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Mauna Loa Solar Observatory Observer's Log  
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Wed Jun 1 16:27:00 GMT 2005

Year: 05 Doy: 152

Observer: yasukawa

WEATHER COMMENT: Wed Jun 1 16:27:08 GMT 2005

Clear, S wind 8 mph, temp 47 F.

\_\_\_\_end\_\_\_\_

Wed Jun 1 16:34:14 GMT 2005 CHIP Start Patrol

Wed Jun 1 16:34:26 GMT 2005 PICS Start Patrol

PSPT COMMENT: Wed Jun 1 16:34:32 GMT 2005

Starting up.

\_\_\_\_end\_\_\_\_

ECHO COMMENT: Wed Jun 1 16:34:44 GMT 2005

Time OK.

\_\_\_\_end\_\_\_\_

Wed Jun 1 16:39:41 GMT 2005 MKIV Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Wed Jun 1 16:40:06 GMT 2005

\*\*PSPT PROBLEM\*\* : Wed Jun 1 16:48:52 GMT 2005

RA or Dec motor was stalled. Aborted startup, reset PC, retrying startup.

\_\_\_\_end\_\_\_\_

\*\*PSPT PROBLEM\*\* : Wed Jun 1 16:58:34 GMT 2005

RA clutch screw was real tight. Backed down a little.

\_\_\_\_end\_\_\_\_

PSPT COMMENT: Wed Jun 1 16:59:59 GMT 2005

Observing.

\_\_\_\_end\_\_\_\_

\*\*PSPT PROBLEM\*\* : Wed Jun 1 17:29:10 GMT 2005

Image not centered. Stopped obs and attempting to center.

\_\_\_\_end\_\_\_\_

\*\*PSPT PROBLEM\*\* : Wed Jun 1 17:46:54 GMT 2005

Centering routine appears locked in a loop. Stopping and while paused, retrieving dome data off PC for Alice. Running a gdr ephmcal after that.

\_\_\_\_end\_\_\_\_

\*\*PSPT PROBLEM\*\* : Wed Jun 1 17:58:22 GMT 2005

Guider motors not responding normally. Aborted ephmcal and troubleshooting.

\_\_\_\_end\_\_\_\_

Wed Jun 1 18:01:54 GMT 2005 CHIP LSD

Wed Jun 1 18:02:17 GMT 2005 PICS Flat

Wed Jun 1 18:03:38 GMT 2005 CHIP End LSD

Wed Jun 1 18:03:47 GMT 2005 CHIP BiasLSD

Wed Jun 1 18:04:38 GMT 2005 PICS End Flat

Wed Jun 1 18:04:41 GMT 2005 CHIP End BiasLSD

Wed Jun 1 18:04:53 GMT 2005 PICS ReStart Patrol

Wed Jun 1 18:04:58 GMT 2005 CHIP Bias

Wed Jun 1 18:05:58 GMT 2005 CHIP End Bias

Wed Jun 1 18:06:09 GMT 2005 CHIP ReStart Patrol

Wed Jun 1 18:09:00 GMT 2005 MKIV End Patrol  
Wed Jun 1 18:09:07 GMT 2005 MKIV Start Cal  
Wed Jun 1 18:27:55 GMT 2005 MKIV End Cal  
Wed Jun 1 18:28:03 GMT 2005 MKIV Start Patrol

NICE MK4 IMAGE: 1812  
NICE PICSLIMB IMAGE: 1812  
NICE PICSDISC IMAGE: 1811  
NICE CHIP IMAGE: 1812

\*\*PSPT PROBLEM\*\* Wed Jun 1 19:01:55 GMT 2005

Guider still not pointing well. Running another gdr ephmcal.

\_\_\_\_end\_\_\_\_

\*\*PSPT PROBLEM\*\* Wed Jun 1 19:04:48 GMT 2005

Ephmcal causes guider motor to limit out and make a dull chatter.

Aborted ephmcal.

\_\_\_\_end\_\_\_\_

Wed Jun 1 19:30:51 GMT 2005 CHIP End Patrol

COMMENT: Wed Jun 1 19:30:51 GMT 2005

Reconfiguring dome shutter.

\_\_\_\_end\_\_\_\_

Wed Jun 1 19:30:50 GMT 2005 PICS End Patrol

Wed Jun 1 19:32:54 GMT 2005 MKIV End Patrol

\*\*PSPT PROBLEM\*\* Wed Jun 1 19:39:29 GMT 2005

I'm wondering whether between the last gdr ephmcal yesterday and the sun's transit toward north rather than south of zenith, that the declination encoder is at a limit?

\_\_\_\_end\_\_\_\_

\*\*PSPT PROBLEM\*\* Wed Jun 1 19:43:14 GMT 2005

Looks like it is not.

\_\_\_\_end\_\_\_\_

Wed Jun 1 19:45:18 GMT 2005 MKIV Start Patrol

Wed Jun 1 19:45:34 GMT 2005 CHIP Start Patrol

Wed Jun 1 19:45:42 GMT 2005 PICS Start Patrol

\*\*PSPT PROBLEM\*\* Wed Jun 1 20:01:48 GMT 2005

Still not centered well. When I try to adjust by pushing on spar while observing, the instrument self corrects. Could be that the active mirror system is out of adjustment.

\_\_\_\_end\_\_\_\_

\*\*GONG PROBLEM\*\* Wed Jun 1 20:03:28 GMT 2005

Going down to GONG to reset their instrument. There is a problem with the camera rotator since this morning. I need to get out of this control room and clear my brain. Hopefully, I will return with a few fresh ideas about the PSPT.

\_\_\_\_end\_\_\_\_

\*\*GONG PROBLEM\*\* Wed Jun 1 20:25:33 GMT 2005

Back from GONG. Camera rotator is not energized. Darryl struggled with the problem until way past pau-hana time yesterday after logs were closed for the day.

Will leave it for the GONG crash crew. They plan to arrive on site tomorrow.

\_\_\_\_end\_\_\_\_

\*\*PSPT PROBLEM\*\* : Wed Jun 1 20:27:30 GMT 2005

Centering between observing subroutines moved pointing off sun.

Manually pointed it.

\_\_\_\_end\_\_\_\_

\*\*PSPT PROBLEM\*\* : Wed Jun 1 21:41:27 GMT 2005

Problem may be in Dec drive or clutch. Shut down pspt and spar stowed

at correct RA but did not move for the Dec. Clutch screw was secure.

Loaded Alice's modified Dome.c program into PSPT's PC.

Compiled pspt.exe.

Previous Dome.c version in \050601 subdirectory.

\_\_\_\_end\_\_\_\_

COMMENT: Wed Jun 1 22:20:54 GMT 2005

I think I am coming down with something--hopefully a 24-hour something.

I've been running on less than all cylinders all morning.

Shutting down for the day.

\_\_\_\_end\_\_\_\_

Wed Jun 1 22:28:39 GMT 2005 PICS End Patrol

Wed Jun 1 22:29:17 GMT 2005 CHIP End Patrol

Wed Jun 1 22:36:38 GMT 2005

MkIV

16_39.rawmk4	17_51.rawmk4	19_09.rawmk4	20_29.rawmk4	21_37.rawmk4
16_42.rawmk4	17_54.rawmk4	19_12.rawmk4	20_32.rawmk4	21_39.rawmk4
16_45.rawmk4	17_57.rawmk4	19_15.rawmk4	20_35.rawmk4	21_42.rawmk4
16_48.rawmk4	17_59.rawmk4	19_18.rawmk4	20_38.rawmk4	21_45.rawmk4
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16_57.rawmk4	18_05.rawmk4	19_23.rawmk4	20_44.rawmk4	21_51.rawmk4
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17_04.rawmk4	18_18.rawmk4	19_29.rawmk4	20_49.rawmk4	21_57.rawmk4
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