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--------------------------------------------------------------------------------
                 Mauna Loa Solar Observatory Observer's Log
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           Thu Dec 22 17:16:55 GMT 2005
Year: 05  Doy: 356
Observer: stueben
WEATHER COMMENT: Thu Dec 22 17:19:10 GMT 2005
Clear, wind south 10-15 mph, temp 39F.
___end___
ECHO COMMENT: Thu Dec 22 17:21:00 GMT 2005
Time OK.
___end___
Thu Dec 22 17:24:25 GMT 2005     PICS     Start Patrol
Thu Dec 22 17:24:58 GMT 2005     CHIP     Start Patrol
Thu Dec 22 17:33:10 GMT 2005     MKIV     Start Patrol
PSPT COMMENT: Thu Dec 22 17:34:20 GMT 2005
Observing, camera controller temp=15 C.
___end___
WEATHER COMMENT: Thu Dec 22 17:54:45 GMT 2005
In thin cirrus.
___end___
Thu Dec 22 18:01:21 GMT 2005     PICS     Flat
Thu Dec 22 18:01:50 GMT 2005     CHIP     LSD
Thu Dec 22 18:03:37 GMT 2005     CHIP     End LSD
Thu Dec 22 18:03:43 GMT 2005     PICS     End Flat
Thu Dec 22 18:03:52 GMT 2005     CHIP     BiasLSD
Thu Dec 22 18:03:59 GMT 2005     PICS     ReStart Patrol
Thu Dec 22 18:04:51 GMT 2005     CHIP     End BiasLSD
Thu Dec 22 18:04:59 GMT 2005     CHIP     Bias
Thu Dec 22 18:05:52 GMT 2005     CHIP     End Bias
Thu Dec 22 18:05:59 GMT 2005     CHIP     ReStart Patrol
Thu Dec 22 18:09:00 GMT 2005     MKIV     End Patrol
PSPT COMMENT: Thu Dec 22 18:34:42 GMT 2005
Controller cabinet temp=16 C.
___end___
MKIV COMMENT: Thu Dec 22 18:35:19 GMT 2005
Paused earlier due to clouds.
___end___
PSPT COMMENT: Thu Dec 22 19:57:17 GMT 2005
Camera control cabinet temp=18 C.
___end___
Thu Dec 22 19:58:19 GMT 2005     MKIV     Start Patrol
A NEW PSPT EXABYTE IS LOADED ON KENOBI  Thu Dec 22 20:25:42 GMT 2005
Thu Dec 22 20:33:53 GMT 2005     MKIV     End Patrol
Thu Dec 22 20:34:00 GMT 2005     MKIV     Start Cal
**PSPT PROBLEM**: Thu Dec 22 20:34:51 GMT 2005
Stalled writing image, restarted.
___end___
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Thu Dec 22 20:52:48 GMT 2005    MKIV    End Cal
Thu Dec 22 20:52:54 GMT 2005    MKIV    Start Patrol
A NEW PSPT EXABYTE IS LOADED ON KENOBI   Thu Dec 22 21:08:43 GMT 2005
WEATHER COMMENT: Thu Dec 22 22:19:31 GMT 2005
Very thin cirrostratus is back again, pausing mk4.
___end___
Thu Dec 22 22:21:22 GMT 2005    MKIV    End Patrol
**PSPT PROBLEM**: Thu Dec 22 22:28:15 GMT 2005
It looks like some images are overexposed and some are out of focus, telescope
isn't oscillating, it seems to be guiding well.  I don't see any mirror
oscillation messages in the GUI either.
___end___
**PSPT PROBLEM**: Thu Dec 22 23:17:43 GMT 2005
All the CaK images look out of focus, the CaK narrow images and the CaK
shifted images look like they are focused well though.
___end___
**PSPT PROBLEM**: Thu Dec 22 23:23:31 GMT 2005
Blue images look overexposed, can't tell what the Red images look like right
now due to clouds.
___end___
Thu Dec 22 23:41:15 GMT 2005    MKIV    Start Patrol
**PSPT PROBLEM**: Thu Dec 22 23:53:24 GMT 2005
Red images look blurry too.  To summarize, the Blue images look overexposed
and the CaK and Red images look blurry.  I don't understand why 2 out of 3
CaK filtered images (narrow and shifted filters) look sharp but the regular
CaK images look blurry since they all use the same focus setting as far as
I can tell.  I'll paused obs and look at the filters.  -Darryl
___end___
Fri Dec 23 00:00:00 GMT 2005    MKIV    End Patrol
Fri Dec 23 00:02:54 GMT 2005    CHIP    End Patrol
Fri Dec 23 00:03:15 GMT 2005    PICS    End Patrol
WEATHER COMMENT: Fri Dec 23 00:03:42 GMT 2005
Orographic clouds are becoming dense, instruments idled.
___end___
Fri Dec 23 00:24:03 GMT 2005    MKIV    Start Patrol
Fri Dec 23 00:24:22 GMT 2005    CHIP    Start Patrol
Fri Dec 23 00:25:39 GMT 2005    PICS    Start Patrol
**PSPT PROBLEM**: Fri Dec 23 00:23:14 GMT 2005
Found and fixed the problem.  The Filter wheel was pointing to the wrong
position for each image, "homing" the filter wheel was the cure.  Not sure
how it lost it's positions, but it was interesting how it would still end
up with a filter in place for each image and how 2 of the images were well
illuminated and in focus.  -Darryl
___end___
WEATHER COMMENT: Fri Dec 23 00:26:18 GMT 2005
Clouds have cleared, instruments restarted.
___end___
Fri Dec 23 00:36:04 GMT 2005    MKIV    End Patrol
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Fri Dec 23 00:51:27 GMT 2005     PICS     End Patrol
Fri Dec 23 00:51:48 GMT 2005     CHIP     End Patrol
WEATHER COMMENT: Fri Dec 23 00:55:12 GMT 2005
Clouds are dense, instruments idled.
___end___
NICE CHIP      IMAGE: 2021
NICE PICSLIMB IMAGE: 2023
NICE PICSDISC IMAGE: 2022
NICE MK4      IMAGE: 2024
Fri Dec 23 01:01:23 GMT 2005
        MkIV


00_24.rawmk4    18_02.rawmk4    20_37.rawmk4    21_25.rawmk4    22_06.rawmk4
00_27.rawmk4    18_05.rawmk4    20_43.rawmk4    21_28.rawmk4    22_09.rawmk4
00_29.rawmk4    19_58.rawmk4    20_49.rawmk4    21_31.rawmk4    22_12.rawmk4
00_32.rawmk4    20_01.rawmk4    20_52.rawmk4    21_34.rawmk4    22_15.rawmk4
17_33.rawmk4    20_04.rawmk4    20_55.rawmk4    21_37.rawmk4    22_18.rawmk4
17_36.rawmk4    20_07.rawmk4    20_58.rawmk4    21_39.rawmk4    23_41.rawmk4
17_39.rawmk4    20_10.rawmk4    21_01.rawmk4    21_42.rawmk4    23_47.rawmk4
17_42.rawmk4    20_13.rawmk4    21_04.rawmk4    21_45.rawmk4    23_50.rawmk4
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17_47.rawmk4    20_18.rawmk4    21_10.rawmk4    21_51.rawmk4    23_56.rawmk4
17_50.rawmk4    20_21.rawmk4    21_13.rawmk4    21_54.rawmk4    c20_34.rawmk4
17_53.rawmk4    20_24.rawmk4    21_16.rawmk4    21_57.rawmk4    c20_40.rawmk4
17_56.rawmk4    20_27.rawmk4    21_19.rawmk4    22_00.rawmk4    c20_46.rawmk4
17_59.rawmk4    20_30.rawmk4    21_22.rawmk4    22_03.rawmk4
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