
Mauna Loa Solar Observatory Observer's Log

Sun Jul 15 17:10:38 GMT 2007

Year: 07 Doy: 196

Observer: koon

WEATHER COMMENT: Sun Jul 15 17:10:40 GMT 2007

Clear sky, wind=5 mph from the East, temp=50F.

____end____

COMMENT: Sun Jul 15 17:11:22 GMT 2007

I started PICS and CHIP a while ago, I didn't start the log with the "run" command because I wanted to change the Max Video 200 board in KCC first, see below.

____end____

MKIV PROBLEM: Sun Jul 15 17:12:45 GMT 2007

We received the Max Video 200 board, I removed the old board from KCC and was going to swap in the new board before starting up KCC and doing a "run", but I ran into a slight problem. The new board has one more sim board on it compared to the old board, and more importantly it has another large board connected and on "stand-offs" from the main board compared to the old board. It is difficult to separate the boards and I'm not sure I should run the video board with that 2nd board on it. I'll send off email about it, it may have to wait until tomorrow to be tested. No mk4 obs for now.

____end____

MKIV PROBLEM: Sun Jul 15 17:17:45 GMT 2007

That 2nd board is labeled "Advanced Processor".

____end____

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sun Jul 15 17:40:51 GMT 2007

PSPT COMMENT: Sun Jul 15 17:48:40 GMT 2007

Obs.

____end____

Sun Jul 15 18:00:16 GMT 2007	PICS	Flat
Sun Jul 15 18:02:37 GMT 2007	PICS	End Flat
Sun Jul 15 18:02:45 GMT 2007	CHIP	LSD
Sun Jul 15 18:02:44 GMT 2007	PICS	ReStart Patrol
Sun Jul 15 18:04:34 GMT 2007	CHIP	End LSD
Sun Jul 15 18:04:44 GMT 2007	CHIP	BiasLSD
Sun Jul 15 18:05:40 GMT 2007	CHIP	End BiasLSD
Sun Jul 15 18:05:49 GMT 2007	CHIP	Bias
Sun Jul 15 18:06:42 GMT 2007	CHIP	End Bias
Sun Jul 15 18:06:51 GMT 2007	CHIP	ReStart Patrol

COMMENT: Sun Jul 15 20:19:32 GMT 2007

Extended the dome slot.

____end____

WEATHER COMMENT: Mon Jul 16 01:16:55 GMT 2007

Getting some low clouds.

____end____

MKIV PROBLEM: Mon Jul 16 01:17:05 GMT 2007

David sent a message that it should be OK to try the new board with the extra

SIM and additional Module board. So I tried it but got the error message:

workQPanic : kernel work queue overflow

then it would autoboot again, and that whole pattern kept repeating until I turned off the KCC power. I removed the new board and rechecked everything, the DIP switches match the old main board, there aren't any jumpers, but the 1st little board in from the big connector, at slot P27, was different on the new main board. That little board is connected via ribbon cable to the connector, it seems like a permanent connection. I'd like to try that board and connector pair from the old main board on the new main board, I emailed David and others to see what they think, I won't try it until I get a reply, to be safe.

____end____

Mon Jul 16 02:01:35 GMT 2007 PICS End Patrol

MKIV PROBLEM: Mon Jul 16 01:54:28 GMT 2007

OK, a little progress, swapping the old big ribbon connector and the little board to which it is hardwired with the same assembly on the new main Video

200 board allowed the GUI screen to look like normal and the startup script to get further but not normal yet. There is an error message:
workQPanic : kernel work queue overflow
then it autoboots, that repeats like before, and the GUI screen changes colors. That's it for now, I'm going to head down for today. Give me a call at home if there are any questions.

___end___

Mon Jul 16 02:37:49 GMT 2007 CHIP End Patrol

MKIV PROBLEM : Mon Jul 16 02:42:03 GMT 2007

Tried one more thing. Reassembled the old and new boards as they were originally, installed the new board into the KCC, still get workQPanic error message followed by autobooting, repeatedly. But now the GUI screen looks normal, not sure why, the first time when it looked grey I turned on the GUI monitor after the KCC was turned on, that's the only difference I think.

___end___

NICE PICSDISC IMAGE: 1723

NICE PICSLIMB IMAGE: 1839

NICE CHIP IMAGE: 1717

Mon Jul 16 02:48:06 GMT 2007

MkIV