
Mauna Loa Solar Observatory Observer's Log

Wed May 15 16:33:21 GMT 2013

Year: 13 Doy: 135

Observer: berkey

WEATHER COMMENT: Wed May 15 16:39:03 GMT 2013

temp 42f, wind 8mph from SE, thin cirrus cover the sky

____end____

Wed May 15 16:40:07 GMT 2013 CHIP Start Patrol

Wed May 15 16:40:15 GMT 2013 COMP Start Patrol

Wed May 15 16:41:51 GMT 2013: PSPT Start Patrol

Wed May 15 16:51:16 GMT 2013 COMP End Patrol

Wed May 15 17:34:27 GMT 2013 MKIV Start Patrol

Wed May 15 17:40:56 GMT 2013 COMP Start Patrol

MKIV COMMENT BY BEN: Wed May 15 17:44:41 GMT 2013

For some odd reason, MK4 data appears blank/blocked in the NW quadrant. I see no optical reason why this would be the case. Manual shutter is all the way open and no obstructions were seen in the telescope tube.

____end____

MKIV COMMENT BY BEN: Wed May 15 17:46:33 GMT 2013

Sky also looks good, and bad data seen repeatable found in the same region of the barrel rotation

____end____

NOTE BY BEN: Wed May 15 17:51:27 GMT 2013

Guider having trouble in Dec. Lots of oscillations in the o-scope and error won't converge to zero (jumps between either large positive or large negative error)

____end____

Wed May 15 18:01:39 GMT 2013 CHIP LSD

Wed May 15 18:03:43 GMT 2013 CHIP End LSD

Wed May 15 18:03:52 GMT 2013 CHIP BiasLSD

Wed May 15 18:04:43 GMT 2013 CHIP End BiasLSD

Wed May 15 18:04:53 GMT 2013 CHIP Bias

Wed May 15 18:05:35 GMT 2013 CHIP End Bias

Wed May 15 18:05:44 GMT 2013 CHIP ReStart Patrol

Wed May 15 18:22:20 GMT 2013 MKIV End Patrol

Wed May 15 18:22:25 GMT 2013 MKIV Start Cal

Wed May 15 18:41:22 GMT 2013 MKIV End Cal

Wed May 15 18:41:32 GMT 2013 MKIV Start Patrol

Wed May 15 20:20:35 GMT 2013 CHIP End Patrol

Wed May 15 20:38:10 GMT 2013 COMP End Patrol

Wed May 15 20:39:48 GMT 2013 MKIV End Patrol

Wed May 15 20:45:22 GMT 2013 MKIV Start Patrol

Wed May 15 20:45:50 GMT 2013 CHIP Start Patrol

NOTE BY BEN: Wed May 15 20:46:01 GMT 2013

Shutter moved

____end____

Wed May 15 20:46:11 GMT 2013 COMP Start Patrol

NOTE BY BEN: Wed May 15 20:48:21 GMT 2013

Dec guiding is still pretty bad

___end___

NOTE BY BEN: Wed May 15 22:04:12 GMT 2013

Wind now gusting up to 27mph

___end___

NOTE BY BEN: Wed May 15 22:14:08 GMT 2013

Starting to see some thing cirrus, mostly toward the SW

___end___

NOTE BY BEN: Wed May 15 22:29:42 GMT 2013

Dome slot needs to be rotated north not south as is done for most of the year.

___end___

Wed May 15 23:01:10 GMT 2013 COMP End Patrol

Wed May 15 23:01:30 GMT 2013 MKIV End Patrol

Wed May 15 23:01:39 GMT 2013 CHIP LSD

Wed May 15 23:03:29 GMT 2013 CHIP End LSD

Wed May 15 23:03:39 GMT 2013 CHIP BiasLSD

Wed May 15 23:04:14 GMT 2013 CHIP End BiasLSD

Wed May 15 23:04:25 GMT 2013 CHIP Bias

Wed May 15 23:05:19 GMT 2013 CHIP End Bias

Wed May 15 23:05:26 GMT 2013 CHIP ReStart Patrol

Wed May 15 23:46:57 GMT 2013 MKIV Start Patrol

Wed May 15 23:47:08 GMT 2013 COMP Start Patrol

Thu May 16 00:13:46 GMT 2013: PSPT Abort Patrol

NOTE BY BEN: Thu May 16 00:13:54 GMT 2013

Domes shuttered for fast moving low clouds comming out of the west

___end___

Thu May 16 00:13:54 GMT 2013 CHIP End Patrol

Thu May 16 00:14:10 GMT 2013Thu May 16 00:13:57 GMT 2013 COMP End Patrol

: PSPT Abort Patrol

Thu May 16 00:16:58 GMT 2013 MKIV End Patrol

NOTE BY BEN: Thu May 16 02:07:04 GMT 2013

A nice shear line in the clouds as developed very near MLSO extending from the saddle over the summit. Unfortunately MLSO keeps dipping into the fog, but NOAA weather tower is out in the sun.

___end___

Thu May 16 02:26:17 GMT 2013

MkIV

00_01.rawmk4	18_41.rawmk4	19_52.rawmk4	21_08.rawmk4	22_19.rawmk4
00_04.rawmk4	18_44.rawmk4	19_55.rawmk4	21_11.rawmk4	22_22.rawmk4
00_07.rawmk4	18_47.rawmk4	19_58.rawmk4	21_14.rawmk4	22_25.rawmk4
00_10.rawmk4	18_50.rawmk4	20_01.rawmk4	21_17.rawmk4	22_28.rawmk4
00_13.rawmk4	18_53.rawmk4	20_04.rawmk4	21_20.rawmk4	22_31.rawmk4
17_34.rawmk4	18_56.rawmk4	20_07.rawmk4	21_23.rawmk4	22_34.rawmk4
17_37.rawmk4	18_59.rawmk4	20_10.rawmk4	21_26.rawmk4	22_37.rawmk4
17_40.rawmk4	19_02.rawmk4	20_13.rawmk4	21_29.rawmk4	22_40.rawmk4
17_43.rawmk4	19_05.rawmk4	20_15.rawmk4	21_32.rawmk4	22_43.rawmk4
17_46.rawmk4	19_08.rawmk4	20_18.rawmk4	21_35.rawmk4	22_46.rawmk4
17_49.rawmk4	19_11.rawmk4	20_21.rawmk4	21_38.rawmk4	22_49.rawmk4
17_52.rawmk4	19_14.rawmk4	20_24.rawmk4	21_41.rawmk4	22_52.rawmk4

17_55.rawmk4	19_16.rawmk4	20_27.rawmk4	21_44.rawmk4	22_55.rawmk4
17_58.rawmk4	19_19.rawmk4	20_30.rawmk4	21_47.rawmk4	22_58.rawmk4
18_01.rawmk4	19_22.rawmk4	20_33.rawmk4	21_50.rawmk4	23_46.rawmk4
18_04.rawmk4	19_25.rawmk4	20_36.rawmk4	21_53.rawmk4	23_49.rawmk4
18_07.rawmk4	19_28.rawmk4	20_45.rawmk4	21_56.rawmk4	23_52.rawmk4
18_10.rawmk4	19_31.rawmk4	20_48.rawmk4	21_59.rawmk4	23_55.rawmk4
18_13.rawmk4	19_34.rawmk4	20_51.rawmk4	22_02.rawmk4	23_58.rawmk4
18_16.rawmk4	19_37.rawmk4	20_54.rawmk4	22_05.rawmk4	c18_22.rawmk4
18_19.rawmk4	19_40.rawmk4	20_57.rawmk4	22_08.rawmk4	c18_28.rawmk4
18_25.rawmk4	19_43.rawmk4	21_00.rawmk4	22_11.rawmk4	c18_34.rawmk4
18_31.rawmk4	19_46.rawmk4	21_03.rawmk4	22_13.rawmk4	
18_37.rawmk4	19_49.rawmk4	21_06.rawmk4	22_16.rawmk4	