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Mauna Loa Solar Observatory Observer's Log  
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Thu Aug 27 16:56:46 GMT 1998

Year: 98 Doy: 239

Observer: koon

WEATHER COMMENT: Thu Aug 27 16:57:21 GMT 1998

Clear sky, foggy just down the road, wind=5 mph from the SE, temp=52 F.

Thu Aug 27 16:58:46 GMT 1998 CHIP Startup--Initializing new tape

Thu Aug 27 17:00:26 GMT 1998 CHIP CHIP Start Patrol

Thu Aug 27 17:00:34 GMT 1998 MKIII Start Patrol

Thu Aug 27 17:00:40 GMT 1998 PICS Start Patrol

LOW-L COMMENT: Thu Aug 27 17:06:19 GMT 1998

L00538 was popped out of drive #0 as it should have been. Removed it and cleaned the drive before installing L00540.

\*\*PSPT PROBLEM\*\* Thu Aug 27 17:07:32 GMT 1998

The camera arrived yesterday and I am ready to swap it with the bad camera.

Roy said he'll FAX instructions up to MLSO today, so far nothing has been received, will work on this as soon as I get those instructions.

Thu Aug 27 18:00:50 GMT 1998 CHIP Bias

Thu Aug 27 18:01:46 GMT 1998 CHIP End Bias

Thu Aug 27 18:01:46 GMT 1998 CHIP End Bias

Thu Aug 27 18:01:58 GMT 1998 CHIP Water

Thu Aug 27 18:02:44 GMT 1998 CHIP End Water

Thu Aug 27 18:03:14 GMT 1998 PICS End Flat

Thu Aug 27 19:00:56 GMT 1998 CHIP Bias

Thu Aug 27 19:01:40 GMT 1998 PICS Flat

Thu Aug 27 19:01:56 GMT 1998 CHIP End Bias

Thu Aug 27 19:02:10 GMT 1998 CHIP Water

Thu Aug 27 19:02:56 GMT 1998 CHIP End Water

Thu Aug 27 19:03:09 GMT 1998 PICS End Flat

Thu Aug 27 20:00:49 GMT 1998 CHIP Gain

Thu Aug 27 20:01:49 GMT 1998 PICS Flat

Thu Aug 27 20:03:19 GMT 1998 PICS End Flat

Thu Aug 27 20:05:22 GMT 1998 CHIP End Gain

Thu Aug 27 20:05:33 GMT 1998 CHIP Bias

Thu Aug 27 20:06:24 GMT 1998 CHIP End Bias

Thu Aug 27 20:06:38 GMT 1998 CHIP Water

Thu Aug 27 20:07:13 GMT 1998 CHIP End Water

\*\*PSPT PROBLEM\*\* Thu Aug 27 20:10:17 GMT 1998

The FAX from Roy just came in. I'm preparing for the camera swap.

Thu Aug 27 21:01:54 GMT 1998 PICS Flat

Thu Aug 27 21:01:54 GMT 1998 PICS Flat

Thu Aug 27 21:03:01 GMT 1998 CHIP End Bias

Thu Aug 27 21:03:11 GMT 1998 CHIP Water

Thu Aug 27 21:03:36 GMT 1998 PICS End Flat

Thu Aug 27 21:03:54 GMT 1998 CHIP End Water

COMMENT: Thu Aug 27 21:18:06 GMT 1998

Extended the dome slot.

**\*\*PICS PROBLEM\*\***: Thu Aug 27 21:18:28 GMT 1998

Got delayed extendeing the dome slot because of a coolant leak problem. I found several drops of what looked like oil on the dome floor and they were directly under the dome slot transmission so I used the lift to get a look at it, there was some oil leakage so I tightened down a few loose mount bolts and wiped the trans clean. When I got back down I found the real source of the leak, there was a bad hose crimp connection at the hose-to-pipe connection point just above the PICS enclosure, coolant was slowly dripping down the pipes and onto the MKIII housing and then to the floor. The hose was probably disturbed a few days ago during an adjustment to it and the other spar cables. I tightened the crimp and cleaned up the mess. We'll probably see more drips on the floor for a few days as the excess leaked coolant drains out from the pipes behind the PICS, I left paper towels at the two critical places where the leak was and where the coolant dripped off the plumbing, that might be enough to contain the slight drainage.

Thu Aug 27 22:01:40 GMT 1998	PICS	Flat
Thu Aug 27 22:01:55 GMT 1998	CHIP	Bias
Thu Aug 27 22:02:55 GMT 1998	CHIP	End Bias
Thu Aug 27 22:03:10 GMT 1998	CHIP	Water
Thu Aug 27 22:03:10 GMT 1998	CHIP	Water
Thu Aug 27 22:04:04 GMT 1998	CHIP	End Water
Thu Aug 27 23:01:45 GMT 1998	PICS	Flat
Thu Aug 27 23:01:56 GMT 1998	CHIP	Bias
Thu Aug 27 23:03:08 GMT 1998	CHIP	End Bias
Thu Aug 27 23:03:13 GMT 1998	PICS	End Flat
Thu Aug 27 23:03:20 GMT 1998	CHIP	Water
Thu Aug 27 23:04:04 GMT 1998	CHIP	End Water

**\*\*PSPT PROBLEM\*\***: Thu Aug 27 23:11:10 GMT 1998

I finished swapping the cameras. Haosheng and/or Roy will be calling to help with the testing and focusing of the newly installed camera.

Thu Aug 27 23:13:35 GMT 1998	PICS	End Patrol
Thu Aug 27 23:16:24 GMT 1998	CHIP	CHIP End Patrol
Thu Aug 27 23:17:19 GMT 1998	CHIP	ending tape

COMMENT: Thu Aug 27 23:18:48 GMT 1998

TAPES:

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PICS: P01278  
CHIP: C00676  
LOWL: L00538

Thu Aug 27 23:20:38 GMT 1998  
MkIII

17_00.rawmk3	18_13.rawmk3	19_36.rawmk3	20_49.rawmk3	22_02.rawmk3
17_03.rawmk3	18_16.rawmk3	19_39.rawmk3	20_52.rawmk3	22_05.rawmk3

17_06.rawmk3	18_19.rawmk3	19_42.rawmk3	20_55.rawmk3	22_08.rawmk3
17_09.rawmk3	18_22.rawmk3	19_45.rawmk3	20_58.rawmk3	22_11.rawmk3
17_12.rawmk3	18_25.rawmk3	19_48.rawmk3	21_01.rawmk3	22_14.rawmk3
17_15.rawmk3	18_28.rawmk3	19_51.rawmk3	21_04.rawmk3	22_17.rawmk3
17_18.rawmk3	18_31.rawmk3	19_54.rawmk3	21_07.rawmk3	22_20.rawmk3
17_21.rawmk3	18_34.rawmk3	19_57.rawmk3	21_10.rawmk3	22_23.rawmk3
17_24.rawmk3	18_37.rawmk3	19_59.rawmk3	21_12.rawmk3	22_26.rawmk3
17_27.rawmk3	18_40.rawmk3	20_02.rawmk3	21_15.rawmk3	22_28.rawmk3
17_30.rawmk3	18_43.rawmk3	20_05.rawmk3	21_18.rawmk3	22_31.rawmk3
17_32.rawmk3	18_49.rawmk3	20_08.rawmk3	21_21.rawmk3	22_34.rawmk3
17_35.rawmk3	18_55.rawmk3	20_11.rawmk3	21_24.rawmk3	22_37.rawmk3
17_38.rawmk3	19_01.rawmk3	20_14.rawmk3	21_27.rawmk3	22_40.rawmk3
17_41.rawmk3	19_04.rawmk3	20_17.rawmk3	21_30.rawmk3	22_43.rawmk3
17_44.rawmk3	19_07.rawmk3	20_20.rawmk3	21_33.rawmk3	22_46.rawmk3
17_47.rawmk3	19_10.rawmk3	20_23.rawmk3	21_36.rawmk3	22_49.rawmk3
17_50.rawmk3	19_13.rawmk3	20_26.rawmk3	21_39.rawmk3	22_52.rawmk3
17_53.rawmk3	19_16.rawmk3	20_29.rawmk3	21_42.rawmk3	22_55.rawmk3
17_56.rawmk3	19_19.rawmk3	20_32.rawmk3	21_45.rawmk3	22_58.rawmk3
17_59.rawmk3	19_21.rawmk3	20_35.rawmk3	21_48.rawmk3	23_01.rawmk3
18_02.rawmk3	19_24.rawmk3	20_37.rawmk3	21_50.rawmk3	c18_45.rawmk3
18_05.rawmk3	19_27.rawmk3	20_40.rawmk3	21_53.rawmk3	c18_52.rawmk3
18_08.rawmk3	19_30.rawmk3	20_43.rawmk3	21_56.rawmk3	c18_58.rawmk3
18_10.rawmk3	19_33.rawmk3	20_46.rawmk3	21_59.rawmk3	