
Mauna Loa Solar Observatory Observer's Log

Fri Jan 23 17:39:07 GMT 1998

Year: 98 Doy: 023

Observer: yasukawa

Fri Jan 23 17:40:48 GMT 1998 CHIP Startup--Initializing new tape

WEATHER COMMENT: Fri Jan 23 17:41:14 GMT 1998

Cool, in thin cirrus, scattered patches of thicker cirrus around, southwest wind.

Fri Jan 23 17:45:43 GMT 1998 CHIP CHIP Start Patrol

MKIII COMMENT: Fri Jan 23 17:45:50 GMT 1998

Standing by.. will not start due to clouds. I will use this "opportunity" to test early morning calibration, very conservative mode, to see if the light leak occurs, and if it is greater this early, when the shutter has to overcome the most gravity. Sky conditions will not matter since we are only interested in the dark scan for this test.

Fri Jan 23 17:48:03 GMT 1998 MKIII Start Cal

Fri Jan 23 17:50:06 GMT 1998 PICS Start Patrol

PSPT COMMENT: Fri Jan 23 17:50:13 GMT 1998

Not starting the precision photometer at this time, can't be too precise in cirrus.

Fri Jan 23 18:01:04 GMT 1998 CHIP Bias

Fri Jan 23 18:01:14 GMT 1998 PICS Flat

Fri Jan 23 18:02:10 GMT 1998 CHIP End Bias

Fri Jan 23 18:02:20 GMT 1998 CHIP Water

Fri Jan 23 18:02:45 GMT 1998 PICS End Flat

Fri Jan 23 18:03:01 GMT 1998 CHIP End Water

Fri Jan 23 18:30:26 GMT 1998 MKIII Start Cal

MKIII COMMENT: Fri Jan 23 18:30:36 GMT 1998

Trying an 1830 UT cal to check dark shutter incursion.

Fri Jan 23 19:01:11 GMT 1998 PICS Flat

Fri Jan 23 19:01:11 GMT 1998 PICS Flat

Fri Jan 23 19:02:20 GMT 1998 CHIP End Bias

Fri Jan 23 19:02:30 GMT 1998 CHIP Water

Fri Jan 23 19:02:50 GMT 1998 MKIII Start Cal

Fri Jan 23 19:02:41 GMT 1998 PICS End Flat

MKIII COMMENT: Fri Jan 23 19:03:00 GMT 1998

Starting a 1900 UT (approx.) cal to test dark shutter. Still in cirrus.

Fri Jan 23 19:22:52 GMT 1998 MKIII Start Patrol

WEATHER COMMENT: Fri Jan 23 19:22:58 GMT 1998

Clear, starting MKIII and PSPT.

COMMENT: Fri Jan 23 19:36:34 GMT 1998

Checked MKIII shutter, it was out. O1 guider (X) was banging away at a limit so I adjusted spar guider RA to move O1 guider away from limit.

That fixed the washout on the west limb. Adjusting PICS occulting.

Fri Jan 23 19:43:04 GMT 1998 PICS End Patrol

Fri Jan 23 19:44:52 GMT 1998 PICS Start Patrol

WEATHER COMMENT: Fri Jan 23 19:47:43 GMT 1998

Sky quite noisy.

MKIII COMMENT: Fri Jan 23 20:00:17 GMT 1998

Queued up a 2000 UT calibration to test shutter.

Fri Jan 23 20:01:00 GMT 1998 CHIP Gain

Fri Jan 23 20:02:09 GMT 1998 PICS Flat

Fri Jan 23 20:03:38 GMT 1998 PICS End Flat

COMMENT: Fri Jan 23 20:04:01 GMT 1998

tweaked spar guider again to move ol guider off limit.

Fri Jan 23 20:07:10 GMT 1998 CHIP End Gain

Fri Jan 23 20:07:23 GMT 1998 CHIP Bias

Fri Jan 23 20:08:21 GMT 1998 CHIP End Bias

Fri Jan 23 20:08:31 GMT 1998 CHIP Water

Fri Jan 23 20:09:11 GMT 1998 CHIP End Water

Fri Jan 23 20:22:45 GMT 1998 MKIII Start Patrol

MKIII COMMENT: Fri Jan 23 20:22:53 GMT 1998

2000 UT cal pau, starting Patrol again.

Fri Jan 23 21:01:03 GMT 1998 CHIP Bias

Fri Jan 23 21:02:16 GMT 1998 PICS Flat

Fri Jan 23 21:02:21 GMT 1998 CHIP End Bias

Fri Jan 23 21:02:32 GMT 1998 CHIP Water

Fri Jan 23 21:03:16 GMT 1998 CHIP End Water

Fri Jan 23 21:03:44 GMT 1998 PICS End Flat

MKIII COMMENT: Fri Jan 23 21:24:52 GMT 1998

Queueing up a near-midday cal.

Fri Jan 23 21:45:45 GMT 1998 MKIII End Cal

Fri Jan 23 21:45:55 GMT 1998 MKIII Start Patrol

Fri Jan 23 22:01:01 GMT 1998 CHIP Bias

MKIII COMMENT: Fri Jan 23 22:01:39 GMT 1998

Queued up one last cal to test dark shutter.

Fri Jan 23 22:02:03 GMT 1998 CHIP End Bias

Fri Jan 23 22:02:15 GMT 1998 CHIP Water

Fri Jan 23 22:02:15 GMT 1998 CHIP Water

Fri Jan 23 22:03:01 GMT 1998 CHIP End Water

Fri Jan 23 22:03:40 GMT 1998 PICS End Flat

COMMENT: Fri Jan 23 22:15:34 GMT 1998

Tapes:

MKIII: H01724

PICS: P01092

CHIP: C00480

LOWL: L00493

Fri Jan 23 22:20:09 GMT 1998 PICS End Patrol

MKIII COMMENT: Fri Jan 23 22:20:20 GMT 1998

Last two dark scans looked terrible on the XAnim display. They were very streaked. Not sure what to make of it.

Fri Jan 23 22:21:33 GMT 1998 CHIP CHIP End Patrol

Fri Jan 23 22:22:02 GMT 1998 CHIP ending tape

PSPT COMMENT: Fri Jan 23 22:25:28 GMT 1998

PSPT requested backup tape. While getting tape ready, I dropped the tape case on the keyboard, hitting "anything but 'c' ". This aborted the backup request and continued shutdown. Had to restart with 'Run' and wait for next opportunity to shutdown so I can do the backup.

Fri Jan 23 22:31:18 GMT 1998

MkIII

17_51.rawmk3	19_43.rawmk3	20_40.rawmk3	21_30.rawmk3	c18_36.rawmk3
17_57.rawmk3	19_46.rawmk3	20_43.rawmk3	21_36.rawmk3	c18_43.rawmk3
18_03.rawmk3	19_49.rawmk3	20_46.rawmk3	21_42.rawmk3	c19_02.rawmk3
18_33.rawmk3	19_52.rawmk3	20_49.rawmk3	21_45.rawmk3	c19_09.rawmk3
18_39.rawmk3	19_55.rawmk3	20_52.rawmk3	21_48.rawmk3	c19_15.rawmk3
18_46.rawmk3	19_58.rawmk3	20_54.rawmk3	21_51.rawmk3	c20_03.rawmk3
19_06.rawmk3	20_00.rawmk3	20_57.rawmk3	21_54.rawmk3	c20_10.rawmk3
19_12.rawmk3	20_06.rawmk3	21_00.rawmk3	21_57.rawmk3	c20_16.rawmk3
19_18.rawmk3	20_13.rawmk3	21_03.rawmk3	22_00.rawmk3	c21_27.rawmk3
19_22.rawmk3	20_19.rawmk3	21_06.rawmk3	22_06.rawmk3	c21_33.rawmk3
19_25.rawmk3	20_22.rawmk3	21_09.rawmk3	22_12.rawmk3	c21_39.rawmk3
19_28.rawmk3	20_25.rawmk3	21_12.rawmk3	22_19.rawmk3	c22_03.rawmk3
19_31.rawmk3	20_28.rawmk3	21_15.rawmk3	c17_48.rawmk3	c22_09.rawmk3
19_34.rawmk3	20_31.rawmk3	21_18.rawmk3	c17_54.rawmk3	c22_16.rawmk3
19_37.rawmk3	20_34.rawmk3	21_21.rawmk3	c18_00.rawmk3	
19_40.rawmk3	20_37.rawmk3	21_24.rawmk3	c18_30.rawmk3	