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                 Mauna Loa Solar Observatory Observer's Log
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          Fri May  4 16:08:01 GMT 2001
Year: 01  Doy: 124
Observer: yasukawa
WEATHER COMMENT: Thu May  3 22:27:13 GMT 2001
WEATHER COMMENT: Fri May  4 16:08:33 GMT 2001

Cool, clear, light south wind.
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri May  4 16:22:24 GMT 2001
Fri May  4 16:28:03 GMT 2001    CHIP      Start Patrol
Fri May  4 16:28:38 GMT 2001    PICS      Start Patrol
MKIV COMMENT: Fri May  4 16:32:59 GMT 2001
Corrector table from 5/1/2001 restored.  The one on taken at
calibration time was fouled up due to improper bias correction
code used early in the day.
Today the revised camera bias drift correction code is in place.
Fri May  4 16:45:04 GMT 2001    MKIV     Start Patrol
COMMENT: Fri May  4 16:46:32 GMT 2001
Three cables near the CHIP O1 were hanging into the light path to the
spar guider.  These cables were secured out of the way allowing the
spar to servo in dec 1/2 hour earlier in the morning.  There is still a problem
with the connector to one of the O1 X-Y motors on CHIP shadowing the
spar guider.  We will have Boulder build a right angle connector on a
short cable to replace the current straight connector.
Fri May  4 17:01:30 GMT 2001    CHIP      LSD
Fri May  4 17:05:01 GMT 2001    CHIP      End LSD
Fri May  4 17:05:09 GMT 2001    CHIP      BiasLSD
Fri May  4 17:05:55 GMT 2001    CHIP      End BiasLSD
Fri May  4 17:06:10 GMT 2001    CHIP      Bias
Fri May  4 17:06:58 GMT 2001    CHIP      End Bias
Fri May  4 18:01:28 GMT 2001    CHIP      LSD
Fri May  4 18:03:57 GMT 2001    PICS      Flat
Fri May  4 18:05:12 GMT 2001    CHIP      End LSD
Fri May  4 18:05:23 GMT 2001    CHIP      BiasLSD
Fri May  4 18:06:11 GMT 2001    CHIP      End BiasLSD
Fri May  4 18:06:23 GMT 2001    CHIP      Bias
Fri May  4 18:07:01 GMT 2001    PICS      End Flat
Fri May  4 18:07:09 GMT 2001    CHIP      End Bias
Fri May  4 18:19:43 GMT 2001    MKIV     End Patrol
Fri May  4 18:19:55 GMT 2001    MKIV     Start Cal
Fri May  4 18:38:37 GMT 2001    MKIV     End Cal
Fri May  4 18:41:22 GMT 2001    MKIV     End Correct
Fri May  4 18:41:51 GMT 2001    MKIV     Start Cal
Fri May  4 19:00:12 GMT 2001    MKIV     End Cal
Fri May  4 19:01:22 GMT 2001    CHIP      LSD
Fri May  4 19:02:39 GMT 2001    MKIV     Start Correct
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Fri May  4 19:04:10 GMT 2001    MKIV    End Correct
Fri May  4 19:04:27 GMT 2001    MKIV    Start Cal
Fri May  4 19:05:02 GMT 2001    CHIP    End LSD
Fri May  4 19:05:09 GMT 2001    CHIP    BiasLSD
Fri May  4 19:05:54 GMT 2001    CHIP    End BiasLSD
Fri May  4 19:06:00 GMT 2001    CHIP    Bias
Fri May  4 19:06:45 GMT 2001    CHIP    End Bias
MKIV COMMENT: Fri May  4 19:08:28 GMT 2001
After Correct the gain was reduced by about a factor
of two.  After the second Correct the gain remained
at that level reduced from that produced using the
5/1 gain table.  We will consider the new Gain values
the standard.
Fri May  4 19:22:57 GMT 2001    MKIV    End Cal
Fri May  4 19:24:25 GMT 2001    MKIV    Start Patrol
COMMENT: Fri May  4 19:26:47 GMT 2001
We removed the spring-load assembly from the E/W adjustment of the spar guider
and replaced it with a push-pull screw.  Adjusted the guider in N/S
a little bit more to center up the O1 guider range.
Fri May  4 20:03:18 GMT 2001    CHIP    LSD
Fri May  4 20:06:53 GMT 2001    CHIP    End LSD
Fri May  4 20:07:08 GMT 2001    CHIP    BiasLSD
Fri May  4 20:07:58 GMT 2001    CHIP    End BiasLSD
Fri May  4 20:08:07 GMT 2001    CHIP    Bias
Fri May  4 20:08:53 GMT 2001    CHIP    End Bias
Fri May  4 20:17:33 GMT 2001    MKIV    End Patrol
Fri May  4 20:19:40 GMT 2001    MKIV    Start Cal
COMMENT: Fri May  4 20:20:05 GMT 2001
Reconfigured dome shutter.
Fri May  4 20:38:12 GMT 2001    MKIV    End Cal
Fri May  4 20:38:20 GMT 2001    MKIV    Start Patrol
MKIV COMMENT: Fri May  4 20:38:36 GMT 2001
First calibration file following Correct was damaged.
therefore we did another calibration.  This time the
cal0 file has the proper size and went through rawt4 OK.
Fri May  4 20:45:12 GMT 2001    MKIV    End Patrol
Fri May  4 20:45:21 GMT 2001    MKIV    Start Patrol
WEATHER COMMENT: Fri May  4 20:45:27 GMT 2001
ATST Test.  Channel 0 gain set to 0
WEATHER COMMENT: Fri May  4 20:51:19 GMT 2001
ATST Test.  Channel 1 gain set to 0.  Channel 0 restored
Fri May  4 21:03:10 GMT 2001    MKIV    End Patrol
Fri May  4 21:03:29 GMT 2001    CHIP    LSD
Fri May  4 21:05:30 GMT 2001    MKIV    Start Patrol
Fri May  4 21:07:03 GMT 2001    CHIP    End LSD
Fri May  4 21:07:12 GMT 2001    CHIP    BiasLSD
Fri May  4 21:07:57 GMT 2001    CHIP    End BiasLSD
Fri May  4 21:08:04 GMT 2001    CHIP    Bias
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WEATHER COMMENT: Fri May  4 21:06:28 GMT 2001
ATST Test.  30Hz Modulation rate.
Fri May  4 21:08:48 GMT 2001    CHIP     End Bias
Fri May  4 21:12:02 GMT 2001    MKIV     End Patrol
WEATHER COMMENT: Fri May  4 21:12:21 GMT 2001
21_05 and 21_08 were not a test after all, the were regualar scans
Fri May  4 21:14:31 GMT 2001    MKIV     Start Patrol
WEATHER COMMENT: Fri May  4 21:15:06 GMT 2001
now ATST Test.  30Hz modulation rate.
Fri May  4 21:21:09 GMT 2001    MKIV     End Patrol
WEATHER COMMENT: Fri May  4 21:20:52 GMT 2001
21_14 and 21_17 with FLC on.
Fri May  4 21:21:28 GMT 2001    MKIV     Start Patrol
Fri May  4 21:27:37 GMT 2001    MKIV     End Patrol
WEATHER COMMENT: Fri May  4 21:28:36 GMT 2001
21_21 and 21_24 were 30Hz with FLC on.  End of ATST tests
Fri May  4 21:31:47 GMT 2001    MKIV     Start Patrol
Fri May  4 22:03:15 GMT 2001    CHIP      LSD
Fri May  4 22:06:45 GMT 2001    CHIP      End LSD
Fri May  4 22:06:53 GMT 2001    CHIP      BiasLSD
Fri May  4 22:07:42 GMT 2001    CHIP      End BiasLSD
Fri May  4 22:07:54 GMT 2001    CHIP      Bias
Fri May  4 22:08:49 GMT 2001    CHIP      End Bias
WEATHER COMMENT: Fri May  4 22:20:11 GMT 2001
In orographic clouds.
Fri May  4 23:03:49 GMT 2001    CHIP      LSD
Fri May  4 23:05:28 GMT 2001    PICS     End Patrol
Fri May  4 23:07:27 GMT 2001    CHIP     End LSD
Fri May  4 23:07:40 GMT 2001    CHIP     End Patrol
COMMENT: Fri May  4 23:10:13 GMT 2001

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Sorry come of the log entries that should be comments or other flavors
were labeled weather comments.  This was an operator problem, not an
instrumental or software problem.

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Fri May  4 23:13:07 GMT 2001
       MkIV


16_45.rawmk4    17_55.rawmk4    19_44.rawmk4    21_17.rawmk4    22_33.rawmk4
16_48.rawmk4    17_58.rawmk4    19_47.rawmk4    21_21.rawmk4    22_36.rawmk4
16_51.rawmk4    18_01.rawmk4    19_50.rawmk4    21_24.rawmk4    22_39.rawmk4
16_53.rawmk4    18_04.rawmk4    19_53.rawmk4    21_31.rawmk4    22_42.rawmk4
16_56.rawmk4    18_07.rawmk4    19_56.rawmk4    21_35.rawmk4    22_45.rawmk4
16_59.rawmk4    18_10.rawmk4    19_59.rawmk4    21_37.rawmk4    22_48.rawmk4
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17_02.rawmk4    18_13.rawmk4    20_02.rawmk4    21_40.rawmk4    22_51.rawmk4
17_05.rawmk4    18_16.rawmk4    20_05.rawmk4    21_43.rawmk4    22_54.rawmk4
17_08.rawmk4    18_22.rawmk4    20_08.rawmk4    21_46.rawmk4    22_57.rawmk4
17_11.rawmk4    18_29.rawmk4    20_11.rawmk4    21_49.rawmk4    23_00.rawmk4
17_14.rawmk4    18_35.rawmk4    20_14.rawmk4    21_52.rawmk4    23_03.rawmk4
17_17.rawmk4    18_44.rawmk4    20_22.rawmk4    21_55.rawmk4    c18_19.rawmk4
17_20.rawmk4    18_50.rawmk4    20_28.rawmk4    21_58.rawmk4    c18_26.rawmk4
17_23.rawmk4    18_57.rawmk4    20_34.rawmk4    22_01.rawmk4    c18_32.rawmk4
17_26.rawmk4    19_07.rawmk4    20_41.rawmk4    22_04.rawmk4    c18_35.rawmk4
17_29.rawmk4    19_13.rawmk4    20_45.rawmk4    22_07.rawmk4    c18_47.rawmk4
17_32.rawmk4    19_19.rawmk4    20_48.rawmk4    22_10.rawmk4    c18_53.rawmk4
17_35.rawmk4    19_24.rawmk4    20_51.rawmk4    22_13.rawmk4    c18_57.rawmk4
17_38.rawmk4    19_27.rawmk4    20_54.rawmk4    22_16.rawmk4    c19_10.rawmk4
17_41.rawmk4    19_30.rawmk4    20_57.rawmk4    22_19.rawmk4    c19_16.rawmk4
17_44.rawmk4    19_33.rawmk4    21_00.rawmk4    22_22.rawmk4    c20_19.rawmk4
17_47.rawmk4    19_36.rawmk4    21_05.rawmk4    22_24.rawmk4    c20_25.rawmk4
17_50.rawmk4    19_39.rawmk4    21_08.rawmk4    22_27.rawmk4    c20_31.rawmk4
17_52.rawmk4    19_42.rawmk4    21_14.rawmk4    22_30.rawmk4
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