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Mauna Loa Solar Observatory Observer's Log  
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Wed Apr 27 17:44:33 GMT 2011

Year: 11 Doy: 117

Observer: berkey

WEATHER COMMENT: Wed Apr 27 17:44:33 GMT 2011

patchy cirrus, temp 49f, wind 7mph from NE

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

Wed Apr 27 17:57:05 GMT 2011 H-ALPHA Start Patrol  
Wed Apr 27 17:58:04 GMT 2011 CHIP Start Patrol  
Wed Apr 27 18:01:50 GMT 2011 CHIP LSD  
Wed Apr 27 18:03:26 GMT 2011 CHIP End LSD  
Wed Apr 27 18:03:32 GMT 2011 CHIP BiasLSD  
Wed Apr 27 18:04:07 GMT 2011 CHIP End BiasLSD  
Wed Apr 27 18:04:13 GMT 2011 CHIP Bias  
Wed Apr 27 18:04:55 GMT 2011 CHIP End Bias  
Wed Apr 27 18:05:00 GMT 2011 CHIP ReStart Patrol  
Wed Apr 27 18:07:14 GMT 2011: PSPT Start Patrol  
Wed Apr 27 18:36:09 GMT 2011: PSPT Abort Patrol  
Wed Apr 27 18:36:15 GMT 2011: PSPT Abort Patrol  
Wed Apr 27 18:36:26 GMT 2011: PSPT Start Patrol

CoMP COMMENT BY BEN: Wed Apr 27 18:38:58 GMT 2011

Changed CoMP occulting disk to #32

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

Wed Apr 27 18:41:50 GMT 2011: PSPT Start Patrol

NOTE BY BEN: Wed Apr 27 18:46:56 GMT 2011

Applying updates to ulua

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

Wed Apr 27 19:14:59 GMT 2011 CoMP Start Patrol

CoMP COMMENT BY BEN: Wed Apr 27 19:29:47 GMT 2011

Switched CoMP occulting disk light dump mirror to spare, since it was found the reflective mylar on the original mirror had delaminated and was causing optical problems reported 12/8/10.

The new mirror sends light to the top of the light dump with some reflection off of the motor controller just above (toward the sun) the light dump. The original mirror (which has a different angle) sent the solar disk light to the bottom of the light dump.

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

Wed Apr 27 19:53:57 GMT 2011 CHIP End Patrol  
Wed Apr 27 19:55:17 GMT 2011 H-ALPHA End Patrol  
Wed Apr 27 19:58:01 GMT 2011 H-ALPHA Start Patrol  
Wed Apr 27 19:58:57 GMT 2011 CHIP Start Patrol  
Wed Apr 27 20:30:22 GMT 2011 CHIP End Patrol  
Wed Apr 27 20:30:34 GMT 2011 CoMP End Patrol  
Wed Apr 27 20:31:17 GMT 2011 H-ALPHA End Patrol  
Wed Apr 27 22:04:17 GMT 2011: PSPT Abort Patrol

CoMP COMMENT BY BEN: Wed Apr 27 22:35:17 GMT 2011

Abandoned the new light dump mirror, and went to occulter #33 which should be the final configuration for service mission.

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

NOTE BY BEN: Wed Apr 27 23:44:10 GMT 2011

Thick clouds moved in at 11:45, CoMP alignments and observing are on hold until conditions improve.

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

Thu Apr 28 00:46:51 GMT 2011 CoMP Start Patrol

Thu Apr 28 00:54:24 GMT 2011 CoMP End Patrol

CoMP COMMENT BY BEN: Thu Apr 28 01:21:24 GMT 2011

Changed CoMP observing program to place a user supplied occulter number into the fits header. (current defaulted to 33)

Changed CoMP observing program to allow the user to select ND filter for 1083. It was selected as position 4 (ND 1) now set to position 5 (ND 5).

Both of these two values now appear in the instrument status area of the main screen.

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

Thu Apr 28 01:38:54 GMT 2011 CoMP Start Patrol

CoMP COMMENT BY BEN: Thu Apr 28 01:40:19 GMT 2011

None of today's CoMP data is any good. All files were taken to test out software settings.

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

CoMP COMMENT BY BEN: Thu Apr 28 01:43:18 GMT 2011

None of today's CoMP data should be reduced. It was taken to test out some software settings with little or no light on the detector

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

Thu Apr 28 01:47:16 GMT 2011

MkIV