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Mauna Loa Solar Observatory Observer's Log  
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Mon Apr 5 16:45:13 GMT 1999

Year: 99 Doy: 095

Observer: yasukawa

Mon Apr 5 16:46:32 GMT 1999 CHIP Startup--Initializing new tape

WEATHER COMMENT: Mon Apr 5 16:46:58 GMT 1999

Cool, in extensive cirrus overcast, south wind.

Mon Apr 5 16:51:23 GMT 1999 CHIP CHIP Start Patrol

Mon Apr 5 16:51:35 GMT 1999 PICS Start Patrol

Mon Apr 5 17:00:50 GMT 1999 CHIP Bias

Mon Apr 5 17:01:30 GMT 1999 PICS Flat

Mon Apr 5 17:01:39 GMT 1999 CHIP End Bias

Mon Apr 5 17:01:47 GMT 1999 CHIP Water

Mon Apr 5 17:02:21 GMT 1999 CHIP End Water

Mon Apr 5 17:02:58 GMT 1999 PICS End Flat

WEATHER COMMENT: Mon Apr 5 17:04:27 GMT 1999

Cirrus is thick enough that guiding and disc (CHIP & PICS) data are marginal.

GONG COMMENT: Mon Apr 5 17:17:19 GMT 1999

going down to GONG to do weekly and monthly PM.

Mon Apr 5 18:01:29 GMT 1999 PICS Flat

Mon Apr 5 18:02:47 GMT 1999 CHIP Bias

Mon Apr 5 18:02:54 GMT 1999 PICS End Flat

Mon Apr 5 18:03:38 GMT 1999 CHIP End Bias

Mon Apr 5 18:03:45 GMT 1999 CHIP Water

Mon Apr 5 18:04:21 GMT 1999 CHIP End Water

Mon Apr 5 19:01:30 GMT 1999 PICS Flat

Mon Apr 5 19:01:55 GMT 1999 CHIP Bias

Mon Apr 5 19:02:46 GMT 1999 CHIP End Bias

Mon Apr 5 19:02:55 GMT 1999 PICS End Flat

Mon Apr 5 19:02:55 GMT 1999 PICS End Flat

Mon Apr 5 19:03:30 GMT 1999 CHIP End Water

\*\*GONG PROBLEM\*\* Mon Apr 5 19:21:28 GMT 1999

Back from GONG. Drive 1 in primary bank failed again over the week and tape was writing to secondary bank. NOAO ejected the tapes from the tower drive in anticipation that we'd load new tapes into them to back-up the secondary bank since the tower tapes had some unique data on them. Tapes were found popped out as expected. When I tried cleaning the drives, the cleaning tapes did not load completely and we could not eject them. Jean (at NOAO) thinks there is a SCSI problem. They shipped out a replacement primary bank and a spare tower today so we decided to just wait for the shipment and send the faulty tower back.

COMMENT: Mon Apr 5 19:45:52 GMT 1999

Stopping to reconfigure dome shutter.

Mon Apr 5 19:46:28 GMT 1999 PICS End Patrol

Mon Apr 5 19:48:31 GMT 1999 CHIP CHIP End Patrol

Mon Apr 5 19:54:03 GMT 1999 MKIII Start Patrol  
 MKIV COMMENT: Mon Apr 5 19:54:27 GMT 1999  
 Starting MKIV in cirrus to get by the first streaked scan. Potential  
 hole in cirrus approaching so getting ready to start MKIII/IV.  
 Mon Apr 5 20:00:36 GMT 1999 MKIII End Patrol  
 Mon Apr 5 20:00:50 GMT 1999 CHIP Gain  
 Mon Apr 5 20:01:33 GMT 1999 PICS Flat  
 Mon Apr 5 20:03:00 GMT 1999 PICS End Flat  
 Mon Apr 5 20:05:21 GMT 1999 CHIP End Gain  
 Mon Apr 5 20:05:30 GMT 1999 CHIP Bias  
 Mon Apr 5 20:06:22 GMT 1999 CHIP End Bias  
 Mon Apr 5 20:06:32 GMT 1999 CHIP Water  
 Mon Apr 5 20:07:07 GMT 1999 CHIP End Water  
 Mon Apr 5 20:08:31 GMT 1999 MKIII Start Patrol  
 \*\*MKIV PROBLEM\*\*: Mon Apr 5 20:09:23 GMT 1999  
 Cirrus clearing, needed to reset KCC to fix streaking, which did not  
 go away.  
 Mon Apr 5 20:10:56 GMT 1999 MKIII Start Patrol  
 Mon Apr 5 20:25:34 GMT 1999 MKIII Start Cal  
 Mon Apr 5 20:45:43 GMT 1999 MKIII Start Patrol  
 Mon Apr 5 21:01:47 GMT 1999 CHIP Bias  
 Mon Apr 5 21:01:47 GMT 1999 CHIP Bias  
 Mon Apr 5 21:02:51 GMT 1999 CHIP End Bias  
 Mon Apr 5 21:03:01 GMT 1999 CHIP Water  
 Mon Apr 5 21:03:22 GMT 1999 PICS End Flat  
 Mon Apr 5 21:03:37 GMT 1999 CHIP End Water  
 Mon Apr 5 22:00:50 GMT 1999 CHIP Bias  
 Mon Apr 5 22:01:38 GMT 1999 PICS Flat  
 Mon Apr 5 22:01:42 GMT 1999 CHIP End Bias  
 Mon Apr 5 22:01:54 GMT 1999 CHIP Water  
 Mon Apr 5 22:02:31 GMT 1999 CHIP End Water  
 Mon Apr 5 22:03:09 GMT 1999 PICS End Flat  
 Mon Apr 5 22:15:00 GMT 1999 PICS End Patrol  
 WEATHER COMMENT: Mon Apr 5 22:15:36 GMT 1999  
 In cirrus and orographic clouds.  
 Mon Apr 5 22:15:59 GMT 1999 MKIII End Patrol  
 Mon Apr 5 22:17:30 GMT 1999 CHIP CHIP End Patrol  
 Mon Apr 5 22:17:57 GMT 1999 CHIP ending tape  
 COMMENT: Mon Apr 5 22:23:01 GMT 1999  
 Tapes:  
 MKIV: 99-095  
 PICS: P01403  
 CHIP: C00815  
 LOWL: no data--being modified  
 Mon Apr 5 22:24:23 GMT 1999  
 MkIII

19\_54.rawmk3 20\_42.rawmk3 21\_08.rawmk3 21\_34.rawmk3 21\_59.rawmk3

19_57.rawmk3	20_45.rawmk3	21_11.rawmk3	21_37.rawmk3	22_03.rawmk3
20_12.rawmk3	20_49.rawmk3	21_14.rawmk3	21_40.rawmk3	22_06.rawmk3
20_16.rawmk3	20_52.rawmk3	21_18.rawmk3	21_43.rawmk3	22_09.rawmk3
20_19.rawmk3	20_55.rawmk3	21_21.rawmk3	21_47.rawmk3	22_12.rawmk3
20_22.rawmk3	20_58.rawmk3	21_24.rawmk3	21_50.rawmk3	c20_25.rawmk3
20_29.rawmk3	21_01.rawmk3	21_27.rawmk3	21_53.rawmk3	c20_32.rawmk3
20_35.rawmk3	21_05.rawmk3	21_31.rawmk3	21_56.rawmk3	c20_39.rawmk3