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Mauna Loa Solar Observatory Observer's Log  
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Tue Jul 2 16:10:04 GMT 2002  
Year: 02 Doy: 183  
Observer: yasukawa  
WEATHER COMMENT: Tue Jul 2 16:10:15 GMT 2002  
Cool, in thick altostratus and moderate cirrus overcast, brisk south wind.  
No shadows at this time.  
Tue Jul 2 17:08:42 GMT 2002 CHIP Start Patrol  
Tue Jul 2 17:08:57 GMT 2002 PICS Start Patrol  
WEATHER COMMENT: Tue Jul 2 17:08:44 GMT 2002  
Diffuse shadows available. Pointed spar and starting up PICS and CHIP.  
PSPT COMMENT: Tue Jul 2 17:09:49 GMT 2002  
Starting up Pspt in anticipation of possibly testing new calibration  
software if there is enough sun to guide on.  
Tue Jul 2 17:16:11 GMT 2002 CHIP End Patrol  
Tue Jul 2 17:16:30 GMT 2002 PICS End Patrol  
WEATHER COMMENT: Tue Jul 2 17:16:14 GMT 2002  
Overcast thickened extensively. Suspending data acquisition and testing  
effort for now.  
GONG COMMENT: Tue Jul 2 17:17:33 GMT 2002  
Going down to GONG to do weekly and monthly PM.  
GONG COMMENT: Tue Jul 2 17:41:53 GMT 2002  
Back from GONG.  
Tue Jul 2 17:41:55 GMT 2002 CHIP Start Patrol  
WEATHER COMMENT: Tue Jul 2 17:42:03 GMT 2002  
Shadows a bit more defined now. Restarting PICS and CHIP. Centering  
PSPT.  
PSPT COMMENT: Tue Jul 2 17:50:12 GMT 2002  
Starting Flatfield (from gui) test in clouds. Routine started up OK.  
Tue Jul 2 18:23:46 GMT 2002 PICS Start Patrol  
\*\*PICS PROBLEM\*\*: Tue Jul 2 18:23:53 GMT 2002  
PICS stalled at restart during "init". Canceled WaitRepl just now to  
get Patrol to continue.  
PSPT COMMENT: Tue Jul 2 18:24:57 GMT 2002  
PSPT Flatfield sequence finished. Cap remained open. Started Daily  
Observations in thin to moderate cirrostratus.  
WEATHER COMMENT: Tue Jul 2 18:49:53 GMT 2002  
Cirrus thinning, some holes may be available. Starting mk4.  
Tue Jul 2 18:50:22 GMT 2002 MKIV Start Patrol  
Tue Jul 2 19:00:48 GMT 2002 CHIP LSD  
Tue Jul 2 19:03:04 GMT 2002 MKIV End Patrol  
Tue Jul 2 19:03:13 GMT 2002 MKIV Start Cal  
Tue Jul 2 19:03:05 GMT 2002 CHIP End LSD  
Tue Jul 2 19:03:18 GMT 2002 CHIP BiasLSD  
Tue Jul 2 19:04:12 GMT 2002 CHIP End BiasLSD  
Tue Jul 2 19:04:23 GMT 2002 CHIP Bias

Tue Jul 2 19:05:21 GMT 2002 CHIP End Bias

PSPT COMMENT: Tue Jul 2 19:11:02 GMT 2002

At 1909 program completed photometric data and is waiting for 1917 UT.  
I thought it should be starting a Flatfield?? Oh well, I'll wait for  
1917 and see what it does.

Tue Jul 2 19:21:57 GMT 2002 MKIV End Cal

Tue Jul 2 19:22:07 GMT 2002 MKIV Start Patrol

PSPT COMMENT: Tue Jul 2 19:20:11 GMT 2002

Program went to Centering at 1917 and then started Hi-Res at 1920.

I'll let it run for a while to see if Flatfielding starts up at another  
time while I do other tasks. If not, I'll stop the daily obs and start a  
flatfield sequence from the gui to check on the cap of Alice.

Tue Jul 2 19:22:39 GMT 2002 CHIP End Patrol

Tue Jul 2 19:24:24 GMT 2002 PICS End Patrol

Tue Jul 2 19:28:20 GMT 2002 MKIV End Patrol

Tue Jul 2 19:31:49 GMT 2002 CHIP Start Patrol

Tue Jul 2 19:32:00 GMT 2002 PICS Start Patrol

COMMENT: Tue Jul 2 19:31:45 GMT 2002

Reconfigured dome shutter. Not restarting mk4--in cirrus.

PSPT COMMENT: Tue Jul 2 19:37:18 GMT 2002

The manual calibration (flatfield) I did earlier cancelled the auto-cal.

Alice has info about why the cap was open during the Cak and Red sequences  
in the cal so we'll not stop observations to re-do the calibration manually.

She will restore normal calibrations for tomorrow.

WEATHER COMMENT: Tue Jul 2 19:41:01 GMT 2002

Orographic clouds forming around station.

WEATHER COMMENT: Tue Jul 2 20:18:46 GMT 2002

In orographic clouds.

PSPT COMMENT: Tue Jul 2 20:18:59 GMT 2002

Stopped observations.

Tue Jul 2 20:50:23 GMT 2002 CHIP End Patrol

Tue Jul 2 20:52:34 GMT 2002 PICS End Patrol

Tue Jul 2 21:05:06 GMT 2002

MkIV

18\_50.rawmk4 19\_06.rawmk4 19\_22.rawmk4 c19\_09.rawmk4

18\_53.rawmk4 19\_12.rawmk4 19\_25.rawmk4 c19\_15.rawmk4

18\_56.rawmk4 19\_18.rawmk4 c19\_03.rawmk4