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Mauna Loa Solar Observatory Observer's Log  
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Thu Oct 1 16:35:25 GMT 1998

Year: 98 Doy: 274

Observer: yasukawa

Thu Oct 1 16:36:01 GMT 1998 CHIP Startup--Initializing new tape

Thu Oct 1 16:41:11 GMT 1998 CHIP CHIP Start Patrol

Thu Oct 1 16:41:46 GMT 1998 PICS Start Patrol

WEATHER COMMENT: Thu Oct 1 16:41:43 GMT 1998

Cool, clear, light southeast wind.

\*\*CHIP PROBLEM\*\*: Thu Oct 1 16:42:06 GMT 1998

CHIP filter temp high at 35.919.

Thu Oct 1 16:42:36 GMT 1998 MKIII Start Patrol

Thu Oct 1 17:00:43 GMT 1998 PICS Flat

Thu Oct 1 17:02:12 GMT 1998 PICS End Flat

Thu Oct 1 17:02:48 GMT 1998 CHIP Bias

Thu Oct 1 17:03:44 GMT 1998 CHIP End Bias

Thu Oct 1 17:03:58 GMT 1998 CHIP Water

Thu Oct 1 17:04:43 GMT 1998 CHIP End Water

PSPT COMMENT: Thu Oct 1 17:28:20 GMT 1998

PSPT started up OK.

\*\*CHIP PROBLEM\*\*: Thu Oct 1 17:32:00 GMT 1998

Stopping to check out filter temp. controller cable electrically.

Thu Oct 1 17:34:19 GMT 1998 CHIP CHIP End Patrol

\*\*CHIP PROBLEM\*\*: Thu Oct 1 17:44:26 GMT 1998

Continuity thru temp control cable OK. Resistance to heater is 6 ohms, resistance to sensor at 6.49 kilohms. Voltage to heater was fluctuating between 7 to 9.5 volts.

Thu Oct 1 18:00:45 GMT 1998 PICS Flat

Thu Oct 1 18:02:14 GMT 1998 PICS End Flat

Thu Oct 1 18:19:53 GMT 1998 CHIP CHIP Start Patrol

Thu Oct 1 19:00:44 GMT 1998 PICS Flat

Thu Oct 1 19:02:11 GMT 1998 PICS End Flat

Thu Oct 1 19:03:02 GMT 1998 CHIP Bias

Thu Oct 1 19:04:01 GMT 1998 CHIP End Bias

Thu Oct 1 19:04:15 GMT 1998 CHIP Water

Thu Oct 1 19:05:09 GMT 1998 CHIP End Water

\*\*CHIP PROBLEM\*\*: Thu Oct 1 19:06:30 GMT 1998

Stopping to remove temp controller to check test point voltages.

Thu Oct 1 19:07:47 GMT 1998 PICS End Patrol

COMMENT: Thu Oct 1 19:07:46 GMT 1998

Reconfiguring dome while stopping CHIP, Stopping MKIII and PICS.

Spar was being rattled by me removing the CHIP temp control unit.

Thu Oct 1 19:25:05 GMT 1998 MKIII Start Patrol

Thu Oct 1 19:25:28 GMT 1998 PICS Start Patrol

Thu Oct 1 20:02:47 GMT 1998 PICS Flat

Thu Oct 1 20:04:14 GMT 1998 PICS End Flat

WEATHER COMMENT: Thu Oct 1 20:13:18 GMT 1998  
Sky is really bright around sun. Sky very noisy.

**\*\*CHIP PROBLEM\*\***: Thu Oct 1 20:13:41 GMT 1998  
Set up test points, put controller back without securing it for now,  
test points not accessible when mounted. Will be measuring setpoint  
and sensor voltages. CHIP filter cooled down while controller was off  
so I will be measuring parameters as it warms up.

WEATHER COMMENT: Thu Oct 1 20:30:21 GMT 1998  
Orographic clouds forming upslope.  
Thu Oct 1 20:45:13 GMT 1998 CHIP CHIP Start Patrol  
Thu Oct 1 21:00:51 GMT 1998 CHIP Bias  
Thu Oct 1 21:01:51 GMT 1998 CHIP End Bias  
Thu Oct 1 21:02:04 GMT 1998 CHIP Water  
Thu Oct 1 21:02:44 GMT 1998 PICS Flat  
Thu Oct 1 21:02:55 GMT 1998 CHIP End Water  
Thu Oct 1 21:04:14 GMT 1998 PICS End Flat

WEATHER COMMENT: Thu Oct 1 21:33:32 GMT 1998  
In orographic clouds.  
Thu Oct 1 21:38:39 GMT 1998 PICS End Patrol  
Thu Oct 1 21:39:37 GMT 1998 CHIP CHIP End Patrol  
Thu Oct 1 21:47:06 GMT 1998 CHIP ending tape

COMMENT: Thu Oct 1 21:57:15 GMT 1998

Tapes:  
PICS: P01309  
CHIP: C00706  
LOWL: L00545

**\*\*CHIP PROBLEM\*\***: Thu Oct 1 22:00:58 GMT 1998

Filter temp seems to be operating correctly. Filter warmed up and  
overshot to 36.600, then cooled down to 33.330, then at last look went  
back upward thru range back into red. I will let it stabilize some  
more as I shut down.

COMMENT: Thu Oct 1 22:06:17 GMT 1998  
Cleaned PICS and CHIP drives for the month.  
Dumped Scintillation monitor data for the month.

Thu Oct 1 22:10:59 GMT 1998

MkIII

16_42.rawmk3	17_41.rawmk3	18_49.rawmk3	20_03.rawmk3	21_01.rawmk3
16_45.rawmk3	17_44.rawmk3	18_52.rawmk3	20_06.rawmk3	21_04.rawmk3
16_48.rawmk3	17_47.rawmk3	18_55.rawmk3	20_08.rawmk3	21_07.rawmk3
16_51.rawmk3	17_50.rawmk3	18_58.rawmk3	20_11.rawmk3	21_10.rawmk3
16_54.rawmk3	17_52.rawmk3	19_01.rawmk3	20_14.rawmk3	21_13.rawmk3
16_57.rawmk3	17_55.rawmk3	19_04.rawmk3	20_17.rawmk3	21_16.rawmk3
17_00.rawmk3	17_58.rawmk3	19_06.rawmk3	20_20.rawmk3	21_19.rawmk3
17_03.rawmk3	18_01.rawmk3	19_25.rawmk3	20_23.rawmk3	21_21.rawmk3
17_06.rawmk3	18_04.rawmk3	19_28.rawmk3	20_26.rawmk3	21_24.rawmk3
17_09.rawmk3	18_07.rawmk3	19_31.rawmk3	20_29.rawmk3	21_27.rawmk3

17_12.rawmk3	18_10.rawmk3	19_33.rawmk3	20_32.rawmk3	21_30.rawmk3
17_14.rawmk3	18_13.rawmk3	19_36.rawmk3	20_35.rawmk3	21_33.rawmk3
17_17.rawmk3	18_16.rawmk3	19_39.rawmk3	20_38.rawmk3	21_36.rawmk3
17_20.rawmk3	18_19.rawmk3	19_42.rawmk3	20_41.rawmk3	c18_33.rawmk3
17_23.rawmk3	18_22.rawmk3	19_45.rawmk3	20_44.rawmk3	c18_39.rawmk3
17_26.rawmk3	18_25.rawmk3	19_48.rawmk3	20_46.rawmk3	c18_46.rawmk3
17_29.rawmk3	18_28.rawmk3	19_51.rawmk3	20_49.rawmk3	
17_32.rawmk3	18_30.rawmk3	19_54.rawmk3	20_52.rawmk3	
17_35.rawmk3	18_36.rawmk3	19_57.rawmk3	20_55.rawmk3	
17_38.rawmk3	18_43.rawmk3	20_00.rawmk3	20_58.rawmk3	