

SOHO Daily Meeting Minutes for Wednesday, 13 Oct. 1999

DOY: 286

ANNOUNCEMENTS

- * DSN schedule change: gap in contact is slightly larger today.
(13:45 - 16:45 UT)
- * MDI Continuous Contact begins at 00:25 UT, DOY 287.

FOT REPORT

Spacecraft Status: Nominal
Spacecraft Anomalies: None

Accomplished Activities: Virgo, Swan, RSL
Planned Activities: Virgo

Upcoming Operations: TR Maintenance/ACU & CDMU Memory Dumps

Ground Anomalies:
0920 11 Min degraded TM. Recoverable. Uplink interfering with downlink.

13 October Daily Report from MEDOC

Announcements

- * Brigitte send e-mail informing that at the VTT they have a good survey of H-alpha of the Sun.
See: <http://www.kis.uni-freiburg.de/kiswww.html>
- * We also welcomed Jean-Marie Malherbe (Meudon Observatory).

Solar & Ground Based Observatory Status

Yesterday at Tenerife, they had a good morning, then some clouds in the late afternoon, which cut off the prominence observation. This morning some clouds but could clear at any time. They will reduce their observing request from 8-16:00 UT, after 16:00 UT the conditions become worse, So other observations can be filled in from 16:00 - 18:00 as desired by planners.

AR 8728 and 8731 may be likely to produce M class events.
Lydia van Driel reported that AR 8731 produced several events yesterday.

Observational Comments (Yesterday/Today):

JOP057 was run yesterday with CDS and EIT, although EIT ran in 304 at 1 minute cadence rather than 20 second cadence.

CDS -- Displayed images to show they successfully hit their various targets.
Also caught a polar event during the JOP057 run yesterday.

SUMER -- Successful day all around.

EIT -- EIT observed an eruption of the eastern part of the N44 filament at central meridian today ~ 08 UT.

UVCS -- Today north pole observations from 1.9 - 2.0 solar radii.
Presented plots from recent days observations. Appearance of structures did not change much over time in OVI line.

They have evidence of heavy ions enhancement at 1.5 solar Radii that do not have at 2.75 solar radii. The OVI ratio 1032/1037 ~ 2.5
They also notice a region at higher altitude along the polar line of

sight

with reduced emission (in agreement with LASCO C2).

TRACE -- Good News, received from TRACE.. Received from e-mail below:

Times are UT and positions are in arc seconds W/E, N/S.

TRACE had a processor reboot over the weekend, causing it to go into safehold mode. It is in normal mode now, with instrument recovery currently in progress. This is the tentative TRACE plan for tomorrow assuming recovery goes as planned and on schedule. TRACE will do a synoptic scan at 2:22 UT, and then begin a study of full Stokes vector of magnetic structures in active regions with La Palma. This study will continue all day with the exception of 19-20 UT, when TRACE will support JOP 057.

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02:22 - 02:52 JOP 0 C1 Synoptic, (x,y)=(0, 0)
02:57 - 18:55 JOP 017 C6110 Sunspot, Active Region 8728,
(x,y)=(-283, 270) with tracking
171, 1550, 1600, 1700 ~ 45s cadence,
19:00 - 20:00 JOP 057 C6175 Spicules, (x,y)=(0, 960)
171 ~ 20s cadence, 1216 every 20 cycles
20:05 - 24:00 JOP 017 C6110 Sunspot, Active Region 8728,
(x,y)=(-144, 267) with tracking
171, 1550, 1600, 1700 ~ 45s cadence,

Planning for Thursday, October 14

T Oct 14 MDI Continuous
TRACE/LaPalma AR Vector B (#6205), 08-18 UT,
Contacts: Ted Tarbell/Kathy Reeves (TRACE)/Tom Berger
(LaPalma)
JOP017: Dynamics of Arch Filament Systems (#6110),
Local Coordinator: Lidia van Driel,
Contacts: P. Mein and B. Schmieder
Tenerife VTT/THEMIS/CDS/SUMER/EIT/MDI/Yohkoh 8-16:00 UT
JOP107: Lyman Line Series in Prominences and Lyman Continua
(#6115), Contacts: P. Mein and B. Schmieder
CDS/SUMER/Wroclaw/Ondrejov 8-16:00 UT
OVI Line Profiles in North Pole (#6210), SUMER/UVCS,
Contact: Philippe Lemaire (SUMER),
Daniele Spadaro / Lisa Maccari (UVCS)
JOP057 (#6175), CDS (18-20)/TRACE/EIT, 18-19 UT
Contact: Jean-Pierre DeLaboudiniere/Jeff Newmark
Quiet Sun Study (#6215), 20-24 UT, CDS/SUMER + others TBD ?
Contact: Dave Pike (CDS), Stephan Regnier (SUMER)

JOP017/107 --- Request that a 304 CME watch be run on Thursday from 08-16:00 UT for support. (reduced from original request of 8-18 UT, due to reduced ground-based observatory seeing after 16:00 UT)

Then CDS, goes to another AR 8731 whereas SUMER stays on the filament target.

JOP057 -- Again, North pole as a target for Thursday.

Quiet Sun Study -- This is a new program. CDS and SUMER be looking at a quiet-sun

target at a yet to be determined pointing (CDS would like to
talk to MDI when the EOF starts its day). When coordinates are
known, an updated report will be distributed.

CDS -- * 00.00 - 08.00, CDS (Synoptic + GIS monitor.)
* 08.00 - 10.00 JOP017, AR8728 at a pointing of: X = -120, Y = 270
* 10.00 - 12.00, JOP107, Polar Crown filament, at a pointing of: X =
-64, Y= -936
* 12.00 - 14.00, JOP107, Filament, at a pointing of: X = -388, Y = 510
* 14.00 - 16:00, JOP017, AR8731 at a pointing of: X = -487, Y= 117
* 16:00 - 18:00, Being decided by CDS
* 18.00 - 20.00, JOP057 with EIT and TRACE, Pointing: X = 0 Y = 1020
* 20.00 - 24.00, Quiet Sun Study (CDS/SUMER + others ?)
at a pointing TBD later this afternoon.
updated coordinates will be distributed later this
afternoon.

SUMER -- * 00.00 - 06.30 Active Region Filament, Pointing: X = 433, Y = -514
* 06.30 - 07.00 Lyman Alpha Wings, Pointing: X = 102, Y= -189
* 08.00 - 10.00 JOP017, AR8728 at a pointing of: X = -120, Y = 270
* 10.00 - 12.00, JOP107, Polar Crown filament, at a pointing of: X =
-64, Y= -936
* 12.00 - 14.00, JOP107, Filament, at a pointing of: X = -388, Y = 510
* 14.00 - 16.00, JOP107, Filament, at a pointing of: X = -384, Y = 510
* 16.30 - 17.30 Lyman Alpha Wings, Pointing: X = 182, Y= -189
* 18.00 - 18.30 OVI line profiles in North Pole Region with UVCS
* 20.00 - 24.00 Quiet Sun Study (CDS/SUMER + others ?)
at a pointing TBD later this afternoon.
updated coordinates will be distributed later this
afternoon.

UVCS -- * 00.00 - 15.00, Synoptic Program
* 15.00 - 24.00, OVI line profiles in North Pole Region (SUMER
cooperation from 18.00 - 18.30) from 2.0 to 2.5 solar radii.

--- L. J. Roberts & J. C. Vial