Mauna Loa Solar Observatory Observer's Log ______ Thu Jul 16 16:46:26 GMT 1998 Year: 98 Doy: 197 Observer: koon WEATHER COMMENT: Thu Jul 16 16:47:39 GMT 1998 Scattered cirrus, no wind, temp=50 F. rtup--Initializing new tape Thu Jul 16 16:55:29 GMT 1998 CHIP CHIP Start Patrol LOW-L COMMENT: Thu Jul 16 16:58:05 GMT 1998 L00532 popped out of drive #0 as it should have. Cleaned drive #0 and installed L00534. CHIP COMMENT: Thu Jul 16 16:58:49 GMT 1998 Only running this instrument until clouds clear away. Thu Jul 16 17:01:49 GMT 1998 CHTP Bias Thu Jul 16 17:02:46 GMT 1998 CHIP End Bias Thu Jul 16 17:02:54 GMT 1998 CHIP Water Thu Jul 16 17:03:30 GMT 1998 CHIP End Water **MLSO PROBLEM**: Thu Jul 16 17:25:14 GMT 1998 The network isn't working, again, it worked this morning but now it looks like there is a problem at UH. Thu Jul 16 18:00:48 GMT 1998 CHIP Bias Thu Jul 16 18:01:41 GMT 1998 End Bias CHIP Thu Jul 16 18:01:48 GMT 1998 CHIP Water Thu Jul 16 18:02:29 GMT 1998 CHIP End Water WEATHER COMMENT: Thu Jul 16 18:37:27 GMT 1998 Thicker altocumulus clouds have moved in. PICS COMMENT: Thu Jul 16 18:37:54 GMT 1998 Since it is too cloudy to get good data I will do a tape backup of Nene. Thu Jul 16 19:03:02 GMT 1998 CHIP Bias Thu Jul 16 19:04:08 GMT 1998 CHIP End Bias Thu Jul 16 19:04:16 GMT 1998 CHIP Water Thu Jul 16 19:04:55 GMT 1998 CHIP End Water Thu Jul 16 19:23:51 GMT 1998 CHIP CHIP End Patrol Thu Jul 16 19:24:56 GMT 1998 CHIP ending tape CHIP COMMENT: Thu Jul 16 19:25:09 GMT 1998 Stopping this due to thick clouds so I can do a tape backup of Kii. Thu Jul 16 19:28:07 GMT 1998 CHIP ending tape PICS COMMENT: Thu Jul 16 20:40:47 GMT 1998 Finished tape backup of Nene. COMMENT: Thu Jul 16 20:41:10 GMT 1998 Finished Tape Backup of Kii. **MLSO PROBLEM**: Thu Jul 16 20:41:34 GMT 1998 The network is working again, again. PSPT COMMENT: Thu Jul 16 21:41:04 GMT 1998

I removed the vacuum valve and reducer and cleaned then re-installed them using teflon tape and vacuum grease. I'll test for vacuum leak on

Saturday.

COMMENT: Thu Jul 16 21:42:23 GMT 1998

TAPES: ****

CHIP: C00639 LOWL: L00533

Thu Jul 16 21:43:07 GMT 1998

MkIII