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Mauna Loa Solar Observatory Observer's Log  
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Sat Aug 16 16:42:53 GMT 1997

Year: 97 Doy: 228

Observer: koon

WEATHER COMMENT: Sat Aug 16 16:42:57 GMT 1997

Clear sky, wind=10 mph from the SW, temp=38 F.

Sat Aug 16 16:43:35 GMT 1997 CHIP Startup--Initializing new tape

Sat Aug 16 16:48:42 GMT 1997 dPMon Start Patrol

Sat Aug 16 16:48:43 GMT 1997 CHIP CHIP Start Patrol

COMMENT: Sat Aug 16 16:54:24 GMT 1997

There was thunderstorms yesterday, the pan I placed just inside of the new addition where the old door was caught most of the roof leakage, I won't have to mop up as much as yesterday. I told Charlie about the roof leakage yesterday, he said he probably won't be up here until Monday. Power went out also, I reset the OCP clock, restarted the NOAA computer and the GONG terminal.

Sat Aug 16 17:00:59 GMT 1997 dPMon Flat

CHIP COMMENT: Sat Aug 16 16:59:56 GMT 1997

I restarted the cooling unit but the filter temperature is out of range and will be for an hour or so. The power outage caused the unit to shut off as usual.

Sat Aug 16 17:01:05 GMT 1997 CHIP Bias

Sat Aug 16 17:01:56 GMT 1997 dPMon End Flat

Sat Aug 16 17:01:54 GMT 1997 CHIP End Bias

Sat Aug 16 17:02:05 GMT 1997 CHIP Water

Sat Aug 16 17:02:35 GMT 1997 CHIP End Water

LOW-L COMMENT: Sat Aug 16 17:01:14 GMT 1997

Crashed yesterday at 00:53:00, probably due to a power outage related to the thunderstorms that were going on then. Head was stowed pointed down. Removed L00470 from drive #1 and installed L00472 in drive #1.

Restarted observations.

COMMENT: Sat Aug 16 17:26:34 GMT 1997

Network is down, have to use modem.

LOW-L COMMENT: Sat Aug 16 17:45:10 GMT 1997

Program stalls everytime it gets to the first "Frame Grab" after resetting or cycling power to the computer. Investigating.

COMMENT: Sat Aug 16 17:46:17 GMT 1997

Lots of Red Flags on screen, will go down to the shelter and check it out.

Sat Aug 16 18:01:02 GMT 1997 dPMon Flat

COMMENT: Sat Aug 16 17:58:20 GMT 1997

Back from GONG shelter, nothing smells burnt or looks catastrophically wrong down there, but the instrument isn't pointing at the sun. It looks like it crashed around 23:49 ut yesterday afternoon. Probably some rebooting and power cycling needs to be done. Will wait for advice from the GONG people, I just tried calling the emergency beeper to see if that works.

Sat Aug 16 18:01:55 GMT 1997 dPMon End Flat  
Sat Aug 16 18:03:04 GMT 1997 CHIP Bias  
Sat Aug 16 18:03:56 GMT 1997 CHIP End Bias  
Sat Aug 16 18:04:05 GMT 1997 CHIP Water  
Sat Aug 16 18:04:39 GMT 1997 CHIP End Water

COMMENT: Sat Aug 16 18:22:14 GMT 1997

Just got a call from Burt at GONG, he received the beeper message with our telephone number on it (emergency beeper works well), I explained the problem and he will check it out remotely.

Sat Aug 16 19:00:54 GMT 1997 dPMon Flat  
Sat Aug 16 19:01:45 GMT 1997 dPMon End Flat  
Sat Aug 16 19:02:10 GMT 1997 CHIP Bias  
Sat Aug 16 19:02:56 GMT 1997 CHIP End Bias  
Sat Aug 16 19:03:07 GMT 1997 CHIP Water  
Sat Aug 16 19:03:43 GMT 1997 CHIP End Water

COMMENT: Sat Aug 16 19:14:34 GMT 1997

Heading down to the GONG shelter again to help Dan with the troubleshooting.

Sat Aug 16 20:01:02 GMT 1997 CHIP Gain  
Sat Aug 16 20:02:59 GMT 1997 dPMon Flat  
Sat Aug 16 20:03:55 GMT 1997 dPMon End Flat  
Sat Aug 16 20:05:33 GMT 1997 CHIP End Gain  
Sat Aug 16 20:05:42 GMT 1997 CHIP Bias  
Sat Aug 16 20:06:23 GMT 1997 CHIP End Bias  
Sat Aug 16 20:06:34 GMT 1997 CHIP Water  
Sat Aug 16 20:07:01 GMT 1997 CHIP End Water

COMMENT: Sat Aug 16 20:02:09 GMT 1997

Just got back from GONG shelter. The new FED phone system is down, that is why the GONG guys can't login and check the shelter (the network is down also). So I had to use the Cellular phone to call Dan and try some things, I guess we will be getting a big phone bill next time, about 20 minutes worth of long distance on the Cellular phone. I rebooted the Data and the Instrument and the Weather computers, didn't help, still have red flags all over the display and the instrument isn't pointing. They will need to call in and check the status once the phone system is fixed, I will call in to the phone company now to have them fix the problem. Dan said the overlap from Learmont and Big Bear should prevent the loss of continuous data anyway.

COMMENT: Sat Aug 16 20:12:59 GMT 1997

Hawaiian Tel is coming up today, someone called them around 7:30 last night to report the problem. They said the lightning wrecked about a dozen "channel cards".

COMMENT: Sat Aug 16 20:19:00 GMT 1997

Extended the dome slot.

WEATHER COMMENT: Sat Aug 16 20:19:10 GMT 1997

Orographic clouds have moved in.

COMMENT: Sat Aug 16 20:35:24 GMT 1997

I haven't been able to use the modem since this morning. The telephone line that goes to the FAX and MODEM appears to be bad. Trying to use our

other telephone line for the modem, so far it doesn't work for some reason.

Sat Aug 16 21:01:12 GMT 1997 dPMon Start Patrol

DPMON COMMENT: Sat Aug 16 21:01:10 GMT 1997

Stalled with Optics:Busy, restarted with Kill/Run.

MKIII COMMENT: Sat Aug 16 21:01:37 GMT 1997

Paused due to clouds.

Sat Aug 16 21:02:16 GMT 1997 CHIP Bias

Sat Aug 16 21:03:06 GMT 1997 CHIP End Bias

Sat Aug 16 21:03:16 GMT 1997 CHIP Water

Sat Aug 16 21:03:52 GMT 1997 CHIP End Water

COMMENT: Sat Aug 16 21:15:07 GMT 1997

Stopping observations due to clouds.

Sat Aug 16 21:15:39 GMT 1997 CHIP ending tape

COMMENT: Sat Aug 16 21:29:38 GMT 1997

I can't get the modem to work, I'll have to go into the Hilo Office to send messages regarding the Lowl, etcetera.

COMMENT: Sat Aug 16 21:41:23 GMT 1997

Activity report:

QP: 93; 104; 135; 228; 243; 299.

No coronal activity.

TAPES:

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MKIII: H01620

DPMON: P00971

CHIP: C00389

LOWL: No data due to instrument problem.

SCAN-LOG

SCAN-LOG 16:51:34. 8/16/97 DOY 228

17:04:32	17:07:41	17:10:53	17:14:03	17:17:14
17:20:25	17:23:37	17:26:49	17:30:02	17:33:14
17:36:27	17:39:40	17:42:55	17:46:10	17:49:23
17:52:36	17:55:50	17:59:03	18:02:18	18:05:31
18:08:46	18:11:59	18:15:13	18:18:27	18:21:42
18:24:55	18:28:10	18:31:24	18:34:39	18:37:53
18:41:08	18:44:22	1849 0 CL	18:52:46	1858 15CL
19:03:48	19:07:48	19:11:04	19:14:28	19:17:42
19:20:59	19:24:13	19:27:28	19:30:43	19:33:58
19:37:12	19:40:28	19:43:42	19:46:58	19:50:12
19:53:28	19:56:42	19:59:58	20:03:13	20:06:33
20:09:50	20:13:08	20:16:22	20:19:38	20:22:53
20:26:09	20:29:24	20:32:40	20:35:55	20:39:11
20:42:26	20:45:42	20:48:57	20:52:14	20:55:29
20:58:45				

0 ERRORS

OK