
Mauna Loa Solar Observatory Observer's Log

Thu Oct 29 16:47:15 GMT 1998

Year: 98 Doy: 302

Observer: koon

WEATHER COMMENT: Thu Oct 29 16:47:44 GMT 1998

Clear sky, wind=15-20 mph from the SE, temp=44 F.

Thu Oct 29 16:48:42 GMT 1998 CHIP Startup--Initializing new tape

Thu Oct 29 16:51:56 GMT 1998 MKIII Start Patrol

Thu Oct 29 16:52:08 GMT 1998 CHIP CHIP Start Patrol

Thu Oct 29 16:52:08 GMT 1998 CHIP CHIP Start Patrol

Thu Oct 29 17:01:51 GMT 1998 CHIP Bias

Thu Oct 29 17:02:32 GMT 1998 PICS Flat

Thu Oct 29 17:02:51 GMT 1998 CHIP End Bias

Thu Oct 29 17:03:01 GMT 1998 CHIP Water

Thu Oct 29 17:03:40 GMT 1998 CHIP End Water

Thu Oct 29 17:04:02 GMT 1998 PICS End Flat

MKIV COMMENT: Thu Oct 29 17:15:21 GMT 1998

Testing new comment header.

MKIV PROBLEM : Thu Oct 29 17:15:50 GMT 1998

Testing new comment header.

MKIV COMMENT: Thu Oct 29 17:19:37 GMT 1998

The scans are looking very good now that the telescope sees above the bottom of the slot. I loaded a tape into the Nahenahe tape drive so that Alice can do some testing on putting MKIV data on tape for mailing. Right now the bandwidth available to MLSO is too small to allow sending data files via the Internet.

MKIV COMMENT: Thu Oct 29 17:46:35 GMT 1998

Low prominences are visible around PA=160 and PA=260 with MKIV but not with MKIII.

Thu Oct 29 18:00:49 GMT 1998 CHIP Bias

Thu Oct 29 18:01:47 GMT 1998 CHIP End Bias

Thu Oct 29 18:01:59 GMT 1998 CHIP Water

Thu Oct 29 18:02:27 GMT 1998 PICS Flat

Thu Oct 29 18:02:37 GMT 1998 CHIP End Water

Thu Oct 29 18:03:56 GMT 1998 PICS End Flat

Thu Oct 29 18:10:31 GMT 1998 MKIII Start Cal

Thu Oct 29 18:30:54 GMT 1998 MKIII Start Patrol

Thu Oct 29 18:44:00 GMT 1998 MKIII Start Correct

Thu Oct 29 18:45:45 GMT 1998 MKIII End Correct

Thu Oct 29 18:46:35 GMT 1998 MKIII Start Correct

Thu Oct 29 18:49:56 GMT 1998 MKIII End Correct

Thu Oct 29 18:50:34 GMT 1998 MKIII Start Patrol

Thu Oct 29 18:57:14 GMT 1998 MKIII Start Cal

Thu Oct 29 19:02:31 GMT 1998 PICS Flat

Thu Oct 29 19:02:57 GMT 1998 CHIP Bias

Thu Oct 29 19:04:03 GMT 1998 PICS End Flat

Thu Oct 29 19:04:03 GMT 1998 PICS End Flat
Thu Oct 29 19:04:14 GMT 1998 CHIP Water
Thu Oct 29 19:05:01 GMT 1998 CHIP End Water

MKIV COMMENT: Thu Oct 29 19:07:23 GMT 1998

Did a Correct, now doing a new calibration.

MKIII COMMENT: Thu Oct 29 19:08:00 GMT 1998

Did a Correct, now doing a new calibration.

Thu Oct 29 19:17:40 GMT 1998 MKIII Start Patrol
Thu Oct 29 19:37:17 GMT 1998 MKIII End Patrol
Thu Oct 29 19:43:18 GMT 1998 MKIII Start Patrol
Thu Oct 29 19:49:50 GMT 1998 MKIII End Patrol
Thu Oct 29 19:56:17 GMT 1998 MKIII Start Patrol
Thu Oct 29 20:02:33 GMT 1998 PICS Flat
Thu Oct 29 20:02:52 GMT 1998 CHIP Gain
Thu Oct 29 20:04:26 GMT 1998 PICS End Flat
Thu Oct 29 20:07:40 GMT 1998 CHIP End Gain
Thu Oct 29 20:07:50 GMT 1998 CHIP Bias
Thu Oct 29 20:08:39 GMT 1998 CHIP End Bias
Thu Oct 29 20:08:49 GMT 1998 CHIP Water
Thu Oct 29 20:09:24 GMT 1998 CHIP End Water

MKIV COMMENT: Thu Oct 29 20:29:56 GMT 1998

Alice is working on the tape/data routine. I just popped out a data tape for DOY 301 and installed a new tape for DOY 302.

Thu Oct 29 21:00:47 GMT 1998 CHIP Bias
Thu Oct 29 21:01:40 GMT 1998 CHIP End Bias
Thu Oct 29 21:01:56 GMT 1998 CHIP Water
Thu Oct 29 21:02:35 GMT 1998 PICS Flat
Thu Oct 29 21:02:41 GMT 1998 CHIP End Water
Thu Oct 29 21:04:06 GMT 1998 PICS End Flat
Thu Oct 29 22:02:36 GMT 1998 PICS Flat
Thu Oct 29 22:02:50 GMT 1998 CHIP Bias
Thu Oct 29 22:03:49 GMT 1998 CHIP End Bias
Thu Oct 29 22:04:06 GMT 1998 PICS End Flat
Thu Oct 29 22:04:06 GMT 1998 PICS End Flat
Thu Oct 29 22:04:50 GMT 1998 CHIP End Water

PSPT PROBLEM : Thu Oct 29 22:07:03 GMT 1998

Dome ran away again, it is in automatic mode and I could hear clicking in the relay box. I disconnected the computer cable from that box and manually pointed the dome back to about where it was before it moved and then plugged in the cable again. It then pointed to the correct position and stopped.

Maybe it took off in the wrong direction with this latest image series and got confused with the encoder readings, they were negative because the dome rotated a full revolution around as I watched to see if it would stop. Look on the PC for the desired dome location and point it close to that before plugging the cable back in.

Thu Oct 29 23:02:33 GMT 1998 PICS Flat
Thu Oct 29 23:02:49 GMT 1998 CHIP Bias
Thu Oct 29 23:03:51 GMT 1998 CHIP End Bias

Thu Oct 29 23:04:03 GMT 1998 PICS End Flat
Thu Oct 29 23:04:03 GMT 1998 PICS End Flat
Thu Oct 29 23:04:46 GMT 1998 CHIP End Water
COMMENT: Thu Oct 29 23:06:17 GMT 1998

TAPES:

PICS: P01330
CHIP: C00714
LOWL: L00553

11

KIV COMMENT: Thu Oct 29 23:26:07 GMT 1998

The tape in the nahenahe drive needs to be removed tomorrow to be sent in the mail.

Fri Oct 30 00:02:36 GMT 1998 PICS Flat
Fri Oct 30 00:02:48 GMT 1998 CHIP Bias
Fri Oct 30 00:03:42 GMT 1998 CHIP End Bias
Fri Oct 30 00:03:52 GMT 1998 CHIP Water
Fri Oct 30 00:04:06 GMT 1998 PICS End Flat
Fri Oct 30 00:04:31 GMT 1998 CHIP End Water
Fri Oct 30 01:01:48 GMT 1998 CHIP Bias
Fri Oct 30 01:02:35 GMT 1998 PICS Flat
Fri Oct 30 01:02:42 GMT 1998 CHIP End Bias
Fri Oct 30 01:02:52 GMT 1998 CHIP Water
Fri Oct 30 01:03:55 GMT 1998 CHIP End Water
Fri Oct 30 01:04:03 GMT 1998 PICS End Flat
Fri Oct 30 01:05:23 GMT 1998 MKIII End Patrol

WEATHER COMMENT: Fri Oct 30 01:05:28 GMT 1998

Cu closed in from the Northwest, shutting down.

We tried to get a CME.

Fri Oct 30 01:06:32 GMT 1998 PICS End Patrol
Fri Oct 30 01:07:44 GMT 1998 CHIP CHIP End Patrol
Fri Oct 30 01:10:21 GMT 1998

MkIII

00_01.rawmk3	17_24.rawmk3	19_27.rawmk3	21_14.rawmk3	22_49.rawmk3
00_04.rawmk3	17_28.rawmk3	19_30.rawmk3	21_18.rawmk3	22_52.rawmk3
00_07.rawmk3	17_31.rawmk3	19_34.rawmk3	21_21.rawmk3	22_56.rawmk3
00_11.rawmk3	17_34.rawmk3	19_43.rawmk3	21_24.rawmk3	22_59.rawmk3
00_14.rawmk3	17_37.rawmk3	19_46.rawmk3	21_27.rawmk3	23_02.rawmk3
00_17.rawmk3	17_41.rawmk3	19_56.rawmk3	21_31.rawmk3	23_05.rawmk3
00_20.rawmk3	17_44.rawmk3	19_59.rawmk3	21_34.rawmk3	23_09.rawmk3

00_24.rawmk3	17_47.rawmk3	20_03.rawmk3	21_37.rawmk3	23_12.rawmk3
00_27.rawmk3	17_51.rawmk3	20_06.rawmk3	21_40.rawmk3	23_15.rawmk3
00_30.rawmk3	17_54.rawmk3	20_09.rawmk3	21_44.rawmk3	23_18.rawmk3
00_34.rawmk3	17_57.rawmk3	20_12.rawmk3	21_47.rawmk3	23_22.rawmk3
00_37.rawmk3	18_00.rawmk3	20_16.rawmk3	21_50.rawmk3	23_25.rawmk3
00_40.rawmk3	18_04.rawmk3	20_19.rawmk3	21_54.rawmk3	23_28.rawmk3
00_43.rawmk3	18_07.rawmk3	20_22.rawmk3	21_57.rawmk3	23_31.rawmk3
00_47.rawmk3	18_14.rawmk3	20_25.rawmk3	22_00.rawmk3	23_35.rawmk3
00_50.rawmk3	18_20.rawmk3	20_29.rawmk3	22_03.rawmk3	23_38.rawmk3
00_53.rawmk3	18_27.rawmk3	20_32.rawmk3	22_07.rawmk3	23_41.rawmk3
00_56.rawmk3	18_31.rawmk3	20_35.rawmk3	22_10.rawmk3	23_45.rawmk3
01_00.rawmk3	18_34.rawmk3	20_38.rawmk3	22_13.rawmk3	23_48.rawmk3
16_52.rawmk3	18_37.rawmk3	20_42.rawmk3	22_16.rawmk3	23_51.rawmk3
16_55.rawmk3	18_40.rawmk3	20_45.rawmk3	22_20.rawmk3	23_54.rawmk3
16_58.rawmk3	18_50.rawmk3	20_48.rawmk3	22_23.rawmk3	23_58.rawmk3
17_02.rawmk3	18_54.rawmk3	20_52.rawmk3	22_26.rawmk3	c18_10.rawmk3
17_05.rawmk3	19_00.rawmk3	20_55.rawmk3	22_29.rawmk3	c18_17.rawmk3
17_08.rawmk3	19_07.rawmk3	20_58.rawmk3	22_33.rawmk3	c18_24.rawmk3
17_11.rawmk3	19_14.rawmk3	21_01.rawmk3	22_36.rawmk3	c18_57.rawmk3
17_15.rawmk3	19_17.rawmk3	21_05.rawmk3	22_39.rawmk3	c19_04.rawmk3
17_18.rawmk3	19_21.rawmk3	21_08.rawmk3	22_42.rawmk3	c19_10.rawmk3
17_21.rawmk3	19_24.rawmk3	21_11.rawmk3	22_46.rawmk3	