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Mauna Loa Solar Observatory Observer's Log  
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Sun Jun 10 16:29:51 GMT 2007

Year: 07 Doy: 161

Observer: koon

WEATHER COMMENT: Sun Jun 10 16:29:53 GMT 2007

Clear sky, no wind, temp=45F.

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

Sun Jun 10 16:50:34 GMT 2007 MKIV Start Patrol

Sun Jun 10 16:50:57 GMT 2007 CHIP Start Patrol

PICS COMMENT: Sun Jun 10 16:52:27 GMT 2007

Changed Occulting Disk from 1961" to 1951"

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

COMMENT: Sun Jun 10 16:52:56 GMT 2007

Start delayed as I worked on a problem with the Az drive slipping on the track, I added a bolt to stiffen the track but it needs to be grinded carefully to get the gear to seat properly at a small section.

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

Sun Jun 10 17:00:06 GMT 2007 PICS Start Patrol

\*\*PICS PROBLEM\*\*: Sun Jun 10 17:01:44 GMT 2007

Didn't start up, stalled at Program:init, did a pau/run cycle.

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

Sun Jun 10 17:03:40 GMT 2007 PICS Start Patrol

\*\*SBM PROBLEM\*\*: Sun Jun 10 17:14:56 GMT 2007

The sbm program wouldn't work, typing sbm didn't cause anything to happen. Tried rebooting the PC 4 or 5 times and it kept stalling on something like: "uncompressing Linux, OK, booting kernel", eventually it booted up OK after turning it on and letting it go, I didn't even see the above message so it didn't stall there on the good boot.

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

SBM COMMENT: Sun Jun 10 17:18:55 GMT 2007

Obs

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

PSPT COMMENT: Sun Jun 10 17:19:01 GMT 2007

Obs

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

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sun Jun 10 17:32:16 GMT 2007

Sun Jun 10 17:44:02 GMT 2007 MKIV End Patrol

\*\*PSPT PROBLEM\*\*: Sun Jun 10 17:47:26 GMT 2007

Wasn't pointed well enough to get a solar image, stopped program, pointed manually and restarted Obs.

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

Sun Jun 10 18:00:55 GMT 2007 CHIP LSD

Sun Jun 10 18:01:12 GMT 2007 PICS Flat

Sun Jun 10 18:02:38 GMT 2007 CHIP End LSD

Sun Jun 10 18:02:47 GMT 2007 CHIP BiasLSD

Sun Jun 10 18:03:28 GMT 2007 PICS End Flat

Sun Jun 10 18:03:47 GMT 2007 MKIV End Cal

Sun Jun 10 18:03:40 GMT 2007 CHIP End BiasLSD

Sun Jun 10 18:03:47 GMT 2007 PICS ReStart Patrol

Sun Jun 10 18:04:03 GMT 2007 MKIV Start Patrol

Sun Jun 10 18:03:56 GMT 2007 CHIP Bias

Sun Jun 10 18:04:55 GMT 2007 CHIP End Bias

Sun Jun 10 18:05:03 GMT 2007 CHIP ReStart Patrol

COMMENT: Sun Jun 10 20:31:11 GMT 2007

Lost Dec guiding, repointed and reset guider.

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

WEATHER COMMENT: Sun Jun 10 21:22:28 GMT 2007

Low clouds are passing over.

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

SBM COMMENT: Sun Jun 10 22:01:05 GMT 2007

Paused due to clouds.

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

MKIV COMMENT: Sun Jun 10 22:01:13 GMT 2007

Paused due to clouds.

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

Sun Jun 10 22:01:48 GMT 2007 MKIV End Patrol  
Sun Jun 10 22:14:50 GMT 2007 CHIP End Patrol  
Sun Jun 10 22:15:02 GMT 2007 PICS End Patrol

clouds are thick, pausing rest of instruments.

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

COMMENT: Mon Jun 11 00:57:02 GMT 2007

I tried to rebalance the spar again, I removed the weight at the handle and another small C-weight at the brown angle-iron mount above the middle of the spar. It is difficult to get a good balance due to the locations of the weight mounts. Earlier today the bottom end of the spar wanted to move away from the pillar, after my balancing there was a little tendency to move toward the pillar when the spar was straight up but the Dec balance was good at other Dec positions, so I tightened the Dec clutch in the hope that would also help prevent loss of Dec guiding during the day. The spar is a little more difficult to position by hand in the Dec direction but I could still do it with one arm so I don't think it'll be a problem for anyone.

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

WEATHER COMMENT: Mon Jun 11 01:05:04 GMT 2007

Cloudy and foggy.

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

NICE MK4 IMAGE: 1809

NICE CHIP IMAGE: 1814

NICE PICSLIMB IMAGE: 1804

NICE PICSDISC IMAGE: 1751

Mon Jun 11 01:28:32 GMT 2007

MkIV

16_50.rawmk4	18_04.rawmk4	19_05.rawmk4	20_07.rawmk4	21_12.rawmk4
16_53.rawmk4	18_07.rawmk4	19_08.rawmk4	20_10.rawmk4	21_15.rawmk4
16_56.rawmk4	18_09.rawmk4	19_11.rawmk4	20_13.rawmk4	21_18.rawmk4
16_59.rawmk4	18_12.rawmk4	19_14.rawmk4	20_16.rawmk4	21_21.rawmk4
17_02.rawmk4	18_15.rawmk4	19_17.rawmk4	20_19.rawmk4	21_27.rawmk4
17_05.rawmk4	18_18.rawmk4	19_20.rawmk4	20_22.rawmk4	21_31.rawmk4
17_08.rawmk4	18_21.rawmk4	19_23.rawmk4	20_25.rawmk4	21_34.rawmk4
17_11.rawmk4	18_24.rawmk4	19_26.rawmk4	20_28.rawmk4	21_37.rawmk4
17_14.rawmk4	18_27.rawmk4	19_29.rawmk4	20_33.rawmk4	21_40.rawmk4
17_17.rawmk4	18_30.rawmk4	19_32.rawmk4	20_37.rawmk4	21_46.rawmk4
17_20.rawmk4	18_33.rawmk4	19_35.rawmk4	20_40.rawmk4	21_49.rawmk4
17_23.rawmk4	18_36.rawmk4	19_38.rawmk4	20_43.rawmk4	21_52.rawmk4
17_25.rawmk4	18_39.rawmk4	19_41.rawmk4	20_46.rawmk4	21_55.rawmk4
17_28.rawmk4	18_42.rawmk4	19_43.rawmk4	20_49.rawmk4	21_58.rawmk4
17_31.rawmk4	18_45.rawmk4	19_46.rawmk4	20_52.rawmk4	c17_44.rawmk4
17_34.rawmk4	18_48.rawmk4	19_49.rawmk4	20_55.rawmk4	c17_51.rawmk4
17_37.rawmk4	18_51.rawmk4	19_52.rawmk4	20_58.rawmk4	c17_57.rawmk4
17_40.rawmk4	18_53.rawmk4	19_55.rawmk4	21_01.rawmk4	
17_48.rawmk4	18_56.rawmk4	19_58.rawmk4	21_04.rawmk4	
17_54.rawmk4	18_59.rawmk4	20_01.rawmk4	21_06.rawmk4	
18_00.rawmk4	19_02.rawmk4	20_04.rawmk4	21_09.rawmk4	