
Mauna Loa Solar Observatory Observer's Log

Mon Sep 20 16:37:10 GMT 1999

Year: 99 Doy: 263

Observer: yasukawa

WEATHER COMMENT: Mon Sep 20 16:37:46 GMT 1999

Cool, clear, light southeast wind.

Mon Sep 20 16:38:35 GMT 1999 CHIP Startup--Initializing new tape

Mon Sep 20 16:41:59 GMT 1999 MKIV Start Patrol

Mon Sep 20 16:42:32 GMT 1999 CHIP CHIP Start Patrol

Mon Sep 20 16:42:44 GMT 1999 PICS Start Patrol

MKIV PROBLEM: Mon Sep 20 16:44:30 GMT 1999

Plan for today is to run a cal at around 1700UT as soon as the MKIV clears the dome wall, one at the usual 1800 UT, and weather permitting, a cal at 2000 or 2100 UT. This will give us a handle on the changing brightness problem independent of the change in sky brightness and sky transmission.

Mon Sep 20 17:00:52 GMT 1999 CHIP Bias

Mon Sep 20 17:01:44 GMT 1999 CHIP End Bias

Mon Sep 20 17:01:54 GMT 1999 CHIP Water

Mon Sep 20 17:02:32 GMT 1999 CHIP End Water

Mon Sep 20 17:10:04 GMT 1999 MKIV Start Cal

Mon Sep 20 17:31:47 GMT 1999 MKIV Start Patrol

Mon Sep 20 18:01:28 GMT 1999 PICS Flat

Mon Sep 20 18:02:47 GMT 1999 CHIP Bias

Mon Sep 20 18:03:44 GMT 1999 CHIP End Bias

Mon Sep 20 18:03:59 GMT 1999 PICS End Flat

Mon Sep 20 18:03:59 GMT 1999 PICS End Flat

Mon Sep 20 18:04:44 GMT 1999 CHIP End Water

Mon Sep 20 18:06:53 GMT 1999 MKIV Start Cal

Mon Sep 20 18:28:35 GMT 1999 MKIV Start Patrol

GONG COMMENT: Mon Sep 20 18:29:59 GMT 1999

Going down to GONG to do the weekly PM.

Mon Sep 20 19:02:28 GMT 1999 PICS polarization_calibration

Mon Sep 20 19:02:53 GMT 1999 CHIP Bias

Mon Sep 20 19:03:54 GMT 1999 CHIP End Bias

Mon Sep 20 19:04:08 GMT 1999 CHIP Water

Mon Sep 20 19:04:48 GMT 1999 CHIP End Water

GONG COMMENT: Mon Sep 20 19:05:22 GMT 1999

Back from GONG.

Mon Sep 20 19:11:22 GMT 1999 CHIP CHIP End Patrol

Mon Sep 20 19:12:21 GMT 1999 PICS End Patrol

**** EVENT COMMENT ****: Mon Sep 20 19:12:55 GMT 1999

Small filament observed erupting on southwest quadrant of disc in CHIP animation.

COMMENT: Mon Sep 20 19:14:04 GMT 1999

Stopping to reconfigure dome shutter.

Mon Sep 20 19:17:35 GMT 1999 MKIV End Patrol

Mon Sep 20 19:27:10 GMT 1999 MKIV Start Patrol

Mon Sep 20 19:27:31 GMT 1999 PICS Start Patrol

Mon Sep 20 19:27:31 GMT 1999 PICS Start Patrol

Mon Sep 20 20:00:48 GMT 1999 CHIP Gain

Mon Sep 20 20:05:23 GMT 1999 CHIP End Gain

Mon Sep 20 20:05:37 GMT 1999 CHIP Bias

Mon Sep 20 20:06:34 GMT 1999 CHIP End Bias

Mon Sep 20 20:06:48 GMT 1999 CHIP Water

Mon Sep 20 20:07:28 GMT 1999 CHIP End Water

Mon Sep 20 21:01:48 GMT 1999 CHIP Bias

Mon Sep 20 21:02:47 GMT 1999 CHIP End Bias

Mon Sep 20 21:03:01 GMT 1999 CHIP Water

Mon Sep 20 21:03:41 GMT 1999 CHIP End Water

Mon Sep 20 21:04:58 GMT 1999 MKIV Start Cal

Mon Sep 20 21:26:48 GMT 1999 MKIV Start Patrol

CHIP PROBLEM: Mon Sep 20 21:55:56 GMT 1999

kii tape drive flashing--requesting a cleaning. I will run a cleaning tape through it after end of today's observations.

Mon Sep 20 22:00:48 GMT 1999 CHIP Bias
Mon Sep 20 22:01:39 GMT 1999 CHIP End Bias
Mon Sep 20 22:01:53 GMT 1999 CHIP Water
Mon Sep 20 22:02:38 GMT 1999 CHIP End Water
Mon Sep 20 22:05:27 GMT 1999 PICS End Patrol
Mon Sep 20 22:05:43 GMT 1999 CHIP CHIP End Patrol

COMMENT: Mon Sep 20 22:06:28 GMT 1999

TAPES:

MKIV: 99-263

PICS: P01552

CHIP: C00927

LOWL: L00628 IN DRIVE #1

Mon Sep 20 22:10:54 GMT 1999

MkIII

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| 16_42.rawmk3 | 17_56.rawmk3 | 19_10.rawmk3 | 20_23.rawmk3 | 21_37.rawmk3 |
| 16_45.rawmk3 | 17_59.rawmk3 | 19_14.rawmk3 | 20_26.rawmk3 | 21_40.rawmk3 |
| 16_48.rawmk3 | 18_03.rawmk3 | 19_27.rawmk3 | 20_30.rawmk3 | 21_44.rawmk3 |
| 16_52.rawmk3 | 18_10.rawmk3 | 19_30.rawmk3 | 20_33.rawmk3 | 21_47.rawmk3 |
| 16_55.rawmk3 | 18_17.rawmk3 | 19_34.rawmk3 | 20_37.rawmk3 | 21_51.rawmk3 |
| 16_59.rawmk3 | 18_25.rawmk3 | 19_37.rawmk3 | 20_40.rawmk3 | 21_54.rawmk3 |
| 17_02.rawmk3 | 18_28.rawmk3 | 19_41.rawmk3 | 20_44.rawmk3 | 21_58.rawmk3 |
| 17_06.rawmk3 | 18_32.rawmk3 | 19_44.rawmk3 | 20_47.rawmk3 | 22_01.rawmk3 |
| 17_13.rawmk3 | 18_35.rawmk3 | 19_48.rawmk3 | 20_51.rawmk3 | 22_05.rawmk3 |
| 17_21.rawmk3 | 18_39.rawmk3 | 19_51.rawmk3 | 20_54.rawmk3 | c17_10.rawmk3 |
| 17_28.rawmk3 | 18_42.rawmk3 | 19_55.rawmk3 | 20_57.rawmk3 | c17_17.rawmk3 |
| 17_31.rawmk3 | 18_46.rawmk3 | 19_58.rawmk3 | 21_01.rawmk3 | c17_24.rawmk3 |
| 17_35.rawmk3 | 18_49.rawmk3 | 20_02.rawmk3 | 21_08.rawmk3 | c18_07.rawmk3 |
| 17_38.rawmk3 | 18_53.rawmk3 | 20_05.rawmk3 | 21_16.rawmk3 | c18_14.rawmk3 |
| 17_42.rawmk3 | 18_56.rawmk3 | 20_09.rawmk3 | 21_23.rawmk3 | c18_21.rawmk3 |
| 17_45.rawmk3 | 19_00.rawmk3 | 20_12.rawmk3 | 21_26.rawmk3 | c21_05.rawmk3 |
| 17_49.rawmk3 | 19_03.rawmk3 | 20_16.rawmk3 | 21_30.rawmk3 | c21_12.rawmk3 |
| 17_52.rawmk3 | 19_07.rawmk3 | 20_19.rawmk3 | 21_33.rawmk3 | c21_19.rawmk3 |