
Mauna Loa Solar Observatory Observer's Log

Sun Sep 7 16:39:35 GMT 2003

Year: 03 Doy: 250

Observer: koon

Sun Sep 7 16:48:31 GMT 2003 CHIP Start Patrol

Sun Sep 7 16:48:42 GMT 2003 PICS Start Patrol

WEATHER COMMENT: Sun Sep 7 16:39:36 GMT 2003

Clear sky, wind=5 mph from the SE, temp=45 F.

Sun Sep 7 16:56:03 GMT 2003 MKIV Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sun Sep 7 17:04:55 GMT 2003

MKIV COMMENT: Sun Sep 7 17:07:52 GMT 2003

Centered occulting.

PSPT COMMENT: Sun Sep 7 17:40:48 GMT 2003

There is a problem with closing the dome shutter. I opened up and will observe for a while before trying to fix this.

PSPT COMMENT: Sun Sep 7 17:55:09 GMT 2003

Observing.

Sun Sep 7 18:00:44 GMT 2003 CHIP LSD

Sun Sep 7 18:02:29 GMT 2003 CHIP End LSD

Sun Sep 7 18:02:44 GMT 2003 CHIP BiasLSD

Sun Sep 7 18:03:44 GMT 2003 CHIP End BiasLSD

Sun Sep 7 18:03:56 GMT 2003 CHIP Bias

Sun Sep 7 18:04:13 GMT 2003 PICS Flat

Sun Sep 7 18:04:54 GMT 2003 CHIP End Bias

Sun Sep 7 18:06:40 GMT 2003 PICS End Flat

MKIV COMMENT: Sun Sep 7 18:13:28 GMT 2003

Centered occulting.

Sun Sep 7 18:13:45 GMT 2003 MKIV End Patrol

Sun Sep 7 18:13:59 GMT 2003 MKIV Start Cal

Sun Sep 7 18:32:44 GMT 2003 MKIV End Cal

Sun Sep 7 18:50:46 GMT 2003 MKIV Start Patrol

MKIV COMMENT: Sun Sep 7 19:31:56 GMT 2003

Centered occulting.

PSPT PROBLEM: Sun Sep 7 20:06:09 GMT 2003

Crashed at 1917 UT, restarted.

COMMENT: Sun Sep 7 20:33:51 GMT 2003

Extended the dome slot.

MKIV COMMENT: Sun Sep 7 21:22:01 GMT 2003

Centered occulting.

COMMENT: Sun Sep 7 22:36:03 GMT 2003

Corl crew arrived, we already set the spar to the zenith alignment.

COMMENT: Sun Sep 7 22:38:11 GMT 2003

Centered occulting.

PSPT COMMENT: Sun Sep 7 22:59:50 GMT 2003

Paused to work on shutter drive mechanism.

PSPT COMMENT: Mon Sep 8 01:45:44 GMT 2003

I finished working on the dome shutter and restarted the observations. The coupling between the 2 gearboxes was loose so I tightened the setscrews, I also realigned the primary gearbox using washers as spacers under its mount. I tightened the large nut on the yoke that holds the final gearbox to the dome. I replaced the highly worn L-brackets on both sides of the drive gear and greased the whole rails they ride on. The shutter doesn't stall any more, and it sounds much better while driving open and closed.

MKIV COMMENT: Mon Sep 8 01:58:56 GMT 2003

Centered occulting.

Mon Sep 8 02:08:17 GMT 2003 PICS End Patrol

Mon Sep 8 02:22:15 GMT 2003 CHIP End Patrol

Mon Sep 8 02:24:45 GMT 2003 MKIV End Patrol

Mon Sep 8 02:38:38 GMT 2003

MkIV

00_00.rawmk4	01_49.rawmk4	18_17.rawmk4	20_34.rawmk4	22_23.rawmk4
00_03.rawmk4	01_52.rawmk4	18_23.rawmk4	20_37.rawmk4	22_26.rawmk4
00_06.rawmk4	01_55.rawmk4	18_29.rawmk4	20_40.rawmk4	22_29.rawmk4
00_09.rawmk4	01_57.rawmk4	18_50.rawmk4	20_43.rawmk4	22_32.rawmk4
00_12.rawmk4	02_00.rawmk4	18_53.rawmk4	20_46.rawmk4	22_35.rawmk4
00_15.rawmk4	02_03.rawmk4	18_56.rawmk4	20_49.rawmk4	22_38.rawmk4
00_18.rawmk4	02_06.rawmk4	18_59.rawmk4	20_52.rawmk4	22_41.rawmk4
00_21.rawmk4	02_09.rawmk4	19_02.rawmk4	20_55.rawmk4	22_44.rawmk4
00_23.rawmk4	02_12.rawmk4	19_05.rawmk4	20_58.rawmk4	22_47.rawmk4
00_26.rawmk4	02_15.rawmk4	19_08.rawmk4	21_01.rawmk4	22_49.rawmk4
00_29.rawmk4	02_18.rawmk4	19_11.rawmk4	21_04.rawmk4	22_52.rawmk4
00_32.rawmk4	02_21.rawmk4	19_14.rawmk4	21_07.rawmk4	22_55.rawmk4
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00_50.rawmk4	17_10.rawmk4	19_31.rawmk4	21_24.rawmk4	23_13.rawmk4
00_53.rawmk4	17_13.rawmk4	19_34.rawmk4	21_27.rawmk4	23_16.rawmk4
00_56.rawmk4	17_16.rawmk4	19_37.rawmk4	21_30.rawmk4	23_19.rawmk4
00_59.rawmk4	17_19.rawmk4	19_40.rawmk4	21_33.rawmk4	23_22.rawmk4
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01_05.rawmk4	17_25.rawmk4	19_46.rawmk4	21_39.rawmk4	23_28.rawmk4
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01_10.rawmk4	17_31.rawmk4	19_52.rawmk4	21_45.rawmk4	23_34.rawmk4
01_13.rawmk4	17_37.rawmk4	19_55.rawmk4	21_48.rawmk4	23_37.rawmk4
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01_40.rawmk4	18_04.rawmk4	20_25.rawmk4	22_14.rawmk4	c18_20.rawmk4
01_43.rawmk4	18_07.rawmk4	20_28.rawmk4	22_17.rawmk4	c18_26.rawmk4
01_46.rawmk4	18_10.rawmk4	20_31.rawmk4	22_20.rawmk4	