
Mauna Loa Solar Observatory Observer's Log

Fri Mar 12 16:33:56 GMT 2021

Year: 21 Doy: 071

Observer: lisapg

WEATHER COMMENT: lisapg: Fri Mar 12 16:48:59 GMT 2021

Temp: 35.6f with windspeed at about 9-15mph from the Southwest. A few bands of cirrus cover the North and a little bit to the East-Southeast but it's clear above and to the West-Southwest. Hoping we can start observations today!

Road was a little patchy with ice from 8,000ft and frosty from 9,500ft all the way to the upper parking lot.

____end____

GONG COMMENT BY lisapg: Fri Mar 12 17:48:58 GMT 2021

Went down to the GONG shelter to install the Das Logic board. Spare is labeled Das Logic Board 3/2021 and is above the optical table.

____end____

GENERAL COMMENT BY lisapg: Fri Mar 12 17:49:05 GMT 2021

Opened windows upstairs

____end____

GENERAL COMMENT BY lisapg: Fri Mar 12 17:49:08 GMT 2021

PM Blew off Kcor O1

____end____

Fri Mar 12 17:51:23 GMT 2021 Kcor Focus/alignment program exited

GENERAL COMMENT BY lisapg: Fri Mar 12 17:53:21 GMT 2021

As soon as I started, some cirrus starts passing. Pushing through it.

____end____

Fri Mar 12 17:54:05 GMT 2021 KCOR Start Synoptic Patrol

GENERAL COMMENT BY lisapg: Fri Mar 12 18:05:21 GMT 2021

SGS now clears the value when entering a new one; unfortunately this caused the spar to move too far since I entered the wrong number. A couple of bad images are the result.

____end____

Fri Mar 12 18:06:51 GMT 2021 KCOR End Patrol

Fri Mar 12 18:06:54 GMT 2021 KCOR End Patrol

Fri Mar 12 18:08:31 GMT 2021 KCOR Start Synoptic Patrol

GENERAL COMMENT BY lisapg: Fri Mar 12 18:09:20 GMT 2021

PM Blew off Kcor Field Lens

____end____

GENERAL COMMENT BY lisapg: Fri Mar 12 18:13:36 GMT 2021

Blowing off the field lens did not help remove the artifacts that I'm seeing in the data.

____end____

Fri Mar 12 18:15:06 GMT 2021 KCOR End Patrol

Fri Mar 12 18:15:14 GMT 2021 KCOR End Patrol

Fri Mar 12 18:16:45 GMT 2021 KCOR Start Synoptic Patrol

GENERAL COMMENT BY lisapg: Fri Mar 12 18:17:35 GMT 2021

PM Blew off Kcor O1

____end____

Fri Mar 12 18:23:29 GMT 2021 KCOR End Patrol

Fri Mar 12 18:23:35 GMT 2021 KCOR End Patrol

Fri Mar 12 18:25:35 GMT 2021 KCOR Start Synoptic Patrol
GENERAL COMMENT BY lisapg: Fri Mar 12 18:26:48 GMT 2021
PM Blew off Kcor Field Lens

____end____

GENERAL COMMENT BY lisapg: Fri Mar 12 18:31:28 GMT 2021
Blowing off the O1 and the Field lens (again) did not remove the artifacts in the Northeast, West and Southwest.

____end____

GONG COMMENT BY lisapg: Fri Mar 12 18:39:52 GMT 2021
Went down to the GONG shelter to switch the oscilloscope from the waveplate to the Das board.

____end____

Fri Mar 12 18:43:04 GMT 2021 KCOR End Patrol
Fri Mar 12 18:43:18 GMT 2021 KCOR End Patrol
GENERAL COMMENT BY lisapg: Fri Mar 12 18:43:18 GMT 2021
Cirrus passing, pushing through

____end____

GENERAL COMMENT BY lisapg: Fri Mar 12 18:55:16 GMT 2021
Cirrus is forming as it starts to cross the Sun. Waiting for better conditions before starting up again.

____end____

Fri Mar 12 19:15:47 GMT 2021 Kcor Focus/alignment program exited
Fri Mar 12 19:17:41 GMT 2021 KCOR Start Synoptic Patrol
Fri Mar 12 19:17:41 GMT 2021 KCOR End Patrol
Fri Mar 12 19:17:44 GMT 2021 KCOR Start Synoptic Patrol
Fri Mar 12 19:21:23 GMT 2021 KCOR End Patrol
Fri Mar 12 19:21:23 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini
GENERAL COMMENT BY lisapg: Fri Mar 12 19:35:54 GMT 2021
Sky looks very bright at the moment. Don't know how good this calibration will be.

____end____

Fri Mar 12 19:36:38 GMT 2021 KCOR End Calibration Script
Fri Mar 12 19:36:55 GMT 2021 KCOR Start Synoptic Patrol
Fri Mar 12 19:36:55 GMT 2021 KCOR Start Synoptic Patrol
GONG COMMENT BY lisapg: Fri Mar 12 19:58:19 GMT 2021
Went down to the GONG shelter and swapped out the far right servo board as per request from Steve.

____end____

Fri Mar 12 21:14:53 GMT 2021 KCOR End Patrol
Fri Mar 12 21:14:57 GMT 2021 KCOR End Patrol
GENERAL COMMENT BY lisapg: Fri Mar 12 21:16:21 GMT 2021
Clouds crossing, Kcor idled for now.

____end____

Fri Mar 12 21:17:08 GMT 2021 KCOR Start Synoptic Patrol
Fri Mar 12 21:17:37 GMT 2021 KCOR End Patrol
Fri Mar 12 21:17:44 GMT 2021 KCOR End Patrol
GENERAL COMMENT BY lisapg: Fri Mar 12 21:24:02 GMT 2021
Kcor stopped and dome closed for some low clouds that may come in.

____end____

GONG COMMENT BY lisapg: Fri Mar 12 22:27:17 GMT 2021
All (if not, most) boards that have been replaced within the last week or so have been repackaged and placed in a box labeled 'Bad' that is currently on the desk in the GONG shelter. Some are packed together in bubble wrap and labeled 'bad' with more specific labels on the actual packaging beneath said bubble wrap.

Contents:

Command Board
Servo Driver board
Waveplate Board
Drive ISO board
DAS Board

____end____

GENERAL COMMENT BY lisapg: Fri Mar 12 23:44:12 GMT 2021

____end____

GENERAL COMMENT BY lisapg: Fri Mar 12 23:44:13 GMT 2021

____end____

GENERAL COMMENT BY lisapg: Sat Mar 13 00:56:56 GMT 2021

In and out of clouds with windspeed at 21-26mph from the West-Southwest. Dome currently closed

____end____

GONG COMMENT BY lisapg: Sat Mar 13 01:30:42 GMT 2021

Added

CPU board

ADC board

to the 'Bad' box as Ben reminded me that they were swapped out 3/3. We're not too sure if they are bad boards but it would n't hurt to have them tested, unless they tell us otherwise.

____end____

GENERAL COMMENT BY lisapg: Sat Mar 13 01:57:46 GMT 2021

No data for the rest of the day but we got some.

____end____

GENERAL COMMENT BY lisapg: Sat Mar 13 01:57:47 GMT 2021

____end____

ONSITE STAFF: lisapg