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                Mauna Loa Solar Observatory Observer's Log
------------------------------------------------------------------------
            Sun Feb 27 18:08:15 GMT 1994
Year: 94  Doy: 058
Observer: yasukawa
Sun Feb 27 18:09:03 GMT 1994
   Comment:
Cool, clear, 10 degrees C, light se breeze.
Sun Feb 27 18:09:54 GMT 1994
  MkIII :
Exabyte tape stuck in drive, will have to manually pop it out.
            Sun Feb 27 18:10:49 GMT 1994
Patrol Start
Sun Feb 27 18:22:39 GMT 1994
  dPMon:
Cycled Plessey boot to recover from Halle runaway.
Sun Feb 27 18:32:05 GMT 1994
  MkIII :
Power cycled on MKIII to recover from stuck tape.  Discarded
tape and started a new one.
            Sun Feb 27 19:02:17 GMT 1994
Filemark-Calibration
Sun Feb 27 19:27:51 GMT 1994
  MkIII :
Line driver overload light A on the channel 1 has been lit since starting.
It just went out after flashing for a few minutes.
This condition has been present for a 'long' time at least a year.
We will formulate a plan and then Eric will take corrective action after
we leave.
Sun Feb 27 19:35:38 GMT 1994
  MkIII :
Switched line driver gain on channel 1 from 4 to 2 to eliminate
clipping in Negative going signal on PGA monitor.  This also turns
off the A LED.
Sun Feb 27 19:51:18 GMT 1994
  dPMon:
after cycling the analog power for the mkIII there was a run away of the
Objective wheel and the halle filter.  Boot of Plessey stopped run away
of Objective wheel.  Halle filter is also fixed..
            Sun Feb 27 20:02:20 GMT 1994
Filemark-Calibration
Sun Feb 27 20:05:32 GMT 1994
  dPMon:
Wild guiding since we are swapping line drivers on the back of the mkIII.
Sun Feb 27 20:33:41 GMT 1994
  MkIII :
Channel 1 is loud.  With line driver gain of 2 the PGA signal is 3/4
of saturation.  With line driver gain of 4 PGA signal is pegged negative.
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Also with a gain of 4 in AM differential driver error light A is lit.
P+S for channel 1 is only slightly less than that for channel 0 with a gain
of 2 on the line driver. Decision: run at line driver gain off 2.
We will try to do a cal this AM to compare before to after.
        Sun Feb 27 21:02:19 GMT 1994
Filemark-Calibration
        Sun Feb 27 22:02:21 GMT 1994
Filemark-Calibration
        Sun Feb 27 22:08:07 GMT 1994
Patrol End
Sun Feb 27 22:08:53 GMT 1994
  Comment:

Ending DPMON and MKIII observations for the day.

Activity report:
AR 45-55; 275-280;
QP: 100; 224;
Slight depletion in bright streamer on west limb.

Line Driver gain set from 4 to 2 in channel 1 today.

Tapes:
MKIII: H00707
DPMON: P00006
        Sun Feb 27 22:13:54 GMT 1994
Filemark
SCAN-LOG
SCAN-LOG 18:29:55. 2/27/94 DOY 58
    18:34:07   18:37:22   18:40:35   18:43:49   18:47:04
    1851 0 CL   18:54:55   1900 15CL   19:09:33   19:12:46
    19:16:05   19:19:19   19:22:32   19:25:44   19:28:57
    19:32:09   19:35:22   19:38:33   2039 0 CL   20:42:35
    2046 15CL   20:51:26   20:54:36   20:57:45   21:00:55
    21:04:04   21:07:14   21:10:22   21:13:32   21:16:40
    21:19:50   21:22:59   21:26:12   21:29:19   21:32:28
    21:35:36   21:38:45   21:41:52   21:45:01   21:48:08
    21:51:17   21:54:24   21:57:33   22:00:40   22:03:48
    22:06:56
  0 ERRORS
OK