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Mauna Loa Solar Observatory Observer's Log  
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Sun Nov 11 16:51:55 GMT 2012

Year: 12 Doy: 316

Observer: berkey

Sun Nov 11 17:00:33 GMT 2012: PSPT Start Patrol  
Sun Nov 11 17:02:24 GMT 2012 CHIP Start Patrol  
Sun Nov 11 17:06:37 GMT 2012 COMP Start Patrol  
Sun Nov 11 17:43:52 GMT 2012 MKIV Start Patrol  
Sun Nov 11 17:50:01 GMT 2012 MKIV End Patrol  
Sun Nov 11 18:02:43 GMT 2012 CHIP LSD  
Sun Nov 11 18:04:45 GMT 2012 CHIP End LSD  
Sun Nov 11 18:04:54 GMT 2012 CHIP BiasLSD  
Sun Nov 11 18:05:42 GMT 2012 CHIP End BiasLSD  
Sun Nov 11 18:05:50 GMT 2012 CHIP Bias  
Sun Nov 11 18:06:39 GMT 2012 CHIP End Bias  
Sun Nov 11 18:06:46 GMT 2012 CHIP ReStart Patrol

WEATHER COMMENT: Sun Nov 11 19:03:57 GMT 2012

clear skies, temp 50f, wind 5mph fomr e

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

Sun Nov 11 19:07:15 GMT 2012 MKIV Start Patrol  
Sun Nov 11 19:14:52 GMT 2012 MKIV End Patrol  
Sun Nov 11 20:07:28 GMT 2012 COMP End Patrol  
Sun Nov 11 20:07:30 GMT 2012 COMP Start Patrol  
Sun Nov 11 23:00:48 GMT 2012 CHIP LSD  
Sun Nov 11 23:02:43 GMT 2012 CHIP End LSD  
Sun Nov 11 23:02:49 GMT 2012 CHIP BiasLSD  
Sun Nov 11 23:03:25 GMT 2012 CHIP End BiasLSD  
Sun Nov 11 23:03:32 GMT 2012 CHIP Bias  
Sun Nov 11 23:04:08 GMT 2012 CHIP End Bias  
Sun Nov 11 23:04:13 GMT 2012 CHIP ReStart Patrol  
Sun Nov 11 23:07:58 GMT 2012 COMP End Patrol  
Sun Nov 11 23:07:59 GMT 2012 COMP Start Patrol

\*\*MKIV PROBLEM COMMENT BY BEN\*\*: Sun Nov 11 23:03:06 GMT 2012

Mk4 digital video and analog signal look low/blank again today.

I also find the O1 guider is railed toward the S while the error suggests the solar disk is to far north.

By eye the solar intensity is very low, I think this may be related to the O1 pointing.

During a visual inspection of the occulter assembly, I found it it was slightly tilted in the east west direction. There were no other obvious problems. When the occulter station was re-assembled we still have a N-S problem.

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

Mon Nov 12 00:07:02 GMT 2012: PSPT Start Patrol  
Mon Nov 12 00:52:28 GMT 2012 COMP End Patrol  
Mon Nov 12 00:52:43 GMT 2012 CHIP End Patrol  
Mon Nov 12 01:03:48 GMT 2012 MKIV Start Patrol  
Mon Nov 12 01:09:55 GMT 2012 MKIV End Patrol  
MKIV COMMENT BY BEN: Mon Nov 12 01:03:25 GMT 2012

Moving the spar south by hand I start to see the intensity increase.

Right now I am taking 2 images with the spar in this condition, with the dec tach on and sky trans telescope blocked. Over the course of the scan the dec has moved.

during this whole period the digital signal never looked good; it was nice to see some light getting to the detector.

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

Mon Nov 12 01:10:59 GMT 2012

MkIV

01\_03.rawmk4 17\_43.rawmk4 19\_07.rawmk4

01\_06.rawmk4 17\_46.rawmk4 19\_11.rawmk4