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Mauna Loa Solar Observatory Observer's Log  
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Mon Sep 27 16:34:59 GMT 1999

Year: 99 Doy: 270

Observer: yasukawa

WEATHER COMMENT: Mon Sep 27 16:35:31 GMT 1999

In broken cirrus, cool, southwest breeze.

Mon Sep 27 16:38:29 GMT 1999 CHIP Startup--Initializing new tape

Mon Sep 27 16:42:59 GMT 1999 MKIV Start Patrol

Mon Sep 27 16:43:30 GMT 1999 CHIP CHIP Start Patrol

Mon Sep 27 16:43:43 GMT 1999 PICS Start Patrol

\*\*MKIV PROBLEM\*\* Mon Sep 27 16:48:36 GMT 1999

Scans streaky on displays. Stopping and resetting KCC to rid radial streaking.

Mon Sep 27 16:49:46 GMT 1999 MKIV End Patrol

Mon Sep 27 16:58:35 GMT 1999 MKIV Start Patrol

Mon Sep 27 17:01:54 GMT 1999 CHIP Bias

Mon Sep 27 17:02:53 GMT 1999 CHIP End Bias

Mon Sep 27 17:03:07 GMT 1999 CHIP Water

Mon Sep 27 17:03:48 GMT 1999 CHIP End Water

\*\*MKIV PROBLEM\*\* Mon Sep 27 17:09:22 GMT 1999

Still getting radial streaking on displays. Stopping and resetting KCC again.

WEATHER COMMENT: Mon Sep 27 17:10:52 GMT 1999

Sun climbed into large deck of moderately thick cirrus.

Mon Sep 27 17:12:53 GMT 1999 MKIV End Patrol

GONG COMMENT: Mon Sep 27 17:19:14 GMT 1999

Going down to GONG while in cirrus. MKIV and PSPT standing by, not observing for now.

GONG COMMENT: Mon Sep 27 17:49:39 GMT 1999

Back from GONG.

Mon Sep 27 18:01:48 GMT 1999 CHIP Bias

Mon Sep 27 18:02:28 GMT 1999 PICS Flat

Mon Sep 27 18:02:39 GMT 1999 CHIP End Bias

Mon Sep 27 18:02:48 GMT 1999 CHIP Water

Mon Sep 27 18:03:28 GMT 1999 CHIP End Water

Mon Sep 27 18:04:58 GMT 1999 PICS End Flat

Mon Sep 27 18:17:29 GMT 1999 MKIV Start Patrol

WEATHER COMMENT: Mon Sep 27 18:17:32 GMT 1999

Clear.

\*\*MKIV PROBLEM\*\* Mon Sep 27 18:18:53 GMT 1999

Started MKIV back up, streaks gone.

Mon Sep 27 18:24:35 GMT 1999 MKIV Start Cal

Mon Sep 27 18:46:15 GMT 1999 MKIV Start Patrol

Mon Sep 27 19:00:29 GMT 1999 PICS polarization\_calibration

Mon Sep 27 19:00:53 GMT 1999 CHIP Bias

Mon Sep 27 19:01:52 GMT 1999 CHIP End Bias

Mon Sep 27 19:02:06 GMT 1999 CHIP Water

Mon Sep 27 19:02:43 GMT 1999 CHIP End Water  
 COMMENT: Mon Sep 27 19:08:28 GMT 1999  
 Stopping to reconfigure dome shutter.  
 P End Patrol  
 Mon Sep 27 19:10:13 GMT 1999 PICS End Patrol  
 Mon Sep 27 19:19:02 GMT 1999 MKIV Start Patrol  
 \*\*PSPT PROBLEM\*\*: Mon Sep 27 19:19:26 GMT 1999  
 PSPT was having trouble locking onto sun again, moved beam splitter  
 about 1/2 of travel I moved it last time to get the beam on the  
 quad cells. PSPT locked on after a few attempts and continued  
 on with program.  
 \*\*\*\* EVENT COMMENT \*\*\*\*: Mon Sep 27 19:21:35 GMT 1999  
 faint rising arch in northwest.  
 Mon Sep 27 20:01:48 GMT 1999 CHIP Gain  
 Mon Sep 27 20:06:20 GMT 1999 CHIP End Gain  
 \*\*PSPT PROBLEM\*\*: Mon Sep 27 20:06:31 GMT 1999  
 Guider is really having a difficult time acquiring the sun, RA was way  
 off at the 2000 restart. Had to manually point and then adjust the  
 beamsplitter again to get program going.  
 as  
 Mon Sep 27 20:07:33 GMT 1999 CHIP Water  
 Mon Sep 27 20:08:12 GMT 1999 CHIP End Water  
 WEATHER COMMENT: Mon Sep 27 20:48:20 GMT 1999  
 Scattered orographic clouds around station.  
 Mon Sep 27 21:02:48 GMT 1999 CHIP Bias  
 Mon Sep 27 21:03:40 GMT 1999 CHIP End Bias  
 Mon Sep 27 21:03:56 GMT 1999 CHIP Water  
 Mon Sep 27 21:04:38 GMT 1999 CHIP End Water  
 Mon Sep 27 21:57:41 GMT 1999 PICS End Patrol  
 Mon Sep 27 21:58:21 GMT 1999 CHIP CHIP End Patrol  
 Mon Sep 27 21:58:44 GMT 1999 CHIP ending tape  
 Mon Sep 27 21:59:33 GMT 1999 MKIV End Patrol  
 COMMENT: Mon Sep 27 22:00:46 GMT 1999  
 TAPES:

MKIV: 99-270  
 PICS: P01559  
 CHIP: C00934  
 LOWL: L00629 in drive #0  
 Mon Sep 27 22:02:38 GMT 1999  
 MkIII

16_43.rawmk3	18_56.rawmk3	19_50.rawmk3	20_39.rawmk3	21_28.rawmk3
16_46.rawmk3	19_00.rawmk3	19_53.rawmk3	20_42.rawmk3	21_31.rawmk3
16_58.rawmk3	19_03.rawmk3	19_57.rawmk3	20_46.rawmk3	21_35.rawmk3
17_02.rawmk3	19_07.rawmk3	20_00.rawmk3	20_49.rawmk3	21_38.rawmk3
17_06.rawmk3	19_10.rawmk3	20_04.rawmk3	20_53.rawmk3	21_42.rawmk3
17_09.rawmk3	19_19.rawmk3	20_08.rawmk3	20_56.rawmk3	21_45.rawmk3

18_17.rawmk3	19_22.rawmk3	20_11.rawmk3	21_00.rawmk3	21_49.rawmk3
18_21.rawmk3	19_26.rawmk3	20_15.rawmk3	21_03.rawmk3	21_52.rawmk3
18_28.rawmk3	19_29.rawmk3	20_18.rawmk3	21_07.rawmk3	21_56.rawmk3
18_35.rawmk3	19_33.rawmk3	20_21.rawmk3	21_10.rawmk3	c18_24.rawmk3
18_42.rawmk3	19_36.rawmk3	20_25.rawmk3	21_14.rawmk3	c18_31.rawmk3
18_46.rawmk3	19_40.rawmk3	20_28.rawmk3	21_17.rawmk3	c18_39.rawmk3
18_49.rawmk3	19_43.rawmk3	20_32.rawmk3	21_21.rawmk3	
18_53.rawmk3	19_46.rawmk3	20_35.rawmk3	21_24.rawmk3	