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Mauna Loa Solar Observatory Observer's Log  
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Sun Dec 9 17:26:55 GMT 2012

Year: 12 Doy: 344

Observer: berkey

Sun Dec 9 17:36:15 GMT 2012: PSPT Start Patrol

Sun Dec 9 17:38:06 GMT 2012 CHIP Start Patrol

WEATHER COMMENT: Sun Dec 9 17:39:37 GMT 2012

Clear skies, temp 40f, wind 15mph from S.

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

Sun Dec 09 17:40:27 GMT 2012 COMP Start Patrol

CoMP COMMENT BY BEN: Sun Dec 9 17:40:06 GMT 2012

CoMP image location appears to have slightly off center clipping one of the polarizations images. I believe this is something Dennis and Steve have done in the last two days. Since I see no notes indicating otherwise I will just run the instrument in

this condition until they get here.

CoMP COMMENT BY BURKEPILE: The intensity of the data (e.g. flats) increased dramatically after the work by Steve and Dennis. Steve told us that this was because they replaced a number of optics with new AR coatings that are optimized for 1 micron and therefore the transmission losses are greatly reduced resulting in higher intensities at the detector. I am making a note of this since it is not recorded elsewhere.

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

Sun Dec 9 18:02:51 GMT 2012 CHIP LSD  
Sun Dec 9 18:04:38 GMT 2012 CHIP End LSD  
Sun Dec 9 18:04:44 GMT 2012 CHIP BiasLSD  
Sun Dec 9 18:05:31 GMT 2012 CHIP End BiasLSD  
Sun Dec 9 18:05:37 GMT 2012 CHIP Bias  
Sun Dec 9 18:06:24 GMT 2012 CHIP End Bias  
Sun Dec 9 18:06:29 GMT 2012 CHIP ReStart Patrol  
Sun Dec 09 18:45:18 GMT 2012 COMP Start Patrol  
Sun Dec 9 20:48:00 GMT 2012 MKIV End Patrol  
Sun Dec 9 20:48:04 GMT 2012 MKIV Start Patrol  
Sun Dec 9 20:54:11 GMT 2012 MKIV End Patrol  
Sun Dec 9 21:28:01 GMT 2012 MKIV Start Patrol  
Sun Dec 9 21:34:11 GMT 2012 MKIV End Patrol  
Sun Dec 09 21:39:43 GMT 2012 COMP End Patrol  
Sun Dec 09 21:39:50 GMT 2012 COMP Start Patrol  
Sun Dec 09 21:47:48 GMT 2012 COMP End Patrol  
Sun Dec 9 21:49:29 GMT 2012 MKIV Start Patrol  
Sun Dec 9 21:55:47 GMT 2012 MKIV End Patrol  
Sun Dec 9 22:38:00 GMT 2012 MKIV Start Patrol  
Sun Dec 9 22:50:51 GMT 2012 MKIV End Patrol  
Sun Dec 9 22:58:54 GMT 2012 MKIV Start Patrol  
Sun Dec 9 23:00:43 GMT 2012 CHIP LSD  
Sun Dec 9 23:02:41 GMT 2012 CHIP End LSD  
Sun Dec 9 23:02:49 GMT 2012 CHIP BiasLSD  
Sun Dec 9 23:03:31 GMT 2012 CHIP End BiasLSD  
Sun Dec 9 23:03:39 GMT 2012 CHIP Bias

Sun Dec 9 23:04:17 GMT 2012 CHIP End Bias  
Sun Dec 9 23:04:24 GMT 2012 CHIP ReStart Patrol  
Sun Dec 9 23:08:27 GMT 2012 MKIV Start Patrol  
Sun Dec 9 23:16:00 GMT 2012 MKIV End Patrol  
Sun Dec 9 23:22:24 GMT 2012 MKIV Start Patrol  
Sun Dec 9 23:28:46 GMT 2012 MKIV End Patrol  
Sun Dec 9 23:38:26 GMT 2012 MKIV End Patrol  
Sun Dec 9 23:54:23 GMT 2012 MKIV Start Patrol  
Mon Dec 10 00:18:21 GMT 2012 MKIV End Patrol  
Mon Dec 10 00:18:30 GMT 2012 MKIV Start Correct  
Mon Dec 10 00:20:04 GMT 2012 MKIV End Correct  
Mon Dec 10 00:20:38 GMT 2012 MKIV Start Patrol  
Mon Dec 10 00:32:48 GMT 2012 MKIV End Patrol  
Mon Dec 10 00:42:54 GMT 2012 MKIV Start Patrol  
Mon Dec 10 00:50:29 GMT 2012 MKIV End Patrol  
Mon Dec 10 01:02:49 GMT 2012: PSPT Start Patrol  
Mon Dec 10 01:07:41 GMT 2012 CHIP End Patrol

NOTE BY BEN: Mon Dec 10 01:30:43 GMT 2012

Lots of Mk4 work today, "We found the light, but its still not right".

In the real time display things look good in the south but get funky toward the north. And in the sudo-cal images they look spiky everywhere. 3rd to last thing we did was run a correct. I think I will revert to the last know good before we start work again tomorrow.

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

Mon Dec 10 01:33:24 GMT 2012: PSPT Abort Patrol

Mon Dec 10 01:33:32 GMT 2012: PSPT Abort Patrol

Mon Dec 10 01:54:36 GMT 2012

MkIV

00\_00.rawmk4 00\_23.rawmk4 20\_51.rawmk4 22\_43.rawmk4 23\_22.rawmk4  
00\_03.rawmk4 00\_26.rawmk4 21\_28.rawmk4 22\_47.rawmk4 23\_25.rawmk4  
00\_06.rawmk4 00\_29.rawmk4 21\_30.rawmk4 22\_58.rawmk4 23\_31.rawmk4  
00\_09.rawmk4 00\_42.rawmk4 21\_49.rawmk4 23\_01.rawmk4 23\_35.rawmk4  
00\_12.rawmk4 00\_47.rawmk4 21\_52.rawmk4 23\_08.rawmk4 23\_54.rawmk4  
00\_15.rawmk4 20\_48.rawmk4 22\_38.rawmk4 23\_12.rawmk4 23\_57.rawmk4