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-------------------------------------------------------------------------------
            Mauna Loa Solar Observatory Observer's Log
-------------------------------------------------------------------------------
        Tue Oct 15 17:08:13 GMT 2013
Year: 13  Doy: 288
Observer: stueben
WEATHER COMMENT: stueben: Tue Oct 15 17:08:20 GMT 2013
Mostly overcast but clearer north and west, wind calm, temp 41F. Awaiting
clearer skies before opening domes.
___end___
Tue Oct 15 18:15:39 GMT 2013: PSPT Start Patrol
WEATHER COMMENT: stueben: Tue Oct 15 18:17:18 GMT 2013
Skies are clearing. Pspt started, may be able to start comp and kcor before too
long.
___end___
KCOR COMMENT BY mlso: Tue Oct 15 18:26:48 GMT 2013
Last night I found the problem with the SGSRAZR and SGSDECZR keywords, I was converting them to a string as integers so th
ey rounded to zero every time.  I swapped this to use the fractional number vi that SGSRAS so we should see fixed point de
cimal values in the fits header if/when the zeropoint chagnes in the guider.
___end___
Tue Oct 15 19:13:09 GMT 2013: PSPT Abort Patrol
WEATHER COMMENT: stueben: Tue Oct 15 19:15:05 GMT 2013
A big dark orographic cloud has come up from the south. Pspt idled and upper
dome closed.
___end___
Tue Oct 15 19:26:32 GMT 2013: PSPT Start Patrol
Tue Oct 15 19:40:56 GMT 2013 KCOR Start Synoptic Patrol
Tue Oct 15 19:42:58 GMT 2013 KCOR End Patrol
Tue Oct 15 19:46:51 GMT 2013 KCOR Start Synoptic Patrol
Tue Oct 15 19:51:07 GMT 2013 COMP Start Patrol
Tue Oct 15 19:53:02 GMT 2013 KCOR End Patrol
Tue Oct 15 19:53:18 GMT 2013 KCOR Start Calibration script: C:\kcor\mlso-calibration22deg.ini
WEATHER COMMENT: stueben: Tue Oct 15 19:54:16 GMT 2013
In a clear hole, trying to get some comp and kcor data.
___end___
KCOR COMMENT BY stueben: Tue Oct 15 19:56:58 GMT 2013
They Datatype for the fits headers may not be getting changed correctly, the
value in the Datatype box in the grey fits window does not change as I select or
deselect the Science Data button.
___end___
Tue Oct 15 20:04:22 GMT 2013 COMP End Patrol
Tue Oct 15 20:09:14 GMT 2013 KCOR End Calibration Script
Tue Oct 15 20:11:04 GMT 2013: PSPT Abort Patrol
WEATHER COMMENT: stueben: Tue Oct 15 20:14:43 GMT 2013
In orographic clouds, instruments idled. Started a kcor calibration after getting a little science data(if the fits header
s are correct) but clouds closed in
about halfway through the calibration routine.
___end___
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GENERAL OBSERVATORY COMMENT BY stueben: Tue Oct 15 23:57:22 GMT 2013
SGS- After pointing the spar went to closed loop and SGS guided as usual. Clouds
came up and it switched to open loop. A while later the clouds cleared but going
back to closed loop the guider stabilized at quad cell voltages of .85V RA and
-.85V Dec. Looking at the engineering screen showed the newly added guider zero
point offsets at .1 RA and -.1 for Dec. Changing both values back to 0 resulted
in the guider operating normally. As I didn't change the values until after finding them at +-.1 something seems to have h
appened in the software to change the
values or for random/default/??? values to take effect.
___end___