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Mauna Loa Solar Observatory Observer's Log  
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Wed Jul 7 16:34:01 GMT 2004

Year: 04 Doy: 189

Observer: yasukawa

WEATHER COMMENT: Wed Jul 7 16:35:30 GMT 2004

Clear, temp 46F, no wind.

Wed Jul 7 16:41:26 GMT 2004 CHIP Start Patrol

Wed Jul 7 16:41:38 GMT 2004 PICS Start Patrol

\*\*MLSO PROBLEM\*\*: Wed Jul 7 16:41:37 GMT 2004

Airbrush compressor left on overnight, possibly since yesterday morning.

Unit was almost too hot to touch.

PSPT COMMENT: Wed Jul 7 16:43:06 GMT 2004

Starting up.

ECHO COMMENT: Wed Jul 7 16:43:23 GMT 2004

Time OK.

WEATHER COMMENT: Wed Jul 7 16:46:10 GMT 2004

Sky somewhat bright, probably in very thin cirrostratus. There are large scattered patches of cirrostratus to west and a few small patches near sun.

MKIV COMMENT: Wed Jul 7 16:48:05 GMT 2004

Centering O1 in clearing sky.

Wed Jul 7 16:49:17 GMT 2004 MKIV Start Patrol

PSPT COMMENT: Wed Jul 7 16:53:15 GMT 2004

Observing.

\*\*\*\* EVENT COMMENT \*\*\*\*: Wed Jul 7 17:32:02 GMT 2004

Nice disk flare on northeast quadrant of sun.

Wed Jul 7 18:02:19 GMT 2004 PICS Flat

Wed Jul 7 18:02:58 GMT 2004 CHIP LSD

Wed Jul 7 18:04:44 GMT 2004 PICS End Flat

Wed Jul 7 18:04:54 GMT 2004 CHIP End LSD

Wed Jul 7 18:05:03 GMT 2004 CHIP BiasLSD

Wed Jul 7 18:05:56 GMT 2004 CHIP End BiasLSD

Wed Jul 7 18:06:10 GMT 2004 CHIP Bias

Wed Jul 7 18:07:04 GMT 2004 CHIP End Bias

MKIV COMMENT: Wed Jul 7 18:25:05 GMT 2004

Have been waiting for thin cirrostratus to clear out before centering O1 and calibrating. Overcast is fairly consistent and very thin so I will proceed anyway.

MKIV COMMENT: Wed Jul 7 18:26:35 GMT 2004

Centered O1.

Wed Jul 7 18:29:30 GMT 2004 MKIV End Patrol

Wed Jul 7 18:49:12 GMT 2004 MKIV End Cal

Wed Jul 7 18:49:17 GMT 2004 MKIV Start Patrol

Wed Jul 7 19:22:47 GMT 2004 CHIP End Patrol

Wed Jul 7 19:23:42 GMT 2004 PICS End Patrol

Wed Jul 7 19:24:46 GMT 2004 MKIV End Patrol

MKIV COMMENT: Wed Jul 7 19:29:16 GMT 2004  
 Centered O1.  
 COMMENT: Wed Jul 7 19:29:34 GMT 2004  
 Reconfigured dome shutter.  
 Wed Jul 7 19:29:50 GMT 2004 MKIV Start Patrol  
 Wed Jul 7 19:30:06 GMT 2004 CHIP Start Patrol  
 Wed Jul 7 19:30:16 GMT 2004 PICS Start Patrol  
 MKIV COMMENT: Wed Jul 7 20:28:37 GMT 2004  
 Centered O1.  
 MKIV COMMENT: Wed Jul 7 21:39:05 GMT 2004  
 Centered O1.  
 MKIV COMMENT: Wed Jul 7 22:29:04 GMT 2004  
 Centered O1.  
 MKIV COMMENT: Wed Jul 7 23:42:36 GMT 2004  
 Centered O1.  
 COMMENT: Thu Jul 8 00:14:31 GMT 2004  
 Declination reset itself. Repointed and reset guider.  
 WEATHER COMMENT: Thu Jul 8 00:15:12 GMT 2004  
 In orographic clouds.  
 Thu Jul 8 00:34:44 GMT 2004 CHIP End Patrol  
 Thu Jul 8 00:34:50 GMT 2004 PICS End Patrol  
 Thu Jul 8 00:36:29 GMT 2004 MKIV End Patrol  
 \*\*MLSO PROBLEM\*\*: Thu Jul 8 00:37:47 GMT 2004  
 No observations tomorrow, HELCO will be shutting off power to the site  
 to work on the substation supplying MLO. Shutdown is scheduled for  
 9AM to 5PM.  
 WEATHER COMMENT: Thu Jul 8 00:45:05 GMT 2004  
 Closed domes as a precaution to precipitation.  
 GONG COMMENT: Thu Jul 8 00:45:35 GMT 2004  
 Going down to GONG to do a non-emergency shutdown in anticipation to the  
 power outage tomorrow as requested.  
 Thu Jul 8 01:51:33 GMT 2004

MkIV

00_00.rawmk4	17_45.rawmk4	19_32.rawmk4	21_03.rawmk4	22_34.rawmk4
00_03.rawmk4	17_48.rawmk4	19_35.rawmk4	21_06.rawmk4	22_37.rawmk4
00_06.rawmk4	17_51.rawmk4	19_38.rawmk4	21_09.rawmk4	22_40.rawmk4
00_09.rawmk4	17_54.rawmk4	19_41.rawmk4	21_12.rawmk4	22_43.rawmk4
00_12.rawmk4	17_56.rawmk4	19_44.rawmk4	21_15.rawmk4	22_46.rawmk4
00_15.rawmk4	17_59.rawmk4	19_47.rawmk4	21_18.rawmk4	22_49.rawmk4
00_18.rawmk4	18_02.rawmk4	19_50.rawmk4	21_21.rawmk4	22_52.rawmk4
00_21.rawmk4	18_05.rawmk4	19_53.rawmk4	21_24.rawmk4	22_55.rawmk4
00_24.rawmk4	18_08.rawmk4	19_56.rawmk4	21_27.rawmk4	22_58.rawmk4
00_27.rawmk4	18_11.rawmk4	19_59.rawmk4	21_30.rawmk4	23_01.rawmk4
00_30.rawmk4	18_14.rawmk4	20_02.rawmk4	21_33.rawmk4	23_04.rawmk4
00_33.rawmk4	18_17.rawmk4	20_05.rawmk4	21_36.rawmk4	23_07.rawmk4
16_49.rawmk4	18_20.rawmk4	20_08.rawmk4	21_39.rawmk4	23_10.rawmk4
16_52.rawmk4	18_23.rawmk4	20_10.rawmk4	21_41.rawmk4	23_13.rawmk4

16_55.rawmk4	18_26.rawmk4	20_13.rawmk4	21_44.rawmk4	23_15.rawmk4
16_58.rawmk4	18_33.rawmk4	20_16.rawmk4	21_47.rawmk4	23_18.rawmk4
17_01.rawmk4	18_39.rawmk4	20_19.rawmk4	21_50.rawmk4	23_21.rawmk4
17_04.rawmk4	18_45.rawmk4	20_22.rawmk4	21_53.rawmk4	23_24.rawmk4
17_07.rawmk4	18_49.rawmk4	20_25.rawmk4	21_56.rawmk4	23_27.rawmk4
17_09.rawmk4	18_52.rawmk4	20_28.rawmk4	21_59.rawmk4	23_30.rawmk4
17_12.rawmk4	18_55.rawmk4	20_31.rawmk4	22_02.rawmk4	23_33.rawmk4
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17_18.rawmk4	19_01.rawmk4	20_37.rawmk4	22_08.rawmk4	23_39.rawmk4
17_21.rawmk4	19_03.rawmk4	20_40.rawmk4	22_11.rawmk4	23_42.rawmk4
17_24.rawmk4	19_06.rawmk4	20_43.rawmk4	22_14.rawmk4	23_45.rawmk4
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17_33.rawmk4	19_15.rawmk4	20_52.rawmk4	22_23.rawmk4	23_57.rawmk4
17_36.rawmk4	19_18.rawmk4	20_54.rawmk4	22_26.rawmk4	c18_29.rawmk4
17_39.rawmk4	19_21.rawmk4	20_57.rawmk4	22_28.rawmk4	c18_36.rawmk4
17_42.rawmk4	19_29.rawmk4	21_00.rawmk4	22_31.rawmk4	c18_42.rawmk4