
Mauna Loa Solar Observatory Observer's Log

Sun Mar 22 17:04:10 GMT 2020

Year: 20 Doy: 082

Observer: berkey

WEATHER COMMENT: berkey: Sun Mar 22 17:05:40 GMT 2020

Temp: 40.1f, Humidity: 57%, Pressure: 28.76lin, Wind: 12mph from 113deg, Skies: patchy cirrus

____end____

GENERAL COMMENT BY berkey: Sun Mar 22 17:08:36 GMT 2020

PM Blew off Kcor 01 and opened windows

____end____

GENERAL COMMENT BY berkey: Sun Mar 22 17:11:29 GMT 2020

The facility had a power outage Friday afternoon and it took until Saturday evening for the power company to resolve the issue.

So far the issues found are:

Looks like moonfish and wahoo do not power backup when power is restored.

____end____

Sun Mar 22 17:12:04 GMT 2020 Kcor Focus/alignment program exited

Sun Mar 22 17:48:31 GMT 2020 Kcor Focus/alignment program exited

Sun Mar 22 17:49:13 GMT 2020 SGS Alignment complete

KCOR COMMENT BY berkey: Sun Mar 22 18:07:01 GMT 2020

Kcor pixie chassis not staying on. Seems like this is the too cold failure mode adding head to the nema box to try to bring the chassis up to temp

____end____

Sun Mar 22 18:39:41 GMT 2020 Kcor Focus/alignment program exited

Sun Mar 22 20:11:11 GMT 2020 Kcor Focus/alignment program exited

KCOR COMMENT BY berkey: Sun Mar 22 20:12:16 GMT 2020

Pixie chassis is back and we are taking data.

____end____

Sun Mar 22 20:12:47 GMT 2020 KCOR Start Synoptic Patrol

Sun Mar 22 20:32:05 GMT 2020 KCOR End Patrol

Sun Mar 22 20:32:08 GMT 2020 KCOR End Patrol

Sun Mar 22 21:00:12 GMT 2020 KCOR Start Synoptic Patrol

GPS COMMENT by MLSO: Sun Mar 22 21:45:06 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

dataoutiq_2020_033_2226.bin 2147483647

dataoutiq_2020_034_2226.bin 2147483647

dataoutiq_2020_035_2226.bin 2147483647

dataoutiq_2020_036_2226.bin 2147483647

dataoutiq_2020_037_2226.bin 2147483647

____end____

Sun Mar 22 22:16:48 GMT 2020 KCOR End Patrol

Sun Mar 22 22:16:49 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sun Mar 22 22:32:04 GMT 2020 KCOR End Calibration Script

Sun Mar 22 22:32:20 GMT 2020 KCOR Start Synoptic Patrol

Sun Mar 22 22:32:21 GMT 2020 KCOR Start Synoptic Patrol

Mon Mar 23 00:02:57 GMT 2020 KCOR End Patrol

Mon Mar 23 00:07:28 GMT 2020 SGS Alignment complete

Mon Mar 23 00:10:18 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Mon Mar 23 00:19:46 GMT 2020

Fixed power recovery issues.

Wahoo and moonfish bios set to turn on on power recovery. They now should come backup automatically after the ups's restart.

Building camea system now periodically checks its mount with kodiak and attempts to remount as need. This should fix the bug we had this morning where the camera system came up before kodiak yesterday so we didn't start getting external images until the mount was manually reestablished.

____end____

GENERAL COMMENT BY berkey: Mon Mar 23 01:27:55 GMT 2020

We haven't been seeing moveis from gong halpha for a little while.

Poking around it looks like the kodiak ldm luna scripts weren't parsing the gong website correctly any more. They must have made change to the page layout. Chaning the excmds regular experssions in get_gongjps I was able to find set of commands tha properly parsed the new web layout. In my mind most regular expressions are write only, to the point that I dont know what th old ones did to pull out the file names.

____end____

GENERAL COMMENT BY berkey: Mon Mar 23 03:14:06 GMT 2020

Sky conditions were marginal this morning, but after the cirrus cleared we had a rather nice afternoon. Some aerosols but compaired to the average afternoon good.

____end____

ONSITE STAFF: berkey