

Mauna Loa Solar Observatory Observer's Log

Sun Apr 7 16:44:15 GMT 1996

Year: 96 Doy: 098

Observer: yasukawa console Apr 7 16:41

WEATHER COMMENT: Sun Apr 7 16:44:30 GMT 1996

Cool, clear, light south breeze.

LOW-L COMMENT: Sun Apr 7 16:45:18 GMT 1996

Unit 0 taking data, L00380 in unit 1 wasn't popped. Ejecting manually and loading L00382. Data writing to L00381 in unit 0.

Sun Apr 7 16:53:53 GMT 1996: Patrol Start

Sun Apr 7 17:03:04 GMT 1996: Calibration

DPMON COMMENT: Sun Apr 7 17:07:57 GMT 1996

Forgot to switch Coude slew back to clock drive. Reset bench angle and made the switch.

MKIII COMMENT: Sun Apr 7 17:31:13 GMT 1996

I still see the streaking that Alice mentioned. Going looking for it. Initially, I will leave the MKIII scanning to check for any rotation/gravity effects.

MKIII COMMENT: Sun Apr 7 17:48:34 GMT 1996

Initial check of cabling revealed nothing obviously loose. Tried wiggling and tapping but I still see streaking on vmap image.

Sun Apr 7 18:00:06 GMT 1996: Calibration

MKIII COMMENT: Sun Apr 7 18:00:43 GMT 1996

MKIII time was one hour off. Corrected it.

MKIII COMMENT: Sun Apr 7 18:08:55 GMT 1996

Tried 1TAKES with chan 1. Streaking not apparent in chan 1. This is a chan 0 problem, eliminating the suspicion of a half-wave plate problem (PHEW!).

MKIII COMMENT: Sun Apr 7 18:26:01 GMT 1996

Reseated 0 chan preamp. Signal is hosed. Stopping again and rechecking.

Sun Apr 7 19:00:00 GMT 1996: Calibration

MKIII COMMENT: Sun Apr 7 19:20:33 GMT 1996
hosed signal may be due to all 0s in corrector table. Not sure why
that occurred.

MKIII COMMENT: Sun Apr 7 19:23:36 GMT 1996
While trying to determine why the signal got hosed, I checked A and B
balance and offset in preamp. They were close. I touched up the
offset a hair.

Sun Apr 7 20:00:02 GMT 1996: Calibration

MKIII COMMENT: Sun Apr 7 20:06:48 GMT 1996
CORRECT behaving strange. LIGHT correct signal high and GAIN
correct signal low. Tried swapping channels at line driver and
low gain situation appears to occur before line driver.

COMMENT: Sun Apr 7 20:26:02 GMT 1996
reconfigured dome slot while swapping optical chan 2 preamp with
optical chan 4 preamp.

COMMENT: Sun Apr 7 20:54:52 GMT 1996
Darryl just requested tomorrow and possibly Tuesday vacation.
I can't cover tomorrow but may be able to rearrange things to
cover Tuesday.

MKIII COMMENT: Sun Apr 7 20:59:42 GMT 1996
Preamp from op4 not working, tried op5 preamp and got a signal.
Will try CORRECT with that preamp.

Sun Apr 7 21:03:02 GMT 1996: Calibration

MKIII COMMENT: Sun Apr 7 21:37:13 GMT 1996
Looked like alignment was way off. Put in mask and unable to see
height slots.
31

MKIII COMMENT: Sun Apr 7 21:59:11 GMT 1996
OK, That whole chinese firedrill was caused when the shutters for
the detectors got partially closed, then almost fully closed
while jockeying the LEMO connectors from the detectors to the
preamp. Opened them up and got my signal back. Running corrections.

Need to do them this month anyway.

Sun Apr 7 22:02:57 GMT 1996: Calibration

MKIII COMMENT: Sun Apr 7 22:32:08 GMT 1996
Well..... sky is too noisy to tell if I got rid of the streaking
with all of the plugging and unplugging, corrections, sweating,
worrying, etc. that I did this morning.
Most of the streaks look like bug (barberpole) streaks, though
so that is encouraging.

COMMENT: Sun Apr 7 22:36:43 GMT 1996
Guider declination reset or glitch. repointed.

Sun Apr 7 23:03:04 GMT 1996: Calibration
Sun Apr 7 23:03:50 GMT 1996: Patrol End

COMMENT: Sun Apr 7 23:04:58 GMT 1996
Activity report:
QP: 120; 223; 285; 297; 310;
No coronal activity

Tapes: MKIII: H01260 and H01261
DPMON: P00584
LOWL: L00381

Sun Apr 7 23:06:44 GMT 1996: Filemark
SCAN-LOG
SCAN-LOG 17:54:24. 4/7/96 DOY 98

H01260 Tape 1 of 2

UT off by 1 hour--operator error, first file should be 17:00:53

18:00:53	18:04:09	18:07:28	18:10:45	18:14:07
18:17:25	18:20:42	18:23:56	18:27:17	18:30:33
18:33:48	18:37:02	18:40:18	18:43:32	18:46:52
18:50:06	18:53:26	18:56:40		

UT corrected

			18:03:11	18:06:32
18:09:47	18:24:42			

H01261 tape 2 of 2

22:20:03	22:23:16	22:10:21	22:13:35	22:16:48
22:45:09	22:48:22	22:26:35	22:29:48	22:33:06
23:01:14		22:51:35	22:54:47	22:58:01

0 ERRORS

OK