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Mauna Loa Solar Observatory Observer's Log  
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Tue Jan 28 17:54:17 GMT 1997

Year: 97 Doy: 028

Observer: koon

WEATHER COMMENT: Tue Jan 28 17:54:21 GMT 1997

Clear sky, no wind, temp=39 F.

Tue Jan 28 18:00:13 GMT 1997 CHIP Startup--Initializing new tape

Tue Jan 28 18:00:42 GMT 1997 CHIP CHIP Start Patrol

Tue Jan 28 18:01:11 GMT 1997 dPMon Start Patrol

LOW-L COMMENT: Tue Jan 28 18:45:52 GMT 1997

Instrument was pointing straight up, not at sun, program was running and taking data while pointing incorrectly. Maybe due to work Eric was doing yesterday, the same tape was in today as on Saturday so maybe the program needed to be reset or something. I removed L00437 from drive#0 and moved L00438 from drive #1 to drive #0, loaded L00439 in drive #1. Restarted program and it pointed correctly and is now taking data correctly.

Tue Jan 28 19:01:06 GMT 1997 CHIP Bias

Tue Jan 28 19:02:02 GMT 1997 CHIP End Bias

Tue Jan 28 19:02:09 GMT 1997 dPMon Flat

Tue Jan 28 19:02:11 GMT 1997 CHIP Water

Tue Jan 28 19:02:37 GMT 1997 CHIP End Water

Tue Jan 28 19:03:04 GMT 1997 dPMon End Flat

Tue Jan 28 20:01:59 GMT 1997 dPMon Flat

Tue Jan 28 20:02:53 GMT 1997 dPMon End Flat

Tue Jan 28 20:03:02 GMT 1997 CHIP Gain

Tue Jan 28 20:07:16 GMT 1997 CHIP End Gain

Tue Jan 28 20:07:25 GMT 1997 CHIP Bias

Tue Jan 28 20:08:07 GMT 1997 CHIP End Bias

Tue Jan 28 20:08:16 GMT 1997 CHIP Water

Tue Jan 28 20:08:44 GMT 1997 CHIP End Water

Tue Jan 28 20:44:28 GMT 1997 dPMon Start Patrol

DPMON COMMENT: Tue Jan 28 20:44:55 GMT 1997

Stalled with Program: H-alpha.disk, did Kill/Run to fix.

Tue Jan 28 21:03:00 GMT 1997 dPMon Flat

Tue Jan 28 21:03:02 GMT 1997 CHIP Bias

Tue Jan 28 21:03:49 GMT 1997 CHIP End Bias

Tue Jan 28 21:03:57 GMT 1997 dPMon End Flat

Tue Jan 28 21:03:57 GMT 1997 CHIP Water

Tue Jan 28 21:04:29 GMT 1997 CHIP End Water

Tue Jan 28 22:02:04 GMT 1997 CHIP Bias

Tue Jan 28 22:03:01 GMT 1997 dPMon Flat

Tue Jan 28 22:02:56 GMT 1997 CHIP End Bias

Tue Jan 28 22:03:06 GMT 1997 CHIP Water

Tue Jan 28 22:03:35 GMT 1997 CHIP End Water

Tue Jan 28 22:03:59 GMT 1997 dPMon End Flat

COMMENT: Tue Jan 28 22:13:41 GMT 1997

Spar lost guiding, repointed and reset guider twice.

CHIP COMMENT: Tue Jan 28 22:24:26 GMT 1997

Filter temperature has been above normal for about 30 minutes. It is at 37.45 now. It has climbed and dropped several times but has not returned to the correct range in the time mentioned.

Tue Jan 28 23:01:05 GMT 1997 CHIP Bias  
Tue Jan 28 23:01:53 GMT 1997 CHIP End Bias  
Tue Jan 28 23:02:04 GMT 1997 CHIP Water  
Tue Jan 28 23:02:37 GMT 1997 CHIP End Water  
Tue Jan 28 23:03:03 GMT 1997 dPMon Flat  
Tue Jan 28 23:03:57 GMT 1997 dPMon End Flat  
Tue Jan 28 23:09:15 GMT 1997 dPMon End Patrol  
Tue Jan 28 23:11:41 GMT 1997 CHIP CHIP End Patrol

CHIP COMMENT: Tue Jan 28 23:16:53 GMT 1997

The filter temperature has dropped back down to 33.6 right now. So it probably had a power glitch to the temperature controller and now will take about 6 hours or so to stabilize in range, because of the huge time constant in the controller. I talked to David about it and he thinks it will be OK after stabilizing. This has happened twice before, that I've noticed.

COMMENT: Tue Jan 28 23:19:48 GMT 1997

Activity report:

QP: 54; 133; 230; 290.

No coronal activity.

TAPES:

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MKIII: H01482

DPMON: P00810

CHIP: C00227

LOWL: L00438 in drive #0

SCAN-LOG

SCAN-LOG 18:01:28. 1/28/97 DOY 28

18:13:24	18:16:38	18:19:51	18:23:07	18:26:22
18:29:37	18:32:52	18:36:08	18:39:23	18:42:39
18:45:54	18:49:10	1901 0 CL	19:08:17	1914 15CL
19:21:14	19:26:27	19:29:44	19:33:02	19:36:17
19:39:34	19:42:51	19:46:07	19:49:23	19:52:43
19:55:59	19:59:15	20:02:31	20:05:47	20:09:04
20:12:20	20:15:35	20:18:52	20:22:07	20:25:23
20:28:39	20:31:55	20:35:11	20:38:29	20:41:46
20:45:07	20:48:23	20:51:40	20:54:56	20:58:13
21:01:27	21:04:43	21:07:57	21:11:12	21:14:26
21:17:43	21:20:57	21:24:13	21:27:27	21:30:49
21:34:05	21:37:22	21:40:36	21:43:50	21:47:04
21:50:19	21:53:33	21:56:48	22:00:02	22:03:17
22:06:31	22:09:45	22:12:59	22:16:13	22:19:26
22:22:40	22:25:52	22:29:06	22:32:19	22:35:32
22:38:45	22:42:00	22:45:12	22:48:27	22:51:39

22:54:53  
23:11:00

22:58:06  
23:14:14

23:01:21

23:04:34

23:07:48

0 ERRORS

OK