Mauna Loa Solar Observatory Observer's Log

Sun Feb 27 18:08:15 GMT 1994 Year: 94 Dov: 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 MkTTT : 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 MkTTT : 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 MkTTT : 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 MkTTT : 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.

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; OP: 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 20:54:36 20:57:45 2046 15CL 20:51:26 21:00:55 21:07:14 21:04:04 21:10:22 21:13:32 21:16:40 21:19:50 21:22:59 21:26:12 21:29:19 21:32:28 21:38:45 21:35:36 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