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Mauna Loa Solar Observatory Observer's Log  
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Fri Sep 1 16:33:21 GMT 2006

Year: 06 Doy: 244

Observer: yasukawa

WEATHER COMMENT: Fri Sep 1 16:33:51 GMT 2006

Clear, E wind 17 mph, temp 57 F.

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

Fri Sep 1 16:41:01 GMT 2006 CHIP Start Patrol

Fri Sep 1 16:41:12 GMT 2006 PICS Start Patrol

PSPT COMMENT: Fri Sep 1 16:41:24 GMT 2006

Startup.

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

SBM COMMENT: Fri Sep 1 16:41:33 GMT 2006

Observing.

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

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri Sep 1 16:45:39 GMT 2006

PSPT COMMENT: Fri Sep 1 16:49:07 GMT 2006

Observing

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

Fri Sep 1 17:00:00 GMT 2006 MKIV Start Patrol

Fri Sep 1 18:00:16 GMT 2006 PICS Flat

Fri Sep 1 18:02:37 GMT 2006 PICS End Flat

Fri Sep 1 18:02:45 GMT 2006 PICS ReStart Patrol

Fri Sep 1 18:02:49 GMT 2006 CHIP LSD

Fri Sep 1 18:04:39 GMT 2006 CHIP End LSD

Fri Sep 1 18:04:50 GMT 2006 CHIP BiasLSD

Fri Sep 1 18:05:10 GMT 2006 MKIV End Patrol

Fri Sep 1 18:05:37 GMT 2006 CHIP End BiasLSD

Fri Sep 1 18:05:46 GMT 2006 CHIP Bias

Fri Sep 1 18:06:27 GMT 2006 CHIP End Bias

Fri Sep 1 18:06:37 GMT 2006 CHIP ReStart Patrol

\*\*PSPT PROBLEM\*\*: Fri Sep 1 18:15:39 GMT 2006

Some images were overexposed. Swapped out shutter #5433 and installed shutter #4812

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

Fri Sep 1 18:24:55 GMT 2006 MKIV End Cal

Fri Sep 1 18:25:01 GMT 2006 MKIV Start Patrol

\*\*PSPT PROBLEM\*\*: Fri Sep 1 18:44:58 GMT 2006

Still getting under/overexposed images. Swapped out shutter #4812 and replaced with shutter #4161.

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

\*\*PSPT PROBLEM\*\*: Fri Sep 1 19:10:23 GMT 2006

Got same result with shutter #4161. Determined that problem was not shutter but a lost filter wheel. Restore shutter #5433 into system.

Tried homing filter and then doing an init sys. That caused the ephemeris to go to the wrong locations. Shutting down and re-starting up

to reset ephemeris and filter values.

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

NICE MK4 IMAGE: 1809

NICE CHIP IMAGE: 1809

NICE PICSLIMB IMAGE: 1809

NICE PICSDISC IMAGE: 1808

PSPT COMMENT: Fri Sep 1 19:23:40 GMT 2006

Observing again, all appears OK now. Blue image at end of startup routine looks good (was dark due to solid block in place when goto blue was called during the failure).

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

Fri Sep 1 19:27:45 GMT 2006 PICS End Patrol

Fri Sep 1 19:27:49 GMT 2006 CHIP End Patrol

Fri Sep 1 19:29:54 GMT 2006 MKIV End Patrol

COMMENT: Fri Sep 1 19:33:59 GMT 2006

Reconfigured dome shutter.

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

Fri Sep 1 19:34:24 GMT 2006 MKIV Start Patrol

Fri Sep 1 19:34:41 GMT 2006 CHIP Start Patrol

Fri Sep 1 19:34:52 GMT 2006 PICS Start Patrol

\*\*PSPT PROBLEM\*\* Fri Sep 1 22:28:08 GMT 2006

Filter may have gotten lost again. Overexposed image was in window.

Aborted obs and moved filter to a known hatch position. Wrong filter

ended up in hatch. Did a "ftr home" and the tried a known hatch position.

Correct filter was at hatch. Restarted observations.

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

SBM COMMENT: Fri Sep 1 23:10:00 GMT 2006

Leaving Haleakala occulter in a while longer. Last two weeks were full of days when skies were obscured with cirrostratus or socked-in with bad weather.

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

Sat Sep 2 00:57:49 GMT 2006 CHIP End Patrol

Sat Sep 2 00:58:05 GMT 2006 PICS End Patrol

Sat Sep 2 00:58:45 GMT 2006 MKIV End Patrol

Sat Sep 2 01:04:01 GMT 2006 MKIV Start Patrol

Sat Sep 2 01:04:16 GMT 2006 CHIP Start Patrol

Sat Sep 2 01:04:27 GMT 2006 PICS Start Patrol

COMMENT: Sat Sep 2 01:04:37 GMT 2006

Reconfigured dome shutter.

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

\*\*PSPT PROBLEM\*\* Sat Sep 2 02:17:46 GMT 2006

Crashed at 0110 UT. K/r/shutdown.

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

Sat Sep 2 02:26:45 GMT 2006 PICS End Patrol

Sat Sep 2 02:26:49 GMT 2006 CHIP End Patrol

Sat Sep 2 02:32:21 GMT 2006 MKIV End Patrol

Sat Sep 2 02:35:09 GMT 2006

MkIV

00_02.rawmk4	01_59.rawmk4	18_30.rawmk4	20_31.rawmk4	22_22.rawmk4
00_05.rawmk4	02_02.rawmk4	18_33.rawmk4	20_34.rawmk4	22_25.rawmk4
00_08.rawmk4	02_05.rawmk4	18_36.rawmk4	20_36.rawmk4	22_28.rawmk4
00_11.rawmk4	02_08.rawmk4	18_39.rawmk4	20_39.rawmk4	22_31.rawmk4
00_14.rawmk4	02_11.rawmk4	18_42.rawmk4	20_42.rawmk4	22_34.rawmk4
00_17.rawmk4	02_14.rawmk4	18_45.rawmk4	20_45.rawmk4	22_37.rawmk4
00_20.rawmk4	02_17.rawmk4	18_48.rawmk4	20_48.rawmk4	22_40.rawmk4
00_23.rawmk4	02_20.rawmk4	18_51.rawmk4	20_51.rawmk4	22_43.rawmk4
00_26.rawmk4	02_23.rawmk4	18_54.rawmk4	20_54.rawmk4	22_46.rawmk4
00_28.rawmk4	02_26.rawmk4	18_57.rawmk4	20_57.rawmk4	22_49.rawmk4
00_31.rawmk4	02_29.rawmk4	19_00.rawmk4	21_00.rawmk4	22_52.rawmk4
00_34.rawmk4	17_00.rawmk4	19_03.rawmk4	21_03.rawmk4	22_55.rawmk4
00_37.rawmk4	17_03.rawmk4	19_06.rawmk4	21_06.rawmk4	22_57.rawmk4
00_40.rawmk4	17_05.rawmk4	19_09.rawmk4	21_09.rawmk4	23_00.rawmk4
00_43.rawmk4	17_08.rawmk4	19_12.rawmk4	21_12.rawmk4	23_03.rawmk4
00_46.rawmk4	17_11.rawmk4	19_14.rawmk4	21_15.rawmk4	23_06.rawmk4
00_49.rawmk4	17_14.rawmk4	19_17.rawmk4	21_18.rawmk4	23_09.rawmk4
00_52.rawmk4	17_17.rawmk4	19_20.rawmk4	21_21.rawmk4	23_12.rawmk4
00_55.rawmk4	17_20.rawmk4	19_23.rawmk4	21_23.rawmk4	23_15.rawmk4
01_04.rawmk4	17_23.rawmk4	19_26.rawmk4	21_26.rawmk4	23_18.rawmk4
01_06.rawmk4	17_26.rawmk4	19_37.rawmk4	21_29.rawmk4	23_21.rawmk4
01_09.rawmk4	17_29.rawmk4	19_41.rawmk4	21_32.rawmk4	23_24.rawmk4
01_12.rawmk4	17_32.rawmk4	19_44.rawmk4	21_35.rawmk4	23_27.rawmk4
01_15.rawmk4	17_35.rawmk4	19_47.rawmk4	21_38.rawmk4	23_30.rawmk4
01_18.rawmk4	17_38.rawmk4	19_49.rawmk4	21_41.rawmk4	23_33.rawmk4
01_21.rawmk4	17_41.rawmk4	19_52.rawmk4	21_44.rawmk4	23_36.rawmk4
01_24.rawmk4	17_44.rawmk4	19_55.rawmk4	21_47.rawmk4	23_39.rawmk4
01_27.rawmk4	17_47.rawmk4	19_58.rawmk4	21_50.rawmk4	23_41.rawmk4
01_30.rawmk4	17_50.rawmk4	20_01.rawmk4	21_53.rawmk4	23_44.rawmk4
01_33.rawmk4	17_52.rawmk4	20_04.rawmk4	21_56.rawmk4	23_47.rawmk4
01_36.rawmk4	17_55.rawmk4	20_07.rawmk4	21_59.rawmk4	23_50.rawmk4
01_39.rawmk4	17_58.rawmk4	20_10.rawmk4	22_02.rawmk4	23_53.rawmk4
01_42.rawmk4	18_01.rawmk4	20_13.rawmk4	22_05.rawmk4	23_56.rawmk4
01_45.rawmk4	18_09.rawmk4	20_16.rawmk4	22_08.rawmk4	23_59.rawmk4
01_48.rawmk4	18_15.rawmk4	20_19.rawmk4	22_10.rawmk4	c18_05.rawmk4
01_51.rawmk4	18_21.rawmk4	20_22.rawmk4	22_13.rawmk4	c18_12.rawmk4
01_53.rawmk4	18_25.rawmk4	20_25.rawmk4	22_16.rawmk4	c18_18.rawmk4
01_56.rawmk4	18_27.rawmk4	20_28.rawmk4	22_19.rawmk4	