

Mauna Loa Solar Observatory Observer's Log

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Tue Apr 18 16:54:36 GMT 1995

Year: 95 Doy: 108

Observer: koon console Apr 18 16:52

WEATHER COMMENT: Tue Apr 18 16:54:42 GMT 1995

Clear sky, wind=10 mph from the South, temp=35 F.

Tue Apr 18 17:03:57 GMT 1995: Patrol Start

MKIII COMMENT: Tue Apr 18 17:55:32 GMT 1995

Doing some testing to determine if there is a loose connection that is preventing the I data from being recorded. Occasionally I will close the shutter (as I did about 10 minutes ago) and data may be erratic for a while.

Tue Apr 18 18:00:58 GMT 1995: Calibration

Tue Apr 18 19:01:00 GMT 1995: Calibration

MKIII COMMENT: Tue Apr 18 19:34:46 GMT 1995

OK, from now on the scans won't be affected by my testing. I checked all connections from the optical detectors to the microprocessors and didn't find any loose connections, also the plot of I didn't change since I first started checking this morning. The I plot does look oblong as Alice said it should, so maybe the problem she noted hasn't occurred today. Other factors to consider: in the morning the O1 guider is pegged at its limits for a while before it starts guiding correctly; the O1 was recently cleaned; and a broken (and possibly affecting guiding) wire was recently fixed.

Tue Apr 18 20:01:00 GMT 1995: Calibration

Tue Apr 18 21:01:04 GMT 1995: Calibration

Tue Apr 18 22:00:58 GMT 1995: Calibration

Tue Apr 18 22:34:03 GMT 1995: Patrol End

LOW-L COMMENT: Tue Apr 18 22:36:52 GMT 1995

Removed L00220 and installed L00222 in drive #0.

MKIII COMMENT: Tue Apr 18 22:37:18 GMT 1995

I will tape around the preamp for channel 0 in an attempt to eliminate the light leak noticed in our calibration data. Will also remove and reseal all the D-connectors for that channel in case there is a bad connection due to corrosion.

LOW-L COMMENT: Tue Apr 18 23:46:20 GMT 1995

COMMENT: Tue Apr 18 23:46:23 GMT 1995

Activity report:

QP: 88; 120; 260.

No coronal activity.

TAPES:

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MKIII: H01010

DPMON: P00332

LOW-L: L00221 in drive #1

Tue Apr 18 23:48:26 GMT 1995: Filemark

SCAN-LOG

SCAN-LOG 17:00:39. 4/18/95 DOY 108

17:09:34	17:12:48	17:16:06	17:19:18	17:22:32
17:25:44	17:28:56	17:32:07	17:35:20	17:38:31
17:41:42	17:44:54	17:48:06	17:51:16	17:54:27
17:57:37	18:00:48	18:03:58	18:07:10	18:10:20

18:13:32	18:16:42	18:19:54	18:23:05	18:26:18
18:29:30	18:32:43	18:35:53	18:39:05	18:42:16
18:45:29	18:48:39	18:51:51	18:55:01	18:58:12
19:01:22	19:04:34	19:07:44	19:10:55	19:14:04
19:17:14	19:20:24	19:23:35	19:26:46	19:34:26
19:37:35	19:40:46	1951 0 CL	19:55:17	2000 15CL
20:20:08	20:24:14	20:27:23	20:30:34	20:33:43
20:36:52	20:40:00	20:43:09	20:46:17	20:49:26
20:52:34	20:55:47	20:58:55	21:02:04	21:05:12
21:08:20	21:11:28	21:14:38	21:17:47	21:20:55
21:24:02	21:27:10	21:30:18	21:33:26	21:36:32
21:39:41	21:42:48	21:45:56	21:49:03	21:52:10
21:55:16	21:58:24	22:01:31	22:04:43	22:07:50
22:10:58	22:14:05	22:17:12	22:20:18	22:23:25
22:26:30	22:29:37	22:32:42	22:35:50	22:38:56
22:42:04	22:45:11			

0 ERRORS

OK