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Mauna Loa Solar Observatory Observer's Log  
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Thu Apr 15 16:43:01 GMT 2004

Year: 04 Doy: 106

Observer: stueben

WEATHER COMMENT: Thu Apr 15 16:44:07 GMT 2004

Scattered altocumulus, wind east 5-10mph, temp 35F.

Thu Apr 15 16:46:00 GMT 2004 CHIP Start Patrol

ECHO COMMENT: Thu Apr 15 16:46:10 GMT 2004

Time OK.

Thu Apr 15 16:46:18 GMT 2004 PICS Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Thu Apr 15 16:50:09 GMT 2004

PSPT COMMENT: Thu Apr 15 16:52:17 GMT 2004

Observing.

Thu Apr 15 17:31:20 GMT 2004 MKIV Start Patrol

MKIV COMMENT: Thu Apr 15 17:31:26 GMT 2004

Centered occulting.

Thu Apr 15 17:49:19 GMT 2004 MKIV End Patrol

Thu Apr 15 17:49:24 GMT 2004 MKIV Start Cal

Thu Apr 15 18:01:44 GMT 2004 CHIP LSD

Thu Apr 15 18:03:42 GMT 2004 CHIP End LSD

Thu Apr 15 18:03:51 GMT 2004 CHIP BiasLSD

Thu Apr 15 18:04:20 GMT 2004 PICS Flat

Thu Apr 15 18:04:44 GMT 2004 CHIP End BiasLSD

Thu Apr 15 18:04:58 GMT 2004 CHIP Bias

Thu Apr 15 18:05:56 GMT 2004 CHIP End Bias

Thu Apr 15 18:06:43 GMT 2004 PICS End Flat

Thu Apr 15 18:08:08 GMT 2004 MKIV End Cal

Thu Apr 15 18:09:21 GMT 2004 MKIV Start Patrol

WEATHER COMMENT: Thu Apr 15 18:26:59 GMT 2004

Clouds in all directions, not sure how long it will stay clear.

MKIV COMMENT: Thu Apr 15 19:46:46 GMT 2004

Centered occulting.

COMMENT: Thu Apr 15 20:15:12 GMT 2004

Extended the dome slot.

MKIV COMMENT: Thu Apr 15 21:00:11 GMT 2004

Centered occulting.

PSPT COMMENT: Thu Apr 15 22:13:20 GMT 2004

Pausing to attach UG5 and IR prefilters to the lightpath snout inside the PSPT just past the beamsplitter.

PSPT COMMENT: Thu Apr 15 22:58:17 GMT 2004

After installing the prefilters by taping them over the tube in the PSPT just past the beamsplitter I took a set manual images. I tried to get a few good images at each filter position, I had to increase the exposure times since the filters are so dark. I couldn't let it run in automatic observing mode because the images would be too dark and it couldn't center the image either. Bad pixels became apparent on Blue and Red images, I didn't get a Red image

since the exposure was already at 2000 and the bad pixels were really bad.  
I could get some decent images though slightly out of focus for the CaK  
filter positions. I removed the prefilters and went back to normal  
automated obs.

MKIV COMMENT: Fri Apr 16 00:22:05 GMT 2004

Centered occulting.

COMMENT: Fri Apr 16 00:39:46 GMT 2004

Dec axis reset. Repointed spar.

Fri Apr 16 01:07:27 GMT 2004 CHIP End Patrol

Fri Apr 16 01:07:37 GMT 2004 PICS End Patrol

Fri Apr 16 01:14:15 GMT 2004

MkIV

00_00.rawmk4	18_04.rawmk4	19_37.rawmk4	21_06.rawmk4	22_41.rawmk4
00_03.rawmk4	18_09.rawmk4	19_40.rawmk4	21_08.rawmk4	22_44.rawmk4
00_06.rawmk4	18_12.rawmk4	19_43.rawmk4	21_11.rawmk4	22_47.rawmk4
00_09.rawmk4	18_15.rawmk4	19_46.rawmk4	21_14.rawmk4	22_49.rawmk4
00_12.rawmk4	18_18.rawmk4	19_49.rawmk4	21_17.rawmk4	22_52.rawmk4
00_15.rawmk4	18_21.rawmk4	19_52.rawmk4	21_20.rawmk4	22_55.rawmk4
00_18.rawmk4	18_24.rawmk4	19_53.rawmk4	21_23.rawmk4	22_58.rawmk4
00_21.rawmk4	18_27.rawmk4	19_54.rawmk4	21_26.rawmk4	23_01.rawmk4
00_24.rawmk4	18_30.rawmk4	19_58.rawmk4	21_29.rawmk4	23_04.rawmk4
00_27.rawmk4	18_32.rawmk4	20_01.rawmk4	21_32.rawmk4	23_07.rawmk4
00_30.rawmk4	18_35.rawmk4	20_04.rawmk4	21_35.rawmk4	23_10.rawmk4
00_33.rawmk4	18_38.rawmk4	20_07.rawmk4	21_38.rawmk4	23_13.rawmk4
00_36.rawmk4	18_41.rawmk4	20_10.rawmk4	21_41.rawmk4	23_16.rawmk4
00_38.rawmk4	18_44.rawmk4	20_13.rawmk4	21_44.rawmk4	23_19.rawmk4
00_41.rawmk4	18_47.rawmk4	20_16.rawmk4	21_47.rawmk4	23_22.rawmk4
00_44.rawmk4	18_50.rawmk4	20_18.rawmk4	21_50.rawmk4	23_25.rawmk4
00_47.rawmk4	18_53.rawmk4	20_19.rawmk4	21_53.rawmk4	23_28.rawmk4
00_50.rawmk4	18_56.rawmk4	20_20.rawmk4	21_56.rawmk4	23_31.rawmk4
00_53.rawmk4	18_59.rawmk4	20_23.rawmk4	21_59.rawmk4	23_34.rawmk4
00_56.rawmk4	19_02.rawmk4	20_26.rawmk4	22_02.rawmk4	23_37.rawmk4
00_59.rawmk4	19_05.rawmk4	20_29.rawmk4	22_05.rawmk4	23_40.rawmk4
01_02.rawmk4	19_08.rawmk4	20_32.rawmk4	22_08.rawmk4	23_43.rawmk4
01_05.rawmk4	19_11.rawmk4	20_35.rawmk4	22_10.rawmk4	23_45.rawmk4
17_31.rawmk4	19_14.rawmk4	20_38.rawmk4	22_13.rawmk4	23_48.rawmk4
17_34.rawmk4	19_17.rawmk4	20_41.rawmk4	22_16.rawmk4	23_51.rawmk4
17_37.rawmk4	19_20.rawmk4	20_47.rawmk4	22_19.rawmk4	23_54.rawmk4
17_40.rawmk4	19_23.rawmk4	20_51.rawmk4	22_22.rawmk4	23_57.rawmk4
17_43.rawmk4	19_26.rawmk4	20_54.rawmk4	22_28.rawmk4	c17_49.rawmk4
17_46.rawmk4	19_28.rawmk4	20_57.rawmk4	22_32.rawmk4	c17_55.rawmk4
17_52.rawmk4	19_31.rawmk4	21_00.rawmk4	22_35.rawmk4	c18_01.rawmk4
17_58.rawmk4	19_34.rawmk4	21_03.rawmk4	22_38.rawmk4	