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Mauna Loa Solar Observatory Observer's Log  
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Wed Apr 3 16:44:05 GMT 2013

Year: 13 Doy: 093

Observer: berkey

Wed Apr 3 17:01:37 GMT 2013: PSPT Start Patrol

WEATHER COMMENT: Wed Apr 3 17:03:33 GMT 2013

temp 43f, wind 15mph from SE, hazy in the east but no obvious cloud formations visible

\_\_\_\_end\_\_\_\_

Wed Apr 3 17:07:36 GMT 2013 MKIV Start Patrol

Wed Apr 03 17:09:36 GMT 2013 COMP Start Patrol

MKIV COMMENT BY BEN: Wed Apr 3 18:35:15 GMT 2013

MK4 u12 was have a lot of trouble for the first hour or so this morning. Poked and prodded a few times with limited/mixed results. But as of 18:15 UT it seems to have stablized and started syncing properly.

\_\_\_\_end\_\_\_\_

Wed Apr 03 20:06:05 GMT 2013 COMP End Patrol

Wed Apr 03 20:06:07 GMT 2013 COMP Start Patrol

Wed Apr 3 21:31:12 GMT 2013: PSPT Start Patrol

Wed Apr 3 22:44:53 GMT 2013 CHIP Start Patrol

Wed Apr 3 23:00:46 GMT 2013 CHIP LSD

Wed Apr 3 23:02:33 GMT 2013 CHIP End LSD

Wed Apr 3 23:02:49 GMT 2013 CHIP BiasLSD

Wed Apr 3 23:03:29 GMT 2013 CHIP End BiasLSD

Wed Apr 3 23:03:38 GMT 2013 CHIP Bias

Wed Apr 3 23:04:20 GMT 2013 CHIP End Bias

Wed Apr 3 23:04:27 GMT 2013 CHIP ReStart Patrol

Wed Apr 03 23:02:03 GMT 2013 COMP End Patrol

Wed Apr 03 23:02:04 GMT 2013 COMP Start Patrol

Wed Apr 3 23:29:52 GMT 2013 MKIV End Patrol

Wed Apr 3 23:49:35 GMT 2013 MKIV End Cal

Wed Apr 3 23:49:41 GMT 2013 MKIV Start Patrol

CHIP COMMENT BY BEN: Thu Apr 4 00:36:45 GMT 2013

Installed the new pump in the Chip chiller this morning. Install went well with only a small amount of gylcol spilling. I am not sure if the tempature controller is working properly. When the controller was turned on at 12:30hst the gylcol temp was

~60degF (ambient). Since thent he temapture has slowly climbed upward. Temp now is 101degF. The chip images look good so this might not be a problem.

\_\_\_\_end\_\_\_\_

Thu Apr 4 00:41:53 GMT 2013: PSPT Start Patrol

Thu Apr 04 01:57:33 GMT 2013 COMP End Patrol

Thu Apr 04 01:57:35 GMT 2013 COMP Start Patrol

Thu Apr 4 02:19:46 GMT 2013 CHIP End Patrol

Thu Apr 04 02:25:26 GMT 2013 COMP End Patrol

Thu Apr 4 02:25:46 GMT 2013: PSPT Abort Patrol

Thu Apr 4 02:25:57 GMT 2013: PSPT Abort Patrol

Thu Apr 4 02:26:05 GMT 2013: PSPT Abort Patrol

Thu Apr 4 02:26:18 GMT 2013: PSPT Abort Patrol

Thu Apr 4 02:29:42 GMT 2013 MKIV End Patrol

Thu Apr 4 02:39:11 GMT 2013 MKIV Start Patrol

CHIP COMMENT BY BEN: Thu Apr 4 02:38:52 GMT 2013

Chip chiller temp stablized at 102degF. I have turned it off for tonight just incase it wasnt truly stable, we should monitor it over the comming days.

\_\_\_end\_\_\_

MKIV COMMENT BY BEN: Thu Apr 4 02:43:23 GMT 2013

Clicked patrol instead of end day.... woops to more darks.

\_\_\_end\_\_\_

Thu Apr 4 02:44:51 GMT 2013

MkIV

00_01.rawmk4	01_53.rawmk4	18_24.rawmk4	20_16.rawmk4	22_12.rawmk4
00_04.rawmk4	01_56.rawmk4	18_27.rawmk4	20_19.rawmk4	22_15.rawmk4
00_07.rawmk4	01_59.rawmk4	18_30.rawmk4	20_22.rawmk4	22_18.rawmk4
00_10.rawmk4	02_02.rawmk4	18_33.rawmk4	20_25.rawmk4	22_21.rawmk4
00_13.rawmk4	02_05.rawmk4	18_36.rawmk4	20_28.rawmk4	22_24.rawmk4
00_16.rawmk4	02_08.rawmk4	18_39.rawmk4	20_31.rawmk4	22_27.rawmk4
00_19.rawmk4	02_11.rawmk4	18_42.rawmk4	20_34.rawmk4	22_30.rawmk4
00_22.rawmk4	02_14.rawmk4	18_45.rawmk4	20_37.rawmk4	22_33.rawmk4
00_25.rawmk4	02_17.rawmk4	18_48.rawmk4	20_40.rawmk4	22_36.rawmk4
00_28.rawmk4	02_20.rawmk4	18_51.rawmk4	20_43.rawmk4	22_39.rawmk4
00_31.rawmk4	02_23.rawmk4	18_54.rawmk4	20_46.rawmk4	22_42.rawmk4
00_34.rawmk4	02_26.rawmk4	18_57.rawmk4	20_49.rawmk4	22_45.rawmk4
00_37.rawmk4	02_39.rawmk4	19_00.rawmk4	20_52.rawmk4	22_48.rawmk4
00_39.rawmk4	17_07.rawmk4	19_03.rawmk4	20_55.rawmk4	22_51.rawmk4
00_42.rawmk4	17_11.rawmk4	19_06.rawmk4	20_58.rawmk4	22_54.rawmk4
00_45.rawmk4	17_14.rawmk4	19_08.rawmk4	21_01.rawmk4	22_57.rawmk4
00_48.rawmk4	17_17.rawmk4	19_11.rawmk4	21_04.rawmk4	22_59.rawmk4
00_51.rawmk4	17_20.rawmk4	19_14.rawmk4	21_06.rawmk4	23_02.rawmk4
00_54.rawmk4	17_24.rawmk4	19_17.rawmk4	21_09.rawmk4	23_05.rawmk4
00_57.rawmk4	17_27.rawmk4	19_20.rawmk4	21_12.rawmk4	23_08.rawmk4
01_00.rawmk4	17_30.rawmk4	19_23.rawmk4	21_15.rawmk4	23_11.rawmk4
01_03.rawmk4	17_33.rawmk4	19_26.rawmk4	21_18.rawmk4	23_14.rawmk4
01_06.rawmk4	17_36.rawmk4	19_29.rawmk4	21_21.rawmk4	23_17.rawmk4
01_09.rawmk4	17_39.rawmk4	19_32.rawmk4	21_24.rawmk4	23_20.rawmk4
01_12.rawmk4	17_42.rawmk4	19_35.rawmk4	21_27.rawmk4	23_23.rawmk4
01_15.rawmk4	17_45.rawmk4	19_38.rawmk4	21_30.rawmk4	23_26.rawmk4
01_18.rawmk4	17_48.rawmk4	19_41.rawmk4	21_33.rawmk4	23_33.rawmk4
01_21.rawmk4	17_51.rawmk4	19_44.rawmk4	21_36.rawmk4	23_40.rawmk4
01_24.rawmk4	17_54.rawmk4	19_47.rawmk4	21_42.rawmk4	23_46.rawmk4
01_27.rawmk4	17_58.rawmk4	19_50.rawmk4	21_46.rawmk4	23_49.rawmk4
01_30.rawmk4	18_00.rawmk4	19_53.rawmk4	21_49.rawmk4	23_52.rawmk4
01_33.rawmk4	18_03.rawmk4	19_56.rawmk4	21_52.rawmk4	23_55.rawmk4
01_36.rawmk4	18_06.rawmk4	19_59.rawmk4	21_55.rawmk4	23_58.rawmk4
01_39.rawmk4	18_09.rawmk4	20_02.rawmk4	21_57.rawmk4	c23_29.rawmk4
01_41.rawmk4	18_12.rawmk4	20_05.rawmk4	22_00.rawmk4	c23_36.rawmk4

01_44.rawmk4	18_15.rawmk4	20_07.rawmk4	22_03.rawmk4	c23_43.rawmk4
01_47.rawmk4	18_18.rawmk4	20_10.rawmk4	22_06.rawmk4	
01_50.rawmk4	18_21.rawmk4	20_13.rawmk4	22_09.rawmk4	