
Mauna Loa Solar Observatory Observer's Log

Wed Dec 12 17:13:06 GMT 2012

Year: 12 Doy: 347

Observer: berkey

NOTE BY BEN: Wed Dec 12 17:29:07 GMT 2012

patchy cirrus, temp 35, wind 10mph from SW

____end____

Wed Dec 12 17:32:10 GMT 2012 CHIP Start Patrol
Wed Dec 12 17:48:51 GMT 2012 MKIV Start Patrol
Wed Dec 12 17:55:01 GMT 2012 MKIV End Patrol
Wed Dec 12 18:02:59 GMT 2012 CHIP LSD
Wed Dec 12 18:05:00 GMT 2012 CHIP End LSD
Wed Dec 12 18:05:09 GMT 2012 CHIP BiasLSD
Wed Dec 12 18:05:21 GMT 2012 MKIV Start Patrol
Wed Dec 12 18:06:07 GMT 2012 CHIP End BiasLSD
Wed Dec 12 18:06:18 GMT 2012 CHIP Bias
Wed Dec 12 18:07:14 GMT 2012 CHIP End Bias
Wed Dec 12 18:07:21 GMT 2012 CHIP ReStart Patrol

Wed Dec 12 18:07:50 GMT 2012 COMP Start Patrol

Wed Dec 12 18:28:15 GMT 2012 COMP End Patrol

NOTE BY BEN: Wed Dec 12 18:28:11 GMT 2012

Idling comp and mk4 cirrus invasion from the SE

____end____

Wed Dec 12 18:29:25 GMT 2012 MKIV End Patrol
Wed Dec 12 18:46:19 GMT 2012 MKIV Start Patrol
Wed Dec 12 18:46:30 GMT 2012 COMP Start Patrol
Wed Dec 12 19:01:01 GMT 2012: PSPT Start Patrol
Wed Dec 12 19:02:00 GMT 2012 COMP End Patrol
Wed Dec 12 19:10:06 GMT 2012 MKIV End Patrol
Wed Dec 12 19:39:22 GMT 2012 MKIV Start Cal
Wed Dec 12 19:40:03 GMT 2012 COMP Start Patrol
Wed Dec 12 19:50:18 GMT 2012

MkIV

17_48.rawmk4 18_14.rawmk4 18_46.rawmk4 19_01.rawmk4 c19_45.rawmk4
17_51.rawmk4 18_17.rawmk4 18_49.rawmk4 19_03.rawmk4
18_05.rawmk4 18_20.rawmk4 18_52.rawmk4 19_06.rawmk4
18_08.rawmk4 18_23.rawmk4 18_55.rawmk4 19_42.rawmk4
18_11.rawmk4 18_26.rawmk4 18_58.rawmk4 c19_39.rawmk4

Mauna Loa Solar Observatory Observer's Log

Wed Dec 12 19:51:23 GMT 2012

Year: 12 Doy: 347

Observer: berkey

MKIV COMMENT BY BEN: Wed Dec 12 19:51:24 GMT 2012

Canceled Cal to facilitate mk4 work

____end____

Wed Dec 12 19:55:35 GMT 2012 MKIV Start Patrol

MKIV COMMENT BY BEN: Wed Dec 12 19:55:42 GMT 2012

Prism moved, opal in taking scan

____end____

MKIV COMMENT BY BEN: Wed Dec 12 19:57:16 GMT 2012

Oops opal out

____end____

Wed Dec 12 20:00:57 GMT 2012 COMP End Patrol

Wed Dec 12 20:01:50 GMT 2012 MKIV End Patrol

Wed Dec 12 20:02:09 GMT 2012 MKIV Start Patrol

MKIV COMMENT BY BEN: Wed Dec 12 20:02:11 GMT 2012

Scanning now with opal in (and some clouds)

____end____

Wed Dec 12 20:08:23 GMT 2012 MKIV End Patrol

Wed Dec 12 20:13:25 GMT 2012 MKIV Start Patrol

MKIV COMMENT BY BEN: Wed Dec 12 20:13:29 GMT 2012

One more moved of the prism, taking opal scan

____end____

Wed Dec 12 20:14:57 GMT 2012 COMP Start Patrol

Wed Dec 12 20:19:44 GMT 2012 MKIV End Patrol

Wed Dec 12 20:20:44 GMT 2012 MKIV Start Patrol

MKIV COMMENT BY BEN: Wed Dec 12 20:20:46 GMT 2012

Taking a scan with opal out

____end____

MKIV COMMENT BY BEN: Wed Dec 12 20:21:59 GMT 2012

Looks like no cornal signal in the psudo-cal image now

____end____

Wed Dec 12 20:27:06 GMT 2012 MKIV End Patrol

Wed Dec 12 20:28:30 GMT 2012 MKIV Start Patrol

MKIV COMMENT BY BEN: Wed Dec 12 20:28:21 GMT 2012

Prisim move, taking scan w/o opal

____end____

Wed Dec 12 20:34:47 GMT 2012 MKIV End Patrol

Wed Dec 12 20:35:42 GMT 2012 MKIV Start Patrol

MKIV COMMENT BY BEN: Wed Dec 12 20:35:45 GMT 2012

Prism move, taking scan w/o opal

____end____

Wed Dec 12 20:41:50 GMT 2012 MKIV End Patrol

Wed Dec 12 20:43:37 GMT 2012 MKIV Start Patrol

MKIV COMMENT BY BEN: Wed Dec 12 20:43:42 GMT 2012

Prism move, taking scan w/o opal

____end____

Wed Dec 12 21:01:45 GMT 2012 MKIV End Patrol

Wed Dec 12 21:02:49 GMT 2012 MKIV Start Patrol

MKIV COMMENT BY BEN: Wed Dec 12 21:02:57 GMT 2012

prisim moved again, taking scan

___end___

Wed Dec 12 21:09:01 GMT 2012 MKIV End Patrol
Wed Dec 12 21:09:29 GMT 2012 MKIV Start Patrol
MKIV COMMENT BY BEN: Wed Dec 12 21:10:40 GMT 2012
Moved back to the 20:43 config, taking data

___end___

Wed Dec 12 21:21:31 GMT 2012 MKIV End Patrol
MKIV COMMENT BY BEN: Wed Dec 12 21:38:41 GMT 2012
Height mask in

___end___

Wed Dec 12 21:39:05 GMT 2012 MKIV Start Cal
Wed Dec 12 21:57:50 GMT 2012 MKIV End Cal
Wed Dec 12 22:01:26 GMT 2012 MKIV Start Cal
Wed Dec 12 22:07:11 GMT 2012 COMP End Patrol
Wed Dec 12 22:26:40 GMT 2012 MKIV Start Cal
Wed Dec 12 22:45:30 GMT 2012 MKIV End Cal
Wed Dec 12 23:01:38 GMT 2012 CHIP LSD
Wed Dec 12 23:03:34 GMT 2012 CHIP End LSD
Wed Dec 12 23:03:43 GMT 2012 CHIP BiasLSD
Wed Dec 12 23:04:30 GMT 2012 CHIP End BiasLSD
Wed Dec 12 23:04:43 GMT 2012 CHIP Bias
Wed Dec 12 23:05:30 GMT 2012 CHIP End Bias
Wed Dec 12 23:05:37 GMT 2012 CHIP ReStart Patrol
Wed Dec 12 23:06:21 GMT 2012 MKIV End Patrol
Wed Dec 12 23:16:21 GMT 2012 MKIV Start Patrol
Wed Dec 12 23:20:16 GMT 2012 MKIV End Patrol
Wed Dec 12 23:34:26 GMT 2012 MKIV End Patrol
Wed Dec 12 23:34:43 GMT 2012 MKIV Start Cal
Wed Dec 12 23:55:20 GMT 2012 MKIV End Cal
Thu Dec 13 00:23:00 GMT 2012 MKIV Start Cal

MKIV COMMENT BY BEN: Thu Dec 13 00:26:44 GMT 2012

Height mask secured to prevent rotation. Due to the way the fuducial is defined for the mas it was possible for it to rotate a degree or 2 w.r.t the occulting disk during barrel rotation. I added a little tape to prevent the mask rotation and I am taking a new set of calibrations. Right now where is a very light hazy, not enough to see structure by eye but it doesnt look coronal.

___end___

Thu Dec 13 00:42:06 GMT 2012 MKIV End Cal
Thu Dec 13 00:54:11 GMT 2012 MKIV Start Patrol
MKIV COMMENT BY BEN: Thu Dec 13 00:54:18 GMT 2012

Height mask is out. However I think we left it near a focus to long. It appears to have a lot of thermal damage to the plastic that makes up the mask.

___end___

MKIV COMMENT BY BEN: Thu Dec 13 00:55:46 GMT 2012

Started mask out scan with opal in. Ladder part of the scan shows a lot of clouds.

___end___

Thu Dec 13 01:00:30 GMT 2012 MKIV End Patrol
Thu Dec 13 01:31:09 GMT 2012 CHIP End Patrol

Thu Dec 13 01:31:31 GMT 2012: PSPT Abort Patrol

NOTE BY BEN: Thu Dec 13 01:42:43 GMT 2012

SHABAR moved about 1" toward the center of the spar. This should help eliminate a problem where we dome vingetting on one of the 6 photo diodes in the early morning.

____end____

Thu Dec 13 01:44:00 GMT 2012

MkIV

00_26.rawmk4	18_52.rawmk4	20_35.rawmk4	22_04.rawmk4	c00_35.rawmk4
00_32.rawmk4	18_55.rawmk4	20_38.rawmk4	22_10.rawmk4	c19_39.rawmk4
00_38.rawmk4	18_58.rawmk4	20_43.rawmk4	22_16.rawmk4	c19_45.rawmk4
00_54.rawmk4	19_01.rawmk4	20_46.rawmk4	22_29.rawmk4	c21_39.rawmk4
00_57.rawmk4	19_03.rawmk4	20_49.rawmk4	22_35.rawmk4	c21_45.rawmk4
17_48.rawmk4	19_06.rawmk4	20_52.rawmk4	22_42.rawmk4	c21_51.rawmk4
17_51.rawmk4	19_42.rawmk4	20_55.rawmk4	23_16.rawmk4	c22_01.rawmk4
18_05.rawmk4	19_55.rawmk4	20_58.rawmk4	23_19.rawmk4	c22_07.rawmk4
18_08.rawmk4	19_58.rawmk4	21_02.rawmk4	23_22.rawmk4	c22_13.rawmk4
18_11.rawmk4	20_02.rawmk4	21_05.rawmk4	23_25.rawmk4	c22_26.rawmk4
18_14.rawmk4	20_05.rawmk4	21_09.rawmk4	23_28.rawmk4	c22_32.rawmk4
18_17.rawmk4	20_13.rawmk4	21_12.rawmk4	23_31.rawmk4	c22_39.rawmk4
18_20.rawmk4	20_16.rawmk4	21_15.rawmk4	23_37.rawmk4	c23_34.rawmk4
18_23.rawmk4	20_20.rawmk4	21_18.rawmk4	23_44.rawmk4	
18_26.rawmk4	20_23.rawmk4	21_42.rawmk4	23_51.rawmk4	
18_46.rawmk4	20_28.rawmk4	21_48.rawmk4	c00_22.rawmk4	
18_49.rawmk4	20_31.rawmk4	21_54.rawmk4	c00_29.rawmk4	