
Mauna Loa Solar Observatory Observer's Log

Tue Oct 14 16:56:09 GMT 2003

Year: 03 Doy: 287

Observer: koon

WEATHER COMMENT: Tue Oct 14 16:59:40 GMT 2003

Medium cirrostratus, wind=5 mph from the SE, temp=50 F.

Tue Oct 14 17:11:35 GMT 2003 CHIP Start Patrol

Tue Oct 14 17:11:50 GMT 2003 PICS Start Patrol

MLSO PROBLEM : Tue Oct 14 17:01:48 GMT 2003

Network problem exists, Bunny called and said she can't Ping our network router. It may be related to a power outage that apparently happened up here sometime since yesterday. I've been checking things with Bunny and haven't finished starting the instruments yet, but it is fairly cloudy anyway.

COMMENT: Tue Oct 14 17:14:03 GMT 2003

Spar is tracking, starting most instruments.

MLSO PROBLEM : Tue Oct 14 17:19:05 GMT 2003

I cycled power to our router. I can't Ping our DNS IP addresses, that indicates that I can't get past our router to the Internet. I see the red ALM is lit on the Verizon demarcation box, normally this isn't lit, but it was lit until we got our new T1 link working last time. I think Verizon had to do something to the circuit to get it cleared last time, but I'll see if there is any way to clear it from here.

MLSO PROBLEM : Tue Oct 14 17:37:44 GMT 2003

Data transfers finished OK at around 2am HST, so power outage must have been after that. I can't clear the red ALM LED, either Verizon needs to clear the circuit or we need to change something in the Router. I can't get ahold of Bunny right now but I left phone messages for her.

MLSO PROBLEM : Tue Oct 14 17:46:43 GMT 2003

Talked to Bunny, she'll check with Verizon. I asked her to give us the info we would need to have Verizon fix this problem if it happened when she isn't around to help us.

Tue Oct 14 17:48:55 GMT 2003 MKIV Start Patrol

Tue Oct 14 18:02:18 GMT 2003 PICS Flat

Tue Oct 14 18:02:51 GMT 2003 CHIP LSD

Tue Oct 14 18:04:39 GMT 2003 CHIP End LSD

Tue Oct 14 18:04:42 GMT 2003 PICS End Flat

Tue Oct 14 18:04:58 GMT 2003 CHIP BiasLSD

Tue Oct 14 18:05:58 GMT 2003 CHIP End BiasLSD

Tue Oct 14 18:06:06 GMT 2003 CHIP Bias

Tue Oct 14 18:06:58 GMT 2003 CHIP End Bias

MKIV COMMENT: Tue Oct 14 18:17:00 GMT 2003

Centered occulting.

COMMENT: Tue Oct 14 18:52:08 GMT 2003

Judging from the FAX printout there was a power outage at around 11:10 pm HST last night.

MKIV COMMENT: Tue Oct 14 18:53:57 GMT 2003

Centered occulting.

Tue Oct 14 18:54:05 GMT 2003 MKIV End Patrol

Tue Oct 14 18:54:16 GMT 2003 MKIV Start Cal

MKIV PROBLEM : Tue Oct 14 18:54:23 GMT 2003

The GIF animations look bad, mostly white images with very little discernable corona, even though the sky is clear and nice at the moment.

Tue Oct 14 19:31:47 GMT 2003 CHIP Start Patrol

Tue Oct 14 19:32:08 GMT 2003 MKIV Start Patrol

Tue Oct 14 19:34:03 GMT 2003 PICS Start Patrol

MLSO PROBLEM : Tue Oct 14 19:00:11 GMT 2003

Power outage, only for about 2 seconds.

MLSO PROBLEM : Tue Oct 14 19:49:52 GMT 2003

I had cycle power to KCC and MCC to get instruments back observing after Kill/Run cycles on each.

COMMENT: Tue Oct 14 19:50:58 GMT 2003

Extended dome slot.

WEATHER COMMENT: Tue Oct 14 19:51:09 GMT 2003

Clouds are thickening.

MLSO PROBLEM : Tue Oct 14 19:51:52 GMT 2003

An interesting thing, just after the power outage I looked at the ALM LED on the Verizon box and it wasn't lit anymore, just the normal green LEDs were lit, then about 5 minutes later I looked again and the ALM LED was lit again.

Tue Oct 14 19:56:03 GMT 2003 MKIV End Patrol

Tue Oct 14 20:14:33 GMT 2003 MKIV Start Patrol

MKIV COMMENT: Tue Oct 14 20:14:50 GMT 2003

Centered occulting.

Tue Oct 14 20:56:03 GMT 2003 MKIV End Patrol

MKIV COMMENT: Tue Oct 14 20:55:47 GMT 2003

Centered occulting.

Tue Oct 14 20:56:15 GMT 2003 MKIV Start Cal

COMMENT: Tue Oct 14 21:02:37 GMT 2003

Lost guiding in dec, reset.

MKIV COMMENT: Tue Oct 14 21:03:20 GMT 2003

Second attempt at cal ruined, will try another after this one.

WEATHER COMMENT: Tue Oct 14 21:03:44 GMT 2003

Sky is nice and clear now.

MLSO PROBLEM : Tue Oct 14 21:04:04 GMT 2003

Talked to Bunny and changed some router configuration values, network is still down for now.

Tue Oct 14 21:15:00 GMT 2003 MKIV End Cal

Tue Oct 14 21:51:26 GMT 2003 MKIV Start Cal

MKIV COMMENT: Tue Oct 14 21:51:35 GMT 2003

Centered occulting. Trying 3rd attempt at a good cal.

Tue Oct 14 22:10:19 GMT 2003 MKIV End Cal

MKIV COMMENT: Tue Oct 14 22:28:55 GMT 2003

The GIF animation images look good now, ever since the last power cycling. It could be because of the clear sky too.

MLSO PROBLEM : Tue Oct 14 23:11:15 GMT 2003

Tried more things on 3 way call with Bunny and Verizon guy, they will test the line further and call me back here. Currently our router is disconnected from the Verizon Demarcation Box, the ALM LED is Red.

MLSO PROBLEM : Tue Oct 14 23:26:36 GMT 2003

On another call with 4 other Verizon guys, 2 local guys and 2 mainland guys. The connection from mainland to Hawaii is erroneously set to B8ZS and ESF but it should be set to AMI and SF, that's how it was set when it was working earlier. OK, now the mainland link set their connection correctly and we are back on the Internet. The local guy was Nelson from Hilo, the mainland guy was Tony and he can be reached at 1-800-303-7637 ext 8736 in case of this type of problem again (ALM LED red even with our router disconnected, no Internet connection with local network working correctly), our T1 circuit is identified as 12QGFS033002 (zeroes not letter O), Tony would need that info to find problem. Tony said that something was changed in the setup of our circuit recently at his end but he doesn't know why. I asked him if the correct configuration (AMI SF) was now saved for future use and he said it was, but it took quite a while for him to find how to set it, he kept telling Nelson that his side could be B8ZS ESF with Nelson's side being AMI SF, and Nelson kept telling him it couldn't be set that way - so Nelson helped point him in the right direction. Tony said we don't have a full T1 because we use 8 bit "bitstuffing", this is an unusual T1 setup, usually they deal with the full T1 connections that use B8ZS ESF protocols.

COMMENT: Wed Oct 15 00:04:17 GMT 2003

Extended the dome slot.

Wed Oct 15 00:09:10 GMT 2003 MKIV End Patrol

WEATHER COMMENT: Wed Oct 15 00:08:51 GMT 2003

Alto cumulus overcast is thickening, paused mk4.

ECHO PROBLEM : Wed Oct 15 00:15:25 GMT 2003

I forgot to mention that I stopped and restarted echosys and data taking, I couldn't see any images displayed before that, probably related to the power outages.

Wed Oct 15 01:12:49 GMT 2003 MKIV Start Patrol

MKIV COMMENT: Wed Oct 15 01:13:06 GMT 2003

Centered occulting, restarted obs.

Wed Oct 15 02:10:48 GMT 2003 CHIP End Patrol

Wed Oct 15 02:12:39 GMT 2003 MKIV End Patrol

Wed Oct 15 02:15:12 GMT 2003 PICS End Patrol

Wed Oct 15 02:22:49 GMT 2003

MkIV

00_00.rawmk4	17_52.rawmk4	19_38.rawmk4	21_54.rawmk4	23_10.rawmk4
00_02.rawmk4	17_54.rawmk4	19_41.rawmk4	22_00.rawmk4	23_13.rawmk4
00_05.rawmk4	17_57.rawmk4	19_44.rawmk4	22_06.rawmk4	23_15.rawmk4
01_12.rawmk4	18_00.rawmk4	19_46.rawmk4	22_10.rawmk4	23_18.rawmk4
01_15.rawmk4	18_03.rawmk4	19_49.rawmk4	22_14.rawmk4	23_21.rawmk4
01_18.rawmk4	18_06.rawmk4	19_52.rawmk4	22_17.rawmk4	23_24.rawmk4
01_21.rawmk4	18_09.rawmk4	20_14.rawmk4	22_20.rawmk4	23_27.rawmk4
01_24.rawmk4	18_12.rawmk4	20_17.rawmk4	22_23.rawmk4	23_30.rawmk4

01_27.rawmk4	18_15.rawmk4	20_20.rawmk4	22_26.rawmk4	23_33.rawmk4
01_30.rawmk4	18_18.rawmk4	20_23.rawmk4	22_29.rawmk4	23_36.rawmk4
01_33.rawmk4	18_21.rawmk4	20_26.rawmk4	22_31.rawmk4	23_39.rawmk4
01_39.rawmk4	18_24.rawmk4	20_29.rawmk4	22_34.rawmk4	23_42.rawmk4
01_43.rawmk4	18_27.rawmk4	20_32.rawmk4	22_37.rawmk4	23_45.rawmk4
01_45.rawmk4	18_30.rawmk4	20_35.rawmk4	22_40.rawmk4	23_48.rawmk4
01_48.rawmk4	18_33.rawmk4	20_38.rawmk4	22_43.rawmk4	23_51.rawmk4
01_51.rawmk4	18_36.rawmk4	20_41.rawmk4	22_46.rawmk4	23_54.rawmk4
01_54.rawmk4	18_39.rawmk4	20_43.rawmk4	22_49.rawmk4	23_57.rawmk4
01_57.rawmk4	18_42.rawmk4	20_46.rawmk4	22_52.rawmk4	c20_56.rawmk4
02_00.rawmk4	18_44.rawmk4	20_49.rawmk4	22_55.rawmk4	c21_02.rawmk4
02_03.rawmk4	18_47.rawmk4	20_52.rawmk4	22_58.rawmk4	c21_08.rawmk4
02_06.rawmk4	18_50.rawmk4	20_59.rawmk4	23_01.rawmk4	c21_51.rawmk4
02_09.rawmk4	19_32.rawmk4	21_05.rawmk4	23_04.rawmk4	c21_57.rawmk4
17_48.rawmk4	19_35.rawmk4	21_11.rawmk4	23_07.rawmk4	c22_03.rawmk4