
Overview of the GlobSnow Near Real Time processing

Andreas Wiesmann

Innsbruck, 12 January 2010



The GlobSnow Processing System

- **Version 1: Integration of Lab Systems (QR) → +2 days**
- **Version 2: Upgrade after PVAR → + 1 month**
- **Version 3: FCDR (OSAT) → + 1 year**
- **Version 4: Near Realtime Processing Upgrade → + 1.2 years**

- **Good News: Functionality is already available so that a test service should be possible shortly after freezing the processing algorithms for the FCDR (→ + 7 months)**



Near Realtime Processing System

- **SE:**
 - Based on AATSR (Envisat) data
 - Data is retrieved from the rolling archive
 - Typical delay of data is 6 hours
 - PS Processing time < 1h
- **SWE**
 - Based on AMSR-E (NASA) and weather station data (WMO).
 - AMSR-E Data is retrieved from NASA rolling archive
 - Typical delay is hours
 - Weather Station Data is retrieved from WMO
 - Typical delay is 1 day
 - PS processing time is 11 minutes



Near Realtime Processing System

- **The PS with the Near Realtime Processing System will be running either in GAMMAs colocation rack or at FMI (Sodankylä)**
- **The data distribution is through the GlobSnow Website**

