
Mauna Loa Solar Observatory Observer's Log

Mon Apr 6 16:52:38 GMT 1998

Year: 98 Doy: 096

Observer: yasukawa

WEATHER COMMENT: Mon Apr 6 16:53:24 GMT 1998

Cool, clear, light southeast breeze.

Mon Apr 6 16:54:48 GMT 1998 CHIP CHIP Start Patrol

Mon Apr 6 16:55:32 GMT 1998 MKIII Start Patrol

Mon Apr 6 16:55:58 GMT 1998 PICS Start Patrol

PSPT COMMENT: Mon Apr 6 16:58:54 GMT 1998

Haosheng just called, he will be trying a bunch of stuff from Sunspot.

PSPT is ready to start. It will be operated remotely for now.

Mon Apr 6 17:01:10 GMT 1998 PICS Flat

CHIP COMMENT: Mon Apr 6 17:02:12 GMT 1998

CHIP crashed, I think. Program was stalled. Killed, restarting.

Mon Apr 6 17:02:38 GMT 1998 PICS End Flat

Mon Apr 6 17:05:35 GMT 1998 CHIP Startup--Initializing new tape

Mon Apr 6 17:08:19 GMT 1998 CHIP CHIP Start Patrol

PSPT COMMENT: Mon Apr 6 17:40:09 GMT 1998

Haosheng informed us that the ephemeris program quit. The telescope doesn't try to find sun. They are working on the problem.

CHIP COMMENT: Mon Apr 6 17:45:37 GMT 1998

Reboot kii and attempting to startup again.

Mon Apr 6 17:48:28 GMT 1998 CHIP Startup--Initializing new tape

Mon Apr 6 17:50:50 GMT 1998 CHIP CHIP Start Patrol

CHIP COMMENT: Mon Apr 6 17:53:59 GMT 1998

Still stalled, same place. Tried moving diffuser and cover from KCC and commands work OK, there is communication between the KCC and telescope.

Mon Apr 6 18:01:19 GMT 1998 PICS Flat

Mon Apr 6 18:02:46 GMT 1998 PICS End Flat

Mon Apr 6 18:13:27 GMT 1998 MKIII Start Cal

CHIP COMMENT: Mon Apr 6 18:26:44 GMT 1998

Hey! noticed CHIP is running! Program time entry was wrong, but it is starting a new loop. We'll see what changes there.

Mon Apr 6 18:27:50 GMT 1998 CHIP Bias

Mon Apr 6 18:28:55 GMT 1998 CHIP End Bias

Mon Apr 6 18:29:09 GMT 1998 CHIP Water

Mon Apr 6 18:30:03 GMT 1998 CHIP End Water

CHIP COMMENT: Mon Apr 6 18:30:32 GMT 1998

Time entry in Program field now current.

CHIP COMMENT: Mon Apr 6 18:35:47 GMT 1998

CHIP images are very faint/dark.

CHIP COMMENT: Mon Apr 6 18:48:13 GMT 1998

David confirmed that there was a change last night and image was compressed and then it was not uncompressed when procedure was

completed. David is fixing that oversight. I alerted him to the faint image.

Mon Apr 6 19:01:22 GMT 1998 CHIP Bias
Mon Apr 6 19:01:22 GMT 1998 CHIP Bias
Mon Apr 6 19:02:45 GMT 1998 CHIP End Bias
Mon Apr 6 19:02:51 GMT 1998 PICS End Flat
Mon Apr 6 19:02:55 GMT 1998 CHIP Water
Mon Apr 6 19:03:52 GMT 1998 CHIP End Water
Mon Apr 6 19:19:47 GMT 1998 CHIP CHIP End Patrol
Mon Apr 6 19:23:00 GMT 1998 CHIP CHIP Start Patrol

CHIP COMMENT: Mon Apr 6 19:31:19 GMT 1998

Did a Kill/Run cycle. Exposure was 1. Exposure at 30 after the Kill/Run. Display image looks good now.

PSPT COMMENT: Mon Apr 6 20:01:38 GMT 1998

NSO was having problems with the ephemeris calculation. They are still looking at it but in the meantime, we pointed the telescope manually (loosen clutches, open optics bay and move image to lens) and calibrated the pointing. Starting up observing program (Run).

Mon Apr 6 20:08:58 GMT 1998 CHIP End Gain
Mon Apr 6 20:09:12 GMT 1998 CHIP Bias
Mon Apr 6 20:10:10 GMT 1998 CHIP End Bias
Mon Apr 6 20:10:19 GMT 1998 CHIP Water

PSPT COMMENT: Mon Apr 6 20:10:59 GMT 1998

PSPT is running OK, apparently.

P End Water

COMMENT: Mon Apr 6 20:25:01 GMT 1998

Phew, I think things are finally under control here. Going down to GONG to do the weekly and monthly PM.

Mon Apr 6 20:26:40 GMT 1998 PICS End Patrol

COMMENT: Mon Apr 6 20:26:58 GMT 1998

Oh, wait. Stopping and reconfiguring dome first.

Mon Apr 6 20:29:34 GMT 1998 CHIP CHIP End Patrol
Mon Apr 6 20:36:38 GMT 1998 MKIII Start Patrol
Mon Apr 6 20:36:45 GMT 1998 PICS Start Patrol
Mon Apr 6 20:36:45 GMT 1998 PICS Start Patrol

COMMENT: Mon Apr 6 20:38:22 GMT 1998

Now going down to GONG.

Mon Apr 6 21:01:04 GMT 1998 CHIP Bias
Mon Apr 6 21:02:07 GMT 1998 CHIP End Bias
Mon Apr 6 21:02:17 GMT 1998 PICS Flat
Mon Apr 6 21:02:17 GMT 1998 PICS Flat

COMMENT: Mon Apr 6 21:03:04 GMT 1998

Back from GONG.

Mon Apr 6 21:03:09 GMT 1998 CHIP End Water
Mon Apr 6 21:03:50 GMT 1998 PICS End Flat
Mon Apr 6 22:00:08 GMT 1998 PICS Flat
Mon Apr 6 22:01:01 GMT 1998 CHIP Bias
Mon Apr 6 22:01:38 GMT 1998 PICS End Flat

Mon Apr 6 22:02:02 GMT 1998 CHIP End Bias
Mon Apr 6 22:02:16 GMT 1998 CHIP Water
Mon Apr 6 22:03:09 GMT 1998 CHIP End Water
Mon Apr 6 22:06:36 GMT 1998 PICS End Patrol
Mon Apr 6 22:06:51 GMT 1998 CHIP CHIP End Patrol
Mon Apr 6 22:08:05 GMT 1998 CHIP ending tape
COMMENT: Mon Apr 6 22:12:11 GMT 1998

Tapes:

MKIII: H01792
PICS: P01161
CHIP: C00550
LOWL: L00505
Mon Apr 6 22:13:11 GMT 1998
MkIII

16_55.rawmk3	17_57.rawmk3	19_10.rawmk3	20_11.rawmk3	21_20.rawmk3
16_58.rawmk3	18_00.rawmk3	19_13.rawmk3	20_14.rawmk3	21_23.rawmk3
17_01.rawmk3	18_03.rawmk3	19_15.rawmk3	20_17.rawmk3	21_26.rawmk3
17_04.rawmk3	18_05.rawmk3	19_18.rawmk3	20_20.rawmk3	21_29.rawmk3
17_07.rawmk3	18_08.rawmk3	19_21.rawmk3	20_23.rawmk3	21_32.rawmk3
17_10.rawmk3	18_16.rawmk3	19_24.rawmk3	20_26.rawmk3	21_35.rawmk3
17_13.rawmk3	18_22.rawmk3	19_27.rawmk3	20_36.rawmk3	21_38.rawmk3
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17_22.rawmk3	18_34.rawmk3	19_36.rawmk3	20_45.rawmk3	21_46.rawmk3
17_25.rawmk3	18_37.rawmk3	19_39.rawmk3	20_48.rawmk3	21_49.rawmk3
17_27.rawmk3	18_40.rawmk3	19_42.rawmk3	20_51.rawmk3	21_52.rawmk3
17_30.rawmk3	18_43.rawmk3	19_45.rawmk3	20_54.rawmk3	21_55.rawmk3
17_33.rawmk3	18_46.rawmk3	19_48.rawmk3	20_57.rawmk3	21_58.rawmk3
17_36.rawmk3	18_49.rawmk3	19_50.rawmk3	21_00.rawmk3	22_01.rawmk3
17_39.rawmk3	18_52.rawmk3	19_53.rawmk3	21_03.rawmk3	22_04.rawmk3
17_42.rawmk3	18_55.rawmk3	19_56.rawmk3	21_05.rawmk3	22_07.rawmk3
17_45.rawmk3	18_58.rawmk3	19_59.rawmk3	21_08.rawmk3	c18_13.rawmk3
17_48.rawmk3	19_01.rawmk3	20_02.rawmk3	21_11.rawmk3	c18_19.rawmk3
17_51.rawmk3	19_04.rawmk3	20_05.rawmk3	21_14.rawmk3	c18_25.rawmk3
17_54.rawmk3	19_07.rawmk3	20_08.rawmk3	21_17.rawmk3	