
Mauna Loa Solar Observatory Observer's Log

Mon Mar 22 17:02:05 GMT 1999

Year: 99 Doy: 081

Observer: meisner

WEATHER COMMENT: Mon Mar 22 17:04:27 GMT 1999

Cool, scattered cirrus and cap cloud to SE, wind moderate SE.

Mon Mar 22 17:05:34 GMT 1999 CHIP Startup--Initializing new tape

WEATHER COMMENT: Mon Mar 22 17:08:40 GMT 1999

cap cloud blowing over, wait to open dome.

PICS COMMENT: Mon Mar 22 19:18:29 GMT 1999

Eric installed 1000 ang IR prefilter @ 10 deg tilt in front of existing 70 ang prefilter on PICS. Nose sits about 1/8 in. higher than before installation of new filter. Used aluminum tape to seal 1/8 in. gap. Can not test due to weather.

WEATHER COMMENT: Mon Mar 22 19:22:07 GMT 1999

Totally clouded in and raining. No observations today

Mon Mar 22 21:46:45 GMT 1999 PICS Start Patrol

Mon Mar 22 21:47:48 GMT 1999 CHIP CHIP Start Patrol

Mon Mar 22 21:48:13 GMT 1999 MKIII Start Patrol

WEATHER COMMENT: Mon Mar 22 21:48:48 GMT 1999

Cap cloud has backed off, sky clear. Will do short day of observations for training benefit of Randy.

PICS PROBLEM: Mon Mar 22 21:52:25 GMT 1999

Display image shifted North, possibly due to addition of 1000 angstrom IR prefilter at 10 degree angle to beam.

MKIV PROBLEM: Mon Mar 22 21:55:41 GMT 1999

Display image streaky, reset KCC. Starting over.

Mon Mar 22 21:56:44 GMT 1999 MKIII Start Patrol

Mon Mar 22 22:02:48 GMT 1999 PICS Flat

Mon Mar 22 22:02:55 GMT 1999 CHIP Bias

Mon Mar 22 22:03:53 GMT 1999 CHIP End Bias

Mon Mar 22 22:04:02 GMT 1999 CHIP Water

Mon Mar 22 22:04:39 GMT 1999 MKIII Start Cal

Mon Mar 22 22:04:40 GMT 1999 CHIP End Water

Mon Mar 22 22:04:40 GMT 1999 CHIP End Water

Mon Mar 22 22:24:52 GMT 1999 MKIII Start Patrol

PICS PROBLEM: Mon Mar 22 22:27:30 GMT 1999

Display gain of 2 was a bit dark with the new filter added. 4 looked better, but limb image looked a bit hot at 4.

Mon Mar 22 22:29:21 GMT 1999 CHIP CHIP End Patrol

Mon Mar 22 22:29:28 GMT 1999 PICS End Patrol

Mon Mar 22 22:31:18 GMT 1999 MKIII End Patrol

Mon Mar 22 22:30:57 GMT 1999 CHIP ending tape

WEATHER COMMENT: Mon Mar 22 22:31:54 GMT 1999

In orographic clouds. Shutting down.

COMMENT: Mon Mar 22 22:32:50 GMT 1999

PICS: P01395

CHIP: C00809

MKIV: 99-081

LOWL: L00587

Mon Mar 22 22:42:06 GMT 1999

MkIII

21_48.rawmk3 22_01.rawmk3 22_21.rawmk3 c22_04.rawmk3

21_51.rawmk3 22_08.rawmk3 22_25.rawmk3 c22_11.rawmk3

21_58.rawmk3 22_14.rawmk3 22_28.rawmk3 c22_18.rawmk3