

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Mon Jun 17 16:20:10 GMT 2013

Year: 13 Doy: 168

Observer: berkey

Mon Jun 17 16:26:28 GMT 2013 CHIP Start Patrol

Mon Jun 17 16:29:21 GMT 2013: PSPT Start Patrol

Mon Jun 17 16:42:09 GMT 2013: PSPT Abort Patrol

Mon Jun 17 16:42:15 GMT 2013: PSPT Abort Patrol

Mon Jun 17 16:42:20 GMT 2013: PSPT Abort Patrol

Mon Jun 17 16:42:26 GMT 2013: PSPT Abort Patrol

Mon Jun 17 16:42:32 GMT 2013: PSPT Abort Patrol

Mon Jun 17 16:42:38 GMT 2013: PSPT Abort Patrol

Mon Jun 17 16:42:44 GMT 2013: PSPT Abort Patrol

Mon Jun 17 17:05:15 GMT 2013: PSPT Start Patrol

WEATHER COMMENT: Mon Jun 17 17:06:04 GMT 2013

temp 48f, very light wind from the east, cirrus haze covering the sky delaying comp/mk4 for at least the next few hours  
\_\_\_\_end\_\_\_\_

Mon Jun 17 18:02:41 GMT 2013 CHIP LSD

Mon Jun 17 18:04:28 GMT 2013 CHIP End LSD

Mon Jun 17 18:04:34 GMT 2013 CHIP BiasLSD

Mon Jun 17 18:05:22 GMT 2013 CHIP End BiasLSD

Mon Jun 17 18:05:28 GMT 2013 CHIP Bias

Mon Jun 17 18:06:11 GMT 2013 CHIP End Bias

Mon Jun 17 18:06:16 GMT 2013 CHIP ReStart Patrol

Mon Jun 17 19:25:53 GMT 2013: PSPT Start Patrol

Mon Jun 17 19:46:08 GMT 2013 CHIP End Patrol

Mon Jun 17 19:50:29 GMT 2013 MKIV Start Patrol

Mon Jun 17 19:50:27 GMT 2013 COMP Start Patrol

NOTE BY BEN: Mon Jun 17 19:50:39 GMT 2013

Bottom shutter moved down.  
\_\_\_\_end\_\_\_\_

Mon Jun 17 19:51:29 GMT 2013 CHIP Start Patrol

NOTE BY BEN: Mon Jun 17 19:50:45 GMT 2013

Cirrus has burned off enough to run comp/mk4  
\_\_\_\_end\_\_\_\_

Mon Jun 17 20:21:37 GMT 2013 MKIV End Patrol

Mon Jun 17 20:21:43 GMT 2013 MKIV Start Cal

Mon Jun 17 20:40:24 GMT 2013 MKIV End Cal

Mon Jun 17 20:40:31 GMT 2013 MKIV Start Patrol

Mon Jun 17 21:40:47 GMT 2013: PSPT Start Patrol

Mon Jun 17 21:54:26 GMT 2013: PSPT Abort Patrol

Mon Jun 17 21:54:36 GMT 2013: PSPT Abort Patrol

Mon Jun 17 21:54:47 GMT 2013: PSPT Abort Patrol

PSPT COMMENT BY BEN: Mon Jun 17 21:54:42 GMT 2013

Pspt lost tracking in RA. Coolant lines and data cables don't appear to be binding.  
\_\_\_\_end\_\_\_\_

Mon Jun 17 22:17:17 GMT 2013: PSPT Start Patrol  
Mon Jun 17 22:49:54 GMT 2013 COMP End Patrol  
Mon Jun 17 22:49:57 GMT 2013 COMP Start Patrol  
Mon Jun 17 23:00:41 GMT 2013 CHIP LSD  
Mon Jun 17 23:02:26 GMT 2013 CHIP End LSD  
Mon Jun 17 23:02:35 GMT 2013 CHIP BiasLSD  
Mon Jun 17 23:03:10 GMT 2013 CHIP End BiasLSD  
NOTE BY BEN: Mon Jun 17 23:02:47 GMT 2013

Some passing clouds

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

Mon Jun 17 23:03:26 GMT 2013 CHIP Bias  
Mon Jun 17 23:04:03 GMT 2013 CHIP End Bias  
Mon Jun 17 23:04:18 GMT 2013 CHIP ReStart Patrol  
Mon Jun 17 23:32:04 GMT 2013 MKIV End Patrol  
Mon Jun 17 23:31:48 GMT 2013 COMP End Patrol  
NOTE BY BEN: Mon Jun 17 23:32:03 GMT 2013

Idling Mk4, comp and shabar for clouds

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

Mon Jun 17 23:50:03 GMT 2013 MKIV Start Patrol  
Tue Jun 18 00:19:08 GMT 2013 Tue Jun 18 00:19:48 GMT 2013 CHIP End Patrol

: PSPT Abort Patrol

Tue Jun 18 00:19:24 GMT 2013 NOTE BY BEN: Tue Jun 18 00:19:11 GMT 2013

Thick overcast of clouds moving in from the south

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

Tue Jun 18 00:19:27 GMT 2013 MKIV End Patrol

: PSPT Abort Patrol

Tue Jun 18 02:41:26 GMT 2013

MkIV

|              |              |              |              |               |
|--------------|--------------|--------------|--------------|---------------|
| 19_50.rawmk4 | 20_49.rawmk4 | 21_36.rawmk4 | 22_23.rawmk4 | 23_11.rawmk4  |
| 19_54.rawmk4 | 20_52.rawmk4 | 21_39.rawmk4 | 22_26.rawmk4 | 23_13.rawmk4  |
| 19_57.rawmk4 | 20_55.rawmk4 | 21_42.rawmk4 | 22_29.rawmk4 | 23_17.rawmk4  |
| 20_00.rawmk4 | 20_58.rawmk4 | 21_45.rawmk4 | 22_32.rawmk4 | 23_19.rawmk4  |
| 20_03.rawmk4 | 21_01.rawmk4 | 21_48.rawmk4 | 22_35.rawmk4 | 23_22.rawmk4  |
| 20_06.rawmk4 | 21_04.rawmk4 | 21_51.rawmk4 | 22_38.rawmk4 | 23_25.rawmk4  |
| 20_09.rawmk4 | 21_07.rawmk4 | 21_54.rawmk4 | 22_41.rawmk4 | 23_28.rawmk4  |
| 20_12.rawmk4 | 21_09.rawmk4 | 21_57.rawmk4 | 22_44.rawmk4 | 23_50.rawmk4  |
| 20_15.rawmk4 | 21_12.rawmk4 | 22_00.rawmk4 | 22_47.rawmk4 | 23_53.rawmk4  |
| 20_18.rawmk4 | 21_15.rawmk4 | 22_02.rawmk4 | 22_50.rawmk4 | c20_21.rawmk4 |
| 20_24.rawmk4 | 21_18.rawmk4 | 22_05.rawmk4 | 22_53.rawmk4 | c20_27.rawmk4 |
| 20_30.rawmk4 | 21_21.rawmk4 | 22_08.rawmk4 | 22_56.rawmk4 | c20_33.rawmk4 |
| 20_37.rawmk4 | 21_24.rawmk4 | 22_11.rawmk4 | 22_59.rawmk4 |               |
| 20_40.rawmk4 | 21_27.rawmk4 | 22_14.rawmk4 | 23_02.rawmk4 |               |
| 20_43.rawmk4 | 21_30.rawmk4 | 22_17.rawmk4 | 23_05.rawmk4 |               |
| 20_46.rawmk4 | 21_33.rawmk4 | 22_20.rawmk4 | 23_08.rawmk4 |               |