SESSION I

CURRENT SYSTEMS TO DERIVE ATMOSPHERIC MOTION VECTORS (AMVs)

Chairperson: Donald Hinsman

Session I included presentations from the primary producers (JMA, NOAA/NESDIS, EUMETSAT, Australian BoM and CMA/SMC).

Masami Tokuno from JMA noted that Atmospheric Motion Vectors (AMVs) were being produced on a regular four times per day schedule and in the vicinity of typhoons once a day.

Jaime Daniels from NOAA/NESDIS described new operational strategies that have resulted in improved wind products and associated increased utility in numerous applications.

Mikael Rattenborg described the current EUMETSAT AMV retrieval scheme that has continuously been improved with a goal to be ready for the Meteosat Second Generation (MSG) scheduled for launch in 2000.

John Le Marshall, BoM reviewed recent advances related to the generation and assimilation of high spatial and temporal winds from GMS-5.

Jianmin Xu gave the final presentation. He showed the results from a comparison of the quality of AMVs produced with both the EUMETSAT and CMA/SMC processing systems using the same data set.

Donald Hinsman, Chairperson of Session I
WMO, Geneva