
Mauna Loa Solar Observatory Observer's Log

Tue Aug 27 17:10:45 GMT 2013

Year: 13 Doy: 239

Observer: mlso

GENERAL OBSERVATORY COMMENT BY mlso: Tue Aug 27 17:11:41 GMT 2013

Comment by Allen. First time using new log system on mlsoserver. Couldn't get to work with my personal login - using the generic 'mlso' login.

____end____

WEATHER COMMENT: mlso: Tue Aug 27 17:15:02 GMT 2013

Clear, wind southeast 5-10 mph, temp 51F.

____end____

Tue Aug 27 17:18:35 GMT 2013: PSPT Start Patrol

CoMP COMMENT BY mlso: Tue Aug 27 17:27:55 GMT 2013

Filled LN2.

____end____

GENERAL OBSERVATORY COMMENT BY stueben: Tue Aug 27 19:12:12 GMT 2013

Test comment.

____end____

Tue Aug 27 22:48:36 GMT 2013 COMP Start Patrol

CoMP COMMENT BY stueben: Tue Aug 27 22:55:02 GMT 2013

Dennis, Brandon and Rob are here. We have adjusted the sgs telescope to be aligned with comp. Running normal comp observation for a while.

Scott's comment: SGS seems to perform well with small tweaks.

____end____

Tue Aug 27 23:22:13 GMT 2013 COMP End Patrol

Tue Aug 27 23:24:05 GMT 2013 COMP Start Patrol

Wed Aug 28 00:08:14 GMT 2013 COMP End Patrol

Wed Aug 28 02:06:42 GMT 2013: PSPT Abort Patrol

KCOR COMMENT BY stueben: Wed Aug 28 02:12:52 GMT 2013

Drill template has been aligned to the spar to Dennis satisfaction and the holes for the alignment pins have been drilled.

Dennis' comments:

We finished the fine details of the spar guider alignment to CoMP.

Basically we manually aligned CoMP to the sun with the spar guider. We, Allen and I, sort of made a human RA drive and nudged CoMP along while the spare guider was set into its nominal (in Yaw/RA) range by Brandon. This was basically done by adjusting its screw mount on the spar. The spar guider was then allowed to track and then micrometer screws were adjusted on the guider to bring CoMP back into fine alignment to the sun.

We (Allen) then started up the CoMP observing sequence. After some 10's of minutes of observing there were some small (10's of arcsec) oscillations in the pointing (I think RA axis). Scott and Brandon worked on the guider code parameters to remove the oscillations. We observed with Comp for what

I think was about 2 hours, and all looked very good to me

I mounted (by magnetic mount) my small 90mm telescope to the spar and checked the pointing to the sun of the spar side K-Cor will mount to. All looked better than what I could measure to. The CoMP side/edges and the K-Cor sides/edges of the spar are pointed to the sun to within the range of K-Cor's adjustment range.

We shut down CoMP.

We mounted the drill template to the spar and drilled out the holes for the 1/8" locating pins. Drill templates are mounted and pins have been inserted and tomorrow we will start drilling out the 30+ holes required for mounting K-Cor parts to the spar.

Tomorrow's activities:

If we can get all the holes drilled and tapped I think that would be a very good day.

___end___