

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Fri Nov 12 16:44:10 GMT 1999

Year: 99 Doy: 316

Observer: yasukawa

WEATHER COMMENT: Fri Nov 12 16:44:36 GMT 1999

Cool, high cloudbank 1-mile to east and to south, southeast wind.

COMMENT: Fri Nov 12 16:45:58 GMT 1999

Darryl out on sick leave DOYs 99314 and 99315.

Fri Nov 12 17:00:26 GMT 1999 CHIP Startup--Initializing new tape

Fri Nov 12 17:02:49 GMT 1999 CHIP CHIP Start Patrol

WEATHER COMMENT: Fri Nov 12 17:02:59 GMT 1999

Sun still in and out of cloudbank.

Start Patrol

Fri Nov 12 17:06:37 GMT 1999 MKIV Start Patrol

COMMENT: Fri Nov 12 17:15:40 GMT 1999

Communication with HAO down today and tomorrow.

Fri Nov 12 18:01:37 GMT 1999 PICS Flat

Fri Nov 12 18:03:02 GMT 1999 CHIP Bias

Fri Nov 12 18:04:07 GMT 1999 CHIP End Bias

Fri Nov 12 18:04:16 GMT 1999 PICS End Flat

Fri Nov 12 18:04:24 GMT 1999 CHIP Water

Fri Nov 12 18:05:14 GMT 1999 CHIP End Water

\*\*PSPT PROBLEM\*\*: Fri Nov 12 18:07:29 GMT 1999

Found trouble with PSPT. Uniblitz shutter is not working. Forward leaf is stuck partially open. There is no spare shutter on site.

Called Haosheng and left voicemail message to send new shutter or give us instructions where to send the two flaky shutters for repair.

Stopped PSPT observations for now.

\*\*PSPT PROBLEM\*\*: Fri Nov 12 18:17:59 GMT 1999

I could hear and feel the active mirror oscillating occasionally while I had the covers open. That is another problem we need to address.

I had the DVM connected to the servo circuit where schematics indicated DET. SUM 0-10V but I got 13.65VDC whether or not the covers were open or closed. Need to find the correct spot in order to do the quad-cell lens adjustment for optimum 10V output.

\*\*GONG PROBLEM\*\*: Fri Nov 12 18:25:09 GMT 1999

Going down to GONG to assist them with an optics problem.

Fri Nov 12 19:03:07 GMT 1999 CHIP Bias

Fri Nov 12 19:04:19 GMT 1999 CHIP End Bias

Fri Nov 12 19:04:33 GMT 1999 CHIP Water

Fri Nov 12 19:05:21 GMT 1999 CHIP End Water

\*\*MKIV PROBLEM\*\*: Fri Nov 12 19:13:36 GMT 1999

Appears that there was a problem with the image rotating for the 1900 UT .gif image on the xanim display. Image appears rotated about 90 degrees CCW.

\*\*GONG PROBLEM\*\*: Fri Nov 12 19:16:31 GMT 1999

Back from GONG. Their cal wheel got jammed against the hard stop while they were doing some of their testing. Found and remedied the problem, checked servo driver cards for blown fused, rebooted workstation.

Fri Nov 12 20:03:00 GMT 1999 CHIP Gain  
Fri Nov 12 20:09:01 GMT 1999 CHIP End Gain  
Fri Nov 12 20:09:18 GMT 1999 CHIP Bias  
Fri Nov 12 20:10:17 GMT 1999 CHIP End Bias  
Fri Nov 12 20:10:27 GMT 1999 CHIP Water  
Fri Nov 12 20:11:09 GMT 1999 CHIP End Water  
Fri Nov 12 21:03:00 GMT 1999 CHIP Bias  
Fri Nov 12 21:04:06 GMT 1999 CHIP End Bias  
Fri Nov 12 21:04:16 GMT 1999 CHIP Water  
Fri Nov 12 21:05:04 GMT 1999 CHIP End Water

GONG COMMENT: Fri Nov 12 21:55:13 GMT 1999

Going back down to GONG, they're still having problems with the cal wheel.

Fri Nov 12 22:03:00 GMT 1999 CHIP Bias  
Fri Nov 12 22:03:58 GMT 1999 CHIP End Bias  
Fri Nov 12 22:04:14 GMT 1999 CHIP Water  
Fri Nov 12 22:05:04 GMT 1999 CHIP End Water  
Fri Nov 12 23:03:02 GMT 1999 CHIP Bias  
Fri Nov 12 23:04:18 GMT 1999 CHIP End Bias  
Fri Nov 12 23:04:32 GMT 1999 CHIP Water  
Fri Nov 12 23:05:29 GMT 1999 CHIP End Water

\*\*GONG PROBLEM\*\*: Fri Nov 12 23:34:59 GMT 1999

Back from GONG. Cal wheel was still crashing into hard stop and sticking. We tried a bunch of stuff and replacing one of the resolver cards on the instrument computer did the trick.

Fri Nov 12 23:36:06 GMT 1999 CHIP CHIP End Patrol

COMMENT: Fri Nov 12 23:36:28 GMT 1999

Spar crashed into ladder while I was away from the building. Stopping for the day.

COMMENT: Fri Nov 12 23:36:59 GMT 1999

TAPES:

MKIV: 99-316

PICS: P01595

CHIP: C00970

LOWL: L00642 in drive #1

Fri Nov 12 23:38:49 GMT 1999 CHIP ending tape

Fri Nov 12 23:42:50 GMT 1999

MkIV

17_06.rawmk4	18_36.rawmk4	19_56.rawmk4	21_16.rawmk4	22_36.rawmk4
17_09.rawmk4	18_39.rawmk4	19_59.rawmk4	21_19.rawmk4	22_39.rawmk4
17_12.rawmk4	18_42.rawmk4	20_02.rawmk4	21_22.rawmk4	22_42.rawmk4
17_15.rawmk4	18_45.rawmk4	20_05.rawmk4	21_25.rawmk4	22_45.rawmk4
17_18.rawmk4	18_48.rawmk4	20_08.rawmk4	21_28.rawmk4	22_48.rawmk4
17_21.rawmk4	18_51.rawmk4	20_11.rawmk4	21_31.rawmk4	22_51.rawmk4
17_24.rawmk4	18_54.rawmk4	20_14.rawmk4	21_34.rawmk4	22_54.rawmk4

17_27.rawmk4	18_57.rawmk4	20_17.rawmk4	21_37.rawmk4	22_57.rawmk4
17_30.rawmk4	19_00.rawmk4	20_20.rawmk4	21_40.rawmk4	23_00.rawmk4
17_33.rawmk4	19_03.rawmk4	20_23.rawmk4	21_43.rawmk4	23_03.rawmk4
17_36.rawmk4	19_06.rawmk4	20_26.rawmk4	21_46.rawmk4	23_06.rawmk4
17_39.rawmk4	19_09.rawmk4	20_29.rawmk4	21_49.rawmk4	23_08.rawmk4
17_42.rawmk4	19_12.rawmk4	20_31.rawmk4	21_52.rawmk4	23_11.rawmk4
17_45.rawmk4	19_15.rawmk4	20_34.rawmk4	21_54.rawmk4	23_14.rawmk4
17_48.rawmk4	19_17.rawmk4	20_37.rawmk4	21_57.rawmk4	23_17.rawmk4
17_51.rawmk4	19_20.rawmk4	20_40.rawmk4	22_00.rawmk4	23_20.rawmk4
17_54.rawmk4	19_23.rawmk4	20_43.rawmk4	22_03.rawmk4	23_23.rawmk4
17_57.rawmk4	19_26.rawmk4	20_46.rawmk4	22_06.rawmk4	23_26.rawmk4
18_00.rawmk4	19_29.rawmk4	20_49.rawmk4	22_09.rawmk4	23_29.rawmk4
18_03.rawmk4	19_32.rawmk4	20_52.rawmk4	22_12.rawmk4	23_32.rawmk4
18_09.rawmk4	19_35.rawmk4	20_55.rawmk4	22_15.rawmk4	23_35.rawmk4
18_15.rawmk4	19_38.rawmk4	20_58.rawmk4	22_18.rawmk4	c18_06.rawmk4
18_21.rawmk4	19_41.rawmk4	21_01.rawmk4	22_21.rawmk4	c18_12.rawmk4
18_24.rawmk4	19_44.rawmk4	21_04.rawmk4	22_24.rawmk4	c18_18.rawmk4
18_27.rawmk4	19_47.rawmk4	21_07.rawmk4	22_27.rawmk4	
18_30.rawmk4	19_50.rawmk4	21_10.rawmk4	22_30.rawmk4	
18_33.rawmk4	19_53.rawmk4	21_13.rawmk4	22_33.rawmk4	