
Mauna Loa Solar Observatory Observer's Log

Tue Dec 16 17:14:48 GMT 1997

Year: 97 Doy: 350

Observer: yasukawa

WEATHER COMMENT: Tue Dec 16 17:15:22 GMT 1997

Cool, clear, light south wind.

Tue Dec 16 17:19:29 GMT 1997 CHIP Startup--Initializing new tape

PSPT COMMENT: Tue Dec 16 17:21:13 GMT 1997

Camera controller pilot light out. I can hear stuff running inside so I think it is only a lamp failure.

Tue Dec 16 17:22:46 GMT 1997 CHIP CHIP Start Patrol

Tue Dec 16 17:23:03 GMT 1997 PICS Start Patrol

Tue Dec 16 17:28:53 GMT 1997 MKIII Start Patrol

PSPT COMMENT: Tue Dec 16 17:30:48 GMT 1997

Guider not acquiring sun, will wait a bit and try again. May be too early.

PSPT COMMENT: Tue Dec 16 17:40:49 GMT 1997

OK, guider acquired sun this time, first image looks good.

MKIII COMMENT: Tue Dec 16 17:45:50 GMT 1997

*** recycling H01701 ***

MKIII COMMENT: Tue Dec 16 17:51:05 GMT 1997

Stopping to check on problems reported by Donna.

Tue Dec 16 18:01:01 GMT 1997 PICS Flat

Tue Dec 16 18:02:03 GMT 1997 CHIP Bias

Tue Dec 16 18:02:28 GMT 1997 PICS End Flat

Tue Dec 16 18:03:03 GMT 1997 CHIP End Bias

Tue Dec 16 18:03:13 GMT 1997 CHIP Water

Tue Dec 16 18:03:56 GMT 1997 CHIP End Water

MKIII COMMENT: Tue Dec 16 18:05:22 GMT 1997

I did find that the shutter does not always go all the way in, thus the light leak in the dark scans. This is intermittent. We will have to tighten up the shutter on the drive shaft on a cloudy day.

Also wiped the O1 with a lens tissue and blew off all the dust in response to Donna's assessment that the lens might be dirty. Things might get worse before it gets better. Smudges and dust that wouldn't blow off are gone, but lens is somewhat attractive to dust for now and ambient dust may "stick" until static diminishes.

Tue Dec 16 18:10:37 GMT 1997 MKIII Start Patrol

COMMENT: Tue Dec 16 18:41:55 GMT 1997

Going down to GONG to do weekly preventive maintenance.

Tue Dec 16 19:02:09 GMT 1997 CHIP Bias

Tue Dec 16 19:02:09 GMT 1997 CHIP Bias

Tue Dec 16 19:03:24 GMT 1997 CHIP End Bias

Tue Dec 16 19:03:33 GMT 1997 CHIP Water
Tue Dec 16 19:03:44 GMT 1997 PICS End Flat
Tue Dec 16 19:04:18 GMT 1997 CHIP End Water

COMMENT: Tue Dec 16 19:05:59 GMT 1997
Back from GONG.

PICS COMMENT: Tue Dec 16 19:15:25 GMT 1997
Stopping PICS to troubleshoot the polarizer.

Tue Dec 16 19:45:06 GMT 1997 PICS Start Patrol
PSPT COMMENT: Tue Dec 16 19:45:18 GMT 1997
Running a manual calibration to get around a bug Haosheng found that
doesn't run a 2000 UT calibration as planned.

PICS COMMENT: Tue Dec 16 19:52:34 GMT 1997
Ybox drivers OK. Swap drove filter wheel.

Tue Dec 16 20:02:15 GMT 1997 PICS Flat
Tue Dec 16 20:03:52 GMT 1997 PICS End Flat

COMMENT: Tue Dec 16 20:05:01 GMT 1997
A fine time... declination reset itself. Repointed spar and reset guider.

Tue Dec 16 20:09:19 GMT 1997 PICS End Patrol
PICS COMMENT: Tue Dec 16 20:10:45 GMT 1997

Stopped to do more troubleshooting with polarizer wheel.

Tue Dec 16 21:14:22 GMT 1997 PICS Start Patrol

CHIP COMMENT: Tue Dec 16 21:15:02 GMT 1997

CHIP crashed at 1920, I think, due to PICS bashing, most likely.
Killed, re-Run.

PICS COMMENT: Tue Dec 16 21:17:09 GMT 1997

Found that polarization wheel motor does run when commanded to do so
using hand-held terminal upstairs. All encoders working.

Need to decide whether to go ahead and work on motor linkage
in situ, or go ahead and remove the assembly, which may take a lot
of down time, or wait for a cloudy day.

Tue Dec 16 21:23:06 GMT 1997 CHIP Bias
Tue Dec 16 21:24:03 GMT 1997 CHIP End Bias
Tue Dec 16 21:24:13 GMT 1997 CHIP Water
Tue Dec 16 21:25:00 GMT 1997 CHIP End Water

MKIII COMMENT: Tue Dec 16 21:32:05 GMT 1997

MKIII images a bit wild as I was doing some heavy leaning and
pushing on the spar removing PICS covers.

PSPT COMMENT: Tue Dec 16 21:48:09 GMT 1997

Not sure whether timing is off due to manual calibration, but it sure took a ltime to complete its scan. Stopped it for t
he day and brushed off
its dusty prefilter.

Tue Dec 16 22:01:13 GMT 1997 PICS Flat
Tue Dec 16 22:02:08 GMT 1997 CHIP Bias
Tue Dec 16 22:02:37 GMT 1997 PICS End Flat
Tue Dec 16 22:03:27 GMT 1997 CHIP Bias
Tue Dec 16 22:04:27 GMT 1997 CHIP End Bias
Tue Dec 16 22:04:37 GMT 1997 CHIP Water

Tue Dec 16 22:05:31 GMT 1997 CHIP End Water
Tue Dec 16 22:07:44 GMT 1997 CHIP End Bias
Tue Dec 16 22:07:54 GMT 1997 CHIP Water
Tue Dec 16 22:08:34 GMT 1997 PICS End Patrol
Tue Dec 16 22:08:41 GMT 1997 CHIP CHIP End Patrol
Tue Dec 16 22:09:13 GMT 1997 CHIP ending tape
COMMENT: Tue Dec 16 22:09:47 GMT 1997

Tapes:

MKIII: H01702

PICS: P01063

CHIP: C00449

LOWL: L00487

Tue Dec 16 22:13:26 GMT 1997 CHIP End Water

Tue Dec 16 22:14:47 GMT 1997

MkIII

17_28.rawmk3	18_50.rawmk3	19_42.rawmk3	20_35.rawmk3	21_28.rawmk3
17_32.rawmk3	18_53.rawmk3	19_45.rawmk3	20_38.rawmk3	21_31.rawmk3
17_35.rawmk3	18_56.rawmk3	19_48.rawmk3	20_41.rawmk3	21_33.rawmk3
17_37.rawmk3	18_59.rawmk3	19_51.rawmk3	20_44.rawmk3	21_36.rawmk3
17_40.rawmk3	19_01.rawmk3	19_54.rawmk3	20_47.rawmk3	21_39.rawmk3
17_43.rawmk3	19_04.rawmk3	19_57.rawmk3	20_50.rawmk3	21_42.rawmk3
17_46.rawmk3	19_07.rawmk3	20_00.rawmk3	20_53.rawmk3	21_45.rawmk3
17_49.rawmk3	19_10.rawmk3	20_03.rawmk3	20_55.rawmk3	21_48.rawmk3
18_10.rawmk3	19_13.rawmk3	20_06.rawmk3	20_58.rawmk3	21_51.rawmk3
18_13.rawmk3	19_16.rawmk3	20_09.rawmk3	21_01.rawmk3	21_54.rawmk3
18_16.rawmk3	19_19.rawmk3	20_12.rawmk3	21_04.rawmk3	21_57.rawmk3
18_19.rawmk3	19_22.rawmk3	20_15.rawmk3	21_07.rawmk3	22_00.rawmk3
18_25.rawmk3	19_25.rawmk3	20_17.rawmk3	21_10.rawmk3	22_03.rawmk3
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18_38.rawmk3	19_31.rawmk3	20_23.rawmk3	21_16.rawmk3	22_09.rawmk3
18_41.rawmk3	19_34.rawmk3	20_26.rawmk3	21_19.rawmk3	c18_22.rawmk3
18_44.rawmk3	19_37.rawmk3	20_29.rawmk3	21_22.rawmk3	c18_28.rawmk3
18_47.rawmk3	19_39.rawmk3	20_32.rawmk3	21_25.rawmk3	c18_35.rawmk3