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Mauna Loa Solar Observatory Observer's Log  
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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

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