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Mauna Loa Solar Observatory Observer's Log  
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Sun May 21 16:30:34 GMT 2006

Year: 06 Doy: 141

Observer: yasukawa

WEATHER COMMENT: Sun May 21 16:30:40 GMT 2006

Clear, S wind 11 mph, temp 47 F.

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

Sun May 21 16:35:53 GMT 2006 CHIP Start Patrol

Sun May 21 16:36:14 GMT 2006 PICS Start Patrol

Sun May 21 16:38:22 GMT 2006 MKIV Start Patrol

PSPT COMMENT: Sun May 21 16:42:17 GMT 2006

Start up.

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

**\*\*PICS PROBLEM\*\***: Sun May 21 16:45:27 GMT 2006

PICS halle filter stage is malfunctioning. Appears to be stalled in the IN position. Will check it out in a while.

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

Sun May 21 16:51:07 GMT 2006 PICS End Patrol

Sun May 21 16:58:25 GMT 2006 PICS Start Patrol

Sun May 21 17:00:12 GMT 2006 PICS End Patrol

**\*\*PICS PROBLEM\*\***: Sun May 21 17:01:57 GMT 2006

Drive card not indicating request nor direction when commanded to go IN. LED indication OK on OUT command. Swapped drive card with spare and got same result.

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

PSPT COMMENT: Sun May 21 17:04:40 GMT 2006

Observing.

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

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sun May 21 17:05:35 GMT 2006

**\*\*PICS PROBLEM\*\***: Sun May 21 17:30:05 GMT 2006

Drive gear belt slipped off gears. Re installed belt.

Halle IN/OUT tested and functioning OK now.

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

Sun May 21 17:33:38 GMT 2006 PICS Start Patrol

Sun May 21 18:00:44 GMT 2006 CHIP LSD

Sun May 21 18:01:17 GMT 2006 PICS Flat

Sun May 21 18:02:28 GMT 2006 CHIP End LSD

Sun May 21 18:02:37 GMT 2006 CHIP BiasLSD

Sun May 21 18:03:21 GMT 2006 CHIP End BiasLSD

Sun May 21 18:03:29 GMT 2006 CHIP Bias

Sun May 21 18:03:42 GMT 2006 PICS End Flat

Sun May 21 18:03:52 GMT 2006 PICS ReStart Patrol

Sun May 21 18:04:11 GMT 2006 CHIP End Bias

Sun May 21 18:04:18 GMT 2006 CHIP ReStart Patrol

Sun May 21 18:26:41 GMT 2006 MKIV End Patrol

Sun May 21 18:26:47 GMT 2006 MKIV Start Cal

Sun May 21 19:07:53 GMT 2006 MKIV Start Patrol  
\*\*MKIV PROBLEM\*\*: Sun May 21 19:07:24 GMT 2006  
Cal finished before I restarted Patrol. Was distrcted doing maintenance.

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

Sun May 21 20:10:17 GMT 2006 CHIP End Patrol  
Sun May 21 20:10:41 GMT 2006 PICS End Patrol  
Sun May 21 20:12:48 GMT 2006 MKIV End Patrol  
Sun May 21 20:19:24 GMT 2006 MKIV Start Patrol  
Sun May 21 20:19:39 GMT 2006 CHIP Start Patrol  
COMMENT: Sun May 21 20:19:40 GMT 2006  
Reconfigured dome shutter.

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

Sun May 21 20:19:50 GMT 2006 PICS Start Patrol  
NICE MK4 IMAGE: 1829  
NICE CHIP IMAGE: 1828  
NICE PICSLIMB IMAGE: 1829  
NICE PICSDISC IMAGE: 1828  
Sun May 21 22:17:23 GMT 2006 CHIP End Patrol  
Sun May 21 22:17:25 GMT 2006 PICS End Patrol  
Sun May 21 22:19:20 GMT 2006 CHIP Start Patrol  
Sun May 21 22:19:32 GMT 2006 PICS Start Patrol  
Sun May 21 22:31:47 GMT 2006 CHIP End Patrol  
Sun May 21 22:32:11 GMT 2006 PICS End Patrol  
Sun May 21 22:34:45 GMT 2006 MKIV End Patrol  
Sun May 21 22:45:43 GMT 2006

MkIV

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| 16_38.rawmk4 | 17_44.rawmk4 | 19_25.rawmk4 | 20_37.rawmk4 | 21_41.rawmk4  |
| 16_42.rawmk4 | 17_47.rawmk4 | 19_28.rawmk4 | 20_39.rawmk4 | 21_44.rawmk4  |
| 16_45.rawmk4 | 17_50.rawmk4 | 19_31.rawmk4 | 20_42.rawmk4 | 21_47.rawmk4  |
| 16_48.rawmk4 | 17_53.rawmk4 | 19_34.rawmk4 | 20_45.rawmk4 | 21_50.rawmk4  |
| 16_51.rawmk4 | 17_59.rawmk4 | 19_37.rawmk4 | 20_48.rawmk4 | 21_53.rawmk4  |
| 16_54.rawmk4 | 18_02.rawmk4 | 19_40.rawmk4 | 20_51.rawmk4 | 21_56.rawmk4  |
| 16_57.rawmk4 | 18_05.rawmk4 | 19_43.rawmk4 | 20_54.rawmk4 | 21_59.rawmk4  |
| 17_00.rawmk4 | 18_08.rawmk4 | 19_46.rawmk4 | 20_57.rawmk4 | 22_02.rawmk4  |
| 17_03.rawmk4 | 18_11.rawmk4 | 19_49.rawmk4 | 21_00.rawmk4 | 22_05.rawmk4  |
| 17_06.rawmk4 | 18_14.rawmk4 | 19_51.rawmk4 | 21_03.rawmk4 | 22_08.rawmk4  |
| 17_09.rawmk4 | 18_17.rawmk4 | 19_54.rawmk4 | 21_06.rawmk4 | 22_10.rawmk4  |
| 17_12.rawmk4 | 18_20.rawmk4 | 19_57.rawmk4 | 21_09.rawmk4 | 22_13.rawmk4  |
| 17_15.rawmk4 | 18_23.rawmk4 | 20_00.rawmk4 | 21_12.rawmk4 | 22_16.rawmk4  |
| 17_18.rawmk4 | 18_29.rawmk4 | 20_03.rawmk4 | 21_15.rawmk4 | 22_19.rawmk4  |
| 17_20.rawmk4 | 18_35.rawmk4 | 20_06.rawmk4 | 21_18.rawmk4 | 22_22.rawmk4  |
| 17_23.rawmk4 | 18_42.rawmk4 | 20_09.rawmk4 | 21_21.rawmk4 | 22_25.rawmk4  |
| 17_26.rawmk4 | 19_07.rawmk4 | 20_19.rawmk4 | 21_24.rawmk4 | 22_28.rawmk4  |
| 17_29.rawmk4 | 19_10.rawmk4 | 20_22.rawmk4 | 21_26.rawmk4 | 22_31.rawmk4  |
| 17_32.rawmk4 | 19_13.rawmk4 | 20_25.rawmk4 | 21_29.rawmk4 | c18_26.rawmk4 |
| 17_35.rawmk4 | 19_16.rawmk4 | 20_28.rawmk4 | 21_32.rawmk4 | c18_32.rawmk4 |
| 17_38.rawmk4 | 19_19.rawmk4 | 20_31.rawmk4 | 21_35.rawmk4 | c18_39.rawmk4 |

17\_41.rawmk4 19\_22.rawmk4 20\_34.rawmk4 21\_38.rawmk4