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Mauna Loa Solar Observatory Observer's Log  
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Fri Jul 29 16:29:03 GMT 2011

Year: 11 Doy: 210

Observer: berkey

WEATHER COMMENT: Fri Jul 29 16:47:06 GMT 2011

clear skies, wind 20mph from se, temp a cold! 40F

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

Fri Jul 29 16:47:43 GMT 2011 H-ALPHA Start Patrol

Fri Jul 29 16:53:24 GMT 2011: PSPT Start Patrol

Fri Jul 29 16:53:20 GMT 2011 CHIP Start Patrol

Fri Jul 29 17:23:47 GMT 2011 COMP Start Patrol

Fri Jul 29 17:36:52 GMT 2011 MKIV Start Patrol

Fri Jul 29 17:38:13 GMT 2011: PSPT Start Patrol

Fri Jul 29 17:44:20 GMT 2011 MKIV End Patrol

Fri Jul 29 17:44:25 GMT 2011 MKIV Start Cal

MKIV COMMENT BY BEN: Fri Jul 29 17:44:14 GMT 2011

The tilt plate was left in this morning, it had to be moved out by hand to begin observing today.

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

Fri Jul 29 18:02:38 GMT 2011 CHIP LSD

Fri Jul 29 18:03:11 GMT 2011 MKIV End Cal

Fri Jul 29 18:03:17 GMT 2011 MKIV Start Patrol

Fri Jul 29 18:04:13 GMT 2011 CHIP End LSD

Fri Jul 29 18:04:22 GMT 2011 CHIP BiasLSD

Fri Jul 29 18:05:09 GMT 2011 CHIP End BiasLSD

Fri Jul 29 18:05:17 GMT 2011 CHIP Bias

Fri Jul 29 18:05:59 GMT 2011 CHIP End Bias

Fri Jul 29 18:06:13 GMT 2011 CHIP ReStart Patrol

CoMP COMMENT BY BEN: Fri Jul 29 18:45:47 GMT 2011

In response to the CoMP artifact moving last week, I did a visual inspection of the back end. Bolts on the camera mount were checked as well as running the focus stage front to back. Everything on the camera mount looks/feels tight and it appears

the focus does not change the artifact location.

More checks to come later.

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

Fri Jul 29 20:17:43 GMT 2011 COMP End Patrol

Fri Jul 29 20:17:46 GMT 2011 COMP Start Patrol

Fri Jul 29 20:18:37 GMT 2011 COMP End Patrol

Fri Jul 29 20:18:49 GMT 2011 CHIP End Patrol

Fri Jul 29 20:19:38 GMT 2011 MKIV End Patrol

Fri Jul 29 20:20:22 GMT 2011 H-ALPHA End Patrol

Fri Jul 29 20:27:01 GMT 2011 MKIV Start Patrol

Fri Jul 29 20:27:18 GMT 2011 H-ALPHA Start Patrol

Fri Jul 29 20:27:21 GMT 2011 CHIP Start Patrol

Fri Jul 29 20:35:45 GMT 2011 COMP Start Patrol

Fri Jul 29 21:49:45 GMT 2011 CHIP End Patrol

Fri Jul 29 21:50:02 GMT 2011 COMP End Patrol

Fri Jul 29 21:51:14 GMT 2011 MKIV End Patrol

Fri Jul 29 21:51:52 GMT 2011 H-ALPHA End Patrol

NOTE BY BEN: Fri Jul 29 21:55:03 GMT 2011

idleing everything to adjust the comp camera  
\_\_\_\_end\_\_\_\_

Fri Jul 29 22:30:04 GMT 2011: PSPT Abort Patrol

Fri Jul 29 22:30:12 GMT 2011: PSPT Abort Patrol

Fri Jul 29 22:30:20 GMT 2011: PSPT Abort Patrol

CoMP COMMENT BY BEN: Sat Jul 30 00:19:14 GMT 2011

The small arm that the CoMP focus stage pushes agasint slipped during the inspection of comp hardware.

The head of the screw that holds the bar is burried on the bottom of the reimaging lense stage. To get at the stage the lyot filter was slide forward (after word I discovered the reimaging lens can be removed without moving the lyot). The reimaging lens

stage was removed and the screw holding the arm on was retightened. During the work with the arm the X-Y micrometers on the stage were bumped so this should be checked.

The lyot filter has been slide back to postion, and the reimaging lens has been reinstalled and is now ready for tests, once the clouds clear.

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

NOTE BY BEN: Sat Jul 30 00:25:25 GMT 2011

cloudy cloudy cloudy

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

Sat Jul 30 02:39:23 GMT 2011 MKIV Start Patrol

Sat Jul 30 02:41:09 GMT 2011 COMP Start Patrol

CoMP COMMENT BY BEN: Sat Jul 30 03:36:19 GMT 2011

CoMP is now mostly aligned, but I think we will need to do at least one more round next week. I am taking a dataset starting at about 4:45HST to 5:35HST to

take a look at how these changes effected the artifacts.

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

Sat Jul 30 03:37:35 GMT 2011 COMP End Patrol

Sat Jul 30 03:38:26 GMT 2011 MKIV End Patrol

Sat Jul 30 03:44:23 GMT 2011

MkIV

02_39.rawmk4	17_36.rawmk4	18_47.rawmk4	19_46.rawmk4	20_56.rawmk4
02_42.rawmk4	17_41.rawmk4	18_50.rawmk4	19_49.rawmk4	20_59.rawmk4
02_45.rawmk4	17_47.rawmk4	18_53.rawmk4	19_52.rawmk4	21_02.rawmk4
02_48.rawmk4	17_53.rawmk4	18_56.rawmk4	19_58.rawmk4	21_05.rawmk4
02_51.rawmk4	17_59.rawmk4	18_59.rawmk4	20_01.rawmk4	21_08.rawmk4
02_54.rawmk4	18_03.rawmk4	19_02.rawmk4	20_04.rawmk4	21_11.rawmk4
02_57.rawmk4	18_06.rawmk4	19_05.rawmk4	20_07.rawmk4	21_16.rawmk4
02_59.rawmk4	18_09.rawmk4	19_08.rawmk4	20_10.rawmk4	21_20.rawmk4
03_02.rawmk4	18_12.rawmk4	19_10.rawmk4	20_13.rawmk4	21_23.rawmk4
03_05.rawmk4	18_15.rawmk4	19_13.rawmk4	20_16.rawmk4	21_26.rawmk4
03_08.rawmk4	18_18.rawmk4	19_16.rawmk4	20_27.rawmk4	21_29.rawmk4
03_11.rawmk4	18_21.rawmk4	19_19.rawmk4	20_29.rawmk4	21_32.rawmk4
03_14.rawmk4	18_24.rawmk4	19_22.rawmk4	20_32.rawmk4	21_35.rawmk4
03_17.rawmk4	18_26.rawmk4	19_25.rawmk4	20_35.rawmk4	21_38.rawmk4

03_20.rawmk4	18_29.rawmk4	19_28.rawmk4	20_38.rawmk4	21_41.rawmk4
03_23.rawmk4	18_32.rawmk4	19_31.rawmk4	20_41.rawmk4	21_47.rawmk4
03_26.rawmk4	18_35.rawmk4	19_34.rawmk4	20_44.rawmk4	c17_44.rawmk4
03_29.rawmk4	18_38.rawmk4	19_37.rawmk4	20_47.rawmk4	c17_50.rawmk4
03_32.rawmk4	18_41.rawmk4	19_40.rawmk4	20_50.rawmk4	c17_56.rawmk4
03_35.rawmk4	18_44.rawmk4	19_43.rawmk4	20_53.rawmk4	