
Mauna Loa Solar Observatory Observer's Log

Thu Aug 30 16:55:02 GMT 2001

Year: 01 Doy: 242

Observer: koon

WEATHER COMMENT: Thu Aug 30 16:55:03 GMT 2001

Clear sky, wind=25 mph from the South, temp=44 F.

Thu Aug 30 16:58:09 GMT 2001 MKIV Start Patrol
Thu Aug 30 16:58:16 GMT 2001 CHIP Start Patrol
Thu Aug 30 16:58:26 GMT 2001 PICS Start Patrol
Thu Aug 30 17:00:40 GMT 2001 CHIP LSD
Thu Aug 30 17:02:52 GMT 2001 CHIP End LSD
Thu Aug 30 17:03:04 GMT 2001 CHIP BiasLSD
Thu Aug 30 17:03:47 GMT 2001 CHIP End BiasLSD
Thu Aug 30 17:03:56 GMT 2001 CHIP Bias
Thu Aug 30 17:04:40 GMT 2001 CHIP End Bias

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Thu Aug 30 17:07:26 GMT 2001

Thu Aug 30 18:00:11 GMT 2001 CHIP LSD
Thu Aug 30 18:02:24 GMT 2001 CHIP End LSD
Thu Aug 30 18:02:38 GMT 2001 CHIP BiasLSD
Thu Aug 30 18:03:24 GMT 2001 CHIP End BiasLSD
Thu Aug 30 18:03:33 GMT 2001 CHIP Bias
Thu Aug 30 18:03:45 GMT 2001 PICS Flat
Thu Aug 30 18:04:18 GMT 2001 CHIP End Bias
Thu Aug 30 18:06:59 GMT 2001 PICS End Flat
Thu Aug 30 18:15:53 GMT 2001 MKIV End Patrol
Thu Aug 30 18:16:04 GMT 2001 MKIV Start Cal

GONG PROBLEM Thu Aug 30 18:33:49 GMT 2001

Charlie Garcia just called. He is working on the construction project for NOAA. They may have damaged some cables that go to GONG shelter. I'll check that out when I go down there to work on the waveplate PLL board.

Thu Aug 30 18:34:48 GMT 2001 MKIV End Cal
Thu Aug 30 18:34:59 GMT 2001 MKIV Start Patrol
Thu Aug 30 19:03:05 GMT 2001 CHIP LSD
Thu Aug 30 19:05:20 GMT 2001 CHIP End LSD
Thu Aug 30 19:05:34 GMT 2001 CHIP BiasLSD
Thu Aug 30 19:06:23 GMT 2001 CHIP End BiasLSD
Thu Aug 30 19:06:42 GMT 2001 CHIP Bias
Thu Aug 30 19:07:29 GMT 2001 CHIP End Bias

COMMENT: Thu Aug 30 19:32:21 GMT 2001

Extended the dome slot.

GONG COMMENT: Thu Aug 30 19:38:40 GMT 2001

Heading down to shelter to work on waveplate and do a construction damage assessment.

Thu Aug 30 20:03:13 GMT 2001 CHIP LSD
Thu Aug 30 20:05:26 GMT 2001 CHIP End LSD
Thu Aug 30 20:05:38 GMT 2001 CHIP BiasLSD

Thu Aug 30 20:06:21 GMT 2001 CHIP End BiasLSD
Thu Aug 30 20:06:34 GMT 2001 CHIP Bias
Thu Aug 30 20:07:24 GMT 2001 CHIP End Bias

GONG PROBLEM : Thu Aug 30 20:26:18 GMT 2001

Back from shelter. I swapped the old waveplate PLL board with a new one, so far all is well. I checked the construction damage, this will involve NOAA and the construction crew mostly since we don't maintain the cables outside of the shelter. Down near the new foundation they broke the phone cable and a FO cable (so the network is down for now), they also partially pulled up the power cables that Charlie thinks goes to GONG, but power to GONG hasn't been interrupted. NOAA knows about this according to Charlie, so they'll fix the problems possibly tomorrow. I asked them to let us know when they work on the power cables since the shelter will probably have to do without power for a while when that happens, Charlie agreed and said they might fix it tomorrow. For now there is no phone or network service to the GONG shelter.

Thu Aug 30 21:00:05 GMT 2001 CHIP LSD
Thu Aug 30 21:02:26 GMT 2001 CHIP End LSD
Thu Aug 30 21:02:35 GMT 2001 CHIP BiasLSD
Thu Aug 30 21:03:18 GMT 2001 CHIP End BiasLSD
Thu Aug 30 21:03:26 GMT 2001 CHIP Bias
Thu Aug 30 21:04:08 GMT 2001 CHIP End Bias

GONG PROBLEM : Thu Aug 30 21:07:43 GMT 2001

Charlie just called and said NOAA is cutting power, I'm going down to see what's going on.

GONG PROBLEM : Thu Aug 30 21:20:27 GMT 2001

Lots of miscommunication going on. So far the power is still on. Bob is coming up from Hilo to shut it down and possibly reroute the cables. Charlie didn't label anything so there is a lot of confusion as to what cable goes where and what breaker serves the cables that were damaged. Probably the safest thing to do is to shut down the instrument and see if those cables serve the shelter and if so we'll have to leave the power off until NOAA can finish things, they don't know how long it will take at this time.

Thu Aug 30 21:56:32 GMT 2001 PICS End Patrol
Thu Aug 30 21:57:13 GMT 2001 CHIP End Patrol

GONG PROBLEM : Thu Aug 30 22:06:55 GMT 2001

I will now go down to the GONG shelter and shutdown the instrument according to the "Non Emergency Shutdown" procedure, so that NOAA can hopefully fix the damaged cables this afternoon. I'll ask them to let us know when we can bring the instrument back up again.

Thu Aug 30 22:12:19 GMT 2001

MkIV

| | | | | |
|--------------|--------------|--------------|--------------|--------------|
| 16_58.rawmk4 | 18_00.rawmk4 | 19_10.rawmk4 | 20_09.rawmk4 | 21_12.rawmk4 |
| 17_04.rawmk4 | 18_03.rawmk4 | 19_13.rawmk4 | 20_12.rawmk4 | 21_15.rawmk4 |
| 17_07.rawmk4 | 18_06.rawmk4 | 19_16.rawmk4 | 20_15.rawmk4 | 21_18.rawmk4 |
| 17_10.rawmk4 | 18_09.rawmk4 | 19_19.rawmk4 | 20_18.rawmk4 | 21_21.rawmk4 |
| 17_13.rawmk4 | 18_12.rawmk4 | 19_22.rawmk4 | 20_21.rawmk4 | 21_24.rawmk4 |
| 17_16.rawmk4 | 18_19.rawmk4 | 19_25.rawmk4 | 20_24.rawmk4 | 21_26.rawmk4 |
| 17_19.rawmk4 | 18_25.rawmk4 | 19_28.rawmk4 | 20_27.rawmk4 | 21_29.rawmk4 |

| | | | | |
|--------------|--------------|--------------|--------------|---------------|
| 17_22.rawmk4 | 18_31.rawmk4 | 19_31.rawmk4 | 20_30.rawmk4 | 21_32.rawmk4 |
| 17_25.rawmk4 | 18_34.rawmk4 | 19_34.rawmk4 | 20_33.rawmk4 | 21_35.rawmk4 |
| 17_28.rawmk4 | 18_37.rawmk4 | 19_37.rawmk4 | 20_36.rawmk4 | 21_38.rawmk4 |
| 17_31.rawmk4 | 18_40.rawmk4 | 19_40.rawmk4 | 20_39.rawmk4 | 21_44.rawmk4 |
| 17_34.rawmk4 | 18_43.rawmk4 | 19_43.rawmk4 | 20_41.rawmk4 | 21_48.rawmk4 |
| 17_37.rawmk4 | 18_46.rawmk4 | 19_46.rawmk4 | 20_44.rawmk4 | 21_51.rawmk4 |
| 17_40.rawmk4 | 18_49.rawmk4 | 19_49.rawmk4 | 20_47.rawmk4 | 21_54.rawmk4 |
| 17_43.rawmk4 | 18_52.rawmk4 | 19_51.rawmk4 | 20_50.rawmk4 | c18_16.rawmk4 |
| 17_46.rawmk4 | 18_55.rawmk4 | 19_54.rawmk4 | 20_53.rawmk4 | c18_22.rawmk4 |
| 17_49.rawmk4 | 18_58.rawmk4 | 19_57.rawmk4 | 20_56.rawmk4 | c18_28.rawmk4 |
| 17_52.rawmk4 | 19_01.rawmk4 | 20_00.rawmk4 | 21_02.rawmk4 | |
| 17_55.rawmk4 | 19_04.rawmk4 | 20_03.rawmk4 | 21_06.rawmk4 | |
| 17_57.rawmk4 | 19_07.rawmk4 | 20_06.rawmk4 | 21_09.rawmk4 | |