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Mauna Loa Solar Observatory Observer's Log  
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Tue Sep 15 16:30:03 GMT 1998

Year: 98 Doy: 258

Observer: yasukawa

Tue Sep 15 16:31:07 GMT 1998 CHIP Startup--Initializing new tape

WEATHER COMMENT: Tue Sep 15 16:31:35 GMT 1998

Cool, clear, light southwest wind.

Tue Sep 15 16:40:01 GMT 1998 CHIP CHIP Start Patrol

Tue Sep 15 16:40:26 GMT 1998 PICS Start Patrol

Tue Sep 15 16:44:57 GMT 1998 MKIII Start Patrol

Tue Sep 15 17:01:49 GMT 1998 CHIP Bias

Tue Sep 15 17:02:38 GMT 1998 PICS Flat

Tue Sep 15 17:02:46 GMT 1998 CHIP End Bias

Tue Sep 15 17:03:00 GMT 1998 CHIP Water

Tue Sep 15 17:03:40 GMT 1998 CHIP End Water

Tue Sep 15 17:04:10 GMT 1998 PICS End Flat

Tue Sep 15 18:00:48 GMT 1998 CHIP Bias

Tue Sep 15 18:01:47 GMT 1998 CHIP End Bias

Tue Sep 15 18:01:59 GMT 1998 CHIP Water

Tue Sep 15 18:02:35 GMT 1998 CHIP End Water

Tue Sep 15 18:02:35 GMT 1998 CHIP End Water

Tue Sep 15 18:04:08 GMT 1998 PICS End Flat

Tue Sep 15 19:02:43 GMT 1998 PICS Flat

Tue Sep 15 19:03:09 GMT 1998 CHIP Bias

Tue Sep 15 19:04:05 GMT 1998 CHIP End Bias

Tue Sep 15 19:04:05 GMT 1998 CHIP End Bias

Tue Sep 15 19:04:22 GMT 1998 CHIP Water

Tue Sep 15 19:05:08 GMT 1998 CHIP End Water

COMMENT: Tue Sep 15 19:10:24 GMT 1998

Stopping to reconfigure dome shutter

Tue Sep 15 19:11:46 GMT 1998 PICS End Patrol

Tue Sep 15 19:11:46 GMT 1998 PICS End Patrol

Tue Sep 15 19:17:26 GMT 1998 MKIII Start Patrol

Tue Sep 15 19:17:57 GMT 1998 PICS Start Patrol

Tue Sep 15 19:17:57 GMT 1998 PICS Start Patrol

Tue Sep 15 20:00:55 GMT 1998 CHIP Gain

Tue Sep 15 20:01:43 GMT 1998 PICS Flat

Tue Sep 15 20:03:14 GMT 1998 PICS End Flat

Tue Sep 15 20:05:29 GMT 1998 CHIP End Gain

Tue Sep 15 20:05:39 GMT 1998 CHIP Bias

Tue Sep 15 20:06:29 GMT 1998 CHIP End Bias

Tue Sep 15 20:06:38 GMT 1998 CHIP Water

Tue Sep 15 20:07:15 GMT 1998 CHIP End Water

\*\*PSPT PROBLEM\*\* Tue Sep 15 20:11:11 GMT 1998

PSPT mirror servo oscillating again at 2000 UT awakening.

Stopped with <ctrl>C and exited. Used 'n' answer to archive

query. Checked Servo module and mirror drive module. No outward appearance of failure. Drive module was quite hot, but that might be due to its many cycles during the multiple retry attempts.

Re attempting Run.

\*\*PSPT PROBLEM\*\* : Tue Sep 15 20:15:54 GMT 1998

Mirror still oscillating. Stopped program and this time, I will let it cool down.

\*\*PSPT PROBLEM\*\* : Tue Sep 15 20:44:27 GMT 1998

Cooled mirror drive heatsink by evaporating rubbing alcohol in the cool windstream from the north window. Reinserted drive module and started up again. Oscillation stopped and Run was successful.

Will let Haosheng and Roy know.

Tue Sep 15 21:01:40 GMT 1998	PICS	Flat
Tue Sep 15 21:01:51 GMT 1998	CHIP	Bias
Tue Sep 15 21:02:50 GMT 1998	CHIP	End Bias
Tue Sep 15 21:03:04 GMT 1998	CHIP	Water
Tue Sep 15 21:03:04 GMT 1998	CHIP	Water
Tue Sep 15 21:03:54 GMT 1998	CHIP	End Water

WEATHER COMMENT: Tue Sep 15 21:23:51 GMT 1998

In orographic clouds.

Tue Sep 15 21:25:34 GMT 1998	PICS	End Patrol
Tue Sep 15 21:28:20 GMT 1998	CHIP	CHIP End Patrol
Tue Sep 15 21:28:55 GMT 1998	CHIP	ending tape

COMMENT: Tue Sep 15 21:29:38 GMT 1998

Tapes:

PICS: P01294

CHIP: C00691

LOWL: L00543

Tue Sep 15 21:30:45 GMT 1998

MkIII

16_45.rawmk3	17_40.rawmk3	18_45.rawmk3	19_46.rawmk3	20_42.rawmk3
16_48.rawmk3	17_43.rawmk3	18_48.rawmk3	19_49.rawmk3	20_45.rawmk3
16_51.rawmk3	17_46.rawmk3	18_51.rawmk3	19_52.rawmk3	20_48.rawmk3
16_53.rawmk3	17_49.rawmk3	18_54.rawmk3	19_55.rawmk3	20_51.rawmk3
16_56.rawmk3	17_52.rawmk3	18_57.rawmk3	19_58.rawmk3	20_53.rawmk3
16_59.rawmk3	17_55.rawmk3	19_00.rawmk3	20_01.rawmk3	20_56.rawmk3
17_02.rawmk3	17_58.rawmk3	19_03.rawmk3	20_04.rawmk3	20_59.rawmk3
17_05.rawmk3	18_04.rawmk3	19_06.rawmk3	20_07.rawmk3	21_02.rawmk3
17_08.rawmk3	18_10.rawmk3	19_09.rawmk3	20_10.rawmk3	21_05.rawmk3
17_11.rawmk3	18_16.rawmk3	19_17.rawmk3	20_13.rawmk3	21_08.rawmk3
17_14.rawmk3	18_19.rawmk3	19_20.rawmk3	20_15.rawmk3	21_11.rawmk3
17_17.rawmk3	18_22.rawmk3	19_23.rawmk3	20_18.rawmk3	21_14.rawmk3
17_20.rawmk3	18_25.rawmk3	19_26.rawmk3	20_21.rawmk3	21_17.rawmk3
17_23.rawmk3	18_28.rawmk3	19_29.rawmk3	20_24.rawmk3	21_20.rawmk3
17_26.rawmk3	18_31.rawmk3	19_32.rawmk3	20_27.rawmk3	21_23.rawmk3
17_29.rawmk3	18_34.rawmk3	19_35.rawmk3	20_30.rawmk3	c18_01.rawmk3
17_31.rawmk3	18_37.rawmk3	19_37.rawmk3	20_33.rawmk3	c18_07.rawmk3

17\_34.rawmk3 18\_40.rawmk3 19\_40.rawmk3 20\_36.rawmk3 c18\_13.rawmk3  
17\_37.rawmk3 18\_43.rawmk3 19\_43.rawmk3 20\_39.rawmk3