
Mauna Loa Solar Observatory Observer's Log

Tue Apr 27 16:47:03 GMT 1999

Year: 99 Doy: 117

Observer: yasukawa

Tue Apr 27 16:52:24 GMT 1999 CHIP Startup--Initializing new tape

WEATHER COMMENT: Tue Apr 27 16:52:39 GMT 1999

Cool, clear, light southeast wind.

MKIV PROBLEM: Tue Apr 27 16:52:59 GMT 1999

Installed replacement 'e' drive and tested it, works OK, 'probe-scsi'
recognized its presence.

PICS COMMENT: Tue Apr 27 16:53:57 GMT 1999

PICS Halle filter has been tuned 0.18 angstroms to the red after
yesterday's H-alpha lamp tests.

P CHIP Start Patrol

Tue Apr 27 16:55:13 GMT 1999 PICS Start Patrol

MKIV PROBLEM: Tue Apr 27 16:59:07 GMT 1999

MKIII/IV came up but did not start scanning. Reboot KCC.

Tue Apr 27 17:00:50 GMT 1999 MKIII Start Patrol

Tue Apr 27 17:01:51 GMT 1999 CHIP Bias

Tue Apr 27 17:02:38 GMT 1999 CHIP End Bias

Tue Apr 27 17:02:41 GMT 1999 PICS Flat

Tue Apr 27 17:02:47 GMT 1999 CHIP Water

Tue Apr 27 17:03:21 GMT 1999 CHIP End Water

Tue Apr 27 17:04:11 GMT 1999 PICS End Flat

Tue Apr 27 17:06:23 GMT 1999 PICS End Patrol

Tue Apr 27 17:21:36 GMT 1999 PICS Start Patrol

Tue Apr 27 18:00:48 GMT 1999 CHIP Bias

Tue Apr 27 18:01:33 GMT 1999 PICS Flat

Tue Apr 27 18:01:41 GMT 1999 CHIP End Bias

Tue Apr 27 18:01:51 GMT 1999 CHIP Water

Tue Apr 27 18:02:31 GMT 1999 CHIP End Water

Tue Apr 27 18:03:03 GMT 1999 PICS End Flat

MKIII PROBLEM: Tue Apr 27 18:10:58 GMT 1999

Tried loading several "good" corrector tables into .current (1831, 1838,
and 1854) and none seemed to remove the outer ring. This leads us to
believe that the ring is hardware related and has nothing to do with
the correctors. We will do one last test and re-do CORRECT using the
"good" 199709241834 corrector table.

MKIII PROBLEM: Tue Apr 27 18:15:04 GMT 1999

Running CORRECT now.

Tue Apr 27 18:19:38 GMT 1999 MKIII End Correct

Tue Apr 27 18:19:56 GMT 1999 MKIII Start Patrol

MKIII PROBLEM: Tue Apr 27 18:21:03 GMT 1999

Gain correct looked good on this correct attempt. We will keep the corrector
table based on this last correct as "good" regardless of outcome with the
outer ring problem.

Tue Apr 27 18:26:20 GMT 1999 MKIII Start Cal

Tue Apr 27 18:46:18 GMT 1999 MKIII Start Patrol

MKIII COMMENT: Tue Apr 27 18:52:29 GMT 1999

Stopping MKIII/IV so David can work on software.

ol

GONG COMMENT: Tue Apr 27 18:52:58 GMT 1999

Going down to GONG to do weekly PM.

Tue Apr 27 18:56:23 GMT 1999 MKIII Start Patrol

Tue Apr 27 19:01:44 GMT 1999 PICS Flat

Tue Apr 27 19:02:59 GMT 1999 CHIP Bias

Tue Apr 27 19:03:16 GMT 1999 PICS End Flat

Tue Apr 27 19:03:57 GMT 1999 CHIP End Bias

Tue Apr 27 19:04:07 GMT 1999 CHIP Water

Tue Apr 27 19:04:46 GMT 1999 CHIP End Water

Tue Apr 27 19:21:52 GMT 1999 MKIII End Patrol

Tue Apr 27 19:23:35 GMT 1999 PICS End Patrol

Tue Apr 27 19:29:51 GMT 1999 MKIII Start Patrol

Tue Apr 27 19:37:11 GMT 1999 PICS Start Patrol

PICS COMMENT: Tue Apr 27 19:38:48 GMT 1999

Fooling with Halle filter temperature. Moved from 41.7 to 41.35 degrees, 7.51 to 7.00 on filter controller knob.

Did a scan of the absorption line with correct 0.1A step size and found minimum intensity at blue -0.05 A. Left the filter set to that reading for now and will reset the temperature controller to 7.10, will let it settle and then repeat this test. What a difference 0.1A steps makes!

Tue Apr 27 20:02:48 GMT 1999 CHIP Gain
Tue Apr 27 20:02:48 GMT 1999 CHIP Gain
Tue Apr 27 20:04:45 GMT 1999 PICS End Flat
Tue Apr 27 20:07:38 GMT 1999 CHIP End Gain
Tue Apr 27 20:07:59 GMT 1999 CHIP Bias
Tue Apr 27 20:08:23 GMT 1999 MKIII Start Patrol
Tue Apr 27 20:08:59 GMT 1999 CHIP End Bias
Tue Apr 27 20:09:15 GMT 1999 CHIP Water
Tue Apr 27 20:10:00 GMT 1999 CHIP End Water

COMMENT: Tue Apr 27 20:19:34 GMT 1999
Reconfiguring the dome slot

Tue Apr 27 20:19:27 GMT 1999 PICS End Patrol
Tue Apr 27 20:19:35 GMT 1999 CHIP CHIP End Patrol
Tue Apr 27 20:26:19 GMT 1999 CHIP CHIP Start Patrol
Tue Apr 27 20:26:19 GMT 1999 CHIP CHIP Start Patrol
Tue Apr 27 20:26:53 GMT 1999 MKIII Start Patrol
Tue Apr 27 20:32:46 GMT 1999 MKIII Start Patrol
Tue Apr 27 20:45:53 GMT 1999 MKIII Start Patrol

WEATHER COMMENT: Tue Apr 27 20:52:48 GMT 1999

In orographic clouds.

Tue Apr 27 20:56:11 GMT 1999 MKIII Start Patrol
Tue Apr 27 21:02:47 GMT 1999 CHIP Bias
Tue Apr 27 21:03:51 GMT 1999 CHIP End Bias
Tue Apr 27 21:04:04 GMT 1999 CHIP Water
Tue Apr 27 21:04:50 GMT 1999 CHIP End Water
Tue Apr 27 21:12:50 GMT 1999 PICS Start Patrol
Tue Apr 27 21:15:27 GMT 1999 MKIII Start Patrol
Tue Apr 27 21:20:22 GMT 1999 CHIP CHIP End Patrol
Tue Apr 27 21:33:12 GMT 1999 PICS End Patrol
Tue Apr 27 21:37:43 GMT 1999 MKIII Start Patrol
Tue Apr 27 22:07:56 GMT 1999 MKIII Start Patrol
Tue Apr 27 22:12:53 GMT 1999 MKIII Start Patrol
Tue Apr 27 22:20:44 GMT 1999 MKIII Start Patrol
Tue Apr 27 22:28:11 GMT 1999 MKIII Start Patrol
Tue Apr 27 22:31:22 GMT 1999 CHIP ending tape
Tue Apr 27 22:39:07 GMT 1999 MKIII End Patrol
Tue Apr 27 22:47:50 GMT 1999 MKIII Start Patrol
Tue Apr 27 22:49:24 GMT 1999 MKIII End Patrol
Tue Apr 27 22:53:47 GMT 1999 MKIII Start Patrol
Tue Apr 27 23:01:26 GMT 1999 MKIII End Patrol
Tue Apr 27 23:34:03 GMT 1999 MKIII Start Patrol
Tue Apr 27 23:40:22 GMT 1999 MKIII End Patrol
Tue Apr 27 23:50:03 GMT 1999 MKIII Start Patrol
Wed Apr 28 00:12:39 GMT 1999 MKIII Start Patrol
Wed Apr 28 00:28:07 GMT 1999 MKIII Start Patrol
Wed Apr 28 00:42:37 GMT 1999 MKIII End Patrol
Wed Apr 28 00:50:56 GMT 1999 MKIII Start Patrol

COMMENT: Wed Apr 28 00:54:20 GMT 1999

Tapes:

MKIV: 99-117
PICS: P01423
CHIP: C00835
LOWL: L00595

Wed Apr 28 00:57:20 GMT 1999 MKIII End Patrol
Wed Apr 28 01:06:56 GMT 1999 MKIII Start Patrol
Wed Apr 28 01:13:14 GMT 1999 MKIII End Patrol
Wed Apr 28 01:14:43 GMT 1999 MKIII Start Patrol

MKIII COMMENT: Wed Apr 28 01:19:10 GMT 1999

Swapping out analog cards to determine if any swap will get rid of the outer ring
There will be all new cards for tomorrow. At that time we can check if

I channel returns. Alice reported it disappeared yesterday at 2133 UT while we were doing card swaps.

Wed Apr 28 01:22:20 GMT 1999 MKIII Start Patrol

MKIII PROBLEM Wed Apr 28 01:24:01 GMT 1999

I think we got I back with the new AN4 card (A/D converters). Outer ring noise is still there.

Wed Apr 28 01:28:39 GMT 1999 MKIII End Patrol

MKIII COMMENT: Wed Apr 28 01:29:50 GMT 1999

Leaving MKIII with a complete change of analog cards.

Wed Apr 28 01:30:39 GMT 1999

MkIII

00_28.rawmk3	108_37.rawmk3	17_34.rawmk3	18_23.rawmk3	19_18.rawmk3
00_31.rawmk3	109_50.rawmk3	17_37.rawmk3	18_29.rawmk3	19_33.rawmk3
00_34.rawmk3	110_26.rawmk3	17_40.rawmk3	18_36.rawmk3	19_40.rawmk3
00_37.rawmk3	17_01.rawmk3	17_44.rawmk3	18_43.rawmk3	19_47.rawmk3
00_51.rawmk3	17_05.rawmk3	17_47.rawmk3	18_46.rawmk3	19_54.rawmk3
00_54.rawmk3	17_08.rawmk3	17_50.rawmk3	18_49.rawmk3	22_53.rawmk3
01_07.rawmk3	17_12.rawmk3	17_53.rawmk3	18_56.rawmk3	22_57.rawmk3
01_10.rawmk3	17_15.rawmk3	17_56.rawmk3	18_59.rawmk3	4991_39.rawmk3
01_14.rawmk3	17_18.rawmk3	17_59.rawmk3	19_02.rawmk3	c18_26.rawmk3
01_18.rawmk3	17_21.rawmk3	18_03.rawmk3	19_06.rawmk3	c18_33.rawmk3
01_22.rawmk3	17_24.rawmk3	18_06.rawmk3	19_09.rawmk3	c18_39.rawmk3
01_25.rawmk3	17_28.rawmk3	18_09.rawmk3	19_12.rawmk3	
108_00.rawmk3	17_31.rawmk3	18_20.rawmk3	19_15.rawmk3	