

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Mon Nov 29 16:48:53 GMT 1999

Year: 99 Doy: 333

Observer: yasukawa

WEATHER COMMENT: Mon Nov 29 16:51:48 GMT 1999

Cold, clear, southeast wind.

Mon Nov 29 16:52:08 GMT 1999 CHIP Startup--Initializing new tape

WEATHER COMMENT: Mon Nov 29 16:55:07 GMT 1999

Sun not quite up yet. Very shiny halo around top limb of sun as it is rising above horizon. May be thin cirrus, some structure is apparent.

Mon Nov 29 17:07:02 GMT 1999 PICS Start Patrol

Mon Nov 29 17:07:02 GMT 1999 PICS Start Patrol

Mon Nov 29 17:17:36 GMT 1999 MKIV Start Patrol

\*\*MKIV PROBLEM\*\* Mon Nov 29 17:27:56 GMT 1999

Using flcStart to quash phasing errors.

MKIV COMMENT: Mon Nov 29 17:34:56 GMT 1999

MKIV cleared dome wall.

\*\*MKIV PROBLEM\*\* Mon Nov 29 17:39:14 GMT 1999

Phasing correction 3 quick times in succession, one scan.

\*\*MKIV PROBLEM\*\* Mon Nov 29 17:41:16 GMT 1999

phasing correction again, same scan.

\*\*MKIV PROBLEM\*\* Mon Nov 29 17:44:06 GMT 1999

phasing correction.

\*\*MKIV PROBLEM\*\* Mon Nov 29 17:51:55 GMT 1999

Continuing to do flcStart fixes. will not continue logging it but

I will note about when the problem goes away... I think it's a morning thing--temp?

Mon Nov 29 18:02:06 GMT 1999 CHIP Bias

Mon Nov 29 18:03:09 GMT 1999 CHIP End Bias

Mon Nov 29 18:03:28 GMT 1999 PICS Flat

Mon Nov 29 18:03:28 GMT 1999 PICS Flat

Mon Nov 29 18:04:21 GMT 1999 CHIP End Water

Mon Nov 29 18:06:10 GMT 1999 PICS End Flat

\*\*MKIV PROBLEM\*\* Mon Nov 29 18:11:15 GMT 1999

mk4 went 2 scans without phase reversal--a good sign?

\*\*MKIV PROBLEM\*\* Mon Nov 29 18:35:41 GMT 1999

phase reversals may be over for the day. I had to fix one more occurrence on scan after last mk4 comment.

\*\*CHIP PROBLEM\*\* Mon Nov 29 18:49:07 GMT 1999

Ugh! I was concentrating on mk4 phasing I didn't notice when CHIP stalled at Velocity. Cancelled WaitTape to resume program.

\*\*CHIP PROBLEM\*\* Mon Nov 29 18:50:59 GMT 1999

Stalled again at next occurrence, Cancelled Wait.

GONG COMMENT: Mon Nov 29 18:56:21 GMT 1999

Going down to

GONG to do weekly PM.

Mon Nov 29 19:03:06 GMT 1999 CHIP Bias  
Mon Nov 29 19:04:18 GMT 1999 CHIP End Bias  
Mon Nov 29 19:04:40 GMT 1999 CHIP Water  
Mon Nov 29 19:05:31 GMT 1999 CHIP End Water  
GONG COMMENT: Mon Nov 29 19:20:06 GMT 1999  
Back from GONG  
\*\*\*\* EVENT COMMENT \*\*\*\*: Mon Nov 29 19:22:32 GMT 1999  
Small EPL on east limb and a larger looping EPL on west limb  
this morning.  
Mon Nov 29 20:03:00 GMT 1999 CHIP Gain  
WEATHER COMMENT: Mon Nov 29 20:11:42 GMT 1999  
gusty wind has occasionally buffeted spar, throwing PICS guiding off.  
\*\*CHIP PROBLEM\*\*: Mon Nov 29 20:17:05 GMT 1999  
Looks like program stalled in -1000, -500.  
console message: sendmessage: msgsnd failed: Resource temporarily unavailable  
Trying Cancel WaitTape.  
Did it twice and program continued.  
nd Gain  
Mon Nov 29 20:19:32 GMT 1999 CHIP Bias  
Mon Nov 29 20:20:42 GMT 1999 CHIP End Bias  
Mon Nov 29 20:20:57 GMT 1999 CHIP Water  
Mon Nov 29 20:21:47 GMT 1999 CHIP End Water  
Mon Nov 29 21:02:06 GMT 1999 CHIP Bias  
Mon Nov 29 21:03:06 GMT 1999 CHIP End Bias  
Mon Nov 29 21:03:22 GMT 1999 CHIP Water  
Mon Nov 29 21:04:10 GMT 1999 CHIP End Water  
\*\*CHIP PROBLEM\*\*: Mon Nov 29 22:00:17 GMT 1999  
CHIP stalled at Velocity.  
console message:  
Nov 29 21:58:45 kii sendmail[169]: NOQUEUE: SYSERR: getrequests: accept  
Cancelled WaitTape and program resumed.  
Mon Nov 29 22:04:08 GMT 1999 CHIP Bias  
Mon Nov 29 22:05:14 GMT 1999 CHIP End Bias  
Mon Nov 29 22:05:25 GMT 1999 PICS End Patrol  
Mon Nov 29 22:05:25 GMT 1999 PICS End Patrol  
Mon Nov 29 22:06:15 GMT 1999 CHIP End Water  
Mon Nov 29 22:09:39 GMT 1999 CHIP CHIP End Patrol  
Mon Nov 29 22:11:59 GMT 1999 CHIP ending tape  
COMMENT: Mon Nov 29 22:16:07 GMT 1999  
Tapes:  
MKIV: 99-333  
PICS: P01606  
CHIP: C00981  
LOWL: L00645 in drive #0  
Mon Nov 29 22:17:14 GMT 1999  
MkIV

17\_17.rawmk4 18\_27.rawmk4 19\_26.rawmk4 20\_26.rawmk4 21\_26.rawmk4

|              |              |              |              |               |
|--------------|--------------|--------------|--------------|---------------|
| 17_20.rawmk4 | 18_30.rawmk4 | 19_29.rawmk4 | 20_29.rawmk4 | 21_29.rawmk4  |
| 17_23.rawmk4 | 18_33.rawmk4 | 19_32.rawmk4 | 20_32.rawmk4 | 21_32.rawmk4  |
| 17_26.rawmk4 | 18_36.rawmk4 | 19_35.rawmk4 | 20_35.rawmk4 | 21_35.rawmk4  |
| 17_29.rawmk4 | 18_39.rawmk4 | 19_38.rawmk4 | 20_38.rawmk4 | 21_38.rawmk4  |
| 17_32.rawmk4 | 18_42.rawmk4 | 19_41.rawmk4 | 20_41.rawmk4 | 21_41.rawmk4  |
| 17_35.rawmk4 | 18_44.rawmk4 | 19_44.rawmk4 | 20_44.rawmk4 | 21_44.rawmk4  |
| 17_38.rawmk4 | 18_47.rawmk4 | 19_47.rawmk4 | 20_47.rawmk4 | 21_47.rawmk4  |
| 17_41.rawmk4 | 18_50.rawmk4 | 19_50.rawmk4 | 20_50.rawmk4 | 21_50.rawmk4  |
| 17_44.rawmk4 | 18_53.rawmk4 | 19_53.rawmk4 | 20_53.rawmk4 | 21_53.rawmk4  |
| 17_47.rawmk4 | 18_56.rawmk4 | 19_56.rawmk4 | 20_56.rawmk4 | 21_56.rawmk4  |
| 17_50.rawmk4 | 18_59.rawmk4 | 19_59.rawmk4 | 20_59.rawmk4 | 21_59.rawmk4  |
| 17_53.rawmk4 | 19_02.rawmk4 | 20_02.rawmk4 | 21_02.rawmk4 | 22_02.rawmk4  |
| 17_56.rawmk4 | 19_05.rawmk4 | 20_05.rawmk4 | 21_05.rawmk4 | c18_11.rawmk4 |
| 17_59.rawmk4 | 19_08.rawmk4 | 20_08.rawmk4 | 21_08.rawmk4 | c18_17.rawmk4 |
| 18_02.rawmk4 | 19_11.rawmk4 | 20_11.rawmk4 | 21_11.rawmk4 | c18_23.rawmk4 |
| 18_05.rawmk4 | 19_14.rawmk4 | 20_14.rawmk4 | 21_14.rawmk4 |               |
| 18_08.rawmk4 | 19_17.rawmk4 | 20_17.rawmk4 | 21_17.rawmk4 |               |
| 18_14.rawmk4 | 19_20.rawmk4 | 20_20.rawmk4 | 21_20.rawmk4 |               |
| 18_20.rawmk4 | 19_23.rawmk4 | 20_23.rawmk4 | 21_23.rawmk4 |               |