

From yasukawa@hao.ucar.edu Thu Dec 1 15:42 MST 1994  
Received: from hao (hao.ucar.edu [128.117.16.4]) by slug.hao.ucar.edu (8.6.9/8.6.6.Beta  
9) with SMTP id PAA03735 for <alice@slug>; Thu, 1 Dec 1994 15:42:10 -0700  
Received: by hao (4.1/SMI-4.1)  
id AA20291; Thu, 1 Dec 94 15:42:09 MST  
Date: Thu, 1 Dec 94 15:42:09 MST  
From: yasukawa@hao.ucar.edu (Eric Yasukawa)  
Message-Id: <9412012242.AA20291@hao>  
To: alice, iguana  
Content-Type: text  
Content-Length: 3818  
Status: R

Mauna Loa Solar Observatory Observer's Log

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Thu Dec 1 17:15:56 GMT 1994  
Year: 94 Doy: 335  
Observer: yasukawa

WEATHER COMMENT: Thu Dec 1 17:16:15 GMT 1994  
Cold, clear, light south breeze. Frost on ground, high cloudbank to  
east. Temp=39F.

Thu Dec 1 17:25:02 GMT 1994: Patrol Start

MKIII COMMENT: Thu Dec 1 17:25:12 GMT 1994  
MKIII chan 1 was not corrected satisfactorily or calibrated yesterday  
after alignment adjustment due to rapid onset of orographic clouds.  
Will wait until sun rises above the rapid extinction gradient and  
then correct and calibrate channel 1.

DPMON COMMENT: Thu Dec 1 17:28:27 GMT 1994  
Brushed front surface of PMON 01.

MKIII COMMENT: Thu Dec 1 17:30:02 GMT 1994  
Cleaned Exabyte head.

LOW-L COMMENT: Thu Dec 1 17:30:18 GMT 1994  
Cleaned Exabyte drive 0 head.

Thu Dec 1 18:01:56 GMT 1994: Calibration

MKIII COMMENT: Thu Dec 1 18:14:07 GMT 1994  
Stopping obs to run CORRECT on chan 1.

MKIII COMMENT: Thu Dec 1 18:22:09 GMT 1994  
CORRECT on chan 1 pau. Will CALIBRATE chan 1 next.

MKIII COMMENT: Thu Dec 1 18:39:42 GMT 1994  
Calibration values are lower after alignment. I will run it that way  
for a while and then increase lind driver gain from 2, where it  
was reduced to last February, back to 4.

MKIII COMMENT: Thu Dec 1 18:44:31 GMT 1994  
Calibrating channel 0.

Thu Dec 1 19:02:02 GMT 1994: Calibration

MKIII COMMENT: Thu Dec 1 19:35:05 GMT 1994  
Switched chan 1 line driver gain from 2 to 4. LEDs on DCSB panel  
did not light up so will leave in 4 position for now.

Thu Dec 1 20:01:57 GMT 1994: Calibration  
Thu Dec 1 21:02:02 GMT 1994: Calibration

MKIII COMMENT: Thu Dec 1 21:38:20 GMT 1994  
stopping to test effects of compensation plates.

Thu Dec 1 22:01:55 GMT 1994: Calibration

MKIII COMMENT: Thu Dec 1 22:03:31 GMT 1994  
best p-s trace with compensator tilt at 25 and rotation at 90.  
running a correct.

MKIII COMMENT: Thu Dec 1 22:19:07 GMT 1994  
Ran CORRECT and trying a few scans with compensator plates adjusted.

MKIII COMMENT: Thu Dec 1 22:23:48 GMT 1994  
Set PGA gain in chan 1 from 9 to 8, LEDs were lighting.  
Streamers on display not showing at this gain level. Same as  
before when LD gain was at 2.

MKIII COMMENT: Thu Dec 1 22:29:19 GMT 1994  
Leaving compensator and PGA in last state until I can continue  
tests.

Thu Dec 1 22:31:02 GMT 1994: Patrol End

COMMENT: Thu Dec 1 22:31:46 GMT 1994

Activity report:  
QP: 58-63; 70; 115;  
No coronal activity

TAPES: MKIII: H00900  
DPMON: P00217  
LOWL: L00139 in unit 1

H00900 to be sent directly to Boulder along with test video  
for alignment evaluation.

Thu Dec 1 22:34:52 GMT 1994: Filemark

SCAN-LOG

SCAN-LOG 17:29:24. 12/1/94 DOY 335

17:34:43	17:37:56	17:41:11	17:44:24	17:47:38
17:50:50	17:54:04	17:57:15	18:00:27	18:03:38
18:06:51	18:10:03	18:23:17	1827 0 CL	18:30:13
1834 15CL	18:39:07	1843 0 CL	18:46:06	1850 15CL
18:56:00	18:59:34	19:02:46	19:06:03	19:09:14
19:12:30	19:15:41	19:18:54	19:22:05	19:25:22
19:28:32	19:31:45	19:34:55	19:38:08	19:41:19
19:44:31	19:47:42	19:50:55	19:54:07	19:57:19
20:00:32	20:03:44	20:06:55	20:10:07	20:13:18
20:16:29	20:19:40	20:22:52	20:26:03	20:29:14
20:32:24	20:35:35	20:38:45	20:41:57	20:45:07
20:48:18	20:51:28	20:54:40	20:57:50	21:01:03
21:04:14	21:07:25	21:10:35	21:13:46	21:16:56
21:20:06	21:23:16	21:26:27	21:29:37	21:32:48
21:35:58	22:20:13	22:23:23	22:26:35	

0 ERRORS

OK