses of surface shortwave irradiance, clouds, and aerosols over China (pyranometer 1960-2000): Tadahiro Hayasaka

17:10 Important data of cloud properties for assessing the response of GCM clouds in climate change simulations: Yoko Tsushima

17:30 End of session

DAY 2

Cloud Data Sets from Second Generation Instruments

Chair: Karl-Göran Karlsson

8:15 Cloud Trends and Anomalies Observed by MISR: Roger Davies

8:45 The climatology of small tropical oceanic cumuli: from new findings to old problems (ASTER, MODIS, MISR): Larry Di Girolamo

9:15 Exploring similarities and differences between MODIS, PATMOS and ISCCP: Amato Evan

9:40 Comparison of cloud amounts from MODIS, TRMM, ISCCP and SAGE: Patrick Minnis

10:00 Analysis of Three Years of Ice Cloud Properties Over the Tropics from MODIS: Ping Yang

10:20 *Coffee break*

10:50 **Discussion session**: what is still to do to finalize the cloud assessment?

Chair: Shaima Nasiri

12:10 Assessment of the Accuracy of METEOSAT-8 Cloud Property Retrievals using CLOUDNET Observations, (1 year): Rob Roebeling

12:30 CloudSat Data Processing and Products: Donald Reinke

12:45 *Lunch break*

Longterm Polar Cloud Data Sets

Chair: Takashi Nakajima

14:00 Intercomparison of Polar Cloud Climatologies: Xuanji Wang, Jeff Key, Rich Frey

14:40 Seasonal and Interannual Variations of Cloud Cover over Polar Regions (CERES, TOVS, ISCCP): Seiji Kato

15:00 The Latest on Surface Observations of Arctic Clouds: Taneil Uttal

15:20 *Coffee* + **Discussion session**: how to summarize polar cloud assessment and what is still to do?

17:00 Adjourn