
Mauna Loa Solar Observatory Observer's Log

Mon Jun 20 16:32:24 GMT 2011

Year: 11 Doy: 171

Observer: berkey

Mon Jun 20 16:38:49 GMT 2011 MKIV Start Patrol
Mon Jun 20 16:39:22 GMT 2011 H-ALPHA Start Patrol
Mon Jun 20 16:40:29 GMT 2011 CHIP Start Patrol
Mon Jun 20 16:45:49 GMT 2011: PSPT Start Patrol
Mon Jun 20 17:19:26 GMT 2011 COMP Start Patrol
Mon Jun 20 17:20:19 GMT 2011 MKIV End Patrol
Mon Jun 20 17:20:25 GMT 2011 MKIV Start Cal

WEATHER COMMENT: Mon Jun 20 17:31:38 GMT 2011

Clear skies, wind 3mph from S, temp 43F

___end___

Mon Jun 20 17:39:09 GMT 2011 MKIV End Cal
Mon Jun 20 17:39:19 GMT 2011 MKIV Start Patrol
Mon Jun 20 18:01:45 GMT 2011 CHIP LSD
Mon Jun 20 18:03:18 GMT 2011 CHIP End LSD
Mon Jun 20 18:03:28 GMT 2011 CHIP BiasLSD
Mon Jun 20 18:04:15 GMT 2011 CHIP End BiasLSD
Mon Jun 20 18:04:23 GMT 2011 CHIP Bias
Mon Jun 20 18:04:54 GMT 2011 CHIP End Bias
Mon Jun 20 18:05:02 GMT 2011 CHIP ReStart Patrol

****EVENT COMMENT BY BEN****: Mon Jun 20 18:30:32 GMT 2011

Small epl on the backside of the sun near PA40 at about 17ut

___end___

PSPT PROBLEM COMMENT BY BEN: Mon Jun 20 19:34:00 GMT 2011

Friday afternoon the lower shutter was not completely closed; such that the upper shutter was forced stopped by the rain guard about 1. before hitting the motor switch. By the time this was discovered after the daily log was submitted the drive motor had over heated and apparently burned out. It appears there was no damage to the rest of the shutter drive train; and we are able to manually open and close. Before leaving on Friday the dome was secured with both shutters closed and note was left for the weekend observers. We do not appear to have spare motor at the observatory but they are available commercially and tomorrow I will take the motor into a local repair shop (I believe this is the one we used in 2003 the last time this happened) to get an estimate on repairs.

___end___

Mon Jun 20 20:03:13 GMT 2011 COMP End Patrol
Mon Jun 20 20:05:51 GMT 2011 H-ALPHA End Patrol
Mon Jun 20 20:06:40 GMT 2011 MKIV End Patrol
Mon Jun 20 20:19:15 GMT 2011 H-ALPHA Start Patrol
NOTE BY BEN: Mon Jun 20 20:19:43 GMT 2011

bottom shutter moved down

___end___

Mon Jun 20 20:19:59 GMT 2011 MKIV Start Patrol

Mon Jun 20 20:21:04 GMT 2011 COMP Start Patrol

NOTE BY BEN: Mon Jun 20 20:20:56 GMT 2011

clouds starting to form

____end____

Mon Jun 20 22:40:12 GMT 2011 COMP End Patrol

NOTE BY BEN: Mon Jun 20 22:40:01 GMT 2011

clouds getting thicker, idling coronal instruments

____end____

Mon Jun 20 22:41:37 GMT 2011 MKIV End Patrol

Mon Jun 20 22:50:55 GMT 2011 MKIV Start Patrol

NOTE BY BEN: Mon Jun 20 23:01:44 GMT 2011

Cloud free again

____end____

Mon Jun 20 23:02:09 GMT 2011 COMP Start Patrol

Mon Jun 20 23:02:48 GMT 2011 CHIP LSD

Mon Jun 20 23:04:18 GMT 2011 CHIP End LSD

Mon Jun 20 23:04:27 GMT 2011 CHIP BiasLSD

Mon Jun 20 23:05:03 GMT 2011 CHIP End BiasLSD

Mon Jun 20 23:05:11 GMT 2011 CHIP Bias

Mon Jun 20 23:05:54 GMT 2011 CHIP End Bias

Mon Jun 20 23:06:02 GMT 2011 CHIP ReStart Patrol

Mon Jun 20 23:57:47 GMT 2011 COMP End Patrol

Tue Jun 21 00:01:41 GMT 2011 MKIV End Patrol

Tue Jun 21 00:05:49 GMT 2011 CHIP End Patrol

Tue Jun 21 00:06:21 GMT 2011: PSPT Abort Patrol

Tue Jun 21 00:07:21 GMT 2011 H-ALPHA End Patrol

NOTE BY BEN: Tue Jun 21 00:09:02 GMT 2011

Domes are closed

____end____

GONG COMMENT BY BEN: Tue Jun 21 02:10:37 GMT 2011

Gong weekly PM was preformed at 7:30am this morning in response to Berts message about DLT1 needing a cleaning tape

____end____

Tue Jun 21 02:14:10 GMT 2011

MkIV

16_38.rawmk4	18_14.rawmk4	19_39.rawmk4	21_18.rawmk4	22_53.rawmk4
16_41.rawmk4	18_17.rawmk4	19_42.rawmk4	21_21.rawmk4	22_56.rawmk4
16_44.rawmk4	18_20.rawmk4	19_45.rawmk4	21_24.rawmk4	22_59.rawmk4
16_47.rawmk4	18_23.rawmk4	19_48.rawmk4	21_27.rawmk4	23_02.rawmk4
16_50.rawmk4	18_26.rawmk4	19_51.rawmk4	21_30.rawmk4	23_05.rawmk4
16_53.rawmk4	18_29.rawmk4	19_54.rawmk4	21_33.rawmk4	23_08.rawmk4
16_56.rawmk4	18_32.rawmk4	19_57.rawmk4	21_36.rawmk4	23_11.rawmk4
16_59.rawmk4	18_35.rawmk4	20_00.rawmk4	21_39.rawmk4	23_14.rawmk4
17_02.rawmk4	18_38.rawmk4	20_03.rawmk4	21_42.rawmk4	23_17.rawmk4
17_05.rawmk4	18_41.rawmk4	20_20.rawmk4	21_45.rawmk4	23_20.rawmk4
17_08.rawmk4	18_44.rawmk4	20_22.rawmk4	21_48.rawmk4	23_23.rawmk4
17_11.rawmk4	18_46.rawmk4	20_25.rawmk4	21_51.rawmk4	23_26.rawmk4

17_14.rawmk4	18_49.rawmk4	20_28.rawmk4	21_54.rawmk4	23_29.rawmk4
17_17.rawmk4	18_52.rawmk4	20_31.rawmk4	21_57.rawmk4	23_31.rawmk4
17_23.rawmk4	18_55.rawmk4	20_34.rawmk4	22_00.rawmk4	23_35.rawmk4
17_29.rawmk4	18_58.rawmk4	20_37.rawmk4	22_02.rawmk4	23_37.rawmk4
17_35.rawmk4	19_01.rawmk4	20_40.rawmk4	22_05.rawmk4	23_40.rawmk4
17_39.rawmk4	19_04.rawmk4	20_43.rawmk4	22_08.rawmk4	23_43.rawmk4
17_42.rawmk4	19_07.rawmk4	20_46.rawmk4	22_11.rawmk4	23_46.rawmk4
17_45.rawmk4	19_10.rawmk4	20_49.rawmk4	22_14.rawmk4	23_49.rawmk4
17_48.rawmk4	19_13.rawmk4	20_52.rawmk4	22_17.rawmk4	23_52.rawmk4
17_51.rawmk4	19_16.rawmk4	20_55.rawmk4	22_20.rawmk4	23_55.rawmk4
17_54.rawmk4	19_19.rawmk4	20_58.rawmk4	22_23.rawmk4	23_58.rawmk4
17_57.rawmk4	19_22.rawmk4	21_01.rawmk4	22_26.rawmk4	c17_20.rawmk4
17_59.rawmk4	19_25.rawmk4	21_04.rawmk4	22_29.rawmk4	c17_26.rawmk4
18_02.rawmk4	19_28.rawmk4	21_07.rawmk4	22_32.rawmk4	c17_32.rawmk4
18_05.rawmk4	19_31.rawmk4	21_09.rawmk4	22_35.rawmk4	
18_08.rawmk4	19_33.rawmk4	21_12.rawmk4	22_38.rawmk4	
18_11.rawmk4	19_36.rawmk4	21_15.rawmk4	22_50.rawmk4	