
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

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