Mauna Loa Solar Observatory Observer's Log ______ Fri Dec 17 17:15:28 GMT 2004 Year: 04 Doy: 352 Observer: yasukawa WEATHER COMMENT: Fri Dec 17 17:17:52 GMT 2004 Clear, S wind 8 mph, temp 35 F. Altostratus deck approaching from west. end Fri Dec 17 17:22:56 GMT 2004 CHIP Start Patrol Fri Dec 17 17:23:06 GMT 2004 PICS Start Patrol PSPT COMMENT: Fri Dec 17 17:24:00 GMT 2004 Starting up end ECHO COMMENT: Fri Dec 17 17:24:10 GMT 2004 Time OK. end A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri Dec 17 17:35:54 GMT 2004 **PSPT PROBLEM**: Fri Dec 17 17:40:17 GMT 2004 Crashed during startup, homing dome. Killed and restarted. end MKIV COMMENT: Fri Dec 17 17:45:47 GMT 2004 Centering 01. end Fri Dec 17 17:46:07 GMT 2004 MKIV Start Patrol PSPT COMMENT: Fri Dec 17 17:46:59 GMT 2004 Observing. end Fri Dec 17 18:00:31 GMT 2004 PICS Flat Fri Dec 17 18:02:53 GMT 2004 CHIP LSD Fri Dec 17 18:03:01 GMT 2004 PICS End Flat Fri Dec 17 18:03:09 GMT 2004 PICS ReStart Patrol Fri Dec 17 18:04:39 GMT 2004 CHIP End LSD Fri Dec 17 18:04:49 GMT 2004 CHIP BiasLSD Fri Dec 17 18:05:42 GMT 2004 End BiasLSD CHIP Fri Dec 17 18:05:50 GMT 2004 Bias CHIP Fri Dec 17 18:06:44 GMT 2004 CHIP End Bias Fri Dec 17 18:06:59 GMT 2004 ReStart Patrol CHIP WEATHER COMMENT: Fri Dec 17 18:44:03 GMT 2004 In scattered altostratus clouds. MKIV COMMENT: Fri Dec 17 18:44:49 GMT 2004

___end___
Fri Dec 17 18:45:14 GMT 2004 MKIV End Patrol
Fri Dec 17 18:45:21 GMT 2004 MKIV Start Cal
PICS PROBLEM: Fri Dec 17 18:46:42 GMT 2004

Centered 01.

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PICS domed out. Engaged ADR.
 end
COMMENT: Fri Dec 17 18:47:04 GMT 2004
Was outside, changing tire on Expedition. There was a slow leak due to
a small nail puncture.
  end
NICE MK4
              IMAGE: 1854
NICE PICSDISC IMAGE: 1854
NICE PICSLIMB IMAGE: 1855
NICE CHIP
              IMAGE: 1855
Fri Dec 17 19:04:43 GMT 2004
                               MKIV
                                       Start Patrol
WEATHER COMMENT: Fri Dec 17 19:07:43 GMT 2004
In extensive deck of altostratus and cirrostratus clouds.
____end_
COMMENT: Fri Dec 17 19:11:42 GMT 2004
Shutting down and going down to Hilo to take care of tire. Need to get
down early in case tire cannot be repaired, vendor will have to call
GSA on mainland before the GSA folks go home for the weekend to get
a PO number.
____end
Fri Dec 17 19:20:42 GMT 2004
        MkIV
17 46.rawmk4
              18 03.rawmk4
                             18 21.rawmk4
                                            18 39.rawmk4
                                                           19 07.rawmk4
17 49.rawmk4
              18 06.rawmk4
                             18 24.rawmk4
                                            18 42.rawmk4
                                                           c18 45.rawmk4
              18_09.rawmk4
17 52.rawmk4
                             18 27.rawmk4
                                            18 48.rawmk4
                                                           c18 51.rawmk4
17 55.rawmk4
              18 12.rawmk4
                             18 30.rawmk4
                                            18 54.rawmk4
                                                           c18 57.rawmk4
17 57.rawmk4
              18 15.rawmk4
                             18 33.rawmk4
                                            19 00.rawmk4
18_00.rawmk4
              18_18.rawmk4
                             18_36.rawmk4
                                            19_04.rawmk4
```