
Mauna Loa Solar Observatory Observer's Log

Fri Jul 2 16:22:38 GMT 1999

Year: 99 Doy: 183

Observer: yasukawa

WEATHER COMMENT: Fri Jul 2 16:23:55 GMT 1999

Cool, clear, no wind.

COMMENT: Fri Jul 2 16:24:08 GMT 1999

Cleaned nahenahe, kii, and nene tape drives.

Fri Jul 2 16:24:39 GMT 1999 CHIP Startup--Initializing new tape

Fri Jul 2 16:29:09 GMT 1999 CHIP CHIP Start Patrol

Fri Jul 2 16:35:58 GMT 1999 MKIII Start Patrol

Fri Jul 2 17:03:05 GMT 1999 CHIP Bias

Fri Jul 2 17:04:21 GMT 1999 CHIP End Bias

Fri Jul 2 17:04:31 GMT 1999 CHIP Water

Fri Jul 2 17:05:10 GMT 1999 CHIP End Water

PICS COMMENT: Fri Jul 2 17:19:13 GMT 1999

PICS camera returned from KODAK MASD yesterday afternoon. Removed from box and tested with short cable on the workbench and shutter worked OK.

Fri Jul 2 18:02:50 GMT 1999 CHIP Bias

Fri Jul 2 18:03:50 GMT 1999 CHIP End Bias

Fri Jul 2 18:04:03 GMT 1999 CHIP Water

Fri Jul 2 18:04:46 GMT 1999 CHIP End Water

****CHIP PROBLEM****: Fri Jul 2 18:29:43 GMT 1999

Stopping to inspect CHIP filter for smudges.

Fri Jul 2 18:32:33 GMT 1999 CHIP CHIP End Patrol

COMMENT: Fri Jul 2 18:47:28 GMT 1999

jamming spar around while working upstairs.

****CHIP PROBLEM****: Fri Jul 2 19:06:32 GMT 1999

There is no smudging on the front surface of the CHIP filter but I can see smudging on the edge of the back element. Attempting to remove the smudge.

MKIV COMMENT: Fri Jul 2 19:08:09 GMT 1999

Stopping MKIV/III. Spar is way out of balance, I am leaning on things, and spar is not pointing toward the sun for the most part.

****CHIP PROBLEM****: Fri Jul 2 19:55:49 GMT 1999

Moved filter as far forward as I could without jeopardizing the connectors and running the dovetail off the rail. Cleaned off smudge with foam-tipped swabs and minimal ethanol using an inspection mirror to view surface. Dusted it off with the compressor. Remounted filter against the camera shield.

Fri Jul 2 19:59:23 GMT 1999 MKIII Start Patrol

Fri Jul 2 19:59:46 GMT 1999 CHIP CHIP Start Patrol

Fri Jul 2 20:03:01 GMT 1999 CHIP Gain

Fri Jul 2 20:08:19 GMT 1999 CHIP End Gain

Fri Jul 2 20:08:35 GMT 1999 CHIP Bias

Fri Jul 2 20:09:29 GMT 1999 CHIP End Bias

Fri Jul 2 20:09:39 GMT 1999 CHIP Water

Fri Jul 2 20:10:14 GMT 1999 CHIP End Water

****CHIP PROBLEM****: Fri Jul 2 20:22:27 GMT 1999

graininess around darker features in south look similar to features in the north when viewed on the focus window. Contrast improves using table 3 colorizing. Will wait for Boulder scrutiny to see if there was significant improvement due to the filter window cleaning.

PICS COMMENT: Fri Jul 2 20:25:15 GMT 1999

I may jostle the spar around again as I next work on re-installing the Kodak Megaplug 1.6i camera into the PICS and work on positioning the image.

Fri Jul 2 21:01:49 GMT 1999 CHIP Bias

Fri Jul 2 21:02:46 GMT 1999 CHIP End Bias

Fri Jul 2 21:03:06 GMT 1999 CHIP Water

Fri Jul 2 21:03:59 GMT 1999 CHIP End Water

Fri Jul 2 22:00:11 GMT 1999 PICS Start Patrol

PICS COMMENT: Fri Jul 2 22:01:26 GMT 1999

OK! Centered image as best I could and then did a rough focus to find

a good range. Applied a Hartman mask to front of O1 and repeated focus iterations until I found, in my opinion, a good focus.

Buttoned up the PICS and started a series of data scans.

Fri Jul 2 22:03:41 GMT 1999 CHIP End Water

PICS COMMENT: Fri Jul 2 22:04:35 GMT 1999

Focus at 15373.5

Fri Jul 2 22:10:27 GMT 1999 CHIP CHIP End Patrol

Fri Jul 2 22:10:37 GMT 1999 PICS End Patrol

Fri Jul 2 22:13:48 GMT 1999 CHIP ending tape

COMMENT: Fri Jul 2 22:15:45 GMT 1999

TAPES:

MKIV: 99-183

PICS: P01474

CHIP: C00853

LOWL: L00609

Fri Jul 2 22:20:52 GMT 1999

MkIII

16_36.rawmk3	17_36.rawmk3	18_48.rawmk3	20_33.rawmk3	21_33.rawmk3
16_39.rawmk3	17_39.rawmk3	18_52.rawmk3	20_37.rawmk3	21_37.rawmk3
16_43.rawmk3	17_43.rawmk3	18_55.rawmk3	20_40.rawmk3	21_41.rawmk3
16_47.rawmk3	17_47.rawmk3	18_59.rawmk3	20_44.rawmk3	21_44.rawmk3
16_50.rawmk3	17_51.rawmk3	19_03.rawmk3	20_48.rawmk3	21_48.rawmk3
16_54.rawmk3	17_54.rawmk3	19_07.rawmk3	20_52.rawmk3	21_52.rawmk3
16_58.rawmk3	17_58.rawmk3	19_10.rawmk3	20_55.rawmk3	21_56.rawmk3
17_02.rawmk3	18_02.rawmk3	19_59.rawmk3	20_59.rawmk3	21_59.rawmk3
17_06.rawmk3	18_09.rawmk3	20_03.rawmk3	21_03.rawmk3	22_03.rawmk3
17_09.rawmk3	18_17.rawmk3	20_07.rawmk3	21_07.rawmk3	22_07.rawmk3
17_13.rawmk3	18_25.rawmk3	20_10.rawmk3	21_11.rawmk3	22_11.rawmk3
17_17.rawmk3	18_29.rawmk3	20_14.rawmk3	21_14.rawmk3	c18_06.rawmk3
17_21.rawmk3	18_33.rawmk3	20_18.rawmk3	21_18.rawmk3	c18_13.rawmk3
17_24.rawmk3	18_37.rawmk3	20_22.rawmk3	21_22.rawmk3	c18_21.rawmk3
17_28.rawmk3	18_40.rawmk3	20_25.rawmk3	21_26.rawmk3	
17_32.rawmk3	18_44.rawmk3	20_29.rawmk3	21_29.rawmk3	