
Mauna Loa Solar Observatory Observer's Log

Tue Dec 1 17:03:52 GMT 1998

Year: 98 Doy: 335

Observer: yasukawa

WEATHER COMMENT: Tue Dec 1 17:04:53 GMT 1998

Cold, broken cirrus, strong southeast wind approximately 30 mph.

Tue Dec 1 17:06:23 GMT 1998 CHIP Startup--Initializing new tape

Tue Dec 1 17:11:12 GMT 1998 CHIP CHIP Start Patrol

Tue Dec 1 17:11:27 GMT 1998 PICS Start Patrol

Tue Dec 1 17:11:58 GMT 1998 MKIII Start Patrol

LOW-L PROBLEM: Tue Dec 1 17:23:12 GMT 1998

It is cold and I had a hard time getting out of bed this morning, apparently LOWL is having the same problem. It has not woke up yet. Unloading L00559 from drive 1, cleaning both drives, loading L00560 into drive 1 and restarting LOWL. Data should write to L00560 in drive 0.

MKIV PROBLEM: Tue Dec 1 17:28:41 GMT 1998

MKIV scan looks very streaky (radial streaks).

LOW-L PROBLEM: Tue Dec 1 17:29:31 GMT 1998

Time and date are 77/77/77 and 77:77:77.

LOWL did not wake up upon reset. Powering down and up.

LOW-L PROBLEM: Tue Dec 1 17:33:46 GMT 1998

Looks llike there is a problem with the CTS-10 board or antenna connection.

Tue Dec 1 18:00:34 GMT 1998 PICS Flat

Tue Dec 1 18:02:06 GMT 1998 PICS End Flat

Tue Dec 1 18:02:55 GMT 1998 CHIP Bias

WEATHER COMMENT: Tue Dec 1 18:03:35 GMT 1998

Thick and fairly extensive cirrus moved over. Stopping MKIII/IV.

Tue Dec 1 18:04:03 GMT 1998 CHIP Water

MKIII PROBLEM: Tue Dec 1 18:04:47 GMT 1998

Listened to barrel as requested by Alice. At this time, it sounds normal and the drive motor is running smoothly with no detectable vibration (jerkyness). Half-wave plate drive sounds OK.

Tue Dec 1 18:10:03 GMT 1998 MKIII End Patrol

Tue Dec 1 19:00:33 GMT 1998 PICS Flat

Tue Dec 1 19:01:54 GMT 1998 CHIP Bias

Tue Dec 1 19:02:03 GMT 1998 PICS End Flat

Tue Dec 1 19:02:50 GMT 1998 CHIP End Bias

Tue Dec 1 19:03:00 GMT 1998 CHIP Water

Tue Dec 1 19:03:38 GMT 1998 CHIP End Water

Tue Dec 1 19:27:32 GMT 1998 PICS End Patrol

Tue Dec 1 19:45:39 GMT 1998 PICS Start Patrol

WEATHER COMMENT: Tue Dec 1 19:48:45 GMT 1998

Cirrus thinning and breaking up.

Tue Dec 1 19:49:02 GMT 1998 MKIII Start Patrol

Tue Dec 1 20:00:49 GMT 1998 CHIP Gain
Tue Dec 1 20:01:36 GMT 1998 PICS Flat
Tue Dec 1 20:03:18 GMT 1998 PICS End Flat
Tue Dec 1 20:05:16 GMT 1998 CHIP End Gain
Tue Dec 1 20:05:31 GMT 1998 CHIP Bias
Tue Dec 1 20:06:25 GMT 1998 CHIP End Bias
Tue Dec 1 20:06:35 GMT 1998 CHIP Water
Tue Dec 1 20:07:10 GMT 1998 CHIP End Water

MKIV PROBLEM : Tue Dec 1 20:29:07 GMT 1998

MKIII image looks good, barrel running smoothly and wave-plate is too--checked waveform and timing is stable. MKIV is very streaky on KCC display. Monitor scope waveform looks OK.

WEATHER COMMENT: Tue Dec 1 20:32:10 GMT 1998
Clear hole.

LOW-L PROBLEM : Tue Dec 1 20:33:37 GMT 1998

LOWL is running, time and date is OK now. Unsure what happened and when.
Data is writing to L00560 in drive 0.

LOW-L COMMENT: Tue Dec 1 20:35:23 GMT 1998

Some of the funny numbers are residually still up on the display beyond the correct date and time. Only a cosmetic problem.

Tue Dec 1 20:40:33 GMT 1998 MKIII Start Cal
Tue Dec 1 21:00:42 GMT 1998 MKIII Start Patrol
Tue Dec 1 21:01:34 GMT 1998 PICS Flat
Tue Dec 1 21:01:50 GMT 1998 CHIP Bias
Tue Dec 1 21:02:43 GMT 1998 CHIP End Bias
Tue Dec 1 21:02:53 GMT 1998 CHIP Water
Tue Dec 1 21:03:10 GMT 1998 PICS End Flat
Tue Dec 1 21:03:32 GMT 1998 CHIP End Water

LOW-L PROBLEM : Tue Dec 1 21:10:24 GMT 1998

Time is off by +1 hour.

LOW-L PROBLEM : Tue Dec 1 21:12:48 GMT 1998

Stopping LOWL and checking out time.

LOW-L PROBLEM : Tue Dec 1 21:16:06 GMT 1998

reset PC and restarting tape. Time now OK.

WEATHER COMMENT: Tue Dec 1 21:33:28 GMT 1998
In cirrus again.

Tue Dec 1 21:39:21 GMT 1998 MKIII End Patrol

COMMENT: Tue Dec 1 21:39:51 GMT 1998

Spar bumped into my barrel listening post (ladder).

Tue Dec 1 21:57:32 GMT 1998 MKIII Start Patrol
Tue Dec 1 22:01:25 GMT 1998 PICS Flat
Tue Dec 1 22:01:48 GMT 1998 CHIP Bias
Tue Dec 1 22:02:51 GMT 1998 PICS End Flat
Tue Dec 1 22:03:00 GMT 1998 CHIP End Bias
Tue Dec 1 22:03:10 GMT 1998 CHIP Water
Tue Dec 1 22:03:49 GMT 1998 CHIP End Water

MKIV PROBLEM : Tue Dec 1 22:08:57 GMT 1998
David called, we tried entering the following onto akamai:

vsync

flcStart

then started MKIV up again... it was on standby due to cirrus.
Still getting radial streaks. David will take a look at the data
and leave us email on a solution, if any, or a means to check
the synchronization with the 1/2-wave plate using a PC monitor
hooked up to the MKIV signal.

MKIII End Patrol
Tue Dec 1 22:11:48 GMT 1998 PICS End Patrol
Tue Dec 1 22:13:29 GMT 1998 CHIP CHIP End Patrol
Tue Dec 1 22:14:05 GMT 1998 CHIP ending tape
COMMENT: Tue Dec 1 22:14:35 GMT 1998

TAPES:

MKIV: 98-335
PICS: P01347
CHIP: C00734
LOWL: L00560

Tue Dec 1 22:17:25 GMT 1998
MkIII

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| 17_12.rawmk3 | 17_50.rawmk3 | 20_08.rawmk3 | 20_57.rawmk3 | 21_36.rawmk3 |
| 17_15.rawmk3 | 17_54.rawmk3 | 20_11.rawmk3 | 21_00.rawmk3 | 21_57.rawmk3 |
| 17_18.rawmk3 | 17_57.rawmk3 | 20_14.rawmk3 | 21_04.rawmk3 | 22_02.rawmk3 |
| 17_21.rawmk3 | 18_00.rawmk3 | 20_18.rawmk3 | 21_07.rawmk3 | 22_05.rawmk3 |
| 17_25.rawmk3 | 18_03.rawmk3 | 20_21.rawmk3 | 21_10.rawmk3 | 22_08.rawmk3 |
| 17_28.rawmk3 | 18_06.rawmk3 | 20_24.rawmk3 | 21_13.rawmk3 | c20_40.rawmk3 |
| 17_31.rawmk3 | 19_49.rawmk3 | 20_27.rawmk3 | 21_16.rawmk3 | c20_47.rawmk3 |
| 17_34.rawmk3 | 19_52.rawmk3 | 20_30.rawmk3 | 21_20.rawmk3 | c20_54.rawmk3 |
| 17_37.rawmk3 | 19_55.rawmk3 | 20_34.rawmk3 | 21_23.rawmk3 | |
| 17_41.rawmk3 | 19_58.rawmk3 | 20_37.rawmk3 | 21_26.rawmk3 | |
| 17_44.rawmk3 | 20_01.rawmk3 | 20_43.rawmk3 | 21_29.rawmk3 | |
| 17_47.rawmk3 | 20_05.rawmk3 | 20_50.rawmk3 | 21_33.rawmk3 | |