
Mauna Loa Solar Observatory Observer's Log

Wed Jul 5 15:44:15 GMT 2017

Year: 17 Doy: 186

Observer: waters

WEATHER COMMENT: waters: Wed Jul 05 16:12:20 GMT 2017

Temp 41F with windspeed at about 9-15mph from the Southeast. Sky looks clear, although there might be some vog in the air.

____end____

GENERAL COMMENT BY waters: Wed Jul 05 16:56:36 GMT 2017

The RA and DEC were out of sync this morning. The dec would oscillate every couple of seconds then phase back in, then oscillate again and eventually the oscillation would get bigger. When I was able to stop the oscillation of the dec, the ra would start up. But it would dampen and the dec would oscillate again. It looks like the last attempt to straighten it back out has worked but I will keep an eye on it.

____end____

Wed Jul 05 16:59:17 GMT 2017 SGS Alignment complete

Wed Jul 05 16:57:52 GMT 2017 CoMP occulter has been re-centered

Wed Jul 05 16:58:34 GMT 2017 Kcor Focus/alignment program exited

Wed Jul 05 16:59:22 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Wed Jul 05 17:01:38 GMT 2017 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Wed Jul 05 17:02:22 GMT 2017

Blew off the KCor O1 before start up.

____end____

GENERAL COMMENT BY waters: Wed Jul 05 19:08:25 GMT 2017

Wind has increased now; it's between 15-20mph. Will keep an eye on it.

____end____

GENERAL COMMENT BY waters: Wed Jul 05 19:37:49 GMT 2017

Closed the lower part of the shutter to help block the wind a bit. We'll see if that helps.

____end____

Wed Jul 05 19:41:10 GMT 2017 COMP End Patrol

Wed Jul 05 19:42:01 GMT 2017 CoMP occulter has been re-centered

Wed Jul 05 19:42:36 GMT 2017 KCOR End Patrol

Wed Jul 05 19:45:46 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

GENERAL COMMENT BY waters: Wed Jul 05 19:46:13 GMT 2017

Took the time to blow off the KCor O1 during the occulter move.

____end____

Wed Jul 05 19:47:10 GMT 2017 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Wed Jul 05 19:53:07 GMT 2017

Looks like the wind had gusted up enough to show in the data before I put the shutter up. At 19:32-35, you can see it show up. We're getting occasional gusts at about 25mph from the East but raising the lower shutter has helped quite a bit. Keeping a close eye on the wind still.

____end____

Wed Jul 05 19:59:02 GMT 2017 KCOR End Patrol

Wed Jul 05 19:59:03 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Wed Jul 05 20:14:25 GMT 2017 KCOR End Calibration Script

Wed Jul 05 20:14:43 GMT 2017 KCOR Start Synoptic Patrol

Wed Jul 05 20:14:44 GMT 2017 KCOR Start Synoptic Patrol

Wed Jul 05 21:18:17 GMT 2017 COMP End Patrol

Wed Jul 05 21:19:20 GMT 2017 CoMP occulter has been re-centered
Wed Jul 05 21:19:22 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk
Wed Jul 05 22:20:41 GMT 2017 KCOR End Patrol
Wed Jul 05 22:21:27 GMT 2017 KCOR Start Synoptic Patrol
Wed Jul 05 22:22:55 GMT 2017 SGS Alignment complete
Thu Jul 06 00:01:18 GMT 2017 COMP End Patrol
Thu Jul 06 00:01:52 GMT 2017 KCOR End Patrol
Thu Jul 06 00:04:40 GMT 2017 SGS Alignment complete
Thu Jul 06 00:03:23 GMT 2017 KCOR Start Synoptic Patrol
Thu Jul 06 00:03:39 GMT 2017 CoMP occulter has been re-centered
Thu Jul 06 00:03:41 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk
Thu Jul 06 01:35:47 GMT 2017 COMP End Patrol
Thu Jul 06 01:35:48 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk
Thu Jul 06 03:52:02 GMT 2017 KCOR End Patrol
Thu Jul 06 03:52:25 GMT 2017 COMP End Patrol
GENERAL COMMENT BY waters: Thu Jul 06 03:58:16 GMT 2017
Aerosols showed up in the afternoon but otherwise a wonderful day to take data.
____end____