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Mauna Loa Solar Observatory Observer's Log  
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Sun Oct 13 16:37:29 GMT 1996

Year: 96 Doy: 287

Observer: yasukawa

Sun Oct 13 16:37:32 GMT 1996 CHIP Startup--Initializing new tape

WEATHER COMMENT: Sun Oct 13 16:37:35 GMT 1996

Cool, clear, brisk southeast wind.

DPMON COMMENT: Sun Oct 13 16:38:01 GMT 1996

Occulter + 1971

Sun Oct 13 16:47:20 GMT 1996 CHIP CHIP Start Patrol

Sun Oct 13 16:47:35 GMT 1996 dPMon Start Patrol

CHIP COMMENT: Sun Oct 13 16:51:32 GMT 1996

Display, Camera and Status window hosed again. Same as on DOY 96277.

Typed Display &

Fixed.

pl

DPMON COMMENT: Sun Oct 13 16:54:01 GMT 1996

Objective wheel keeps going to polarizer. Checking things out.

Sun Oct 13 17:03:08 GMT 1996 dPMon Flat

Sun Oct 13 17:04:02 GMT 1996 dPMon End Flat

Sun Oct 13 17:04:57 GMT 1996 CHIP Bias

Sun Oct 13 17:06:10 GMT 1996 CHIP End Bias

Sun Oct 13 17:06:18 GMT 1996 CHIP Water

Sun Oct 13 17:06:59 GMT 1996 CHIP End Water

DPMON COMMENT: Sun Oct 13 17:06:07 GMT 1996

Still driving to polarizer. Give Clear command, goes to clear, then drives to polarizer.

DPMON COMMENT: Sun Oct 13 17:46:38 GMT 1996

Blew out encoder wheel with airbrush, Clear is 0,0, so polarizer might have been blocked. tried going to CLEAR and it went there and is staying so far.

Daystar was not moving also, cycled it manually and after a few cycles, it responded OK>

DPMON COMMENT: Sun Oct 13 17:51:46 GMT 1996

Crashed waiting for WaitRepl, cancelled it and Patrol resumed, but it went back to Polarizer, which is not bad, as it is presently a clear aperture. Halle is working.

Sun Oct 13 18:00:56 GMT 1996 dPMon Flat

Sun Oct 13 18:01:51 GMT 1996 dPMon End Flat

Sun Oct 13 18:04:04 GMT 1996 CHIP Bias

Sun Oct 13 18:05:10 GMT 1996 CHIP End Bias

Sun Oct 13 18:05:19 GMT 1996 CHIP Water

Sun Oct 13 18:05:54 GMT 1996 CHIP End Water

Sun Oct 13 19:00:55 GMT 1996 dPMon Flat

Sun Oct 13 19:01:49 GMT 1996 dPMon End Flat

Sun Oct 13 19:03:38 GMT 1996 CHIP Bias

Sun Oct 13 19:04:46 GMT 1996 CHIP End Bias

Sun Oct 13 19:04:55 GMT 1996 CHIP Water  
Sun Oct 13 19:05:29 GMT 1996 CHIP End Water  
Sun Oct 13 20:01:00 GMT 1996 dPMon Flat  
Sun Oct 13 20:01:54 GMT 1996 dPMon End Flat  
Sun Oct 13 20:05:17 GMT 1996 CHIP Gain  
Sun Oct 13 20:09:46 GMT 1996 CHIP End Gain  
Sun Oct 13 20:09:55 GMT 1996 CHIP Bias  
Sun Oct 13 20:10:36 GMT 1996 CHIP End Bias  
Sun Oct 13 20:10:46 GMT 1996 CHIP Water  
Sun Oct 13 20:11:17 GMT 1996 CHIP End Water  
COMMENT: Sun Oct 13 20:14:11 GMT 1996  
Reconfiguring dome  
MKIII COMMENT: Sun Oct 13 20:53:08 GMT 1996  
Stopping MKIII to investigate methods to align chan 1.  
Sun Oct 13 21:01:01 GMT 1996 dPMon Flat  
Sun Oct 13 21:01:57 GMT 1996 dPMon End Flat  
Sun Oct 13 21:04:40 GMT 1996 CHIP Bias  
Sun Oct 13 21:05:55 GMT 1996 CHIP End Bias  
Sun Oct 13 21:06:05 GMT 1996 CHIP Water  
Sun Oct 13 21:06:49 GMT 1996 CHIP End Water  
MKIII COMMENT: Sun Oct 13 21:19:47 GMT 1996  
Rotated straight detector until P-S flattened out a bit.  
CORRECTing.  
CHIP COMMENT: Sun Oct 13 21:39:41 GMT 1996  
Fixbus crash while working on MKIII.  
WEATHER COMMENT: Sun Oct 13 21:58:46 GMT 1996  
Orographic clouds.  
Sun Oct 13 22:00:58 GMT 1996 dPMon Flat  
Sun Oct 13 22:01:53 GMT 1996 dPMon End Flat  
Sun Oct 13 22:03:42 GMT 1996 CHIP Bias  
Sun Oct 13 22:04:44 GMT 1996 CHIP End Bias  
Sun Oct 13 22:04:54 GMT 1996 CHIP Water  
Sun Oct 13 22:05:33 GMT 1996 CHIP End Water  
MKIII COMMENT: Sun Oct 13 22:15:16 GMT 1996  
CORRECT is flaky, keep trying.  
MKIII COMMENT: Sun Oct 13 22:23:51 GMT 1996  
Trying backup disk to see if there is damage to current disk as  
suspected.  
MKIII COMMENT: Sun Oct 13 22:31:15 GMT 1996  
Recent backup contains error also.  
MKIII COMMENT: Sun Oct 13 22:33:27 GMT 1996  
Trying 1985 backup.  
Sun Oct 13 23:00:56 GMT 1996 dPMon Flat  
Sun Oct 13 23:01:52 GMT 1996 dPMon End Flat  
Sun Oct 13 23:05:02 GMT 1996 CHIP Bias  
Sun Oct 13 23:06:18 GMT 1996 CHIP End Bias  
Sun Oct 13 23:06:27 GMT 1996 CHIP Water  
Sun Oct 13 23:07:03 GMT 1996 CHIP End Water

MKIII COMMENT: Sun Oct 13 22:43:17 GMT 1996  
85 backup worked, need to make a current backup to test transferring  
CORRECT blocks.

MKIII COMMENT: Sun Oct 13 23:09:24 GMT 1996  
I now have a new system disk, made by backing up the original  
system disk and copying the CORRECT program from the '85  
backup to the new copy.

COMMENT: Sun Oct 13 23:11:21 GMT 1996

Spar ran into ladder.

Sun Oct 13 23:46:37 GMT 1996 CHIP CHIP End Patrol

COMMENT: Sun Oct 13 23:46:43 GMT 1996

Shutting down. Need to make a new backup disk for the new

Disk 0

Sun Oct 13 23:47:22 GMT 1996 dPMon End Patrol

Sun Oct 13 23:49:28 GMT 1996 CHIP ending tape

COMMENT: Sun Oct 13 23:52:37 GMT 1996

activity report:

QP: 41; 127-135; 270-278;

AP: 110-121;

No coronal activity

Tapes: MKIII: H01412

DPMON: P00736

CHIP: C00153

LOWL: :00420

SCAN-LOG

SCAN-LOG 16:45:34. 10/13/96 DOY 287

|          |           |          |          |           |
|----------|-----------|----------|----------|-----------|
| 17:08:48 | 17:12:02  | 17:15:14 | 17:18:26 | 17:21:37  |
| 17:24:49 | 17:27:59  | 17:31:11 | 17:34:21 | 17:37:35  |
| 17:40:46 | 17:43:57  | 17:47:07 | 17:50:18 | 17:53:28  |
| 17:56:44 | 17:59:54  | 18:03:06 | 18:06:16 | 1810 0 CL |
| 18:14:27 | 1820 15CL | 18:28:41 | 18:33:33 | 18:36:44  |
| 18:40:03 | 18:43:15  | 18:46:28 | 18:49:39 | 18:52:53  |
| 18:56:05 | 18:59:23  | 19:02:34 | 19:05:47 | 19:08:59  |
| 19:12:11 | 19:15:23  | 19:18:35 | 19:21:46 | 19:24:58  |
| 19:28:09 | 19:31:21  | 19:34:32 | 19:37:44 | 19:40:55  |
| 19:44:07 | 19:47:17  | 19:50:28 | 19:53:40 | 19:56:51  |
| 20:00:01 | 20:03:12  | 20:06:22 | 20:09:35 | 20:12:45  |
| 20:16:00 | 20:19:10  | 20:22:22 | 20:25:32 | 20:28:46  |
| 20:31:57 | 20:35:09  | 20:38:19 | 20:41:30 | 20:44:40  |
| 20:47:51 | 20:51:01  | 23:30:13 | 23:33:25 | 23:36:38  |
| 23:39:50 | 23:43:04  | 23:46:16 |          |           |

0 ERRORS

OK