Mauna Loa Solar Observatory Observer's Log

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 altocumuls and cirrostratus, no wind, temp=52 F. COMMENT: Thu Apr 26 17:14:32 GMT 2001 Work continues on Spar Guiding and mk4 Ol 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 End LSD CHIP 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 quide field shows "quad c". Thu Apr 26 21:04:22 GMT 2001 CHIP LSD Thu Apr 26 21:07:56 GMT 2001 End LSD CHIP 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