
Mauna Loa Solar Observatory Observer's Log

Sun Jun 19 16:18:54 GMT 2016

Year: 16 Doy: 171

Observer: waters

WEATHER COMMENT: waters: Sun Jun 19 16:21:10 GMT 2016

Temp 45F with windspeed at about 6 mph from the East-Southeast. Bands of cirrus across the sky at present. Might get a window but doesn't look good.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Sun Jun 19 16:28:59 GMT 2016

Bottom shutter of the dome stopped six inches from where it normally rests. Seems that the trigger to stop the bottom was adjusted. If I can find the manual, I'll try to re-adjust it.

____end____

Sun Jun 19 17:10:08 GMT 2016 SGS Alignment complete

GENERAL OBSERVATORY COMMENT BY waters: Sun Jun 19 17:15:26 GMT 2016

Sky is too bright to run instruments.

____end____

Sun Jun 19 17:59:46 GMT 2016 SGS Alignment complete

Sun Jun 19 17:59:51 GMT 2016 KCOR Start Synoptic Patrol

Sun Jun 19 18:00:03 GMT 2016 COMP Start Patrol on cookbook: synoptic-00006.cbk

GENERAL OBSERVATORY COMMENT BY waters: Sun Jun 19 18:00:13 GMT 2016

A nice window has opened up. Instruments started.

____end____

Sun Jun 19 18:07:22 GMT 2016 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jun 19 18:08:53 GMT 2016

A band of thin cirrus coming through, pushing through it.

____end____

Sun Jun 19 18:10:40 GMT 2016 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Sun Jun 19 18:10:30 GMT 2016

Nevermind, instruments idled.

____end____

Sun Jun 19 18:19:49 GMT 2016 KCOR Start Synoptic Patrol

Sun Jun 19 18:19:53 GMT 2016 CoMP Restarted from pause

Sun Jun 19 19:09:50 GMT 2016 KCOR End Patrol

Sun Jun 19 19:14:15 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Sun Jun 19 19:15:16 GMT 2016 KCOR End Patrol

Sun Jun 19 19:17:18 GMT 2016 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jun 19 19:18:07 GMT 2016

The RA just dipped and I'm not entirely sure why. There aren't any clouds in the sky at present and the dome didn't occult SGS.

____end____

KCOR COMMENT BY waters: Sun Jun 19 19:19:27 GMT 2016

I started the Kcor calibration at 19:10UT but it was not recorded in the log and was interrupted by the RA dip.

____end____

Sun Jun 19 19:21:47 GMT 2016 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jun 19 19:23:00 GMT 2016

Started Kcor calibration at 19:22 GMT

____end____

Sun Jun 19 19:39:20 GMT 2016 KCOR Start Synoptic Patrol

Sun Jun 19 19:39:21 GMT 2016 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Sun Jun 19 19:41:12 GMT 2016

Kcor calibration ended 19:39 GMT.

____end____

Sun Jun 19 19:48:47 GMT 2016 SGS Alignment complete

Sun Jun 19 19:51:07 GMT 2016 KCOR End Patrol

Sun Jun 19 19:51:36 GMT 2016 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Sun Jun 19 19:51:31 GMT 2016

A bit of cloud from the West came up. Kcor and Comp idled till it passes.

____end____

Sun Jun 19 19:57:11 GMT 2016 CoMP Restarted from pause

Sun Jun 19 19:58:07 GMT 2016 KCOR Start Synoptic Patrol

Sun Jun 19 20:00:04 GMT 2016 KCOR End Patrol

Sun Jun 19 20:00:34 GMT 2016 KCOR Start Synoptic Patrol

Sun Jun 19 20:05:28 GMT 2016 KCOR End Patrol

Sun Jun 19 20:06:01 GMT 2016 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Sun Jun 19 20:05:44 GMT 2016

A very low cloud is sitting in front of the weather station and looks as if it will come up and swallow the area. Instruments idled for passing clouds and dome can be closed at a moments notice. Will keep an eye out.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Sun Jun 19 20:21:04 GMT 2016

Dome closed for fog

____end____

Sun Jun 19 20:56:38 GMT 2016 CoMP Restarted from pause

Sun Jun 19 20:57:38 GMT 2016 CoMP Paused for clouds

Sun Jun 19 20:58:16 GMT 2016 CoMP Restarted from pause

Sun Jun 19 20:58:58 GMT 2016 KCOR Start Synoptic Patrol

Sun Jun 19 21:00:04 GMT 2016 SGS Alignment complete

GENERAL OBSERVATORY COMMENT BY waters: Sun Jun 19 20:58:42 GMT 2016

Fog/Cloud has gone, instruments restarted.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Sun Jun 19 21:00:31 GMT 2016

Upon lower the bottom shutter, first the cable got caught in the gear and then once that was cleared, the cable got stuck on a bolt.

____end____

Sun Jun 19 21:31:20 GMT 2016 KCOR End Patrol

Sun Jun 19 21:31:44 GMT 2016 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Sun Jun 19 21:33:53 GMT 2016

In fog again, instruments idled and dome closed.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Sun Jun 19 21:34:55 GMT 2016

Wind is starting to gust up to 27mph from the North with a low of 16mph.

____end____

Mon Jun 20 01:08:23 GMT 2016 CoMP Restarted from pause

Mon Jun 20 01:11:20 GMT 2016 SGS Alignment complete

Mon Jun 20 01:13:45 GMT 2016 CoMP End Patrol

Mon Jun 20 01:14:37 GMT 2016 KCOR Start Synoptic Patrol

Mon Jun 20 01:14:43 GMT 2016 CoMP Start Patrol on cookbook: synoptic-00006.cbk

Mon Jun 20 01:15:15 GMT 2016 KCOR End Patrol

Mon Jun 20 01:15:44 GMT 2016 CoMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Jun 20 01:22:55 GMT 2016

The lower shutter gear tried to pull the taught cable further than it could go and did a slip(?) back to position and then stopped. Not too sure what that was about.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Mon Jun 20 01:24:36 GMT 2016

I did not work on the lower shutter trigger. Ben had adjusted the tension on the lower shutter earlier this week and when I mentioned the shutter problem I had this morning, he said he would look into it tomorrow.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Mon Jun 20 01:26:51 GMT 2016

The clouds had finally gone and I thought I would have a clear half hour before I left; as soon as everything was ready to go and then running, clouds came in again. Hope there is better weather for everyone this week.

____end____