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Mauna Loa Solar Observatory Observer's Log  
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Wed Sep 11 16:39:38 GMT 1996

Year: 96 Doy: 255

Observer: yasukawa

WEATHER COMMENT: Wed Sep 11 16:39:50 GMT 1996

Cool, clear, brisk southeast wind.

LOW-L COMMENT: Wed Sep 11 16:40:08 GMT 1996

Processor halted sometime either yesterday or day before (no observer on 9/10/96, DAK on vacation). Halt probably occurred at sunset as heliostat was pointed due west.

message on screen was: ON BOARD SYSTEM PARITY ERROR

ADDR (HEX)- 9000:C6FE)

SYSTEM HALTED

Cleaned drive 1, the unit data was writing to before crash, which was requesting a cleaning with its LEDs. L00413 removed and L00415 loaded into drive 1. Several restart tries went to drive 1 after attempting to write to drive 0. Swapped tapes. L00414 in drive 1 and L00415 in drive 0. Restarted program. Writing to drive 1, tape L00414.

pe

Wed Sep 11 16:51:28 GMT 1996 dPMon Start Patrol

Wed Sep 11 16:51:59 GMT 1996 CHIP CHIP Start Patrol

COMMENT: Wed Sep 11 16:53:21 GMT 1996

Corrected nene time -3 sec and kii time +1 sec.

CHIP COMMENT: Wed Sep 11 17:00:34 GMT 1996

Mike encoding running away, fixing.

Flat

Wed Sep 11 17:01:46 GMT 1996 dPMon End Flat

Wed Sep 11 17:05:45 GMT 1996 CHIP Bias

Wed Sep 11 17:06:55 GMT 1996 CHIP End Bias

Wed Sep 11 17:07:06 GMT 1996 CHIP Water

Wed Sep 11 17:07:46 GMT 1996 CHIP End Water

Wed Sep 11 18:00:51 GMT 1996 dPMon Flat

Wed Sep 11 18:01:43 GMT 1996 dPMon End Flat

Wed Sep 11 18:03:49 GMT 1996 CHIP Bias

Wed Sep 11 18:04:59 GMT 1996 CHIP End Bias

Wed Sep 11 18:05:09 GMT 1996 CHIP Water

Wed Sep 11 18:05:50 GMT 1996 CHIP End Water

Wed Sep 11 19:00:53 GMT 1996 dPMon Flat

Wed Sep 11 19:01:46 GMT 1996 dPMon End Flat

Wed Sep 11 19:04:26 GMT 1996 CHIP Bias

Wed Sep 11 19:05:29 GMT 1996 CHIP End Bias

Wed Sep 11 19:05:36 GMT 1996 CHIP Water

Wed Sep 11 19:06:12 GMT 1996 CHIP End Water

CHIP COMMENT: Wed Sep 11 19:17:02 GMT 1996

Stuck on FixCenter. fixing.

hl

CHIP COMMENT: Wed Sep 11 19:37:36 GMT 1996

Centering lost, fixed manually.

Also did Kill/Run to restart.

Stopped again later, fixed again.

:42:18 GMT 1996 CHIP CHIP Start Patrol

Wed Sep 11 19:42:28 GMT 1996 CHIP CHIP Start Patrol

Wed Sep 11 20:00:52 GMT 1996 dPMon Flat

Wed Sep 11 20:01:45 GMT 1996 dPMon End Flat

Wed Sep 11 20:04:12 GMT 1996 CHIP Gain

Wed Sep 11 20:09:26 GMT 1996 CHIP Gain

Wed Sep 11 20:15:20 GMT 1996 CHIP End Gain

Wed Sep 11 20:15:29 GMT 1996 CHIP Bias

Wed Sep 11 20:16:29 GMT 1996 CHIP End Bias

Wed Sep 11 20:16:39 GMT 1996 CHIP Water

Wed Sep 11 20:16:47 GMT 1996 CHIP End Gain

Wed Sep 11 20:16:58 GMT 1996 CHIP Bias

Wed Sep 11 20:17:27 GMT 1996 CHIP End Water

Wed Sep 11 20:21:16 GMT 1996 CHIP End Bias

Wed Sep 11 20:21:24 GMT 1996 CHIP Water

Wed Sep 11 20:21:56 GMT 1996 CHIP End Water

MKIII COMMENT: Wed Sep 11 20:22:57 GMT 1996

Stopping to do periodic height mask test.

Wed Sep 11 20:23:56 GMT 1996 dPMon End Patrol

Wed Sep 11 20:25:14 GMT 1996 CHIP CHIP End Patrol

COMMENT: Wed Sep 11 20:29:27 GMT 1996

Also stopped DPMON and CHIP to reconfigure dome shutter.

Wed Sep 11 20:30:17 GMT 1996 CHIP CHIP Start Patrol

MKIII COMMENT: Wed Sep 11 20:30:27 GMT 1996

Running height mask test now.

CHIP COMMENT: Wed Sep 11 20:34:24 GMT 1996

CHIP still losing centering. Fixing manually

CHIP COMMENT: Wed Sep 11 20:39:17 GMT 1996

CHIP keeps running to negative numbers. Working on it.

CHIP COMMENT: Wed Sep 11 20:45:06 GMT 1996

Program keeps doing it. Stopping and restarting Patrol

Wed Sep 11 20:47:36 GMT 1996 CHIP CHIP End Ending height mask test.

CHIP COMMENT: Wed Sep 11 21:01:49 GMT 1996

Wouldn't restart. Manually wrote filemarks on tape and ejecting.

Will restart from boot.

Wed Sep 11 21:02:51 GMT 1996 dPMon Flat

Wed Sep 11 21:03:44 GMT 1996 dPMon End Flat

Wed Sep 11 21:04:34 GMT 1996 CHIP CHIP Start Patrol

Wed Sep 11 21:14:36 GMT 1996 CHIP Startup--Initializing new tape

CHIP COMMENT: Wed Sep 11 21:15:50 GMT 1996

Loaded new tape before reboot.

Wed Sep 11 21:16:30 GMT 1996 CHIP CHIP Start Patrol

Wed Sep 11 22:05:08 GMT 1996 CHIP Bias

Wed Sep 11 22:06:08 GMT 1996 CHIP End Bias

Wed Sep 11 22:06:14 GMT 1996 CHIP Water  
Wed Sep 11 22:06:45 GMT 1996 CHIP End Water  
Wed Sep 11 22:21:36 GMT 1996 CHIP CHIP End Patrol  
DPMON COMMENT: Wed Sep 11 22:24:54 GMT 1996  
DPMON crashed while End selected. trying to fix.  
Wed Sep 11 22:31:01 GMT 1996 CHIP ending tape  
COMMENT: Wed Sep 11 22:36:17 GMT 1996  
Activity report:  
QP: 40; 50; 65; 130; 232-235; 291;  
No coronal activity

Tapes: MKIII: H01384  
DPMON: P00706  
CHIP: C00122 and C00123  
LOWL: L00414

SCAN-LOG

SCAN-LOG 17:01:24. 9/11/96 DOY 255  
17:12:26 17:15:39 17:18:54 17:22:07 17:25:21  
17:28:34 17:31:49 17:35:01 17:38:15 17:41:27  
17:44:41 17:47:53 17:51:11 17:54:22 17:57:35  
18:00:46 1811 0 CL 18:14:40 1819 15CL 18:26:13  
18:29:45 18:32:57 18:36:15 18:39:27 18:42:41  
18:45:53 18:49:07 18:52:20 18:55:38 18:58:51  
19:02:05 19:05:17 19:08:31 19:11:43 19:14:57  
19:18:09 19:21:23 19:24:36 19:27:50 19:31:03  
19:34:22 19:37:34 19:40:47 19:43:58 19:47:11  
19:50:22 19:53:35 19:56:46 19:59:59 20:03:10  
20:06:23 20:09:34 20:12:48 20:16:00 20:19:13  
20:30:23 20:33:36 20:36:47 20:39:59 20:43:11  
20:46:23 20:54:47 20:57:59 21:01:11 21:04:26  
21:07:37 21:10:50 21:14:03 21:17:16 21:20:27  
21:23:40 21:26:51 21:30:04 21:33:15 21:36:29  
21:39:41 21:42:55 21:46:06 21:49:19 21:52:30  
21:55:43 21:58:55 22:02:10 22:05:22 22:08:39  
22:11:51 22:15:04 22:18:17 22:21:30 22:24:43  
22:27:57

0 ERRORS

OK