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Mauna Loa Solar Observatory Observer's Log  
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Tue Jul 18 16:45:44 GMT 2006

Year: 06 Doy: 199

Observer: koon

Tue Jul 18 16:49:24 GMT 2006 CHIP Start Patrol

WEATHER COMMENT: Tue Jul 18 16:45:45 GMT 2006

Clear sky, no wind, temp=46F.

\_\_\_\_end\_\_\_\_

Tue Jul 18 16:51:19 GMT 2006 PICS Start Patrol

SBM COMMENT: Tue Jul 18 16:57:17 GMT 2006

Obs.

\_\_\_\_end\_\_\_\_

PSPT COMMENT: Tue Jul 18 17:01:53 GMT 2006

Obs.

\_\_\_\_end\_\_\_\_

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Tue Jul 18 17:05:29 GMT 2006

Tue Jul 18 18:01:16 GMT 2006 PICS Flat

Tue Jul 18 18:01:44 GMT 2006 CHIP LSD

Tue Jul 18 18:03:24 GMT 2006 CHIP End LSD

Tue Jul 18 18:03:30 GMT 2006 CHIP BiasLSD

Tue Jul 18 18:03:33 GMT 2006 PICS End Flat

Tue Jul 18 18:03:39 GMT 2006 PICS ReStart Patrol

Tue Jul 18 18:04:12 GMT 2006 CHIP End BiasLSD

Tue Jul 18 18:04:20 GMT 2006 CHIP Bias

Tue Jul 18 18:04:59 GMT 2006 CHIP End Bias

Tue Jul 18 18:05:04 GMT 2006 CHIP ReStart Patrol

SBM COMMENT: Tue Jul 18 18:18:47 GMT 2006

Tweaked pointing.

\_\_\_\_end\_\_\_\_

\*\*PSPT PROBLEM\*\*: Tue Jul 18 18:40:47 GMT 2006

Filter wheel had to be homed again, images were vignetted.

\_\_\_\_end\_\_\_\_

Tue Jul 18 18:42:11 GMT 2006

MkIV

Tue Jul 18 18:46:14 GMT 2006 MKIV Start Patrol

\*\*MKIV PROBLEM\*\*: Tue Jul 18 18:46:31 GMT 2006

Data weren't being taken and saved, no animations either. Tried several things including cycling main KCC rocker switch but they didn't help. Also noticed that there were no messages in Console window so I did a pau/run cycle and that fixed the problems.

\_\_\_\_end\_\_\_\_

Tue Jul 18 18:52:29 GMT 2006 MKIV End Patrol

Tue Jul 18 18:52:34 GMT 2006 MKIV Start Cal

COMMENT: Tue Jul 18 18:52:01 GMT 2006

Can't get through to the Seeing Instruments computer again, this has happened

about 4 times in the past that I've noticed, eventually it is reachable again without my having to fix anything. Last time NOAA said they didn't fix anything either, it kind of spontaneously goes away and comes back so it seems.

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\_\_\_\_end\_\_\_\_

Tue Jul 18 19:56:46 GMT 2006 MKIV End Cal  
Tue Jul 18 19:56:53 GMT 2006 MKIV Start Patrol  
COMMENT: Tue Jul 18 20:23:44 GMT 2006  
Extended dome slot.

\_\_\_\_end\_\_\_\_

WEATHER COMMENT: Tue Jul 18 22:08:58 GMT 2006  
Low clouds are passing over.

\_\_\_\_end\_\_\_\_

MKIV COMMENT: Tue Jul 18 22:13:52 GMT 2006  
Pausing due to clouds.

\_\_\_\_end\_\_\_\_

Tue Jul 18 22:19:04 GMT 2006 MKIV End Patrol  
Tue Jul 18 22:28:43 GMT 2006 CHIP End Patrol  
Tue Jul 18 22:29:00 GMT 2006 PICS End Patrol  
WEATHER COMMENT: Tue Jul 18 22:28:57 GMT 2006  
Pausing rest of instruments due to clouds.

\_\_\_\_end\_\_\_\_

**\*\*MKIV PROBLEM\*\***: Wed Jul 19 00:50:17 GMT 2006

The cal stalled on Tilt Plates In today, motor kept driving and limit switch wasn't activated. I adjusted this recently but I needed to make the clutch even tighter today, I also replaced the tiny 2-56 setscrew with a 2-56 cap screw so it will be easier to find a wrench that fits and so it will be more difficult to strip the screw/wrench interface. Be very careful not to strip the aluminum collar that this modified setscrew screws into, it is only about .2" of aluminum, it will be easier to strip with this new setscrew. The setscrew doesn't need to be very tight to hold the clutch plate. The clutch plate is fairly buggered up from someone trying to tighten or loosen it most likely with the setscrew tightened, you need to loosen the setscrew before adjusting the plate, it may have been difficult for someone to see the old setscrew but the new one should be a lot more obvious. -Darryl

\_\_\_\_end\_\_\_\_

WEATHER COMMENT: Wed Jul 19 00:58:32 GMT 2006  
Still in thick clouds with instruments paused.

\_\_\_\_end\_\_\_\_

NICE MK4 IMAGE: 1846  
NICE PICSDISC IMAGE: 1842  
NICE PICSLIMB IMAGE: 1901  
NICE CHIP IMAGE: 1938  
Wed Jul 19 02:07:05 GMT 2006  
MkIV

18\_46.rawmk4 20\_14.rawmk4 20\_46.rawmk4 21\_19.rawmk4 21\_51.rawmk4

18_49.rawmk4	20_17.rawmk4	20_49.rawmk4	21_22.rawmk4	21_54.rawmk4
18_55.rawmk4	20_20.rawmk4	20_52.rawmk4	21_24.rawmk4	21_57.rawmk4
19_47.rawmk4	20_23.rawmk4	20_55.rawmk4	21_27.rawmk4	22_00.rawmk4
19_53.rawmk4	20_26.rawmk4	20_58.rawmk4	21_30.rawmk4	22_03.rawmk4
19_56.rawmk4	20_29.rawmk4	21_01.rawmk4	21_33.rawmk4	22_09.rawmk4
19_59.rawmk4	20_32.rawmk4	21_04.rawmk4	21_36.rawmk4	22_12.rawmk4
20_02.rawmk4	20_35.rawmk4	21_07.rawmk4	21_39.rawmk4	22_15.rawmk4
20_05.rawmk4	20_37.rawmk4	21_10.rawmk4	21_42.rawmk4	c18_52.rawmk4
20_08.rawmk4	20_40.rawmk4	21_13.rawmk4	21_45.rawmk4	c18_58.rawmk4
20_11.rawmk4	20_43.rawmk4	21_16.rawmk4	21_48.rawmk4	c19_50.rawmk4