

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

Fri Sep 1 16:41:16 GMT 2000

Year: 00 Doy: 245

Observer: yasukawa

WEATHER COMMENT: Fri Sep 1 16:42:15 GMT 2000

Cool, in broken cirrus, light southeast wind.

COMMENT: Fri Sep 1 16:42:34 GMT 2000

Cleaning nahenahe, kii, and nene Exabyte drives before starting up.

Fri Sep 1 16:44:46 GMT 2000 CHIP Startup--Initializing new tape

Fri Sep 1 16:48:44 GMT 2000 PICS Start Patrol

Fri Sep 1 16:49:12 GMT 2000 CHIP CHIP Start 7 Passband Patrol

Fri Sep 1 16:51:13 GMT 2000 MKIV Start Patrol

\*\*MKIV PROBLEM\*\*: Fri Sep 1 16:56:43 GMT 2000

MKIV drove to ccw limit and KCC stalled. Rebooting KCC.

Fri Sep 1 17:08:16 GMT 2000 MKIV Start Patrol

MKIV COMMENT: Fri Sep 1 17:08:25 GMT 2000

Restarting Patrol after initializing barrel.

GONG COMMENT: Fri Sep 1 17:12:01 GMT 2000

OK, systems going OK. Going down to GONG to tend to water spots on their telescope window. Also, the monitor was crashed so I will have to reboot their workstation.

GONG COMMENT: Fri Sep 1 17:29:31 GMT 2000

Back from GONG. Monitor was dark and unresponsive because the workstation was logged out and unresponsive to mouse--it was in text mode and needed to use keyboard to wake monitor up.

Logged back in and then cleaned water drops off of turret window.

Fri Sep 1 18:02:22 GMT 2000 PICS Flat

Fri Sep 1 18:05:32 GMT 2000 PICS End Flat

WEATHER COMMENT: Fri Sep 1 18:43:20 GMT 2000

In orographic clouds.

COMMENT: Fri Sep 1 19:10:15 GMT 2000

Stopping to reconfigure dome shutter.

Patrol

Fri Sep 1 19:11:24 GMT 2000 CHIP CHIP End Patrol

Fri Sep 1 19:23:28 GMT 2000 MKIV Start Patrol

Fri Sep 1 19:23:31 GMT 2000 PICS Start Patrol

Fri Sep 1 19:23:39 GMT 2000 CHIP CHIP Start 7 Passband Patrol

WEATHER COMMENT: Fri Sep 1 19:38:17 GMT 2000

In thick orographic clouds. Stopping for now, maybe for the day.

Fri Sep 1 19:39:27 GMT 2000 PICS End Patrol

Fri Sep 1 19:39:50 GMT 2000 CHIP CHIP End Patrol

\*\*MLSO PROBLEM\*\*: Fri Sep 1 20:17:21 GMT 2000

Dome shutter got stuck in the open position. The drive gear was slipping out of the holes in the track. Problem was likely the loose mount on the lower-right bearing of the upper shutter. I had to nudge the drive transmission up a bit so the cogs could engage and bring the

shutter down far enough to reach the mount. Tightened the mount bolts, one was loose, and closed dome. Important because we were in fog by then and it is threatening to rain.

Also had problem with lift battery. Had to charge it up and raise it slowly as the battery gained enough power to run the motor for a few seconds at a time. Left battery charging overnight.

WEATHER COMMENT: Fri Sep 1 20:24:51 GMT 2000

Shutting down, in heavy fog.

Fri Sep 1 20:25:13 GMT 2000 CHIP ending tape

COMMENT: Fri Sep 1 20:40:55 GMT 2000

Tapes:

MKIV: 00-245

PICS: P01830

CHIP: C01211

LOWL: L00742 in drive #0

Fri Sep 1 20:44:09 GMT 2000

MkIV

|              |              |              |              |               |
|--------------|--------------|--------------|--------------|---------------|
| 17_08.rawmk4 | 17_37.rawmk4 | 18_07.rawmk4 | 18_47.rawmk4 | 19_26.rawmk4  |
| 17_11.rawmk4 | 17_40.rawmk4 | 18_10.rawmk4 | 18_50.rawmk4 | 19_29.rawmk4  |
| 17_14.rawmk4 | 17_43.rawmk4 | 18_16.rawmk4 | 18_53.rawmk4 | 19_32.rawmk4  |
| 17_17.rawmk4 | 17_46.rawmk4 | 18_22.rawmk4 | 18_56.rawmk4 | 19_35.rawmk4  |
| 17_20.rawmk4 | 17_49.rawmk4 | 18_29.rawmk4 | 18_59.rawmk4 | 19_38.rawmk4  |
| 17_23.rawmk4 | 17_52.rawmk4 | 18_32.rawmk4 | 19_02.rawmk4 | c18_13.rawmk4 |
| 17_26.rawmk4 | 17_55.rawmk4 | 18_35.rawmk4 | 19_05.rawmk4 | c18_19.rawmk4 |
| 17_29.rawmk4 | 17_58.rawmk4 | 18_38.rawmk4 | 19_08.rawmk4 | c18_26.rawmk4 |
| 17_32.rawmk4 | 18_01.rawmk4 | 18_41.rawmk4 | 19_11.rawmk4 |               |
| 17_35.rawmk4 | 18_04.rawmk4 | 18_44.rawmk4 | 19_23.rawmk4 |               |