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Mauna Loa Solar Observatory Observer's Log  
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Wed Dec 7 16:54:35 GMT 2016

Year: 16 Doy: 342

Observer: berkey

WEATHER COMMENT: berkey: Wed Dec 07 16:55:02 GMT 2016

Temp: 43.2f, Humidity: 67%, Pressure: 28.738in, Wind: 4mph from 107degs, Skies: partly cloudy looks like we will get a bit of observing in today.

\_\_\_\_end\_\_\_\_

Wed Dec 07 17:46:57 GMT 2016 SGS Alignment complete

Wed Dec 07 17:47:09 GMT 2016 CoMP occulter has been re-centered

Wed Dec 07 17:48:27 GMT 2016 Kcor Focus/alignment program exited

Wed Dec 07 17:48:41 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk

Wed Dec 07 17:59:30 GMT 2016 CoMP Paused for clouds

Wed Dec 07 18:03:23 GMT 2016 CoMP Restarted from pause

GENERAL COMMENT BY berkey: Wed Dec 07 18:11:13 GMT 2016

Observing now but there are clouds in most of the images so data aren't very good.

\_\_\_\_end\_\_\_\_

Wed Dec 07 18:22:25 GMT 2016 KCOR Start Synoptic Patrol

GONG COMMENT BY berkey: Wed Dec 07 18:22:39 GMT 2016

Gong turret un-stowed.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY berkey: Wed Dec 07 18:23:25 GMT 2016

Not enough data to be sure but there appears to be a family large eruptive prominence PA290

\_\_\_\_end\_\_\_\_

Wed Dec 07 18:34:02 GMT 2016 KCOR End Patrol

Wed Dec 07 18:36:21 GMT 2016 CoMP Paused for clouds

Wed Dec 07 19:04:20 GMT 2016 CoMP Restarted from pause

Wed Dec 07 19:08:06 GMT 2016 KCOR Start Synoptic Patrol

Wed Dec 07 19:13:56 GMT 2016 KCOR End Patrol

Wed Dec 07 19:18:37 GMT 2016 KCOR Start Synoptic Patrol

Wed Dec 07 19:28:24 GMT 2016 KCOR End Patrol

Wed Dec 07 19:29:01 GMT 2016 CoMP Paused for clouds

Wed Dec 07 19:35:39 GMT 2016 CoMP Restarted from pause

Wed Dec 07 19:37:10 GMT 2016 KCOR Start Synoptic Patrol

GONG COMMENT BY berkey: Wed Dec 07 19:40:01 GMT 2016

Gong is not tracking the sun this morning. Tried turning the guider on and off from the gongExpert but it never seems to lock. Email in to gong\_ops for guidance.

\_\_\_\_end\_\_\_\_

Wed Dec 07 19:42:51 GMT 2016 SGS Alignment complete

Wed Dec 07 19:49:59 GMT 2016 KCOR End Patrol

Wed Dec 07 19:52:57 GMT 2016 CoMP Paused for clouds

Wed Dec 07 20:50:06 GMT 2016 CoMP Restarted from pause

GONG COMMENT BY berkey: Wed Dec 07 20:50:57 GMT 2016

Sang rebooted the inst/data computeres which cleared up the guiding issue.

\_\_\_end\_\_\_

Wed Dec 07 20:54:19 GMT 2016 SGS Alignment complete

Wed Dec 07 20:56:29 GMT 2016 CoMP Paused for clouds

GENERAL COMMENT BY berkey: Wed Dec 07 20:58:29 GMT 2016  
Dome closed for lower clouds moving in from the SW.

\_\_\_end\_\_\_

Wed Dec 07 20:58:46 GMT 2016 CoMP Restarted from pause

Wed Dec 07 20:58:46 GMT 2016 COMP End Patrol

GENERAL COMMENT BY berkey: Wed Dec 07 22:42:33 GMT 2016  
Blowing fog

\_\_\_end\_\_\_

GENERAL COMMENT BY berkey: Wed Dec 07 23:53:09 GMT 2016

Gong turret stowed and comp camera powered down.

\_\_\_end\_\_\_

KCOR COMMENT BY berkey: Thu Dec 08 00:03:20 GMT 2016

Running long kcor dark test.

\_\_\_end\_\_\_

KCOR COMMENT BY berkey: Thu Dec 8 05:30:52 GMT 2016

Took a bunch of kcor darks at 1.5 and 1ms seconds to look for trends in the darks vs time and to check how the darks compared before and after sunset.

00:03:51-00:28:49 1.5ms darks

00:28:49-00:49:16 1ms darks

01:45:45-02:19:10 1.5ms darks

02:20:08-02:50:46 1ms darks

04:55:37-05:14:50 1.5ms darks

05:18:42-05:30:04 1ms darks

\_\_\_end\_\_\_