
Mauna Loa Solar Observatory Observer's Log

Fri Dec 17 17:12:01 GMT 1999
Year: 99 Doy: 351
Observer: yasukawa
WEATHER COMMENT: Fri Dec 17 17:13:28 GMT 1999
Cool, clear, south wind.
Fri Dec 17 17:20:15 GMT 1999 CHIP Startup--Initializing new tape
Fri Dec 17 17:22:58 GMT 1999 PICS Start Patrol
Fri Dec 17 17:23:09 GMT 1999 MKIV Start Patrol
Fri Dec 17 17:23:16 GMT 1999 CHIP CHIP Start Patrol
CHIP PROBLEM: Fri Dec 17 17:27:20 GMT 1999
I was checking kii with q, there were 21 messages, then a flurry of:
tape i/o error
tape write -1
entries whizzed by. Stopping to reload new tape.
Fri Dec 17 17:29:47 GMT 1999 CHIP CHIP End Patrol
Fri Dec 17 17:30:43 GMT 1999 CHIP ending tape
Fri Dec 17 17:35:40 GMT 1999 CHIP Startup--Initializing new tape
CHIP PROBLEM: Fri Dec 17 17:38:02 GMT 1999
Cleaned drive and loaded new C00992.
IP Start Patrol
CHIP COMMENT: Fri Dec 17 17:49:04 GMT 1999
21 messages in queue
MKIV PROBLEM: Fri Dec 17 17:53:45 GMT 1999
flcStart to fix phasing reversal.
MKIV PROBLEM: Fri Dec 17 17:55:43 GMT 1999
flcStart two more times.
Fri Dec 17 18:00:27 GMT 1999 PICS Flat
MKIV PROBLEM: Fri Dec 17 18:01:39 GMT 1999
flcStart again.
Fri Dec 17 18:03:06 GMT 1999 CHIP Bias
Fri Dec 17 18:03:06 GMT 1999 CHIP Bias
Fri Dec 17 18:04:21 GMT 1999 CHIP End Bias
Fri Dec 17 18:04:38 GMT 1999 CHIP Water
Fri Dec 17 18:05:27 GMT 1999 CHIP End Water
CHIP COMMENT: Fri Dec 17 18:06:27 GMT 1999
21 messages in queue
MKIV PROBLEM: Fri Dec 17 18:14:05 GMT 1999
flcStart again.
MKIV PROBLEM: Fri Dec 17 18:26:08 GMT 1999
flcStart again.
MKIV PROBLEM: Fri Dec 17 18:45:17 GMT 1999
flcStart again.
CHIP COMMENT: Fri Dec 17 18:50:36 GMT 1999
Still 21 messages in queue.
MKIV PROBLEM: Fri Dec 17 18:52:15 GMT 1999

flcStart Again.

MKIV PROBLEM : Fri Dec 17 18:56:05 GMT 1999

flcStart again

Fri Dec 17 19:03:18 GMT 1999 CHIP Bias

Fri Dec 17 19:04:36 GMT 1999 CHIP End Bias

Fri Dec 17 19:04:55 GMT 1999 CHIP Water

Fri Dec 17 19:05:36 GMT 1999 CHIP End Water

MKIV PROBLEM : Fri Dec 17 19:17:56 GMT 1999

Missed a bunch of phasing errors.

MKIV PROBLEM : Fri Dec 17 19:18:30 GMT 1999

flcStart again--caught this one.

MKIV PROBLEM : Fri Dec 17 19:26:10 GMT 1999

flcStart again

MKIV PROBLEM : Fri Dec 17 19:28:11 GMT 1999

Stopping logging of phasing fixes, will concentrate on catching them when I can.

CHIP COMMENT: Fri Dec 17 19:39:39 GMT 1999

Still 21 messages in queue

Fri Dec 17 20:03:12 GMT 1999 CHIP Gain

MKIV PROBLEM : Fri Dec 17 20:07:22 GMT 1999

David suggested we not fix the phasing errors unless it really bothers

us to see it in the display. The error causes one ray to glitch,

flcStart causes another ray to glitch. Not fixing it produces

1/2 as many glitches in the data.

End Gain

Fri Dec 17 20:09:17 GMT 1999 CHIP Bias

CHIP COMMENT: Fri Dec 17 20:09:34 GMT 1999

WOW! program just continued on past the -1000, -500 stall point!

Message queue is all zeroes.

CHIP End Bias

Fri Dec 17 20:10:37 GMT 1999 CHIP Water

Fri Dec 17 20:11:21 GMT 1999 CHIP End Water

MKIV PROBLEM : Fri Dec 17 20:20:14 GMT 1999

Checked voltage at output from power supply to 1/2-wave plate encoder

circuits on spar. Output was 12.1 VDC. I will check it when

we are experiencing multiple phasing errors to see if the voltage

goes below spec.

Fri Dec 17 21:03:11 GMT 1999 CHIP Bias

Fri Dec 17 21:04:19 GMT 1999 CHIP End Bias

Fri Dec 17 21:04:35 GMT 1999 CHIP Water

Fri Dec 17 21:05:27 GMT 1999 CHIP End Water

LOW-L PROBLEM : Fri Dec 17 21:39:21 GMT 1999

Both tapes were popped out. Unsure when this happened. LOWL was

writing to drive 0 this morning, 36 files when I last looked. Found

lowl trying to write to drive 1, 0 files, and no tape online error.

Removed L00652 from drive 0, and L00653 from drive 1, cleaned both drives,

Reloaded L00653 into drive 1, lowl began writing to L00653, loaded

L00654 into drive 0.

Fri Dec 17 22:03:10 GMT 1999 CHIP Bias
Fri Dec 17 22:04:19 GMT 1999 CHIP End Bias
Fri Dec 17 22:04:37 GMT 1999 CHIP Water
Fri Dec 17 22:05:30 GMT 1999 CHIP End Water

**** EVENT COMMENT ****: Fri Dec 17 22:06:53 GMT 1999
Limbflare on east limb, has been ongoing from around 2100 UT.

**** EVENT COMMENT ****: Fri Dec 17 22:24:27 GMT 1999
Limbflare on east limb has just about fizzled out.

Fri Dec 17 22:32:32 GMT 1999 CHIP CHIP End Patrol
Fri Dec 17 22:32:57 GMT 1999 CHIP ending tape
Fri Dec 17 22:34:44 GMT 1999 PICS End Patrol

COMMENT: Fri Dec 17 22:35:51 GMT 1999

Tapes:

MKIV: 99-351

PICS: P01616

CHIP: C00992

LOWL: L00652 and L00653

Fri Dec 17 22:41:54 GMT 1999

MkIV

17_23.rawmk4	18_35.rawmk4	19_38.rawmk4	20_41.rawmk4	21_44.rawmk4
17_26.rawmk4	18_38.rawmk4	19_41.rawmk4	20_44.rawmk4	21_47.rawmk4
17_29.rawmk4	18_41.rawmk4	19_44.rawmk4	20_47.rawmk4	21_50.rawmk4
17_32.rawmk4	18_44.rawmk4	19_47.rawmk4	20_50.rawmk4	21_53.rawmk4
17_35.rawmk4	18_47.rawmk4	19_50.rawmk4	20_53.rawmk4	21_56.rawmk4
17_38.rawmk4	18_50.rawmk4	19_53.rawmk4	20_56.rawmk4	21_59.rawmk4
17_41.rawmk4	18_53.rawmk4	19_56.rawmk4	20_59.rawmk4	22_02.rawmk4
17_44.rawmk4	18_56.rawmk4	19_59.rawmk4	21_02.rawmk4	22_05.rawmk4
17_46.rawmk4	18_59.rawmk4	20_02.rawmk4	21_05.rawmk4	22_08.rawmk4
17_49.rawmk4	19_02.rawmk4	20_05.rawmk4	21_08.rawmk4	22_11.rawmk4
17_52.rawmk4	19_05.rawmk4	20_08.rawmk4	21_11.rawmk4	22_14.rawmk4
17_55.rawmk4	19_08.rawmk4	20_11.rawmk4	21_14.rawmk4	22_17.rawmk4
17_58.rawmk4	19_11.rawmk4	20_14.rawmk4	21_17.rawmk4	22_20.rawmk4
18_01.rawmk4	19_14.rawmk4	20_17.rawmk4	21_20.rawmk4	22_23.rawmk4
18_07.rawmk4	19_17.rawmk4	20_20.rawmk4	21_23.rawmk4	22_26.rawmk4
18_14.rawmk4	19_20.rawmk4	20_23.rawmk4	21_26.rawmk4	22_29.rawmk4
18_20.rawmk4	19_23.rawmk4	20_26.rawmk4	21_29.rawmk4	22_32.rawmk4
18_23.rawmk4	19_26.rawmk4	20_29.rawmk4	21_32.rawmk4	c18_04.rawmk4
18_26.rawmk4	19_29.rawmk4	20_32.rawmk4	21_35.rawmk4	c18_11.rawmk4
18_29.rawmk4	19_32.rawmk4	20_35.rawmk4	21_38.rawmk4	c18_17.rawmk4
18_32.rawmk4	19_35.rawmk4	20_38.rawmk4	21_41.rawmk4	