
Mauna Loa Solar Observatory Observer's Log

Mon May 18 16:30:43 GMT 1998

Year: 98 Doy: 138

Observer: yasukawa

WEATHER COMMENT: Mon May 18 16:31:05 GMT 1998

Cool, in light fog off of high cloudbank to east, southeast wind.

Mon May 18 16:31:45 GMT 1998 CHIP Startup--Initializing new tape

Mon May 18 16:58:23 GMT 1998 CHIP CHIP Start Patrol

WEATHER COMMENT: Mon May 18 16:58:43 GMT 1998

Cloud bank receded enough to reduce the threat of misting the Ols.

In thin structured cirrus.

Starting PICS and CHIP.

MKIII COMMENT: Mon May 18 16:59:36 GMT 1998

*** Recycling H01825 ***

Mon May 18 17:01:39 GMT 1998 PICS Flat

Mon May 18 17:02:32 GMT 1998 CHIP Bias

Mon May 18 17:03:04 GMT 1998 PICS End Flat

Mon May 18 17:03:27 GMT 1998 CHIP End Bias

Mon May 18 17:03:34 GMT 1998 CHIP Water

Mon May 18 17:04:15 GMT 1998 CHIP End Water

Mon May 18 17:04:26 GMT 1998 CHIP Velocity

Mon May 18 17:05:19 GMT 1998 CHIP End Velocity

WEATHER COMMENT: Mon May 18 17:19:12 GMT 1998

Closing dome, stopping PICS and CHIP. Fog rolled in.

Mon May 18 17:20:28 GMT 1998 PICS End Patrol

Mon May 18 17:20:40 GMT 1998 CHIP CHIP End Patrol

WEATHER COMMENT: Mon May 18 17:39:44 GMT 1998

Fog receded, opening dome.

Mon May 18 17:42:39 GMT 1998 CHIP CHIP Start Patrol

Mon May 18 17:42:41 GMT 1998 PICS Start Patrol

Mon May 18 17:48:24 GMT 1998 MKIII Start Patrol

MKIII COMMENT: Mon May 18 17:48:29 GMT 1998

Cirrus moving on, Starting MKIII.

Mon May 18 18:01:02 GMT 1998 CHIP Bias

Mon May 18 18:02:03 GMT 1998 CHIP End Bias

Mon May 18 18:02:13 GMT 1998 CHIP Water

Mon May 18 18:02:21 GMT 1998 PICS Flat

Mon May 18 18:02:57 GMT 1998 CHIP End Water

Mon May 18 18:03:07 GMT 1998 CHIP Velocity

Mon May 18 18:03:50 GMT 1998 PICS End Flat

Mon May 18 18:04:14 GMT 1998 CHIP End Velocity

WEATHER COMMENT: Mon May 18 18:13:46 GMT 1998

In thin, structured cirrus.

MKIII COMMENT: Mon May 18 18:30:28 GMT 1998

"Dark shutter" IN led went on as it should, dark indication on display and on P+S monitor look very good, Think Darryl did a great job with the mod. Wiring looks very neat upstairs, too.

MKIII COMMENT: Mon May 18 18:33:29 GMT 1998

"dark shutter" OUT led went on as it should after the dark scan as it should.

Mon May 18 18:38:47 GMT 1998 MKIII Start Patrol

WEATHER COMMENT: Mon May 18 18:46:34 GMT 1998

Orographic clouds drifting over.

Mon May 18 19:00:27 GMT 1998 PICS Flat

Mon May 18 19:01:55 GMT 1998 PICS End Flat

Mon May 18 19:02:08 GMT 1998 CHIP Bias

Mon May 18 19:03:27 GMT 1998 CHIP End Bias

Mon May 18 19:03:37 GMT 1998 CHIP Water

Mon May 18 19:04:22 GMT 1998 CHIP End Water

Mon May 18 19:04:32 GMT 1998 CHIP Velocity

Mon May 18 19:05:34 GMT 1998 CHIP End Velocity

Mon May 18 19:32:29 GMT 1998 CHIP CHIP End Patrol

MKIII COMMENT: Mon May 18 19:33:06 GMT 1998

Found trouble with the dark shutter status module, SN74LS132N positive NAND schmitt trigger IC was bad, replaced it with the good one from the ND filter status module for now. There are no spares so I requested some from Boulder.

WEATHER COMMENT: Mon May 18 19:37:17 GMT 1998

In orographic clouds. Stopped CHIP and PICS, closing dome.

MKIII stopped earlier.

COMMENT: Mon May 18 19:38:04 GMT 1998

Going down to GONG to do weekly PM.

COMMENT: Mon May 18 20:09:03 GMT 1998

Back from GONG.

Mon May 18 20:24:00 GMT 1998 MKIII Start Patrol

WEATHER COMMENT: Mon May 18 20:24:05 GMT 1998

Orographic clouds breaking up some, resuming obs.

Mon May 18 20:24:08 GMT 1998 PICS Start Patrol

MKIII COMMENT: Mon May 18 20:46:15 GMT 1998

Ron reminded me that Greg sent out a batch of spares in 96.

I searched again and found them in the DCS spares cabinet. I replaced the faulty '132 and put it in as a test. Worked. Stopping and testing it fully.

Mon May 18 20:52:51 GMT 1998 MKIII Start Patrol

MKIII COMMENT: Mon May 18 20:52:55 GMT 1998

The SN74S135N was bad, too. Replaced it. Both modules now work OK, fully tested.

Mon May 18 21:01:02 GMT 1998 CHIP Bias

Mon May 18 21:02:02 GMT 1998 CHIP End Bias

Mon May 18 21:02:15 GMT 1998 CHIP Water

Mon May 18 21:02:27 GMT 1998 PICS Flat

Mon May 18 21:03:04 GMT 1998 CHIP End Water
Mon May 18 21:03:14 GMT 1998 CHIP Velocity
Mon May 18 21:03:56 GMT 1998 PICS End Flat
Mon May 18 21:04:18 GMT 1998 CHIP End Velocity
Mon May 18 21:27:59 GMT 1998 PICS End Patrol

WEATHER COMMENT: Mon May 18 21:28:33 GMT 1998

In heavy orographic clouds. Ending obs.
nd Patrol

Mon May 18 21:35:40 GMT 1998 CHIP ending tape

COMMENT: Mon May 18 21:39:06 GMT 1998

Tape:

MKIII: H01826

PICS: P01193

CHIP: C00585

LOWL: L00516

Mon May 18 21:41:03 GMT 1998

MkIII

17_48.rawmk3	18_14.rawmk3	18_53.rawmk3	20_41.rawmk3	21_13.rawmk3
17_51.rawmk3	18_20.rawmk3	18_56.rawmk3	20_44.rawmk3	21_16.rawmk3
17_54.rawmk3	18_27.rawmk3	18_59.rawmk3	20_52.rawmk3	21_19.rawmk3
17_57.rawmk3	18_33.rawmk3	20_24.rawmk3	20_55.rawmk3	21_22.rawmk3
18_00.rawmk3	18_38.rawmk3	20_26.rawmk3	20_58.rawmk3	21_25.rawmk3
18_03.rawmk3	18_41.rawmk3	20_29.rawmk3	21_01.rawmk3	c18_17.rawmk3
18_06.rawmk3	18_44.rawmk3	20_32.rawmk3	21_04.rawmk3	c18_24.rawmk3
18_09.rawmk3	18_47.rawmk3	20_35.rawmk3	21_07.rawmk3	c18_30.rawmk3
18_12.rawmk3	18_50.rawmk3	20_38.rawmk3	21_10.rawmk3	