
Mauna Loa Solar Observatory Observer's Log

Wed Aug 19 16:45:42 GMT 1998

Year: 98 Doy: 231

Observer: koon

WEATHER COMMENT: Wed Aug 19 16:45:52 GMT 1998

Clear sky, wind=10 mph from the SE, temp=46 F.

Wed Aug 19 16:47:21 GMT 1998 CHIP Startup--Initializing new tape

Wed Aug 19 16:51:13 GMT 1998 MKIII Start Patrol

Wed Aug 19 16:51:23 GMT 1998 PICS Start Patrol

Wed Aug 19 16:51:23 GMT 1998 PICS Start Patrol

Wed Aug 19 17:00:51 GMT 1998 CHIP Bias

Wed Aug 19 17:01:48 GMT 1998 CHIP End Bias

Wed Aug 19 17:01:48 GMT 1998 CHIP End Bias

Wed Aug 19 17:02:00 GMT 1998 CHIP Water

Wed Aug 19 17:02:41 GMT 1998 CHIP End Water

Wed Aug 19 17:03:12 GMT 1998 PICS End Flat

PSPT COMMENT: Wed Aug 19 17:18:28 GMT 1998

Running OK, no sign of the mirror oscillation problem that Eric had, probably because the sky is clearer today.

Wed Aug 19 18:01:45 GMT 1998 PICS Flat

Wed Aug 19 18:03:14 GMT 1998 PICS End Flat

Wed Aug 19 18:03:14 GMT 1998 PICS End Flat

Wed Aug 19 18:04:11 GMT 1998 CHIP End Bias

Wed Aug 19 18:04:21 GMT 1998 CHIP Water

Wed Aug 19 18:05:09 GMT 1998 CHIP End Water

Wed Aug 19 19:01:46 GMT 1998 PICS Flat

Wed Aug 19 19:02:54 GMT 1998 CHIP Bias

Wed Aug 19 19:03:13 GMT 1998 PICS End Flat

Wed Aug 19 19:04:03 GMT 1998 CHIP End Bias

Wed Aug 19 19:04:17 GMT 1998 CHIP Water

Wed Aug 19 19:05:00 GMT 1998 CHIP End Water

MLSO PROBLEM: Wed Aug 19 19:13:16 GMT 1998

Network connection to Boulder appears to be down.

Wed Aug 19 20:01:43 GMT 1998 PICS Flat

Wed Aug 19 20:02:56 GMT 1998 CHIP Gain

Wed Aug 19 20:03:12 GMT 1998 PICS End Flat

Wed Aug 19 20:07:43 GMT 1998 CHIP End Gain

Wed Aug 19 20:07:53 GMT 1998 CHIP Bias

Wed Aug 19 20:08:46 GMT 1998 CHIP End Bias

Wed Aug 19 20:09:00 GMT 1998 CHIP Water

Wed Aug 19 20:09:38 GMT 1998 CHIP End Water

COMMENT: Wed Aug 19 20:23:54 GMT 1998

Extended the dome slot.

Wed Aug 19 21:00:50 GMT 1998 CHIP Bias

Wed Aug 19 21:01:44 GMT 1998 PICS Flat

Wed Aug 19 21:01:56 GMT 1998 CHIP End Bias

Wed Aug 19 21:02:06 GMT 1998 CHIP Water
Wed Aug 19 21:02:48 GMT 1998 CHIP End Water
Wed Aug 19 21:03:09 GMT 1998 PICS End Flat

PSPT PROBLEM Wed Aug 19 21:44:16 GMT 1998

I'm seeing the same mirror oscillation problem now that Eric saw on Monday. The active mirror can't be activated for some reason, the sky is clear and the active mirror was working earlier. The X and Y meters for the active mirror show the needles oscillating centered around the zero point. Eric already sent the screen parameters to Haosheng on Monday and asked for his help. It is near the end of the day so I'll shut down and see how it runs tomorrow.

Wed Aug 19 22:00:59 GMT 1998 CHIP Bias
**** EVENT COMMENT ****: Wed Aug 19 22:01:18 GMT 1998

A large, fast CME is in progress at PA=50. It started around 2140 ut. There is also an associated flare and loops visible at that active region AR 8307 I believe. I am sending out an alert message.

22:03:10 GMT 1998 PICS End Flat
CHIP COMMENT: Wed Aug 19 22:15:16 GMT 1998

You can easily see some loop structure around PA=60 around 2200ut. Possibly post-flare loops related to the flare in AR 8307 and the nearby CME.

Wed Aug 19 22:51:21 GMT 1998 CHIP CHIP End Patrol
Wed Aug 19 22:52:54 GMT 1998 PICS End Patrol
Wed Aug 19 22:59:07 GMT 1998 CHIP ending tape
COMMENT: Wed Aug 19 23:16:00 GMT 1998

TAPES:

PICS: P01271
CHIP: C00668
LOWL: L00537 in drive #1

Wed Aug 19 23:19:18 GMT 1998
MkIII

16_51.rawmk3	18_04.rawmk3	19_27.rawmk3	20_40.rawmk3	21_53.rawmk3
16_54.rawmk3	18_07.rawmk3	19_30.rawmk3	20_43.rawmk3	21_56.rawmk3
16_57.rawmk3	18_10.rawmk3	19_33.rawmk3	20_46.rawmk3	21_59.rawmk3
17_00.rawmk3	18_16.rawmk3	19_36.rawmk3	20_49.rawmk3	22_02.rawmk3
17_03.rawmk3	18_22.rawmk3	19_38.rawmk3	20_52.rawmk3	22_05.rawmk3
17_06.rawmk3	18_28.rawmk3	19_41.rawmk3	20_54.rawmk3	22_08.rawmk3
17_08.rawmk3	18_31.rawmk3	19_44.rawmk3	20_57.rawmk3	22_10.rawmk3
17_11.rawmk3	18_34.rawmk3	19_47.rawmk3	21_00.rawmk3	22_13.rawmk3
17_14.rawmk3	18_37.rawmk3	19_50.rawmk3	21_03.rawmk3	22_16.rawmk3
17_17.rawmk3	18_40.rawmk3	19_53.rawmk3	21_06.rawmk3	22_19.rawmk3
17_20.rawmk3	18_43.rawmk3	19_56.rawmk3	21_09.rawmk3	22_22.rawmk3
17_23.rawmk3	18_46.rawmk3	19_59.rawmk3	21_12.rawmk3	22_25.rawmk3
17_26.rawmk3	18_49.rawmk3	20_02.rawmk3	21_15.rawmk3	22_28.rawmk3

17_29.rawmk3	18_52.rawmk3	20_05.rawmk3	21_18.rawmk3	22_31.rawmk3
17_32.rawmk3	18_55.rawmk3	20_08.rawmk3	21_21.rawmk3	22_34.rawmk3
17_35.rawmk3	18_58.rawmk3	20_11.rawmk3	21_24.rawmk3	22_37.rawmk3
17_38.rawmk3	19_00.rawmk3	20_14.rawmk3	21_27.rawmk3	22_40.rawmk3
17_41.rawmk3	19_03.rawmk3	20_16.rawmk3	21_30.rawmk3	22_43.rawmk3
17_44.rawmk3	19_06.rawmk3	20_19.rawmk3	21_32.rawmk3	22_45.rawmk3
17_46.rawmk3	19_09.rawmk3	20_22.rawmk3	21_35.rawmk3	22_48.rawmk3
17_49.rawmk3	19_12.rawmk3	20_25.rawmk3	21_38.rawmk3	22_51.rawmk3
17_52.rawmk3	19_15.rawmk3	20_28.rawmk3	21_41.rawmk3	c18_13.rawmk3
17_55.rawmk3	19_18.rawmk3	20_31.rawmk3	21_44.rawmk3	c18_19.rawmk3
17_58.rawmk3	19_21.rawmk3	20_34.rawmk3	21_47.rawmk3	c18_25.rawmk3
18_01.rawmk3	19_24.rawmk3	20_37.rawmk3	21_50.rawmk3	