
Mauna Loa Solar Observatory Observer's Log

Tue Sep 29 16:37:49 GMT 1998

Year: 98 Doy: 272

Observer: yasukawa

WEATHER COMMENT: Tue Sep 29 16:38:16 GMT 1998

Cool, clear, light southwest breeze.

Tue Sep 29 16:38:38 GMT 1998 CHIP Startup--Initializing new tape

Tue Sep 29 16:42:36 GMT 1998 MKIII Start Patrol

Tue Sep 29 16:42:29 GMT 1998 CHIP CHIP Start Patrol

Tue Sep 29 16:42:56 GMT 1998 PICS Start Patrol

Tue Sep 29 17:00:51 GMT 1998 CHIP Bias

Tue Sep 29 17:01:51 GMT 1998 CHIP End Bias

Tue Sep 29 17:02:01 GMT 1998 CHIP Water

Tue Sep 29 17:02:44 GMT 1998 PICS Flat

Tue Sep 29 17:02:42 GMT 1998 CHIP End Water

Tue Sep 29 17:04:11 GMT 1998 PICS End Flat

PSPT PROBLEM Tue Sep 29 17:29:27 GMT 1998

Running PSPT with side-plate open. Active mirror came up OK on first Run. Image on monitor is centered. Light beam not centered on camera lens in front of quad cells. Beam is not spilling off lens, beam is not spilling off of iris in lens.

PSPT PROBLEM Tue Sep 29 17:37:35 GMT 1998

Image is centered on monitor. Beam is slightly off center, but falling on the camera lens. Beam is NOT centered on the tube leading into the ccd housing. Beam is spilling off the tube almost 50% toward the objective tube.

Tue Sep 29 18:02:39 GMT 1998 PICS Flat

Tue Sep 29 18:02:49 GMT 1998 CHIP Bias

Tue Sep 29 18:03:46 GMT 1998 CHIP End Bias

Tue Sep 29 18:04:05 GMT 1998 PICS End Flat

Tue Sep 29 18:03:58 GMT 1998 CHIP Water

Tue Sep 29 18:04:44 GMT 1998 CHIP End Water

Tue Sep 29 19:02:37 GMT 1998 PICS Flat

Tue Sep 29 19:03:00 GMT 1998 CHIP Bias

Tue Sep 29 19:04:02 GMT 1998 PICS End Flat

Tue Sep 29 19:04:01 GMT 1998 CHIP End Bias

PSPT PROBLEM Tue Sep 29 19:04:21 GMT 1998

1900 wake-up started OK, no problem with Tue Sep 29 19:05:05 GMT 1998 same as first Run.

PSPT PROBLEM Tue Sep 29 19:08:01 GMT 1998

Further into the 1900 UT Run, image on monitor got soft. I can feel the active mirror vibrating, I can see the beam moving around on the camera lens, but not spilling off of the glass, and I can see the beam that goes up the CCD tube moving around, still spilled around 50% out of the tube, and the meters on the servo module, of course, are swinging back and forth.

PSPT PROBLEM Tue Sep 29 19:17:47 GMT 1998

Mirror is now oscillating and PSPT is apparently not able to lock on to sun. Stopping PSPT. Haosheng has decided that the alignment of the quad cells and the secondary optics package are off enough that he is considering sending Jeff Kuhn over (he's at IFA now) maybe this weekend to align the optics.

COMMENT: Tue Sep 29 19:25:43 GMT 1998

Stopping to reconfigure dome shutter.

Tue Sep 29 19:26:38 GMT 1998	PICS	End Patrol
Tue Sep 29 19:26:31 GMT 1998	CHIP	CHIP End Patrol
Tue Sep 29 19:32:24 GMT 1998	MKIII	Start Patrol
Tue Sep 29 19:32:58 GMT 1998	PICS	Start Patrol
Tue Sep 29 19:32:58 GMT 1998	PICS	Start Patrol
Tue Sep 29 20:00:52 GMT 1998	CHIP	Gain
Tue Sep 29 20:01:40 GMT 1998	PICS	Flat
Tue Sep 29 20:03:08 GMT 1998	PICS	End Flat
Tue Sep 29 20:05:25 GMT 1998	CHIP	End Gain
Tue Sep 29 20:05:35 GMT 1998	CHIP	Bias
Tue Sep 29 20:06:24 GMT 1998	CHIP	End Bias
Tue Sep 29 20:06:34 GMT 1998	CHIP	Water
Tue Sep 29 20:07:09 GMT 1998	CHIP	End Water
Tue Sep 29 21:01:38 GMT 1998	PICS	Flat
Tue Sep 29 21:01:47 GMT 1998	CHIP	Bias
Tue Sep 29 21:02:41 GMT 1998	CHIP	End Bias
Tue Sep 29 21:02:51 GMT 1998	CHIP	Water
Tue Sep 29 21:02:51 GMT 1998	CHIP	Water
Tue Sep 29 21:03:40 GMT 1998	CHIP	End Water
Tue Sep 29 22:00:52 GMT 1998	CHIP	Bias
Tue Sep 29 22:01:44 GMT 1998	PICS	Flat
Tue Sep 29 22:01:46 GMT 1998	CHIP	End Bias
Tue Sep 29 22:02:00 GMT 1998	CHIP	Water
Tue Sep 29 22:02:46 GMT 1998	CHIP	End Water
Tue Sep 29 22:03:15 GMT 1998	PICS	End Flat
Tue Sep 29 22:06:38 GMT 1998	CHIP	CHIP End Patrol
Tue Sep 29 22:07:35 GMT 1998	PICS	End Patrol
Tue Sep 29 22:07:35 GMT 1998	PICS	End Patrol

COMMENT: Tue Sep 29 22:11:05 GMT 1998

Tapes:

PICS: P01307

CHIP: C00704

LOWL: L00545

Tue Sep 29 22:12:15 GMT 1998

MkIII

16_42.rawmk3	17_47.rawmk3	19_01.rawmk3	20_10.rawmk3	21_14.rawmk3
16_45.rawmk3	17_49.rawmk3	19_03.rawmk3	20_13.rawmk3	21_17.rawmk3
16_48.rawmk3	17_52.rawmk3	19_06.rawmk3	20_16.rawmk3	21_20.rawmk3

16_51.rawmk3	17_55.rawmk3	19_09.rawmk3	20_19.rawmk3	21_23.rawmk3
16_54.rawmk3	17_58.rawmk3	19_12.rawmk3	20_22.rawmk3	21_26.rawmk3
16_57.rawmk3	18_01.rawmk3	19_15.rawmk3	20_25.rawmk3	21_29.rawmk3
17_00.rawmk3	18_04.rawmk3	19_18.rawmk3	20_27.rawmk3	21_32.rawmk3
17_03.rawmk3	18_07.rawmk3	19_21.rawmk3	20_30.rawmk3	21_35.rawmk3
17_06.rawmk3	18_10.rawmk3	19_24.rawmk3	20_33.rawmk3	21_38.rawmk3
17_09.rawmk3	18_13.rawmk3	19_32.rawmk3	20_36.rawmk3	21_41.rawmk3
17_12.rawmk3	18_19.rawmk3	19_35.rawmk3	20_39.rawmk3	21_43.rawmk3
17_14.rawmk3	18_25.rawmk3	19_38.rawmk3	20_42.rawmk3	21_46.rawmk3
17_17.rawmk3	18_31.rawmk3	19_41.rawmk3	20_45.rawmk3	21_49.rawmk3
17_20.rawmk3	18_34.rawmk3	19_44.rawmk3	20_48.rawmk3	21_52.rawmk3
17_23.rawmk3	18_37.rawmk3	19_47.rawmk3	20_51.rawmk3	21_55.rawmk3
17_26.rawmk3	18_40.rawmk3	19_50.rawmk3	20_54.rawmk3	21_58.rawmk3
17_29.rawmk3	18_43.rawmk3	19_52.rawmk3	20_57.rawmk3	22_01.rawmk3
17_32.rawmk3	18_46.rawmk3	19_55.rawmk3	21_00.rawmk3	22_04.rawmk3
17_35.rawmk3	18_49.rawmk3	19_58.rawmk3	21_03.rawmk3	22_07.rawmk3
17_38.rawmk3	18_52.rawmk3	20_01.rawmk3	21_05.rawmk3	c18_16.rawmk3
17_41.rawmk3	18_55.rawmk3	20_04.rawmk3	21_08.rawmk3	c18_22.rawmk3
17_44.rawmk3	18_58.rawmk3	20_07.rawmk3	21_11.rawmk3	c18_28.rawmk3