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--------------------------------------------------------------------------------
                Mauna Loa Solar Observatory Observer's Log
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          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
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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
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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
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