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Mauna Loa Solar Observatory Observer's Log  
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Fri Jul 23 16:37:36 GMT 2004

Year: 04 Doy: 205

Observer: koon

Fri Jul 23 16:42:31 GMT 2004 MKIV Start Patrol

Fri Jul 23 16:42:40 GMT 2004 CHIP Start Patrol

Fri Jul 23 16:43:27 GMT 2004 PICS Start Patrol

WEATHER COMMENT: Fri Jul 23 16:37:37 GMT 2004

Clear sky, no wind, temp=45 F.

ECHO COMMENT: Fri Jul 23 17:03:45 GMT 2004

Time OK.

Fri Jul 23 17:38:20 GMT 2004 PICS Start Patrol

\*\*PICS PROBLEM\*\* Fri Jul 23 17:22:51 GMT 2004

Still having those new problems that appear to have started on 7/21, 2 days ago. GUI shows Program: sync...22.52 - which means it won't take data until 1752 most likely. I found the Mike controller for PICS in Local mode with the Run command active for M1, we don't use this controller in normal obs so I put it into Remote mode and restarted Patrol with Kill/Run cycle to see what happens, this will at least help prevent problems caused by pressing the buttons while in the Local enabled mode.

PSPT COMMENT: Fri Jul 23 17:56:48 GMT 2004

Observing.

MKIV COMMENT: Fri Jul 23 17:58:54 GMT 2004

Centered occulting.

Fri Jul 23 18:01:47 GMT 2004 CHIP LSD

Fri Jul 23 18:05:14 GMT 2004 MKIV End Patrol

Fri Jul 23 18:05:19 GMT 2004 MKIV Start Cal

Fri Jul 23 18:07:25 GMT 2004 CHIP End LSD

Fri Jul 23 18:07:39 GMT 2004 CHIP BiasLSD

Fri Jul 23 18:09:51 GMT 2004 CHIP End BiasLSD

Fri Jul 23 18:10:06 GMT 2004 CHIP Bias

Fri Jul 23 18:11:57 GMT 2004 CHIP End Bias

Fri Jul 23 18:12:19 GMT 2004 PICS Flat

Fri Jul 23 18:17:28 GMT 2004 PICS End Flat

\*\*PICS PROBLEM\*\* Fri Jul 23 18:19:10 GMT 2004

Still have the problem, now seeing Program: sync...18.59 Did someone change the software?

Fri Jul 23 18:36:12 GMT 2004 PICS End Patrol

Fri Jul 23 18:49:53 GMT 2004 PICS Start Patrol

Fri Jul 23 19:04:31 GMT 2004 MKIV Start Patrol

\*\*PICS PROBLEM\*\* Fri Jul 23 19:16:27 GMT 2004

David called and we discussed the problem and watched the Status display. He thinks the Boulder.asf and Boulder.alr routines are taking too long and causing timing problems, he'll send email about it to those who have worked on the software so that the routines can be fixed. He and Kim won't be coming out next month as planned due to other scheduling conflicts.

COMMENT: Fri Jul 23 20:03:49 GMT 2004

Extended dome slot a few minutes ago.

Fri Jul 23 20:10:24 GMT 2004 PICS Start Patrol

\*\*PICS PROBLEM\*\* Fri Jul 23 20:07:02 GMT 2004

Alice modified the software and asked me to do a Kill/Run cycle, that is done and so far it is running well.

WEATHER COMMENT: Fri Jul 23 20:19:40 GMT 2004

Thick dark clouds have moved in, looks like it will rain, closing down.

Fri Jul 23 20:21:19 GMT 2004 MKIV End Patrol

Fri Jul 23 20:21:35 GMT 2004 CHIP End Patrol

Fri Jul 23 20:21:45 GMT 2004 PICS End Patrol

Fri Jul 23 21:27:14 GMT 2004

MkIV

16_42.rawmk4	17_17.rawmk4	17_53.rawmk4	19_19.rawmk4	19_54.rawmk4
16_45.rawmk4	17_20.rawmk4	17_56.rawmk4	19_22.rawmk4	19_57.rawmk4
16_48.rawmk4	17_23.rawmk4	17_58.rawmk4	19_25.rawmk4	20_00.rawmk4
16_51.rawmk4	17_26.rawmk4	18_01.rawmk4	19_28.rawmk4	20_03.rawmk4
16_54.rawmk4	17_29.rawmk4	18_08.rawmk4	19_30.rawmk4	20_06.rawmk4
16_57.rawmk4	17_32.rawmk4	18_14.rawmk4	19_33.rawmk4	20_09.rawmk4
17_00.rawmk4	17_35.rawmk4	18_20.rawmk4	19_36.rawmk4	20_12.rawmk4
17_03.rawmk4	17_38.rawmk4	19_04.rawmk4	19_39.rawmk4	20_15.rawmk4
17_06.rawmk4	17_41.rawmk4	19_07.rawmk4	19_42.rawmk4	20_17.rawmk4
17_09.rawmk4	17_44.rawmk4	19_10.rawmk4	19_45.rawmk4	c18_05.rawmk4
17_12.rawmk4	17_47.rawmk4	19_13.rawmk4	19_48.rawmk4	c18_11.rawmk4
17_14.rawmk4	17_50.rawmk4	19_16.rawmk4	19_51.rawmk4	c18_17.rawmk4