
Mauna Loa Solar Observatory Observer's Log

Thu Jan 21 17:07:36 GMT 2016

Year: 16 Doy: 021

Observer: berkey

WEATHER COMMENT: berkey: Thu Jan 21 17:09:58 GMT 2016

Temp: 44, Humidity: 24%, Pressure: 28.75in, Wind: 5mph from north, Skies: Clear
____end____

Thu Jan 21 18:08:56 GMT 2016 KCOR Start Synoptic Patrol

****EVENT COMMENT BY berkey**** : Thu Jan 21 18:39:15 GMT 2016

Looks like the core of a CME is visible on the east edge of the sun near PA80. Not really sure until we see a few more frames to detect proper motion.

____end____

GONG COMMENT BY berkey: Thu Jan 21 19:15:34 GMT 2016

Gong INST computer motherboard swapped per-request from NSO. Also rebuilt pump diaphragm because pressures were low.

____end____

Thu Jan 21 19:37:19 GMT 2016 KCOR End Patrol

Thu Jan 21 19:37:21 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Thu Jan 21 19:54:42 GMT 2016 KCOR End Calibration Script

Thu Jan 21 19:54:59 GMT 2016 KCOR Start Synoptic Patrol

Thu Jan 21 19:55:01 GMT 2016 KCOR Start Synoptic Patrol

Thu Jan 21 20:42:54 GMT 2016 KCOR End Patrol

****EVENT COMMENT BY berkey**** : Thu Jan 21 20:42:34 GMT 2016

Realigning SGS

____end____

Thu Jan 21 20:49:34 GMT 2016 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Thu Jan 21 22:01:41 GMT 2016

Circuit breaker driving the main UPS was accidentally tripped during some dome electrical work. UPS never switched over to battery backup and all attached computers shutdown including mlso server.

For the last 45(ish) minutes mlso server has been doing a pre-boot disk check and we have been unable to observe with kcor. As such we switch over to some dome electrical work and will not be able to get back on sky until the work has concluded.

As far as I can tell all systems are back online now.

____end____

GENERAL COMMENT BY berkey: Fri Jan 22 01:59:24 GMT 2016

New dome rotator system mounted and working in Manual control. We will mount the automatic sensors tomorrow.

____end____

GENERAL COMMENT BY berkey: Fri Jan 22 02:00:35 GMT 2016

Contractors up today added first layer of roofing to the PSPT area roof. More layers to come tomorrow and over over the next week or so. It should never ever ever leak again.

____end____

GENERAL COMMENT BY berkey: Fri Jan 22 02:17:53 GMT 2016

Spar rebalanced today. It was found to have a fairly strong dec imbalance and a slightly RA imbalance. Afterward we added a cable for the dome autorotator junction box so we should probably double check tomorrow but things should be a lot closer than they were this morning.

____end____

GENERAL COMMENT BY berkey: Fri Jan 22 02:17:53 GMT 2016

____end____