
Mauna Loa Solar Observatory Observer's Log

Tue Mar 16 17:00:40 GMT 1999

Year: 99 Doy: 075 Observer: yasukawa

WEATHER COMMENT: Tue Mar 16 17:01:10 GMT 1999

Cool, clear, light southeast wind.

Tue Mar 16 17:07:44 GMT 1999 CHIP Startup--Initializing new tape

COMMENT: Tue Mar 16 17:08:37 GMT 1999

Dome floor coated with cement, had to adjust how O1 was dusted off as

cannot roll ladders around.

Tue Mar 16 17:09:48 GMT 1999 CHIP CHIP Start Patrol
Tue Mar 16 17:10:06 GMT 1999 MKIII Start Patrol

Tue Mar 16 17:10:04 GMT 1999 PICS Start Patrol

LOW-L PROBLEM: Tue Mar 16 17:10:36 GMT 1999

LOWL crashed in framegrab yesterday at 1921 UT. Caught it at closedown after logs dumped. Unloaded L00586, moved L00587 to drive 0, loaded L00588 into drive 1. Did a warm reboot and set date and time before restarting lowl program. LOWL found crashed again, this time at 0102 UT, guide mode, with graphics characters across screen. Since Restart was at 2230 UT, yesterday and sky was cloudy, I will reuse the tapes as loaded.

Doing a cold boot to restart.

COMMENT: Tue Mar 16 17:42:51 GMT 1999

Paper jam occurring with regularity in laserprinter, I suspect gears are worn down again. Spares do not fit where suspected wear is so I brought up the Hilo laserprinter and did a swap.

Tue Mar 16 18:00:50 GMT 1999 CHIP Bias
Tue Mar 16 18:01:42 GMT 1999 CHIP End Bias

Tue Mar 16 18:02:00 GMT 1999 CHIP Water

Tue Mar 16 18:02:41 GMT 1999 CHIP End Water

Tue Mar 16 18:02:41 GMT 1999 CHIP End Water Tue Mar 16 18:04:12 GMT 1999 PICS End Flat

Tue Mar 16 18:14:43 GMT 1999 MKIII Start Cal

Tue Mar 16 18:34:54 GMT 1999 MKIII Start Patrol

COMMENT: Tue Mar 16 18:39:37 GMT 1999

Workers upstairs laying tile, I will try to observe in spite of the activity until it gets dusty. I will have to shut down when they start painting the stairs.

WEATHER COMMENT: Tue Mar 16 18:43:39 GMT 1999

Sky is very bright this morning.

Tue Mar 16 19:02:34 GMT 1999 PICS Flat Tue Mar 16 19:02:54 GMT 1999 CHIP Bias

Tue Mar 16 19:03:46 GMT 1999 CHIP End Bias

Tue Mar 16 19:04:08 GMT 1999 CHIP Water Tue Mar 16 19:04:08 GMT 1999 CHIP Water

Tue Mar 16 19:04:51 GMT 1999 CHIP End Water

Tue Mar 16 20:02:34 GMT 1999 PICS Flat

```
Tue Mar 16 20:02:47 GMT 1999
                                 CHIP
                                          Gain
Tue Mar 16 20:04:00 GMT 1999
                                 PICS
                                          End Flat
Tue Mar 16 20:07:18 GMT 1999
                                 CHIP
                                          End Gain
Tue Mar 16 20:07:28 GMT 1999
                                 CHIP
                                          Bias
Tue Mar 16 20:08:16 GMT 1999
                                 CHIP
                                          End Bias
Tue Mar 16 20:08:39 GMT 1999
                                 CHIP
                                          Water
Tue Mar 16 20:09:19 GMT 1999
                                 CHIP
                                          End Water
WEATHER COMMENT: Tue Mar 16 20:22:54 GMT 1999
In cirrus.
Tue Mar 16 20:24:33 GMT 1999
                                 MKIII
                                          End Patrol
WEATHER COMMENT: Tue Mar 16 20:53:59 GMT 1999
Orographic clouds arriving upslope.
Tue Mar 16 21:00:50 GMT 1999
                                 CHIP
                                          Bias
Tue Mar 16 21:01:42 GMT 1999
                                 CHIP
                                          End Bias
Tue Mar 16 21:01:53 GMT 1999
                                 CHIP
                                          Water
Tue Mar 16 21:02:30 GMT 1999
                                 CHIP
                                          End Water
Tue Mar 16 21:02:30 GMT 1999
                                 CHIP
                                          End Water
Tue Mar 16 21:04:01 GMT 1999
                                 PICS
                                          End Flat
Tue Mar 16 21:05:44 GMT 1999
                                 CHIP
                                          CHIP End Patrol
Tue Mar 16 21:07:08 GMT 1999
                                          End Patrol
                                 PICS
Tue Mar 16 21:07:42 GMT 1999
                                 CHIP
                                          ending tape
COMMENT: Tue Mar 16 21:21:17 GMT 1999
TAPES:
MKIV: 99-075
PICS: P01392
CHIP: C00806
LOWL: L00587 in drive 0
Tue Mar 16 21:23:04 GMT 1999
        MkIII
17 10.rawmk3
               17 49.rawmk3
                               18 38.rawmk3
                                              19 16.rawmk3
                                                              19 55.rawmk3
17 13.rawmk3
               17_52.rawmk3
                               18 41.rawmk3
                                              19 20.rawmk3
                                                              19 58.rawmk3
                                              19_23.rawmk3
17_16.rawmk3
               17_55.rawmk3
                               18 44.rawmk3
                                                              20 02.rawmk3
17 20.rawmk3
               17 58.rawmk3
                               18 47.rawmk3
                                              19 26.rawmk3
                                                              20 05.rawmk3
17 23.rawmk3
               18 01.rawmk3
                               18 51.rawmk3
                                              19 29.rawmk3
                                                              20 08.rawmk3
17 26.rawmk3
               18 05.rawmk3
                               18 54.rawmk3
                                              19 33.rawmk3
                                                              20 11.rawmk3
17_29.rawmk3
               18 08.rawmk3
                               18 57.rawmk3
                                              19 36.rawmk3
                                                              20 15.rawmk3
17_32.rawmk3
               18_11.rawmk3
                               19_00.rawmk3
                                              19_39.rawmk3
                                                              20_18.rawmk3
17 36.rawmk3
               18 18.rawmk3
                               19 04.rawmk3
                                              19 42.rawmk3
                                                              20 21.rawmk3
17 39.rawmk3
               18 24.rawmk3
                               19 07.rawmk3
                                              19 45.rawmk3
                                                              c18 14.rawmk3
                                                              c18_21.rawmk3
17_42.rawmk3
               18_31.rawmk3
                               19_10.rawmk3
                                              19_49.rawmk3
```

19_13.rawmk3

19_52.rawmk3

c18_28.rawmk3

17_45.rawmk3

18_35.rawmk3