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Mauna Loa Solar Observatory Observer's Log  
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Sun Oct 10 17:15:02 GMT 2010

Year: 10 Doy: 283

Observer: koon

WEATHER COMMENT: Sun Oct 10 17:15:04 GMT 2010

Light fog, wind=30mph from the SE, temp=38F, no obs until conditions improve.

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

Sun Oct 10 19:03:52 GMT 2010 H-ALPHA Start Patrol

Sun Oct 10 19:06:26 GMT 2010 CHIP Start Patrol

WEATHER COMMENT: Sun Oct 10 19:06:17 GMT 2010

Fog cleared, low clouds receded, starting instruments.

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

Sun Oct 10 19:23:18 GMT 2010 MKIV End Cal

Sun Oct 10 19:23:29 GMT 2010 MKIV Start Patrol

Sun Oct 10 19:23:35 GMT 2010 COMP Start Patrol

\*\*COMP PROBLEM COMMENT BY DARRYL\*\*: Sun Oct 10 20:10:14 GMT 2010

The tape and insulation on the copper tube that we use on the Gaspro dewar was damaged by UV and falling apart. I retaped it with lots of metal tape.

We need to be careful when putting our transfer dewar on the pedestal that we don't keep damaging the tube insulation, if the tube is slightly rotated like how it is now then it is easier to get the transfer dewar in and out of filling position without damaging the insulation on the tube.

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

Sun Oct 10 20:47:46 GMT 2010 COMP End Patrol

Sun Oct 10 20:48:16 GMT 2010 COMP Start Patrol

Sun Oct 10 21:44:03 GMT 2010 COMP End Patrol

Sun Oct 10 22:01:13 GMT 2010 COMP Start Patrol

COMP COMMENT BY DARRYL: Sun Oct 10 22:37:24 GMT 2010

At Steve's request we'll go back to sending data HDD to Don when we have 2 days worth of data on the HDD, this is temporary.

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

Sun Oct 10 23:00:39 GMT 2010 CHIP LSD

Sun Oct 10 23:02:11 GMT 2010 CHIP End LSD

Sun Oct 10 23:02:20 GMT 2010 CHIP BiasLSD

Sun Oct 10 23:02:57 GMT 2010 CHIP End BiasLSD

Sun Oct 10 23:03:06 GMT 2010 CHIP Bias

Sun Oct 10 23:03:38 GMT 2010 CHIP End Bias

Sun Oct 10 23:03:45 GMT 2010 CHIP ReStart Patrol

Sun Oct 10 23:19:41 GMT 2010 CHIP End Patrol

Sun Oct 10 23:19:45 GMT 2010 COMP End Patrol

Sun Oct 10 23:21:37 GMT 2010 H-ALPHA End Patrol

Sun Oct 10 23:25:11 GMT 2010 MKIV End Patrol

COMP COMMENT BY DARRYL: Mon Oct 11 00:02:23 GMT 2010

I'm experimenting with a new LN2 filling funnel setup, the funnel is attached at an angle and nearer to the metal tube at the end of the silicone tube, this eliminates the stabilizing mount and gets the funnel closer to the

tank to reduce wasted LN2 spillage and vaporizing and to make it easier  
to fill the tank because we can hold the transfer dewar lower during fillups.

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

Mon Oct 11 00:43:43 GMT 2010

MkIV

19_07.rawmk4	20_07.rawmk4	21_00.rawmk4	21_53.rawmk4	22_46.rawmk4
19_13.rawmk4	20_10.rawmk4	21_03.rawmk4	21_56.rawmk4	22_49.rawmk4
19_19.rawmk4	20_13.rawmk4	21_06.rawmk4	21_59.rawmk4	22_52.rawmk4
19_23.rawmk4	20_16.rawmk4	21_09.rawmk4	22_02.rawmk4	22_55.rawmk4
19_26.rawmk4	20_19.rawmk4	21_12.rawmk4	22_05.rawmk4	22_58.rawmk4
19_29.rawmk4	20_22.rawmk4	21_15.rawmk4	22_08.rawmk4	23_01.rawmk4
19_32.rawmk4	20_25.rawmk4	21_18.rawmk4	22_11.rawmk4	23_04.rawmk4
19_35.rawmk4	20_28.rawmk4	21_21.rawmk4	22_14.rawmk4	23_07.rawmk4
19_38.rawmk4	20_31.rawmk4	21_24.rawmk4	22_16.rawmk4	23_10.rawmk4
19_41.rawmk4	20_34.rawmk4	21_26.rawmk4	22_19.rawmk4	23_12.rawmk4
19_44.rawmk4	20_36.rawmk4	21_29.rawmk4	22_22.rawmk4	23_15.rawmk4
19_46.rawmk4	20_39.rawmk4	21_32.rawmk4	22_25.rawmk4	23_18.rawmk4
19_49.rawmk4	20_42.rawmk4	21_35.rawmk4	22_28.rawmk4	23_21.rawmk4
19_52.rawmk4	20_45.rawmk4	21_38.rawmk4	22_31.rawmk4	c19_03.rawmk4
19_55.rawmk4	20_48.rawmk4	21_41.rawmk4	22_34.rawmk4	c19_10.rawmk4
19_58.rawmk4	20_51.rawmk4	21_44.rawmk4	22_37.rawmk4	c19_16.rawmk4
20_01.rawmk4	20_54.rawmk4	21_47.rawmk4	22_40.rawmk4	
20_04.rawmk4	20_57.rawmk4	21_50.rawmk4	22_43.rawmk4	