
Mauna Loa Solar Observatory Observer's Log

Tue Oct 5 17:11:04 GMT 2004

Year: 04 Doy: 279

Observer: koon

Tue Oct 5 17:14:28 GMT 2004 CHIP Start Patrol

Tue Oct 5 17:14:33 GMT 2004 MKIV Start Patrol

Tue Oct 5 17:14:41 GMT 2004 PICS Start Patrol

WEATHER COMMENT: Tue Oct 5 17:11:04 GMT 2004

Clear sky, no wind, temp=46F.

____end____

MKIV COMMENT: Tue Oct 5 17:27:26 GMT 2004

Centered occulting.

____end____

ECHO COMMENT: Tue Oct 5 17:54:22 GMT 2004

Time OK.

____end____

PSPT COMMENT: Tue Oct 5 17:54:29 GMT 2004

Observing.

____end____

Tue Oct 5 18:00:32 GMT 2004 PICS Flat

Tue Oct 5 18:02:45 GMT 2004 CHIP LSD

Tue Oct 5 18:03:01 GMT 2004 PICS End Flat

Tue Oct 5 18:03:08 GMT 2004 PICS ReStart Patrol

Tue Oct 5 18:04:30 GMT 2004 CHIP End LSD

Tue Oct 5 18:04:42 GMT 2004 CHIP BiasLSD

Tue Oct 5 18:05:41 GMT 2004 CHIP End BiasLSD

Tue Oct 5 18:05:51 GMT 2004 CHIP Bias

Tue Oct 5 18:06:48 GMT 2004 CHIP End Bias

Tue Oct 5 18:06:55 GMT 2004 CHIP ReStart Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Tue Oct 5 18:09:03 GMT 2004

MKIV COMMENT: Tue Oct 5 18:22:25 GMT 2004

Centered occulting.

____end____

Tue Oct 5 18:26:17 GMT 2004 MKIV Start Cal

Tue Oct 5 18:45:52 GMT 2004 MKIV End Cal

Tue Oct 5 18:45:58 GMT 2004 MKIV Start Patrol

COMMENT: Tue Oct 5 20:33:36 GMT 2004

Extended the dome slot.

____end____

MKIV COMMENT: Tue Oct 5 20:34:02 GMT 2004

Centered occulting.

____end____

MKIV COMMENT: Tue Oct 5 21:16:17 GMT 2004

There's a moderate amount of bugs flying around today. I removed 2 small single strand spider webs, so there are probably spiders floating the air currents on their little "webgliders", hopefully they won't land on any optics.

___end___

MKIV COMMENT: Tue Oct 5 22:04:50 GMT 2004

So far the Mk4 O1 is staying unvignetted by the dome slot edge shadow, ADR is adjusted well.

___end___

MKIV COMMENT: Tue Oct 5 22:06:51 GMT 2004

Centered occulting.

___end___

WEATHER COMMENT: Tue Oct 5 22:15:25 GMT 2004

Nysius bugs are getting really numerous, also some kind of moth, and ballooning spiders.

___end___

MKIV COMMENT: Tue Oct 5 22:16:19 GMT 2004

ADR adjustment still looks good.

___end___

WEATHER COMMENT: Tue Oct 5 22:38:51 GMT 2004

Orographic clouds are coming up from the Northwest, military bombing runs at Pohakuloa are getting difficult to see through the clouds now.

___end___

MKIV COMMENT: Tue Oct 5 22:40:13 GMT 2004

The O1 stayed in the clear throughout the critical solar noon hour, ADR adjustment works well so far, I'll watch it closely near the end of the day too.

___end___

ECHO PROBLEM: Tue Oct 5 23:02:30 GMT 2004

PC power was off, it was working this morning and I didn't touch it until now to restart it. This happened to me before within the last few months. Will restart normal obs.

___end___

ECHO PROBLEM: Tue Oct 5 23:15:51 GMT 2004

Back to normal obs.

___end___

**** EVENT COMMENT ****: Tue Oct 5 23:47:52 GMT 2004

CME in progress at PA=105.

___end___

WEATHER COMMENT: Tue Oct 5 23:52:25 GMT 2004

Orographic cloud wisps are starting to pass over.

___end___

COMMENT: Tue Oct 5 23:58:26 GMT 2004

The shadow from the edge of the dome is just starting to vignette the PICS, but this is about as good as we can get it with the current setup, this ADR adjustment is good in my opinion and favors early day data, no vignetting of mk4 and only late day vignetting of PICS. It is easy to go up and manually point the dome from this time of day onward because the dome doesn't need pointing very often.

___end___

PICS PROBLEM: Wed Oct 6 00:02:08 GMT 2004

See previous general comment regarding ADR and PICS vignetting, we need to manually point the dome from about this time onward for this ADR setup and

time of year.

____end____

MKIV COMMENT: Wed Oct 6 00:09:34 GMT 2004

Centered occulting.

____end____

COMMENT: Wed Oct 6 00:35:25 GMT 2004

Extended the dome slot again.

____end____

WEATHER COMMENT: Wed Oct 6 00:36:23 GMT 2004

The orographic clouds have receded for now.

____end____

NICE PICSDISC IMAGE: 1815

NICE PICSLIMB IMAGE: 1816

NICE CHIP IMAGE: 1741

NICE MK4 IMAGE: 1741

Wed Oct 6 02:15:40 GMT 2004 CHIP End Patrol

Wed Oct 6 02:21:03 GMT 2004 PICS End Patrol

Wed Oct 6 02:22:11 GMT 2004 MKIV End Patrol

Wed Oct 6 02:35:27 GMT 2004

MkIV

00_00.rawmk4	01_45.rawmk4	18_42.rawmk4	20_32.rawmk4	22_22.rawmk4
00_03.rawmk4	01_48.rawmk4	18_45.rawmk4	20_35.rawmk4	22_25.rawmk4
00_06.rawmk4	01_51.rawmk4	18_48.rawmk4	20_38.rawmk4	22_28.rawmk4
00_09.rawmk4	01_54.rawmk4	18_51.rawmk4	20_41.rawmk4	22_31.rawmk4
00_12.rawmk4	01_57.rawmk4	18_54.rawmk4	20_44.rawmk4	22_34.rawmk4
00_14.rawmk4	02_00.rawmk4	18_57.rawmk4	20_47.rawmk4	22_37.rawmk4
00_17.rawmk4	02_03.rawmk4	19_03.rawmk4	20_50.rawmk4	22_40.rawmk4
00_20.rawmk4	02_06.rawmk4	19_07.rawmk4	20_53.rawmk4	22_43.rawmk4
00_23.rawmk4	02_09.rawmk4	19_10.rawmk4	20_56.rawmk4	22_46.rawmk4
00_26.rawmk4	02_12.rawmk4	19_13.rawmk4	20_59.rawmk4	22_48.rawmk4
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00_32.rawmk4	17_14.rawmk4	19_19.rawmk4	21_04.rawmk4	22_54.rawmk4
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01_04.rawmk4	17_46.rawmk4	19_51.rawmk4	21_37.rawmk4	23_27.rawmk4
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01_40.rawmk4	18_22.rawmk4	20_26.rawmk4	22_16.rawmk4	c18_38.rawmk4
01_43.rawmk4	18_29.rawmk4	20_29.rawmk4	22_19.rawmk4	