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Mauna Loa Solar Observatory Observer's Log  
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Mon Sep 13 16:43:46 GMT 1999

Year: 99 Doy: 256

Observer: yasukawa

WEATHER COMMENT: Mon Sep 13 16:45:53 GMT 1999

Cool, clear, no wind.

Mon Sep 13 16:46:07 GMT 1999 CHIP Startup--Initializing new tape

Mon Sep 13 16:49:48 GMT 1999 CHIP CHIP Start Patrol

Mon Sep 13 16:50:07 GMT 1999 PICS Start Patrol

Mon Sep 13 17:01:49 GMT 1999 MKIV Start Patrol

Mon Sep 13 17:01:48 GMT 1999 CHIP Bias

Mon Sep 13 17:02:38 GMT 1999 CHIP End Bias

Mon Sep 13 17:02:46 GMT 1999 CHIP Water

Mon Sep 13 17:03:22 GMT 1999 CHIP End Water

\*\*PSPT PROBLEM\*\* Mon Sep 13 17:21:19 GMT 1999

Randy emailed to check Uniblitz shutter and replace it if it is sticking.

There is a nasty scratch on its shiny front surface, probably due to binding. Replaced it with spare.

Mon Sep 13 18:00:28 GMT 1999 PICS Flat

Mon Sep 13 18:00:47 GMT 1999 CHIP Bias

Mon Sep 13 18:01:43 GMT 1999 CHIP End Bias

Mon Sep 13 18:01:57 GMT 1999 CHIP Water

Mon Sep 13 18:02:48 GMT 1999 CHIP End Water

Mon Sep 13 18:03:01 GMT 1999 PICS End Flat

Mon Sep 13 18:33:40 GMT 1999 MKIV End Cal

\*\*MKIV PROBLEM\*\* Mon Sep 13 18:36:17 GMT 1999

Stopped after calibration, initializing barrel, and resetting KCC to pick up new code to attempt to filter spike out of sky tx signal.

Mon Sep 13 18:41:22 GMT 1999 MKIV Start Patrol

GONG COMMENT: Mon Sep 13 18:41:44 GMT 1999

Going down to GONG to do weekly preventive maintenance.

Mon Sep 13 19:00:56 GMT 1999 CHIP Bias

Mon Sep 13 19:01:28 GMT 1999 PICS polarization\_calibration

Mon Sep 13 19:01:53 GMT 1999 CHIP End Bias

Mon Sep 13 19:02:03 GMT 1999 CHIP Water

Mon Sep 13 19:02:43 GMT 1999 CHIP End Water

GONG COMMENT: Mon Sep 13 19:09:08 GMT 1999

Back from GONG.

COMMENT: Mon Sep 13 19:09:17 GMT 1999

Stopping to reconfigure dome shutter.

Mon Sep 13 19:09:22 GMT 1999 CHIP CHIP End Patrol

Mon Sep 13 19:09:55 GMT 1999 PICS End Patrol

\*\*MKIV PROBLEM\*\* Mon Sep 13 19:10:23 GMT 1999

Idle select did not respond to mouse click, started another pair of scans. dome will have to wait a bit longer.

Mon Sep 13 19:16:49 GMT 1999 MKIV End Patrol

Mon Sep 13 19:22:30 GMT 1999 MKIV Start Patrol  
Mon Sep 13 19:22:51 GMT 1999 CHIP CHIP Start Patrol  
Mon Sep 13 19:22:51 GMT 1999 CHIP CHIP Start Patrol

\*\*MKIV PROBLEM\*\* Mon Sep 13 20:00:59 GMT 1999

David's email indicates sky tx signal is more stable now so we will do some watchful waiting for a while. I pointed out that lowering the sky tx gain by reducing the light input will have the effect of increasing the spar guider gain--the sky tx signal is used as an AGC for the guider--possibly causing the guider to oscillate. might be better to try filtering the notch out.

Mon Sep 13 20:07:14 GMT 1999 CHIP End Gain  
Mon Sep 13 20:07:26 GMT 1999 CHIP Bias  
Mon Sep 13 20:08:18 GMT 1999 CHIP End Bias  
Mon Sep 13 20:08:33 GMT 1999 CHIP Water  
Mon Sep 13 20:09:13 GMT 1999 CHIP End Water

WEATHER COMMENT: Mon Sep 13 20:44:13 GMT 1999

In orographic clouds.

Mon Sep 13 21:00:57 GMT 1999 CHIP Bias  
Mon Sep 13 21:01:54 GMT 1999 CHIP End Bias  
Mon Sep 13 21:02:10 GMT 1999 CHIP Water  
Mon Sep 13 21:02:49 GMT 1999 CHIP End Water  
Mon Sep 13 21:48:17 GMT 1999 CHIP CHIP End Patrol

WEATHER COMMENT: Mon Sep 13 21:48:27 GMT 1999

In solid orographic clouds now.

Mon Sep 13 21:48:34 GMT 1999 PICS End Patrol  
Mon Sep 13 21:48:57 GMT 1999 CHIP ending tape  
Mon Sep 13 21:49:28 GMT 1999 MKIV End Patrol

COMMENT: Mon Sep 13 21:56:41 GMT 1999

tapes:

MKIV: 99-255

PICS: P01544

CHIP: C00920

LOWL: L00627

Mon Sep 13 21:58:18 GMT 1999

MkIII

17_01.rawmk3	17_57.rawmk3	19_13.rawmk3	20_15.rawmk3	21_11.rawmk3
17_05.rawmk3	18_01.rawmk3	19_22.rawmk3	20_18.rawmk3	21_14.rawmk3
17_08.rawmk3	18_05.rawmk3	19_26.rawmk3	20_22.rawmk3	21_18.rawmk3
17_12.rawmk3	18_08.rawmk3	19_29.rawmk3	20_25.rawmk3	21_21.rawmk3
17_15.rawmk3	18_15.rawmk3	19_33.rawmk3	20_29.rawmk3	21_25.rawmk3
17_19.rawmk3	18_22.rawmk3	19_36.rawmk3	20_32.rawmk3	21_28.rawmk3
17_22.rawmk3	18_30.rawmk3	19_40.rawmk3	20_36.rawmk3	21_32.rawmk3
17_26.rawmk3	18_41.rawmk3	19_43.rawmk3	20_39.rawmk3	21_35.rawmk3
17_29.rawmk3	18_45.rawmk3	19_47.rawmk3	20_43.rawmk3	21_39.rawmk3
17_33.rawmk3	18_48.rawmk3	19_50.rawmk3	20_46.rawmk3	21_42.rawmk3
17_36.rawmk3	18_52.rawmk3	19_54.rawmk3	20_50.rawmk3	21_45.rawmk3
17_40.rawmk3	18_55.rawmk3	19_57.rawmk3	20_53.rawmk3	c18_11.rawmk3

17_43.rawmk3	18_59.rawmk3	20_01.rawmk3	20_57.rawmk3	c18_19.rawmk3
17_47.rawmk3	19_02.rawmk3	20_04.rawmk3	21_00.rawmk3	c18_26.rawmk3
17_50.rawmk3	19_06.rawmk3	20_08.rawmk3	21_04.rawmk3	
17_54.rawmk3	19_10.rawmk3	20_11.rawmk3	21_07.rawmk3	