
Mauna Loa Solar Observatory Observer's Log

Tue Oct 26 16:38:33 GMT 1999

Year: 99 Doy: 299

Observer: yasukawa

Tue Oct 26 16:39:13 GMT 1999 CHIP Startup--Initializing new tape

WEATHER COMMENT: Tue Oct 26 16:39:19 GMT 1999

Cool, clear, brisk southeast wind.

LOW-L PROBLEM : Tue Oct 26 16:39:42 GMT 1999

LOWL did a "graphics" crash yesterday at 2138 UT with 4 files on L00639 in drive #0. Restarting and doing tape change, removing L00639 from drive 0, cleaning drive, loading L00641. Data will go to L00640 in drive #1.

Tue Oct 26 16:51:41 GMT 1999 PICS Start Patrol

Tue Oct 26 16:51:57 GMT 1999 CHIP CHIP Start Patrol

Tue Oct 26 16:57:12 GMT 1999 MKIV Start Patrol

Tue Oct 26 17:02:02 GMT 1999 CHIP Bias

Tue Oct 26 17:03:04 GMT 1999 CHIP End Bias

Tue Oct 26 17:03:20 GMT 1999 CHIP Water

Tue Oct 26 17:04:06 GMT 1999 CHIP End Water

MKIV PROBLEM : Tue Oct 26 17:15:06 GMT 1999

Checked out sky transmission signal to VMIVME 3125 after the passive 60-Hz filter installed yesterday and the spike is still present. Amplitude of total signal is around 3 volts, spike drops amplitude to 1 volt for around 2 ms at around 60 Hz.

Noise is also on the input side of the filter, same frequency, same amplitude, same width.

MKIV PROBLEM : Tue Oct 26 17:53:05 GMT 1999

Quashed phasing error with flcStart.

Tue Oct 26 18:01:31 GMT 1999 PICS Flat

Tue Oct 26 18:02:00 GMT 1999 CHIP Bias

Tue Oct 26 18:03:04 GMT 1999 CHIP End Bias

Tue Oct 26 18:03:16 GMT 1999 CHIP Water

Tue Oct 26 18:04:12 GMT 1999 PICS End Flat

Tue Oct 26 18:04:12 GMT 1999 PICS End Flat

MKIV PROBLEM : Tue Oct 26 18:37:16 GMT 1999

flcStart quash again.

Tue Oct 26 19:02:07 GMT 1999 CHIP Bias

Tue Oct 26 19:03:19 GMT 1999 CHIP End Bias

Tue Oct 26 19:03:35 GMT 1999 CHIP Water

Tue Oct 26 19:04:23 GMT 1999 CHIP End Water

MKIV PROBLEM : Tue Oct 26 19:47:53 GMT 1999

Phasing error again. fixed.

Tue Oct 26 20:01:59 GMT 1999 CHIP Gain

Tue Oct 26 20:07:59 GMT 1999 CHIP End Gain

Tue Oct 26 20:08:18 GMT 1999 CHIP Bias

Tue Oct 26 20:09:18 GMT 1999 CHIP End Bias

Tue Oct 26 20:09:30 GMT 1999 CHIP Water
Tue Oct 26 20:10:16 GMT 1999 CHIP End Water
Tue Oct 26 21:01:59 GMT 1999 CHIP Bias
Tue Oct 26 21:03:01 GMT 1999 CHIP End Bias
Tue Oct 26 21:03:12 GMT 1999 CHIP Water
Tue Oct 26 21:03:57 GMT 1999 CHIP End Water
**** EVENT COMMENT ****: Tue Oct 26 21:57:53 GMT 1999
Beautiful CME on west limb! Started around 2120 UT. Appears to have
two large ascending loops or shock fronts and a third, smaller and
a narrower loop ascending among the other two.

Tue Oct 26 22:02:01 GMT 1999 CHIP Bias
Tue Oct 26 22:03:04 GMT 1999 CHIP End Bias
Tue Oct 26 22:03:14 GMT 1999 CHIP Water
Tue Oct 26 22:03:59 GMT 1999 CHIP End Water

COMMENT: Tue Oct 26 22:45:31 GMT 1999

Spar bumped into ladder. Fixed situation.

Tue Oct 26 23:02:01 GMT 1999 CHIP Bias
Tue Oct 26 23:03:04 GMT 1999 CHIP End Bias
Tue Oct 26 23:03:14 GMT 1999 CHIP Water
Tue Oct 26 23:03:59 GMT 1999 CHIP End Water

**** EVENT COMMENT ****: Tue Oct 26 23:22:54 GMT 1999

I did not notice any limb or disk event on PICS or CHIP until
way after CME was in progress. May have occurred over the limb, on
back-side. Later on limb flares appeared under CME region. What appears
to be post-flare loops are visible on limb in PICS image now.

Tue Oct 26 23:39:34 GMT 1999 PICS End Patrol

CHIP PROBLEM: Tue Oct 26 23:39:57 GMT 1999

kii tape drive requesting cleaning. Will do that at shutdown.

Tue Oct 26 23:40:36 GMT 1999 CHIP CHIP End Patrol

**** EVENT COMMENT ****: Tue Oct 26 23:41:01 GMT 1999

Event appears over.

COMMENT: Tue Oct 26 23:41:47 GMT 1999

Need to shut down and get to town before the schools sic the
child protective services on me.

Tue Oct 26 23:42:46 GMT 1999 CHIP ending tape

COMMENT: Tue Oct 26 23:48:41 GMT 1999

Tapes:

MKIV: 99-299

PICS: P01584

CHIP: C00959

LOWL: L00640 in drive #1

Tue Oct 26 23:49:29 GMT 1999

MkIV

16_57.rawmk4 18_28.rawmk4 19_48.rawmk4 21_09.rawmk4 22_31.rawmk4
17_00.rawmk4 18_31.rawmk4 19_51.rawmk4 21_12.rawmk4 22_34.rawmk4
17_03.rawmk4 18_34.rawmk4 19_54.rawmk4 21_15.rawmk4 22_37.rawmk4

17_06.rawmk4	18_37.rawmk4	19_57.rawmk4	21_18.rawmk4	22_40.rawmk4
17_09.rawmk4	18_39.rawmk4	20_00.rawmk4	21_21.rawmk4	22_43.rawmk4
17_12.rawmk4	18_42.rawmk4	20_03.rawmk4	21_24.rawmk4	22_46.rawmk4
17_15.rawmk4	18_45.rawmk4	20_06.rawmk4	21_27.rawmk4	22_49.rawmk4
17_18.rawmk4	18_48.rawmk4	20_09.rawmk4	21_30.rawmk4	22_51.rawmk4
17_21.rawmk4	18_51.rawmk4	20_12.rawmk4	21_33.rawmk4	22_55.rawmk4
17_24.rawmk4	18_54.rawmk4	20_15.rawmk4	21_36.rawmk4	22_58.rawmk4
17_27.rawmk4	18_57.rawmk4	20_18.rawmk4	21_39.rawmk4	23_01.rawmk4
17_30.rawmk4	19_00.rawmk4	20_21.rawmk4	21_42.rawmk4	23_04.rawmk4
17_33.rawmk4	19_03.rawmk4	20_24.rawmk4	21_45.rawmk4	23_07.rawmk4
17_36.rawmk4	19_06.rawmk4	20_27.rawmk4	21_48.rawmk4	23_10.rawmk4
17_39.rawmk4	19_09.rawmk4	20_30.rawmk4	21_51.rawmk4	23_13.rawmk4
17_42.rawmk4	19_12.rawmk4	20_33.rawmk4	21_54.rawmk4	23_16.rawmk4
17_45.rawmk4	19_15.rawmk4	20_36.rawmk4	21_57.rawmk4	23_19.rawmk4
17_48.rawmk4	19_18.rawmk4	20_39.rawmk4	22_00.rawmk4	23_22.rawmk4
17_51.rawmk4	19_21.rawmk4	20_42.rawmk4	22_03.rawmk4	23_25.rawmk4
17_54.rawmk4	19_24.rawmk4	20_45.rawmk4	22_06.rawmk4	23_28.rawmk4
17_57.rawmk4	19_27.rawmk4	20_48.rawmk4	22_09.rawmk4	23_31.rawmk4
18_00.rawmk4	19_30.rawmk4	20_51.rawmk4	22_12.rawmk4	23_34.rawmk4
18_06.rawmk4	19_33.rawmk4	20_54.rawmk4	22_15.rawmk4	23_37.rawmk4
18_12.rawmk4	19_36.rawmk4	20_57.rawmk4	22_18.rawmk4	c18_03.rawmk4
18_19.rawmk4	19_39.rawmk4	21_00.rawmk4	22_21.rawmk4	c18_09.rawmk4
18_22.rawmk4	19_42.rawmk4	21_03.rawmk4	22_25.rawmk4	c18_15.rawmk4
18_25.rawmk4	19_45.rawmk4	21_06.rawmk4	22_28.rawmk4	