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Mauna Loa Solar Observatory Observer's Log  
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Sun Oct 26 16:47:53 GMT 2003

Year: 03 Doy: 299

Observer: koon

Sun Oct 26 16:52:19 GMT 2003 CHIP Start Patrol

Sun Oct 26 16:52:32 GMT 2003 PICS Start Patrol

Sun Oct 26 16:53:17 GMT 2003 MKIV Start Patrol

WEATHER COMMENT: Sun Oct 26 16:47:55 GMT 2003

Clear sky, wind=5 mph from the SE, temp=47 F.

MKIV COMMENT: Sun Oct 26 17:47:06 GMT 2003

Centered occulting.

\*\*\*\* EVENT COMMENT \*\*\*\*: Sun Oct 26 17:49:21 GMT 2003

Large CME in progress at PA=270

Sun Oct 26 18:01:44 GMT 2003 CHIP LSD

Sun Oct 26 18:03:28 GMT 2003 CHIP End LSD

Sun Oct 26 18:03:37 GMT 2003 CHIP BiasLSD

Sun Oct 26 18:04:29 GMT 2003 CHIP End BiasLSD

Sun Oct 26 18:04:31 GMT 2003 PICS Flat

Sun Oct 26 18:04:44 GMT 2003 CHIP Bias

Sun Oct 26 18:05:40 GMT 2003 CHIP End Bias

Sun Oct 26 18:06:57 GMT 2003 PICS End Flat

PSPT COMMENT: Sun Oct 26 18:08:50 GMT 2003

Observing.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sun Oct 26 18:13:13 GMT 2003

COMMENT: Sun Oct 26 19:39:48 GMT 2003

A white helicopter just buzzed over close and circled, then landed at the helipad area below the GONG shelter. Some people are down at the Groundwinds building I think, and they walked toward the helicopter after it landed.

MKIV COMMENT: Sun Oct 26 19:42:10 GMT 2003

Centered occulting. The CME appears to be over so I'll do a cal next.

Sun Oct 26 19:45:14 GMT 2003 MKIV End Patrol

Sun Oct 26 19:45:23 GMT 2003 MKIV Start Cal

COMMENT: Sun Oct 26 19:43:54 GMT 2003

A big group of people just walked over to the Groundwinds building area from the helicopter. Later the helicopter left without the people.

COMMENT: Sun Oct 26 19:50:39 GMT 2003

Helicopter just returned and landed.

Sun Oct 26 20:04:09 GMT 2003 MKIV End Cal

Sun Oct 26 20:04:20 GMT 2003 MKIV Start Patrol

COMMENT: Sun Oct 26 20:45:31 GMT 2003

That helicopter keeps going back and forth between the helipad and someplace 1 or 2 miles away over the sight horizon just uphill of the 4WD road to the West of MLSO. There are 3 SUVs parked in the NOAA parking lot, a white one, a silver one and a dark one.

Sun Oct 26 21:46:23 GMT 2003 MKIV End Patrol

\*\*MLSO PROBLEM\*\* Sun Oct 26 21:46:07 GMT 2003

Earlier the Console window disappeared, then I noticed the GIF animations were slowed down on Nahenahe. I found that GIF files stopped being created after 2022 UT. Then just now the message :

Warning: Sorry, no swap space to grow stack for pid 18377 (date) appeared on the desktop. I found that /tmp is 100% full but nothing else is, I'm not sure what I can do about this.

Sun Oct 26 22:21:31 GMT 2003 MKIV Start Patrol

\*\*MLSO PROBLEM\*\* : Sun Oct 26 22:19:05 GMT 2003

This is the first entry after having to reboot Nahenahe

There was a problem earlier similar to what happened on 10/08, the cmdtool window disappeared, then the animation on Nahenahe slowed, then a message appeared on the desktop about the lack of swap space. I found that /tmp was full, the problem on 10/08 was fixed by rebooting Nahenahe which is what I also did. Before the reboot /tmp was only allocated 8 kilobytes which were filled, after the reboot it is allocated 43448 of which only 8 are filled, strange. After this reboot the previous log entries were ruined and turned into unreadable nonsense characters, I was bummed about that and had to kind of sum up the previous entries, but Alice saved the day again by later sending me the first part of the log which I then added to the front of this log, yay! She must have been checking the log at just the right time and then she had it up on her screen and was able to send it to me. Thanks Alice!

WEATHER COMMENT: Sun Oct 26 22:26:41 GMT 2003

Clear sky today, wind from SE about 5 mph.

\*\*MLSO PROBLEM\*\* : Sun Oct 26 22:33:43 GMT 2003

mk4 GIF files are being written again and animation on Nahenahe works well.

WEATHER COMMENT: Sun Oct 26 22:37:58 GMT 2003

Orographic clouds are starting to gather nearby.

Sun Oct 26 23:03:48 GMT 2003 CHIP End Patrol

WEATHER COMMENT: Sun Oct 26 23:03:45 GMT 2003

Orographic clouds are very thick, spar isn't tracking, pausing obs.

Sun Oct 26 23:08:53 GMT 2003 MKIV End Patrol

Mon Oct 27 00:26:28 GMT 2003 PICS End Patrol

PICS COMMENT: Mon Oct 27 00:26:35 GMT 2003

Apparently PICS didn't stop properly so it was still running until I stopped it a few minutes ago by clicking on Video and then the End option again.

Mon Oct 27 01:59:26 GMT 2003

MkIV

16_53.rawmk4	17_55.rawmk4	19_00.rawmk4	20_13.rawmk4	22_21.rawmk4
16_56.rawmk4	18_01.rawmk4	19_03.rawmk4	20_16.rawmk4	22_24.rawmk4
16_59.rawmk4	18_04.rawmk4	19_06.rawmk4	20_22.rawmk4	22_27.rawmk4
17_02.rawmk4	18_07.rawmk4	19_09.rawmk4	20_26.rawmk4	22_30.rawmk4
17_05.rawmk4	18_10.rawmk4	19_12.rawmk4	20_29.rawmk4	22_33.rawmk4
17_08.rawmk4	18_13.rawmk4	19_15.rawmk4	20_32.rawmk4	22_36.rawmk4
17_11.rawmk4	18_16.rawmk4	19_18.rawmk4	20_36.rawmk4	22_39.rawmk4
17_13.rawmk4	18_19.rawmk4	19_21.rawmk4	20_39.rawmk4	22_42.rawmk4
17_16.rawmk4	18_22.rawmk4	19_24.rawmk4	20_42.rawmk4	22_45.rawmk4

17_19.rawmk4	18_25.rawmk4	19_27.rawmk4	20_45.rawmk4	22_48.rawmk4
17_22.rawmk4	18_28.rawmk4	19_30.rawmk4	20_48.rawmk4	22_51.rawmk4
17_25.rawmk4	18_31.rawmk4	19_33.rawmk4	20_51.rawmk4	22_53.rawmk4
17_28.rawmk4	18_34.rawmk4	19_36.rawmk4	20_54.rawmk4	22_56.rawmk4
17_31.rawmk4	18_37.rawmk4	19_39.rawmk4	20_57.rawmk4	22_59.rawmk4
17_34.rawmk4	18_40.rawmk4	19_42.rawmk4	21_01.rawmk4	23_02.rawmk4
17_37.rawmk4	18_43.rawmk4	19_48.rawmk4	21_04.rawmk4	23_05.rawmk4
17_40.rawmk4	18_46.rawmk4	19_54.rawmk4	21_07.rawmk4	c19_45.rawmk4
17_43.rawmk4	18_49.rawmk4	20_00.rawmk4	21_10.rawmk4	c19_51.rawmk4
17_46.rawmk4	18_52.rawmk4	20_04.rawmk4	21_13.rawmk4	c19_57.rawmk4
17_49.rawmk4	18_54.rawmk4	20_07.rawmk4	21_16.rawmk4	
17_52.rawmk4	18_57.rawmk4	20_10.rawmk4	21_42.rawmk4	