
Mauna Loa Solar Observatory Observer's Log

Thu Feb 8 16:52:52 GMT 2018

Year: 18 Doy: 039

Observer: waters

WEATHER COMMENT: waters: Thu Feb 08 17:03:19 GMT 2018

Temp 31F with windspeed at about 9-15mph from the West-Southwest. Sky looks a bit bright but otherwise it's clear at the moment.

Hard snow between 8,000ft to 10,000ft with frost on the ends, so slow going coming up. The boardwalk was a little bit slick, walked on the lave that didn't have snow.

____end____

KCOR COMMENT BY waters: Thu Feb 08 17:08:53 GMT 2018

Kcor temp at 31.8C. Will wait for it to warm up before starting.

____end____

****GENERAL PROBLEM COMMENT BY berkey**** : Thu Feb 8 17:18:14 GMT 2018

During one of the electrical outages yesterday SGS lost its Ethernet connection. The chassis seems to reboot whenever windows tries to write to or otherwise talk to the Ethernet port. Such that the system would tend to boot up ok for a while then suddenly restart, sending the system into recovery mode (which wouldn't work). If the Ethernet cable was pulled out the system would boot fine, but instantly reboot. This rebooting happened even if the farside of the Ethernet cable was disconnected.

We also ended up with a KVM extension issue either due to mistake in troubleshooting the Ethernet problem or due to the power issue. As of right now the KVM extension boxes are bypassed and we have a long VGA and USB cable connecting the SGS computer to the observer's console.

The functionality of the SGS otherwise seems correct.

With no network on the SGS we no longer have:

-The automatic lens cover on Kcor. If the guiding gets back observers need to intervene manual.

-No SGS kcor keywords.

-No SGS log on Kodiak to compare with shabar

____end____

KCOR COMMENT BY berkey: Thu Feb 8 17:24:13 GMT 2018

Added a new condition to kcor get sgs, such that if the sgs is unavailable all the SGS keywords will be set to NaN. This is turned on or off with a Boolean constant in the K-Cor - FITS - Parse C-Thread to FITS vi. Since this code is a kludge for the broken SGS feed, I think it is ok to manually turn it on now and leave it on until we replace SGS hardware.

____end____

COMP COMMENT BY waters: Thu Feb 08 17:27:04 GMT 2018

Comp cover was not in this morning.

____end____

Thu Feb 08 18:13:16 GMT 2018 COMP occulter has been re-centered

GENERAL COMMENT BY waters: Thu Feb 08 18:13:18 GMT 2018

Sky is too bright to run instruments at the moment. Waiting for better conditions before starting up.

____end____

Thu Feb 08 19:38:46 GMT 2018 COMP occulter has been re-centered

Thu Feb 08 19:40:24 GMT 2018 COMP Start Patrol on cookbook: synoptic-00012.cbk

GENERAL COMMENT BY waters: Thu Feb 08 19:50:37 GMT 2018

PM Blew off Kcor O1

____end____

GENERAL COMMENT BY waters: Thu Feb 08 19:50:41 GMT 2018
PM Blew off CoMP O1

____end____

GENERAL COMMENT BY waters: Thu Feb 08 20:06:46 GMT 2018
Sky is still a little too bright for K-Cor

____end____

Thu Feb 08 20:34:31 GMT 2018 Kcor Focus/alignment program exited

Thu Feb 08 21:15:27 GMT 2018 COMP End Patrol

Thu Feb 08 21:16:45 GMT 2018 CoMP occulter has been re-centered

Thu Feb 08 21:16:46 GMT 2018 COMP Start Patrol on cookbook: synoptic-00012.cbk

Thu Feb 08 21:44:32 GMT 2018 Kcor Focus/alignment program exited

Thu Feb 08 21:48:58 GMT 2018 KCOR Start Synoptic Patrol

Thu Feb 08 22:18:44 GMT 2018 KCOR End Patrol

Thu Feb 08 22:19:11 GMT 2018 COMP End Patrol

WEATHER COMMENT: waters: Thu Feb 08 22:24:24 GMT 2018

In rapidly building orographic clouds, blowing fog nearby, instruments idled and dome closed.

____end____

GENERAL COMMENT BY waters: Thu Feb 08 22:58:34 GMT 2018
A bit of fog and a light rain at the moment.

____end____

Thu Feb 08 23:45:32 GMT 2018 Kcor Focus/alignment program exited

Thu Feb 08 23:46:20 GMT 2018 CoMP occulter has been re-centered

Thu Feb 08 23:46:23 GMT 2018 COMP Start Patrol on cookbook: synoptic-00012.cbk

Thu Feb 08 23:48:26 GMT 2018 KCOR Start Synoptic Patrol

WEATHER COMMENT: waters: Thu Feb 08 23:48:15 GMT 2018

Sky is still bright but it has cleared, starting up the instruments.

____end____

Fri Feb 09 01:20:51 GMT 2018 COMP End Patrol

Fri Feb 09 01:20:52 GMT 2018 COMP Start Patrol on cookbook: waves-00003.cbk

Fri Feb 09 02:24:00 GMT 2018 KCOR End Patrol

Fri Feb 09 02:24:02 GMT 2018 COMP End Patrol

GENERAL COMMENT BY waters: Fri Feb 09 02:30:25 GMT 2018

Just a note, we didn't get a data stream for K-Cor today.

____end____

GENERAL COMMENT BY waters: Fri Feb 09 02:31:14 GMT 2018

Sky was bright, much worse in the morning than in the afternoon. We did get a rush of clouds and a bit of rain about mid day but it cleared up. Hopefully tomorrows' sky will be less bright.

____end____

ONSITE STAFF: stueben, waters