
Mauna Loa Solar Observatory Observer's Log

Mon Sep 23 16:19:36 GMT 2013
Year: 13 Doy: 266
Observer: berkey
WEATHER COMMENT: berkey: Mon Sep 23 16:19:38 GMT 2013
clear skies, temp 45f, wind 8mph from SE
___end___
Mon Sep 23 16:38:57 GMT 2013: PSPT Start Patrol
Mon Sep 23 16:42:55 GMT 2013 COMP Start Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Mon Sep 23 19:24:52 GMT 2013
Cirrus showed up
___end___
Mon Sep 23 19:28:06 GMT 2013 COMP End Patrol
Mon Sep 23 20:47:38 GMT 2013 COMP Start Patrol
Mon Sep 23 22:07:06 GMT 2013: PSPT Start Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Mon Sep 23 22:47:30 GMT 2013
cirrus has come back.
___end___
Mon Sep 23 22:50:06 GMT 2013 COMP End Patrol
Mon Sep 23 23:17:20 GMT 2013 COMP Start Patrol
Mon Sep 23 23:51:01 GMT 2013 COMP End Patrol
Mon Sep 23 23:58:29 GMT 2013 COMP Start Patrol
Tue Sep 24 00:07:26 GMT 2013 COMP End Patrol
Tue Sep 24 01:59:12 GMT 2013 COMP Start Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Tue Sep 24 01:59:57 GMT 2013
Architects came up to inspect the building as a pre-bid for future work.
___end___
Tue Sep 24 02:10:59 GMT 2013 COMP End Patrol
Tue Sep 24 03:24:42 GMT 2013: PSPT Abort Patrol
Tue Sep 24 03:24:46 GMT 2013: PSPT Abort Patrol
KCOR COMMENT BY berkey: Tue Sep 24 03:33:32 GMT 2013
Today I through together an observing version of the k-cor observering code designed around goal of starting socket came O
nce (or maybe twice) a day and letting it run continously. This means that we will be getting a lot of bad/garbage bin a
nd fits frames any time an optic is moving or we are otherwise doing funky things to the instrument.
But I am 99% sure that all of the funky/moving thigns should be tagged as Fits datatype=engineering.
I re-used Brandon's calibration script parser. But now instead of starting socketcam to take an image; I just wait a few
seconds for things to settle out then once I am sure we have a valid calibration frame I change the Fits header for the ne
xt image to calibration (from engineering) for 48 seconds. I think right now it is nice to have more then once calibratio
n image at each state so we can make sure things are consitent. Soon we can dial the number back a bit so we only record
one image at each state.
After calibration imaging is done I change the datatype back to engineering and proceed to move the stage.
The calibration script should make a note of what ini file it ran in this log, and create a log of all the commands with s
tart/stop images for each state in e:\date\avg\calibration.txt

There is a observer trigger button that turns on datatype=science in the fits header. When this is triggered on/off a sta
rt/stop synoptic comment will appear in this log.

A first draft of a k-cor opertation manual appears on the desktop of the k-cor machine next to the two VI’s that are impor
tant for running it.
___end___