
Mauna Loa Solar Observatory Observer's Log

Thu Jul 21 17:08:51 GMT 2022

Year: 22 Doy: 202

Observer: berkey

WEATHER COMMENT: berkey: Thu Jul 21 17:08:37 GMT 2022

Temp: 46.2f, Humidity: 12%, Pressure: 28.683in, Wind: 1mph from 203deg, Skies: clear
____end____

GENERAL COMMENT BY berkey: Thu Jul 21 17:08:40 GMT 2022

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY berkey: Thu Jul 21 17:08:44 GMT 2022

PM Blew off UCOMP 01

____end____

GENERAL COMMENT BY berkey: Thu Jul 21 17:10:02 GMT 2022

Static line (grounding line) between power pole 177 and 178 (around 11 miles up the road) blew down last night. Power to the site remained on but I suspect when crews come on site to fix this line they will bring power down to safely access the poles.

____end____

Thu Jul 21 17:11:11 GMT 2022 Kcor Focus/alignment program exited

Thu Jul 21 17:23:44 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Thu Jul 21 17:57:37 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Thu Jul 21 18:31:20 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Thu Jul 21 19:04:53 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Thu Jul 21 19:23:14 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

****EVENT COMMENT BY berkey**** : Thu Jul 21 19:47:00 GMT 2022

Bright prominence eruption at PA 260 seen in kcor, launching around 17UT. Kcor pipeline tags this a cme; but at least at this point it doesn't look like material is leaving the sun.

____end____

Thu Jul 21 20:33:03 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Thu Jul 21 20:34:20 GMT 2022 Running UCOMP Cookbook 637_Pol_Calibrate.cbk line 0

Thu Jul 21 20:38:24 GMT 2022 Running UCOMP Cookbook 706_Pol_Calibrate.cbk line 0

Thu Jul 21 20:42:27 GMT 2022 Running UCOMP Cookbook 789_Pol_Calibrate.cbk line 0

Thu Jul 21 20:43:15 GMT 2022 UCOMP Paused for clouds

GENERAL COMMENT BY berkey: Thu Jul 21 20:51:53 GMT 2022

Low clouds plaguing the area for the next little bit.

____end____

GENERAL COMMENT BY berkey: Thu Jul 21 21:23:19 GMT 2022

Dome wsa closed about 10 minutes ago.

____end____

GENERAL COMMENT BY berkey: Thu Jul 21 23:05:23 GMT 2022

Attempted to configure new network equipment hit a hiccup. System is currently running in its nominal condition. Work will resume early next week.

____end____

GENERAL COMMENT BY berkey: Fri Jul 22 00:31:45 GMT 2022

Power outage.

____end____

Fri Jul 22 01:02:11 GMT 2022 UCOMP Restarted from pause

UCOMP COMMENT BY berkey: Fri Jul 22 01:12:37 GMT 2022

Found the UCOMP camera cooling radiator fan was spinning slower than expected.

Initial checks showed 12V at the fan. So a replacement was pulled from the old PSPT equipment and installed. This fan also showed slower than expected rotation.

On further inspection the negative lead on the facility side of the screw down terminal next to the fan was a little loose. Tightened this terminal restored what looked like normal rotation. However it still doesn't feel like very much flow across the radiator.

Original fan is now in the ucomp spares box in the cabinet.

____end____

GENERAL COMMENT BY berkey: Fri Jul 22 02:12:46 GMT 2022

Power is back.

____end____

GENERAL COMMENT BY berkey: Fri Jul 22 02:33:38 GMT 2022

____end____

ONSITE STAFF: berkey