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                 Mauna Loa Solar Observatory Observer's Log
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          Thu Mar 20 17:00:06 GMT 2003
Year: 03  Doy: 079
Observer: stueben
Thu Mar 20 17:03:04 GMT 2003    CHIP     Start Patrol
Thu Mar 20 17:03:16 GMT 2003    PICS     Start Patrol
WEATHER COMMENT: Thu Mar 20 17:02:13 GMT 2003
Clear, moderate south wind, temp 40F.
Thu Mar 20 17:25:13 GMT 2003    MKIV     Start Patrol
MKIV COMMENT: Thu Mar 20 17:25:38 GMT 2003
Centered occulting.
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Thu Mar 20 17:35:43 GMT 2003
MKIV COMMENT: Thu Mar 20 17:58:01 GMT 2003
Centered occulting.
Thu Mar 20 18:00:44 GMT 2003    CHIP     LSD
Thu Mar 20 18:02:38 GMT 2003    PICS     Flat
Thu Mar 20 18:02:49 GMT 2003    CHIP     End LSD
Thu Mar 20 18:02:58 GMT 2003    CHIP     BiasLSD
Thu Mar 20 18:03:52 GMT 2003    CHIP     End BiasLSD
Thu Mar 20 18:04:07 GMT 2003    CHIP     Bias
Thu Mar 20 18:05:05 GMT 2003    PICS     End Flat
Thu Mar 20 18:05:05 GMT 2003    CHIP     End Bias
Thu Mar 20 18:06:42 GMT 2003    MKIV     End Patrol
Thu Mar 20 18:06:51 GMT 2003    MKIV     Start Cal
Thu Mar 20 18:25:34 GMT 2003    MKIV     End Cal
Thu Mar 20 18:25:46 GMT 2003    MKIV     Start Patrol
**PSPT PROBLEM**: Thu Mar 20 18:35:36 GMT 2003
Had to reload a backup pspt.ini file to get the telescope to point correctly
at startup, AZerr was around 300.00 before that.  Observing now.
MKIV COMMENT: Thu Mar 20 18:49:28 GMT 2003
Centered occulting.
MKIV COMMENT: Thu Mar 20 20:23:35 GMT 2003
Centered 01 guider.
COMMENT: Thu Mar 20 21:05:28 GMT 2003
Sky transmission telscope domed out by left edge of dome. Repositioned dome,
also reconfigured dome.
COMMENT: Thu Mar 20 21:09:23 GMT 2003
What looked like a possible loss of Dec guiding was just the Sky Tx telescope
being vignetted by the dome.  Dec tracking stills seems much better since
I tightened the Dec clutch.
MKIV COMMENT: Thu Mar 20 22:33:00 GMT 2003
Centered 01 guider.
PSPT COMMENT: Fri Mar 21 00:09:34 GMT 2003
OK, I figured out a way to fairly easily manually point and change the
exposures for test images, then I took a set of test images for Randy, I'll
send him time and setting info.  I wrote the procedure in our log book along
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with the times and settings for my tests. The main discoveries were that you
must leave the mouse cursor in the "Time" field of the main GUI both for
editing the number there (which is the exposure time) and when you then press
the "Return" key to actually change the exposure value, if this is done
correctly you will see a message like "New expTime is 500" in the IDL
xterm window. Use the Slew Control choice from the PC CMD dropdown menu in
the GUI to offpoint the telescope, turn off the active mirror and Guider
Servo before offpointing. I used regular and long exposures for the diffuser
images to try to get usable images.
MKIV COMMENT: Fri Mar 21 00:33:35 GMT 2003
Centered 01 guider.
COMMENT: Fri Mar 21 00:36:58 GMT 2003
Reconfigured dome.
CHIP PROBLEM: Fri Mar 21 00:58:07 GMT 2003
Centering was off in Y-direction, manually repointed.
COMMENT: Fri Mar 21 01:36:16 GMT 2003
Lost spar guiding, it was off in both RA and Dec, and not as far off in Dec as
it used to be. So it appears that it would help to press the Dec reset near
this time of day to recenter it and maybe prevent it from losing guiding.
COMMENT: Fri Mar 21 01:38:29 GMT 2003
Repointed and reset guider to fix problem mentioned above.
MKIV COMMENT: Fri Mar 21 01:39:06 GMT 2003
Centered occulting.
Fri Mar 21 02:05:25 GMT 2003   CHIP   Start Patrol
Fri Mar 21 02:22:57 GMT 2003   CHIP   End Patrol
Fri Mar 21 02:23:43 GMT 2003   MKIV   End Patrol
Fri Mar 21 02:24:37 GMT 2003   PICS   End Patrol
Fri Mar 21 02:29:14 GMT 2003
        MkIV

00_01.rawmk4   01_53.rawmk4   18_55.rawmk4   20_44.rawmk4   22_32.rawmk4
00_04.rawmk4   01_56.rawmk4   18_58.rawmk4   20_46.rawmk4   22_35.rawmk4
00_07.rawmk4   01_59.rawmk4   19_01.rawmk4   20_49.rawmk4   22_38.rawmk4
00_10.rawmk4   02_02.rawmk4   19_04.rawmk4   20_52.rawmk4   22_41.rawmk4
00_12.rawmk4   02_05.rawmk4   19_06.rawmk4   20_55.rawmk4   22_44.rawmk4
00_15.rawmk4   02_08.rawmk4   19_09.rawmk4   20_58.rawmk4   22_47.rawmk4
00_18.rawmk4   02_11.rawmk4   19_12.rawmk4   21_01.rawmk4   22_50.rawmk4
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00_36.rawmk4   17_31.rawmk4   19_30.rawmk4   21_19.rawmk4   23_08.rawmk4
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00_52.rawmk4   17_42.rawmk4   19_42.rawmk4   21_31.rawmk4   23_19.rawmk4
00_54.rawmk4   17_45.rawmk4   19_45.rawmk4   21_33.rawmk4   23_22.rawmk4

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01_09.rawmk4      18_00.rawmk4      19_59.rawmk4      21_48.rawmk4      23_37.rawmk4
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01_50.rawmk4      18_52.rawmk4      20_41.rawmk4      22_29.rawmk4
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