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Mauna Loa Solar Observatory Observer's Log  
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Thu Jun 13 16:24:29 GMT 1996

Year: 96 Doy: 165

Observer: yasukawa

WEATHER COMMENT: Thu Jun 13 16:25:10 GMT 1996

Cool, in broken altostratus clouds spawned by sheared cumulus towers in unstable airmass to southwest, southwest wind.

Thu Jun 13 16:26:37 GMT 1996 CHIP Startup--Initializing new tape

COMMENT: Thu Jun 13 16:36:54 GMT 1996

Some of the older MKIII cables had slipped down so the spar could not guide in dec due to taut cables. Pulled them up around a foot to give the service loop more slack.

Thu Jun 13 16:39:22 GMT 1996 dPMon Start Patrol

Thu Jun 13 16:40:02 GMT 1996 CHIP CHIP Start Patrol

CHIP COMMENT: Thu Jun 13 16:53:53 GMT 1996

Corrected CHIP (kii) time +4 sec.

Thu Jun 13 17:01:39 GMT 1996 dPMon Flat

Thu Jun 13 17:01:35 GMT 1996 CHIP Bias

Thu Jun 13 17:02:18 GMT 1996 CHIP End Bias

Thu Jun 13 17:02:25 GMT 1996 CHIP Water

Thu Jun 13 17:02:29 GMT 1996 dPMon End Flat

Thu Jun 13 17:02:54 GMT 1996 CHIP End Water

WEATHER COMMENT: Thu Jun 13 17:49:37 GMT 1996

In altostratus again, larger mass this time.

Thu Jun 13 18:00:34 GMT 1996 CHIP Bias

Thu Jun 13 18:01:32 GMT 1996 CHIP End Bias

Thu Jun 13 18:01:40 GMT 1996 dPMon Flat

Thu Jun 13 18:01:42 GMT 1996 CHIP Water

Thu Jun 13 18:02:07 GMT 1996 CHIP End Water

Thu Jun 13 18:02:29 GMT 1996 dPMon End Flat

CHIP COMMENT: Thu Jun 13 18:23:54 GMT 1996

CHIP looks like it is having a mike runaway. Image is moving toward low X values in increments.

Will watch it further and fix it if necessary.

Thu Jun 13 19:01:37 GMT 1996 dPMon Flat

Thu Jun 13 19:02:25 GMT 1996 dPMon End Flat

Thu Jun 13 19:04:32 GMT 1996 CHIP Bias

Thu Jun 13 19:06:11 GMT 1996 CHIP End Bias

Thu Jun 13 19:06:18 GMT 1996 CHIP Water

Thu Jun 13 19:06:52 GMT 1996 CHIP End Water

CHIP COMMENT: Thu Jun 13 19:24:46 GMT 1996

Mike ran away again. Ran X back to default position.

WEATHER COMMENT: Thu Jun 13 19:25:59 GMT 1996

clear hole.

CHIP COMMENT: Thu Jun 13 19:28:37 GMT 1996

Program was also stopped. Cancelled Optics and Wait, put Optics into /dev/null to restart.

WEATHER COMMENT: Thu Jun 13 19:37:38 GMT 1996

Back in altocumulus and altostratus.

Thu Jun 13 19:38:17 GMT 1996 dPMon End Patrol

COMMENT: Thu Jun 13 19:38:24 GMT 1996

Stopping to reconfigure dome shutter.

Thu Jun 13 19:40:32 GMT 1996 CHIP CHIP End Patrol

Thu Jun 13 19:45:49 GMT 1996 dPMon Start Patrol

Thu Jun 13 19:45:57 GMT 1996 CHIP CHIP Start Patrol

COMMENT: Thu Jun 13 19:46:41 GMT 1996

Going down to GONG to do weekly PM

Thu Jun 13 20:01:38 GMT 1996 dPMon Flat

Thu Jun 13 20:01:34 GMT 1996 CHIP Gain

Thu Jun 13 20:02:30 GMT 1996 dPMon End Flat

Thu Jun 13 20:05:29 GMT 1996 CHIP End Gain

Thu Jun 13 20:05:38 GMT 1996 CHIP Bias

Thu Jun 13 20:06:35 GMT 1996 CHIP End Bias

Thu Jun 13 20:06:42 GMT 1996 CHIP Water

Thu Jun 13 20:07:07 GMT 1996 CHIP End Water

COMMENT: Thu Jun 13 20:14:40 GMT 1996

Back from GONG

CHIP COMMENT: Thu Jun 13 20:27:03 GMT 1996

CHIP stopped on Optics: BUSY again. fixing.

CHIP COMMENT: Thu Jun 13 20:41:54 GMT 1996

CHIP stopped again. Seems to stop after crunch scales get printed out.  
Fixing.

Thu Jun 13 21:01:39 GMT 1996 dPMon Flat  
Thu Jun 13 21:01:34 GMT 1996 CHIP Bias  
Thu Jun 13 21:02:15 GMT 1996 CHIP End Bias  
Thu Jun 13 21:02:24 GMT 1996 CHIP Water  
Thu Jun 13 21:02:32 GMT 1996 dPMon End Flat  
Thu Jun 13 21:02:50 GMT 1996 CHIP End Water

DPMON COMMENT: Thu Jun 13 21:40:53 GMT 1996

Stopping in clouds to check out some things for manual re-write.

If clouds persist, I may not resume Patrol.

Thu Jun 13 21:41:56 GMT 1996 dPMon End Patrol  
Thu Jun 13 22:02:35 GMT 1996 CHIP Bias  
Thu Jun 13 22:03:32 GMT 1996 CHIP End Bias  
Thu Jun 13 22:03:39 GMT 1996 CHIP Water  
Thu Jun 13 22:04:03 GMT 1996 CHIP End Water

COMMENT: Thu Jun 13 22:05:49 GMT 1996

Ending observations for the day, still in heavy altostratus or cirrus overcast.

#### Activity Report:

QP: 85; 233; 242; 255; 275-281; 292;

No coronal activity

Tapes: MKIII: H01317

DPMON: P00636

CHIP: C00053

LOWL: L00398

GMT 1996 CHIP ending tape

SCAN-LOG

SCAN-LOG 16:39:06. 6/13/96 DOY 165

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

0 ERRORS

OK