
Mauna Loa Solar Observatory Observer's Log

Fri Aug 20 16:23:08 GMT 2004

Year: 04 Doy: 233

Observer: yasukawa

WEATHER COMMENT: Fri Aug 20 16:23:41 GMT 2004

Clear, SE wind 10 mph, temp. 47 F.

ECHO COMMENT: Fri Aug 20 16:33:34 GMT 2004

Time OK.

Fri Aug 20 16:33:39 GMT 2004 CHIP Start Patrol

Fri Aug 20 16:33:49 GMT 2004 PICS Start Patrol

PSPT COMMENT: Fri Aug 20 16:44:40 GMT 2004

Startup

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri Aug 20 16:44:49 GMT 2004

PSPT COMMENT: Fri Aug 20 16:56:55 GMT 2004

PSPT and dome pointed correctly! Observing.

MKIV COMMENT: Fri Aug 20 16:57:24 GMT 2004

Centering Ol.

Fri Aug 20 16:57:53 GMT 2004 MKIV Start Patrol

MKIV COMMENT: Fri Aug 20 18:00:29 GMT 2004

Centered Ol.

Fri Aug 20 18:00:50 GMT 2004 CHIP LSD

Fri Aug 20 18:01:28 GMT 2004 PICS Flat

Fri Aug 20 18:02:35 GMT 2004 CHIP End LSD

Fri Aug 20 18:02:43 GMT 2004 CHIP BiasLSD

Fri Aug 20 18:03:41 GMT 2004 MKIV End Patrol

Fri Aug 20 18:03:36 GMT 2004 CHIP End BiasLSD

Fri Aug 20 18:03:50 GMT 2004 MKIV Start Cal

Fri Aug 20 18:03:51 GMT 2004 CHIP Bias

Fri Aug 20 18:04:03 GMT 2004 PICS End Flat

Fri Aug 20 18:04:11 GMT 2004 PICS ReStart Patrol

Fri Aug 20 18:04:50 GMT 2004 CHIP End Bias

Fri Aug 20 18:04:57 GMT 2004 CHIP ReStart Patrol

Fri Aug 20 18:23:23 GMT 2004 MKIV Start Patrol

MKIV COMMENT: Fri Aug 20 19:07:25 GMT 2004

Centered Ol.

WEATHER COMMENT: Fri Aug 20 19:12:37 GMT 2004

Wind has picked up to 25 mph from SSE.

Fri Aug 20 19:47:36 GMT 2004 PICS End Patrol

COMMENT: Fri Aug 20 19:47:32 GMT 2004

Stopping to reconfigure dome shutter.

Fri Aug 20 19:47:44 GMT 2004 CHIP End Patrol

Fri Aug 20 19:51:43 GMT 2004 MKIV End Patrol

MKIV COMMENT: Fri Aug 20 19:55:31 GMT 2004

Centered Ol.

Fri Aug 20 19:55:45 GMT 2004 MKIV Start Patrol

Fri Aug 20 19:56:00 GMT 2004 CHIP Start Patrol

Fri Aug 20 19:56:11 GMT 2004 PICS Start Patrol

MKIV COMMENT: Fri Aug 20 20:57:24 GMT 2004

Centered O1.

****PSPT PROBLEM****: Fri Aug 20 21:30:44 GMT 2004

PSPT was being vignetted by the right edge of the dome slot, probably due to the azimuth motor drive gear skipping out of the track. Motor turns encoder the necessary steps but the dome does not travel the appropriate number of degrees causing the dome to lag the spar. Moved dome to appropriate position using "dome goto" command and then did a "dome cal" and "dome ephm". Restarted observations.

MKIV COMMENT: Fri Aug 20 22:02:07 GMT 2004

Centered O1.

NICE PICSLIMB IMAGE: 1805

NICE PICSDISC IMAGE: 1804

NICE CHIP IMAGE: 1805

NICE MK4 IMAGE: 1806

****MKIV PROBLEM****: Fri Aug 20 22:33:04 GMT 2004

Overadjusted dome slot position, mk4 slightly vignetted.

WEATHER COMMENT: Fri Aug 20 23:04:41 GMT 2004

Sky very noisy. Wind 11 mph from NW.

MKIV COMMENT: Fri Aug 20 23:09:33 GMT 2004

Centered O1.

MKIV COMMENT: Fri Aug 20 23:59:33 GMT 2004

Centered O1.

Sat Aug 21 00:45:27 GMT 2004 CHIP End Patrol

Sat Aug 21 00:45:30 GMT 2004 PICS End Patrol

COMMENT: Sat Aug 21 00:45:39 GMT 2004

Stopping to reconfigure dome shutter.

****PSPT PROBLEM****: Sat Aug 21 00:47:52 GMT 2004

PSPT was being vignetted by left side of dome slot now. Moved dome with dome goto and did dome cal and dome ephm again.

Sat Aug 21 00:49:44 GMT 2004 MKIV End Patrol

MKIV COMMENT: Sat Aug 21 00:55:27 GMT 2004

Centered O1.

Sat Aug 21 00:55:29 GMT 2004 CHIP Start Patrol

Sat Aug 21 00:55:42 GMT 2004 MKIV Start Patrol

Sat Aug 21 00:55:34 GMT 2004 PICS Start Patrol

Sat Aug 21 01:56:35 GMT 2004 CHIP End Patrol

Sat Aug 21 01:56:43 GMT 2004 PICS End Patrol

Sat Aug 21 02:00:37 GMT 2004 MKIV End Patrol

Sat Aug 21 02:03:35 GMT 2004

MkIV

00_02.rawmk4 01_54.rawmk4 18_52.rawmk4 20_42.rawmk4 22_28.rawmk4

00_05.rawmk4 01_57.rawmk4 18_55.rawmk4 20_45.rawmk4 22_31.rawmk4

00_08.rawmk4 16_57.rawmk4 18_58.rawmk4 20_48.rawmk4 22_34.rawmk4

00_11.rawmk4 17_00.rawmk4 19_01.rawmk4 20_51.rawmk4 22_37.rawmk4

00_14.rawmk4 17_03.rawmk4 19_04.rawmk4 20_54.rawmk4 22_40.rawmk4

00_17.rawmk4	17_06.rawmk4	19_07.rawmk4	20_57.rawmk4	22_43.rawmk4
00_20.rawmk4	17_09.rawmk4	19_10.rawmk4	21_00.rawmk4	22_46.rawmk4
00_23.rawmk4	17_12.rawmk4	19_13.rawmk4	21_03.rawmk4	22_49.rawmk4
00_25.rawmk4	17_15.rawmk4	19_16.rawmk4	21_06.rawmk4	22_51.rawmk4
00_28.rawmk4	17_18.rawmk4	19_19.rawmk4	21_09.rawmk4	22_54.rawmk4
00_31.rawmk4	17_21.rawmk4	19_22.rawmk4	21_12.rawmk4	22_57.rawmk4
00_34.rawmk4	17_27.rawmk4	19_25.rawmk4	21_15.rawmk4	23_00.rawmk4
00_37.rawmk4	17_31.rawmk4	19_27.rawmk4	21_17.rawmk4	23_03.rawmk4
00_40.rawmk4	17_34.rawmk4	19_30.rawmk4	21_20.rawmk4	23_06.rawmk4
00_43.rawmk4	17_37.rawmk4	19_33.rawmk4	21_23.rawmk4	23_09.rawmk4
00_46.rawmk4	17_39.rawmk4	19_36.rawmk4	21_26.rawmk4	23_12.rawmk4
00_55.rawmk4	17_42.rawmk4	19_39.rawmk4	21_29.rawmk4	23_15.rawmk4
00_58.rawmk4	17_45.rawmk4	19_42.rawmk4	21_32.rawmk4	23_18.rawmk4
01_01.rawmk4	17_48.rawmk4	19_45.rawmk4	21_35.rawmk4	23_21.rawmk4
01_04.rawmk4	17_51.rawmk4	19_48.rawmk4	21_38.rawmk4	23_24.rawmk4
01_07.rawmk4	17_54.rawmk4	19_55.rawmk4	21_41.rawmk4	23_27.rawmk4
01_10.rawmk4	17_57.rawmk4	19_58.rawmk4	21_44.rawmk4	23_30.rawmk4
01_13.rawmk4	18_00.rawmk4	20_01.rawmk4	21_47.rawmk4	23_33.rawmk4
01_16.rawmk4	18_06.rawmk4	20_04.rawmk4	21_50.rawmk4	23_36.rawmk4
01_19.rawmk4	18_13.rawmk4	20_07.rawmk4	21_53.rawmk4	23_39.rawmk4
01_22.rawmk4	18_19.rawmk4	20_10.rawmk4	21_56.rawmk4	23_41.rawmk4
01_25.rawmk4	18_23.rawmk4	20_13.rawmk4	21_59.rawmk4	23_44.rawmk4
01_27.rawmk4	18_26.rawmk4	20_16.rawmk4	22_02.rawmk4	23_47.rawmk4
01_30.rawmk4	18_29.rawmk4	20_19.rawmk4	22_05.rawmk4	23_50.rawmk4
01_33.rawmk4	18_32.rawmk4	20_22.rawmk4	22_07.rawmk4	23_53.rawmk4
01_36.rawmk4	18_35.rawmk4	20_25.rawmk4	22_10.rawmk4	23_56.rawmk4
01_39.rawmk4	18_38.rawmk4	20_28.rawmk4	22_13.rawmk4	23_59.rawmk4
01_42.rawmk4	18_41.rawmk4	20_30.rawmk4	22_16.rawmk4	c18_03.rawmk4
01_45.rawmk4	18_43.rawmk4	20_33.rawmk4	22_19.rawmk4	c18_09.rawmk4
01_48.rawmk4	18_46.rawmk4	20_36.rawmk4	22_22.rawmk4	c18_16.rawmk4
01_51.rawmk4	18_49.rawmk4	20_39.rawmk4	22_25.rawmk4	