
Mauna Loa Solar Observatory Observer's Log

Fri Dec 9 17:08:39 GMT 2005

Year: 05 Doy: 343

Observer: yasukawa

WEATHER COMMENT: Fri Dec 9 17:09:36 GMT 2005

Clear, S wind 10 mph, temp 39 F.

____end____

Fri Dec 9 17:19:14 GMT 2005 CHIP Start Patrol

Fri Dec 9 17:19:27 GMT 2005 PICS Start Patrol

ECHO COMMENT: Fri Dec 9 17:20:16 GMT 2005

Time OK

____end____

PSPT COMMENT: Fri Dec 9 17:20:24 GMT 2005

Starting up.

____end____

PSPT COMMENT: Fri Dec 9 17:27:46 GMT 2005

Observing.

____end____

A NEW PSPT EXABYTE IS LOADED ON KENOBI Fri Dec 9 17:27:54 GMT 2005

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri Dec 9 17:32:57 GMT 2005

Fri Dec 9 17:45:23 GMT 2005 MKIV Start Patrol

Fri Dec 9 18:01:50 GMT 2005 CHIP LSD

Fri Dec 9 18:02:21 GMT 2005 PICS Flat

Fri Dec 9 18:03:40 GMT 2005 CHIP End LSD

Fri Dec 9 18:03:50 GMT 2005 CHIP BiasLSD

Fri Dec 9 18:04:40 GMT 2005 PICS End Flat

Fri Dec 9 18:04:43 GMT 2005 CHIP End BiasLSD

Fri Dec 9 18:04:50 GMT 2005 PICS ReStart Patrol

Fri Dec 9 18:04:55 GMT 2005 CHIP Bias

Fri Dec 9 18:05:56 GMT 2005 CHIP End Bias

Fri Dec 9 18:06:09 GMT 2005 CHIP ReStart Patrol

Fri Dec 9 18:32:42 GMT 2005 MKIV End Patrol

Fri Dec 9 18:32:48 GMT 2005 MKIV Start Cal

Fri Dec 9 18:52:20 GMT 2005 MKIV Start Patrol

NICE MK4 IMAGE: 1835

NICE CHIP IMAGE: 1836

NICE PICSLIMB IMAGE: 1845

NICE PICSDISC IMAGE: 1835

MLSO PROBLEM Fri Dec 9 21:11:30 GMT 2005

Did a test with a "nd" filter in front of the guider telescope.

Used a photographic polaroid filter (single, rotatable) in front of the red aperture filter and that tamed the 2Hz oscillations quite a bit.

Oscillations are very visible on the guider monitor oscilloscope.

A quick fix may be to place that filter over the aperture for now until a larger neutral density sheet that will cover the entire aperture can be acquired for periods when the solar diameter becomes large enough

to cause overspill around the guider occulter which causes the gains to drive the guider into oscillation.

____end____

PSPT PROBLEM : Fri Dec 9 22:17:28 GMT 2005

Crashed at 2210 UT, k/r.

____end____

COMMENT: Sat Dec 10 02:14:01 GMT 2005

Lost guiding for a bit. Repointed spar and reset guider.

____end____

Sat Dec 10 02:16:02 GMT 2005 PICS End Patrol

PICS PROBLEM : Sat Dec 10 02:15:44 GMT 2005

Halle filter in/out appears to have crashed -- or may be having difficult time climbing up into position against gravity. Stopped for the day.

____end____

PICS PROBLEM : Sat Dec 10 02:22:46 GMT 2005

Manual filter in/out tests with MCC control panel indicated filter was timing out in both in and out directions.

____end____

Sat Dec 10 02:29:11 GMT 2005 CHIP End Patrol

Sat Dec 10 02:32:41 GMT 2005 MKIV End Patrol

Sat Dec 10 02:35:25 GMT 2005

MkIV

00_01.rawmk4	01_47.rawmk4	19_04.rawmk4	20_50.rawmk4	22_36.rawmk4
00_04.rawmk4	01_53.rawmk4	19_07.rawmk4	20_53.rawmk4	22_39.rawmk4
00_07.rawmk4	01_56.rawmk4	19_10.rawmk4	20_56.rawmk4	22_42.rawmk4
00_10.rawmk4	01_59.rawmk4	19_13.rawmk4	20_59.rawmk4	22_45.rawmk4
00_13.rawmk4	02_02.rawmk4	19_16.rawmk4	21_02.rawmk4	22_48.rawmk4
00_16.rawmk4	02_05.rawmk4	19_19.rawmk4	21_05.rawmk4	22_50.rawmk4
00_19.rawmk4	02_08.rawmk4	19_22.rawmk4	21_08.rawmk4	22_53.rawmk4
00_22.rawmk4	02_11.rawmk4	19_25.rawmk4	21_11.rawmk4	22_56.rawmk4
00_24.rawmk4	02_14.rawmk4	19_28.rawmk4	21_14.rawmk4	22_59.rawmk4
00_27.rawmk4	02_17.rawmk4	19_31.rawmk4	21_17.rawmk4	23_02.rawmk4
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00_39.rawmk4	02_29.rawmk4	19_43.rawmk4	21_28.rawmk4	23_14.rawmk4
00_42.rawmk4	17_45.rawmk4	19_46.rawmk4	21_31.rawmk4	23_17.rawmk4
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