
Mauna Loa Solar Observatory Observer's Log

Sun Jul 3 16:12:19 GMT 2016

Year: 16 Doy: 185

Observer: waters

WEATHER COMMENT: waters: Sun Jul 3 16:12:23 GMT 2016

Temp 48F with windspeed at about 12-17 mph with occasionally gusts up to 21mph from the South-Southeast. Building might be blocking some of the wind, so the anemometer we get our readings might not be accurate. Some cirrus to the North but otherwise a beautiful morning for data collection.

__end__

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 3 16:31:45 GMT 2016

We have a bit of a problem with the dome. I'm not sure if it's due to the wind pushing against the weather striping or the dome itself but the dome seems to be catching on something in two spots when the dome is rotated cw. It rotates without a hitch ccw and it will rotate cw for most of the time but right below the bottom shutter (shutter opening facing West), the rotator will start skipping and won't move. When the shutter is facing the East and it tries to go cw, the rotator will skip and the dome won't rotate. Not too sure what is happening, but will keep an eye on it.

__end__

Sun Jul 03 16:56:38 GMT 2016 SGS Alignment complete

Sun Jul 03 17:00:56 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk

Sun Jul 03 17:03:09 GMT 2016 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 3 17:20:36 GMT 2016

There is currently a film crew up here doing 360 camera shooting of the weather station and MLSO. Pretty cool camera set up.

__end__

Sun Jul 03 18:29:15 GMT 2016 KCOR End Patrol

Sun Jul 03 18:46:53 GMT 2016 KCOR Start Synoptic Patrol

Sun Jul 03 18:46:54 GMT 2016 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 3 19:38:55 GMT 2016

Calibration taken at 1829 GMT

Ended 18:46 GMT

__end__

Sun Jul 03 19:41:54 GMT 2016 COMP End Patrol

Sun Jul 03 19:41:55 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 3 19:42:00 GMT 2016

I moved the dome slightly cw earlier to see if the dome was catching still and it did but it pushed through it. I'll do another full check before I leave to see if it's still getting hung up with the wind calmed down.

__end__

Sun Jul 03 20:24:57 GMT 2016 SGS Alignment complete

Sun Jul 03 20:59:59 GMT 2016 KCOR End Patrol

Sun Jul 03 21:00:22 GMT 2016 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 3 21:00:12 GMT 2016

Some cirrus has come up from the Northwest. Comp and Kcor idled for now.

__end__

Sun Jul 03 21:55:09 GMT 2016 CoMP Restarted from pause

Sun Jul 03 21:55:57 GMT 2016 KCOR Start Synoptic Patrol

Sun Jul 03 22:10:22 GMT 2016 COMP End Patrol

Sun Jul 03 22:12:12 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk

Sun Jul 03 22:12:48 GMT 2016 COMP End Patrol

Sun Jul 03 22:12:48 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 3 22:13:00 GMT 2016

Comp occulter adjusted.

__end__

Sun Jul 03 22:40:22 GMT 2016 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 3 22:40:38 GMT 2016

Cirrus moving in from the West again, instruments idled.

__end__

Sun Jul 03 22:41:04 GMT 2016 CoMP Paused for clouds

Sun Jul 03 23:35:58 GMT 2016 SGS Alignment complete

Sun Jul 03 23:36:33 GMT 2016 CoMP Restarted from pause

Sun Jul 03 23:36:33 GMT 2016 COMP End Patrol

Sun Jul 03 23:37:19 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk

Sun Jul 03 23:49:18 GMT 2016 KCOR Start Synoptic Patrol

Sun Jul 03 23:51:59 GMT 2016 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 3 23:52:10 GMT 2016

Sucker hole, instruments idled.

____end____

Sun Jul 03 23:52:40 GMT 2016 CoMP Paused for clouds

Mon Jul 04 01:01:19 GMT 2016 KCOR Start Synoptic Patrol

Mon Jul 04 01:01:26 GMT 2016 CoMP Restarted from pause

Mon Jul 04 01:22:23 GMT 2016 KCOR End Patrol

Mon Jul 04 01:23:04 GMT 2016 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Jul 4 01:30:52 GMT 2016

Did a full rotation of the dome going cw. Worked smoothly, no hitches. Must have been the wind pushing against something. Not sure. Ah well, not too bad of a day otherwise!

____end____