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Mauna Loa Solar Observatory Observer's Log  
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Sat Oct 27 17:02:55 GMT 2001

Year: 01 Doy: 300

Observer: koon

WEATHER COMMENT: Sat Oct 27 17:02:57 GMT 2001

Scattered cirrus, wind=5 mph from the West, temp=41 F.

Sat Oct 27 17:09:08 GMT 2001 CHIP Start Patrol

Sat Oct 27 17:09:18 GMT 2001 PICS Start Patrol

Sat Oct 27 17:09:56 GMT 2001 MKIV Start Patrol

PICS COMMENT: Sat Oct 27 17:26:09 GMT 2001

ND possibly still attached to front of Halle filter, testing possibly still ongoing?

Sat Oct 27 17:41:41 GMT 2001 PICS End Patrol

Sat Oct 27 18:01:59 GMT 2001 CHIP LSD

Sat Oct 27 18:04:14 GMT 2001 CHIP End LSD

Sat Oct 27 18:04:36 GMT 2001 CHIP BiasLSD

Sat Oct 27 18:05:26 GMT 2001 CHIP End BiasLSD

Sat Oct 27 18:10:23 GMT 2001 PICS Start Patrol

Sat Oct 27 18:15:07 GMT 2001 PICS Start Patrol

Sat Oct 27 18:23:02 GMT 2001 PICS End Patrol

PSPT COMMENT: Sat Oct 27 18:25:42 GMT 2001

Observing.

Sat Oct 27 18:41:32 GMT 2001 PICS Start Patrol

\*\*PICS PROBLEM\*\* Sat Oct 27 18:43:08 GMT 2001

I stopped and restarted a couple of times trying to figure out why images were diffuse, it turned out I forgot to take the dust cover off this morning. At first I thought it was caused by the cirrus but found the problem after the sky recently cleared up, all is well now.

Sat Oct 27 18:50:30 GMT 2001 MKIV End Patrol

Sat Oct 27 18:50:41 GMT 2001 MKIV Start Cal

Sat Oct 27 19:02:09 GMT 2001 CHIP LSD

Sat Oct 27 19:04:19 GMT 2001 CHIP End LSD

Sat Oct 27 19:04:36 GMT 2001 CHIP BiasLSD

Sat Oct 27 19:05:26 GMT 2001 CHIP End BiasLSD

Sat Oct 27 19:05:34 GMT 2001 CHIP Bias

Sat Oct 27 19:06:21 GMT 2001 CHIP End Bias

Sat Oct 27 19:09:23 GMT 2001 MKIV End Cal

MKIV COMMENT: Sat Oct 27 19:16:03 GMT 2001

Just did a calibration with the existing Opal, will now swap in a spare Opal that was just sent to us from Boulder. Then I will do a cal again with the new Opal and leave it in place while the previous Opal gets sent to Boulder for testing.

Sat Oct 27 19:19:56 GMT 2001 PICS End Patrol

PICS COMMENT: Sat Oct 27 19:19:53 GMT 2001

Pausing while I move Spar and swap mk4 Opal.

Sat Oct 27 19:20:11 GMT 2001 CHIP End Patrol

CHIP COMMENT: Sat Oct 27 19:20:17 GMT 2001

Pausing, same reason as PICS.

Sat Oct 27 19:27:44 GMT 2001 MKIV Start Cal

MKIV COMMENT: Sat Oct 27 19:28:31 GMT 2001

I swapped the Opals but the weather doesn't want to cooperate, it looked like clear sky for a long time ahead but now some scattered orographic clouds are passing over. I'm going to start a cal anyway, with this new Opal, and I'll keep trying until I think I get a good cal.

Sat Oct 27 19:32:43 GMT 2001 CHIP Start Patrol

Sat Oct 27 19:32:55 GMT 2001 PICS Start Patrol

Sat Oct 27 19:46:33 GMT 2001 MKIV End Cal

Sat Oct 27 19:47:00 GMT 2001 MKIV Start Cal

MKIV COMMENT: Sat Oct 27 19:47:07 GMT 2001

I think that last cal was OK despite the clouds that passed close by at the start, but to make sure I get a good cal I'm going to do another right now, there are no clouds around now. This is the second cal with the new Opal, and this makes the 3rd cal today.

Sat Oct 27 20:01:13 GMT 2001 CHIP LSD

Sat Oct 27 20:03:26 GMT 2001 CHIP End LSD

Sat Oct 27 20:03:35 GMT 2001 CHIP BiasLSD

Sat Oct 27 20:04:17 GMT 2001 CHIP End BiasLSD

Sat Oct 27 20:04:27 GMT 2001 CHIP Bias

Sat Oct 27 20:05:10 GMT 2001 CHIP End Bias

Sat Oct 27 20:05:44 GMT 2001 MKIV End Cal

Sat Oct 27 20:05:56 GMT 2001 MKIV Start Patrol

\*\*\*\* EVENT COMMENT \*\*\*\*: Sat Oct 27 20:06:45 GMT 2001

CME in progress at PA=110.

WEATHER COMMENT: Sat Oct 27 20:28:36 GMT 2001

Orographic clouds passing over.

Sat Oct 27 21:00:56 GMT 2001 CHIP LSD

Sat Oct 27 21:03:13 GMT 2001 CHIP End LSD

Sat Oct 27 21:03:26 GMT 2001 CHIP BiasLSD

Sat Oct 27 21:04:10 GMT 2001 CHIP End BiasLSD

Sat Oct 27 21:04:18 GMT 2001 CHIP Bias

Sat Oct 27 21:05:00 GMT 2001 CHIP End Bias

Sat Oct 27 21:55:56 GMT 2001 CHIP End Patrol

\*\*MLSO PROBLEM\*\* : Sat Oct 27 22:13:42 GMT 2001

/local/d was full, I was getting error messages when I tried to add log comments. I deleted some mk4 files from 1700-1800 Yesterday since they were already transferred last night, this gave me enough memory to finish the operations for today.

Sat Oct 27 22:18:57 GMT 2001

MkIV

17_09.rawmk4	17_51.rawmk4	18_32.rawmk4	20_02.rawmk4	20_44.rawmk4
17_12.rawmk4	17_54.rawmk4	18_35.rawmk4	20_05.rawmk4	c18_50.rawmk4
17_15.rawmk4	17_57.rawmk4	18_38.rawmk4	20_08.rawmk4	c18_56.rawmk4
17_18.rawmk4	18_00.rawmk4	18_41.rawmk4	20_11.rawmk4	c19_02.rawmk4

17_21.rawmk4	18_02.rawmk4	18_44.rawmk4	20_14.rawmk4	c19_27.rawmk4
17_24.rawmk4	18_05.rawmk4	18_47.rawmk4	20_17.rawmk4	c19_33.rawmk4
17_27.rawmk4	18_08.rawmk4	18_53.rawmk4	20_20.rawmk4	c19_40.rawmk4
17_30.rawmk4	18_11.rawmk4	18_59.rawmk4	20_23.rawmk4	c19_46.rawmk4
17_33.rawmk4	18_14.rawmk4	19_06.rawmk4	20_26.rawmk4	c19_53.rawmk4
17_36.rawmk4	18_17.rawmk4	19_30.rawmk4	20_29.rawmk4	c19_59.rawmk4
17_39.rawmk4	18_20.rawmk4	19_36.rawmk4	20_32.rawmk4	
17_42.rawmk4	18_23.rawmk4	19_43.rawmk4	20_35.rawmk4	
17_45.rawmk4	18_26.rawmk4	19_50.rawmk4	20_38.rawmk4	
17_48.rawmk4	18_29.rawmk4	19_56.rawmk4	20_41.rawmk4	