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--------------------------------------------------------------------------------
                   Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------------
         Thu Jan  7 17:22:15 GMT 1999
Year: 99  Doy: 007
Observer: koon
WEATHER COMMENT: Thu Jan  7 17:22:17 GMT 1999
Medium to thick cirrostratus, wind=5 mph from the South, temp=42 F.
Thu Jan  7 17:23:45 GMT 1999    CHIP     Startup--Initializing new tape
Thu Jan  7 19:52:17 GMT 1999    MKIII    Start Patrol
WEATHER COMMENT: Thu Jan  7 19:52:27 GMT 1999
Clouds have mostly cleared now, starting the instruments.
Thu Jan  7 19:53:12 GMT 1999    CHIP     CHIP Start Patrol
Thu Jan  7 19:53:18 GMT 1999    PICS     Start Patrol
Thu Jan  7 20:00:35 GMT 1999    PICS     Flat
Thu Jan  7 20:02:05 GMT 1999    PICS     End Flat
Thu Jan  7 20:02:54 GMT 1999    CHIP     Gain
Thu Jan  7 20:07:15 GMT 1999    CHIP     End Gain
Thu Jan  7 20:07:25 GMT 1999    CHIP     Bias
PICS  COMMENT: Thu Jan  7 20:08:33 GMT 1999
Pausing to do some testing for David.
 Bias
Thu Jan  7 20:08:41 GMT 1999    CHIP     Water
Thu Jan  7 20:09:21 GMT 1999    CHIP     End Water
Thu Jan  7 20:09:34 GMT 1999    PICS     End Patrol
Thu Jan  7 20:11:47 GMT 1999    MKIII    Start Cal
Thu Jan  7 20:32:00 GMT 1999    MKIII    Start Patrol
Thu Jan  7 21:00:53 GMT 1999    CHIP     Bias
Thu Jan  7 21:01:57 GMT 1999    CHIP     End Bias
Thu Jan  7 21:02:07 GMT 1999    CHIP     Water
Thu Jan  7 21:02:46 GMT 1999    CHIP     End Water
PICS  COMMENT: Thu Jan  7 21:09:12 GMT 1999
We determined the correct LCVR voltages and they have been compiled into the
program. I will send over an hourly image right after the first disk image.
Then I'll stop the Patrol and install an occulter that is one size larger
than the limb image occulter into the K-Corona space in the occulting wheel.
Finally I'll run the Special program David requested.
WEATHER COMMENT: Thu Jan  7 21:14:23 GMT 1999
Light to Heavy cirrostratus is blanketing the sky again.
PICS  COMMENT: Thu Jan  7 21:15:20 GMT 1999
I won't be able to run the Special program until the clouds clear away.
Thu Jan  7 21:16:34 GMT 1999    PICS     End Patrol
Thu Jan  7 21:17:12 GMT 1999    MKIII    End Patrol
PICS  COMMENT: Thu Jan  7 21:29:09 GMT 1999
Regular limb occulting disk is at 1991, so I'm installing the 2001 arcsecond
diameter disk for the K-corona.  I also entered the regular occulting disk
size into the program as we should do everytime that disk size is changed
using the command:
```

```
SetOccultingDisk 1991
in the Nene xterm window.
PICS  COMMENT: Thu Jan  7 21:46:36 GMT 1999
Changed to the largest occulting disk for the K-corona, at David's request,
it is now at 2012 arcseconds.
Thu Jan  7 22:02:52 GMT 1999    CHIP       Bias
Thu Jan  7 22:03:46 GMT 1999    CHIP       End Bias
Thu Jan  7 22:03:56 GMT 1999    CHIP       Water
Thu Jan  7 22:04:34 GMT 1999    CHIP       End Water
Thu Jan  7 22:31:41 GMT 1999    CHIP       CHIP End Patrol
Thu Jan  7 22:37:09 GMT 1999    CHIP       ending tape
COMMENT: Thu Jan  7 22:44:28 GMT 1999

TAPES:
******
MKIV: 99007
CHIP: C00756
PICS: P01369
LOWL: L00567 in drive #0

Thu Jan  7 22:46:19 GMT 1999
        MkIII


19_52.rawmk3    20_15.rawmk3    20_41.rawmk3    21_01.rawmk3    c20_18.rawmk3
19_55.rawmk3    20_21.rawmk3    20_45.rawmk3    21_04.rawmk3    c20_25.rawmk3
19_58.rawmk3    20_28.rawmk3    20_48.rawmk3    21_07.rawmk3
20_02.rawmk3    20_32.rawmk3    20_51.rawmk3    21_10.rawmk3
20_05.rawmk3    20_35.rawmk3    20_54.rawmk3    21_14.rawmk3
20_08.rawmk3    20_38.rawmk3    20_57.rawmk3    c20_11.rawmk3
```