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Mauna Loa Solar Observatory Observer's Log  
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Tue Jun 11 16:47:18 GMT 1996

Year: 96 Doy: 163

Observer: koon

WEATHER COMMENT: Tue Jun 11 16:47:28 GMT 1996

Scattered thin cirrus, wind=5 mph from the South, temp=43 F.

Tue Jun 11 16:51:03 GMT 1996 dPMon Start Patrol

Tue Jun 11 16:51:14 GMT 1996 CHIP CHIP Start Patrol

DPMON COMMENT: Tue Jun 11 16:58:57 GMT 1996

Interesting prominence located at PA=290-300, reaches out to RV=1.1

Tue Jun 11 17:00:34 GMT 1996 CHIP Bias

Tue Jun 11 17:01:12 GMT 1996 CHIP End Bias

Tue Jun 11 17:01:19 GMT 1996 CHIP Water

Tue Jun 11 17:01:46 GMT 1996 dPMon Flat

Tue Jun 11 17:01:44 GMT 1996 CHIP End Water

Tue Jun 11 17:02:38 GMT 1996 dPMon End Flat

Tue Jun 11 18:01:40 GMT 1996 dPMon Flat

Tue Jun 11 18:01:34 GMT 1996 CHIP Bias

Tue Jun 11 18:02:13 GMT 1996 CHIP End Bias

Tue Jun 11 18:02:32 GMT 1996 dPMon End Flat

Tue Jun 11 18:02:21 GMT 1996 CHIP Water

Tue Jun 11 18:02:47 GMT 1996 CHIP End Water

Tue Jun 11 19:01:37 GMT 1996 dPMon Flat

Tue Jun 11 19:02:24 GMT 1996 dPMon End Flat

Tue Jun 11 19:04:12 GMT 1996 CHIP Bias

Tue Jun 11 19:05:28 GMT 1996 CHIP End Bias

Tue Jun 11 19:05:37 GMT 1996 CHIP Water

Tue Jun 11 19:06:13 GMT 1996 CHIP End Water

WEATHER COMMENT: Tue Jun 11 19:16:27 GMT 1996

Orographic clouds are moving in from the West.

Tue Jun 11 20:00:58 GMT 1996 CHIP Gain

Tue Jun 11 20:01:38 GMT 1996 dPMon Flat

Tue Jun 11 20:02:31 GMT 1996 dPMon End Flat

Tue Jun 11 20:04:53 GMT 1996 CHIP End Gain

Tue Jun 11 20:05:03 GMT 1996 CHIP Bias

Tue Jun 11 20:05:44 GMT 1996 CHIP End Bias

Tue Jun 11 20:05:54 GMT 1996 CHIP Water

Tue Jun 11 20:06:21 GMT 1996 CHIP End Water

WEATHER COMMENT: Tue Jun 11 20:16:44 GMT 1996

Clouds are still thick, no clearing in sight.

WEATHER COMMENT: Tue Jun 11 20:53:33 GMT 1996

Getting some breaks in the clouds.

COMMENT: Tue Jun 11 20:53:58 GMT 1996

Extended the dome slot now that clouds are thinning.

Tue Jun 11 21:01:00 GMT 1996 CHIP Bias

Tue Jun 11 21:01:42 GMT 1996 dPMon Flat

Tue Jun 11 21:01:39 GMT 1996 CHIP End Bias  
Tue Jun 11 21:01:47 GMT 1996 CHIP Water  
Tue Jun 11 21:02:16 GMT 1996 CHIP End Water  
Tue Jun 11 21:02:34 GMT 1996 dPMon End Flat  
Tue Jun 11 21:38:48 GMT 1996 dPMon End Patrol

WEATHER COMMENT: Tue Jun 11 21:39:02 GMT 1996

Thick clouds and possible fog, pausing instruments and closing dome.

Tue Jun 11 21:40:00 GMT 1996 CHIP CHIP End Patrol

DPMON COMMENT: Tue Jun 11 22:23:30 GMT 1996

Taking a closer look at the occulting wheel, there is already a counterweight mounted on the wheel. The old 1.25 R offset occulter position is emptier than it used to be before I removed the rest of the assembly to be used for the new lowk mask, but that was changed a long time ago, before we noticed the wheel imbalance problem. I'm not sure if anything was added to or removed from the wheel the last time the Boulder crew was here in April, I'll check. Just noticed that there is no play in the wheel when I move to a position in the CW (according to MCC video monitor) direction, but there is play when I move to a position in the CCW direction. Without any play we wouldn't have the occulting disk drift problem.

Tue Jun 11 23:33:52 GMT 1996 CHIP ending tape

COMMENT: Tue Jun 11 23:35:18 GMT 1996

Activity report:

QP: 43; 65-85; 135; 220-240; 290-305.

No coronal activity.

TAPES:

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MKIII: H01315

DPMON: P00634

CHIP: C00051

LOW-L: L00397 in drive #0 for most of day, file count had reset on 6/9, after 1600 it showed 2 files instead of 56 as it should have, so apparently the file count is still being reset to zero and it is occurring either at the end or beginning of the day. I let it run until today to see if it would change over to drive #1 after reaching an actual file count of 76 yesterday, but it didn't, so the file count on the screen jives with what the computer figures (incorrectly. So, removed L00397 from drive #0 and installed L00398 there and L00399 in drive #1, then restarted program.

SCAN-LOG

SCAN-LOG 16:51:29. 6/11/96 DOY 163

16:57:02	17:00:17	17:03:31	17:06:47	17:10:02
17:13:18	17:16:34	17:19:50	17:23:05	17:26:20
17:29:33	17:32:48	17:36:01	17:39:15	17:42:28
17:45:43	17:48:56	17:52:09	17:55:22	17:58:41
1807 0 CL	18:11:38	1815 15CL	18:23:50	18:34:59
18:38:13	18:41:31	18:44:43	18:48:01	18:51:13
18:54:26	18:57:38	19:00:50	19:04:01	19:07:13
19:10:24	19:13:35	19:16:45	19:19:57	19:23:08

19:26:20	19:29:30	19:32:42	19:35:53	19:39:05
19:42:16	19:45:28	19:48:39	19:51:52	19:55:03
19:58:15	20:01:26	20:04:39	20:07:50	20:11:02
20:14:12	20:17:24	20:20:35	20:23:47	20:26:57
20:30:09	20:33:19	20:36:31	20:39:41	20:42:53
20:46:03	20:49:15	20:52:25	20:55:37	20:58:47
21:01:59	21:05:09	21:08:21	21:11:31	21:14:43
21:17:53	21:21:05	21:24:15	21:27:27	21:30:38
21:33:49	21:37:00			

0 ERRORS

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