
Mauna Loa Solar Observatory Observer's Log

Fri Nov 27 16:48:10 GMT 1998

Year: 98 Doy: 331

Observer: yasukawa

WEATHER COMMENT: Fri Nov 27 16:48:27 GMT 1998

Cool, clear, light south wind.

LOW-L COMMENT: Fri Nov 27 16:49:24 GMT 1998

L00558 popped out this morning. Cleaned drive 0. Loaded L00560 into drive. Data writing to L00559 in drive 1.

Fri Nov 27 17:01:41 GMT 1998 CHIP Startup--Initializing new tape

COMMENT: Fri Nov 27 17:02:00 GMT 1998

Waiting for sky tx telescope to clear dome wall.

Fri Nov 27 17:08:44 GMT 1998 CHIP CHIP Start Patrol

Fri Nov 27 17:08:44 GMT 1998 CHIP CHIP Start Patrol

PSPT PROBLEM Fri Nov 27 17:12:34 GMT 1998

PSPT spar is not at stow position this morning, rather pointing to around 2000 UT position. Set thermoprinter to 1 minute cadence.

PSPT PROBLEM Fri Nov 27 17:36:07 GMT 1998

Startup stalled in "initializing focus" procedure. Stopped thermoprinter. Alerted Haosheng via email.

Fri Nov 27 17:37:58 GMT 1998 MKIII Start Patrol

MKIII COMMENT: Fri Nov 27 17:39:01 GMT 1998

Got preoccupied with PSPT, forgot to start MKIII/IV until now.

Fri Nov 27 18:00:32 GMT 1998 PICS Flat

Fri Nov 27 18:02:07 GMT 1998 PICS End Flat

Fri Nov 27 18:02:50 GMT 1998 CHIP Bias

Fri Nov 27 18:03:52 GMT 1998 MKIII Start Cal

Fri Nov 27 18:03:42 GMT 1998 CHIP End Bias

Fri Nov 27 18:04:03 GMT 1998 CHIP Water

Fri Nov 27 18:04:43 GMT 1998 CHIP End Water

MKIV COMMENT: Fri Nov 27 18:11:20 GMT 1998

Running a Cal/Correct/Cal series.

Fri Nov 27 18:24:04 GMT 1998 MKIII Start Correct

Fri Nov 27 18:25:47 GMT 1998 MKIII Start Cal

Fri Nov 27 18:45:50 GMT 1998 MKIII Start Patrol

MKIV PROBLEM Fri Nov 27 18:55:33 GMT 1998

There is still streaks around the outer corona after the cal/correct/cal series.

Fri Nov 27 19:00:33 GMT 1998 PICS Flat

Fri Nov 27 19:02:00 GMT 1998 PICS End Flat

Fri Nov 27 19:02:00 GMT 1998 PICS End Flat

Fri Nov 27 19:02:58 GMT 1998 CHIP End Bias

Fri Nov 27 19:03:07 GMT 1998 CHIP Water

Fri Nov 27 19:03:46 GMT 1998 CHIP End Water

Fri Nov 27 20:00:35 GMT 1998 PICS Flat

Fri Nov 27 20:01:49 GMT 1998 CHIP Gain

Fri Nov 27 20:02:05 GMT 1998 PICS End Flat
Fri Nov 27 20:06:13 GMT 1998 CHIP End Gain
Fri Nov 27 20:06:43 GMT 1998 CHIP Bias
Fri Nov 27 20:07:37 GMT 1998 CHIP End Bias
Fri Nov 27 20:07:47 GMT 1998 CHIP Water
Fri Nov 27 20:08:22 GMT 1998 CHIP End Water

PSPT PROBLEM Fri Nov 27 20:49:21 GMT 1998

Haosheng prompted me over the phone on the procedure to check the focus negative limit (home) status and to get off of it. Run program worked after the fix up to where it tried to point to the sun. Pointing was off, maybe because the spar did not stow at home last night. I went thru the ephemeris program calibration procedure to fix that. Run is now working.

PSPT PROBLEM Fri Nov 27 20:58:46 GMT 1998

Run program appears to be stuck in one of the dark scan routines. Sparc message is "Image intensity too low."

Fri Nov 27 21:00:33 GMT 1998 PICS Flat
Fri Nov 27 21:02:00 GMT 1998 PICS End Flat
Fri Nov 27 21:02:49 GMT 1998 CHIP Bias
Fri Nov 27 21:03:43 GMT 1998 CHIP End Bias
Fri Nov 27 21:03:53 GMT 1998 CHIP Water
Fri Nov 27 21:04:32 GMT 1998 CHIP End Water

PSPT PROBLEM Fri Nov 27 21:32:59 GMT 1998

Called Haosheng at vacuum tower and we went thru a bunch of commands to determine what the problem was. Found that the shutter was stuck open--shutter LED on controller was on, it normally just flashes when the shutter is activated. Cycling power did not fix it, but pressing Reset switch did. Continued Observing program from IDL. Program is running OK.

MKIV PROBLEM Fri Nov 27 21:47:14 GMT 1998

While troubleshooting PSPT, I did not notice that MKIII/IV had crashed. Last xanim image is 2042.

Appears kcc needs a reset.

Fri Nov 27 21:51:11 GMT 1998

MkIII

Fri Nov 27 21:54:17 GMT 1998 MKIII Start Patrol

MKIV COMMENT: Fri Nov 27 21:54:28 GMT 1998

did a Pau/Run cycle but that did not fix crash. Cycled power to KCC. That fixed crash. Had to fix logs. There may be CHIP entries that did not make it onto the fixed log.

Fri Nov 27 22:00:42 GMT 1998 PICS Flat
Fri Nov 27 22:01:50 GMT 1998 CHIP Bias
Fri Nov 27 22:02:06 GMT 1998 PICS End Flat
Fri Nov 27 22:02:40 GMT 1998 CHIP End Bias
Fri Nov 27 22:02:53 GMT 1998 CHIP Water
Fri Nov 27 22:03:39 GMT 1998 CHIP End Water
Fri Nov 27 22:06:31 GMT 1998 CHIP CHIP End Patrol

Fri Nov 27 22:06:38 GMT 1998 PICS End Patrol
Fri Nov 27 22:07:26 GMT 1998 CHIP ending tape
COMMENT: Fri Nov 27 22:08:22 GMT 1998

Tapes:

MKIV: MKIV-98331

PICS: P01344

CHIP: C00731

LOWL: L00559

Fri Nov 27 22:15:58 GMT 1998 MKIII End Patrol

Fri Nov 27 22:19:50 GMT 1998

MkIII

17_38.rawmk3	18_42.rawmk3	19_24.rawmk3	20_06.rawmk3	21_59.rawmk3
17_41.rawmk3	18_45.rawmk3	19_27.rawmk3	20_09.rawmk3	22_03.rawmk3
17_44.rawmk3	18_49.rawmk3	19_31.rawmk3	20_13.rawmk3	22_06.rawmk3
17_47.rawmk3	18_52.rawmk3	19_34.rawmk3	20_16.rawmk3	22_09.rawmk3
17_51.rawmk3	18_55.rawmk3	19_37.rawmk3	20_19.rawmk3	22_12.rawmk3
17_54.rawmk3	18_58.rawmk3	19_40.rawmk3	20_22.rawmk3	c18_04.rawmk3
17_57.rawmk3	19_02.rawmk3	19_44.rawmk3	20_26.rawmk3	c18_10.rawmk3
18_00.rawmk3	19_05.rawmk3	19_47.rawmk3	20_29.rawmk3	c18_17.rawmk3
18_07.rawmk3	19_08.rawmk3	19_50.rawmk3	20_32.rawmk3	c18_25.rawmk3
18_14.rawmk3	19_11.rawmk3	19_53.rawmk3	20_35.rawmk3	c18_32.rawmk3
18_20.rawmk3	19_15.rawmk3	19_56.rawmk3	20_38.rawmk3	c18_39.rawmk3
18_29.rawmk3	19_18.rawmk3	20_00.rawmk3	20_42.rawmk3	
18_35.rawmk3	19_21.rawmk3	20_03.rawmk3	21_56.rawmk3	