
Mauna Loa Solar Observatory Observer's Log

Fri Apr 17 16:48:27 GMT 1998

Year: 98 Doy: 107

Observer: yasukawa

WEATHER COMMENT: Fri Apr 17 16:49:24 GMT 1998

Cool, clear, wind light and variable.

Fri Apr 17 16:49:59 GMT 1998 CHIP Startup--Initializing new tape

Fri Apr 17 16:51:53 GMT 1998 CHIP CHIP Start Patrol

Fri Apr 17 16:52:10 GMT 1998 MKIII Start Patrol

Fri Apr 17 16:52:07 GMT 1998 PICS Start Patrol

Fri Apr 17 17:00:08 GMT 1998 PICS Flat

Fri Apr 17 17:01:35 GMT 1998 PICS End Flat

Fri Apr 17 17:02:03 GMT 1998 CHIP Bias

Fri Apr 17 17:03:08 GMT 1998 CHIP End Bias

Fri Apr 17 17:03:18 GMT 1998 CHIP Water

Fri Apr 17 17:04:00 GMT 1998 CHIP End Water

MKIII COMMENT: Fri Apr 17 17:22:28 GMT 1998

*** Recycling H01804 ***

PSPT COMMENT: Fri Apr 17 17:58:36 GMT 1998

PSPT did not start on first attempt. REBIN error. Second attempt failed also, could not find the sun. Upon checking, I opened it up to look for the image on the lens--No light! cover was closed! exited and tried Run again.

PICS Flat

Fri Apr 17 18:01:49 GMT 1998 PICS End Flat

Fri Apr 17 18:02:02 GMT 1998 CHIP Bias

Fri Apr 17 18:03:07 GMT 1998 CHIP End Bias

Fri Apr 17 18:03:22 GMT 1998 CHIP Water

Fri Apr 17 18:04:10 GMT 1998 CHIP End Water

PSPT COMMENT: Fri Apr 17 18:13:05 GMT 1998

Ending observation program to reboot workstation. Rebooted PC.

Cap not closing all the way during shutdown.

Fri Apr 17 18:26:58 GMT 1998 MKIII Start Cal

Fri Apr 17 19:00:28 GMT 1998 PICS Flat

Fri Apr 17 19:01:57 GMT 1998 PICS End Flat

Fri Apr 17 19:02:10 GMT 1998 CHIP Bias

Fri Apr 17 19:03:08 GMT 1998 CHIP End Bias

Fri Apr 17 19:03:25 GMT 1998 CHIP Water

Fri Apr 17 19:04:15 GMT 1998 CHIP End Water

PSPT COMMENT: Fri Apr 17 19:13:06 GMT 1998

Investigated lens cap. Found motor running-on, shaft was slipping. Further investigation revealed that the open/close limit actuator had slipped enough that it was not actuating the close microswitch when the cover was at mechanical limit. This caused the shaft to slip.

adjusted the actuator and tightened down on the setscrew holding the cover to the shaft. Tried Run again. This time PSTP worked.

COMMENT: Fri Apr 17 19:19:15 GMT 1998
Network is down.

COMMENT: Fri Apr 17 19:20:31 GMT 1998
Stopping to reconfigure dome shutter.

Fri Apr 17 19:22:23 GMT 1998	PICS	End Patrol
Fri Apr 17 19:22:46 GMT 1998	CHIP	CHIP End Patrol
Fri Apr 17 19:32:35 GMT 1998	MKIII	Start Patrol
Fri Apr 17 19:32:55 GMT 1998	CHIP	CHIP Start Patrol
Fri Apr 17 19:32:55 GMT 1998	CHIP	CHIP Start Patrol
Fri Apr 17 20:01:03 GMT 1998	CHIP	Gain
Fri Apr 17 20:02:25 GMT 1998	PICS	Flat
Fri Apr 17 20:03:55 GMT 1998	PICS	End Flat
Fri Apr 17 20:07:08 GMT 1998	CHIP	End Gain
Fri Apr 17 20:07:18 GMT 1998	CHIP	Bias
Fri Apr 17 20:08:12 GMT 1998	CHIP	End Bias
Fri Apr 17 20:08:26 GMT 1998	CHIP	Water
Fri Apr 17 20:09:10 GMT 1998	CHIP	End Water

PSPT COMMENT: Fri Apr 17 20:37:25 GMT 1998

Never thought to check if the shutter was open or closed at noontime when we would get the low-light message. Could it be that the telescope got into a position where gravity or wind overcame the reduced friction and closed the shutter before the 2200 UT obs run began???? We'll see if the 2200 obs functions normally today.

Fri Apr 17 21:00:27 GMT 1998	PICS	Flat
Fri Apr 17 21:01:03 GMT 1998	CHIP	Bias
Fri Apr 17 21:02:00 GMT 1998	PICS	End Flat
Fri Apr 17 21:02:07 GMT 1998	CHIP	End Bias
Fri Apr 17 21:02:18 GMT 1998	CHIP	Water
Fri Apr 17 21:03:06 GMT 1998	CHIP	End Water
Fri Apr 17 22:01:06 GMT 1998	CHIP	Bias

PSPT COMMENT: Fri Apr 17 22:01:30 GMT 1998

PSPT started up just fine. The problem we had been having could have very likely been caused by the slipping aperture cap.

22:02:22 GMT 1998	CHIP	Water
Fri Apr 17 22:02:52 GMT 1998	PICS	End Flat
Fri Apr 17 22:03:17 GMT 1998	CHIP	End Water
Fri Apr 17 22:06:39 GMT 1998	CHIP	CHIP End Patrol
Fri Apr 17 22:07:56 GMT 1998	PICS	End Patrol
Fri Apr 17 22:10:38 GMT 1998	CHIP	ending tape

COMMENT: Fri Apr 17 22:15:00 GMT 1998

Tapes:

MKIII: H01805

PICS: P01171

CHIP: C00560

LOWL: L00508

Fri Apr 17 22:16:03 GMT 1998

MkIII

16_52.rawmk3	17_56.rawmk3	19_11.rawmk3	20_22.rawmk3	21_26.rawmk3
16_55.rawmk3	17_59.rawmk3	19_14.rawmk3	20_25.rawmk3	21_29.rawmk3
16_58.rawmk3	18_02.rawmk3	19_17.rawmk3	20_28.rawmk3	21_32.rawmk3
17_01.rawmk3	18_05.rawmk3	19_20.rawmk3	20_31.rawmk3	21_35.rawmk3
17_04.rawmk3	18_08.rawmk3	19_23.rawmk3	20_34.rawmk3	21_38.rawmk3
17_07.rawmk3	18_11.rawmk3	19_32.rawmk3	20_36.rawmk3	21_41.rawmk3
17_09.rawmk3	18_14.rawmk3	19_35.rawmk3	20_39.rawmk3	21_44.rawmk3
17_12.rawmk3	18_17.rawmk3	19_38.rawmk3	20_42.rawmk3	21_47.rawmk3
17_15.rawmk3	18_20.rawmk3	19_41.rawmk3	20_45.rawmk3	21_49.rawmk3
17_18.rawmk3	18_23.rawmk3	19_44.rawmk3	20_48.rawmk3	21_52.rawmk3
17_21.rawmk3	18_30.rawmk3	19_47.rawmk3	20_51.rawmk3	21_55.rawmk3
17_24.rawmk3	18_36.rawmk3	19_50.rawmk3	20_54.rawmk3	21_58.rawmk3
17_27.rawmk3	18_42.rawmk3	19_53.rawmk3	20_57.rawmk3	22_01.rawmk3
17_30.rawmk3	18_45.rawmk3	19_56.rawmk3	21_00.rawmk3	22_04.rawmk3
17_33.rawmk3	18_48.rawmk3	19_58.rawmk3	21_03.rawmk3	22_07.rawmk3
17_36.rawmk3	18_51.rawmk3	20_01.rawmk3	21_06.rawmk3	c18_27.rawmk3
17_39.rawmk3	18_54.rawmk3	20_04.rawmk3	21_09.rawmk3	c18_33.rawmk3
17_42.rawmk3	18_57.rawmk3	20_07.rawmk3	21_12.rawmk3	c18_39.rawmk3
17_45.rawmk3	19_00.rawmk3	20_10.rawmk3	21_14.rawmk3	
17_47.rawmk3	19_03.rawmk3	20_13.rawmk3	21_17.rawmk3	
17_50.rawmk3	19_06.rawmk3	20_16.rawmk3	21_20.rawmk3	
17_53.rawmk3	19_08.rawmk3	20_19.rawmk3	21_23.rawmk3	