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Mauna Loa Solar Observatory Observer's Log  
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Thu May 15 16:14:35 GMT 1997

Year: 97 Doy: 135

Observer: yasukawa

WEATHER COMMENT: Thu May 15 16:14:39 GMT 1997

Cold, currently in thin, structured cirrus, light south breeze,  
frost covering ground.

CHIP COMMENT: Thu May 15 16:16:03 GMT 1997

CHIP filter temperature very low.... 27.871

CHIP plate temperature very low..... 7.942

CHIP COMMENT: Thu May 15 16:17:29 GMT 1997

Kii tape drive fault... Can't open /dev/rmt/Ombn, No tape or write protected.  
Cycled power to drive.

Tape not loading properly, investigating.

CHIP COMMENT: Thu May 15 16:35:27 GMT 1997

Cycled power to Kii. Tape loaded led went on properly. Ejected tape.  
Cleaned drive with LOWL 18c cleaning cartridge. Reloaded tape.

Temperatures low because I forgot that the circulator kicks off  
whenever there is a power interruption. It was off since yesterday's  
2020UT power outage. Reset it.

Thu May 15 16:41:39 GMT 1997 dPMon Start Patrol

DPMON COMMENT: Thu May 15 16:42:00 GMT 1997

Had to do a Cancel Wait to get program off INIT.

Thu May 15 16:42:52 GMT 1997 dPMon End Patrol

Thu May 15 16:42:54 GMT 1997 CHIP Startup--Initializing new tape

Thu May 15 16:43:51 GMT 1997 dPMon Start Patrol

Thu May 15 16:44:48 GMT 1997 CHIP CHIP Start Patrol

CHIP COMMENT: Thu May 15 16:51:58 GMT 1997

CHIP filter temp = 27.864

CHIP Plate temp = 19.835

CHIP COMMENT: Thu May 15 16:53:53 GMT 1997

CHIP tape drive is running OK now.

DPMON COMMENT: Thu May 15 16:54:48 GMT 1997

Exposure or display gains off, or it could be the cirrus, but  
display looks very underexposed. Cranked it to 8.

DPMON COMMENT: Thu May 15 16:56:38 GMT 1997

Megaplug exposure set to 100ms. Red mark (old??) at 500ms. Should be  
at correct exposure because nothing was touched recently.

Thu May 15 17:01:05 GMT 1997 CHIP Bias

Thu May 15 17:01:50 GMT 1997 CHIP End Bias

Thu May 15 17:02:05 GMT 1997 dPMon Flat

Thu May 15 17:02:01 GMT 1997 CHIP Water

Thu May 15 17:02:29 GMT 1997 CHIP End Water

Thu May 15 17:03:02 GMT 1997 dPMon End Flat

CHIP COMMENT: Thu May 15 17:05:23 GMT 1997

CHIP filter temp = 29.005

CHIP plate temp = 20.993, in range.

WEATHER COMMENT: Thu May 15 17:26:13 GMT 1997

Cirrus is still there, very thin, structure faint. Breeze is very light and coming upslope, northwesterly. Contractors are at work creating their obligatory dust. Danger to objective lenses and instrumentation "iffy" at this time. Due to Rocket launch scheduled for 1900 today, I will keep running, with a certain amount of risk, and monitor the wind and dust closely.

CHIP COMMENT: Thu May 15 17:36:02 GMT 1997

CHIP filter temp = 32.062

CHIP plate temp = 21.433

Thu May 15 18:01:59 GMT 1997 dPMon Flat

WEATHER COMMENT: Thu May 15 18:01:07 GMT 1997

Sky is very bright, no structure can be seen. I do not detect any construction dust when looking at sky away from sun.

CHIP COMMENT: Thu May 15 18:02:15 GMT 1997

CHIP filter temp = 34.126

CHIP plate temp = 22.016

Thu May 15 18:02:51 GMT 1997 dPMon End Flat

Thu May 15 18:03:02 GMT 1997 CHIP Bias

Thu May 15 18:03:46 GMT 1997 CHIP End Bias

Thu May 15 18:03:55 GMT 1997 CHIP Water

Thu May 15 18:04:24 GMT 1997 CHIP End Water

CHIP COMMENT: Thu May 15 18:07:42 GMT 1997

CHIP filter temp = 34.475, IN RANGE.

CHIP plate temp = 22.003

CHIP filter temp just overshoot to red range, it will probably hunt for a while.

WEATHER COMMENT: Thu May 15 18:57:57 GMT 1997

In orographic clouds.

Thu May 15 19:01:58 GMT 1997 dPMon Flat

Thu May 15 19:02:08 GMT 1997 CHIP Bias

Thu May 15 19:02:54 GMT 1997 dPMon End Flat

Thu May 15 19:02:57 GMT 1997 CHIP End Bias

Thu May 15 19:03:06 GMT 1997 CHIP Water

Thu May 15 19:03:39 GMT 1997 CHIP End Water

COMMENT: Thu May 15 19:28:33 GMT 1997

Reconfiguring dome shutter while in a large orographic cloud.

Thu May 15 19:29:48 GMT 1997 dPMon End Patrol

Thu May 15 19:31:04 GMT 1997 CHIP CHIP End Patrol

Thu May 15 19:37:37 GMT 1997 CHIP CHIP Start Patrol

Thu May 15 19:37:47 GMT 1997 dPMon Start Patrol

Thu May 15 19:47:56 GMT 1997 dPMon End Patrol

WEATHER COMMENT: Thu May 15 19:48:05 GMT 1997

Obs may be pau for the day. In heavy orographic clouds. Will run VIDEO for a while to monitor outside situation.

Thu May 15 19:49:49 GMT 1997 CHIP CHIP End Patrol

COMMENT: Thu May 15 20:14:43 GMT 1997  
Still in heavy clouds. Closing dome and going down to GONG to do PM.

COMMENT: Thu May 15 20:46:47 GMT 1997  
Back from GONG. Good thing I closed the dome. It began raining while I was down there.

Thu May 15 21:07:08 GMT 1997 CHIP ending tape

COMMENT: Thu May 15 21:07:16 GMT 1997

Activity report:

QP: 110; 118; 217; 288;

No coronal activity

Tapes: MKIII: H01556

DPMON: P00884

CHIP: C00302

LOWL: L00555

SCAN-LOG

SCAN-LOG 16:43:19. 5/15/97 DOY 135

16:53:25	16:56:39	16:59:52	17:03:07	17:06:21
17:09:36	17:12:51	17:16:07	17:19:22	17:22:38
17:25:53	17:29:11	17:32:27	17:35:44	17:39:00
17:42:19	17:45:35	17:48:53	17:52:09	17:55:26
17:58:43	18:02:00	18:05:16	1811 0 CL	18:15:01
1820 15CL	18:24:24	18:28:03	18:31:20	18:34:37
18:37:52	18:41:09	18:44:25	18:47:40	18:50:54
18:54:11	18:57:26	19:00:42	19:03:57	19:07:14
19:10:30	19:13:46	19:17:01	19:20:17	19:23:32
19:26:50				

0 ERRORS

OK