

Mauna Loa Solar Observatory Observer's Log

Thu Apr 27 16:38:12 GMT 1995

Year: 95 Doy: 117

Observer: yasukawa console Apr 27 16:35

WEATHER COMMENT: Thu Apr 27 16:38:33 GMT 1995

Clear, cold, strong south wind 30-40mph, temp=36F.

Thu Apr 27 16:47:02 GMT 1995: Patrol Start

DPMON COMMENT: Thu Apr 27 16:52:02 GMT 1995

Daystar runaway. Reset Plessey.

MKIII COMMENT: Thu Apr 27 16:52:25 GMT 1995

Chan1 P+S relatively flat at this time.

Thu Apr 27 16:54:42 GMT 1995: Patrol Start

DPMON COMMENT: Thu Apr 27 16:54:50 GMT 1995

Reset DPMON manually, Objective was also crashed.

Thu Apr 27 17:01:02 GMT 1995: Calibration

MKIII COMMENT: Thu Apr 27 17:11:39 GMT 1995

Stopping mkiii to check out channel 1 problem.

MKIII COMMENT: Thu Apr 27 17:16:00 GMT 1995

Adjusted offset a little and balance a moderate amount at preamp.
when the two adjustments were zeroed, P+S trace cleaned up.

Restarting observations.

MKIII COMMENT: Thu Apr 27 17:19:13 GMT 1995

P-S trace looks a different from yesterday afternoon on chan 1.
may need to touch up alignment, will watch it a bit first.

MKIII COMMENT: Thu Apr 27 17:43:21 GMT 1995

Stopped scan again to check out chan 1 alignment and balance.

Thu Apr 27 18:01:03 GMT 1995: Calibration

MKIII COMMENT: Thu Apr 27 18:04:19 GMT 1995

Touched up P detector rotation to flatten P-S trace, amplitude
remains high, touched up offset and balance. Running another

CORRECT.

MKIII COMMENT: Thu Apr 27 18:14:18 GMT 1995
CORRECT took out amplitude but P-S trace no longer flat. Will see if I can take that dip out.

MKIII COMMENT: Thu Apr 27 18:31:10 GMT 1995
OK, try that.... Ran another CORRECT. Resuming scans.

Thu Apr 27 19:00:55 GMT 1995: Calibration

DPMON COMMENT: Thu Apr 27 19:50:12 GMT 1995
Prominence at PA 250-260 lifting.

Thu Apr 27 20:01:00 GMT 1995: Calibration

COMMENT: Thu Apr 27 20:11:31 GMT 1995
opening top of dome.

MKIII COMMENT: Thu Apr 27 20:17:01 GMT 1995
Channel 1 flaked out again. checkeing offset and balance.

MKIII COMMENT: Thu Apr 27 20:24:40 GMT 1995
Chan 1 preamp needed small adjustment in both offset and balance. Monitor traces restored after adjustment. Not sure what is causing the shift.

COMMENT: Thu Apr 27 20:47:00 GMT 1995
Guiding declination recentered itself. Repointed spar and reset guider.

Thu Apr 27 21:01:01 GMT 1995: Calibration

MKIII COMMENT: Thu Apr 27 21:09:05 GMT 1995
Noticed a funny streaking on the south and west side of chan 0 corona and then noticed a change in the P+S and P-S monitors for chan 1 around 90-210 degrees of the barrel indicator. went upstairs to check and found a 1.5-inch curled white hair or fiber on the front of the O1. Blew it off with the airbrush.

COMMENT: Thu Apr 27 21:14:47 GMT 1995
Wind starting to affect spar now, buffeting it around.

DPMON COMMENT: Thu Apr 27 21:57:49 GMT 1995
Crash, reset Plessey.

COMMENT: Thu Apr 27 22:00:05 GMT 1995
Also lost guiding, repointed and reset guider.

Thu Apr 27 22:01:00 GMT 1995: Calibration

DPMON COMMENT: Thu Apr 27 22:03:08 GMT 1995
BTW, cleaned Exabyte at end of day yesterday as requested by program.

Thu Apr 27 22:10:03 GMT 1995: Patrol End

COMMENT: Thu Apr 27 22:10:26 GMT 1995
Activity report:
QP: 50; 97; 122-130; 303;
AP: 250-260 grew slowly throughout morning.
No coronal activity

Tapes: MKIII: H01018
DPMON: P00339
LOWL: L00226

Thu Apr 27 22:13:32 GMT 1995: Filemark
SCAN-LOG

SCAN-LOG 16:49:14. 4/27/95 DOY 117

16:57:27	17:00:42	17:03:55	17:07:12	17:16:40
17:19:57	17:23:12	17:26:29	17:29:44	17:33:01
17:36:15	17:39:34	18:32:19	18:35:32	18:38:44
18:41:58	18:45:09	18:48:22	18:51:33	1855 0 CL
18:59:28	1903 15CL	19:08:30	19:12:06	19:15:18
19:18:31	19:21:44	19:25:00	19:28:10	19:31:22
19:34:32	19:37:44	19:40:54	19:44:06	19:47:17
19:50:30	19:53:41	19:56:53	20:00:03	20:03:15
20:06:26	20:09:37	20:12:48	20:16:00	20:21:56
20:25:13	20:28:26	20:31:40	20:34:51	20:38:09
20:41:19	20:44:31	20:47:42	20:50:54	20:54:05
20:57:19	21:00:32	21:03:52	21:07:05	21:10:18
21:13:30	21:16:44	21:19:57	21:23:10	21:26:22
21:29:34	21:32:46	21:35:59	21:39:11	21:42:23
21:45:35	21:48:48	21:52:00	21:55:13	21:58:24
22:01:38	22:04:50	22:08:08		

0 ERRORS

OK