
Mauna Loa Solar Observatory Observer's Log

Mon Oct 21 16:24:22 GMT 1996

Year: 96 Doy: 295

Observer: yasukawa

Mon Oct 21 16:24:18 GMT 1996 CHIP Startup--Initializing new tape

WEATHER COMMENT: Mon Oct 21 16:24:25 GMT 1996

Light southeast wind, in almost solid cirrus with broken heavy patches, cool.

DPMON COMMENT: Mon Oct 21 16:25:24 GMT 1996

Occulter = 1971

Mon Oct 21 16:48:39 GMT 1996 CHIP CHIP Start Patrol

Mon Oct 21 16:48:54 GMT 1996 dPMon Start Patrol

DPMON COMMENT: Mon Oct 21 16:55:40 GMT 1996

I think DPMON has crashed. Fixing.

Mon Oct 21 16:56:40 GMT 1996 dPMon End Patrol

Mon Oct 21 16:58:13 GMT 1996 dPMon Start Patrol

Mon Oct 21 17:01:25 GMT 1996 CHIP Bias

Mon Oct 21 17:02:01 GMT 1996 dPMon Flat

Mon Oct 21 17:02:28 GMT 1996 CHIP End Bias

Mon Oct 21 17:02:35 GMT 1996 CHIP Water

Mon Oct 21 17:02:58 GMT 1996 dPMon End Flat

Mon Oct 21 17:03:13 GMT 1996 CHIP End Water

COMMENT: Mon Oct 21 17:14:40 GMT 1996

Network beyond NOAA-FB went down.

WEATHER COMMENT: Mon Oct 21 17:38:44 GMT 1996

Had brief opening in cirrus, started MKIII but got into thin cirrus.

Mon Oct 21 18:01:24 GMT 1996 CHIP Bias

Mon Oct 21 18:01:57 GMT 1996 dPMon Flat

Mon Oct 21 18:02:29 GMT 1996 CHIP End Bias

Mon Oct 21 18:02:38 GMT 1996 CHIP Water

Mon Oct 21 18:02:51 GMT 1996 dPMon End Flat

Mon Oct 21 18:03:09 GMT 1996 CHIP End Water

COMMENT: Mon Oct 21 18:09:40 GMT 1996

Net is back up.

WEATHER COMMENT: Mon Oct 21 18:10:01 GMT 1996

Hole has been relatively clear after brief episode of thin cirrus.

WEATHER COMMENT: Mon Oct 21 18:27:00 GMT 1996

In cirrus deck again.

CHIP COMMENT: Mon Oct 21 18:38:20 GMT 1996

CHIP drive is flashing, indicating cleaning request. Will do it at end of day.

Mon Oct 21 18:43:06 GMT 1996 dPMon End Patrol

WEATHER COMMENT: Mon Oct 21 18:43:06 GMT 1996

Cirrus thick, progressively shutting down. MKIII stopped after calibration, stopping DPMON. May stop CHIP if image degrades.

Mon Oct 21 18:48:57 GMT 1996 CHIP CHIP End Patrol

WEATHER COMMENT: Mon Oct 21 19:03:49 GMT 1996

Cirrus thinning, progressive startup.

Mon Oct 21 19:04:27 GMT 1996 CHIP CHIP Start Patrol

Mon Oct 21 19:09:47 GMT 1996 dPMon Start Patrol

Mon Oct 21 19:22:03 GMT 1996 dPMon End Patrol

Mon Oct 21 19:55:07 GMT 1996 dPMon Start Patrol

Mon Oct 21 20:01:53 GMT 1996 dPMon Flat

Mon Oct 21 20:02:24 GMT 1996 CHIP Gain

Mon Oct 21 20:02:47 GMT 1996 dPMon End Flat

WEATHER COMMENT: Mon Oct 21 20:06:06 GMT 1996

Cirrus thinning, resuming MKIII.

CHIP COMMENT: Mon Oct 21 20:25:54 GMT 1996

CHIP stuck in Optics Busy. fixing.

Mon Oct 21 20:26:25 GMT 1996 CHIP End Gain

Mon Oct 21 20:26:35 GMT 1996 CHIP Bias

Mon Oct 21 20:27:23 GMT 1996 CHIP End Bias

Mon Oct 21 20:27:32 GMT 1996 CHIP Water

Mon Oct 21 20:28:00 GMT 1996 CHIP End Water

MKIII COMMENT: Mon Oct 21 20:28:21 GMT 1996

Stopping mkiii to take advantage of clear sky to attempt
chan 1 alignment.

MKIII COMMENT: Mon Oct 21 20:29:48 GMT 1996

Loading flat corrector table.

Mon Oct 21 21:01:55 GMT 1996 dPMon Flat

Mon Oct 21 21:02:26 GMT 1996 CHIP Bias

Mon Oct 21 21:02:48 GMT 1996 dPMon End Flat

Mon Oct 21 21:03:40 GMT 1996 CHIP End Bias

Mon Oct 21 21:03:49 GMT 1996 CHIP Water

Mon Oct 21 21:04:24 GMT 1996 CHIP End Water

Mon Oct 21 22:02:00 GMT 1996 dPMon Flat

Mon Oct 21 22:02:22 GMT 1996 CHIP Bias

Mon Oct 21 22:03:00 GMT 1996 dPMon End Flat

Mon Oct 21 22:03:33 GMT 1996 CHIP End Bias

Mon Oct 21 22:03:43 GMT 1996 CHIP Water

WEATHER COMMENT: Mon Oct 21 22:04:09 GMT 1996

In thin cirrus.

Mon Oct 21 22:04:19 GMT 1996 CHIP End Water

MKIII COMMENT: Mon Oct 21 22:11:55 GMT 1996

With flat correctors applied, I got the P+S and P-S waveform pretty nice
with the opal in. I kept getting a bunch of spikes in the
upper end of the waveforms when correcting. Tried swapping
corrector boards and DCSB analog boards AN2 and AN4 but could not
get rid of the spikes nor the pegged corrector table (light).

In cirrus now so I will regroup and try again next clear opportunity.

May try putting height mask in with taped slots 1 and 3 to check
if detectors are really aligned up/down as assumed.

Mon Oct 21 22:21:02 GMT 1996 dPMon End Patrol

COMMENT: Mon Oct 21 22:23:21 GMT 1996
Activity report:
QP: 60-67; 111-120; 225-233; 305-310;
No coronal activity

Tapes: MKIII: H01420
DPMON: P00744
CHIP: C00161
LOWL: L00421

Mon Oct 21 22:25:34 GMT 1996 CHIP CHIP End Patrol
Mon Oct 21 22:26:23 GMT 1996 CHIP ending tape

SCAN-LOG

SCAN-LOG 16:54:29. 10/21/96 DOY 295
17:38:05 17:41:19 17:44:35 17:47:47 17:51:02
17:54:16 17:57:29 18:00:41 18:03:55 18:07:07
1815 0 CL 18:18:29 1822 15CL 18:26:44 20:08:23
20:11:38 20:14:53 20:18:11 20:21:24 20:24:38

0 ERRORS

OK