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Mauna Loa Solar Observatory Observer's Log  
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Thu Sep 9 16:30:18 GMT 2004

Year: 04 Doy: 253

Observer: stueben

WEATHER COMMENT: Thu Sep 9 16:35:14 GMT 2004

Clear, wind southeast 10-15 mph, temp 47F.

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

ECHO COMMENT: Thu Sep 9 16:39:18 GMT 2004

Time OK.

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

\*\*PSPT PROBLEM\*\* : Thu Sep 9 16:39:25 GMT 2004

Dome wouldn't point at startup, the dome azimuth motor drive shaft is spinning inside of the drive gear. No obs until I can fix this.

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

Thu Sep 9 16:42:00 GMT 2004 CHIP Start Patrol

Thu Sep 9 16:42:12 GMT 2004 MKIV Start Patrol

Thu Sep 9 16:42:13 GMT 2004 PICS Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Thu Sep 9 17:01:09 GMT 2004

NICE PICSLIMB IMAGE: 1727

NICE PICSLIMB IMAGE: 1713

NICE PICSDISC IMAGE: 1706

NICE MK4 IMAGE: 1717

MKIV COMMENT: Thu Sep 9 17:29:50 GMT 2004

Centered occulting.

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

Thu Sep 9 17:35:42 GMT 2004 MKIV End Patrol

Thu Sep 9 17:35:49 GMT 2004 MKIV Start Cal

Thu Sep 9 17:54:31 GMT 2004 MKIV End Cal

Thu Sep 9 17:54:37 GMT 2004 MKIV Start Patrol

Thu Sep 9 18:00:40 GMT 2004 CHIP LSD

Thu Sep 9 18:01:30 GMT 2004 PICS Flat

Thu Sep 9 18:02:31 GMT 2004 CHIP End LSD

Thu Sep 9 18:02:39 GMT 2004 CHIP BiasLSD

Thu Sep 9 18:03:32 GMT 2004 CHIP End BiasLSD

Thu Sep 9 18:03:49 GMT 2004 CHIP Bias

Thu Sep 9 18:03:58 GMT 2004 PICS End Flat

Thu Sep 9 18:04:08 GMT 2004 PICS ReStart Patrol

Thu Sep 9 18:04:43 GMT 2004 CHIP End Bias

Thu Sep 9 18:04:50 GMT 2004 CHIP ReStart Patrol

COMMENT: Thu Sep 9 19:30:50 GMT 2004

Extended the dome slot.

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

MKIV COMMENT: Thu Sep 9 19:31:34 GMT 2004

Centered occulting.

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

\*\*PSPT PROBLEM\*\* : Thu Sep 9 20:26:35 GMT 2004

Fixed the problem, started normal obs. Over the years the setscrew loosened on the drive gear, then the gear moved outward and the motor got adjusted inward, finally the slot key fell out and the gear couldn't be turned by the motor. The key was in good shape so I removed the motor and reinstalled the key and gear and readjusted the orientation of it all. -Darryl

\_\_\_\_end\_\_\_\_  
Fri Sep 10 01:22:29 GMT 2004 CHIP End Patrol  
Fri Sep 10 01:23:27 GMT 2004 PICS End Patrol  
Fri Sep 10 01:28:08 GMT 2004 MKIV End Patrol  
Fri Sep 10 01:28:51 GMT 2004

MkIV

00_02.rawmk4	17_02.rawmk4	18_59.rawmk4	20_48.rawmk4	22_34.rawmk4
00_05.rawmk4	17_05.rawmk4	19_02.rawmk4	20_51.rawmk4	22_37.rawmk4
00_08.rawmk4	17_08.rawmk4	19_05.rawmk4	20_54.rawmk4	22_40.rawmk4
00_11.rawmk4	17_11.rawmk4	19_08.rawmk4	20_57.rawmk4	22_43.rawmk4
00_14.rawmk4	17_14.rawmk4	19_11.rawmk4	21_00.rawmk4	22_46.rawmk4
00_17.rawmk4	17_17.rawmk4	19_13.rawmk4	21_03.rawmk4	22_49.rawmk4
00_20.rawmk4	17_20.rawmk4	19_16.rawmk4	21_06.rawmk4	22_52.rawmk4
00_23.rawmk4	17_23.rawmk4	19_19.rawmk4	21_09.rawmk4	22_55.rawmk4
00_26.rawmk4	17_26.rawmk4	19_22.rawmk4	21_12.rawmk4	22_58.rawmk4
00_29.rawmk4	17_29.rawmk4	19_25.rawmk4	21_15.rawmk4	23_01.rawmk4
00_32.rawmk4	17_32.rawmk4	19_28.rawmk4	21_18.rawmk4	23_04.rawmk4
00_35.rawmk4	17_38.rawmk4	19_31.rawmk4	21_21.rawmk4	23_07.rawmk4
00_38.rawmk4	17_45.rawmk4	19_34.rawmk4	21_24.rawmk4	23_09.rawmk4
00_40.rawmk4	17_51.rawmk4	19_37.rawmk4	21_27.rawmk4	23_12.rawmk4
00_43.rawmk4	17_54.rawmk4	19_40.rawmk4	21_29.rawmk4	23_15.rawmk4
00_46.rawmk4	17_57.rawmk4	19_43.rawmk4	21_32.rawmk4	23_18.rawmk4
00_49.rawmk4	18_00.rawmk4	19_46.rawmk4	21_35.rawmk4	23_21.rawmk4
00_52.rawmk4	18_03.rawmk4	19_49.rawmk4	21_38.rawmk4	23_24.rawmk4
00_55.rawmk4	18_06.rawmk4	19_52.rawmk4	21_41.rawmk4	23_27.rawmk4
00_58.rawmk4	18_09.rawmk4	19_55.rawmk4	21_44.rawmk4	23_30.rawmk4
01_01.rawmk4	18_12.rawmk4	19_57.rawmk4	21_47.rawmk4	23_33.rawmk4
01_04.rawmk4	18_15.rawmk4	20_00.rawmk4	21_50.rawmk4	23_36.rawmk4
01_07.rawmk4	18_18.rawmk4	20_03.rawmk4	21_53.rawmk4	23_39.rawmk4
01_10.rawmk4	18_21.rawmk4	20_06.rawmk4	21_56.rawmk4	23_42.rawmk4
01_13.rawmk4	18_24.rawmk4	20_09.rawmk4	21_59.rawmk4	23_45.rawmk4
01_16.rawmk4	18_26.rawmk4	20_12.rawmk4	22_02.rawmk4	23_48.rawmk4
01_19.rawmk4	18_29.rawmk4	20_15.rawmk4	22_05.rawmk4	23_50.rawmk4
01_22.rawmk4	18_32.rawmk4	20_18.rawmk4	22_08.rawmk4	23_53.rawmk4
01_24.rawmk4	18_35.rawmk4	20_21.rawmk4	22_11.rawmk4	23_56.rawmk4
16_42.rawmk4	18_38.rawmk4	20_24.rawmk4	22_14.rawmk4	23_59.rawmk4
16_45.rawmk4	18_41.rawmk4	20_27.rawmk4	22_17.rawmk4	c17_35.rawmk4
16_48.rawmk4	18_44.rawmk4	20_33.rawmk4	22_19.rawmk4	c17_41.rawmk4
16_51.rawmk4	18_47.rawmk4	20_37.rawmk4	22_22.rawmk4	c17_48.rawmk4
16_54.rawmk4	18_50.rawmk4	20_40.rawmk4	22_25.rawmk4	
16_56.rawmk4	18_53.rawmk4	20_42.rawmk4	22_28.rawmk4	
16_59.rawmk4	18_56.rawmk4	20_45.rawmk4	22_31.rawmk4	