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Mauna Loa Solar Observatory Observer's Log  
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Tue Sep 17 16:50:02 GMT 1996

Year: 96 Doy: 261

Observer: koon

WEATHER COMMENT: Tue Sep 17 16:50:06 GMT 1996

Thin to medium scattered cirrus, wind=10 mph from the SSE, temp=47 F.

Tue Sep 17 16:50:54 GMT 1996 CHIP Startup--Initializing new tape

Tue Sep 17 16:54:59 GMT 1996 dPMon Start Patrol

Tue Sep 17 16:55:13 GMT 1996 CHIP CHIP Start Patrol

Tue Sep 17 17:01:56 GMT 1996 dPMon Flat

Tue Sep 17 17:02:52 GMT 1996 dPMon End Flat

Tue Sep 17 17:04:37 GMT 1996 CHIP Bias

Tue Sep 17 17:05:49 GMT 1996 CHIP End Bias

Tue Sep 17 17:05:59 GMT 1996 CHIP Water

Tue Sep 17 17:06:44 GMT 1996 CHIP End Water

WEATHER COMMENT: Tue Sep 17 17:43:34 GMT 1996

Thicker cirrus is moving over.

Tue Sep 17 17:52:07 GMT 1996 dPMon End Patrol

MKIII COMMENT: Tue Sep 17 17:52:11 GMT 1996

Pausing due to clouds.

DPMON COMMENT: Tue Sep 17 17:52:24 GMT 1996

Pausing due to clouds.

Tue Sep 17 18:05:55 GMT 1996 CHIP Bias

Tue Sep 17 18:07:04 GMT 1996 CHIP End Bias

Tue Sep 17 18:07:10 GMT 1996 CHIP Water

Tue Sep 17 18:07:48 GMT 1996 CHIP End Water

Tue Sep 17 19:03:29 GMT 1996 CHIP Bias

Tue Sep 17 19:04:32 GMT 1996 CHIP End Bias

Tue Sep 17 19:04:38 GMT 1996 CHIP Water

Tue Sep 17 19:05:13 GMT 1996 CHIP End Water

Tue Sep 17 20:03:45 GMT 1996 CHIP Gain

Tue Sep 17 20:08:29 GMT 1996 CHIP End Gain

Tue Sep 17 20:08:36 GMT 1996 CHIP Bias

DPMON COMMENT: Tue Sep 17 20:08:46 GMT 1996

Restarting observations.

996 dPMon Start Patrol

Tue Sep 17 20:09:17 GMT 1996 CHIP End Bias

Tue Sep 17 20:09:27 GMT 1996 CHIP Water

Tue Sep 17 20:09:57 GMT 1996 CHIP End Water

MKIII COMMENT: Tue Sep 17 20:56:42 GMT 1996

Restarted observations, very thin cirrus still present.

Tue Sep 17 21:02:52 GMT 1996 dPMon Flat

Tue Sep 17 21:03:47 GMT 1996 dPMon End Flat

Tue Sep 17 21:04:28 GMT 1996 CHIP Bias

Tue Sep 17 21:05:47 GMT 1996 CHIP End Bias

Tue Sep 17 21:05:56 GMT 1996 CHIP Water

Tue Sep 17 21:06:32 GMT 1996 CHIP End Water

CHIP COMMENT: Tue Sep 17 21:24:11 GMT 1996

chip x direction run away on motor mike about 21:20.

DPMON COMMENT: Tue Sep 17 21:41:23 GMT 1996

It appears that the occulting wheel isn't functioning correctly, stopping observations to investigate.

Tue Sep 17 21:59:44 GMT 1996 dPMon Start Patrol

Tue Sep 17 22:01:23 GMT 1996 dPMon Flat

Tue Sep 17 22:02:45 GMT 1996 dPMon End Flat

Tue Sep 17 22:03:23 GMT 1996 CHIP Bias

Tue Sep 17 22:04:14 GMT 1996 dPMon End Patrol

Tue Sep 17 22:04:33 GMT 1996 CHIP End Bias

Tue Sep 17 22:04:40 GMT 1996 CHIP Water

Tue Sep 17 22:05:19 GMT 1996 CHIP End Water

DFE TEST COMMENT: Tue Sep 17 22:46:08 GMT 1996

This is a test comment

DPMON COMMENT: Tue Sep 17 22:52:24 GMT 1996

lost control of occulting disk earlier, Koon found piece of a counter weight jammed in the wheel. This has been removed but clutch now seems no need adjustment. Will place occulting in manually and restart program, will work on clutch later.

Tue Sep 17 23:04:04 GMT 1996 dPMon Start Patrol

Tue Sep 17 23:05:12 GMT 1996 CHIP Bias

Tue Sep 17 23:06:14 GMT 1996 CHIP End Bias

Tue Sep 17 23:06:21 GMT 1996 CHIP Water

Tue Sep 17 23:06:59 GMT 1996 CHIP End Water

DPMON COMMENT: Tue Sep 17 23:04:38 GMT 1996

restart program 2303 no motor control. Occulting disk in for all times, even when halpha disk is stated.

Tue Sep 17 23:30:08 GMT 1996 dPMon End Patrol

Tue Sep 17 23:51:34 GMT 1996 dPMon Start Patrol

DPMON COMMENT: Tue Sep 17 23:30:02 GMT 1996

Removed occulting wheel motor mechanism. It doesn't appear to have a clutch but the driving engager is spinning on the motor output shaft.

2350 restart dpmon with working motor, noticed large prominence on east limb

CHIP COMMENT: Tue Sep 17 23:56:51 GMT 1996

had to reset motor mike position again after run away. Have been in clouds for about last hour.

Wed Sep 18 00:00:56 GMT 1996 dPMon Flat

Wed Sep 18 00:01:49 GMT 1996 dPMon End Flat

Wed Sep 18 00:06:51 GMT 1996 CHIP Bias

Wed Sep 18 00:08:05 GMT 1996 CHIP End Bias

Wed Sep 18 00:08:16 GMT 1996 CHIP Water

Wed Sep 18 00:08:56 GMT 1996 CHIP End Water

DPMON COMMENT: Wed Sep 18 00:07:27 GMT 1996

EPL at PA=90 came up quickly within the last hour while working on the dPMon out to RV=1.2 now.

Wed Sep 18 01:00:55 GMT 1996 dPMon Flat

Wed Sep 18 01:01:53 GMT 1996 dPMon End Flat

Wed Sep 18 01:06:23 GMT 1996 CHIP Bias  
 Wed Sep 18 01:07:26 GMT 1996 CHIP End Bias  
 Wed Sep 18 01:07:35 GMT 1996 CHIP Water  
 Wed Sep 18 01:08:17 GMT 1996 CHIP End Water  
 COMMENT: Wed Sep 18 01:12:57 GMT 1996  
 dome reconfigured 0103-0111 ut. Dome guider may not be working well at this  
 time of day, noticed brightening on west limb from scatter off dome.  
 COMMENT: Wed Sep 18 01:16:31 GMT 1996  
 prominence continues to grow will have to call in alert if it goes out another  
 division on scale. Don at Goddard called this morning and said that he and  
 Chris St.. saw nothing from LASCO yesterday at time Eric and Kim thought there  
 was a large depletion. EPL very noticable on CHIP.  
 CHIP COMMENT: Wed Sep 18 01:50:52 GMT 1996  
 dome out 0145, lost fixcenter, reset manually  
 Wed Sep 18 02:00:52 GMT 1996 dPMon Flat  
 Wed Sep 18 02:01:46 GMT 1996 dPMon End Flat  
 Wed Sep 18 02:02:54 GMT 1996 CHIP Bias  
 Wed Sep 18 02:04:01 GMT 1996 CHIP End Bias  
 Wed Sep 18 02:04:10 GMT 1996 CHIP Water  
 Wed Sep 18 02:04:52 GMT 1996 CHIP End Water  
 Wed Sep 18 02:45:29 GMT 1996 CHIP CHIP End Patrol  
 Wed Sep 18 02:50:40 GMT 1996 CHIP CHIP Start Patrol  
 Wed Sep 18 03:00:28 GMT 1996 CHIP CHIP Start Patrol  
 Wed Sep 18 03:00:53 GMT 1996 dPMon Flat  
 Wed Sep 18 03:01:45 GMT 1996 dPMon End Flat  
 CHIP COMMENT: Wed Sep 18 02:55:38 GMT 1996  
 optics busy while fixcenter. Had to kill program and restart, worked for a minute  
 but sttatus wrong on monitor, says cover in error. Still hung at fixcenter,  
 Wed Sep 18 03:19:33 GMT 1996 CHIP CHIP Start Patrol  
 CHIP COMMENT: Wed Sep 18 03:24:07 GMT 1996  
 restarted program about 0320, seems ok  
 Wed Sep 18 03:25:46 GMT 1996 CHIP CHIP End Patrol  
 CHIP COMMENT: Wed Sep 18 03:28:13 GMT 1996  
 program just sitting there in waiting mode, been here 9 hours and am not  
 having a good time with CHIP, will attempt to shut down during the next hour  
 Wed Sep 18 03:30:45 GMT 1996 CHIP ending tape  
 Wed Sep 18 03:40:45 GMT 1996 dPMon End Patrol  
 COMMENT: Wed Sep 18 03:41:51 GMT 1996  
 activity report: epl slow moving never got to 1.3 radii at pa 90. QP at 42,  
 55, 65, 75, 85, 285 pa.  
 Tapes P00711, H01390, C00128, L00414  
 Note that tape drive 0 of lowL has ejected tape labled L00415, reconfigured  
 tape locations saved L00414 and placed tape from 0 into 1. reset computer,  
 lost data from 0349 to 0403.  
 SCAN-LOGS SCAN-LOGS ?  
 SCAN-LOG  
 SCAN-LOG 16:56:02. 9/17/96 DOY 261  
 17:07:42 17:10:57 17:14:10 17:17:24 17:20:36

17:23:51	17:27:03	17:30:17	17:33:28	17:36:42
17:39:54	17:43:07	17:46:18	17:49:30	20:57:00
21:00:11	21:03:25	21:06:37	2110 0 CL	21:13:49
2118 15CL	21:30:36	21:36:23	21:39:35	21:42:54
21:46:08	21:49:22	21:52:34	21:55:48	21:59:03
22:02:16	22:05:29	22:08:43	22:11:56	22:15:09
22:18:22	22:21:35	22:24:48	22:28:06	22:31:18
22:34:31	22:37:43	22:40:55	22:44:06	22:47:18
22:50:30	22:53:43	22:56:54	23:00:11	23:03:22
23:06:33	23:09:44	23:57:14	0:00:27	0:03:40
0:06:55	0:10:10	0:13:29	0:16:42	0:19:57
0:23:11	0:26:24	0:29:36	0:32:49	0:36:00
0:39:13	0:42:25	0:45:37	0:48:49	0:52:03
0:55:16	0:58:32	1:01:45	1:04:57	1:08:08
1:11:20	1:14:30	1:17:42	1:20:53	1:24:05
1:27:16	1:30:29	1:33:40	1:36:54	1:40:07
1:43:20	1:46:31	1:49:44	1:52:55	1:56:08
1:59:20	2:02:32	2:05:44	2:08:59	2:12:12
2:15:25	2:18:37	2:21:50	2:25:01	2:28:14
2:31:26	2:34:40	2:37:52	2:41:09	2:44:21
2:47:34	2:50:46	2:53:58	2:57:10	3:00:23
3:03:35	3:06:49	3:10:01	3:13:19	3:16:31
3:19:44	3:22:56	3:26:09	3:29:20	3:32:33
3:35:44				

0 ERRORS

OK