
Mauna Loa Solar Observatory Observer's Log

Fri Aug 27 16:27:02 GMT 2004

Year: 04 Doy: 240

Observer: yasukawa

WEATHER COMMENT: Fri Aug 27 16:27:19 GMT 2004

Clear, South wind 8 mph, temp 47 F.

ECHO COMMENT: Fri Aug 27 16:34:14 GMT 2004

Time OK.

ECHO PROBLEM: Fri Aug 27 16:34:24 GMT 2004

Lower image still dark.

Fri Aug 27 16:36:09 GMT 2004 CHIP Start Patrol

Fri Aug 27 16:36:19 GMT 2004 PICS Start Patrol

ECHO COMMENT: Fri Aug 27 16:44:22 GMT 2004

MOF2 value on gui is 140.0 as set by Darryl yesterday.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri Aug 27 16:47:52 GMT 2004

MKIV COMMENT: Fri Aug 27 16:58:27 GMT 2004

mk4 clearing dome cylinder. Centering O1.

Fri Aug 27 16:59:08 GMT 2004 MKIV Start Patrol

MKIV COMMENT: Fri Aug 27 17:58:47 GMT 2004

Centered O1.

Fri Aug 27 17:59:03 GMT 2004 MKIV End Patrol

Fri Aug 27 17:59:10 GMT 2004 MKIV Start Cal

Fri Aug 27 18:00:48 GMT 2004 CHIP LSD

Fri Aug 27 18:01:26 GMT 2004 PICS Flat

Fri Aug 27 18:02:28 GMT 2004 CHIP End LSD

Fri Aug 27 18:02:37 GMT 2004 CHIP BiasLSD

Fri Aug 27 18:03:29 GMT 2004 CHIP End BiasLSD

Fri Aug 27 18:03:37 GMT 2004 CHIP Bias

Fri Aug 27 18:03:51 GMT 2004 PICS End Flat

Fri Aug 27 18:03:59 GMT 2004 PICS ReStart Patrol

Fri Aug 27 18:04:29 GMT 2004 CHIP End Bias

Fri Aug 27 18:04:37 GMT 2004 CHIP ReStart Patrol

Fri Aug 27 18:17:56 GMT 2004 MKIV End Cal

Fri Aug 27 18:18:05 GMT 2004 MKIV Start Patrol

PSPT PROBLEM: Fri Aug 27 18:29:04 GMT 2004

PSPT PROBLEM: Fri Aug 27 18:36:29 GMT 2004

pspt.ini contained the new DomeOffset value when I checked.

Went thru Alice's edit procedure anyway and tried out new settings.

Pspt pointed a bit too far south so I tried shutting down to check park position from there. Dome parked way west of normal. Tried Startup again and while trying to position dome for dome cal, I got fooled by the spar moving around for some strange reason (Startup was all pau so it shouldn't have been moving). Shutdown again after doing an init sys on PC. This time, both spar and dome parked facing WSW.

very wierd!

****PSPT PROBLEM****: Fri Aug 27 19:05:18 GMT 2004

Restarted after moving dome and spar manually to nominal park positions and doing an init sys. Cycled Sparc power. Restarted PSPT. Dome again pointed a bit too far to the N, spar looking at the right edge of slot. Repositioned dome slot using dome goto command on PC. Did another dome cal and dome ephm. DomeHomeOffset changed from -4707.26 to -3473.33. Checked pspt.ini file and new value was automatically entered there. I did a vi pspt.ini and a :wq to ensure that the new value is written there. I didn't make a copy before starting up observations. Will do that later.

****PSPT PROBLEM****: Fri Aug 27 19:40:43 GMT 2004

Startup runs OK. Daily Observations does not. Program crashes, every time, at clr blue during the initial Center Sun routine.

Fri Aug 27 19:47:13 GMT 2004 CHIP End Patrol

Fri Aug 27 19:47:43 GMT 2004 MKIV End Patrol

COMMENT: Fri Aug 27 19:47:34 GMT 2004

Stopping to reconfigure dome shutter.

Fri Aug 27 19:47:44 GMT 2004 PICS End Patrol

COMMENT: Fri Aug 27 19:47:50 GMT 2004

Just gave short tour to three USGS folks. They were waiting for tow trucks to remove the two camouflaged Chevy Blazers that they broke today.

Fri Aug 27 19:54:13 GMT 2004 MKIV Start Patrol

MKIV COMMENT: Fri Aug 27 19:54:23 GMT 2004

Centered O1.

Fri Aug 27 19:54:46 GMT 2004 CHIP Start Patrol

Fri Aug 27 19:54:57 GMT 2004 PICS Start Patrol

NICE MK4 IMAGE: 1802

NICE PICSDISC IMAGE: 1804

NICE PICSLIMB IMAGE: 1805

NICE CHIP IMAGE: 1804

****MLSO PROBLEM****: Fri Aug 27 20:12:26 GMT 2004

Noticed that bench power supply was on. Since it was wired to a connector that had no card plugged into it, I turned the supply off to prevent a short if stuff falls onto the exposed lugs.

MKIV COMMENT: Fri Aug 27 21:25:17 GMT 2004

Centered O1.

****PSPT PROBLEM****: Fri Aug 27 21:25:32 GMT 2004

Finally got PSPT going. It is observing.

With Alice's help, we got the sequences of reboots and initializations correct so that the PC and Sparc were communication and working together. There were apparently various flavors of crashes, communication losses, and who-knows-what causing the program to crash, the spar and the dome to get lost, and I-don't-remember-what-else, before we finally sorted things out.

****MKIV PROBLEM****: Fri Aug 27 22:37:51 GMT 2004

overshot dome azimuth adjustment.

MKIV COMMENT: Fri Aug 27 23:05:09 GMT 2004

Centered O1.

COMMENT: Fri Aug 27 23:42:53 GMT 2004

declination reset itself. Repointed and reset guider.

MKIV COMMENT: Sat Aug 28 00:06:50 GMT 2004

Centered O1.

MKIV COMMENT: Sat Aug 28 01:01:21 GMT 2004

Centered O1.

Sat Aug 28 01:35:11 GMT 2004 CHIP End Patrol

COMMENT: Sat Aug 28 01:35:24 GMT 2004

Reconfiguring dome shutter.

Sat Aug 28 01:35:26 GMT 2004 PICS End Patrol

Sat Aug 28 01:36:48 GMT 2004 MKIV End Patrol

Sat Aug 28 01:43:51 GMT 2004 MKIV Start Patrol

Sat Aug 28 01:43:47 GMT 2004 CHIP Start Patrol

MKIV COMMENT: Sat Aug 28 01:43:53 GMT 2004

Centered O1.

Sat Aug 28 01:43:58 GMT 2004 PICS Start Patrol

PSPT PROBLEM Sat Aug 28 01:54:35 GMT 2004

PSPT is slightly edging the dome slot on the left edge at this time.

We may want to make a slight adjustment, placing the spar to the right of center in the slot in the early morning and doing another dome cal.

This may help to keep the spar in the slot all day.

PSPT PROBLEM Sat Aug 28 02:26:22 GMT 2004

Spar parked correctly. Dome parked about one slot-width to west of where it normally parks. Let's see how that affects start-up tomorrow morning before going through another round of manual adjustment.

Sat Aug 28 02:28:29 GMT 2004 PICS End Patrol

Sat Aug 28 02:30:01 GMT 2004 CHIP End Patrol

Sat Aug 28 02:31:12 GMT 2004 MKIV End Patrol

Sat Aug 28 02:35:28 GMT 2004

MkIV

00_00.rawmk4	02_04.rawmk4	18_35.rawmk4	20_32.rawmk4	22_21.rawmk4
00_03.rawmk4	02_07.rawmk4	18_38.rawmk4	20_35.rawmk4	22_24.rawmk4
00_06.rawmk4	02_10.rawmk4	18_41.rawmk4	20_38.rawmk4	22_27.rawmk4
00_09.rawmk4	02_13.rawmk4	18_44.rawmk4	20_41.rawmk4	22_29.rawmk4
00_15.rawmk4	02_16.rawmk4	18_47.rawmk4	20_44.rawmk4	22_32.rawmk4
00_19.rawmk4	02_19.rawmk4	18_50.rawmk4	20_47.rawmk4	22_35.rawmk4
00_22.rawmk4	02_22.rawmk4	18_53.rawmk4	20_50.rawmk4	22_38.rawmk4
00_25.rawmk4	02_24.rawmk4	18_56.rawmk4	20_53.rawmk4	22_41.rawmk4
00_28.rawmk4	02_27.rawmk4	18_59.rawmk4	20_55.rawmk4	22_44.rawmk4
00_31.rawmk4	16_59.rawmk4	19_02.rawmk4	20_58.rawmk4	22_47.rawmk4
00_34.rawmk4	17_02.rawmk4	19_05.rawmk4	21_01.rawmk4	22_50.rawmk4
00_37.rawmk4	17_05.rawmk4	19_07.rawmk4	21_04.rawmk4	22_53.rawmk4
00_39.rawmk4	17_08.rawmk4	19_10.rawmk4	21_07.rawmk4	22_56.rawmk4
00_45.rawmk4	17_10.rawmk4	19_13.rawmk4	21_10.rawmk4	22_59.rawmk4
00_49.rawmk4	17_13.rawmk4	19_16.rawmk4	21_13.rawmk4	23_02.rawmk4
00_52.rawmk4	17_16.rawmk4	19_19.rawmk4	21_16.rawmk4	23_05.rawmk4
00_55.rawmk4	17_19.rawmk4	19_22.rawmk4	21_19.rawmk4	23_08.rawmk4
00_58.rawmk4	17_22.rawmk4	19_25.rawmk4	21_22.rawmk4	23_11.rawmk4

01_01.rawmk4	17_25.rawmk4	19_28.rawmk4	21_25.rawmk4	23_13.rawmk4
01_04.rawmk4	17_28.rawmk4	19_32.rawmk4	21_28.rawmk4	23_16.rawmk4
01_07.rawmk4	17_31.rawmk4	19_35.rawmk4	21_31.rawmk4	23_19.rawmk4
01_10.rawmk4	17_34.rawmk4	19_38.rawmk4	21_34.rawmk4	23_22.rawmk4
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01_16.rawmk4	17_43.rawmk4	19_44.rawmk4	21_40.rawmk4	23_28.rawmk4
01_18.rawmk4	17_47.rawmk4	19_54.rawmk4	21_42.rawmk4	23_31.rawmk4
01_21.rawmk4	17_49.rawmk4	19_57.rawmk4	21_45.rawmk4	23_34.rawmk4
01_24.rawmk4	17_52.rawmk4	20_00.rawmk4	21_48.rawmk4	23_37.rawmk4
01_27.rawmk4	17_55.rawmk4	20_03.rawmk4	21_51.rawmk4	23_40.rawmk4
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01_43.rawmk4	18_14.rawmk4	20_11.rawmk4	22_00.rawmk4	23_49.rawmk4
01_46.rawmk4	18_18.rawmk4	20_14.rawmk4	22_03.rawmk4	23_52.rawmk4
01_49.rawmk4	18_21.rawmk4	20_17.rawmk4	22_06.rawmk4	23_55.rawmk4
01_52.rawmk4	18_23.rawmk4	20_20.rawmk4	22_09.rawmk4	23_57.rawmk4
01_55.rawmk4	18_26.rawmk4	20_23.rawmk4	22_12.rawmk4	c17_59.rawmk4
01_58.rawmk4	18_29.rawmk4	20_26.rawmk4	22_15.rawmk4	c18_05.rawmk4
02_01.rawmk4	18_32.rawmk4	20_29.rawmk4	22_18.rawmk4	c18_11.rawmk4