
Mauna Loa Solar Observatory Observer's Log

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 01 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 01 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

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

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 regular 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

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.

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

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	