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Mauna Loa Solar Observatory Observer's Log  
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Wed Oct 11 16:51:04 GMT 2006

Year: 06 Doy: 284

Observer: yasukawa

WEATHER COMMENT: Wed Oct 11 16:51:19 GMT 2006

Clear, light S wind 2 mph, temp 48 F.

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

Wed Oct 11 16:56:54 GMT 2006 CHIP Start Patrol

Wed Oct 11 16:57:07 GMT 2006 PICS Start Patrol

SBM COMMENT: Wed Oct 11 16:57:28 GMT 2006

Observing.

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

PSPT COMMENT: Wed Oct 11 16:59:01 GMT 2006

Starting up.

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

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Wed Oct 11 17:07:01 GMT 2006

PSPT COMMENT: Wed Oct 11 17:07:19 GMT 2006

Observing

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

COMMENT: Wed Oct 11 17:08:35 GMT 2006

Internet connection down, LAN appears OK.

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

Wed Oct 11 17:11:08 GMT 2006 MKIV Start Patrol

\*\*MLSO PROBLEM\*\* Wed Oct 11 17:45:48 GMT 2006

Phones are down.

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

Wed Oct 11 17:58:30 GMT 2006 MKIV End Patrol

Wed Oct 11 17:58:39 GMT 2006 MKIV Start Cal

Wed Oct 11 18:00:45 GMT 2006 CHIP LSD

Wed Oct 11 18:01:16 GMT 2006 PICS Flat

Wed Oct 11 18:02:28 GMT 2006 CHIP End LSD

Wed Oct 11 18:02:37 GMT 2006 CHIP BiasLSD

Wed Oct 11 18:03:19 GMT 2006 CHIP End BiasLSD

Wed Oct 11 18:03:30 GMT 2006 CHIP Bias

Wed Oct 11 18:03:38 GMT 2006 PICS End Flat

Wed Oct 11 18:03:46 GMT 2006 PICS ReStart Patrol

Wed Oct 11 18:04:12 GMT 2006 CHIP End Bias

Wed Oct 11 18:04:19 GMT 2006 CHIP ReStart Patrol

Wed Oct 11 18:17:24 GMT 2006 MKIV End Cal

Wed Oct 11 18:17:33 GMT 2006 MKIV Start Patrol

NICE MK4 IMAGE: 1807

NICE CHIP IMAGE: 1807

NICE PICSLIMB IMAGE: 1807

NICE PICSDISC IMAGE: 1806

Wed Oct 11 19:32:57 GMT 2006 PICS End Patrol

PICS COMMENT: Wed Oct 11 19:32:56 GMT 2006

Stopping to determine appropriate occulter size.

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

PICS COMMENT: Wed Oct 11 19:44:10 GMT 2006

Testing occulter #7, recommended for this time of year by 1/3/2001 schedule.

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

Wed Oct 11 19:45:19 GMT 2006 PICS Start Patrol

Wed Oct 11 19:49:41 GMT 2006 PICS End Patrol

PICS COMMENT: Wed Oct 11 19:52:41 GMT 2006

#7 looks a little under-occulted. Trying #6 (larger).

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

Wed Oct 11 19:53:46 GMT 2006 PICS Start Patrol

Wed Oct 11 19:57:27 GMT 2006 PICS End Patrol

PICS COMMENT: Wed Oct 11 19:57:42 GMT 2006

#6 appears just right (see 1957 UT image) if centering is good.

previous image(1954 UT) is off center a bit and spill is occurring.

Trying occulter #5.

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

Wed Oct 11 20:03:53 GMT 2006 PICS Start Patrol

PICS COMMENT: Wed Oct 11 20:07:41 GMT 2006

Very fine edge of limb appears with #6 occulter. No limb appears on #5 occulter. I would call that the "correct" occulting for this time of year.

Since Alice requested 1 size larger, I will put in a #4 occulter until Boulder data folks decide which size they prefer. I will run a bunch of #5s for a while. Stopping to change header entry.

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

Wed Oct 11 20:11:36 GMT 2006 PICS End Patrol

Wed Oct 11 20:12:51 GMT 2006 PICS Start Patrol

PICS COMMENT: Wed Oct 11 20:12:39 GMT 2006

Made SetOccultingDisk 1971 entry on nene, running a few loops with #5 occulter in place.

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

Wed Oct 11 20:31:16 GMT 2006 PICS End Patrol

Wed Oct 11 20:35:30 GMT 2006 PICS Start Patrol

PSPT COMMENT: Wed Oct 11 20:35:16 GMT 2006

Changed to #4 occulter (1981). Made header entry on nene.

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

Wed Oct 11 20:50:49 GMT 2006 CHIP End Patrol

Wed Oct 11 20:51:16 GMT 2006 PICS End Patrol

COMMENT: Wed Oct 11 20:52:55 GMT 2006

Declination recentered itself. Repointed and reset guider.

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

Wed Oct 11 20:53:44 GMT 2006 CHIP Start Patrol

Wed Oct 11 20:53:57 GMT 2006 PICS Start Patrol

Wed Oct 11 20:56:34 GMT 2006 MKIV End Patrol

Wed Oct 11 21:01:57 GMT 2006 CHIP End Patrol

Wed Oct 11 21:02:06 GMT 2006 PICS End Patrol

COMMENT: Wed Oct 11 21:02:31 GMT 2006

Dome manual/auto switch detached from wall. Turned off B5 breaker and reattached switch. Stopping to reconfigure dome shutter.

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

Wed Oct 11 21:08:32 GMT 2006 MKIV Start Patrol

Wed Oct 11 21:08:49 GMT 2006 CHIP Start Patrol

Wed Oct 11 21:08:59 GMT 2006 PICS Start Patrol

\*\*PSPT PROBLEM\*\* : Wed Oct 11 21:41:43 GMT 2006

Crashed at 2112 UT, k/r

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

WEATHER COMMENT: Wed Oct 11 22:07:56 GMT 2006

In scattered orographic clouds.

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

COMMENT: Wed Oct 11 22:17:02 GMT 2006

Phones just came back up, email being downloaded. Net up.

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

Wed Oct 11 22:51:12 GMT 2006 CHIP End Patrol

WEATHER COMMENT: Wed Oct 11 22:51:39 GMT 2006

Pausing obs, in orographic clouds.

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

Wed Oct 11 22:52:17 GMT 2006 PICS End Patrol

Wed Oct 11 22:54:30 GMT 2006 MKIV End Patrol

WEATHER COMMENT: Wed Oct 11 23:45:17 GMT 2006

In thick overcast, closing domes as precaution.

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

Thu Oct 12 01:17:52 GMT 2006

MkIV

17_11.rawmk4	18_29.rawmk4	19_36.rawmk4	20_44.rawmk4	22_04.rawmk4
17_14.rawmk4	18_32.rawmk4	19_39.rawmk4	20_47.rawmk4	22_07.rawmk4
17_17.rawmk4	18_35.rawmk4	19_42.rawmk4	20_50.rawmk4	22_10.rawmk4
17_20.rawmk4	18_38.rawmk4	19_45.rawmk4	20_53.rawmk4	22_13.rawmk4
17_23.rawmk4	18_41.rawmk4	19_48.rawmk4	21_08.rawmk4	22_16.rawmk4
17_25.rawmk4	18_43.rawmk4	19_51.rawmk4	21_11.rawmk4	22_18.rawmk4
17_28.rawmk4	18_46.rawmk4	19_54.rawmk4	21_14.rawmk4	22_21.rawmk4
17_31.rawmk4	18_49.rawmk4	19_57.rawmk4	21_17.rawmk4	22_24.rawmk4
17_34.rawmk4	18_52.rawmk4	20_00.rawmk4	21_20.rawmk4	22_27.rawmk4
17_37.rawmk4	18_55.rawmk4	20_03.rawmk4	21_23.rawmk4	22_30.rawmk4
17_40.rawmk4	18_58.rawmk4	20_06.rawmk4	21_26.rawmk4	22_33.rawmk4
17_43.rawmk4	19_01.rawmk4	20_09.rawmk4	21_29.rawmk4	22_36.rawmk4
17_46.rawmk4	19_04.rawmk4	20_12.rawmk4	21_32.rawmk4	22_39.rawmk4
17_49.rawmk4	19_07.rawmk4	20_15.rawmk4	21_34.rawmk4	22_42.rawmk4
17_52.rawmk4	19_10.rawmk4	20_17.rawmk4	21_37.rawmk4	22_45.rawmk4
17_55.rawmk4	19_13.rawmk4	20_20.rawmk4	21_40.rawmk4	22_48.rawmk4
18_01.rawmk4	19_16.rawmk4	20_23.rawmk4	21_43.rawmk4	22_51.rawmk4
18_07.rawmk4	19_19.rawmk4	20_26.rawmk4	21_46.rawmk4	c17_58.rawmk4
18_13.rawmk4	19_22.rawmk4	20_29.rawmk4	21_49.rawmk4	c18_04.rawmk4
18_17.rawmk4	19_25.rawmk4	20_32.rawmk4	21_52.rawmk4	c18_10.rawmk4
18_20.rawmk4	19_27.rawmk4	20_35.rawmk4	21_55.rawmk4	

18\_23.rawmk4 19\_30.rawmk4 20\_38.rawmk4 21\_58.rawmk4  
18\_26.rawmk4 19\_33.rawmk4 20\_41.rawmk4 22\_01.rawmk4