
Mauna Loa Solar Observatory Observer's Log

Fri Jan 28 17:30:04 GMT 2005

Year: 05 Doy: 028

Observer: yasukawa

WEATHER COMMENT: Fri Jan 28 17:30:19 GMT 2005

Clear, S wind 7 mph, temp 33 F.

____end____

COMMENT: Fri Jan 28 17:30:49 GMT 2005

Nahenahe rebooted itself when I initially logged in this morning.

____end____

ECHO COMMENT: Fri Jan 28 17:31:42 GMT 2005

Time OK

____end____

Fri Jan 28 17:36:48 GMT 2005 CHIP Start Patrol

Fri Jan 28 17:36:58 GMT 2005 PICS Start Patrol

PSPT COMMENT: Fri Jan 28 17:37:00 GMT 2005

Starting up.

____end____

PSPT COMMENT: Fri Jan 28 17:47:45 GMT 2005

Observing.

____end____

MKIV COMMENT: Fri Jan 28 17:51:37 GMT 2005

Centering O1.

____end____

Fri Jan 28 17:52:02 GMT 2005 MKIV Start Patrol

Fri Jan 28 18:00:50 GMT 2005 CHIP LSD

Fri Jan 28 18:02:29 GMT 2005 PICS Flat

Fri Jan 28 18:02:40 GMT 2005 CHIP End LSD

Fri Jan 28 18:02:53 GMT 2005 CHIP BiasLSD

Fri Jan 28 18:03:49 GMT 2005 CHIP End BiasLSD

Fri Jan 28 18:04:02 GMT 2005 CHIP Bias

Fri Jan 28 18:04:52 GMT 2005 PICS End Flat

Fri Jan 28 18:04:59 GMT 2005 PICS ReStart Patrol

Fri Jan 28 18:05:02 GMT 2005 CHIP End Bias

Fri Jan 28 18:05:17 GMT 2005 CHIP ReStart Patrol

Fri Jan 28 18:52:21 GMT 2005 MKIV End Patrol

Fri Jan 28 18:52:26 GMT 2005 MKIV Start Cal

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri Jan 28 19:04:30 GMT 2005

NICE MK4 IMAGE: 1855

NICE CHIP IMAGE: 1856

Fri Jan 28 19:11:55 GMT 2005 MKIV Start Patrol

NICE PICSLIMB IMAGE: 1854

NICE PICSDISC IMAGE: 1856

MKIV PROBLEM: Fri Jan 28 20:02:56 GMT 2005

Getting Sparc prompt timeouts and no writes to hoike. Getting truncated files.

Stopping and restarting program (Pau/Run).

____end____

Fri Jan 28 20:07:47 GMT 2005

MkIV

Mauna Loa Solar Observatory Observer's Log

Fri Jan 28 20:08:08 GMT 2005

Year: 05 Doy: 028

Observer: yasukawa

Fri Jan 28 20:09:02 GMT 2005 MKIV Start Patrol

MKIV COMMENT: Fri Jan 28 20:09:05 GMT 2005

Centered O1.

____end____

****MKIV PROBLEM****: Fri Jan 28 20:16:58 GMT 2005

Still seeing truncated file message on console but current images are again being written to hoike and sparc prompt timeout messages on akamai are not appearing any more since pau/run cycle.

____end____

MKIV COMMENT: Fri Jan 28 21:09:36 GMT 2005

Centered O1.

____end____

Fri Jan 28 21:27:28 GMT 2005 MKIV End Patrol

Fri Jan 28 21:27:34 GMT 2005 MKIV Start Cal

****MKIV PROBLEM****: Fri Jan 28 21:31:56 GMT 2005

Alice fixed the truncated file problem.

Second calibration started unintentionally, either remotely, or I might have accidentally clicked the mouse while the cursor was on the gui cal button. Coffee cup warming plate switch is sitting very close to the akamai mouse and I just recently turned warmer on.

____end____

Fri Jan 28 21:46:03 GMT 2005 MKIV End Cal

Fri Jan 28 21:46:07 GMT 2005 MKIV Start Patrol

****PSPT PROBLEM****: Fri Jan 28 21:54:14 GMT 2005

Crashed at 2144 UT at (3/3) Taking CaK image. Killed and restarted.

____end____

WEATHER COMMENT: Fri Jan 28 21:56:37 GMT 2005

Sky bright and noisy.

____end____

MKIV COMMENT: Fri Jan 28 22:12:44 GMT 2005

Centered O1.

____end____

****MLSO PROBLEM****: Fri Jan 28 23:09:08 GMT 2005

By the way, Bunny turned off something that was causing delays in data transfers to kenobi yesterday. I didn't mention it earlier, but, there was no ftp window open on ECHO this morning and no red error message indicating data "Not Yet ftp'd" on the echosys gui. Looks like that

slowdown got fixed by Bunny's actions.

____end____

MKIV COMMENT: Sat Jan 29 00:01:35 GMT 2005

Centered O1.

____end____

Sat Jan 29 00:18:50 GMT 2005 PICS End Patrol

PICS PROBLEM : Sat Jan 29 00:15:00 GMT 2005

PICS is experiencing timing problems. Just noticing different occulting wheel stations in the disc images. David made some mods to the program today to do all of the optics changes simultaneously instead of sequentially on the \$Bin\Disc subroutine (Limb is done simultaneously) but the mods may not have been loaded yet today, needing a restart.

Ending Patrol and restarting (restarting from Run).

____end____

Sat Jan 29 00:24:01 GMT 2005 PICS Start Patrol

PSPT PROBLEM : Sat Jan 29 00:23:47 GMT 2005

Crashed at 2327 UT at Starting photometric CaK data. Killed and restarted.

____end____

PICS PROBLEM : Sat Jan 29 00:33:38 GMT 2005

I now see all mechanisms starting at the same time to change to h-alpha disc and possibly due to the mods or the reset or both, the camera is waiting for the occulting wheel to get to the clear station before capturing the image.

____end____

PICS PROBLEM : Sat Jan 29 01:31:29 GMT 2005

there were a couple of timing errors at 0100 UT, after the reset.

While watching the last disc image setup, I noticed the Halle filter experienced a timeout error in the way in. It must have gotten mostly in, though, because the disc image looked OK.

____end____

PSPT PROBLEM : Sat Jan 29 01:45:41 GMT 2005

Filter stage (halle) timed out several time on the way in but images looked OK. It is making it to the microswitches now -- no timeouts.

____end____

PICS PROBLEM : Sat Jan 29 01:49:17 GMT 2005

Filter stage might just be slow due to the uphill climb this time of day.

Status indicates it is IN (yellow to white) just after the timeout (red gui button) goes green (Filter stage OK) before the OUT is requested.

____end____

PICS PROBLEM : Sat Jan 29 01:57:31 GMT 2005

Timing off again. Filter stage performed OK, occulting wheel was at WEDGE (still in transit) when the camera took the image. Doing an End/Patrol cycle. ...Still quite puzzling.

____end____

Sat Jan 29 01:59:24 GMT 2005 PICS End Patrol

Sat Jan 29 02:00:49 GMT 2005 PICS Start Patrol

COMMENT: Sat Jan 29 02:05:08 GMT 2005

Exited hoike xanim screens and restarted with a d420

(display_four -num_imgs 20) to see only the last 20 images displayed.
the normal d4 hoike command displays all images and the long load times
and short display times get very annoying to do any troubleshooting
in the late afternoon. We can set it back later on.

____end____

COMMENT: Sat Jan 29 02:10:20 GMT 2005

Spar ran into ladder.

____end____

PICS PROBLEM: Sat Jan 29 02:17:01 GMT 2005

I think halle did not get all the way in on the 0215 disc image. I was
not watching the VCP at the time.

____end____

PICS PROBLEM: Sat Jan 29 02:18:26 GMT 2005

Watched the next disc image process--halle was not all the way in (hadn't
timed out, either) and the occulting wheel was still transiting to clear
when Camera went Busy. Timing is really screwy on these attempts.

Restarting Patrol.

____end____

Sat Jan 29 02:20:24 GMT 2005 PICS End Patrol

Sat Jan 29 02:21:03 GMT 2005 PICS Start Patrol

PICS PROBLEM: Sat Jan 29 02:21:35 GMT 2005

First loop worked OK after the Restart (End/Patrol cycle).

____end____

PICS PROBLEM: Sat Jan 29 02:24:36 GMT 2005

Timing OK on second loop.

____end____

PICS PROBLEM: Sat Jan 29 02:27:40 GMT 2005

Filter stage did not get all the way to the IN switch but was in for the
photo. Timeout indicated. Occulter finished its travel before photo.

Filter stage IN indicated before limb request tasks began. (3rd loop)

____end____

PICS PROBLEM: Sat Jan 29 02:30:33 GMT 2005

4th loop optics setup proceeded OK.

____end____

Sat Jan 29 02:32:53 GMT 2005 CHIP End Patrol

Sat Jan 29 02:34:13 GMT 2005 MKIV End Patrol

PICS PROBLEM: Sat Jan 29 02:33:55 GMT 2005

5th loop OK except for late but in halle filter (timeout).

____end____

Sat Jan 29 02:34:39 GMT 2005 PICS End Patrol

PICS PROBLEM: Sat Jan 29 02:40:44 GMT 2005

I forgot to look for any funny messages on the Console when images
were taken early. That would be the next thing to watch when the
timing problem next occurs.

____end____

Sat Jan 29 02:42:48 GMT 2005

MkIV

00_01.rawmk4	01_35.rawmk4	18_27.rawmk4	20_59.rawmk4	22_47.rawmk4
00_04.rawmk4	01_38.rawmk4	18_30.rawmk4	21_05.rawmk4	22_50.rawmk4
00_07.rawmk4	01_41.rawmk4	18_34.rawmk4	21_09.rawmk4	22_53.rawmk4
00_10.rawmk4	01_44.rawmk4	18_37.rawmk4	21_12.rawmk4	22_56.rawmk4
00_13.rawmk4	01_47.rawmk4	18_40.rawmk4	21_15.rawmk4	22_59.rawmk4
00_15.rawmk4	01_49.rawmk4	18_43.rawmk4	21_18.rawmk4	23_02.rawmk4
00_18.rawmk4	01_52.rawmk4	18_46.rawmk4	21_21.rawmk4	23_05.rawmk4
00_21.rawmk4	01_55.rawmk4	18_49.rawmk4	21_24.rawmk4	23_08.rawmk4
00_24.rawmk4	01_58.rawmk4	18_55.rawmk4	21_30.rawmk4	23_11.rawmk4
00_27.rawmk4	02_01.rawmk4	19_01.rawmk4	21_36.rawmk4	23_14.rawmk4
00_30.rawmk4	02_04.rawmk4	19_07.rawmk4	21_42.rawmk4	23_17.rawmk4
00_33.rawmk4	02_07.rawmk4	19_11.rawmk4	21_46.rawmk4	23_20.rawmk4
00_36.rawmk4	02_10.rawmk4	19_14.rawmk4	21_49.rawmk4	23_23.rawmk4
00_39.rawmk4	02_13.rawmk4	19_17.rawmk4	21_52.rawmk4	23_25.rawmk4
00_42.rawmk4	02_16.rawmk4	19_20.rawmk4	21_54.rawmk4	23_28.rawmk4
00_45.rawmk4	02_19.rawmk4	19_23.rawmk4	21_57.rawmk4	23_31.rawmk4
00_48.rawmk4	02_22.rawmk4	20_09.rawmk4	22_00.rawmk4	23_34.rawmk4
00_51.rawmk4	02_25.rawmk4	20_11.rawmk4	22_03.rawmk4	23_37.rawmk4
00_54.rawmk4	02_28.rawmk4	20_14.rawmk4	22_06.rawmk4	23_40.rawmk4
00_57.rawmk4	02_31.rawmk4	20_17.rawmk4	22_09.rawmk4	23_43.rawmk4
01_00.rawmk4	17_52.rawmk4	20_20.rawmk4	22_12.rawmk4	23_46.rawmk4
01_02.rawmk4	17_55.rawmk4	20_23.rawmk4	22_15.rawmk4	23_49.rawmk4
01_05.rawmk4	17_58.rawmk4	20_26.rawmk4	22_18.rawmk4	23_52.rawmk4
01_08.rawmk4	18_00.rawmk4	20_29.rawmk4	22_21.rawmk4	23_55.rawmk4
01_11.rawmk4	18_03.rawmk4	20_32.rawmk4	22_24.rawmk4	23_58.rawmk4
01_14.rawmk4	18_06.rawmk4	20_35.rawmk4	22_27.rawmk4	c18_52.rawmk4
01_17.rawmk4	18_09.rawmk4	20_38.rawmk4	22_30.rawmk4	c18_58.rawmk4
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01_29.rawmk4	18_21.rawmk4	20_53.rawmk4	22_41.rawmk4	c21_39.rawmk4
01_32.rawmk4	18_24.rawmk4	20_56.rawmk4	22_44.rawmk4	