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Mauna Loa Solar Observatory Observer's Log  
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Fri Aug 6 16:25:29 GMT 2004  
Year: 04 Doy: 219  
Observer: yasukawa  
WEATHER COMMENT: Fri Aug 6 16:27:45 GMT 2004  
Scattered cirrus, temp 40F, S wind 12 mph.  
ECHO COMMENT: Fri Aug 6 16:33:14 GMT 2004  
Time OK.  
Fri Aug 6 16:33:16 GMT 2004 CHIP Start Patrol  
Fri Aug 6 16:33:26 GMT 2004 PICS Start Patrol  
PSPT COMMENT: Fri Aug 6 16:34:36 GMT 2004  
Starting up.  
PSPT COMMENT: Fri Aug 6 16:44:17 GMT 2004  
Observing.  
MKIV COMMENT: Fri Aug 6 16:54:28 GMT 2004  
Centering O1 as mk4 clears dome cylinder.  
Fri Aug 6 16:54:54 GMT 2004 MKIV Start Patrol  
MKIV COMMENT: Fri Aug 6 17:50:55 GMT 2004  
Centered O1.  
Fri Aug 6 17:54:53 GMT 2004 MKIV Start Cal  
Fri Aug 6 18:00:41 GMT 2004 CHIP LSD  
Fri Aug 6 18:01:29 GMT 2004 PICS Flat  
Fri Aug 6 18:02:30 GMT 2004 CHIP End LSD  
Fri Aug 6 18:02:38 GMT 2004 CHIP BiasLSD  
Fri Aug 6 18:03:31 GMT 2004 CHIP End BiasLSD  
Fri Aug 6 18:03:39 GMT 2004 CHIP Bias  
PSPT COMMENT: Fri Aug 6 18:03:06 GMT 2004  
Stopping to remove heat exchanger from camera. Taking a lot more effort  
than I anticipated. Cannot remove unit without moving spar off sun.  
Fri Aug 6 18:04:04 GMT 2004 PICS End Flat  
Fri Aug 6 18:04:32 GMT 2004 CHIP End Bias  
Fri Aug 6 18:13:37 GMT 2004 MKIV End Cal  
Fri Aug 6 18:13:49 GMT 2004 MKIV Start Patrol  
PSPT COMMENT: Fri Aug 6 18:36:48 GMT 2004  
Restarted observations. Heat exchanger plate removed to be sent back to Boulder  
for cleaning and in case needed for Rome camera. Bottom plate needs cleaning  
when convenient.  
\*\*PSPT PROBLEM\*\*: Fri Aug 6 18:47:15 GMT 2004  
Centering failed. Pointed spar manually.  
MKIV COMMENT: Fri Aug 6 19:15:34 GMT 2004  
Centered O1.  
Fri Aug 6 19:29:59 GMT 2004 CHIP End Patrol  
Fri Aug 6 19:30:07 GMT 2004 PICS End Patrol  
Fri Aug 6 19:30:38 GMT 2004 MKIV End Patrol  
COMMENT: Fri Aug 6 19:30:38 GMT 2004  
Stopping to reconfigure dome shutter.

Fri Aug 6 19:35:56 GMT 2004 MKIV Start Patrol  
 Fri Aug 6 19:36:12 GMT 2004 CHIP Start Patrol  
 Fri Aug 6 19:36:23 GMT 2004 PICS Start Patrol  
 MKIV COMMENT: Fri Aug 6 20:11:17 GMT 2004  
 Centered O1.  
 GONG COMMENT: Fri Aug 6 20:34:58 GMT 2004  
 Caching system continues to work OK after yesterday's (the third) attempt  
 to fix the spooling problem.  
 WEATHER COMMENT: Fri Aug 6 21:34:31 GMT 2004  
 In thin cirrus, orographic clouds starting to form around station.  
 WEATHER COMMENT: Fri Aug 6 21:42:37 GMT 2004  
 Sky is very noisy.  
 MKIV COMMENT: Fri Aug 6 22:08:42 GMT 2004  
 Centered O1.  
 MKIV COMMENT: Fri Aug 6 23:57:30 GMT 2004  
 Centered O1.  
 \*\*MKIV PROBLEM\*\*: Sat Aug 7 00:24:33 GMT 2004  
 Funnies around 0003 UT and 0006 UT images may be bugs on the O1. There are  
 many small bugs flying around today. One needs to be careful not to  
 be a mouth-breather today.  
 Sat Aug 7 00:58:52 GMT 2004 PICS End Patrol  
 Sat Aug 7 00:59:30 GMT 2004 MKIV End Patrol  
 COMMENT: Sat Aug 7 00:59:12 GMT 2004  
 Stopping early to get to FEDEX before closing.  
 Sat Aug 7 01:01:33 GMT 2004 CHIP End Patrol  
 Sat Aug 7 01:02:44 GMT 2004

MkIV

00_00.rawmk4	17_33.rawmk4	19_21.rawmk4	21_04.rawmk4	22_41.rawmk4
00_03.rawmk4	17_36.rawmk4	19_24.rawmk4	21_06.rawmk4	22_43.rawmk4
00_06.rawmk4	17_39.rawmk4	19_27.rawmk4	21_09.rawmk4	22_46.rawmk4
00_09.rawmk4	17_42.rawmk4	19_35.rawmk4	21_12.rawmk4	22_49.rawmk4
00_12.rawmk4	17_45.rawmk4	19_38.rawmk4	21_15.rawmk4	22_52.rawmk4
00_15.rawmk4	17_47.rawmk4	19_41.rawmk4	21_18.rawmk4	22_55.rawmk4
00_18.rawmk4	17_50.rawmk4	19_44.rawmk4	21_21.rawmk4	22_58.rawmk4
00_21.rawmk4	17_57.rawmk4	19_47.rawmk4	21_24.rawmk4	23_01.rawmk4
00_23.rawmk4	18_04.rawmk4	19_50.rawmk4	21_27.rawmk4	23_04.rawmk4
00_26.rawmk4	18_10.rawmk4	19_53.rawmk4	21_30.rawmk4	23_07.rawmk4
00_29.rawmk4	18_13.rawmk4	19_56.rawmk4	21_33.rawmk4	23_10.rawmk4
00_32.rawmk4	18_16.rawmk4	19_59.rawmk4	21_36.rawmk4	23_13.rawmk4
00_35.rawmk4	18_19.rawmk4	20_02.rawmk4	21_39.rawmk4	23_16.rawmk4
00_38.rawmk4	18_22.rawmk4	20_05.rawmk4	21_42.rawmk4	23_19.rawmk4
00_41.rawmk4	18_25.rawmk4	20_08.rawmk4	21_45.rawmk4	23_22.rawmk4
00_44.rawmk4	18_28.rawmk4	20_11.rawmk4	21_48.rawmk4	23_25.rawmk4
00_47.rawmk4	18_31.rawmk4	20_14.rawmk4	21_51.rawmk4	23_28.rawmk4
00_50.rawmk4	18_34.rawmk4	20_17.rawmk4	21_54.rawmk4	23_30.rawmk4
00_53.rawmk4	18_37.rawmk4	20_20.rawmk4	21_56.rawmk4	23_33.rawmk4
00_56.rawmk4	18_40.rawmk4	20_22.rawmk4	21_59.rawmk4	23_36.rawmk4

16_54.rawmk4	18_43.rawmk4	20_25.rawmk4	22_02.rawmk4	23_39.rawmk4
16_57.rawmk4	18_46.rawmk4	20_28.rawmk4	22_05.rawmk4	23_42.rawmk4
17_00.rawmk4	18_49.rawmk4	20_31.rawmk4	22_08.rawmk4	23_45.rawmk4
17_03.rawmk4	18_52.rawmk4	20_34.rawmk4	22_11.rawmk4	23_48.rawmk4
17_06.rawmk4	18_55.rawmk4	20_37.rawmk4	22_14.rawmk4	23_51.rawmk4
17_09.rawmk4	18_57.rawmk4	20_40.rawmk4	22_17.rawmk4	23_54.rawmk4
17_12.rawmk4	19_00.rawmk4	20_43.rawmk4	22_20.rawmk4	23_57.rawmk4
17_15.rawmk4	19_03.rawmk4	20_46.rawmk4	22_23.rawmk4	c17_54.rawmk4
17_18.rawmk4	19_06.rawmk4	20_49.rawmk4	22_26.rawmk4	c18_01.rawmk4
17_21.rawmk4	19_09.rawmk4	20_52.rawmk4	22_29.rawmk4	c18_07.rawmk4
17_24.rawmk4	19_12.rawmk4	20_55.rawmk4	22_32.rawmk4	
17_27.rawmk4	19_15.rawmk4	20_58.rawmk4	22_35.rawmk4	
17_30.rawmk4	19_18.rawmk4	21_01.rawmk4	22_38.rawmk4	