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Mauna Loa Solar Observatory Observer's Log  
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Mon Dec 30 17:12:41 GMT 2002

Year: 02 Doy: 364

Observer: yasukawa

WEATHER COMMENT: Mon Dec 30 17:12:49 GMT 2002

Cool, clear, light south breeze.

Mon Dec 30 17:23:35 GMT 2002 CHIP Start Patrol

Mon Dec 30 17:23:44 GMT 2002 PICS Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Mon Dec 30 17:29:31 GMT 2002

Mon Dec 30 17:38:37 GMT 2002 MKIV Start Patrol

PSPT COMMENT: Mon Dec 30 17:39:31 GMT 2002

Starting daily obs

\*\*PSPT PROBLEM\*\* Mon Dec 30 17:53:18 GMT 2002

PSPT did not point spar correctly, pointed too low. Pointed manually,  
ran Center Image.

MKIV COMMENT: Mon Dec 30 17:57:15 GMT 2002

Centered O1 guider, steppers OK.

\*\*PSPT PROBLEM\*\* Mon Dec 30 18:01:18 GMT 2002

Center Image could not find sun even if spar was closely pointed.

Trying Daily obs.

Mon Dec 30 18:02:08 GMT 2002 PICS Flat

Mon Dec 30 18:02:51 GMT 2002 CHIP LSD

Mon Dec 30 18:04:35 GMT 2002 PICS End Flat

Mon Dec 30 18:04:41 GMT 2002 CHIP End LSD

Mon Dec 30 18:04:59 GMT 2002 CHIP BiasLSD

Mon Dec 30 18:05:47 GMT 2002 CHIP End BiasLSD

Mon Dec 30 18:05:59 GMT 2002 CHIP Bias

Mon Dec 30 18:06:49 GMT 2002 CHIP End Bias

\*\*PSPT PROBLEM\*\* Mon Dec 30 18:08:34 GMT 2002

Getting "Sun is still too low" "Go back to bed" messages even at this late  
time.

\*\*PSPT PROBLEM\*\* Mon Dec 30 18:12:06 GMT 2002

Program gave up on centering and started Hi Res. Sun not well centered  
but letting it run to make sure shutter is working and to see if subsequent  
centering attempts will work.

\*\*PSPT PROBLEM\*\* Mon Dec 30 18:38:38 GMT 2002

Aborted program. Running a "gdr ephmcal" to try to correct pointing.

Mon Dec 30 18:40:17 GMT 2002 MKIV Start Cal

\*\*PSPT PROBLEM\*\* Mon Dec 30 18:55:46 GMT 2002

Appears something has chaged in the startup program. After the ephmcal,  
I ran Start-up. Startup stopped after homing guider, did not try to point  
guider. I pointed guider manually again and started daily observations.  
Waiting to see if guider will point correctly this time at next  
centering routine.

Mon Dec 30 18:59:08 GMT 2002 MKIV End Cal

Mon Dec 30 18:59:21 GMT 2002 MKIV Start Patrol

MKIV COMMENT: Mon Dec 30 19:02:20 GMT 2002  
 Centered O1, steppers OK.  
 GONG COMMENT: Mon Dec 30 19:04:06 GMT 2002  
 Going down to GONG to do weekly PM.  
 GONG COMMENT: Mon Dec 30 19:27:38 GMT 2002  
 Back from GONG.  
 MKIV COMMENT: Mon Dec 30 20:35:25 GMT 2002  
 Centered O1, steppers OK.  
 \*\*PSPT PROBLEM\*\*: Mon Dec 30 20:38:56 GMT 2002  
 Centering routine is still thinking sun is too low and wants to go to bed.  
 Has anything changed between yesterday and today?  
 \*\*PSPT PROBLEM\*\*: Mon Dec 30 21:33:11 GMT 2002  
 Also noticing that the dome is not tracking all that well, pspt is  
 looking near the right (south) edge of the slot.  
 MKIV COMMENT: Mon Dec 30 21:36:07 GMT 2002  
 Centered O1, steppers OK.  
 \*\*PSPT PROBLEM\*\*: Mon Dec 30 21:45:13 GMT 2002  
 Stopped obs and ran a dome cal/dome ephm routine and then ran another  
 gdr ephmcal routine.  
 \*\*PSPT PROBLEM\*\*: Mon Dec 30 22:00:11 GMT 2002  
 Manually stowed pspt after calcs. Did an init sys. Ran start-up.  
 Telescope initialization finished up with soar pointing too far east.  
 Dome appeared in correct position, spar was looking at the left edge  
 of the slot--completely out of the slot, with the right edge of the  
 aperture at the left edge of the slot.  
 Mon Dec 30 22:04:41 GMT 2002 CHIP End Patrol  
 Mon Dec 30 22:06:00 GMT 2002 PICS End Patrol  
 Mon Dec 30 22:08:39 GMT 2002 MKIV End Patrol  
 \*\*PSPT PROBLEM\*\*: Mon Dec 30 22:09:08 GMT 2002  
 Spar and dome pointed to correct positions for shutdown. (goes to pre-set  
 counter values) Something is squirrely with the ephemeris calculations????  
 Mon Dec 30 22:10:54 GMT 2002

MkIV

17_38.rawmk4	18_43.rawmk4	19_43.rawmk4	20_40.rawmk4	21_33.rawmk4
17_41.rawmk4	18_49.rawmk4	19_46.rawmk4	20_43.rawmk4	21_36.rawmk4
17_47.rawmk4	18_55.rawmk4	19_52.rawmk4	20_46.rawmk4	21_39.rawmk4
17_51.rawmk4	18_59.rawmk4	19_56.rawmk4	20_49.rawmk4	21_41.rawmk4
17_57.rawmk4	19_02.rawmk4	19_59.rawmk4	20_51.rawmk4	21_44.rawmk4
18_00.rawmk4	19_05.rawmk4	20_01.rawmk4	20_54.rawmk4	21_47.rawmk4
18_03.rawmk4	19_08.rawmk4	20_04.rawmk4	20_57.rawmk4	21_50.rawmk4
18_06.rawmk4	19_11.rawmk4	20_07.rawmk4	21_00.rawmk4	21_53.rawmk4
18_09.rawmk4	19_14.rawmk4	20_10.rawmk4	21_03.rawmk4	21_56.rawmk4
18_12.rawmk4	19_17.rawmk4	20_13.rawmk4	21_06.rawmk4	21_59.rawmk4
18_15.rawmk4	19_19.rawmk4	20_16.rawmk4	21_09.rawmk4	22_02.rawmk4
18_18.rawmk4	19_22.rawmk4	20_19.rawmk4	21_12.rawmk4	22_05.rawmk4
18_21.rawmk4	19_25.rawmk4	20_22.rawmk4	21_15.rawmk4	c18_40.rawmk4
18_24.rawmk4	19_28.rawmk4	20_25.rawmk4	21_18.rawmk4	c18_46.rawmk4

18_27.rawmk4	19_31.rawmk4	20_28.rawmk4	21_21.rawmk4	c18_52.rawmk4
18_30.rawmk4	19_34.rawmk4	20_31.rawmk4	21_24.rawmk4	
18_33.rawmk4	19_37.rawmk4	20_34.rawmk4	21_27.rawmk4	
18_36.rawmk4	19_40.rawmk4	20_37.rawmk4	21_30.rawmk4	