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Mauna Loa Solar Observatory Observer's Log  
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Mon Dec 10 17:19:01 GMT 2012

Year: 12 Doy: 345

Observer: berkey

WEATHER COMMENT: Mon Dec 10 17:21:03 GMT 2012

Clear skies, temp 40f, wind 12mph from SE

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

Mon Dec 10 17:48:02 GMT 2012: PSPT Start Patrol

Mon Dec 10 17:49:21 GMT 2012 CHIP Start Patrol

Mon Dec 10 18:01:47 GMT 2012 CHIP LSD

Mon Dec 10 18:03:45 GMT 2012 CHIP End LSD

Mon Dec 10 18:03:51 GMT 2012 CHIP BiasLSD

Mon Dec 10 18:04:50 GMT 2012 CHIP End BiasLSD

Mon Dec 10 18:04:56 GMT 2012 CHIP Bias

Mon Dec 10 18:05:36 GMT 2012 CHIP End Bias

Mon Dec 10 18:05:42 GMT 2012 CHIP ReStart Patrol

Mon Dec 10 18:52:18 GMT 2012 MKIV Start Patrol

Mon Dec 10 18:56:25 GMT 2012 MKIV End Patrol

MKIV COMMENT BY BEN: Mon Dec 10 18:56:57 GMT 2012

Trying a baseline set of images on MK4.

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

Mon Dec 10 18:59:46 GMT 2012 MKIV End Patrol

MKIV COMMENT BY BEN: Mon Dec 10 19:07:11 GMT 2012

Moved mangin and prisim to move light down the slight

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

Mon Dec 10 19:07:46 GMT 2012 MKIV Start Patrol

Mon Dec 10 19:14:39 GMT 2012 MKIV End Patrol

MKIV COMMENT BY BEN: Mon Dec 10 19:15:07 GMT 2012

Reset gain and offset correct files to 2010 09 15

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

Mon Dec 10 19:15:31 GMT 2012 MKIV Start Patrol

MKIV COMMENT BY BEN: Mon Dec 10 19:16:04 GMT 2012

No apparent change in realtime scan window, Did gain and offset not change.

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

MKIV COMMENT BY BEN: Mon Dec 10 19:18:40 GMT 2012

Clouds in this scan

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

Mon Dec 10 19:21:40 GMT 2012 MKIV End Patrol

Mon Dec 10 21:34:52 GMT 2012 MKIV Start Patrol

MKIV COMMENT BY BEN: Mon Dec 10 21:34:22 GMT 2012

Mangin and fold prism moved to adjust the conrona down. Doing a scan with opal in and rather thick cirus to check heights

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

Mon Dec 10 21:37:01 GMT 2012 CHIP End Patrol

Mon Dec 10 21:41:00 GMT 2012 MKIV End Patrol

Mon Dec 10 21:49:30 GMT 2012 CHIP Start Patrol

Mon Dec 10 22:50:05 GMT 2012 MKIV Start Patrol  
MKIV COMMENT BY BEN: Mon Dec 10 22:50:12 GMT 2012  
Made another mangin fold prism adjustment to bring the sun down the detector  
\_\_\_\_end\_\_\_\_

Mon Dec 10 23:01:35 GMT 2012 CHIP LSD  
Mon Dec 10 23:03:35 GMT 2012 CHIP End LSD  
Mon Dec 10 23:03:44 GMT 2012 CHIP BiasLSD  
Mon Dec 10 23:04:33 GMT 2012 CHIP End BiasLSD  
Mon Dec 10 23:04:41 GMT 2012 CHIP Bias  
Mon Dec 10 23:05:23 GMT 2012 CHIP End Bias  
Mon Dec 10 23:05:30 GMT 2012 CHIP ReStart Patrol  
Mon Dec 10 23:16:12 GMT 2012 MKIV End Patrol

MKIV COMMENT BY BEN: Mon Dec 10 23:18:29 GMT 2012  
We did another move on the mangin and fold testing again.  
\_\_\_\_end\_\_\_\_

Mon Dec 10 23:19:16 GMT 2012 MKIV Start Patrol  
Mon Dec 10 23:19:21 GMT 2012 MKIV End Patrol  
Mon Dec 10 23:20:17 GMT 2012 MKIV Start Patrol  
MKIV COMMENT BY BEN: Mon Dec 10 23:22:58 GMT 2012  
Adding opal in for left scan

\_\_\_\_end\_\_\_\_  
MKIV COMMENT BY BEN: Mon Dec 10 23:23:36 GMT 2012  
Actually opal was moved out  
\_\_\_\_end\_\_\_\_

Mon Dec 10 23:26:31 GMT 2012 MKIV End Patrol  
Tue Dec 11 00:04:56 GMT 2012 CHIP End Patrol

MKIV COMMENT BY BEN: Tue Dec 11 01:09:51 GMT 2012  
one more scan with opal mangin and prism moved to try and get the signal lower on the detector  
\_\_\_\_end\_\_\_\_

Tue Dec 11 01:10:30 GMT 2012 MKIV Start Patrol  
Tue Dec 11 01:16:38 GMT 2012 MKIV End Patrol  
Tue Dec 11 01:18:11 GMT 2012 MKIV Start Patrol

MKIV COMMENT BY BEN: Tue Dec 11 01:18:15 GMT 2012  
Change in prism pointing  
\_\_\_\_end\_\_\_\_

Tue Dec 11 01:24:21 GMT 2012 MKIV End Patrol  
Tue Dec 11 01:31:08 GMT 2012 MKIV Start Patrol  
Tue Dec 11 01:37:17 GMT 2012 MKIV End Patrol  
Tue Dec 11 01:38:40 GMT 2012 MKIV Start Patrol  
Tue Dec 11 01:44:56 GMT 2012 MKIV End Patrol  
Tue Dec 11 01:48:02 GMT 2012: PSPT Abort Patrol  
Tue Dec 11 01:48:10 GMT 2012: PSPT Abort Patrol  
Tue Dec 11 02:03:13 GMT 2012

MkIV

01\_10.rawmk4 01\_31.rawmk4 18\_52.rawmk4 19\_18.rawmk4 22\_53.rawmk4  
01\_13.rawmk4 01\_34.rawmk4 18\_56.rawmk4 21\_34.rawmk4 23\_20.rawmk4  
01\_18.rawmk4 01\_38.rawmk4 19\_07.rawmk4 21\_37.rawmk4 23\_23.rawmk4

01\_21.rawmk4 01\_41.rawmk4 19\_15.rawmk4 22\_50.rawmk4