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Mauna Loa Solar Observatory Observer's Log  
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Thu Apr 26 16:57:11 GMT 2001

Year: 01 Doy: 116

Observer: koon

WEATHER COMMENT: Thu Apr 26 16:57:29 GMT 2001

Medium to thick altocumulus and cirrostratus, no wind, temp=52 F.

COMMENT: Thu Apr 26 17:14:32 GMT 2001

Work continues on Spar Guiding and mk4 O1 Guiding, among other projects.

No observing until we get back Spar Guiding and the clouds clear some more.

**\*\*ECHO PROBLEM\*\***: Thu Apr 26 18:00:46 GMT 2001

The images are off to the bottom right corners of their normal positions, it is cloudy, the light level is about 6.5, the guider field shows "Ephem".

Similar problem as yesterday except for the clouds today.

Thu Apr 26 19:50:49 GMT 2001 CHIP Start Patrol

Thu Apr 26 19:53:27 GMT 2001 CHIP End Patrol

Thu Apr 26 19:58:18 GMT 2001 PICS Start Patrol

Thu Apr 26 19:58:34 GMT 2001 CHIP Start Patrol

Thu Apr 26 20:02:16 GMT 2001 CHIP LSD

Thu Apr 26 20:05:37 GMT 2001 CHIP End LSD

Thu Apr 26 20:05:43 GMT 2001 CHIP BiasLSD

Thu Apr 26 20:06:28 GMT 2001 CHIP End BiasLSD

Thu Apr 26 20:06:34 GMT 2001 CHIP Bias

Thu Apr 26 20:07:17 GMT 2001 CHIP End Bias

**\*\*ECHO PROBLEM\*\***: Thu Apr 26 20:41:29 GMT 2001

It is tracking now, the light level is up to about 20.0, images are centered correctly, and the guide field shows "quad c".

Thu Apr 26 21:04:22 GMT 2001 CHIP LSD

Thu Apr 26 21:07:56 GMT 2001 CHIP End LSD

Thu Apr 26 21:08:03 GMT 2001 CHIP BiasLSD

Thu Apr 26 21:08:49 GMT 2001 CHIP End BiasLSD

Thu Apr 26 21:08:55 GMT 2001 CHIP Bias

Thu Apr 26 21:09:40 GMT 2001 CHIP End Bias

Thu Apr 26 22:03:42 GMT 2001 CHIP LSD

Thu Apr 26 22:07:22 GMT 2001 CHIP End LSD

Thu Apr 26 22:07:29 GMT 2001 CHIP BiasLSD

Thu Apr 26 22:08:15 GMT 2001 CHIP End BiasLSD

Thu Apr 26 22:08:21 GMT 2001 CHIP Bias

Thu Apr 26 22:09:05 GMT 2001 CHIP End Bias

ECHO COMMENT: Thu Apr 26 22:27:44 GMT 2001

At Ron's request I have changed the FTP password and eliminated Anonymous FTP on the ECHO PC.

**\*\*ECHO PROBLEM\*\***: Thu Apr 26 22:28:38 GMT 2001

It looks like the quadcell tracking goes away when the Light Level gets below 17.6, then Ephem tracking takes over and the images are off the screen. This happens when it gets moderately cloudy, and it comes and goes with the clouds. The normal light level is at about 21.0

Thu Apr 26 22:36:16 GMT 2001 PICS End Patrol

WEATHER COMMENT: Thu Apr 26 22:36:46 GMT 2001

Orographic clouds have moved in.

COMMENT: Thu Apr 26 22:37:03 GMT 2001

Pausing instruments due to clouds.

Thu Apr 26 22:41:34 GMT 2001 CHIP End Patrol

PICS COMMENT: Fri Apr 27 00:30:56 GMT 2001

We worked on getting the objective wheel encoding to work right, it will only work correctly in one direction or the other due to mismatches in the optical wheel holes. Kim will probably remove it and drill out the holes to give better switching.

COMMENT: Fri Apr 27 00:32:51 GMT 2001

Darryl heading down for the day.

Fri Apr 27 00:33:26 GMT 2001

MkIV