
Mauna Loa Solar Observatory Observer's Log

Mon Jul 28 16:27:35 GMT 2008

Year: 08 Doy: 210

Observer: yasukawa

WEATHER COMMENT: Mon Jul 28 16:28:32 GMT 2008

In broken cirrus, SE wind 32 mph, temp 41 F.

Waiting for winds to slow before opening domes. Cloud cover will make data marginal anyway.

____end____

Mon Jul 28 16:45:58 GMT 2008 MKIV Start Patrol

MKIV COMMENT: Mon Jul 28 16:54:46 GMT 2008

Running tests with dome closed. Alice just loaded test code, stopping and resetting KCC.

____end____

Mon Jul 28 16:58:16 GMT 2008 MKIV End Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Mon Jul 28 17:43:07 GMT 2008

WEATHER COMMENT: Mon Jul 28 18:30:41 GMT 2008

Windspeed has dropped dramatically to 4 mph from SW. Opening domes.

____end____

Mon Jul 28 18:38:47 GMT 2008 CHIP Start Patrol

Mon Jul 28 18:38:58 GMT 2008 PICS Start Patrol

MKIV COMMENT: Mon Jul 28 18:39:38 GMT 2008

Alice has restored working code after several tests. Reset KCC to load working code.

____end____

PSPT COMMENT: Mon Jul 28 18:41:05 GMT 2008

Starting up.

____end____

WEATHER COMMENT: Mon Jul 28 18:41:26 GMT 2008

Still in broken cirrus.

____end____

Mon Jul 28 18:42:41 GMT 2008 MKIV Start Patrol

PICS PROBLEM Mon Jul 28 18:43:46 GMT 2008

Occulting wheel flaky. Reset MCC.

____end____

Mon Jul 28 18:44:57 GMT 2008 CHIP End Patrol

PICS PROBLEM Mon Jul 28 18:48:01 GMT 2008

That did not work. Stopped PICS and CHIP, cycle power to MCC, killed PICS program and restarted Run.

____end____

Mon Jul 28 18:49:20 GMT 2008 CHIP Start Patrol

PSPT COMMENT: Mon Jul 28 18:49:31 GMT 2008

Observing

____end____

Mon Jul 28 18:50:34 GMT 2008 PICS Start Patrol

Mon Jul 28 18:52:04 GMT 2008 PICS End Patrol

****PICS PROBLEM****: Mon Jul 28 18:53:12 GMT 2008
Appears to be occulting wheel problem. Checking things out.
____end____

****PICS PROBLEM****: Mon Jul 28 19:06:27 GMT 2008
Occulting wheel cannot find requested position and is timing out.
Checking status codes.
____end____

****PICS PROBLEM****: Mon Jul 28 19:12:32 GMT 2008
Codes OK, HEIs are working. PICS occulting wheel is now working OK moving
to correct stations. NOT sure why it wasn't during Patrol and with
hand controller upstairs. Buttoning up the occulting wheel hatches and
stowing the QTerm hand controller.
____end____

Mon Jul 28 19:17:43 GMT 2008 PICS Start Patrol

****CHIP PROBLEM****: Mon Jul 28 19:20:38 GMT 2008
CHIP stalled, possibly due to MCC reset. Killed WaitOpti and it restarted.
____end____

****PICS PROBLEM****: Mon Jul 28 19:21:32 GMT 2008
PICS working OK for now. Only thing I can think of would be that there was
some debris on one or more of the HEI encoder sensors that confused the
status circuits and the debris fell off (or crawled away) while I was
diddling around upstairs.
____end____

Mon Jul 28 19:30:26 GMT 2008 CHIP End Patrol

****CHIP PROBLEM****: Mon Jul 28 19:30:32 GMT 2008
CHIP stalled again. Killing and restarting this time.
____end____

Mon Jul 28 19:32:35 GMT 2008 CHIP Start Patrol
WEATHER COMMENT: Mon Jul 28 19:35:17 GMT 2008
Cirrus thinned, attempting calibration.
____end____

Mon Jul 28 19:35:58 GMT 2008 MKIV End Patrol

Mon Jul 28 19:36:02 GMT 2008 MKIV Start Cal

GONG COMMENT: Mon Jul 28 19:44:53 GMT 2008

OK, looks like everyone is behaving (except the weather) so I'll go down
to GONG and do the weekly PM.
____end____

Mon Jul 28 19:54:46 GMT 2008 MKIV End Cal

Mon Jul 28 19:54:57 GMT 2008 MKIV Start Patrol

****GONG PROBLEM****: Mon Jul 28 20:26:41 GMT 2008
Menahunes are having a field day today. GONG GPS display was flashing. Cycled
power. That didn't fix the blinking but it crashed the Data computer.
Data computer won't restart. Alerting GONG for solution.
____end____

NICE MK4 IMAGE: 1918

NICE CHIP IMAGE: 1849

NICE PICSLIMB IMAGE: 1921

NICE PICSDISC IMAGE: 1920

WEATHER COMMENT: Mon Jul 28 20:51:25 GMT 2008

Clear sky.

____end____

Mon Jul 28 20:53:56 GMT 2008 MKIV End Patrol

Mon Jul 28 20:54:01 GMT 2008 MKIV Start Cal

Mon Jul 28 21:13:38 GMT 2008 MKIV End Cal

****GONG PROBLEM****: Mon Jul 28 21:31:18 GMT 2008

Going back down to GONG to perform a requested check on the GPS.

____end____

****GONG PROBLEM****: Mon Jul 28 22:10:56 GMT 2008

Going down to GONG to swap the VME-ST board.

____end____

WEATHER COMMENT: Mon Jul 28 22:12:33 GMT 2008

On moderate cirrus.

____end____

****GONG PROBLEM****: Mon Jul 28 22:13:06 GMT 2008

Waiting to go down to GONG, MLSO spar is transiting zenith and dome rotation needs attention right now.

____end____

Mon Jul 28 22:21:17 GMT 2008 MKIV End Patrol

Mon Jul 28 22:38:30 GMT 2008 MKIV Start Patrol

****GONG PROBLEM****: Mon Jul 28 22:49:32 GMT 2008

OK, dome is in west-facing position. Going down to GONG now, they changed their mind and decided I should swap out the GPS unit rather than the VME-ST board.

____end____

****GONG PROBLEM****: Mon Jul 28 23:40:52 GMT 2008

Back from GONG while waiting for GPS to acquire time.

____end____

****PICS PROBLEM****: Mon Jul 28 23:41:29 GMT 2008

PICS crashed while I was out. K/r

____end____

****GONG PROBLEM****: Mon Jul 28 23:54:14 GMT 2008

Going back down to GONG to determine if the swap worked and then to reset the instrument and data computers.

____end____

****GONG PROBLEM****: Tue Jul 29 00:21:34 GMT 2008

Back from GONG. GPS still not locked on, giving it more time. Will check on it later.

____end____

****GONG PROBLEM****: Tue Jul 29 00:41:04 GMT 2008

Going back down to GONG. They tried remote boot but apparently GPS is still not locked. They have more ideas for me to try.

____end____

****GONG PROBLEM****: Tue Jul 29 01:37:59 GMT 2008

Checked tracking stat on GPS unit and it was not tracking any satellites -- 00
Checked GPS antenna and there were no visible damage to the outside and seals appeared good, no moisture inside by connector. Swapped just the antenna

module with the spare. Did not swap cables, not enough time to route and secure it. When I left the shelter, it was still not tracking any satellites. Summary email sent to Tim and Gong_ops.

____end____

COMMENT: Tue Jul 29 01:41:58 GMT 2008

Gave brief tour to hiker who is waiting for her friend to come back down the trail.

____end____

Tue Jul 29 02:24:22 GMT 2008 CHIP End Patrol

Tue Jul 29 02:24:34 GMT 2008 PICS End Patrol

Tue Jul 29 02:29:06 GMT 2008 MKIV End Patrol

Tue Jul 29 02:34:40 GMT 2008

MkIV

00_01.rawmk4	01_33.rawmk4	19_06.rawmk4	20_47.rawmk4	22_59.rawmk4
00_04.rawmk4	01_35.rawmk4	19_09.rawmk4	20_50.rawmk4	23_02.rawmk4
00_07.rawmk4	01_38.rawmk4	19_12.rawmk4	21_04.rawmk4	23_04.rawmk4
00_10.rawmk4	01_41.rawmk4	19_15.rawmk4	21_10.rawmk4	23_07.rawmk4
00_13.rawmk4	01_44.rawmk4	19_18.rawmk4	21_13.rawmk4	23_10.rawmk4
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