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Mauna Loa Solar Observatory Observer's Log  
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Sun Sep 22 16:48:39 GMT 2013

Year: 13 Doy: 265

Observer: waters

WEATHER COMMENT: waters: Sun Sep 22 16:48:49 GMT 2013

Clear skies, temp 46F and windspeed 5mph from the East-Southeast.

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

Sun Sep 22 16:58:58 GMT 2013: PSPT Start Patrol

Sun Sep 22 16:59:07 GMT 2013 COMP Start Patrol

Sun Sep 22 19:46:21 GMT 2013: PSPT Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 22 19:47:23 GMT 2013

When filling the dewar, the liquid nitrogen tank did a highpitch sound with no nitrogen coming out. After about 30 seconds, it started to come out but seemed to splash out of the dewar. Not too sure if the dewar got anything in it but it did feel heavier.

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

Sun Sep 22 19:57:03 GMT 2013: PSPT Start Patrol

Sun Sep 22 19:57:48 GMT 2013: PSPT Abort Patrol

Sun Sep 22 19:58:28 GMT 2013: PSPT Abort Patrol

Sun Sep 22 20:00:36 GMT 2013 COMP End Patrol

Sun Sep 22 20:08:15 GMT 2013 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 22 20:08:31 GMT 2013

Dome reconfigured.

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

Sun Sep 22 20:22:00 GMT 2013: PSPT Abort Patrol

Sun Sep 22 21:05:22 GMT 2013: PSPT Start Patrol

PSPT COMMENT BY waters: Sun Sep 22 20:13:22 GMT 2013

Pspt crashed and upon starting back up, the DOS machine had a floating point error and then crashed as well. Rebooted but now the clutch is too tight for the guider to move. As I try to get Pspt to shut down and restart, it gets stuck on the gd r go to and has a high pitch whine. I loosened both clutches and reset manually. Had the floating point error again. Called Ben and he walked me through it. So far Pspt is happy again! Thank you Ben!

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

GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 22 21:08:08 GMT 2013

Dome occulted Shabar around 11:05am HST. Moved dome manually.

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

Sun Sep 22 23:06:36 GMT 2013 COMP End Patrol

Sun Sep 22 23:06:36 GMT 2013 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Sep 22 23:11:53 GMT 2013

Two little bits of cirrus passing through.

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

Sun Sep 22 23:26:34 GMT 2013: PSPT Start Patrol

Mon Sep 23 00:24:20 GMT 2013 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Sep 23 00:24:29 GMT 2013

Orographic clouds are degrading images. Comp and Shabar idled.

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

Mon Sep 23 01:31:43 GMT 2013 COMP Start Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Sep 23 01:32:02 GMT 2013

Clouds seem to be staying down, Comp and Shabar restarted.

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

Mon Sep 23 01:42:35 GMT 2013 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Sep 23 01:42:50 GMT 2013

Clouds rolling in again, Comp Shabar idled.

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

Mon Sep 23 01:57:53 GMT 2013: PSPT Abort Patrol