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Mauna Loa Solar Observatory Observer's Log  
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Thu Sep 4 16:36:33 GMT 2003

Year: 03 Doy: 247

Observer: stueben

WEATHER COMMENT: Thu Sep 4 16:37:39 GMT 2003

Clear, light southeast wind, temp 48F.

Thu Sep 4 16:41:26 GMT 2003 CHIP Start Patrol

Thu Sep 4 16:41:37 GMT 2003 PICS Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Thu Sep 4 17:07:21 GMT 2003

Thu Sep 4 17:08:45 GMT 2003 MKIV Start Patrol

Thu Sep 4 18:01:51 GMT 2003 PICS Flat

Thu Sep 4 18:02:43 GMT 2003 CHIP LSD

Thu Sep 4 18:04:25 GMT 2003 PICS End Flat

Thu Sep 4 18:04:39 GMT 2003 CHIP End LSD

Thu Sep 4 18:04:48 GMT 2003 CHIP BiasLSD

Thu Sep 4 18:05:42 GMT 2003 CHIP End BiasLSD

Thu Sep 4 18:05:51 GMT 2003 CHIP Bias

Thu Sep 4 18:06:44 GMT 2003 CHIP End Bias

MKIV COMMENT: Thu Sep 4 18:14:23 GMT 2003

Centered 01 guider.

MKIV COMMENT: Thu Sep 4 18:46:41 GMT 2003

Centered occulting.

Thu Sep 4 18:50:24 GMT 2003 MKIV End Patrol

Thu Sep 4 18:50:29 GMT 2003 MKIV Start Cal

Thu Sep 4 19:09:16 GMT 2003 MKIV End Cal

Thu Sep 4 19:09:27 GMT 2003 MKIV Start Patrol

MKIV COMMENT: Thu Sep 4 19:44:53 GMT 2003

Centered occulting.

**\*\*PSPT PROBLEM\*\***: Thu Sep 4 20:27:04 GMT 2003

Crashed at 2010 "making jpg images". Restarted.

COMMENT: Thu Sep 4 20:41:02 GMT 2003

Extended the dome slot. Took a look at the shutter drive mechanism to see what could be causing the binding noise. The L-bracket still looks good, it isn't worn down unusually. I think I need to lower the gear slightly, it may be meshing too tightly. Will save that for a 2 person cloudy day since it may take several hours to do.

COMMENT: Thu Sep 4 20:55:03 GMT 2003

Kim went down to Hilo to pickup a rental van and the telescope equipment and some plywood.

**\*\*CHIP PROBLEM\*\***: Thu Sep 4 21:50:01 GMT 2003

Image isn't centered in Y-direction, manually centered it.

MKIV COMMENT: Thu Sep 4 21:52:08 GMT 2003

Centered occulting.

**\*\*\*\* EVENT COMMENT \*\*\*\***: Thu Sep 4 22:34:07 GMT 2003

Small fast CME in progress at PA=270, started around 2200 UT.

MKIV COMMENT: Thu Sep 4 22:42:14 GMT 2003

Centered occulting.

\*\*PSPT PROBLEM\*\*: Thu Sep 4 23:16:28 GMT 2003

Stalled at 2210 "making jpg images", restarted.

MKIV COMMENT: Fri Sep 5 00:01:42 GMT 2003

Centered 01 guider.

MKIV COMMENT: Fri Sep 5 02:05:05 GMT 2003

Centered occulting.

Fri Sep 5 02:23:36 GMT 2003 CHIP End Patrol

Fri Sep 5 02:23:47 GMT 2003 PICS End Patrol

Fri Sep 5 02:26:50 GMT 2003 MKIV End Patrol

Fri Sep 5 02:28:59 GMT 2003

MkIV

00_01.rawmk4	01_50.rawmk4	18_29.rawmk4	20_31.rawmk4	22_21.rawmk4
00_04.rawmk4	01_53.rawmk4	18_31.rawmk4	20_34.rawmk4	22_24.rawmk4
00_07.rawmk4	01_56.rawmk4	18_34.rawmk4	20_37.rawmk4	22_27.rawmk4
00_10.rawmk4	01_59.rawmk4	18_37.rawmk4	20_40.rawmk4	22_30.rawmk4
00_13.rawmk4	02_02.rawmk4	18_40.rawmk4	20_43.rawmk4	22_33.rawmk4
00_16.rawmk4	02_05.rawmk4	18_43.rawmk4	20_46.rawmk4	22_36.rawmk4
00_19.rawmk4	02_08.rawmk4	18_53.rawmk4	20_49.rawmk4	22_39.rawmk4
00_22.rawmk4	02_11.rawmk4	18_59.rawmk4	20_52.rawmk4	22_42.rawmk4
00_25.rawmk4	02_13.rawmk4	19_05.rawmk4	20_55.rawmk4	22_45.rawmk4
00_28.rawmk4	02_16.rawmk4	19_09.rawmk4	20_58.rawmk4	22_48.rawmk4
00_31.rawmk4	02_22.rawmk4	19_12.rawmk4	21_01.rawmk4	22_51.rawmk4
00_33.rawmk4	17_08.rawmk4	19_15.rawmk4	21_03.rawmk4	22_54.rawmk4
00_36.rawmk4	17_11.rawmk4	19_18.rawmk4	21_06.rawmk4	22_56.rawmk4
00_39.rawmk4	17_14.rawmk4	19_21.rawmk4	21_09.rawmk4	22_59.rawmk4
00_42.rawmk4	17_17.rawmk4	19_24.rawmk4	21_12.rawmk4	23_02.rawmk4
00_45.rawmk4	17_20.rawmk4	19_27.rawmk4	21_15.rawmk4	23_05.rawmk4
00_48.rawmk4	17_23.rawmk4	19_30.rawmk4	21_18.rawmk4	23_08.rawmk4
00_51.rawmk4	17_26.rawmk4	19_32.rawmk4	21_21.rawmk4	23_11.rawmk4
00_54.rawmk4	17_29.rawmk4	19_35.rawmk4	21_24.rawmk4	23_14.rawmk4
00_57.rawmk4	17_32.rawmk4	19_38.rawmk4	21_27.rawmk4	23_17.rawmk4
01_00.rawmk4	17_35.rawmk4	19_41.rawmk4	21_30.rawmk4	23_20.rawmk4
01_03.rawmk4	17_38.rawmk4	19_44.rawmk4	21_33.rawmk4	23_23.rawmk4
01_06.rawmk4	17_41.rawmk4	19_47.rawmk4	21_36.rawmk4	23_26.rawmk4
01_09.rawmk4	17_44.rawmk4	19_50.rawmk4	21_39.rawmk4	23_29.rawmk4
01_12.rawmk4	17_47.rawmk4	19_53.rawmk4	21_42.rawmk4	23_32.rawmk4
01_15.rawmk4	17_50.rawmk4	19_56.rawmk4	21_45.rawmk4	23_35.rawmk4
01_18.rawmk4	17_52.rawmk4	19_59.rawmk4	21_49.rawmk4	23_38.rawmk4
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01_24.rawmk4	17_58.rawmk4	20_05.rawmk4	21_55.rawmk4	23_43.rawmk4
01_26.rawmk4	18_04.rawmk4	20_08.rawmk4	21_58.rawmk4	23_46.rawmk4
01_29.rawmk4	18_08.rawmk4	20_11.rawmk4	22_01.rawmk4	23_49.rawmk4
01_32.rawmk4	18_11.rawmk4	20_14.rawmk4	22_03.rawmk4	23_52.rawmk4
01_35.rawmk4	18_14.rawmk4	20_17.rawmk4	22_07.rawmk4	23_55.rawmk4
01_38.rawmk4	18_17.rawmk4	20_19.rawmk4	22_09.rawmk4	23_58.rawmk4
01_41.rawmk4	18_20.rawmk4	20_22.rawmk4	22_12.rawmk4	c18_50.rawmk4

01\_44.rawmk4 18\_23.rawmk4 20\_25.rawmk4 22\_15.rawmk4 c18\_56.rawmk4  
01\_47.rawmk4 18\_26.rawmk4 20\_28.rawmk4 22\_18.rawmk4 c19\_02.rawmk4