

Status Report on Polar MFE Data Processing

October 26, 2006

The table below shows the status of the various segments in processing the recent MFE data. The processing for the February 2006 data has been completed for the full-resolution data, and we will soon finish the conversion to CDF files and submit them to CDAWeb.

	Months Completed	Months in Process	Received not processed	% Complete
Timing Table	125 (up to 7/06)	8/06	--	99%
Attitude Data Smoothing	124 (up to 6/06)	7/06	8/06	98%
Offset Calculation	120 (up to 2/06)	3/06	4/06 – 8/06	95%
Coupling Matrix Calculation	120 (up to 2/06)	3/06	4/06 – 8/06	95%
Preliminary High-resolution Data	120 (up to 2/06)	3/06	4/06 – 8/06	95%
Data Correction	120 (up to 2/06)	3/06	4/06 – 8/06	95%
Magnetometer Calibration	120 (up to 2/06)	3/06	4/06 – 8/06	95%
Level 1 Processing	120 (up to 2/06)	3/06	4/06 – 8/06	95%
Data Inspection	120 (up to 2/06)	3/06	4/06 – 8/06	95%
Key Parameters	119 (up to 1/06)	2/06	3/06 – 8/06	94%
Web Data Server	119 (up to 1/06)	2/06	3/06 – 8/06	94%

Re-processing (1996-1999 data)

In the last month we re-processed and submitted 6 months of data (September 1996-February 1997) made with the new code that includes the latest IGRF and Tsyganenko reference fields.

Months Completed	Months in Process	% Complete
12 (up to 2/97)	3/97	26%