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Mauna Loa Solar Observatory Observer's Log
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      Mon Oct 18 17:11:56 GMT 2021
Year: 21 Doy: 291
Observer: berkey
WEATHER COMMENT: berkey: Mon Oct 18 17:11:55 GMT 2021
Temp: 43.5f, Humidity: 51%, Pressure: 28.79lin, Wind: 7mph from 207degs, Skies: mostly clear with patchy cirrus in the sou
th.
 end
GENERAL COMMENT BY berkey: Mon Oct 18 17:25:57 GMT 2021
PM Blew off Kcor O1
  end
GENERAL COMMENT BY berkey: Mon Oct 18 17:26:00 GMT 2021
PM Blew off UCoMP 01
 end
Mon Oct 18 17:32:00 GMT 2021 Running UCOMP Cookbook dark 80ms 2beam 16sums BOTH.cbk line 0
Mon Oct 18 17:32:13 GMT 2021 Kcor Focus/alignment program exited
Mon Oct 18 17:33:17 GMT 2021 Running UCOMP Cookbook 637 Scan.cbk line 0
Mon Oct 18 17:35:43 GMT 2021 Running UCOMP Cookbook 656_Scan.cbk line 0
Mon Oct 18 17:37:44 GMT 2021 Running UCOMP Cookbook 789_Scan.cbk line 0
Mon Oct 18 17:39:48 GMT 2021 Running UCOMP Cookbook 1074 Scan.cbk line 0
Mon Oct 18 17:41:52 GMT 2021 Running UCOMP Cookbook 1079_Scan.cbk line 0
Mon Oct 18 17:43:54 GMT 2021 Running UCOMP Cookbook 1083 Scan.cbk line 0
Mon Oct 18 17:44:37 GMT 2021 Kcor Focus/alignment program exited
Mon Oct 18 17:45:57 GMT 2021 Running UCOMP Cookbook all_wavelenght_coronal flat.cbk line 0
Mon Oct 18 18:11:14 GMT 2021 Running UCOMP Cookbook all_wavelenght coronal.cbk line 0
GONG COMMENT BY berkey: Mon Oct 18 18:46:30 GMT 2021
Gong shelter powered down for NIST electrical work.
end
Mon Oct 18 19:18:55 GMT 2021 Running UCOMP Cookbook dark 80ms 2beam 16sums BOTH.cbk line 0
Mon Oct 18 19:20:12 GMT 2021 Running UCOMP Cookbook 637_Pol_Calibrate.cbk line 0
Mon Oct 18 19:24:52 GMT 2021 Running UCOMP Cookbook 656_Pol_Calibrate.cbk line 0
Mon Oct 18 19:29:08 GMT 2021 Running UCOMP Cookbook 789 Pol Calibrate.cbk line 0
Mon Oct 18 19:33:28 GMT 2021 Running UCOMP Cookbook 1074 Pol Calibrate.cbk line 0
Mon Oct 18 19:37:47 GMT 2021 Running UCOMP Cookbook 1079 Pol Calibrate.cbk line 0
Mon Oct 18 19:42:03 GMT 2021 Running UCOMP Cookbook 1083 Pol Calibrate.cbk line 0
Mon Oct 18 19:46:21 GMT 2021 Running UCOMP Cookbook waves_1074_1hour.cbk line 0
Mon Oct 18 20:42:27 GMT 2021 Running UCOMP Cookbook dark 200 1sums 80ms.cbk line 0
Mon Oct 18 20:47:28 GMT 2021 Running UCOMP Cookbook all wavelenght coronal flat.cbk line 0
Mon Oct 18 21:13:04 GMT 2021 Running UCOMP Cookbook all_wavelenght_coronal.cbk line 0
Mon Oct 18 21:47:04 GMT 2021 UCoMP Paused for clouds
GENERAL COMMENT BY berkey: Mon Oct 18 21:47:04 GMT 2021
Was down in the gong shelter when clouds came in. We got a few minutes of cloud data.
Mon Oct 18 23:59:09 GMT 2021 UCoMP Restarted from pause
GENERAL COMMENT BY berkey: Tue Oct 19 00:00:53 GMT 2021
Swapped spar control over to the new quider. This requried a change in the quider polarity.
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On the north face of the spar. RA=False DEC = True Perviously on on the South face of the spar polarity was RA=True DEC=False Changes applied to c:\sqs\sqsconfig.ini to make them "permanent". Based on testing between clouds shows the guider is working as expect. We will notice a difference between two systems. The new quider sees the sun at ~8V where the old quider had ~6.2V. o the new guider is centered (near) the current pointing of kcor so RA/DEC offsets are will hopefully be closer to zero. Right now it look like RA=0, Dec=40 (at least at 2pm). end UCOMP COMMENT BY berkey: Tue Oct 19 00:51:15 GMT 2021 Swapped out the raid controller for a megaraid controller. This should provide better monitoring, and matches the model u sed on the other raid controllers on the mountain. We currently no spare for the controller, but in a pinch could borrow t he dusk raid board for one of the the instrumetrs while we reordered a replacment for dusk. end GONG COMMENT BY berkey: Tue Oct 19 01:50:06 GMT 2021 Installed the gong Halpha filter. There was a mis-alignment issue, waiting for advice from Gong Ops. end GENERAL COMMENT BY berkey: Tue Oct 19 02:18:22 GMT 2021 I forgot that inverting the RA also flips the open loop direction. With the new guider the RA openloop rate needs to be -0.372 (not +0.372) Default values for Open loop RA/DEC rates can now be controlled in the sgsconfig.ini end

attempt to install updates on ucomp. System is not coming backup as quick as expected. Going to leave it overnight to see

UCOMP COMMENT BY berkey: Tue Oct 19 02:50:07 GMT 2021

if things improve.

ONSITE STAFF: berkey

end