

From ecs@soc.nascom.nasa.gov Wed May 10 17:10 MET 2000
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Subject: 10 May SOHO Daily Meeting Minutes
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10 May 2000 Daily Meeting Minutes

FOT Briefing

Spacecraft Status: Nominal
Spacecraft Anomalies: None

Accomplished Activities: RSL, Virgo, Cielas
Planned Activities: VIRGO

Upcoming Operations: None

Ground Anomalies:

130/2134 TC block length errors. D27.
130/2044 Degraded telemetry until 2224. D27. RFI.
130/2355 TC block sequence error. D24. 4 Min NRT delay.
131/1121 2 Min TM dropout. D66. TGC problem.

Instrument Status

CDS and SUMER -- See report from MEDOC below
UVCS -- Today they will perform Cassini support observations and tomorrow they will perform a 24 hour synoptic observation. For a plot of pointings, see:
<http://cfa-www.harvard.edu/~yko/indexsp.html>
LASCO -- C2 and C3 synoptics and chasing Mercury again.
EIT -- 195 CME watch and synoptics.
MDI - Nominal. Started full disk observations at 19:00 UT Tuesday and will continue this all week. Today MDI supported JOP38 with 1 minute cadence full disk mags from 08:42-13:02 UT and with a full disk mag at 08:00 UT, and supported the filament study, JOP120, and the quiet sun oscillations study with 1 minute cadence full disk mags.
TRACE -- For tomorrow, they will support JOP118 from 00-03 UT, and then support JOP120 for the rest of the day. (They want to stay on JOP120 to avoid switching targets too frequently).
TRACE showed the following image for the morning meeting.
http://chippewa.nascom.nasa.gov/kankel/May10_0127UT.gif
It is an unsharp-masked 195 image of the sigmoid, showing a filament channel with loops arching over it.

Report from the MEDOC Daily Meeting, 10 May 2000

CDS had a single event upset and decided to re-boot their instrument, leading to a loss of some of the planned programme between 23:00 on 9 May and 02:00 on 10 May. This lost some of the JOP 118 follow-up observations, but not their primary data.

1. Reports on Observations accomplished

SUMER observations of a filament reference spectrum on the quiet Sun on 9 May observed a very strong bright in the 1032 0 VI line.

Real-time inspection of the SUMER data from JOP 38 on 10 May shows already some good spectra on the target at -290, -0, which should be accompanied by THEMIS and TRACE observations

The QS-DEM Observations on Quiet Sun (6 May) and Coronal Hole (9 May) are compared and show a steep fall-off in CH emission around 1 MK. The Hole on 9 May was small and a longer run on a better hole would help the signal/noise problem.

JOP 40 on 9 May showed that the hole chosen was not an ideal one. A small bipolar region is apparent in this hole.

2. State of the Sun.

A good filament will cross the SUMER slit position today, the 10 May. This will be observed by the study already programmed for today (10 May) at -290, -500.

The Equatorial hole seen on the 9 May looks less good in projection as it passes towards the limb. The more northerly hole used for JOP 040 seems to be fading. So, no hole observations are foreseen for the moment.

Meudon is reporting prominences on the northern limb near $x=-290$, which are likely to remain good also for tomorrow the 11 May

The JOP 118 team gave their report and advance predictions for suitable spot targets. The spot 8989, already observed is evolving as more complex. The next target 8991 will cross the SUMER slit on 12 May from 23:00 hrs. Cassini scintillation studies are also requested for this time; but we hope it will be possible to accomodate the two objectives. The next spot target foreseen, 8992, is anticipated to cross the SUMER region around 04:00 to 08:00 on 14 May (very approximately).

3. Programme for 11 May

A request was received from Armah to repeat the JOP 122 for an 10 hour sequence could not be programmed into the already committed schedule. Regarding the new request to follow the sigmoid (JOP 120) for 5 hours each day with CDS, this also is likely to meet some conflicts of priority. However, this will be included wherever possible.

JOP 118, 00:00-03:00 with CDS, and TRACE

JOP 38, CDS 08:00-12:00 and SUMER, 08:00-14:00 with TRACE and Themis at -290, 0 (bright points)

JOP 107 Prominence, 14:00-16:00, for CDS and SUMER (CDS from 15:00) for the north limb target at -290, 980

Quiet Sun oscillation studies 16:00-19:00 at -290, 0 for SUMER, CDS and TRACE.

JOP 120, for CDS 19:00-24:00 with TRACE at 692, -293.