IWW10 WG1: Methods Report

WG1: Methods – Régis Borde and Steve Wanzong

And many participants

Recommendation 1

In response to CGMS-37 R37.23

Height assignment monitoring for all AMV producers

    a. Height assignment validation in general for all types of AMVs, especially using the A-train data, model, sonde, and profiler data.

    b. Results shown at IWW11?

Recommendation 2

In response to CGMS-37 R37.21

IWW10 Support for highly-elliptical orbit mission

    a. Could a letter from the co-chairs be drafted for the record?

Recommendation 3

In response to CGMS-37 R37.18

Further inter-comparison studies

a. All centers are interested, including SAFNWC

b. Will any centers need special data formats?

c. More than 1 time period?

d. When to begin?

e. Data point of contact?

f. Who will do analysis? Eumetsat fellow at ECMWF?

Recommendation 4

In response to the WMO SCOPE-CM (Sustained Coordinated Processing of Environmental Satellite Data for Climate Monitoring).

Re-processing of AMV data; Seek IWW10 Support.

    a. Eumetsat mostly for testing algorithms. No coordinated effort?

    b. NOAA has interest, but no funding path.

    c. KMA has no plans.

    d. CMA would participate, but would need archived model background.

    e. Polar processing ongoing at NOAA/CIMSS (with parallax improvements).

    f. JMA will be done this year (1979 – 2009).

Recommendation 5

In response to CGMS-37 R37.23

Simulated imagery studies

a. Most participants showed some interest in using UW Seviri simulation.

b. Information about this simulation may be found at http://cimss.ssec.wisc.edu/goes_r/awg/proxy/nwp/ncsa_msg/index.html.

c. ECMWF simulation?

d. Do we treat this data like an inter-comparison study?

Recommendation 6

AMV producers encouraged to try nested tracking.

    a. NOAA will supply information on the IWWG website in the form of pseudo-code with best practices information.

Thank You