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                  Mauna Loa Solar Observatory Observer's Log
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          Wed Apr 15 17:01:40 GMT 1998
Year: 98  Doy: 105
Observer: koon
WEATHER COMMENT: Wed Apr 15 17:01:56 GMT 1998
Clear sky, wind=15 mph from the SSE, temp=42 F.
PICS  COMMENT: Wed Apr 15 17:02:17 GMT 1998
Cleaned the tape drive as requested on the screen.
Wed Apr 15 17:02:46 GMT 1998    CHIP      Startup--Initializing new tape
Wed Apr 15 17:08:35 GMT 1998    MKIII     Start Patrol
Wed Apr 15 17:08:36 GMT 1998    PICS      Start Patrol
Wed Apr 15 17:08:36 GMT 1998    PICS      Start Patrol
PSPT COMMENT: Wed Apr 15 17:52:20 GMT 1998
It looks like mirror axis #1 wasn't stopping at the desired position, it just
kept running farther away from the correct position.  The only way to stop it
was to reset the PC, but after doing that I noticed that the dome azimuth
drive was slipping quite a bit after I restarted using Run.  I don't know
if the two problems are related but I'll look at the dome drive problem first.
Wed Apr 15 18:01:23 GMT 1998    PICS      Flat
Wed Apr 15 18:02:55 GMT 1998    PICS      End Flat
Wed Apr 15 18:03:01 GMT 1998    CHIP      Bias
Wed Apr 15 18:04:04 GMT 1998    CHIP      End Bias
Wed Apr 15 18:04:14 GMT 1998    CHIP      Water
Wed Apr 15 18:05:09 GMT 1998    CHIP      End Water
COMMENT: Wed Apr 15 18:27:26 GMT 1998

*****RECYCLED H01802*****

PSPT COMMENT: Wed Apr 15 18:59:21 GMT 1998
Adjusted the dome azimuth motor assembly gear meshing to the dome track,
now the dome rotates without slipping the gear over the track.  Now the
observing program is progressing as it should, it looks like the dome
tracking problem was the root of the other problem.
 Bias
Wed Apr 15 19:04:33 GMT 1998    CHIP      Water
Wed Apr 15 19:05:23 GMT 1998    CHIP      End Water
Wed Apr 15 19:16:47 GMT 1998    MKIII     Start Cal
Wed Apr 15 20:02:25 GMT 1998    PICS      Flat
Wed Apr 15 20:03:03 GMT 1998    CHIP      Gain
Wed Apr 15 20:03:53 GMT 1998    PICS      End Flat
Wed Apr 15 20:09:00 GMT 1998    CHIP      End Gain
Wed Apr 15 20:09:10 GMT 1998    CHIP      Bias
Wed Apr 15 20:10:05 GMT 1998    CHIP      End Bias
Wed Apr 15 20:10:15 GMT 1998    CHIP      Water
Wed Apr 15 20:11:01 GMT 1998    CHIP      End Water
COMMENT: Wed Apr 15 20:51:35 GMT 1998
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Extended the dome slot.
Wed Apr 15 21:00:23 GMT 1998     PICS     Flat
Wed Apr 15 21:01:54 GMT 1998     PICS     End Flat
Wed Apr 15 21:03:03 GMT 1998     CHIP     Bias
Wed Apr 15 21:04:22 GMT 1998     CHIP     End Bias
Wed Apr 15 21:04:32 GMT 1998     CHIP     Water
Wed Apr 15 21:05:18 GMT 1998     CHIP     End Water
Wed Apr 15 22:01:18 GMT 1998     PICS     Flat
Wed Apr 15 22:02:48 GMT 1998     PICS     End Flat
Wed Apr 15 22:03:04 GMT 1998     CHIP     Bias
Wed Apr 15 22:04:04 GMT 1998     CHIP     End Bias
Wed Apr 15 22:04:16 GMT 1998     CHIP     Water
Wed Apr 15 22:05:11 GMT 1998     CHIP     End Water
Wed Apr 15 22:31:13 GMT 1998     PICS     End Patrol
Wed Apr 15 22:32:33 GMT 1998     CHIP     CHIP End Patrol
PSPT COMMENT: Wed Apr 15 22:45:58 GMT 1998
Guider couldn't lock on the sun, had to type q to quit, then it got stuck
in another loop and I had to type q a second time to really quit to the
IDL prompt.  The dome isn't blocking the sun so maybe this is another
ephemeris problem.  I used Obs to exit gracefully.
COMMENT: Wed Apr 15 23:10:54 GMT 1998


TAPES:
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MKIII: H01803
PICS: P01169
CHIP: C00558
LOWL: L00507 in drive #0

Wed Apr 15 23:12:06 GMT 1998
        MkIII


17_08.rawmk3    18_13.rawmk3    19_32.rawmk3    20_36.rawmk3    21_41.rawmk3
17_11.rawmk3    18_16.rawmk3    19_35.rawmk3    20_39.rawmk3    21_43.rawmk3
17_14.rawmk3    18_19.rawmk3    19_38.rawmk3    20_42.rawmk3    21_46.rawmk3
17_17.rawmk3    18_21.rawmk3    19_41.rawmk3    20_45.rawmk3    21_49.rawmk3
17_20.rawmk3    18_24.rawmk3    19_44.rawmk3    20_48.rawmk3    21_52.rawmk3
17_23.rawmk3    18_27.rawmk3    19_47.rawmk3    20_51.rawmk3    21_55.rawmk3
17_26.rawmk3    18_30.rawmk3    19_49.rawmk3    20_54.rawmk3    21_58.rawmk3
17_29.rawmk3    18_33.rawmk3    19_52.rawmk3    20_57.rawmk3    22_01.rawmk3
17_32.rawmk3    18_36.rawmk3    19_55.rawmk3    21_00.rawmk3    22_04.rawmk3
17_35.rawmk3    18_39.rawmk3    19_58.rawmk3    21_03.rawmk3    22_07.rawmk3
17_38.rawmk3    18_42.rawmk3    20_01.rawmk3    21_05.rawmk3    22_10.rawmk3
17_41.rawmk3    18_45.rawmk3    20_04.rawmk3    21_08.rawmk3    22_13.rawmk3
17_43.rawmk3    18_48.rawmk3    20_07.rawmk3    21_11.rawmk3    22_16.rawmk3
17_46.rawmk3    18_51.rawmk3    20_10.rawmk3    21_14.rawmk3    22_19.rawmk3
17_49.rawmk3    18_54.rawmk3    20_13.rawmk3    21_17.rawmk3    22_21.rawmk3
17_52.rawmk3    18_57.rawmk3    20_16.rawmk3    21_20.rawmk3    22_24.rawmk3
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17_55.rawmk3    18_59.rawmk3    20_19.rawmk3    21_23.rawmk3    22_27.rawmk3
17_58.rawmk3    19_02.rawmk3    20_22.rawmk3    21_26.rawmk3    c19_16.rawmk3
18_01.rawmk3    19_05.rawmk3    20_25.rawmk3    21_29.rawmk3    c19_22.rawmk3
18_04.rawmk3    19_08.rawmk3    20_27.rawmk3    21_32.rawmk3    c19_29.rawmk3
18_07.rawmk3    19_19.rawmk3    20_30.rawmk3    21_35.rawmk3
18_10.rawmk3    19_26.rawmk3    20_33.rawmk3    21_38.rawmk3
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