
Mauna Loa Solar Observatory Observer's Log

Thu Sep 24 16:38:28 GMT 1998

Year: 98 Doy: 267

Observer: yasukawa

WEATHER COMMENT: Thu Sep 24 16:40:22 GMT 1998

Cool, clear, light southwest breeze.

Thu Sep 24 16:40:41 GMT 1998 CHIP Startup--Initializing new tape

Thu Sep 24 16:44:27 GMT 1998 CHIP CHIP Start Patrol

Thu Sep 24 16:44:36 GMT 1998 MKIII Start Patrol

Thu Sep 24 16:44:49 GMT 1998 PICS Start Patrol

Thu Sep 24 17:00:48 GMT 1998 PICS Flat

Thu Sep 24 17:02:19 GMT 1998 PICS End Flat

Thu Sep 24 17:02:49 GMT 1998 CHIP Bias

Thu Sep 24 17:03:50 GMT 1998 CHIP End Bias

Thu Sep 24 17:04:00 GMT 1998 CHIP Water

Thu Sep 24 17:04:42 GMT 1998 CHIP End Water

PSPT PROBLEM : Thu Sep 24 17:11:18 GMT 1998

Active mirror OK at startup. Will be watching performance.

Thu Sep 24 18:00:36 GMT 1998 PICS Flat

Thu Sep 24 18:01:51 GMT 1998 CHIP Bias

Thu Sep 24 18:03:02 GMT 1998 CHIP End Bias

Thu Sep 24 18:03:12 GMT 1998 CHIP Water

PSPT PROBLEM : Thu Sep 24 18:03:55 GMT 1998

Active mirror OK at start of 1800 obs.

Thu Sep 24 18:04:04 GMT 1998 CHIP End Water

Thu Sep 24 19:00:35 GMT 1998 PICS Flat

Thu Sep 24 19:01:58 GMT 1998 CHIP Bias

Thu Sep 24 19:01:58 GMT 1998 CHIP Bias

Thu Sep 24 19:02:55 GMT 1998 CHIP End Bias

Thu Sep 24 19:03:09 GMT 1998 CHIP Water

Thu Sep 24 19:03:56 GMT 1998 CHIP End Water

COMMENT: Thu Sep 24 19:09:59 GMT 1998

Stopping to reconfigure dome shutter.

Thu Sep 24 19:10:19 GMT 1998 PICS End Patrol

Thu Sep 24 19:10:32 GMT 1998 CHIP CHIP End Patrol

PSPT PROBLEM : Thu Sep 24 19:10:43 GMT 1998

Active mirror OK at start of 1900 obs.

Thu Sep 24 19:16:29 GMT 1998 MKIII Start Patrol

Thu Sep 24 19:17:01 GMT 1998 PICS Start Patrol

Thu Sep 24 19:17:01 GMT 1998 PICS Start Patrol

Thu Sep 24 20:00:36 GMT 1998 PICS Flat

Thu Sep 24 20:02:07 GMT 1998 PICS End Flat

Thu Sep 24 20:02:52 GMT 1998 CHIP Gain

PSPT PROBLEM : Thu Sep 24 20:05:45 GMT 1998

Active mirror OK at start of 2000 cal/obs.

Thu Sep 24 20:07:28 GMT 1998 CHIP End Gain

Thu Sep 24 20:07:38 GMT 1998 CHIP Bias
Thu Sep 24 20:08:28 GMT 1998 CHIP End Bias
Thu Sep 24 20:08:38 GMT 1998 CHIP Water
Thu Sep 24 20:09:13 GMT 1998 CHIP End Water
PSPT PROBLEM:
PSPT is running thru a cal sequence and I can see the active mirror error signal doing a lazy oscillation between +/- 30 mV at around a 2/sec freq.
sequence is running without indication of an active mirror lock problem, but the images look soft.
Thu Sep 24 21:00:53 GMT 1998 PICS Flat
Thu Sep 24 21:00:51 GMT 1998 CHIP Bias
Thu Sep 24 21:01:48 GMT 1998 CHIP End Bias
Thu Sep 24 21:02:01 GMT 1998 CHIP Water
Thu Sep 24 21:02:28 GMT 1998 PICS End Flat
Thu Sep 24 21:02:47 GMT 1998 CHIP End Water
PSPT PROBLEM:
Mirror is oscillating as PSPT attempts to start up 2100 obs.
PICS COMMENT:
PICS was domed out. Moved dome slot and engaged automatic rotator.
PSPT PROBLEM:
Aborting PSPT obs for the day. PSPT requesting tape backup. Trying it with a new Fuji tape. Last time, data did not write to tape, may have been a density problem.
PSPT PROBLEM:
Clarification... write failure occurred with a new Fuji tape. Write was successful onto the white Quantum tape.
WEATHER COMMENT:
Orographic clouds making their way upslope, sky getting noisy.
Thu Sep 24 22:00:48 GMT 1998 PICS Flat
Thu Sep 24 22:02:18 GMT 1998 PICS End Flat
Thu Sep 24 22:02:49 GMT 1998 CHIP Bias
Thu Sep 24 22:03:46 GMT 1998 CHIP End Bias
Thu Sep 24 22:04:00 GMT 1998 CHIP Water
WEATHER COMMENT:
In orographic clouds.
Thu Sep 24 22:04:48 GMT 1998 CHIP End Water
Thu Sep 24 22:06:33 GMT 1998 PICS End Patrol
Thu Sep 24 22:08:33 GMT 1998 CHIP CHIP End Patrol
Thu Sep 24 22:09:03 GMT 1998 CHIP ending tape
COMMENT:
Tapes:
PICS: P01302
CHIP: C00699
LOWL: L00544
Thu Sep 24 22:10:27 GMT 1998
MkIII

16_44.rawmk3	17_49.rawmk3	19_03.rawmk3	20_12.rawmk3	21_16.rawmk3
16_47.rawmk3	17_52.rawmk3	19_06.rawmk3	20_15.rawmk3	21_19.rawmk3
16_50.rawmk3	17_54.rawmk3	19_09.rawmk3	20_17.rawmk3	21_22.rawmk3
16_53.rawmk3	17_57.rawmk3	19_16.rawmk3	20_20.rawmk3	21_25.rawmk3
16_56.rawmk3	18_00.rawmk3	19_19.rawmk3	20_23.rawmk3	21_28.rawmk3
16_59.rawmk3	18_03.rawmk3	19_22.rawmk3	20_26.rawmk3	21_31.rawmk3
17_02.rawmk3	18_09.rawmk3	19_25.rawmk3	20_29.rawmk3	21_33.rawmk3
17_05.rawmk3	18_15.rawmk3	19_28.rawmk3	20_32.rawmk3	21_36.rawmk3
17_08.rawmk3	18_22.rawmk3	19_31.rawmk3	20_35.rawmk3	21_39.rawmk3
17_11.rawmk3	18_25.rawmk3	19_34.rawmk3	20_38.rawmk3	21_42.rawmk3
17_14.rawmk3	18_28.rawmk3	19_37.rawmk3	20_41.rawmk3	21_45.rawmk3
17_16.rawmk3	18_31.rawmk3	19_39.rawmk3	20_44.rawmk3	21_48.rawmk3
17_19.rawmk3	18_33.rawmk3	19_42.rawmk3	20_47.rawmk3	21_51.rawmk3
17_22.rawmk3	18_36.rawmk3	19_45.rawmk3	20_50.rawmk3	21_54.rawmk3
17_25.rawmk3	18_39.rawmk3	19_48.rawmk3	20_53.rawmk3	21_57.rawmk3
17_28.rawmk3	18_42.rawmk3	19_51.rawmk3	20_55.rawmk3	22_00.rawmk3
17_31.rawmk3	18_45.rawmk3	19_54.rawmk3	20_58.rawmk3	22_03.rawmk3
17_34.rawmk3	18_48.rawmk3	19_57.rawmk3	21_01.rawmk3	c18_06.rawmk3
17_37.rawmk3	18_51.rawmk3	20_00.rawmk3	21_04.rawmk3	c18_12.rawmk3
17_40.rawmk3	18_54.rawmk3	20_03.rawmk3	21_07.rawmk3	c18_18.rawmk3
17_43.rawmk3	18_57.rawmk3	20_06.rawmk3	21_10.rawmk3	
17_46.rawmk3	19_00.rawmk3	20_09.rawmk3	21_13.rawmk3	