
Mauna Loa Solar Observatory Observer's Log

Thu Jul 22 17:56:27 GMT 2021

Year: 21 Doy: 203

Observer: berkey

WEATHER COMMENT: berkey: Thu Jul 22 17:57:15 GMT 2021

Temp: 47.9f, Humidity: 56%, Pressure: 28.645in, Wind: 18mph from 152degs, Skies: patchy cirrus, looks like it might be clearing so we should get some data today.

____end____

GENERAL COMMENT BY berkey: Thu Jul 22 17:57:18 GMT 2021

PM Blew off Kcor O1

____end____

GENERAL COMMENT BY berkey: Thu Jul 22 17:57:22 GMT 2021

PM Blew off Kcor Field Lens

____end____

GENERAL COMMENT BY berkey: Thu Jul 22 17:57:26 GMT 2021

PM Blew off UCoMP O1

____end____

UCoMP COMMENT BY berkey: Thu Jul 22 18:00:51 GMT 2021

CalPol and CalRet cables were swapped at the Standa motion control box. Since deployment commands to move the Pol actually moved the retarder. Turns out the label on the box was wrong, per the electrical drawings. Label has been removed and cables swapped to the proper axis.

Visual testing shows Pol commands now move the Pol and Ret commands now move the Ret.

Both stages have been homed.

____end____

UCoMP COMMENT BY berkey: Thu Jul 22 18:01:09 GMT 2021

Camera water cooler was topped off.

____end____

Thu Jul 22 18:06:41 GMT 2021 SGS Alignment complete

Thu Jul 22 18:06:43 GMT 2021 Kcor Focus/alignment program exited

Thu Jul 22 18:09:49 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats.ckb

Thu Jul 22 18:12:35 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats.ckb

Thu Jul 22 18:21:53 GMT 2021 UCoMP Paused for clouds

Thu Jul 22 18:52:24 GMT 2021 UCoMP Restarted from pause

Thu Jul 22 18:55:24 GMT 2021 UCoMP Paused for clouds

Thu Jul 22 19:00:24 GMT 2021 UCoMP Restarted from pause

Thu Jul 22 19:06:17 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb

Thu Jul 22 19:15:10 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb

Thu Jul 22 19:26:38 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb

****Possible CME in Progress berkey**** : Thu Jul 22 19:27:18 GMT 2021

Possible CME seen launching near PA:100 at time 18:15UT.

____end____

Thu Jul 22 19:32:30 GMT 2021 KCOR Start Synoptic Patrol

Thu Jul 22 19:33:29 GMT 2021 KCOR End Patrol

Thu Jul 22 19:33:29 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Thu Jul 22 19:45:19 GMT 2021 Running UCOMP Cookbook 530_Scan.ckb
Thu Jul 22 19:48:46 GMT 2021 KCOR End Calibration Script
Thu Jul 22 19:49:03 GMT 2021 KCOR Start Synoptic Patrol
Thu Jul 22 19:49:04 GMT 2021 KCOR Start Synoptic Patrol
Thu Jul 22 19:57:22 GMT 2021 KCOR End Patrol
Thu Jul 22 19:57:32 GMT 2021 KCOR End Patrol
Thu Jul 22 19:57:57 GMT 2021 UCoMP Paused for clouds
Thu Jul 22 20:00:07 GMT 2021 UCoMP Restarted from pause
Thu Jul 22 20:02:46 GMT 2021 Running UCOMP Cookbook 637_Scan.ckb
Thu Jul 22 20:17:48 GMT 2021 Running UCOMP Cookbook 656_Scan.ckb
Thu Jul 22 20:32:47 GMT 2021 Running UCOMP Cookbook 691_Scan.ckb
Thu Jul 22 20:37:25 GMT 2021 Running UCOMP Cookbook 706_Scan.ckb
Thu Jul 22 20:42:02 GMT 2021 Running UCOMP Cookbook 789_Scan.ckb
Thu Jul 22 20:42:09 GMT 2021 UCoMP Paused for clouds
Thu Jul 22 21:32:53 GMT 2021 UCoMP Restarted from pause
Thu Jul 22 21:34:58 GMT 2021 UCoMP Paused for clouds

GENERAL COMMENT BY berkey: Thu Jul 22 22:13:27 GMT 2021

Dec spar balance seems bad. We stopped tracking when calpol was put in the beam. May need to move some weights after leadership academy.

____end____

Fri Jul 23 00:13:46 GMT 2021 UCoMP Restarted from pause

GENERAL COMMENT BY berkey: Fri Jul 23 01:27:12 GMT 2021

Spar balance system moving weights ~35# worth was moved south by about 2 inches to help better balance the spar.

Dec clutch was tightened a bit. We were at ~8 pounds of force on the t-handle to slip the clutch now more like 20.

____end____

GENERAL COMMENT BY berkey: Fri Jul 23 01:27:21 GMT 2021

PM Washed UCoMP O1, with soap and water.

____end____

Fri Jul 23 01:46:54 GMT 2021 Running UCOMP Cookbook 80ms_dark.ckb
Fri Jul 23 01:47:06 GMT 2021 Running UCOMP Cookbook 530_Pol_Calibrate.ckb
Fri Jul 23 01:51:48 GMT 2021 Running UCOMP Cookbook 637_Pol_Calibrate.ckb
Fri Jul 23 01:56:25 GMT 2021 Running UCOMP Cookbook 656_Pol_Calibrate.ckb
Fri Jul 23 02:01:00 GMT 2021 Running UCOMP Cookbook 691_Pol_Calibrate.ckb
Fri Jul 23 02:05:36 GMT 2021 Running UCOMP Cookbook 706_Pol_Calibrate.ckb
Fri Jul 23 02:10:11 GMT 2021 Running UCOMP Cookbook 789_Pol_Calibrate.ckb
Fri Jul 23 02:14:47 GMT 2021 Running UCOMP Cookbook 1074_Pol_Calibrate.ckb
Fri Jul 23 02:19:24 GMT 2021 Running UCOMP Cookbook 1079_Pol_Calibrate.ckb
Fri Jul 23 02:23:59 GMT 2021 Running UCOMP Cookbook 1083_Pol_Calibrate.ckb
Fri Jul 23 02:28:33 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats.ckb
Fri Jul 23 02:47:00 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb
Fri Jul 23 03:00:28 GMT 2021 UCoMP Paused for clouds
Fri Jul 23 03:02:21 GMT 2021 UCoMP Restarted from pause
Fri Jul 23 03:07:31 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb
Fri Jul 23 03:25:52 GMT 2021 Running UCOMP Cookbook 530_Scan.ckb
Fri Jul 23 03:41:14 GMT 2021 Running UCOMP Cookbook 637_Scan.ckb

ONSITE STAFF: berkey