
Mauna Loa Solar Observatory Observer's Log

Thu Dec 27 17:31:20 GMT 2001

Year: 01 Doy: 361

Observer: yasukawa

WEATHER COMMENT: Thu Dec 27 17:31:37 GMT 2001

Cool, scattered patches of thin cirrostratus, brisk southwest wind.

Thu Dec 27 17:38:42 GMT 2001 MKIV Start Patrol

Thu Dec 27 17:38:37 GMT 2001 CHIP Start Patrol

Thu Dec 27 17:38:42 GMT 2001 PICS Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Thu Dec 27 17:44:06 GMT 2001

PSPT COMMENT: Thu Dec 27 17:47:57 GMT 2001

Started observations.

Thu Dec 27 18:00:56 GMT 2001 CHIP LSD

Thu Dec 27 18:03:17 GMT 2001 CHIP End LSD

Thu Dec 27 18:03:22 GMT 2001 PICS Flat

Thu Dec 27 18:03:37 GMT 2001 CHIP BiasLSD

Thu Dec 27 18:04:36 GMT 2001 CHIP End BiasLSD

Thu Dec 27 18:04:50 GMT 2001 CHIP Bias

Thu Dec 27 18:05:51 GMT 2001 CHIP End Bias

Thu Dec 27 18:06:39 GMT 2001 PICS End Flat

**** EVENT COMMENT ****: Thu Dec 27 18:22:48 GMT 2001

CME occurring at PA 240-260 since startup this morning, first complete images at 1747 UT.

PICS PROBLEM : Thu Dec 27 18:24:50 GMT 2001

Something is happening to PICS, images look very vignetted or washed out. Investigating.

PICS PROBLEM : Thu Dec 27 18:28:13 GMT 2001

I may have crashed PICS, restarting it.

Thu Dec 27 18:31:37 GMT 2001 PICS Start Patrol

Thu Dec 27 18:33:20 GMT 2001 PICS End Patrol

Thu Dec 27 19:02:14 GMT 2001 CHIP LSD

Thu Dec 27 19:04:31 GMT 2001 CHIP End LSD

Thu Dec 27 19:04:39 GMT 2001 CHIP BiasLSD

PICS PROBLEM : Thu Dec 27 19:02:05 GMT 2001

I've tried exercising the PICS mechanisms and they all appear to be moving things correctly, images still appear overexposed. Alice made some mods to Run and Accumulate yesterday. I've fired off an email to her and to David requesting they take a look at images to see if the mods are causing the problem (I think it started occurring after the 1800 UT calibration).

Thu Dec 27 19:05:22 GMT 2001 CHIP End BiasLSD

Thu Dec 27 19:05:39 GMT 2001 CHIP Bias

Thu Dec 27 19:06:34 GMT 2001 CHIP End Bias

Thu Dec 27 19:08:21 GMT 2001 MKIV End Patrol

Thu Dec 27 19:08:33 GMT 2001 MKIV Start Cal

Thu Dec 27 19:27:16 GMT 2001 MKIV End Cal

Thu Dec 27 19:27:28 GMT 2001 MKIV Start Patrol
PICS PROBLEM : Thu Dec 27 19:35:06 GMT 2001
Alice found that the PICS was getting some crazy centering information.
Probably due to the mods made yesterday. She is recompiling some code and
I may have to do a Kill/Run before restarting.

Thu Dec 27 19:55:12 GMT 2001 PICS Start Patrol
Thu Dec 27 20:00:50 GMT 2001 PICS Start Patrol
Thu Dec 27 20:02:06 GMT 2001 CHIP LSD
PICS PROBLEM : Thu Dec 27 20:03:21 GMT 2001
Images did not improve with Alice's fix.

Thu Dec 27 20:04:17 GMT 2001 CHIP End LSD
Thu Dec 27 20:04:30 GMT 2001 CHIP BiasLSD
Thu Dec 27 20:05:20 GMT 2001 CHIP End BiasLSD
Thu Dec 27 20:05:28 GMT 2001 CHIP Bias
Thu Dec 27 20:06:11 GMT 2001 CHIP End Bias
PSPT PROBLEM : Thu Dec 27 20:08:07 GMT 2001
Just fopund PSPT stalled since 1907 UT. Taking blue image. Killed runPspt.pro
and restarting.

Thu Dec 27 20:14:35 GMT 2001 PICS End Patrol
Thu Dec 27 20:17:35 GMT 2001 PICS Start Patrol
PICS PROBLEM : Thu Dec 27 20:22:16 GMT 2001
Images still hosed even after Alice put the original software back in.
I am stopping Patrol again and will investigate hardware further.

Thu Dec 27 20:24:59 GMT 2001 PICS End Patrol
Thu Dec 27 21:02:14 GMT 2001 CHIP LSD
Thu Dec 27 21:04:28 GMT 2001 CHIP End LSD
Thu Dec 27 21:04:40 GMT 2001 CHIP BiasLSD
Thu Dec 27 21:05:26 GMT 2001 CHIP End BiasLSD
Thu Dec 27 21:05:39 GMT 2001 CHIP Bias
Thu Dec 27 21:06:28 GMT 2001 CHIP End Bias
PICS PROBLEM : Thu Dec 27 21:24:18 GMT 2001
Image appears overexposed even with exposure set at 1 (originally 10 ms).
COMMENT: Thu Dec 27 21:30:11 GMT 2001

spar ran into ladder.
Remedied situation.
PSPT PROBLEM : Thu Dec 27 21:44:42 GMT 2001
PSPT discovered stalled again. Stalled at 2047 waiting for 2050 UT.
Did a kill runPspt.pro and restarted Pspt, then shut it down since it
is near closing time.
PICS PROBLEM : Thu Dec 27 21:46:12 GMT 2001
I do not see any hardware that is out of position or not moving the way
it should. I will button things up temporarily until tomorrow. I'll
also send David some email to see if he can tell what might be wrong
based on images and headers.

Thu Dec 27 22:02:02 GMT 2001 CHIP LSD
Thu Dec 27 22:04:22 GMT 2001 CHIP End LSD
Thu Dec 27 22:04:36 GMT 2001 CHIP BiasLSD

Thu Dec 27 22:05:25 GMT 2001 CHIP End BiasLSD
Thu Dec 27 22:05:37 GMT 2001 CHIP Bias
Thu Dec 27 22:06:25 GMT 2001 CHIP End Bias
Thu Dec 27 22:11:39 GMT 2001 CHIP End Patrol
Thu Dec 27 22:13:04 GMT 2001

MkIV

17_38.rawmk4	18_35.rawmk4	19_39.rawmk4	20_32.rawmk4	21_25.rawmk4
17_41.rawmk4	18_38.rawmk4	19_42.rawmk4	20_35.rawmk4	21_28.rawmk4
17_44.rawmk4	18_41.rawmk4	19_45.rawmk4	20_38.rawmk4	21_31.rawmk4
17_47.rawmk4	18_44.rawmk4	19_48.rawmk4	20_41.rawmk4	21_34.rawmk4
17_53.rawmk4	18_47.rawmk4	19_51.rawmk4	20_44.rawmk4	21_37.rawmk4
17_57.rawmk4	18_50.rawmk4	19_53.rawmk4	20_47.rawmk4	21_40.rawmk4
18_00.rawmk4	18_53.rawmk4	19_56.rawmk4	20_50.rawmk4	21_42.rawmk4
18_03.rawmk4	18_56.rawmk4	19_59.rawmk4	20_52.rawmk4	21_45.rawmk4
18_06.rawmk4	18_59.rawmk4	20_02.rawmk4	20_55.rawmk4	21_48.rawmk4
18_09.rawmk4	19_02.rawmk4	20_05.rawmk4	20_58.rawmk4	21_51.rawmk4
18_12.rawmk4	19_04.rawmk4	20_08.rawmk4	21_01.rawmk4	21_54.rawmk4
18_14.rawmk4	19_11.rawmk4	20_11.rawmk4	21_04.rawmk4	21_57.rawmk4
18_17.rawmk4	19_17.rawmk4	20_14.rawmk4	21_07.rawmk4	22_00.rawmk4
18_20.rawmk4	19_23.rawmk4	20_17.rawmk4	21_10.rawmk4	22_03.rawmk4
18_23.rawmk4	19_27.rawmk4	20_20.rawmk4	21_13.rawmk4	c19_08.rawmk4
18_26.rawmk4	19_30.rawmk4	20_23.rawmk4	21_16.rawmk4	c19_14.rawmk4
18_29.rawmk4	19_33.rawmk4	20_26.rawmk4	21_19.rawmk4	c19_20.rawmk4
18_32.rawmk4	19_36.rawmk4	20_29.rawmk4	21_22.rawmk4	