

GIFS-TIGGE Working Group Meeting

Seventh meeting

1800, 15 September 2009, Driftwood 1, Portola Hotel, Monterey

DRAFT MINUTES

Present: Zoltan Toth (NOAA), Richard Swinbank (UKMO), Ken Mylne (UKMO), Carole Labadie (Meteo-France), David Monkam (Univ. Douala), Jim Caughey (WMO), David Burrige (WMO), Dave Parsons (WMO), Olivier Talagrand (LMD/CNRS), Tom Hamill (NOAA), Kaustuha Bhattacharya (NCMRWF), Bian Xiaofeng (CMA), Jing Chen (CMA), Tetsuo Nakazawa (JMA), Mio Matsueda (JMA), Laurie Wilson (EC), Tiziana Pacagnella (ARPA-SIM), Craig Bishop (NRL), Baudouin Raoult (ECMWF), Kamal Puri (BoM), David Richardson (ECMWF), Peter Chen (WMO), Doug Schuster (NCAR)

1. Opening

RS welcomed everyone to the meeting. Given the limited time available this evening, RS explained that we would not go through the detailed actions agreed at the previous working group (WG) meeting, but we would instead limit the agenda to the highest priority items. We plan to have a full meeting in a few months' time where issues would be discussed at greater length. Since several attendees were observers or were standing in for regular WG members, all the meeting participants introduced themselves before proceeding with the formal agenda.

2. Publicising TIGGE

RS highlighted the importance of publicising TIGGE to both current and potential users of the TIGGE archive data. A particular priority, to help researchers understand the TIGGE data, is to ensure that the model descriptions that are available on the website are both complete and up to date. He noted that a few centres had still not provided model descriptions in the Excel format agreed previously by the WG.

Action 7.2.1: **RS** to send a further request to centres which have not provided descriptions in the agreed format.

Action 7.2.2: **All** to provide updates to model descriptions after significant changes

It was suggested that we should publicise both research studies carried out using TIGGE data, and information about ensemble forecasting techniques used by the TIGGE forecast centres. RS noted that the TIGGE website carries a list of TIGGE-related publication, though this is not necessarily up to date.

Action 7.2.3: **All** to send details of TIGGE-related papers to ECMWF for inclusion on the website.

DB asked the working group to consider ourselves a group of scientists promoting ensemble prediction, rather than just technical experts. RS said that the co-chairs would like to develop the TIGGE website to include more information about the GIFS-TIGGE working group and our meetings, and to include plans for GIFS as they

develop. DR confirmed that ECMWF are happy to continue hosting the TIGGE website.

Action 7.2.4: RS & ZT to liaise with DR over expanding material on the TIGGE website

Although the usage of the TIGGE data was thought to be higher than suggested by the raw usage statistics of the TIGGE data, RS said that the WG needs to consider ways to publicise TIGGE both nationally and regionally. DB asked the co-chairs to provide illustrations and write a one-page description to help publicise TIGGE at the GEO plenary. This flyer could also be used for general promotion of TIGGE. DB suggested promoting TIGGE via national Meteorological Societies, and volunteered IPO help.

Action 7.2.5: RS & ZT to provide TIGGE illustrations and write one-pager to help promote TIGGE.

3. GIFS-FDP proposal

RS distributed copies of the latest draft (v4) of the proposal for a GIFS Forecasting Demonstration Project. The aim of the project is to develop and evaluate products to help forecast high-impact weather – specifically tropical cyclones and then heavy precipitation. It is planned to engage with the operational community by initially running GIFS-FDP regional subprojects in conjunction with the CBS Severe Weather Forecast Demonstration Project. The current draft takes into account points raised during the WG teleconference that took place on Given that the briefness of this meeting, there would only be limited time for discussion, but the co-chairs would welcome comments sent by email after the meeting.

DP commented that the project would be more appropriate as a WWRP research & demonstration project (RDP) than a forecast demonstration project (FDP). Verification should be an important component – including user-oriented verification as well as conventional verification statistics. It was noted that verification should be a key component of evaluating products in an RDP. PC commented that, in practice, in was not possible to do as much verification as intended in the Southern African SWFDP subproject. DB asked for additional feedback to be sent to the co-chairs by the end of September, to allow a revised version to be produced in good time for discussion at the ICSC-8.

Action 7.3.1: All to provide any additional comments to RS & ZT by end of September

ZT asked for volunteers to lead the two prototype product development groups. TN agreed to lead the Tropical Cyclone group, probably in conjunction with a colleague from CMA (to be nominated). KP suggested Beth Ebert would also be interested in co-leading the TC group. Although no-one committed themselves to leading the precipitation group, LW said he would consider this.

4. Proposed extended WG meeting

The next meeting of the GIFS-TIGGE WG is planned to be a joint meeting with WWRP-THORPEX and CBS/SWFDP experts. The main focus of the meeting would be development of details plans for the GIFS-FDP. RS suggested meeting in Geneva in February 2010; this would facilitate participation by WMO staff. It should also be

possible to coordinate the WG meeting with a planned meeting of the SWFDP Steering Group which is also proposed for February. It was agreed that this would be a suitable time-frame.

*Action 7.4.1: **RS/ZT** to finalise meeting dates, coordinating with planned SWFDP SG meeting.*

5. Any Other Business

RS noted that the planned Shanghai EXPO project in Spring 2010 needs real-time access to CXML cyclone track forecasts. There was general agreement that this should be expedited.

*Action 7.5.1: **All data providers** requested to enable real-time access to real-time cyclone track forecasts..*