
Mauna Loa Solar Observatory Observer's Log

Mon Nov 9 16:49:24 GMT 1998

Year: 98 Doy: 313

Observer: yasukawa

Mon Nov 9 16:52:29 GMT 1998 CHIP Startup--Initializing new tape

WEATHER COMMENT: Mon Nov 9 16:59:51 GMT 1998

Cool, in broken altocumulus clouds, system of thick high clouds
may finally be breaking up, light south breeze.

GONG COMMENT: Mon Nov 9 17:34:30 GMT 1998

Going down to GONG to do PM while still in altocumulus.

WEATHER COMMENT: Mon Nov 9 17:37:01 GMT 1998

Oh, altocumulus just move "above" sun. Guiding again.

Starting instruments.

Mon Nov 9 17:38:21 GMT 1998 CHIP CHIP Start Patrol

Mon Nov 9 17:38:28 GMT 1998 MKIII Start Patrol

COMMENT: Mon Nov 9 17:41:50 GMT 1998

Spar seemed a bit front heavy, guider kept lagging sun when
in clouds. Added a small weight to back end.

WEATHER COMMENT: Mon Nov 9 17:42:54 GMT 1998

Back in altocumulus. Instruments running. Going to GONG.

Mon Nov 9 18:02:52 GMT 1998 CHIP Bias

Mon Nov 9 18:03:48 GMT 1998 CHIP End Bias

Mon Nov 9 18:03:58 GMT 1998 CHIP Water

Mon Nov 9 18:04:48 GMT 1998 CHIP End Water

****GONG PROBLEM****: Mon Nov 9 18:29:59 GMT 1998

GONG terminal was dark, had to reboot Sparc to recover.

COMMENT: Mon Nov 9 18:30:55 GMT 1998

Noticed it had cleared while at

GONG. I also heard the CHIP circulator sonalert screaming.

Since I had to wait for tape spool to get to optimum range, I came bacck up
to check spar guiding and to fill the circulator with fluid.

Started PSPT.

Returned to GONG to resume PM.

COMMENT: Mon Nov 9 18:36:07 GMT 1998

Running a CAL/CORRECT MKIII/CORRECT MKIV/CAL series.

Mon Nov 9 18:56:54 GMT 1998 MKIII Start Correct

Mon Nov 9 19:02:45 GMT 1998 MKIII End Correct

Mon Nov 9 19:02:57 GMT 1998 MKIII Start Correct

Mon Nov 9 19:02:57 GMT 1998 CHIP Bias

Mon Nov 9 19:03:48 GMT 1998 CHIP End Bias

Mon Nov 9 19:04:00 GMT 1998 CHIP Water

Mon Nov 9 19:04:37 GMT 1998 MKIII End Correct

Mon Nov 9 19:04:44 GMT 1998 CHIP End Water

Mon Nov 9 19:05:34 GMT 1998 MKIII Start Cal

****MKIV PROBLEM****: Mon Nov 9 19:13:48 GMT 1998

MKIV image on KCC monitor looks very washed out after the Correct.

MKIV PROBLEM : Mon Nov 9 19:16:09 GMT 1998
OK, now, on the second cal-coronal scan, the gain looks good and image normal.

**** EVENT COMMENT ****: Mon Nov 9 19:18:14 GMT 1998
Prominence at PA 320-340 on CHIP is getting larger or lifting.

Mon Nov 9 19:25:37 GMT 1998 MKIII Start Patrol

WEATHER COMMENT: Mon Nov 9 19:38:02 GMT 1998
Cirrus, altocumulus and orographic clouds threatening.

WEATHER COMMENT: Mon Nov 9 19:39:24 GMT 1998
In cirrus.

**** EVENT COMMENT ****: Mon Nov 9 19:44:49 GMT 1998
Lifting prominence can be seen in the MKIII coronal animation from around 1915 UT at PA 310-320.

Mon Nov 9 20:01:47 GMT 1998 CHIP Gain
Mon Nov 9 20:06:14 GMT 1998 CHIP End Gain
Mon Nov 9 20:06:24 GMT 1998 CHIP Bias
Mon Nov 9 20:07:13 GMT 1998 CHIP End Bias
Mon Nov 9 20:07:42 GMT 1998 CHIP Water
Mon Nov 9 20:08:22 GMT 1998 CHIP End Water

**** EVENT COMMENT ****: Mon Nov 9 20:21:35 GMT 1998
EPL no longer visible on CHIP.

WEATHER COMMENT: Mon Nov 9 20:22:47 GMT 1998
Cirrus fairly extensive. Stopping MKIII/IV.
Mon Nov 9 20:23:44 GMT 1998 MKIII End Patrol

WEATHER COMMENT: Mon Nov 9 20:40:33 GMT 1998
In cirrus overcast and orographic clouds.
No shadows.

PSPT COMMENT: Mon Nov 9 20:45:50 GMT 1998
PSPT dome rotator worked well today with the new direction relay installed.

Mon Nov 9 20:53:48 GMT 1998 CHIP CHIP End Patrol
Mon Nov 9 20:54:20 GMT 1998 CHIP ending tape

COMMENT: Mon Nov 9 20:54:36 GMT 1998

TAPES:

MKIV: MKIV-98313
CHIP: C00721
PICS: out of service
LOWL: L00554 in drive 0

Mon Nov 9 20:58:22 GMT 1998
MkIII

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| 17_38.rawmk3 | 18_11.rawmk3 | 18_53.rawmk3 | 19_45.rawmk3 | 20_17.rawmk3 |
| 17_41.rawmk3 | 18_14.rawmk3 | 19_08.rawmk3 | 19_48.rawmk3 | 20_20.rawmk3 |
| 17_45.rawmk3 | 18_17.rawmk3 | 19_15.rawmk3 | 19_51.rawmk3 | c18_36.rawmk3 |
| 17_48.rawmk3 | 18_20.rawmk3 | 19_22.rawmk3 | 19_54.rawmk3 | c18_43.rawmk3 |
| 17_51.rawmk3 | 18_23.rawmk3 | 19_25.rawmk3 | 19_58.rawmk3 | c18_50.rawmk3 |

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| 17_54.rawmk3 | 18_27.rawmk3 | 19_29.rawmk3 | 20_01.rawmk3 | c19_05.rawmk3 |
| 17_58.rawmk3 | 18_30.rawmk3 | 19_32.rawmk3 | 20_04.rawmk3 | c19_12.rawmk3 |
| 18_01.rawmk3 | 18_33.rawmk3 | 19_35.rawmk3 | 20_07.rawmk3 | c19_19.rawmk3 |
| 18_04.rawmk3 | 18_40.rawmk3 | 19_38.rawmk3 | 20_10.rawmk3 | |
| 18_07.rawmk3 | 18_46.rawmk3 | 19_41.rawmk3 | 20_14.rawmk3 | |