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Mauna Loa Solar Observatory Observer's Log  
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Fri Oct 15 16:44:42 GMT 1999

Year: 99 Doy: 288

Observer: yasukawa

WEATHER COMMENT: Fri Oct 15 16:45:15 GMT 1999

Cool, clear, light south breeze.

Fri Oct 15 16:48:35 GMT 1999 CHIP Startup--Initializing new tape

MKIV COMMENT: Fri Oct 15 16:49:12 GMT 1999

Working on further modifications while MKIV domed out.

Fri Oct 15 16:50:00 GMT 1999 PICS Start Patrol

Fri Oct 15 16:50:37 GMT 1999 CHIP CHIP Start Patrol

Fri Oct 15 17:03:07 GMT 1999 CHIP Bias

Fri Oct 15 17:04:00 GMT 1999 CHIP End Bias

Fri Oct 15 17:04:08 GMT 1999 CHIP Water

Fri Oct 15 17:04:47 GMT 1999 CHIP End Water

Fri Oct 15 17:08:58 GMT 1999 MKIV Start Patrol

MKIV COMMENT: Fri Oct 15 17:09:53 GMT 1999

Isolation transformer removed from the old analog power system. This system currently provides power to the MKIV spar power for the optics mechanisms and to the 1/2-wave plate motor and encoder electronics.

\*\*PSPT PROBLEM\*\*: Fri Oct 15 17:28:19 GMT 1999

Startup crashed.

REBIN: result must be interger factor of original dimension

%Error occurred at IMEXAM 49

Restart

\*\*LOW-L PROBLEM\*\*: Fri Oct 15 17:29:58 GMT 1999

L00624 popped out, I think just a few minutes ago, writes transferred to L00625 in drive #0. File count was 0 when I noticed tape was popped out. Amber LED on drive 1 blinking. Cycled power to drive 1, cleaned drive, loaded L00626.

Fri Oct 15 18:00:38 GMT 1999 PICS Flat

Fri Oct 15 18:02:00 GMT 1999 CHIP Bias

Fri Oct 15 18:03:00 GMT 1999 CHIP End Bias

Fri Oct 15 18:03:19 GMT 1999 PICS End Flat

Fri Oct 15 18:03:19 GMT 1999 PICS End Flat

Fri Oct 15 18:03:48 GMT 1999 MKIV Start Correct

Fri Oct 15 18:04:10 GMT 1999 CHIP End Water

Fri Oct 15 18:05:19 GMT 1999 MKIV End Correct

Fri Oct 15 18:06:12 GMT 1999 MKIV Start Cal

Fri Oct 15 19:02:06 GMT 1999 CHIP Bias

Fri Oct 15 19:03:19 GMT 1999 CHIP End Bias

Fri Oct 15 19:03:36 GMT 1999 CHIP Water

Fri Oct 15 19:04:24 GMT 1999 CHIP End Water

COMMENT: Fri Oct 15 19:06:50 GMT 1999

Stopping to reconfigure dome shutter.

Fri Oct 15 19:07:13 GMT 1999 PICS End Patrol  
 Fri Oct 15 19:07:35 GMT 1999 CHIP CHIP End Patrol  
 Fri Oct 15 19:20:17 GMT 1999 MKIV Start Patrol  
 Fri Oct 15 19:20:37 GMT 1999 PICS Start Patrol  
 Fri Oct 15 19:20:37 GMT 1999 PICS Start Patrol  
 MKIV COMMENT: Fri Oct 15 19:23:40 GMT 1999  
 disconnected last remaining line driver from power connector and signal  
 connector in former line driver moddule chassis on back of spar.  
 One remaining line driver module was left in to balance spar. Leaving it  
 connected to power only made for potential fire hazard and current draw.  
 Fri Oct 15 20:03:00 GMT 1999 CHIP Gain  
 Fri Oct 15 20:08:59 GMT 1999 CHIP End Gain  
 Fri Oct 15 20:09:15 GMT 1999 CHIP Bias  
 Fri Oct 15 20:10:17 GMT 1999 CHIP End Bias  
 Fri Oct 15 20:10:28 GMT 1999 CHIP Water  
 Fri Oct 15 20:11:12 GMT 1999 CHIP End Water  
 Fri Oct 15 21:02:59 GMT 1999 CHIP Bias  
 Fri Oct 15 21:03:55 GMT 1999 CHIP End Bias  
 Fri Oct 15 21:04:10 GMT 1999 CHIP Water  
 Fri Oct 15 21:04:57 GMT 1999 CHIP End Water  
 \*\*MKIV PROBLEM\*\*: Fri Oct 15 21:17:28 GMT 1999  
 KCC image started out negative this scan. Typed "flcStart" on akamai  
 to change it back.... unfortunately, I found out that it occurred  
 for a sector two scans ago.  
 Fri Oct 15 22:03:00 GMT 1999 CHIP Bias  
 Fri Oct 15 22:04:00 GMT 1999 CHIP End Bias  
 Fri Oct 15 22:04:14 GMT 1999 CHIP Water  
 Fri Oct 15 22:05:04 GMT 1999 CHIP End Water  
 Fri Oct 15 22:06:13 GMT 1999 PICS End Patrol  
 Fri Oct 15 22:08:40 GMT 1999 CHIP CHIP End Patrol  
 Fri Oct 15 22:09:20 GMT 1999 CHIP ending tape  
 PICS COMMENT: Fri Oct 15 22:13:10 GMT 1999  
 Increased occulter size at occulting wheel for pmon--went from  
 #7 (1951) to #6 (1961).  
 May need to increase further to reduce the alternating spill.  
 COMMENT: Fri Oct 15 22:16:07 GMT 1999  
 TAPES:  
 MKIV: 99-288  
 PICS: P01575  
 CHIP: C00950  
 LOWL: L00635 in drive #0  
 Fri Oct 15 22:21:33 GMT 1999  
 MkIV

17_09.rawmk4	18_21.rawmk4	19_29.rawmk4	20_28.rawmk4	21_27.rawmk4
17_12.rawmk4	18_24.rawmk4	19_32.rawmk4	20_31.rawmk4	21_30.rawmk4
17_15.rawmk4	18_27.rawmk4	19_35.rawmk4	20_34.rawmk4	21_33.rawmk4
17_17.rawmk4	18_30.rawmk4	19_38.rawmk4	20_37.rawmk4	21_36.rawmk4

17_20.rawmk4	18_33.rawmk4	19_41.rawmk4	20_40.rawmk4	21_39.rawmk4
17_23.rawmk4	18_36.rawmk4	19_43.rawmk4	20_43.rawmk4	21_42.rawmk4
17_26.rawmk4	18_39.rawmk4	19_46.rawmk4	20_46.rawmk4	21_45.rawmk4
17_29.rawmk4	18_42.rawmk4	19_49.rawmk4	20_49.rawmk4	21_48.rawmk4
17_32.rawmk4	18_45.rawmk4	19_52.rawmk4	20_52.rawmk4	21_52.rawmk4
17_35.rawmk4	18_48.rawmk4	19_55.rawmk4	20_55.rawmk4	21_55.rawmk4
17_38.rawmk4	18_51.rawmk4	19_58.rawmk4	20_58.rawmk4	21_57.rawmk4
17_41.rawmk4	18_54.rawmk4	20_01.rawmk4	21_00.rawmk4	22_00.rawmk4
17_44.rawmk4	18_57.rawmk4	20_04.rawmk4	21_03.rawmk4	22_03.rawmk4
17_47.rawmk4	19_00.rawmk4	20_07.rawmk4	21_06.rawmk4	22_06.rawmk4
17_50.rawmk4	19_03.rawmk4	20_10.rawmk4	21_09.rawmk4	22_09.rawmk4
17_53.rawmk4	19_06.rawmk4	20_13.rawmk4	21_12.rawmk4	c17_59.rawmk4
17_56.rawmk4	19_09.rawmk4	20_16.rawmk4	21_15.rawmk4	c18_12.rawmk4
17_59.rawmk4	19_20.rawmk4	20_19.rawmk4	21_18.rawmk4	c18_18.rawmk4
18_09.rawmk4	19_23.rawmk4	20_22.rawmk4	21_21.rawmk4	
18_15.rawmk4	19_26.rawmk4	20_25.rawmk4	21_24.rawmk4	