

Report on Polar MFE Data Processing

December 2002

Since last report we have produced the KP and final MFE data for December 2001 and have started the initial steps of processing 2002 data. We have been submitting MFE data to the special FTP server at CDAWeb since the link was established last October. The timing table is again up to date, and we are working on the data for January-February, 2002. The table below shows all the segments in processing Polar MFE data and their statuses.

(As of January 10, 2003)

	Months Completed	Months in Process	Received not processed	% Complete
Timing Table	82 (up to 12/02)	1/03	NA	100%
Attitude Data Smoothing	73 (up to 3/02)	4/02	5/02 – 12/02	89%
Offset Calculation	72 (up to 2/02)	3/02 – 4/02	2/02 – 12/02	88%
Level 0 Rotation	71 (up to 1/02)	3/02 – 4/02	1/02 – 12/02	87%
Coupling Matrix Calculation	71 (up to 1/02)	2/02 – 3/02	1/02 – 12/02	87%
Preliminary High-resolution Data	70 (up to 12/01)	1/02 – 2/02	1/02 – 12/02	86%
Magnetometer Calibration	70 (up to 12/01)	1/02 – 2/02	1/02 – 12/02	85%
Level 1 Processing	70 (up to 12/01)	1/02 – 2/02	3/02 – 12/02	85%
Data Inspection	70 (up to 12/01)	1/02 – 2/02	3/02 – 12/02	85%
Key Parameters	70 (up to 12/01)	1/02 – 2/02	3/02 – 12/02	85%
Web Data Server	70 (up to 12/01)	1/02 – 2/02	3/02 – 12/02	85%