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Mauna Loa Solar Observatory Observer's Log  
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Fri Jul 30 16:21:45 GMT 1999

Year: 99 Doy: 211

Observer: yasukawa

WEATHER COMMENT: Fri Jul 30 16:22:42 GMT 1999

Cool, in broken cirrus, light southeast breeze.

Fri Jul 30 16:23:54 GMT 1999 CHIP Startup--Initializing new tape

Fri Jul 30 16:30:09 GMT 1999 PICS Start Patrol

Fri Jul 30 16:30:34 GMT 1999 MKIV Start Patrol

Fri Jul 30 16:30:32 GMT 1999 CHIP CHIP Start Patrol

LOW-L COMMENT: Fri Jul 30 16:49:26 GMT 1999

Tape L00615 at 77 files. Stopped LOWL, popped it out, cleaned drive 1,

Set date and time and restarted LOWL, data to L00616 in drive 0.

Loaded L00617 into drive 1.

Fri Jul 30 17:00:50 GMT 1999 CHIP Bias

Fri Jul 30 17:01:54 GMT 1999 CHIP End Bias

Fri Jul 30 17:02:10 GMT 1999 CHIP Water

Fri Jul 30 17:02:52 GMT 1999 CHIP End Water

WEATHER COMMENT: Fri Jul 30 17:32:18 GMT 1999

Clear hole.

WEATHER COMMENT: Fri Jul 30 17:55:31 GMT 1999

In cirrus.

Fri Jul 30 18:00:47 GMT 1999 CHIP Bias

Fri Jul 30 18:01:49 GMT 1999 CHIP End Bias

Fri Jul 30 18:02:04 GMT 1999 CHIP Water

Fri Jul 30 18:02:04 GMT 1999 CHIP Water

Fri Jul 30 18:02:47 GMT 1999 CHIP End Water

Fri Jul 30 18:04:41 GMT 1999 PICS End Flat

Fri Jul 30 18:31:32 GMT 1999 MKIV Start Patrol

WEATHER COMMENT: Fri Jul 30 18:32:13 GMT 1999

Clear.

WEATHER COMMENT: Fri Jul 30 18:36:12 GMT 1999

Thin cirrus.

Fri Jul 30 19:00:46 GMT 1999 PICS polarization\_calibration

Fri Jul 30 19:00:54 GMT 1999 CHIP Bias

Fri Jul 30 19:01:54 GMT 1999 CHIP End Bias

Fri Jul 30 19:02:13 GMT 1999 CHIP Water

Fri Jul 30 19:03:03 GMT 1999 CHIP End Water

WEATHER COMMENT: Fri Jul 30 19:05:56 GMT 1999

Clear.

\*\*PICS PROBLEM\*\*: Fri Jul 30 19:08:02 GMT 1999

Noticed a bunch of tape i/o errors streaming by. I will change tapes

and clean drive during stop to reconfigure dome shutter.

Fri Jul 30 19:09:23 GMT 1999 MKIV End Patrol

Fri Jul 30 19:09:26 GMT 1999 CHIP CHIP End Patrol

Fri Jul 30 19:09:49 GMT 1999 PICS End Patrol

Fri Jul 30 19:15:14 GMT 1999 MKIV Start Patrol  
 Fri Jul 30 19:15:35 GMT 1999 CHIP CHIP Start Patrol  
 \*\*PICS PROBLEM\*\* Fri Jul 30 19:16:47 GMT 1999  
 Unloaded P01501, cleaned drive and loaded P01502.  
 Fri Jul 30 19:19:25 GMT 1999 PICS Start Patrol  
 WEATHER COMMENT: Fri Jul 30 19:26:49 GMT 1999  
 cirrus.  
 WEATHER COMMENT: Fri Jul 30 19:34:56 GMT 1999  
 Clear.  
 WEATHER COMMENT: Fri Jul 30 19:41:35 GMT 1999  
 Cirrus  
 Fri Jul 30 20:00:48 GMT 1999 CHIP Gain  
 Fri Jul 30 20:05:28 GMT 1999 CHIP End Gain  
 Fri Jul 30 20:05:44 GMT 1999 CHIP Bias  
 Fri Jul 30 20:06:38 GMT 1999 CHIP End Bias  
 Fri Jul 30 20:06:48 GMT 1999 CHIP Water  
 Fri Jul 30 20:07:22 GMT 1999 CHIP End Water  
 WEATHER COMMENT: Fri Jul 30 20:45:13 GMT 1999  
 Thin cirrus  
 Fri Jul 30 21:01:48 GMT 1999 CHIP Bias  
 Fri Jul 30 21:02:43 GMT 1999 CHIP End Bias  
 Fri Jul 30 21:02:53 GMT 1999 CHIP Water  
 Fri Jul 30 21:03:29 GMT 1999 CHIP End Water  
 WEATHER COMMENT: Fri Jul 30 21:07:31 GMT 1999  
 Thick cirrus approaching.  
 WEATHER COMMENT: Fri Jul 30 21:36:53 GMT 1999  
 In thick cirrus, shutting down.  
 Fri Jul 30 21:39:00 GMT 1999 PICS End Patrol  
 Fri Jul 30 21:39:22 GMT 1999 CHIP CHIP End Patrol  
 COMMENT: Fri Jul 30 21:40:54 GMT 1999  
 TAPES:  
 MKIV: 99-211  
 PICS: P01501 and P01502  
 CHIP: C00880  
 LOWL: L00616 in drive #0  
 Fri Jul 30 21:43:49 GMT 1999  
 MkIII

16_30.rawmk3	17_30.rawmk3	18_42.rawmk3	19_49.rawmk3	20_49.rawmk3
16_34.rawmk3	17_34.rawmk3	18_46.rawmk3	19_52.rawmk3	20_53.rawmk3
16_37.rawmk3	17_38.rawmk3	18_50.rawmk3	19_56.rawmk3	20_57.rawmk3
16_41.rawmk3	17_41.rawmk3	18_54.rawmk3	20_00.rawmk3	21_00.rawmk3
16_45.rawmk3	17_45.rawmk3	18_57.rawmk3	20_04.rawmk3	21_04.rawmk3
16_49.rawmk3	17_49.rawmk3	19_01.rawmk3	20_08.rawmk3	21_08.rawmk3
16_53.rawmk3	17_53.rawmk3	19_05.rawmk3	20_11.rawmk3	21_12.rawmk3
16_56.rawmk3	17_56.rawmk3	19_15.rawmk3	20_15.rawmk3	21_16.rawmk3
17_00.rawmk3	18_00.rawmk3	19_19.rawmk3	20_19.rawmk3	21_19.rawmk3
17_04.rawmk3	18_04.rawmk3	19_22.rawmk3	20_23.rawmk3	21_23.rawmk3

17_08.rawmk3	18_12.rawmk3	19_26.rawmk3	20_26.rawmk3	21_27.rawmk3
17_11.rawmk3	18_19.rawmk3	19_30.rawmk3	20_30.rawmk3	21_30.rawmk3
17_15.rawmk3	18_27.rawmk3	19_34.rawmk3	20_34.rawmk3	21_34.rawmk3
17_19.rawmk3	18_31.rawmk3	19_37.rawmk3	20_38.rawmk3	c18_08.rawmk3
17_23.rawmk3	18_35.rawmk3	19_41.rawmk3	20_41.rawmk3	c18_16.rawmk3
17_26.rawmk3	18_39.rawmk3	19_45.rawmk3	20_45.rawmk3	c18_23.rawmk3