

## **US CLIVAR MJO WG**

### **Telecon Minutes**

June 27, 2006; 12:00-1:30pm US West Coast

**Telecon Participants:** J. Gottschalck, E. Maloney, S. Schubert, K. Sperber, W. Stern, F. Vitart, D. Waliser, W. Wang, K. Weickmann, C. Zhang

**Metrics Update:** Ken led the discussion summarizing the results on the example calculations of proposed level 1 MJO metrics for CMAP and TRMM rainfall (DW), NCEP/NCAR u850 (EM), and NOAA OLR (KW). For the most part, the proposed level 1 metrics were found to be agreeable although a number of questions arose in the course of implementing the calculations by three different people. In most cases, the discussions provided the needed answers or modifications. The example calculations (**TeleconMetric1.060627.pdf**) and the augmented version of the proposed level 1 diagnostics with pending questions (**Level1\_Metrics.060627.doc**) are provided in separate attachments. The biggest uncertainties arising from this discussion were the utility of adding single field EOFs as proposed and whether to add wavenumber-frequency spectra at this level. Overall it appeared that single field EOFs were useful for a level 1 metric with the acknowledgement by all that more exacting forms of mode analysis (e.g., combined EOFs) would be needed for higher level diagnostics. In addition, all agreed that the wave-freq spectra were valuable and the only question that remained was whether to consider them in the proposed level 1 or level 2 metrics. For more details regarding the discussion, remaining caveats, other suggestions, etc, please see the additional attached documents. It is expected that Klaus, Eric and Duane will revise their example calculations to accommodate the suggestions and these will be discussed at the next telecon along with a more indepth and specific discussion for level 2 metrics.

**Simulation and Forecasting Resources:** Siegfried provided an update to the group regarding the information he has gathered regarding available model simulation and forecasting resources that the Working Group may want to take advantage of in terms of planning workshop activities as well as possibly contribute to the coordination of in order to extract the most benefit out of the planned analyses of these resource. The data resources are quite extensive and Siegfried has agreed to summarize his assessment in a page or in the coming weeks, either before the next telecon or for sure prior to the Working Group meeting in July.

**Planning for Working Group Meeting in July:** Discussion confirmed the following.

Expected Attendees: Waliser, Sperber, Zhang, Maloney, Weickmann, Moncrieff

Expected Absences: Schubert, W. Wang, Donner, B. Wang

International and other Additions/Substitutes: Hendon, Woolnough, Higgins, Stern

Development of the agenda for the Working Group meeting will be drafted prior to the next telecon and finalized shortly thereafter.

**Discuss issues regarding time and multiple, conflicting, complementary meetings in relation to Workshop plans in 2007:** Ken informed us that the AAMP meeting has firmed up and will be held the week of February 19, 2007. The expected IPRC Monsoon or CLIPAS meetings have not been firmed up. As yet no date or specific agenda has been crafted for a MJO Working Group Workshop; this is expected to be discussed at the upcoming Working Group meeting.

**Web site and Outreach Issues:** Most comments have been incorporated into the MJO WG web site. Eric M. has looked into summary material that already exists on the web and plans to determine from this if it is worth developing a standalone page for the MJO WG web site that may also refer to these

resources or whether it is best to develop the summary tutorial strictly by referring to these pages more directly. In addition, near-term theme pages are expected from Eric (hurricanes/mjo), Chidong (ENSO/mjo), Gabriel Vecchi (High Lat/mjo), and Duane (CHL/mjo). The goal is to have at some of these available by the WG meeting with the expectation that obtaining additional ones will be easier once there are working examples.

**Next Telecon:** Expected to be the 18 or 19 of July, the week before the WG meeting. We will poll participants prior to the meeting.