
Mauna Loa Solar Observatory Observer's Log

Fri Dec 10 17:09:54 GMT 2004

Year: 04 Doy: 345

Observer: yasukawa

WEATHER COMMENT: Fri Dec 10 17:12:09 GMT 2004

Clear, S wind 7 mph, temp 37F.

____end____

ECHO COMMENT: Fri Dec 10 17:16:26 GMT 2004

Time OK.

____end____

Fri Dec 10 17:16:26 GMT 2004 CHIP Start Patrol

Fri Dec 10 17:16:40 GMT 2004 PICS Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri Dec 10 17:27:04 GMT 2004

PSPT COMMENT: Fri Dec 10 17:31:36 GMT 2004

Observing.

____end____

MKIV COMMENT: Fri Dec 10 17:41:20 GMT 2004

Mk4 clearing dome, centering O1.

____end____

Fri Dec 10 17:42:53 GMT 2004 MKIV Start Patrol

Fri Dec 10 18:01:51 GMT 2004 CHIP LSD

Fri Dec 10 18:02:27 GMT 2004 PICS Flat

Fri Dec 10 18:03:43 GMT 2004 CHIP End LSD

Fri Dec 10 18:04:02 GMT 2004 CHIP BiasLSD

Fri Dec 10 18:04:57 GMT 2004 PICS End Flat

Fri Dec 10 18:05:00 GMT 2004 CHIP End BiasLSD

Fri Dec 10 18:05:06 GMT 2004 PICS ReStart Patrol

Fri Dec 10 18:05:11 GMT 2004 CHIP Bias

Fri Dec 10 18:06:06 GMT 2004 CHIP End Bias

Fri Dec 10 18:06:13 GMT 2004 CHIP ReStart Patrol

Fri Dec 10 18:12:46 GMT 2004 MKIV End Patrol

Fri Dec 10 18:12:53 GMT 2004 MKIV Start Cal

GONG PROBLEM Fri Dec 10 18:17:55 GMT 2004

Going down to GONG to tend to further tape drive problems.

____end____

Fri Dec 10 18:32:29 GMT 2004 MKIV End Cal

Fri Dec 10 18:32:35 GMT 2004 MKIV Start Patrol

NICE MK4 IMAGE: 1815

NICE PICSLIMB IMAGE: 1815

NICE CHIP IMAGE: 1815

NICE PICSDISC IMAGE: 1814

GONG PROBLEM Fri Dec 10 19:46:03 GMT 2004

Back to GONG to fix the problems found.

____end____

GONG PROBLEM Fri Dec 10 21:01:32 GMT 2004

Back from GONG. Fixed tape drive problem. DLT1 and DLT2 had their SCSI

ID numbers wrong. DLT1 should have been ID5 and DLT2 should have been ID6. Set them correctly. The other problem caused during yesterday's swap was the data cables were put back on the wrong connectors. The data was trying to go into the out end and vice versa. Corrected the data flow.

____end____

MKIV COMMENT: Fri Dec 10 21:38:36 GMT 2004
Centered O1.

____end____

MKIV COMMENT: Fri Dec 10 22:43:28 GMT 2004
Centered O1.

____end____

ECHO PROBLEM:
Fri Dec 10 23:12:00 GMT 2004
Noticed no image on display. Also noted that MOF1 temp was 0.00 (red).
Trying a partial shutdown and restart.

____end____

ECHO PROBLEM:
Fri Dec 10 23:20:38 GMT 2004
MOF1 temp still 0.00, MOF1 volt = 5.025. Checking out electronics bay.

____end____

ECHO PROBLEM:
Fri Dec 10 23:50:09 GMT 2004
West controller for MOF1 PV value reads OPEN. I cannot find a manual for the West controllers. I believe the indication is the RTD is likely failed. I will look around for spares and plan a repair. Repair may not get done today.

____end____

ECHO PROBLEM:
Fri Dec 10 23:53:43 GMT 2004
Stopped observation, stopped echosys.

____end____

PICS PROBLEM:
Sat Dec 11 00:12:00 GMT 2004
Missed O1 adjust button and hit the triple down instead of the double down.
Trying to recover during sync intervals.

____end____

ECHO PROBLEM:
Sat Dec 11 00:14:24 GMT 2004
Found an Omega RTD-805 spare. Schematics show a MINCO S200PD 100 ohm RTD being used. I don't see any of those spares in our inventory.

____end____

PSPT PROBLEM:
Sat Dec 11 00:25:53 GMT 2004
PSPT crashed at 00:04 UT at (1/3) taking Cak image. Killed and restarted.
Installed timer for XEDAR controller power while PSPT was crashed.
Set timer to turn on at 5:00 AM and turn off at 5:00 PM +/- 05 minutes.

____end____

MLSO PROBLEM:
Sat Dec 11 00:37:21 GMT 2004
Declination reset itself. Repointed and reset guider.

____end____

ECHO PROBLEM:
Sat Dec 11 00:45:10 GMT 2004
Emailed Kim to coordinate the troubleshoot and repair plan.

____end____

MKIV COMMENT: Sat Dec 11 01:18:58 GMT 2004
Centered O1.

___end___

WEATHER COMMENT: Sat Dec 11 01:34:00 GMT 2004

Scattered orographic clouds.

___end___

PSPT COMMENT: Sat Dec 11 02:28:09 GMT 2004

Shut down. XEDAR power on timer. Checked time, may have lost 15 minutes.

Need to check time for a while. Small adjustment screw on timer below

dial may be a calibration knob????

___end___

Sat Dec 11 02:33:28 GMT 2004 PICS End Patrol

Sat Dec 11 02:33:47 GMT 2004 CHIP End Patrol

Sat Dec 11 02:35:35 GMT 2004 MKIV End Patrol

Sat Dec 11 02:39:13 GMT 2004

MkIV

00_02.rawmk4	01_48.rawmk4	18_53.rawmk4	20_38.rawmk4	22_28.rawmk4
00_05.rawmk4	01_51.rawmk4	18_56.rawmk4	20_41.rawmk4	22_31.rawmk4
00_08.rawmk4	01_54.rawmk4	18_59.rawmk4	20_44.rawmk4	22_34.rawmk4
00_11.rawmk4	01_57.rawmk4	19_01.rawmk4	20_47.rawmk4	22_37.rawmk4
00_14.rawmk4	02_00.rawmk4	19_04.rawmk4	20_50.rawmk4	22_40.rawmk4
00_17.rawmk4	02_02.rawmk4	19_07.rawmk4	20_56.rawmk4	22_43.rawmk4
00_20.rawmk4	02_05.rawmk4	19_10.rawmk4	21_00.rawmk4	22_46.rawmk4
00_23.rawmk4	02_08.rawmk4	19_13.rawmk4	21_03.rawmk4	22_49.rawmk4
00_26.rawmk4	02_11.rawmk4	19_16.rawmk4	21_06.rawmk4	22_52.rawmk4
00_28.rawmk4	02_14.rawmk4	19_19.rawmk4	21_09.rawmk4	22_54.rawmk4
00_31.rawmk4	02_17.rawmk4	19_22.rawmk4	21_12.rawmk4	22_57.rawmk4
00_34.rawmk4	02_20.rawmk4	19_25.rawmk4	21_15.rawmk4	23_00.rawmk4
00_37.rawmk4	02_23.rawmk4	19_28.rawmk4	21_18.rawmk4	23_03.rawmk4
00_40.rawmk4	02_26.rawmk4	19_31.rawmk4	21_20.rawmk4	23_06.rawmk4
00_43.rawmk4	02_29.rawmk4	19_34.rawmk4	21_23.rawmk4	23_09.rawmk4
00_46.rawmk4	02_32.rawmk4	19_37.rawmk4	21_26.rawmk4	23_12.rawmk4
00_49.rawmk4	17_42.rawmk4	19_40.rawmk4	21_29.rawmk4	23_15.rawmk4
00_52.rawmk4	17_45.rawmk4	19_43.rawmk4	21_32.rawmk4	23_18.rawmk4
00_55.rawmk4	17_48.rawmk4	19_46.rawmk4	21_35.rawmk4	23_21.rawmk4
00_58.rawmk4	17_51.rawmk4	19_49.rawmk4	21_38.rawmk4	23_24.rawmk4
01_01.rawmk4	17_54.rawmk4	19_51.rawmk4	21_41.rawmk4	23_27.rawmk4
01_04.rawmk4	17_57.rawmk4	19_54.rawmk4	21_44.rawmk4	23_30.rawmk4
01_07.rawmk4	18_00.rawmk4	19_57.rawmk4	21_47.rawmk4	23_33.rawmk4
01_10.rawmk4	18_03.rawmk4	20_00.rawmk4	21_50.rawmk4	23_36.rawmk4
01_13.rawmk4	18_06.rawmk4	20_03.rawmk4	21_53.rawmk4	23_39.rawmk4
01_15.rawmk4	18_09.rawmk4	20_06.rawmk4	21_56.rawmk4	23_41.rawmk4
01_18.rawmk4	18_15.rawmk4	20_09.rawmk4	21_59.rawmk4	23_44.rawmk4
01_21.rawmk4	18_22.rawmk4	20_12.rawmk4	22_02.rawmk4	23_47.rawmk4
01_24.rawmk4	18_29.rawmk4	20_15.rawmk4	22_05.rawmk4	23_50.rawmk4
01_27.rawmk4	18_32.rawmk4	20_18.rawmk4	22_07.rawmk4	23_53.rawmk4
01_30.rawmk4	18_35.rawmk4	20_21.rawmk4	22_10.rawmk4	23_56.rawmk4
01_33.rawmk4	18_38.rawmk4	20_24.rawmk4	22_13.rawmk4	23_59.rawmk4
01_36.rawmk4	18_41.rawmk4	20_27.rawmk4	22_16.rawmk4	c18_19.rawmk4

01_39.rawmk4	18_44.rawmk4	20_30.rawmk4	22_19.rawmk4	c18_26.rawmk4
01_42.rawmk4	18_47.rawmk4	20_33.rawmk4	22_22.rawmk4	
01_45.rawmk4	18_50.rawmk4	20_35.rawmk4	22_25.rawmk4	