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Mauna Loa Solar Observatory Observer's Log  
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Sun Oct 17 16:58:09 GMT 2004

Year: 04 Doy: 291

Observer: koon

Sun Oct 17 17:02:09 GMT 2004 CHIP Start Patrol

Sun Oct 17 17:02:22 GMT 2004 PICS Start Patrol

Sun Oct 17 17:03:13 GMT 2004 MKIV Start Patrol

WEATHER COMMENT: Sun Oct 17 16:58:11 GMT 2004

Clear sky, no wind, temp=44F.

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

COMMENT: Sun Oct 17 17:03:33 GMT 2004

Allen left a message that the Spar guider board is separated from the O1 guider board and is reinstalled. Spar seems to be guiding OK, RA and Dec spar error meters aren't working but Allen knows that.

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

ECHO COMMENT: Sun Oct 17 17:06:34 GMT 2004

Time OK.

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

MKIV COMMENT: Sun Oct 17 17:15:03 GMT 2004

Centered occulting.

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

PSPT COMMENT: Sun Oct 17 17:15:33 GMT 2004

Observing.

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

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sun Oct 17 17:22:06 GMT 2004

Sun Oct 17 18:00:34 GMT 2004 PICS Flat

Sun Oct 17 18:02:54 GMT 2004 CHIP LSD

Sun Oct 17 18:03:06 GMT 2004 PICS End Flat

Sun Oct 17 18:03:19 GMT 2004 PICS ReStart Patrol

Sun Oct 17 18:04:42 GMT 2004 CHIP End LSD

Sun Oct 17 18:04:51 GMT 2004 CHIP BiasLSD

Sun Oct 17 18:05:44 GMT 2004 CHIP End BiasLSD

Sun Oct 17 18:05:53 GMT 2004 CHIP Bias

Sun Oct 17 18:06:45 GMT 2004 CHIP End Bias

Sun Oct 17 18:06:57 GMT 2004 CHIP ReStart Patrol

Sun Oct 17 18:21:23 GMT 2004 MKIV End Patrol

Sun Oct 17 18:21:30 GMT 2004 MKIV Start Cal

Sun Oct 17 18:40:14 GMT 2004 MKIV End Cal

Sun Oct 17 18:40:20 GMT 2004 MKIV Start Patrol

MKIV COMMENT: Sun Oct 17 20:18:10 GMT 2004

Centered occulting, also adjusted spar guider to center drive travel while up in the dome. Note that the "O1 Logic" Green lamp doesn't light up anymore when the O1 guiders are on, but guiders do indeed turn on and work well.

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

\*\*\*\* EVENT COMMENT \*\*\*\*: Sun Oct 17 21:00:26 GMT 2004

CME in progress at PA=90.

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

MKIV COMMENT: Sun Oct 17 21:00:59 GMT 2004

I was just about to remove the O1 for cleaning but will wait for the CME to end first.

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

COMMENT: Sun Oct 17 22:34:43 GMT 2004

Just finished giving a tour to a couple from Mountain View, they just dropped in.

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

Sun Oct 17 22:36:30 GMT 2004 MKIV End Patrol

MKIV COMMENT: Sun Oct 17 22:36:05 GMT 2004

I'm going to pause this and offpoint for a while to remove O1, will repoint for other instruments then clean O1.

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

COMMENT: Sun Oct 17 22:39:53 GMT 2004

It's the time of year when we can stop having to extend the slot. I left it unextended through solar noon without any vignetting of instruments or guiding.

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

Sun Oct 17 23:20:03 GMT 2004 MKIV Start Cal

MKIV COMMENT: Sun Oct 17 23:20:15 GMT 2004

Done cleaning O1, doing another cal then observing like usual.

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

Sun Oct 17 23:38:46 GMT 2004 MKIV End Cal

Sun Oct 17 23:38:53 GMT 2004 MKIV Start Patrol

MKIV COMMENT: Sun Oct 17 23:46:44 GMT 2004

Centered the occulting a few minutes ago.

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

MKIV COMMENT: Mon Oct 18 01:04:12 GMT 2004

Centered occulting.

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

Mon Oct 18 02:17:46 GMT 2004 MKIV End Patrol

Mon Oct 18 02:19:45 GMT 2004 PICS End Patrol

Mon Oct 18 02:19:52 GMT 2004 CHIP End Patrol

NICE MK4 IMAGE: 1800

NICE PICSLIMB IMAGE: 1807

NICE CHIP IMAGE: 1807

NICE PICSDISC IMAGE: 1809

Mon Oct 18 02:32:27 GMT 2004

MkIV

00_02.rawmk4	01_45.rawmk4	18_15.rawmk4	20_08.rawmk4	21_55.rawmk4
00_05.rawmk4	01_48.rawmk4	18_18.rawmk4	20_11.rawmk4	21_58.rawmk4
00_08.rawmk4	01_50.rawmk4	18_24.rawmk4	20_14.rawmk4	22_00.rawmk4
00_11.rawmk4	01_53.rawmk4	18_30.rawmk4	20_17.rawmk4	22_03.rawmk4
00_14.rawmk4	01_56.rawmk4	18_36.rawmk4	20_20.rawmk4	22_06.rawmk4
00_17.rawmk4	01_59.rawmk4	18_40.rawmk4	20_23.rawmk4	22_09.rawmk4
00_19.rawmk4	02_02.rawmk4	18_43.rawmk4	20_26.rawmk4	22_12.rawmk4
00_22.rawmk4	02_05.rawmk4	18_46.rawmk4	20_29.rawmk4	22_15.rawmk4

00_25.rawmk4	02_08.rawmk4	18_49.rawmk4	20_31.rawmk4	22_18.rawmk4
00_28.rawmk4	02_11.rawmk4	18_52.rawmk4	20_34.rawmk4	22_21.rawmk4
00_31.rawmk4	02_14.rawmk4	18_55.rawmk4	20_37.rawmk4	22_24.rawmk4
00_34.rawmk4	17_03.rawmk4	18_58.rawmk4	20_40.rawmk4	22_27.rawmk4
00_37.rawmk4	17_06.rawmk4	19_00.rawmk4	20_43.rawmk4	22_30.rawmk4
00_40.rawmk4	17_09.rawmk4	19_03.rawmk4	20_46.rawmk4	22_33.rawmk4
00_43.rawmk4	17_12.rawmk4	19_06.rawmk4	20_49.rawmk4	23_23.rawmk4
00_46.rawmk4	17_15.rawmk4	19_09.rawmk4	20_52.rawmk4	23_29.rawmk4
00_49.rawmk4	17_18.rawmk4	19_12.rawmk4	20_55.rawmk4	23_35.rawmk4
00_52.rawmk4	17_21.rawmk4	19_15.rawmk4	20_58.rawmk4	23_38.rawmk4
00_55.rawmk4	17_24.rawmk4	19_18.rawmk4	21_04.rawmk4	23_41.rawmk4
00_58.rawmk4	17_28.rawmk4	19_21.rawmk4	21_08.rawmk4	23_44.rawmk4
01_01.rawmk4	17_31.rawmk4	19_24.rawmk4	21_10.rawmk4	23_47.rawmk4
01_04.rawmk4	17_33.rawmk4	19_27.rawmk4	21_13.rawmk4	23_50.rawmk4
01_06.rawmk4	17_36.rawmk4	19_30.rawmk4	21_16.rawmk4	23_53.rawmk4
01_09.rawmk4	17_39.rawmk4	19_33.rawmk4	21_19.rawmk4	23_56.rawmk4
01_12.rawmk4	17_42.rawmk4	19_36.rawmk4	21_22.rawmk4	23_59.rawmk4
01_15.rawmk4	17_45.rawmk4	19_39.rawmk4	21_25.rawmk4	c18_21.rawmk4
01_18.rawmk4	17_48.rawmk4	19_42.rawmk4	21_28.rawmk4	c18_27.rawmk4
01_21.rawmk4	17_51.rawmk4	19_44.rawmk4	21_31.rawmk4	c18_33.rawmk4
01_24.rawmk4	17_54.rawmk4	19_47.rawmk4	21_34.rawmk4	c23_20.rawmk4
01_27.rawmk4	17_57.rawmk4	19_50.rawmk4	21_37.rawmk4	c23_26.rawmk4
01_30.rawmk4	18_00.rawmk4	19_53.rawmk4	21_40.rawmk4	c23_32.rawmk4
01_33.rawmk4	18_03.rawmk4	19_56.rawmk4	21_43.rawmk4	
01_36.rawmk4	18_06.rawmk4	19_59.rawmk4	21_46.rawmk4	
01_39.rawmk4	18_09.rawmk4	20_02.rawmk4	21_49.rawmk4	
01_42.rawmk4	18_12.rawmk4	20_05.rawmk4	21_52.rawmk4	