
Mauna Loa Solar Observatory Observer's Log

Fri Apr 27 16:21:31 GMT 2001

Year: 01 Doy: 117

Observer: yasukawa

WEATHER COMMENT: Fri Apr 27 16:21:53 GMT 2001

Cool, bright sky, light southeast breeze.

COMMENT: Fri Apr 27 16:22:20 GMT 2001

David and Kim here. NASA guys coming up later to tour the insides of MK4.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri Apr 27 16:32:15 GMT 2001

Fri Apr 27 16:37:41 GMT 2001 CHIP Start Patrol

Fri Apr 27 16:37:57 GMT 2001 PICS Start Patrol

PICS COMMENT: Fri Apr 27 16:47:24 GMT 2001

Gold mirrors installed in M1 and M2. Mirrors and C1 aligned.

Light Shaping Diffuser installed in objective wheel, called

LSD. Patrol modified so that disc flat field is now done

with LSD. Exposure times for Disc and Limb each reduced

by 1 msec to 3 and 2 respectively. LSD exposure is 10 X

disc exposure of 30msec.

COMMENT: Fri Apr 27 16:49:52 GMT 2001

Chris St.Cyr , Judd, and Joe Devilla have arrived on site.

Fri Apr 27 17:05:13 GMT 2001 CHIP Start Patrol

Fri Apr 27 17:05:38 GMT 2001 PICS Start Patrol

Fri Apr 27 17:07:25 GMT 2001 CHIP End Patrol

Fri Apr 27 17:22:41 GMT 2001 CHIP Start Patrol

Fri Apr 27 18:01:29 GMT 2001 CHIP LSD

Fri Apr 27 18:01:32 GMT 2001 PICS Flat

Fri Apr 27 18:04:35 GMT 2001 PICS End Flat

Fri Apr 27 18:05:24 GMT 2001 CHIP End LSD

Fri Apr 27 18:05:30 GMT 2001 CHIP BiasLSD

Fri Apr 27 18:06:20 GMT 2001 CHIP End BiasLSD

Fri Apr 27 18:06:27 GMT 2001 CHIP Bias

Fri Apr 27 18:07:10 GMT 2001 CHIP End Bias

Fri Apr 27 18:23:55 GMT 2001 PICS End Patrol

Fri Apr 27 18:24:03 GMT 2001 CHIP End Patrol

COMMENT: Fri Apr 27 18:24:05 GMT 2001

Stopping observations so we can secure the spar and remove the slits
for modification.

Fri Apr 27 21:03:36 GMT 2001 CHIP Start Patrol

COMMENT: Fri Apr 27 21:03:33 GMT 2001

Slits were adjusted and tophat reinstalled in MK4. Guiding. Resuming
observations with CHIP and PICS. Testing MK4.

MKIV PROBLEM: Fri Apr 27 21:04:46 GMT 2001

When removing the tophat, we found that the red mark on the encoder gear
tooth was not aligned with the red-marked gear tooth on the tophat.

Alignment was off by two teeth. David estimated that this misalignment could be the 9.5 degree misalignment between features seen on LASCO and PICS and the features seen on MK4. Teeth were properly aligned when reinstalling tophat.

MKIV PROBLEM Fri Apr 27 21:08:44 GMT 2001

Barrel limits are now 94.68 CW and 285.35 CCW before this adjustment limits were about 91 CW and 282 CCW. -- david

Fri Apr 27 21:23:15 GMT 2001 MKIV Start Correct

Fri Apr 27 21:23:36 GMT 2001 PICS Start Patrol

Fri Apr 27 21:25:05 GMT 2001 MKIV End Correct

Fri Apr 27 21:26:31 GMT 2001 MKIV Start Correct

Fri Apr 27 21:28:19 GMT 2001 MKIV End Correct

Fri Apr 27 21:29:21 GMT 2001 MKIV Start Patrol

**** EVENT COMMENT ****: Fri Apr 27 21:29:32 GMT 2001

Possible EPL at PA 122, RV ~1.3.

Fri Apr 27 21:42:34 GMT 2001 MKIV Start Correct

Fri Apr 27 21:44:14 GMT 2001 MKIV End Correct

Fri Apr 27 21:44:29 GMT 2001 MKIV Start Patrol

Fri Apr 27 21:49:20 GMT 2001 MKIV Start Patrol

Fri Apr 27 22:03:21 GMT 2001 CHIP LSD

Fri Apr 27 22:06:41 GMT 2001 CHIP End LSD

Fri Apr 27 22:06:50 GMT 2001 CHIP BiasLSD

Fri Apr 27 22:07:29 GMT 2001 MKIV Start Correct

Fri Apr 27 22:07:36 GMT 2001 CHIP End BiasLSD

Fri Apr 27 22:07:44 GMT 2001 CHIP Bias

Fri Apr 27 22:08:34 GMT 2001 CHIP End Bias

Fri Apr 27 22:09:21 GMT 2001 MKIV End Correct

Fri Apr 27 22:27:21 GMT 2001 MKIV Start Cal

Fri Apr 27 22:34:58 GMT 2001 MKIV Start Correct

Fri Apr 27 23:02:44 GMT 2001 CHIP LSD

Fri Apr 27 23:03:07 GMT 2001 MKIV Start Correct

Fri Apr 27 23:04:55 GMT 2001 MKIV End Correct

Fri Apr 27 23:06:06 GMT 2001 CHIP End LSD

Fri Apr 27 23:06:14 GMT 2001 CHIP BiasLSD

Fri Apr 27 23:07:00 GMT 2001 CHIP End BiasLSD

Fri Apr 27 23:07:06 GMT 2001 CHIP Bias

Fri Apr 27 23:07:50 GMT 2001 CHIP End Bias

WEATHER COMMENT: Fri Apr 27 23:20:38 GMT 2001

In orographic clouds. Stopping PICS and CHIP.

Fri Apr 27 23:21:36 GMT 2001 CHIP End Patrol

Fri Apr 27 23:24:23 GMT 2001 PICS End Patrol

Fri Apr 27 23:45:45 GMT 2001 MKIV Start Cal

COMMENT: Fri Apr 27 23:51:20 GMT 2001

Eric is leaving with Chris, Leaving things open for David to continue working on mk4 system. Closing logs for the day.

Fri Apr 27 23:53:25 GMT 2001

MkIV

21_49.rawmk4 21_52.rawmk4