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Mauna Loa Solar Observatory Observer's Log  
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Wed Jun 11 16:40:26 GMT 1997

Year: 97 Doy: 162

Observer: koon

WEATHER COMMENT: Wed Jun 11 16:40:30 GMT 1997

Thick clouds to the East, wind=30+ mph from the SE, temp=40 F, fog blowing over.

COMMENT: Wed Jun 11 16:41:28 GMT 1997

Will wait until fog clears before starting observations.

Wed Jun 11 17:19:23 GMT 1997 CHIP Startup--Initializing new tape

Wed Jun 11 17:40:53 GMT 1997 CHIP CHIP Start Patrol

WEATHER COMMENT: Wed Jun 11 17:41:02 GMT 1997

Fog has moved downhill to the East.

COMMENT: Wed Jun 11 17:41:26 GMT 1997

Starting observations. I tightened the dome motor mounts and bent up the rail a little in on place because the gear cogs weren't reaching the track very well at that location and the dome wouldn't drive well in azimuth.

It seems OK now but the rail may need to be bent more later. Wed Jun 11 18:03:04 GMT 1997 CHIP Bias Wed Jun 11 1

8:03:47 GMT 1997 CHIP End Bias

Wed Jun 11 18:03:54 GMT 1997 CHIP Water

Wed Jun 11 18:04:21 GMT 1997 CHIP End Water

Wed Jun 11 19:02:08 GMT 1997 CHIP Bias

Wed Jun 11 19:02:49 GMT 1997 CHIP End Bias

Wed Jun 11 19:02:56 GMT 1997 CHIP Water

Wed Jun 11 19:03:26 GMT 1997 CHIP End Water

Wed Jun 11 19:09:41 GMT 1997 dPMon Start Patrol

Wed Jun 11 19:12:13 GMT 1997 dPMon Start Patrol

DPMON COMMENT: Wed Jun 11 19:12:05 GMT 1997

Stalled, used Run/Kill to fix.

Wed Jun 11 19:39:40 GMT 1997 CHIP CHIP End Patrol

Wed Jun 11 20:00:37 GMT 1997 CHIP CHIP Start Patrol

Wed Jun 11 20:00:57 GMT 1997 dPMon Flat

Wed Jun 11 20:01:53 GMT 1997 dPMon End Flat

CHIP COMMENT: Wed Jun 11 20:03:56 GMT 1997

Helped David do some Lyot filter tests. More tests to come shortly.

COMMENT: Wed Jun 11 20:17:49 GMT 1997

Extended dome slot.

Wed Jun 11 20:21:39 GMT 1997 CHIP CHIP End Patrol

Wed Jun 11 20:32:32 GMT 1997 CHIP CHIP Start Patrol

CHIP COMMENT: Wed Jun 11 20:32:31 GMT 1997

Finished last of Lyot filter testing with David for today. It looks like all 4 elements in the filter are tuning predictably, so the filter looks OK so far. The next step involves removing and inspecting it. They will figure out a plan on this in Boulder.

Wed Jun 11 21:01:00 GMT 1997 dPMon Flat

Wed Jun 11 21:01:56 GMT 1997 dPMon End Flat

Wed Jun 11 21:03:04 GMT 1997 CHIP Bias  
 Wed Jun 11 21:03:53 GMT 1997 CHIP End Bias  
 Wed Jun 11 21:04:02 GMT 1997 CHIP Water  
 Wed Jun 11 21:04:41 GMT 1997 CHIP End Water  
 Wed Jun 11 22:02:02 GMT 1997 CHIP Bias  
 Wed Jun 11 22:02:44 GMT 1997 CHIP End Bias  
 Wed Jun 11 22:02:51 GMT 1997 CHIP Water  
 Wed Jun 11 22:03:23 GMT 1997 CHIP End Water  
 Wed Jun 11 22:15:36 GMT 1997 CHIP CHIP End Patrol  
 DPMON COMMENT: Wed Jun 11 22:15:58 GMT 1997  
 Stalled again, did Kill/Run to get it to the point where I can stop for  
 the day and exit normally.  
 Wed Jun 11 22:18:38 GMT 1997 CHIP ending tape  
 COMMENT: Wed Jun 11 22:17:11 GMT 1997  
 Activity report:  
 QP: 115-130; 235-250; 280-320.  
 No coronal activity.

TAPES:  
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MKIII: H01576  
 DPMON: P00907  
 CHIP: C00328  
 LOWL: L00459

SCAN-LOG

SCAN-LOG 17:44:59. 6/11/97 DOY 162  
 18:05:47 18:09:02 18:12:16 18:15:32 18:18:46  
 18:22:01 18:25:15 18:28:31 18:31:45 1835 0 CL  
 18:39:26 1843 15CL 18:50:21 19:03:03 19:06:20  
 19:09:37 19:12:52 19:16:08 19:19:24 19:22:42  
 19:25:57 19:29:13 19:32:29 19:35:51 19:39:07  
 19:42:24 19:45:39 19:48:56 19:52:14 19:55:37  
 19:58:53 20:02:10 20:05:25 20:08:43 20:11:58  
 20:15:15 20:18:33 20:21:55 20:25:11 20:28:27  
 20:31:41 20:34:57 20:38:11 20:41:27 20:44:41  
 20:48:02 20:51:16 20:54:31 20:57:45 21:01:00  
 21:04:13 21:07:34 21:10:49 21:14:05 21:17:18  
 21:20:33 21:23:45 21:27:00 21:30:13 21:33:27  
 21:36:40 21:40:01 21:43:14 21:46:28 21:49:41  
 21:52:55 21:56:10 21:59:24 22:02:36 22:05:50  
 22:09:03

0 ERRORS

OK