
Mauna Loa Solar Observatory Observer's Log

Thu Sep 25 16:47:02 GMT 1997

Year: 97 Doy: 268

Observer: yasukawa

Thu Sep 25 16:54:00 GMT 1997 CHIP Startup--Initializing new tape

COMMENT: Thu Sep 25 16:57:08 GMT 1997

Starting MKIII and CHIP only for now.

WEATHER COMMENT: Thu Sep 25 16:57:53 GMT 1997

Cool, in broken thin cirrus, light southeast wind.

Thu Sep 25 16:58:20 GMT 1997 MKIII Start Patrol

Thu Sep 25 16:58:55 GMT 1997 CHIP CHIP Start Patrol

Thu Sep 25 17:03:33 GMT 1997 CHIP Bias

Thu Sep 25 17:04:17 GMT 1997 CHIP End Bias

MKIII COMMENT: Thu Sep 25 17:04:33 GMT 1997

MKIII made one scan then began to scan back and forth over a sector

while apparently not taking any data. Have seen this before and

David suggested resetting the control computer so I reset it.

Starting Patrol again.

In thin cirrus still.

T 1997 MKIII Start Patrol

Thu Sep 25 17:19:48 GMT 1997 CHIP Start Patrol

Thu Sep 25 18:03:05 GMT 1997 CHIP Bias

Thu Sep 25 18:04:01 GMT 1997 CHIP End Bias

Thu Sep 25 18:04:11 GMT 1997 CHIP Water

Thu Sep 25 18:04:41 GMT 1997 CHIP End Water

MKIII COMMENT: Thu Sep 25 18:17:39 GMT 1997

Calibration pau, running a channel 1 correct.

Thu Sep 25 18:26:10 GMT 1997 MKIII End Correct

Thu Sep 25 18:27:14 GMT 1997 MKIII Start Cal

MKIII COMMENT: Thu Sep 25 18:27:33 GMT 1997

Tilt plate function was flaky during gain correct. Trying a

Calibrate to see how it affected things.

WEATHER COMMENT: Thu Sep 25 18:31:14 GMT 1997

Back in a cirrus patch.

Thu Sep 25 18:55:29 GMT 1997 MKIII End Correct

MKIII COMMENT: Thu Sep 25 19:01:52 GMT 1997

Gain correct failed again, put an eof on the tape and unloading it

(H01644). Resetting the KCC.

Thu Sep 25 19:02:56 GMT 1997 CHIP End Bias

Thu Sep 25 19:03:06 GMT 1997 CHIP Water

Thu Sep 25 19:03:40 GMT 1997 CHIP End Water

Thu Sep 25 19:16:41 GMT 1997 MKIII Start Correct

Thu Sep 25 19:27:41 GMT 1997 MKIII End Correct

Thu Sep 25 19:27:33 GMT 1997 CHIP CHIP End Patrol

CHIP COMMENT: Thu Sep 25 20:05:11 GMT 1997

Restarting CHIP, popped C00417, loaded C00418.

Thu Sep 25 20:06:12 GMT 1997 CHIP Startup--Initializing new tape
Thu Sep 25 20:08:02 GMT 1997 CHIP CHIP Start Patrol
Thu Sep 25 20:09:13 GMT 1997 MKIII Start Correct
MKIII COMMENT: Thu Sep 25 20:15:58 GMT 1997
Still having problem with tilt plate in correct program.
Thu Sep 25 20:19:00 GMT 1997 MKIII End Correct
Thu Sep 25 20:51:46 GMT 1997 MKIII Start Patrol
Thu Sep 25 20:58:25 GMT 1997 MKIII Start Patrol
COMMENT: Thu Sep 25 21:02:36 GMT 1997
Spar is being bumped while cleaning ccd.
Thu Sep 25 21:03:52 GMT 1997 CHIP End Bias
Thu Sep 25 21:04:01 GMT 1997 CHIP Water
Thu Sep 25 21:04:33 GMT 1997 CHIP End Water
Thu Sep 25 21:08:05 GMT 1997 CHIP Start Patrol
COMMENT: Thu Sep 25 21:12:42 GMT 1997
Domed out. Stopping to reconfigure dome shutter.
Thu Sep 25 21:13:13 GMT 1997 CHIP Start Patrol
Thu Sep 25 21:13:50 GMT 1997 CHIP CHIP End Patrol
Thu Sep 25 21:21:55 GMT 1997 MKIII Start Patrol
Thu Sep 25 21:21:48 GMT 1997 CHIP CHIP Start Patrol
COMMENT: Thu Sep 25 21:22:02 GMT 1997
NOAA contractors are running their crane over the lava downwind
from us. This is kicking up a lot of dust that I can
see whizzing by above.
Thu Sep 25 21:24:36 GMT 1997 CHIP End Patrol
Thu Sep 25 21:25:20 GMT 1997 CHIP Start Patrol
Thu Sep 25 21:29:35 GMT 1997 CHIP End Patrol
Thu Sep 25 21:30:13 GMT 1997 CHIP Start Patrol
Thu Sep 25 21:34:55 GMT 1997 CHIP End Patrol
Thu Sep 25 21:35:31 GMT 1997 CHIP Start Patrol
Thu Sep 25 21:42:29 GMT 1997 CHIP End Patrol
Thu Sep 25 21:44:24 GMT 1997 CHIP Start Patrol
Thu Sep 25 21:52:00 GMT 1997 CHIP End Patrol
Thu Sep 25 21:54:05 GMT 1997 CHIP Start Patrol
Thu Sep 25 21:56:06 GMT 1997 CHIP End Patrol
Thu Sep 25 21:57:17 GMT 1997 CHIP Start Patrol
Thu Sep 25 22:01:45 GMT 1997 CHIP Flat
Thu Sep 25 22:02:10 GMT 1997 CHIP Bias
Thu Sep 25 22:02:47 GMT 1997 CHIP End Flat
Thu Sep 25 22:03:11 GMT 1997 CHIP End Bias
Thu Sep 25 22:03:20 GMT 1997 CHIP Water
Thu Sep 25 22:03:54 GMT 1997 CHIP End Water
Thu Sep 25 22:08:49 GMT 1997 CHIP End Patrol
Thu Sep 25 22:09:32 GMT 1997 CHIP Start Patrol
Thu Sep 25 22:13:39 GMT 1997 CHIP End Patrol
Thu Sep 25 22:14:17 GMT 1997 CHIP Start Patrol
Thu Sep 25 22:16:35 GMT 1997 CHIP Start Patrol
Thu Sep 25 22:28:38 GMT 1997 CHIP End Patrol

Thu Sep 25 22:30:09 GMT 1997 CHIP Start Patrol
Thu Sep 25 23:01:31 GMT 1997 CHIP Flat
Thu Sep 25 23:02:04 GMT 1997 CHIP Bias
Thu Sep 25 23:02:30 GMT 1997 CHIP End Flat
Thu Sep 25 23:02:57 GMT 1997 CHIP End Bias
Thu Sep 25 23:03:06 GMT 1997 CHIP Water
Thu Sep 25 23:03:40 GMT 1997 CHIP End Water

MKIII COMMENT: Thu Sep 25 23:22:38 GMT 1997

Popped out H01645 at 23:22. No doble end of file.

Loaded H01646.

PICS COMMENT: Thu Sep 25 23:23:19 GMT 1997

Often domed out during day. Automatic rotation
is not working.

Images look really good.

>>>> Note with the advent of PICS, the image orientation
is different. Images are geocentric with north up and
east on the left. The occulter post is in the south
geocentric.

Thu Sep 25 23:24:50 GMT 1997 MKIII Start Correct
Thu Sep 25 23:32:29 GMT 1997 MKIII End Correct
Thu Sep 25 23:39:50 GMT 1997 MKIII Start Correct
Thu Sep 25 23:53:20 GMT 1997 MKIII End Correct
Thu Sep 25 23:58:30 GMT 1997 CHIP End Patrol
Fri Sep 26 00:00:22 GMT 1997 CHIP Start Patrol
Fri Sep 26 00:01:08 GMT 1997 CHIP Bias
Fri Sep 26 00:01:57 GMT 1997 CHIP End Bias
Fri Sep 26 00:02:06 GMT 1997 CHIP Water
Fri Sep 26 00:02:45 GMT 1997 CHIP End Water
Fri Sep 26 00:07:59 GMT 1997 CHIP End Patrol
Fri Sep 26 00:08:47 GMT 1997 MKIII Start Correct
Fri Sep 26 00:08:41 GMT 1997 CHIP Start Patrol
Fri Sep 26 00:13:54 GMT 1997 CHIP End Patrol
Fri Sep 26 00:14:31 GMT 1997 CHIP Start Patrol
Fri Sep 26 00:21:24 GMT 1997 CHIP End Patrol
Fri Sep 26 00:22:11 GMT 1997 CHIP Start Patrol
Fri Sep 26 00:23:55 GMT 1997 MKIII Start Correct
Fri Sep 26 00:26:23 GMT 1997 CHIP End Patrol
Fri Sep 26 00:32:11 GMT 1997 CHIP Start Patrol
Fri Sep 26 00:33:16 GMT 1997 MKIII Start Correct
Fri Sep 26 00:34:04 GMT 1997 CHIP End Patrol
Fri Sep 26 00:35:21 GMT 1997 CHIP Start Patrol
Fri Sep 26 00:38:51 GMT 1997 MKIII End Correct
Fri Sep 26 00:44:04 GMT 1997 CHIP End Patrol
Fri Sep 26 00:44:55 GMT 1997 CHIP CHIP End Patrol
Fri Sep 26 00:47:05 GMT 1997 CHIP ending tape

COMMENT: Fri Sep 26 00:47:45 GMT 1997
Stopping for the day. David and Kim will continue installation tasks.

Actiity report:
Did not log prominences but there were no active ones.
No coronal activity

Tapes: MKIII: H01644, H01645
PICS: P00995
CHIP: C00417, C00418
LOWL: L00475

Fri Sep 26 00:50:58 GMT 1997

MkIII

16_58.rawmk3	17_50.rawmk3	21_21.rawmk3	22_07.rawmk3	22_53.rawmk3
17_07.rawmk3	17_53.rawmk3	21_24.rawmk3	22_10.rawmk3	22_56.rawmk3
17_10.rawmk3	17_56.rawmk3	21_27.rawmk3	22_13.rawmk3	22_58.rawmk3
17_13.rawmk3	18_02.rawmk3	21_30.rawmk3	22_16.rawmk3	23_01.rawmk3
17_16.rawmk3	18_08.rawmk3	21_33.rawmk3	22_18.rawmk3	23_04.rawmk3
17_19.rawmk3	18_14.rawmk3	21_36.rawmk3	22_21.rawmk3	23_07.rawmk3
17_22.rawmk3	18_30.rawmk3	21_39.rawmk3	22_24.rawmk3	23_10.rawmk3
17_24.rawmk3	18_36.rawmk3	21_41.rawmk3	22_27.rawmk3	23_13.rawmk3
17_27.rawmk3	18_42.rawmk3	21_44.rawmk3	22_30.rawmk3	c17_59.rawmk3
17_30.rawmk3	20_51.rawmk3	21_47.rawmk3	22_33.rawmk3	c18_05.rawmk3
17_33.rawmk3	20_58.rawmk3	21_50.rawmk3	22_36.rawmk3	c18_11.rawmk3
17_36.rawmk3	21_01.rawmk3	21_53.rawmk3	22_38.rawmk3	c18_27.rawmk3
17_39.rawmk3	21_04.rawmk3	21_56.rawmk3	22_41.rawmk3	c18_33.rawmk3
17_42.rawmk3	21_07.rawmk3	21_59.rawmk3	22_44.rawmk3	c18_39.rawmk3
17_44.rawmk3	21_10.rawmk3	22_01.rawmk3	22_47.rawmk3	
17_47.rawmk3	21_13.rawmk3	22_04.rawmk3	22_50.rawmk3	

SCAN-LOG

MK3 SCAN-LOG for the above "rawmk3" data, resorted to resemble old format.

16:58	17:07	17:10		
17:13	17:16	17:19	17:22	17:24
17:27	17:30	17:33	17:36	17:39
17:42	17:44	17:47	17:50	17:53
17:56	17:59=c	18:02	18:05=c	18:08
18:11=c	18:14	18:27=c	18:30	18:33=c
18:36	18:39=c	18:42	20:51	20:58
21:01	21:04	21:07	21:10	21:13
21:21	21:24	21:27	21:30	21:33
21:36	21:39	21:41	21:44	21:47
21:50	21:53	21:56	21:59	22:01
22:04	22:07	22:10	22:13	22:16
22:18	22:21	22:24	22:27	22:30
22:33	22:36	22:38	22:41	22:44

22:47	22:50	22:53	22:56	22:58
23:01	23:04	23:07	23:10	23:13

0 ERRORS

OK