
Mauna Loa Solar Observatory Observer's Log

Wed Jul 7 16:21:06 GMT 2010

Year: 10 Doy: 188

Observer: berkey

WEATHER COMMENT: Wed Jul 7 16:21:11 GMT 2010

Scattered cirrus, 5mph, 50F

____end____

PSPT COMMENT BY BEN: Wed Jul 7 16:21:57 GMT 2010

I am going to delay starting PSPT this morning while I do a little research on what spare disks we have on the mountain

____end____

Wed Jul 7 16:23:01 GMT 2010 CHIP Start Patrol

CHIP PROBLEM COMMENT BY BEN: Wed Jul 7 17:11:03 GMT 2010

Segmentation fault in chip

____end____

Wed Jul 7 17:11:21 GMT 2010 CHIP End Patrol

Wed Jul 7 17:13:51 GMT 2010 CHIP Start Patrol

Wed Jul 7 17:30:50 GMT 2010 MKIV Start Patrol

Wed Jul 7 18:01:52 GMT 2010 CHIP LSD

Wed Jul 7 18:03:27 GMT 2010 CHIP End LSD

Wed Jul 7 18:03:42 GMT 2010 CHIP BiasLSD

Wed Jul 7 18:04:17 GMT 2010 CHIP End BiasLSD

Wed Jul 7 18:04:26 GMT 2010 CHIP Bias

Wed Jul 7 18:05:02 GMT 2010 CHIP End Bias

Wed Jul 7 18:05:10 GMT 2010 CHIP ReStart Patrol

MKIV COMMENT BY BEN: Wed Jul 7 18:43:02 GMT 2010

Idleing mk4 until clouds clear a bit

____end____

Wed Jul 7 18:47:45 GMT 2010 MKIV End Patrol

Wed Jul 7 19:08:51 GMT 2010 MKIV Start Patrol

Wed Jul 7 19:44:29 GMT 2010 MKIV End Patrol

Wed Jul 7 19:44:35 GMT 2010 MKIV Start Cal

Wed Jul 7 20:03:15 GMT 2010 MKIV End Cal

PSPT PROBLEM COMMENT BY BEN: Wed Jul 7 19:59:47 GMT 2010

Troubleshooting for PSPT drive noises:

Backed up pspt1:/export/ to kenobi:/data/export

Investaged possible backup disks incase export fails; export is a 9GB disk it looks like we have at least two 18GB scsi disks in storage that we should be able to bring online.

Opening up the export cases revealed that the fan was dead and clunking. I think the dieing fan lead to the odd noises, and a disk overheating issue might have been leading to the recent crashes. A replacement fan has been installed and the drive case

was left open to provide more airflow. Hopefully this fixes the problem. So far things are performing well

____end____

Wed Jul 7 20:05:37 GMT 2010 CHIP End Patrol

Wed Jul 7 20:09:57 GMT 2010 MKIV Start Patrol

Wed Jul 7 20:10:14 GMT 2010 CHIP Start Patrol

PSPT PROBLEM COMMENT BY BEN:
Wed Jul 7 20:15:16 GMT 2010
Communication error between SPARC and PC in an exp command. PC only recieved the p
____end____

Wed Jul 7 21:56:06 GMT 2010 MKIV End Patrol
PSPT PROBLEM COMMENT BY BEN:
Wed Jul 7 21:58:00 GMT 2010
The SPARC hard-drive grinding nosie is back
____end____

Wed Jul 7 23:01:43 GMT 2010 CHIP LSD
Wed Jul 7 23:03:12 GMT 2010 CHIP End LSD
Wed Jul 7 23:03:21 GMT 2010 CHIP BiasLSD
Wed Jul 7 23:03:56 GMT 2010 CHIP End BiasLSD
Wed Jul 7 23:04:08 GMT 2010 CHIP Bias
Wed Jul 7 23:04:44 GMT 2010 CHIP End Bias
Wed Jul 7 23:04:51 GMT 2010 CHIP ReStart Patrol
Thu Jul 8 00:21:47 GMT 2010 MKIV Start Patrol
Thu Jul 8 01:25:19 GMT 2010 CHIP End Patrol
Thu Jul 8 01:26:50 GMT 2010 MKIV End Patrol
Thu Jul 8 01:32:22 GMT 2010 MKIV Start Patrol
Thu Jul 8 01:32:38 GMT 2010 CHIP Start Patrol

MKIV PROBLEM COMMENT BY BEN:
Thu Jul 8 02:46:16 GMT 2010
Mk4 lost signal for no reason for a couple passes, shutters and sky are clear and now it appears to be fine again. See im
ages: 2:37 2:40 2:42
____end____

MKIV PROBLEM COMMENT BY BEN:
Thu Jul 8 02:47:45 GMT 2010
Note the signal was lost on both the analog scope output and the digital images
____end____

PSPT COMMENT BY BEN:
Thu Jul 8 02:54:42 GMT 2010
I rebuilt the pspt sparc /export/pspl disk today with a spare 18GB we had up here. It appears the system is functioning w
ell, and all of the data and permissions are restored on the new disk.
Unfortuanly the data taken this morning is only on the old disk and will not make it into the archive.
I am running a test observation now.
____end____

PSPT COMMENT BY BEN:
Thu Jul 8 03:31:05 GMT 2010
Test took a little longer then I expected I forgot the camera controller is on a timer that turns the system off
____end____

Thu Jul 8 03:40:58 GMT 2010 CHIP End Patrol
PSPT COMMENT BY BEN:
Thu Jul 8 03:43:04 GMT 2010
I think everything is working, but it is to late in the day to observe so we will see tomorrow.
____end____

Thu Jul 8 03:44:15 GMT 2010 MKIV End Patrol
Thu Jul 8 03:48:44 GMT 2010
MkIV

00_21.rawmk4	01_55.rawmk4	03_24.rawmk4	18_35.rawmk4	20_42.rawmk4
00_24.rawmk4	01_58.rawmk4	03_27.rawmk4	18_38.rawmk4	20_45.rawmk4
00_27.rawmk4	02_01.rawmk4	03_30.rawmk4	18_41.rawmk4	20_48.rawmk4
00_30.rawmk4	02_04.rawmk4	03_32.rawmk4	18_44.rawmk4	20_51.rawmk4
00_33.rawmk4	02_07.rawmk4	03_35.rawmk4	19_08.rawmk4	20_54.rawmk4

00_36.rawmk4	02_10.rawmk4	03_38.rawmk4	19_11.rawmk4	20_57.rawmk4
00_39.rawmk4	02_13.rawmk4	03_39.rawmk4	19_14.rawmk4	20_59.rawmk4
00_42.rawmk4	02_16.rawmk4	03_40.rawmk4	19_17.rawmk4	21_03.rawmk4
00_45.rawmk4	02_19.rawmk4	17_30.rawmk4	19_20.rawmk4	21_05.rawmk4
00_48.rawmk4	02_22.rawmk4	17_33.rawmk4	19_23.rawmk4	21_08.rawmk4
00_51.rawmk4	02_25.rawmk4	17_36.rawmk4	19_26.rawmk4	21_11.rawmk4
00_54.rawmk4	02_28.rawmk4	17_39.rawmk4	19_29.rawmk4	21_14.rawmk4
00_57.rawmk4	02_31.rawmk4	17_42.rawmk4	19_32.rawmk4	21_17.rawmk4
01_00.rawmk4	02_34.rawmk4	17_45.rawmk4	19_35.rawmk4	21_20.rawmk4
01_03.rawmk4	02_37.rawmk4	17_48.rawmk4	19_38.rawmk4	21_23.rawmk4
01_06.rawmk4	02_40.rawmk4	17_51.rawmk4	19_41.rawmk4	21_26.rawmk4
01_08.rawmk4	02_42.rawmk4	17_54.rawmk4	19_47.rawmk4	21_29.rawmk4
01_11.rawmk4	02_45.rawmk4	17_57.rawmk4	19_53.rawmk4	21_32.rawmk4
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01_35.rawmk4	03_03.rawmk4	18_15.rawmk4	20_21.rawmk4	21_49.rawmk4
01_38.rawmk4	03_06.rawmk4	18_18.rawmk4	20_24.rawmk4	21_52.rawmk4
01_41.rawmk4	03_09.rawmk4	18_20.rawmk4	20_27.rawmk4	c19_44.rawmk4
01_44.rawmk4	03_12.rawmk4	18_23.rawmk4	20_30.rawmk4	c19_50.rawmk4
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01_50.rawmk4	03_18.rawmk4	18_29.rawmk4	20_36.rawmk4	
01_53.rawmk4	03_21.rawmk4	18_32.rawmk4	20_39.rawmk4	