
Mauna Loa Solar Observatory Observer's Log

Tue Apr 7 16:44:12 GMT 1998

Year: 98 Doy: 097

Observer: yasukawa

WEATHER COMMENT: Tue Apr 7 16:44:51 GMT 1998

Cool, clear, brisk southeast wind.

Tue Apr 7 16:49:01 GMT 1998 CHIP Startup--Initializing new tape

Tue Apr 7 16:54:17 GMT 1998 PICS Start Patrol

Tue Apr 7 16:54:38 GMT 1998 MKIII Start Patrol

Tue Apr 7 16:54:35 GMT 1998 CHIP CHIP Start Patrol

LOW-L COMMENT: Tue Apr 7 17:01:16 GMT 1998

L00505 popped out as it should have. Data writing to L00506 in unit 1.

Cleaned drive 0, loaded L00507.

Tue Apr 7 17:02:08 GMT 1998 CHIP End Bias

Tue Apr 7 17:02:18 GMT 1998 CHIP Water

Tue Apr 7 17:02:24 GMT 1998 PICS Flat

Tue Apr 7 17:03:01 GMT 1998 CHIP End Water

Tue Apr 7 17:03:52 GMT 1998 PICS End Flat

MKIII COMMENT: Tue Apr 7 17:46:24 GMT 1998

Noticed Exabyte drive bombed. Getting 'wrote 0 records' and it is stuck in

Write. Unloading tape H01793, stopping scans, resetting KCC, and

starting Patrol over on H01794.

MKIII COMMENT: Tue Apr 7 17:49:40 GMT 1998

*** Recycling H01788, H01789, H01790, H01791, and H01792 ***

Tue Apr 7 17:56:24 GMT 1998 MKIII Start Patrol

Tue Apr 7 18:00:13 GMT 1998 PICS Flat

Tue Apr 7 18:01:03 GMT 1998 CHIP Bias

Tue Apr 7 18:01:47 GMT 1998 PICS End Flat

Tue Apr 7 18:02:06 GMT 1998 CHIP End Bias

Tue Apr 7 18:02:15 GMT 1998 CHIP Water

Tue Apr 7 18:03:02 GMT 1998 CHIP End Water

Tue Apr 7 18:17:04 GMT 1998 MKIII Start Cal

MKIII COMMENT: Tue Apr 7 18:35:52 GMT 1998

I am noticing a subtle whine in the dome. Half-wave plate motor

seems to be the source. It is running hot. Upon inspection of analog

monitor traces, I can see a slight variation in frequency, indicating

that the bearings in the motor are getting bad again. I will change out

the innards (rotor assembly) with the one from the spare to avoid

having to rewire the darn thing.

Tue Apr 7 19:00:18 GMT 1998 PICS Flat

Tue Apr 7 19:01:13 GMT 1998 CHIP Bias

Tue Apr 7 19:01:45 GMT 1998 PICS End Flat

Tue Apr 7 19:02:28 GMT 1998 CHIP End Bias

Tue Apr 7 19:02:38 GMT 1998 CHIP Water

Tue Apr 7 19:03:22 GMT 1998 CHIP End Water
MKIII COMMENT: Tue Apr 7 19:09:44 GMT 1998
Motor sounds OK now. Analog trace is still jittery, but that is just
a sync jitter, not frequency variation.

Start Patrol
Tue Apr 7 19:42:18 GMT 1998 PICS End Patrol
Tue Apr 7 19:42:36 GMT 1998 CHIP CHIP End Patrol
COMMENT: Tue Apr 7 19:47:51 GMT 1998
reconfiguring dome shutter.
Tue Apr 7 20:11:38 GMT 1998 MKIII Start Patrol
Tue Apr 7 20:11:46 GMT 1998 CHIP CHIP Start Patrol
COMMENT: Tue Apr 7 20:11:54 GMT 1998

I was writing some email about the motor failure while reconfiguring
the dome. Got carried away and forgot to restart obs.
PICS COMMENT: Tue Apr 7 20:54:14 GMT 1998
PICS did not initialize. Again, I went back to composing that email
after starting the systems and got preoccupied. I did not catch the
PICS crash.

Tue Apr 7 20:55:43 GMT 1998 PICS Start Patrol
Tue Apr 7 20:58:17 GMT 1998 PICS Start Patrol
Tue Apr 7 21:00:37 GMT 1998 PICS Flat
Tue Apr 7 21:02:05 GMT 1998 PICS End Flat
Tue Apr 7 21:03:02 GMT 1998 CHIP Bias
Tue Apr 7 21:04:20 GMT 1998 CHIP End Bias
Tue Apr 7 21:04:33 GMT 1998 CHIP Water
Tue Apr 7 21:05:22 GMT 1998 CHIP End Water
Tue Apr 7 22:01:16 GMT 1998 PICS Flat
Tue Apr 7 22:02:46 GMT 1998 PICS End Flat
Tue Apr 7 22:03:02 GMT 1998 CHIP Bias
Tue Apr 7 22:04:03 GMT 1998 CHIP End Bias
Tue Apr 7 22:04:18 GMT 1998 CHIP Water
Tue Apr 7 22:05:08 GMT 1998 CHIP End Water
Tue Apr 7 22:07:45 GMT 1998 PICS End Patrol
Tue Apr 7 22:08:46 GMT 1998 CHIP CHIP End Patrol
Tue Apr 7 22:09:18 GMT 1998 CHIP ending tape
COMMENT: Tue Apr 7 22:12:07 GMT 1998

Tapes:

MKIII: H01793, H01794
PICS: P01162
CHIP: C00551
LOWL: L00506
Tue Apr 7 22:13:18 GMT 1998
MkIII

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|--------------|--------------|--------------|--------------|--------------|
| 16_54.rawmk3 | 17_44.rawmk3 | 19_25.rawmk3 | 20_40.rawmk3 | 21_30.rawmk3 |
| 16_57.rawmk3 | 17_47.rawmk3 | 19_28.rawmk3 | 20_43.rawmk3 | 21_33.rawmk3 |
| 17_00.rawmk3 | 17_50.rawmk3 | 19_31.rawmk3 | 20_46.rawmk3 | 21_36.rawmk3 |

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|--------------|--------------|--------------|--------------|---------------|
| 17_03.rawmk3 | 17_56.rawmk3 | 19_34.rawmk3 | 20_49.rawmk3 | 21_39.rawmk3 |
| 17_06.rawmk3 | 17_59.rawmk3 | 19_37.rawmk3 | 20_52.rawmk3 | 21_42.rawmk3 |
| 17_09.rawmk3 | 18_02.rawmk3 | 19_40.rawmk3 | 20_55.rawmk3 | 21_45.rawmk3 |
| 17_12.rawmk3 | 18_05.rawmk3 | 19_43.rawmk3 | 20_58.rawmk3 | 21_48.rawmk3 |
| 17_15.rawmk3 | 18_20.rawmk3 | 20_11.rawmk3 | 21_01.rawmk3 | 21_51.rawmk3 |
| 17_18.rawmk3 | 18_26.rawmk3 | 20_14.rawmk3 | 21_04.rawmk3 | 21_53.rawmk3 |
| 17_21.rawmk3 | 18_32.rawmk3 | 20_17.rawmk3 | 21_07.rawmk3 | 21_56.rawmk3 |
| 17_24.rawmk3 | 18_35.rawmk3 | 20_20.rawmk3 | 21_10.rawmk3 | 21_59.rawmk3 |
| 17_27.rawmk3 | 18_38.rawmk3 | 20_23.rawmk3 | 21_13.rawmk3 | 22_02.rawmk3 |
| 17_29.rawmk3 | 19_11.rawmk3 | 20_26.rawmk3 | 21_15.rawmk3 | 22_05.rawmk3 |
| 17_32.rawmk3 | 19_13.rawmk3 | 20_29.rawmk3 | 21_18.rawmk3 | c18_17.rawmk3 |
| 17_35.rawmk3 | 19_16.rawmk3 | 20_32.rawmk3 | 21_21.rawmk3 | c18_23.rawmk3 |
| 17_38.rawmk3 | 19_19.rawmk3 | 20_35.rawmk3 | 21_24.rawmk3 | c18_29.rawmk3 |
| 17_41.rawmk3 | 19_22.rawmk3 | 20_38.rawmk3 | 21_27.rawmk3 | |