
Mauna Loa Solar Observatory Observer's Log

Thu Nov 23 16:57:06 GMT 2017

Year: 17 Doy: 327

Observer: waters

WEATHER COMMENT: waters: Thu Nov 23 16:57:10 GMT 2017

Temp 33F with windspeed at about 5-10mph from the West-Southwest. A little bit of cirrus just Southeast of the mountain and some fog passing below at about 10,800 ft but otherwise the sky is clear.

____end____

KCOR COMMENT BY waters: Thu Nov 23 17:27:36 GMT 2017

Kcor temp at 32.5C, will wait a bit for it to warm up before starting.

____end____

GENERAL COMMENT BY waters: Thu Nov 23 17:29:57 GMT 2017

PM Blew off Kcor O1

____end____

GENERAL COMMENT BY waters: Thu Nov 23 17:30:03 GMT 2017

PM Blew off CoMP O1

____end____

Thu Nov 23 17:35:01 GMT 2017 CoMP occulter has been re-centered

GENERAL OBSERVATORY COMMENT BY waters: Thu Nov 23 17:37:50 GMT 2017

Cirrus crossing the Sun at the moment, delaying start up.

____end____

KCOR COMMENT BY waters: Thu Nov 23 17:46:27 GMT 2017

Got an error with SPiiPlus again this morning.

Exception occurred in SPiiPlusCOM660.Channel.1: Code 130, Timeout expired in K-Cor-ACS-Enable.vi->K-Cor-Mechanism-Get Mech Position.vi->K-Cor MC4U Controller.vi

____end____

GENERAL OBSERVATORY COMMENT BY waters: Thu Nov 23 17:56:22 GMT 2017

Tried restarting the KCor computer, rebooting the SPiiPlus through a vi on Kcor to no avail. Restarting kcor because everything crashed when I tried to stop the MC4U controller vi.

____end____

Thu Nov 23 18:03:11 GMT 2017 CoMP occulter has been re-centered

Thu Nov 23 18:05:23 GMT 2017 Kcor Focus/alignment program exited

GENERAL OBSERVATORY COMMENT BY waters: Thu Nov 23 18:15:42 GMT 2017

Went upstairs and inspected Kcor's O1, it was resting all the way back on vent. I manually moved it to what I think is the middle of its range. Currently trying to see if the error will clear now by restarting the SPii.

____end____

CoMP COMMENT BY waters: Thu Nov 23 18:22:44 GMT 2017

Delayed Comp start up for manually adjusting Kcor O1.

____end____

Thu Nov 23 18:35:31 GMT 2017 SGS Alignment complete

Thu Nov 23 18:33:54 GMT 2017 CoMP occulter has been re-centered

Thu Nov 23 18:33:58 GMT 2017 CoMP Start Patrol on cookbook: synoptic-00010.cbk

Thu Nov 23 18:35:25 GMT 2017 Kcor Focus/alignment program exited

Thu Nov 23 18:38:20 GMT 2017 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Thu Nov 23 18:30:28 GMT 2017

After I repositioned the Kcor O1 I got a slightly different exception.

Exception occurred in SPiiPlusCOM660.Channel.1:Code 132, Communication initialization failure in K-Cor-ACS-Connect.vi->K-cor Mechanism_Digital_Input.vi->K-Cor MC4U Controller.vi

Shut down the Kcor computer and rebooted SPii as per Bens' instructions. Got everything back up and running again.

____end____

Thu Nov 23 19:19:08 GMT 2017 KCOR End Patrol

Thu Nov 23 19:18:34 GMT 2017 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Thu Nov 23 19:17:33 GMT 2017

Looked outside to check the sky and although the sky is clear, its misting right now. Closed the dome and paused instruments.

____end____

Thu Nov 23 19:56:48 GMT 2017 CoMP Restarted from pause

Thu Nov 23 19:58:32 GMT 2017 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Thu Nov 23 19:55:32 GMT 2017

The air dried out and things look good for starting up again. Will keep an eye on things.

____end____

Thu Nov 23 20:15:12 GMT 2017 SGS Alignment complete
Thu Nov 23 20:48:24 GMT 2017 KCOR End Patrol
Thu Nov 23 20:48:25 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini
Thu Nov 23 21:03:42 GMT 2017 KCOR End Calibration Script
Thu Nov 23 21:04:00 GMT 2017 KCOR Start Synoptic Patrol
Thu Nov 23 21:04:01 GMT 2017 KCOR Start Synoptic Patrol
Thu Nov 23 21:10:40 GMT 2017 KCOR End Patrol
Thu Nov 23 21:10:02 GMT 2017 CoMP Paused for clouds
GENERAL OBSERVATORY COMMENT BY waters: Thu Nov 23 21:08:02 GMT 2017
Clouds coming in from the West, instruments idled for now.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Thu Nov 23 21:16:25 GMT 2017
The clouds look a little low, closing the dome just in case.

____end____

Thu Nov 23 21:34:58 GMT 2017 CoMP Restarted from pause
Thu Nov 23 21:37:06 GMT 2017 KCOR Start Synoptic Patrol
Thu Nov 23 21:40:15 GMT 2017 KCOR End Patrol
Thu Nov 23 21:41:23 GMT 2017 KCOR Start Synoptic Patrol
Thu Nov 23 21:48:10 GMT 2017 SGS Alignment complete
Thu Nov 23 21:50:10 GMT 2017 KCOR End Patrol
Thu Nov 23 21:49:04 GMT 2017 CoMP Paused for clouds
GENERAL OBSERVATORY COMMENT BY waters: Thu Nov 23 21:47:01 GMT 2017
Clouds coming in low again, instruments idled and dome closed.

____end____

Fri Nov 24 00:18:07 GMT 2017 SGS Alignment complete
Fri Nov 24 00:16:19 GMT 2017 CoMP Restarted from pause
Fri Nov 24 00:16:20 GMT 2017 CoMP End Patrol
Fri Nov 24 00:17:58 GMT 2017 Kcor Focus/alignment program exited
Fri Nov 24 00:16:50 GMT 2017 CoMP occulter has been re-centered
Fri Nov 24 00:18:53 GMT 2017 CoMP occulter has been re-centered
Fri Nov 24 00:21:02 GMT 2017 KCOR Start Synoptic Patrol
Fri Nov 24 00:20:23 GMT 2017 CoMP Start Patrol on cookbook: waves-00001.cbk
GENERAL OBSERVATORY COMMENT BY waters: Fri Nov 24 00:37:54 GMT 2017
Some cirrus passing low, pushing through it.

____end____

Fri Nov 24 00:45:10 GMT 2017 KCOR End Patrol
Fri Nov 24 00:45:08 GMT 2017 CoMP Paused for clouds
GENERAL OBSERVATORY COMMENT BY waters: Fri Nov 24 00:44:19 GMT 2017
Clouds came up a little higher, instruments idled for a bit.

____end____

Fri Nov 24 00:58:16 GMT 2017 KCOR Start Synoptic Patrol
Fri Nov 24 00:56:58 GMT 2017 CoMP Restarted from pause
Fri Nov 24 01:21:46 GMT 2017 KCOR End Patrol
Fri Nov 24 01:20:39 GMT 2017 CoMP Paused for clouds
GENERAL OBSERVATORY COMMENT BY waters: Fri Nov 24 01:20:32 GMT 2017
Clouds coming up again, instruments idled.

____end____

Fri Nov 24 01:27:35 GMT 2017 CoMP Restarted from pause
Fri Nov 24 01:29:34 GMT 2017 KCOR Start Synoptic Patrol
Fri Nov 24 01:31:38 GMT 2017 KCOR End Patrol
Fri Nov 24 01:32:07 GMT 2017 KCOR Start Synoptic Patrol
Fri Nov 24 01:36:00 GMT 2017 KCOR End Patrol
Fri Nov 24 01:35:08 GMT 2017 CoMP Paused for clouds
Fri Nov 24 01:41:22 GMT 2017 KCOR Start Synoptic Patrol
Fri Nov 24 01:40:06 GMT 2017 CoMP Restarted from pause
Fri Nov 24 02:18:08 GMT 2017 CoMP End Patrol
Fri Nov 24 02:18:09 GMT 2017 CoMP Start Patrol on cookbook: synoptic-00010.cbk
Fri Nov 24 02:24:39 GMT 2017 KCOR End Patrol
Fri Nov 24 02:23:52 GMT 2017 CoMP End Patrol
GENERAL OBSERVATORY COMMENT BY waters: Fri Nov 24 02:22:22 GMT 2017
Doghouse door wouldn't shut properly until I jiggled the handle up and down.

____end____

GENERAL OBSERVATORY COMMENT BY waters: Fri Nov 24 02:29:02 GMT 2017

Day started off clear but then clouds and some mist came up for a little bit. Luckily they dissipated. Clouds came back in the afternoon and it was touch and go for a while. Hopefully tomorrow will be better. Happy Thanksgiving!

____end____