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                  Mauna Loa Solar Observatory Observer's Log
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          Fri Sep 20 17:05:32 GMT 1996
Year: 96  Doy: 264
Observer: koon
WEATHER COMMENT: Fri Sep 20 17:05:36 GMT 1996
Medium to thick scattered cirrus, wind=5 mph from the SE, temp=45 F.
Fri Sep 20 17:11:10 GMT 1996     CHIP      Startup--Initializing new tape
Fri Sep 20 17:12:48 GMT 1996     CHIP      CHIP Start Patrol
Fri Sep 20 17:13:09 GMT 1996     dPMon     Start Patrol
CHIP COMMENT: Fri Sep 20 17:14:59 GMT 1996
Running Special, started after 1700 because I had to read the HelCo meters.
CHIP COMMENT: Fri Sep 20 17:27:27 GMT 1996
O1 X and Y pointed to wrong positions, will repoint manually.
MKIII COMMENT: Fri Sep 20 17:32:27 GMT 1996
Got an audible beep from the OCP and the lights for guider disable and unsafe
came on for the ND Filter Module.
Fri Sep 20 18:01:53 GMT 1996     dPMon     Flat
Fri Sep 20 18:02:32 GMT 1996     CHIP      Bias
Fri Sep 20 18:02:47 GMT 1996     dPMon     End Flat
Fri Sep 20 18:03:48 GMT 1996     CHIP      End Bias
Fri Sep 20 18:03:59 GMT 1996     CHIP      Water
Fri Sep 20 18:04:35 GMT 1996     CHIP      End Water
CHIP COMMENT: Fri Sep 20 18:06:07 GMT 1996
fix center run away after water image
CHIP COMMENT: Fri Sep 20 18:07:56 GMT 1996
when there is a run away on the motor mic one needs to switch from remote
to local and activate either th m1 or m2 (which ever is not powered on) switch.
This stops the mic motion. The unit should then be switched back to remote.
No correction should be made manually to the off pointing. The program remembers
the offset and will correct that amount anyway. This keeps from having the program
over correct when it starts working.
COMMENT: Fri Sep 20 18:14:52 GMT 1996
some thin Ci just started
CHIP COMMENT: Fri Sep 20 18:25:04 GMT 1996
run away in y direction this time
CHIP COMMENT: Fri Sep 20 18:45:52 GMT 1996
y run away again
CHIP COMMENT: Fri Sep 20 18:46:56 GMT 1996
then x run away at next fix center
Fri Sep 20 19:01:57 GMT 1996     dPMon     Flat
Fri Sep 20 19:02:47 GMT 1996     CHIP      Bias
Fri Sep 20 19:02:52 GMT 1996     dPMon     End Flat
Fri Sep 20 19:03:50 GMT 1996     CHIP      End Bias
Fri Sep 20 19:04:01 GMT 1996     CHIP      Water
Fri Sep 20 19:04:36 GMT 1996     CHIP      End Water
CHIP COMMENT: Fri Sep 20 18:53:02 GMT 1996
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Optics ran away so far that we couldn't get it back without FixCenter
crashing, so had to use Fixbusy to reset.
WEATHER COMMENT: Fri Sep 20 19:34:58 GMT 1996
Thin to medium cirrostratus now.
Fri Sep 20 20:01:58 GMT 1996   dPMon   Flat
Fri Sep 20 20:02:52 GMT 1996   dPMon   End Flat
Fri Sep 20 20:03:59 GMT 1996   CHIP   Gain
Fri Sep 20 20:17:29 GMT 1996   CHIP   End Gain
Fri Sep 20 20:17:39 GMT 1996   CHIP   Bias
Fri Sep 20 20:18:27 GMT 1996   CHIP   End Bias
Fri Sep 20 20:18:38 GMT 1996   CHIP   Water
CHIP COMMENT: Fri Sep 20 20:17:47 GMT 1996
Had an Optics:Busy stall during the Gain portion of the hourly cal, used
Fixbusy to fix it.
Fri Sep 20 20:19:07 GMT 1996   CHIP   End Water
CHIP COMMENT: Fri Sep 20 20:20:33 GMT 1996
Ending the Special run and starting the regular Patrol.
Fri Sep 20 20:21:04 GMT 1996   CHIP   CHIP End Patrol
Fri Sep 20 20:21:53 GMT 1996   CHIP   CHIP Start Patrol
COMMENT: Fri Sep 20 20:30:27 GMT 1996
Extended the dome slot.
MKIII COMMENT: Fri Sep 20 20:30:37 GMT 1996
Pausing due to clouds.
DPMON COMMENT: Fri Sep 20 20:30:49 GMT 1996
Pausing due to clouds.
Fri Sep 20 20:31:57 GMT 1996   dPMon   End Patrol
Fri Sep 20 21:04:13 GMT 1996   CHIP   Bias
Fri Sep 20 21:05:31 GMT 1996   CHIP   End Bias
Fri Sep 20 21:05:38 GMT 1996   CHIP   Water
Fri Sep 20 21:06:11 GMT 1996   CHIP   End Water
CHIP COMMENT: Fri Sep 20 21:24:14 GMT 1996
Repointing O1 x direction manually.
Fri Sep 20 22:02:18 GMT 1996   CHIP   Bias
Fri Sep 20 22:03:19 GMT 1996   CHIP   End Bias
Fri Sep 20 22:03:26 GMT 1996   CHIP   Water
Fri Sep 20 22:04:02 GMT 1996   CHIP   End Water
CHIP COMMENT: Fri Sep 20 22:43:32 GMT 1996
Pointed off in x direction, repointed manually.
Fri Sep 20 23:04:18 GMT 1996   CHIP   Bias
Fri Sep 20 23:05:34 GMT 1996   CHIP   End Bias
Fri Sep 20 23:05:41 GMT 1996   CHIP   Water
Fri Sep 20 23:06:15 GMT 1996   CHIP   End Water
CHIP COMMENT: Fri Sep 20 23:13:06 GMT 1996
Pausing due to clouds.
Fri Sep 20 23:13:40 GMT 1996   CHIP   CHIP End Patrol
WEATHER COMMENT: Fri Sep 20 23:40:03 GMT 1996
Clouds are very thick now, closing the dome due to possibility of fog or rain.
Sat Sep 21 03:11:30 GMT 1996   CHIP   ending tape

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COMMENT: Sat Sep 21 03:11:38 GMT 1996
Activity report:
QP: 42-55; 115-135; 248; 294; 305.
No coronal activity.


TAPES:
******
MKIII: H01393
DPMON: P00714
CHIP: C00131
LOWL: L00415 in drive #1
SCAN-LOG
SCAN-LOG  17:14:08.  9/20/96 DOY 264
    17:20:52     17:24:08     17:27:25     17:30:38     17:33:53
    17:37:05     17:40:19     17:43:32     17:46:46     17:49:59
    17:53:17     17:56:29     17:59:42     18:02:54     1807 0 CL
    18:09:58     1814 15CL    18:20:18     18:25:12     18:28:23
    18:31:37     18:34:48     18:38:05     18:41:16     18:44:29
    18:47:40     18:50:54     18:54:05     18:57:18     19:00:29
    19:03:41     19:06:52     19:10:05     19:13:16     19:16:29
    19:19:41     19:22:54     19:26:05     19:29:18     19:32:29
    19:35:43     19:38:55     19:42:08     19:45:19     19:48:32
    19:51:44     19:54:57     19:58:08     20:01:21     20:04:33
    20:07:46     20:10:57     20:14:10     20:17:22     20:20:35
    20:23:46     20:26:59     20:30:11
  0 ERRORS
OK
```