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Mauna Loa Solar Observatory Observer's Log  
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Mon Nov 2 16:37:48 GMT 1998

Year: 98 Doy: 306

Observer: yasukawa

Mon Nov 2 16:39:50 GMT 1998 CHIP Startup--Initializing new tape

WEATHER COMMENT: Mon Nov 2 16:40:40 GMT 1998

Cool, clear, brisk southeast wind.

\*\*MKIV PROBLEM\*\* Mon Nov 2 16:41:12 GMT 1998

MKIV tape mwas not popped out this morning and there were error messages that cable was not connected--it was physically.

Mon Nov 2 16:53:09 GMT 1998 CHIP CHIP Start Patrol

Mon Nov 2 17:02:52 GMT 1998 CHIP Bias

Mon Nov 2 17:03:41 GMT 1998 CHIP End Bias

Mon Nov 2 17:03:48 GMT 1998 CHIP Water

Mon Nov 2 17:04:14 GMT 1998 PICS Start Patrol

Mon Nov 2 17:04:21 GMT 1998 CHIP End Water

\*\*MKIV PROBLEM\*\* Mon Nov 2 17:05:16 GMT 1998

Data was not transferred last night. Plan is to place MKIV 98-305 into nene tonight where the data now resides, and place MKIV 98-306 into nahenahe tonight where today's data will go.

Mon Nov 2 17:06:55 GMT 1998 MKIII Start Patrol

\*\*MKIV PROBLEM\*\* Mon Nov 2 17:14:20 GMT 1998

First scan full of radial streaks. subsequent scans OK. MKIII/IV still looking at wall.

Mon Nov 2 18:01:47 GMT 1998 CHIP Bias

Mon Nov 2 18:02:38 GMT 1998 CHIP End Bias

Mon Nov 2 18:02:38 GMT 1998 CHIP End Bias

Mon Nov 2 18:02:55 GMT 1998 CHIP Water

Mon Nov 2 18:03:36 GMT 1998 CHIP End Water

Mon Nov 2 18:04:06 GMT 1998 PICS End Flat

Mon Nov 2 18:05:52 GMT 1998 MKIII Start Cal

PICS COMMENT: Mon Nov 2 18:15:47 GMT 1998

Wind is buffeting the spar, difficult to maintain good occulting.

Mon Nov 2 18:26:20 GMT 1998 MKIII Start Patrol

GONG COMMENT: Mon Nov 2 18:29:34 GMT 1998

Going down to GONG to do weekly and monthly preventive maintenance.

GONG COMMENT: Mon Nov 2 18:54:19 GMT 1998

Back from GONG.

Mon Nov 2 19:00:57 GMT 1998 CHIP Bias

Mon Nov 2 19:01:50 GMT 1998 CHIP End Bias

Mon Nov 2 19:02:18 GMT 1998 CHIP Water

Mon Nov 2 19:02:36 GMT 1998 PICS Flat

Mon Nov 2 19:03:05 GMT 1998 CHIP End Water

Mon Nov 2 19:04:08 GMT 1998 PICS End Flat

WEATHER COMMENT: Mon Nov 2 19:27:57 GMT 1998

Wind is around 30 mph from southeast.

Mon Nov 2 20:00:46 GMT 1998 CHIP Gain  
 Mon Nov 2 20:02:27 GMT 1998 PICS Flat  
 Mon Nov 2 20:03:53 GMT 1998 PICS End Flat  
 Mon Nov 2 20:05:50 GMT 1998 CHIP End Gain  
 Mon Nov 2 20:06:00 GMT 1998 CHIP Bias  
 Mon Nov 2 20:06:49 GMT 1998 CHIP End Bias  
 Mon Nov 2 20:06:59 GMT 1998 CHIP Water  
 Mon Nov 2 20:07:34 GMT 1998 CHIP End Water  
 Mon Nov 2 21:02:30 GMT 1998 PICS Flat  
 Mon Nov 2 21:02:50 GMT 1998 CHIP Bias  
 Mon Nov 2 21:04:03 GMT 1998 PICS End Flat  
 Mon Nov 2 21:04:03 GMT 1998 PICS End Flat  
 Mon Nov 2 21:04:16 GMT 1998 CHIP Water  
 Mon Nov 2 21:04:52 GMT 1998 CHIP End Water

\*\*MKIV PROBLEM\*\* Mon Nov 2 21:26:47 GMT 1998

Barrel drove past software limit and is oscillating at mechanical limit.  
 Turned analog off, turned MKIV power off, rotated barrel to mid position  
 manually, turned MKIV (KCC) on turned analog on, resumed patrol.

Mon Nov 2 21:30:36 GMT 1998 MKIII Start Patrol

\*\*MKIV PROBLEM\*\* Mon Nov 2 21:33:51 GMT 1998

First scan after KCC reset is streaky.

\*\*MKIV PROBLEM\*\* Mon Nov 2 21:36:02 GMT 1998

Subsequent scans OK.

Mon Nov 2 22:02:32 GMT 1998 PICS Flat  
 Mon Nov 2 22:02:47 GMT 1998 CHIP Bias  
 Mon Nov 2 22:03:41 GMT 1998 CHIP End Bias  
 Mon Nov 2 22:03:51 GMT 1998 CHIP Water  
 Mon Nov 2 22:04:01 GMT 1998 PICS End Flat  
 Mon Nov 2 22:04:29 GMT 1998 CHIP End Water  
 Mon Nov 2 22:07:29 GMT 1998 CHIP CHIP End Patrol

COMMENT: Mon Nov 2 22:08:21 GMT 1998

TAPES:

PICS: P01334

CHIP: C00719

LOWL: L00553

RETRYING MKIV-98305 in nene overnight

MKIV 98-306 in nahenane for data transfer--disk to tape

COMMENT: Mon Nov 2 22:11:17 GMT 1998

Cleaned nahenahe, nene and kii Exabyte drives.

Mon Nov 2 22:11:41 GMT 1998 MKIII End Patrol

Mon Nov 2 22:17:03 GMT 1998

MkIII

17_07.rawmk3	18_09.rawmk3	19_15.rawmk3	20_14.rawmk3	21_13.rawmk3
17_10.rawmk3	18_16.rawmk3	19_18.rawmk3	20_17.rawmk3	21_16.rawmk3
17_13.rawmk3	18_23.rawmk3	19_22.rawmk3	20_20.rawmk3	21_32.rawmk3
17_16.rawmk3	18_26.rawmk3	19_25.rawmk3	20_24.rawmk3	21_35.rawmk3

17_20.rawmk3	18_29.rawmk3	19_28.rawmk3	20_27.rawmk3	21_39.rawmk3
17_23.rawmk3	18_33.rawmk3	19_31.rawmk3	20_30.rawmk3	21_42.rawmk3
17_26.rawmk3	18_36.rawmk3	19_35.rawmk3	20_34.rawmk3	21_45.rawmk3
17_30.rawmk3	18_39.rawmk3	19_38.rawmk3	20_37.rawmk3	21_48.rawmk3
17_33.rawmk3	18_42.rawmk3	19_41.rawmk3	20_40.rawmk3	21_52.rawmk3
17_36.rawmk3	18_46.rawmk3	19_45.rawmk3	20_43.rawmk3	21_55.rawmk3
17_39.rawmk3	18_49.rawmk3	19_48.rawmk3	20_47.rawmk3	21_58.rawmk3
17_43.rawmk3	18_52.rawmk3	19_51.rawmk3	20_50.rawmk3	22_01.rawmk3
17_46.rawmk3	18_55.rawmk3	19_54.rawmk3	20_53.rawmk3	22_05.rawmk3
17_49.rawmk3	18_59.rawmk3	19_58.rawmk3	20_56.rawmk3	22_08.rawmk3
17_52.rawmk3	19_02.rawmk3	20_01.rawmk3	21_00.rawmk3	c18_06.rawmk3
17_56.rawmk3	19_05.rawmk3	20_04.rawmk3	21_03.rawmk3	c18_12.rawmk3
17_59.rawmk3	19_09.rawmk3	20_07.rawmk3	21_06.rawmk3	c18_19.rawmk3
18_02.rawmk3	19_12.rawmk3	20_11.rawmk3	21_09.rawmk3	