
Mauna Loa Solar Observatory Observer's Log

Tue Sep 17 16:35:45 GMT 2002

Year: 02 Doy: 260

Observer: yasukawa

Tue Sep 17 16:40:56 GMT 2002 CHIP Start Patrol

Tue Sep 17 16:41:11 GMT 2002 PICS Start Patrol

Tue Sep 17 16:41:36 GMT 2002 MKIV Start Patrol

WEATHER COMMENT: Tue Sep 17 16:35:48 GMT 2002

Cool, clear, light southeast wind.

PSPT COMMENT: Tue Sep 17 16:55:43 GMT 2002

Starting daily observations.

ECHO PROBLEM: Tue Sep 17 17:18:52 GMT 2002

Reset Echo as requested by Jonathan. Image counts were low.

MKIV PROBLEM: Tue Sep 17 17:53:22 GMT 2002

Barrel stalled sometime after 1708 UT. Resetting KCC.

Tue Sep 17 18:02:01 GMT 2002 PICS Flat

Tue Sep 17 18:04:49 GMT 2002 PICS End Flat

MKIV PROBLEM: Tue Sep 17 18:04:21 GMT 2002

Barrel is stalling around 222-224 degrees. KCC reset did not resolve problem.

Checking things out.

MLSO PROBLEM: Tue Sep 17 18:09:07 GMT 2002

Turned off KCC power to rotate barrel by hand. This turned off spar power and, or course, the guider.

Tue Sep 17 18:27:25 GMT 2002 CHIP End Patrol

Tue Sep 17 18:27:42 GMT 2002 PICS End Patrol

MLSO PROBLEM: Tue Sep 17 18:27:31 GMT 2002

Stopping PICS and CHIP while I work on barrel problem.

Tue Sep 17 19:13:34 GMT 2002 CHIP Start Patrol

Tue Sep 17 19:13:47 GMT 2002 PICS Start Patrol

Tue Sep 17 19:17:02 GMT 2002 MKIV Start Patrol

MKIV PROBLEM: Tue Sep 17 19:13:37 GMT 2002

Barrel problem was caused by power cable to mk4 FLC heater circuit. It had gotten bound up against itself inside the wrap up and that caused the barrel stoppage. I untangled the cable and put it back as best I could. Barrel should rotate OK for now. We need to come up with a long-term solution should this problem recur.

COMMENT: Tue Sep 17 19:55:48 GMT 2002

BTW, I reconfigured the dome while fixing barrel problem.

**** EVENT COMMENT ****: Tue Sep 17 20:19:39 GMT 2002

CME at PA 50-90 from around 1946 UT.

**** EVENT COMMENT ****: Tue Sep 17 20:21:25 GMT 2002

There was also an EPL at PA 50 from around 1932 UT.

WEATHER COMMENT: Tue Sep 17 20:58:59 GMT 2002

Scattered cirrus passing thru.

MKIV COMMENT: Tue Sep 17 21:19:22 GMT 2002

Turned on O1 guider briefly during barrel turnaround. Steppers are in

mid-range after turn-off.

Tue Sep 17 21:21:46 GMT 2002 MKIV End Patrol
Tue Sep 17 21:21:56 GMT 2002 MKIV Start Cal
Tue Sep 17 21:40:41 GMT 2002 MKIV End Cal
Tue Sep 17 22:03:14 GMT 2002 CHIP End Patrol
Tue Sep 17 22:05:30 GMT 2002 MKIV End Patrol
Tue Sep 17 22:05:54 GMT 2002 PICS End Patrol

PSPT COMMENT: Tue Sep 17 22:07:56 GMT 2002

Stopping daily observations.

Tue Sep 17 22:08:25 GMT 2002

MkIV

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| 16_41.rawmk4 | 19_25.rawmk4 | 20_04.rawmk4 | 20_46.rawmk4 | 21_31.rawmk4 |
| 16_44.rawmk4 | 19_28.rawmk4 | 20_07.rawmk4 | 20_49.rawmk4 | 21_37.rawmk4 |
| 16_47.rawmk4 | 19_31.rawmk4 | 20_10.rawmk4 | 20_52.rawmk4 | 21_40.rawmk4 |
| 16_50.rawmk4 | 19_34.rawmk4 | 20_13.rawmk4 | 20_55.rawmk4 | 21_44.rawmk4 |
| 16_53.rawmk4 | 19_37.rawmk4 | 20_18.rawmk4 | 20_57.rawmk4 | 21_47.rawmk4 |
| 16_56.rawmk4 | 19_40.rawmk4 | 20_22.rawmk4 | 21_00.rawmk4 | 21_50.rawmk4 |
| 16_59.rawmk4 | 19_43.rawmk4 | 20_25.rawmk4 | 21_03.rawmk4 | 21_53.rawmk4 |
| 17_02.rawmk4 | 19_46.rawmk4 | 20_28.rawmk4 | 21_06.rawmk4 | 21_56.rawmk4 |
| 17_05.rawmk4 | 19_49.rawmk4 | 20_31.rawmk4 | 21_09.rawmk4 | 21_59.rawmk4 |
| 17_08.rawmk4 | 19_52.rawmk4 | 20_34.rawmk4 | 21_12.rawmk4 | 22_02.rawmk4 |
| 19_17.rawmk4 | 19_55.rawmk4 | 20_37.rawmk4 | 21_15.rawmk4 | c21_21.rawmk4 |
| 19_20.rawmk4 | 19_58.rawmk4 | 20_40.rawmk4 | 21_18.rawmk4 | c21_28.rawmk4 |
| 19_23.rawmk4 | 20_01.rawmk4 | 20_43.rawmk4 | 21_25.rawmk4 | c21_34.rawmk4 |