
Mauna Loa Solar Observatory Observer's Log

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