
Mauna Loa Solar Observatory Observer's Log

Mon Aug 24 16:44:23 GMT 1998

Year: 98 Doy: 236

Observer: yasukawa

WEATHER COMMENT: Mon Aug 24 16:45:26 GMT 1998

Cool, clear, southeast wind. Scattered cirrus to south and west.

Mon Aug 24 16:48:26 GMT 1998 CHIP Startup--Initializing new tape

PSPT PROBLEM Mon Aug 24 16:48:54 GMT 1998

PSPT down for repairs, no observations. Camera not here yet.

Mon Aug 24 16:50:34 GMT 1998 CHIP CHIP Start Patrol

Mon Aug 24 16:50:45 GMT 1998 PICS Start Patrol

Mon Aug 24 16:51:01 GMT 1998 MKIII Start Patrol

Mon Aug 24 17:00:40 GMT 1998 PICS Flat

Mon Aug 24 17:02:10 GMT 1998 PICS End Flat

Mon Aug 24 17:02:48 GMT 1998 CHIP Bias

Mon Aug 24 17:03:46 GMT 1998 CHIP End Bias

Mon Aug 24 17:04:00 GMT 1998 CHIP Water

Mon Aug 24 17:04:39 GMT 1998 CHIP End Water

WEATHER COMMENT: Mon Aug 24 17:44:50 GMT 1998

Thin cirrus patches.

Mon Aug 24 18:00:36 GMT 1998 PICS Flat

Mon Aug 24 18:01:47 GMT 1998 CHIP Bias

Mon Aug 24 18:02:06 GMT 1998 PICS End Flat

Mon Aug 24 18:02:46 GMT 1998 CHIP End Bias

Mon Aug 24 18:02:56 GMT 1998 CHIP Water

Mon Aug 24 18:03:40 GMT 1998 CHIP End Water

GONG COMMENT: Mon Aug 24 18:27:10 GMT 1998

Going down to GONG to do the weekly preventive maintenance.

GONG COMMENT: Mon Aug 24 18:54:17 GMT 1998

Back from GONG.

GONG PROBLEM Mon Aug 24 18:54:36 GMT 1998

Exabyte drive 2 in secondary bank failed. Top amber LED and bottom green LED is on and middle green LED is blinking at a 7-sec. on/1-sec. off duty cycle. Manual eject button on front panel unresponsive.

Cycling power to unit did not reset anything or change LED diagnostic.

Mon Aug 24 19:00:37 GMT 1998 PICS Flat

Mon Aug 24 19:00:54 GMT 1998 CHIP Bias

Mon Aug 24 19:02:08 GMT 1998 PICS End Flat

Mon Aug 24 19:02:08 GMT 1998 PICS End Flat

Mon Aug 24 19:02:17 GMT 1998 CHIP Water

Mon Aug 24 19:02:55 GMT 1998 CHIP End Water

GONG PROBLEM Mon Aug 24 19:04:26 GMT 1998

Exabyte manual says that the LED pattern indicates a SCSI bus reset, the middle LED is on during bus activity.

Mon Aug 24 19:20:00 GMT 1998 PICS End Patrol

COMMENT: Mon Aug 24 19:20:28 GMT 1998

Stopping to reconfigure dome shutter.

Mon Aug 24 19:21:20 GMT 1998	CHIP	CHIP End Patrol
Mon Aug 24 19:27:45 GMT 1998	MKIII	Start Patrol
Mon Aug 24 19:28:06 GMT 1998	CHIP	CHIP Start Patrol
Mon Aug 24 19:28:06 GMT 1998	CHIP	CHIP Start Patrol
Mon Aug 24 20:01:52 GMT 1998	CHIP	Gain
Mon Aug 24 20:02:44 GMT 1998	PICS	Flat
Mon Aug 24 20:04:15 GMT 1998	PICS	End Flat
Mon Aug 24 20:06:24 GMT 1998	CHIP	End Gain
Mon Aug 24 20:06:37 GMT 1998	CHIP	Bias
Mon Aug 24 20:07:25 GMT 1998	CHIP	End Bias
Mon Aug 24 20:07:35 GMT 1998	CHIP	Water
Mon Aug 24 20:08:10 GMT 1998	CHIP	End Water
Mon Aug 24 21:02:34 GMT 1998	PICS	Flat
Mon Aug 24 21:02:51 GMT 1998	CHIP	Bias
Mon Aug 24 21:03:46 GMT 1998	CHIP	End Bias
Mon Aug 24 21:03:56 GMT 1998	CHIP	Water
Mon Aug 24 21:04:00 GMT 1998	PICS	End Flat
Mon Aug 24 21:04:40 GMT 1998	CHIP	End Water

WEATHER COMMENT: Mon Aug 24 21:52:38 GMT 1998

Thin cirrus patch passing by.

Mon Aug 24 22:01:48 GMT 1998	CHIP	Bias
Mon Aug 24 22:02:45 GMT 1998	CHIP	End Bias
Mon Aug 24 22:02:45 GMT 1998	CHIP	End Bias
Mon Aug 24 22:03:03 GMT 1998	CHIP	Water
Mon Aug 24 22:03:49 GMT 1998	CHIP	End Water
Mon Aug 24 22:04:17 GMT 1998	PICS	End Flat
Mon Aug 24 22:05:55 GMT 1998	MKIII	Start Patrol

**** EVENT COMMENT ****: Mon Aug 24 22:06:04 GMT 1998

Large flare on disk's northeastern quadrant.

Mon Aug 24 22:07:35 GMT 1998	CHIP	CHIP End Patrol
Mon Aug 24 22:08:15 GMT 1998	CHIP	CHIP Start Patrol

WEATHER COMMENT: Mon Aug 24 22:10:26 GMT 1998

In fairly extensive thin cirrus.

COMMENT: Mon Aug 24 22:31:32 GMT 1998

Moved dome slot to favor PICS at this time. MKIII partially shaded but in moderate to thin cirrus anyway.

Mon Aug 24 23:02:37 GMT 1998	PICS	Flat
Mon Aug 24 23:02:47 GMT 1998	CHIP	Bias
Mon Aug 24 23:03:46 GMT 1998	CHIP	End Bias
Mon Aug 24 23:03:56 GMT 1998	CHIP	Water
Mon Aug 24 23:04:05 GMT 1998	PICS	End Flat
Mon Aug 24 23:04:36 GMT 1998	CHIP	End Water

**** EVENT COMMENT ****: Mon Aug 24 23:17:28 GMT 1998

Disc flare is decaying.

COMMENT: Mon Aug 24 23:50:39 GMT 1998

Guiding problem. May be tight cables as it was a RA error, not a dec reset that caused the guiding to drift.

MLSO PROBLEM Mon Aug 24 23:54:15 GMT 1998

Coolant line hoses are limiting right ascension. Since this will take an effort to relieve the strain, I will work on it at this time. Stopping observations as the disk images move out of the limits of the field of view.

**** EVENT COMMENT ****: Mon Aug 24 23:56:32 GMT 1998

Flare still present, but fairly decayed.

COMMENT: Mon Aug 24 23:57:00 GMT 1998

Tapes:

PICS: P01275

CHIP: C00672

LOWL: L00538

Mon Aug 24 23:58:17 GMT 1998 CHIP CHIP End Patrol

Tue Aug 25 00:01:58 GMT 1998 CHIP ending tape

Tue Aug 25 00:02:49 GMT 1998 PICS Flat

Tue Aug 25 00:04:28 GMT 1998 PICS End Flat

Tue Aug 25 00:08:29 GMT 1998 PICS End Patrol

Tue Aug 25 00:10:13 GMT 1998

MkIII

16_51.rawmk3	18_25.rawmk3	19_54.rawmk3	21_18.rawmk3	22_43.rawmk3
16_54.rawmk3	18_28.rawmk3	19_57.rawmk3	21_21.rawmk3	22_46.rawmk3
16_57.rawmk3	18_31.rawmk3	19_59.rawmk3	21_24.rawmk3	22_49.rawmk3
17_00.rawmk3	18_34.rawmk3	20_02.rawmk3	21_27.rawmk3	22_52.rawmk3
17_02.rawmk3	18_37.rawmk3	20_05.rawmk3	21_30.rawmk3	22_55.rawmk3
17_05.rawmk3	18_40.rawmk3	20_08.rawmk3	21_33.rawmk3	22_58.rawmk3
17_08.rawmk3	18_43.rawmk3	20_11.rawmk3	21_36.rawmk3	23_01.rawmk3
17_11.rawmk3	18_46.rawmk3	20_14.rawmk3	21_39.rawmk3	23_04.rawmk3
17_14.rawmk3	18_49.rawmk3	20_17.rawmk3	21_42.rawmk3	23_07.rawmk3
17_17.rawmk3	18_51.rawmk3	20_20.rawmk3	21_45.rawmk3	23_10.rawmk3
17_20.rawmk3	18_54.rawmk3	20_23.rawmk3	21_48.rawmk3	23_13.rawmk3
17_23.rawmk3	18_57.rawmk3	20_26.rawmk3	21_50.rawmk3	23_16.rawmk3
17_26.rawmk3	19_00.rawmk3	20_29.rawmk3	21_53.rawmk3	23_19.rawmk3
17_29.rawmk3	19_03.rawmk3	20_32.rawmk3	21_56.rawmk3	23_21.rawmk3
17_32.rawmk3	19_06.rawmk3	20_35.rawmk3	21_59.rawmk3	23_24.rawmk3
17_35.rawmk3	19_09.rawmk3	20_37.rawmk3	22_02.rawmk3	23_27.rawmk3
17_37.rawmk3	19_12.rawmk3	20_40.rawmk3	22_05.rawmk3	23_30.rawmk3
17_40.rawmk3	19_15.rawmk3	20_43.rawmk3	22_08.rawmk3	23_33.rawmk3
17_43.rawmk3	19_18.rawmk3	20_46.rawmk3	22_11.rawmk3	23_36.rawmk3
17_46.rawmk3	19_21.rawmk3	20_49.rawmk3	22_14.rawmk3	23_39.rawmk3
17_49.rawmk3	19_27.rawmk3	20_52.rawmk3	22_17.rawmk3	23_42.rawmk3
17_52.rawmk3	19_30.rawmk3	20_55.rawmk3	22_20.rawmk3	23_45.rawmk3
17_55.rawmk3	19_33.rawmk3	20_58.rawmk3	22_23.rawmk3	23_48.rawmk3
17_58.rawmk3	19_36.rawmk3	21_01.rawmk3	22_26.rawmk3	23_51.rawmk3
18_01.rawmk3	19_39.rawmk3	21_04.rawmk3	22_29.rawmk3	23_54.rawmk3
18_04.rawmk3	19_42.rawmk3	21_07.rawmk3	22_32.rawmk3	c18_07.rawmk3
18_10.rawmk3	19_45.rawmk3	21_10.rawmk3	22_35.rawmk3	c18_13.rawmk3
18_16.rawmk3	19_48.rawmk3	21_13.rawmk3	22_38.rawmk3	c18_19.rawmk3

18_22.rawmk3 19_51.rawmk3 21_15.rawmk3 22_41.rawmk3