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Mauna Loa Solar Observatory Observer's Log  
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Tue Sep 28 16:30:39 GMT 1999

Year: 99 Doy: 271

Observer: yasukawa

WEATHER COMMENT: Tue Sep 28 16:30:59 GMT 1999

Cool, clear, light south wind.

Tue Sep 28 16:31:21 GMT 1999 CHIP Startup--Initializing new tape

Tue Sep 28 16:42:08 GMT 1999 MKIV Start Patrol

Tue Sep 28 16:42:14 GMT 1999 PICS Start Patrol

Tue Sep 28 16:42:18 GMT 1999 CHIP CHIP Start Patrol

LOW-L COMMENT: Tue Sep 28 16:44:57 GMT 1999

LOWL at past 70 files. Changing tapes. Unloading L00629 from drive 0 and cleaning drive. Starting data to L00630 in drive #1, loading L00631 into drive #0.

Tue Sep 28 17:00:54 GMT 1999 CHIP Bias

Tue Sep 28 17:01:47 GMT 1999 CHIP End Bias

Tue Sep 28 17:01:56 GMT 1999 CHIP Water

Tue Sep 28 17:02:34 GMT 1999 CHIP End Water

COMMENT: Tue Sep 28 17:22:25 GMT 1999

Kim and David are here for a week to do MKIV alignment and possibly MKIII decommission. We will be stopping MKIV and possibly all instruments on spar to work on alignment once we get calibration.

Tue Sep 28 17:58:39 GMT 1999 MKIV Start Cal

Tue Sep 28 18:20:25 GMT 1999 MKIV End Cal

MKIV COMMENT: Tue Sep 28 18:27:32 GMT 1999

Done with cal, stopping MKIV obs to begin work with alignment.

\*\*CHIP PROBLEM\*\*: Tue Sep 28 19:18:45 GMT 1999

CHIP stalled, Killed Wait to recover.

WEATHER COMMENT: Tue Sep 28 20:49:39 GMT 1999

Scattered orographic clouds are forming around station.

COMMENT: Tue Sep 28 21:56:57 GMT 1999

CHIP and PICS went down way back due to software work by David.

MKIV COMMENT: Tue Sep 28 21:58:00 GMT 1999

Checked for loose optical components in MKIV, found nothing that could move due to gravity alone. Devised plan for alignment.

Removed "top-hat" to work on slits and to add hairlines to MKIV slits. Found some more bits of gasket material inside tophat near the slots and occulter.

Tue Sep 28 23:34:07 GMT 1999 CHIP Bias

Tue Sep 28 23:47:46 GMT 1999 CHIP ending tape

WEATHER COMMENT: Tue Sep 28 23:48:04 GMT 1999

In solid clouds

MKIV COMMENT: Tue Sep 28 23:48:19 GMT 1999

Kim removed optics and worked on shimming them.

MKIV COMMENT: Tue Sep 28 23:51:31 GMT 1999

Testing refurbished Kodak camera.

COMMENT: Tue Sep 28 23:52:00 GMT 1999  
Shut down instruments.

COMMENT: Tue Sep 28 23:52:11 GMT 1999  
Tapes:

MKIV: 99-271

PICS: P01560

CHIP: C00935

LOWL: L00630 in drive #1

COMMENT: Wed Sep 29 00:08:55 GMT 1999

Shutting down and abandoning the station for the day.

Wed Sep 29 00:09:26 GMT 1999

MkIII

|              |              |              |              |               |
|--------------|--------------|--------------|--------------|---------------|
| 16_42.rawmk3 | 17_03.rawmk3 | 17_23.rawmk3 | 17_44.rawmk3 | 18_16.rawmk3  |
| 16_45.rawmk3 | 17_06.rawmk3 | 17_27.rawmk3 | 17_48.rawmk3 | c17_58.rawmk3 |
| 16_49.rawmk3 | 17_09.rawmk3 | 17_30.rawmk3 | 17_51.rawmk3 | c18_05.rawmk3 |
| 16_52.rawmk3 | 17_13.rawmk3 | 17_34.rawmk3 | 17_55.rawmk3 | c18_13.rawmk3 |
| 16_56.rawmk3 | 17_16.rawmk3 | 17_37.rawmk3 | 18_02.rawmk3 |               |
| 16_59.rawmk3 | 17_20.rawmk3 | 17_41.rawmk3 | 18_09.rawmk3 |               |