
Mauna Loa Solar Observatory Observer's Log

Mon Apr 28 16:20:41 GMT 2014

Year: 14 Doy: 118

Observer: waters

WEATHER COMMENT: waters: Mon Apr 28 16:21:18 GMT 2014

Cirrus and altocumulus is hanging low on the horizon with scattered cirrus throughout. Temp 40F with windspeed about 5mph from the South-Southeast.

____end____

CoMP COMMENT BY berkey: Mon Apr 28 16:29:41 GMT 2014

Oculter size value changed to 27 in labview, current value set to default and the code was saved/checked in.

____end____

KCOR COMMENT BY berkey: Mon Apr 28 16:32:46 GMT 2014

Changed oculter size in observing code saved and committed changes.

____end____

Mon Apr 28 16:43:47 GMT 2014: PSPT Start Patrol

KCOR COMMENT BY berkey: Mon Apr 28 17:21:46 GMT 2014

Swapped oculter to 996.1" everything went smoothly

____end____

CoMP COMMENT BY berkey: Mon Apr 28 17:22:01 GMT 2014

I was unable to get the CoMP #31 oculter off of the observing post. It seems like the first (sunside) o-ring has swollen or otherwise wedged itself in place. Typically the oculter is barely held on by the o-ring and can easily be shaken off the post. Today even after removing the reflective cone and pushing down directly on the top of the oculter, I was not able to move it.

For now oculter #31 has been reinstalled in CoMP and the observign code value has been put back to #31.

____end____

Mon Apr 28 19:23:29 GMT 2014 KCOR Start Synoptic Patrol

Mon Apr 28 19:24:29 GMT 2014 COMP Start Patrol

Mon Apr 28 19:26:02 GMT 2014 KCOR End Patrol

Mon Apr 28 19:28:45 GMT 2014 KCOR Start Synoptic Patrol

Mon Apr 28 19:30:24 GMT 2014 KCOR End Patrol

Mon Apr 28 19:31:27 GMT 2014 KCOR Start Synoptic Patrol

Mon Apr 28 19:59:02 GMT 2014 KCOR End Patrol

Mon Apr 28 20:01:07 GMT 2014 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Apr 28 20:01:36 GMT 2014

Cirrus has rolled in, Comp, Shabar and Kcor idled.

____end____

Mon Apr 28 20:07:56 GMT 2014 KCOR Start Synoptic Patrol

Mon Apr 28 20:08:42 GMT 2014 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Apr 28 20:08:59 GMT 2014

Started up instruments.

____end____

Mon Apr 28 20:21:23 GMT 2014 KCOR End Patrol

Mon Apr 28 20:21:44 GMT 2014 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Apr 28 20:28:53 GMT 2014

Moved shutter down and while it's down, we will attempt another try at removing and replacing the oculter for Comp.

____end____

Mon Apr 28 20:34:40 GMT 2014 KCOR Start Synoptic Patrol

COMP COMMENT BY berkey: Mon Apr 28 21:00:05 GMT 2014

Occulter 31 was removed but applying a bit more force. Occulter 27 is installed and observing code has been updated. It looks like we were using a black o-ring under the occulter, from what I can remeber this is the first time we used teh black one instead of the red/orange ones. From now on we should make sure to only use the red/orange o-rings since they seem to work better.

____end____

Mon Apr 28 21:04:19 GMT 2014 COMP Start Patrol

Mon Apr 28 21:36:48 GMT 2014 KCOR End Patrol

Mon Apr 28 21:37:21 GMT 2014 COMP End Patrol

Mon Apr 28 21:46:21 GMT 2014: PSPT Abort Patrol

Tue Apr 29 01:25:51 GMT 2014: PSPT Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Tue Apr 29 01:27:23 GMT 2014

Starting up Pspt.

____end____

Tue Apr 29 02:13:19 GMT 2014: PSPT Abort Patrol

Tue Apr 29 02:13:23 GMT 2014: PSPT Abort Patrol

GENERAL OBSERVATORY COMMENT BY waters: Tue Apr 29 02:24:31 GMT 2014

I had a bit of trouble with the Nitrogen tank. Was only able to get a little bit to fill the dewar but the tank reads only a little less than half. Maybe too much out gasing?

____end____