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--------------------------------------------------------------------------------
                  Mauna Loa Solar Observatory Observer's Log
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          Tue Jul 30 16:55:27 GMT 1996
Year: 96  Doy: 212
Observer: koon
WEATHER COMMENT: Tue Jul 30 16:55:33 GMT 1996
Medium to thick cirrostratus, wind=10 mph from the SSE, temp=43 F.
Spar won't track yet due to clouds.
Tue Jul 30 17:01:25 GMT 1996    dPMon    Start Patrol
COMMENT: Tue Jul 30 17:01:37 GMT 1996
Spar is tracking now, starting observations.
 Patrol
CHIP COMMENT: Tue Jul 30 17:09:02 GMT 1996
Nice, good sized Active Region in the SouthEast.  Same place David saw the
filament channel and helmet streamer a few days ago.  Also there appears
to be a filament/prominence at PA=325, its neat to see the portion against
the disk as a filament at the same time as the portion off the limb appears
as a bright prominence, I've never seen both on one image like this before,
a definite advantage of this helium line.
Tue Jul 30 18:01:52 GMT 1996    dPMon    Flat
Tue Jul 30 18:02:47 GMT 1996    dPMon    End Flat
Tue Jul 30 18:03:29 GMT 1996    CHIP     Bias
Tue Jul 30 18:04:40 GMT 1996    CHIP     End Bias
Tue Jul 30 18:04:51 GMT 1996    CHIP     Water
Tue Jul 30 18:05:28 GMT 1996    CHIP     End Water
Tue Jul 30 19:01:50 GMT 1996    dPMon    Flat
Tue Jul 30 19:02:46 GMT 1996    dPMon    End Flat
Tue Jul 30 19:04:33 GMT 1996    CHIP     Bias
Tue Jul 30 19:05:49 GMT 1996    CHIP     End Bias
Tue Jul 30 19:05:56 GMT 1996    CHIP     Water
Tue Jul 30 19:06:30 GMT 1996    CHIP     End Water
WEATHER COMMENT: Tue Jul 30 19:22:06 GMT 1996
Getting some cirrus wisps passing by.
DPMON COMMENT: Tue Jul 30 19:22:32 GMT 1996
Patrol has stalled trying to send an image to Boulder, I wasn't able to
log in completely to puu either, get message "NFS server veers not
responding still trying".  I'll try to kill the transfer tasks and see if
Patrol will continue correctly.
DPMON COMMENT: Tue Jul 30 19:33:52 GMT 1996
I killed the ftpxfer task and the program continued for a while, then tried
to send image to Boulder again (I think).  David is logged in so maybe he
kill the ftpxfer task again, the Patrol seems to be running OK again.
COMMENT: Tue Jul 30 19:52:06 GMT 1996
Extended dome slot.
Tue Jul 30 20:01:57 GMT 1996    dPMon    Flat
Tue Jul 30 20:02:03 GMT 1996    CHIP     Gain
Tue Jul 30 20:02:52 GMT 1996    dPMon    End Flat
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Tue Jul 30 20:06:20 GMT 1996     CHIP      End Gain
Tue Jul 30 20:06:30 GMT 1996     CHIP      Bias
Tue Jul 30 20:07:12 GMT 1996     CHIP      End Bias
Tue Jul 30 20:07:20 GMT 1996     CHIP      Water
Tue Jul 30 20:07:47 GMT 1996     CHIP      End Water
Tue Jul 30 21:01:49 GMT 1996     dPMon     Flat
Tue Jul 30 21:02:40 GMT 1996     dPMon     End Flat
Tue Jul 30 21:03:29 GMT 1996     CHIP      Bias
Tue Jul 30 21:04:26 GMT 1996     CHIP      End Bias
Tue Jul 30 21:04:33 GMT 1996     CHIP      Water
Tue Jul 30 21:05:06 GMT 1996     CHIP      End Water
DPMON COMMENT: Tue Jul 30 21:09:37 GMT 1996
Just talked to David, the server for puu is down but the server for puka is
working, thats why the chip image got through to Boulder although the
dPMon images did not.  If the program hangs up like that we can kill the
task called rcp to let the program continue without sending an image, we
have to do it twice since it will hang up twice as it tries to send the
two images.
Tue Jul 30 22:04:38 GMT 1996     CHIP      Bias
Tue Jul 30 22:05:39 GMT 1996     CHIP      End Bias
Tue Jul 30 22:05:46 GMT 1996     CHIP      Water
Tue Jul 30 22:06:21 GMT 1996     CHIP      End Water
WEATHER COMMENT: Tue Jul 30 22:23:37 GMT 1996
Cirrus has slowly turned into light to medium cirrostratus overcast.
Tue Jul 30 22:54:33 GMT 1996     CHIP      CHIP End Patrol
DPMON COMMENT: Tue Jul 30 23:00:34 GMT 1996
Noticed that dPMon was stalled with Optics:Pend, not sure how long but I
didn't lose any data since there has been a continuous cirrostratus
overcast.
Tue Jul 30 23:37:57 GMT 1996     dPMon     End Patrol
Tue Jul 30 23:38:54 GMT 1996     CHIP      ending tape

Activity Report:
QP: 80; 108; 235; 305-320.
No coronal activity

TAPES:
******
MKIII: H01349
DPMON: P00670
CHIP: C00087
LOWL: L00406 in drive #0

SCAN-LOG
SCAN-LOG  17:03:25.  7/30/96 DOY 212
    17:09:29      17:12:41      17:15:56      17:19:11      17:22:27
    17:25:43      17:28:59      17:32:13      17:35:28      17:38:41
    17:41:56      17:45:08      17:48:22      17:51:34      17:54:48
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    17:58:01        18:01:13        18:04:26        1808 0 CL       18:29:17
    1838 15CL       18:44:00        18:48:51        18:52:05        18:55:22
    18:58:36        19:01:52        19:05:03        19:08:16        19:11:28
    19:14:41        19:17:53        19:21:08        19:24:20        19:27:34
    19:30:46        19:33:59        19:37:12        19:40:27        19:43:39
    19:46:52        19:50:04        19:53:20        19:56:33        19:59:48
    20:02:59        20:06:12        20:09:24        20:12:37        20:15:49
    20:19:02        20:22:16        20:25:34        20:28:46        20:31:59
    20:35:10        20:38:22        20:41:33        20:44:44        20:47:55
    20:51:06        20:54:17        20:57:28        21:00:39        21:03:51
    21:07:02        21:10:14        21:13:24        21:16:36        21:19:47
    21:22:59        21:26:09        21:29:21        21:32:32        21:35:43
    21:38:54        21:42:06        21:45:16        21:48:28        21:51:39
    21:54:51        21:58:01        22:01:13        22:04:24        22:07:35
    22:10:46        22:13:58        22:17:09        22:20:21        22:23:34
    22:26:50        22:30:01        22:33:13        22:36:24        22:39:36
    22:42:46        22:45:58        22:49:09        22:52:21        22:55:32
    22:58:44        23:01:54
  0 ERRORS
OK
```