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Mauna Loa Solar Observatory Observer's Log  
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Mon May 24 16:33:09 GMT 1999

Year: 99 Doy: 144

Observer: yasukawa

WEATHER COMMENT: Mon May 24 16:33:29 GMT 1999

Cool, clear, brisk east wind.

COMMENT: Mon May 24 16:33:47 GMT 1999

Read Helco meters this morning.

Mon May 24 16:38:30 GMT 1999 PICS Start Patrol

Mon May 24 16:38:38 GMT 1999 MKIII Start Patrol

Mon May 24 17:00:33 GMT 1999 PICS Flat

Mon May 24 17:01:49 GMT 1999 PICS End Flat

Mon May 24 18:00:31 GMT 1999 PICS Flat

Mon May 24 18:01:44 GMT 1999 PICS End Flat

GONG COMMENT: Mon May 24 18:35:25 GMT 1999

Going down to GONG to do weekly preventive maintenance.

\*\*PSPT PROBLEM\*\*: Mon May 24 18:59:29 GMT 1999

Images remaining on screen after the 1800 UT data acquisition run out of focus.

Mon May 24 19:01:42 GMT 1999 PICS End Flat

\*\*PSPT PROBLEM\*\*: Mon May 24 19:10:35 GMT 1999

Initial images from 1900 UT run in good focus.

\*\*PSPT PROBLEM\*\*: Mon May 24 19:13:56 GMT 1999

Ca II image out of focus.

\*\*PSPT PROBLEM\*\*: Mon May 24 19:16:12 GMT 1999

Red image out of focus.

COMMENT: Mon May 24 19:38:18 GMT 1999

Stopping to reconfigure dome shutter.

Mon May 24 19:39:26 GMT 1999 PICS End Patrol

Mon May 24 19:45:55 GMT 1999 MKIII Start Patrol

Mon May 24 19:46:17 GMT 1999 PICS Start Patrol

Mon May 24 20:02:31 GMT 1999 PICS Flat

Mon May 24 20:03:35 GMT 1999 PICS End Flat

Mon May 24 21:02:31 GMT 1999 PICS Flat

Mon May 24 21:03:52 GMT 1999 PICS End Flat

\*\*PSPT PROBLEM\*\*: Mon May 24 21:09:34 GMT 1999

2000 UT panel images all look defocused. I went up to listen to the mechanisms at Roy's suggestion and did find the focus stage sounding squeaky. I could not hear the active mirror, filter wheel sounded OK. Drive and error meters for the active mirror were oscillating, but only at very small amplitudes. 2100 images were focused well, so listening wasn't conclusive.

Mon May 24 22:02:27 GMT 1999 PICS Flat

Mon May 24 22:03:31 GMT 1999 PICS End Flat

Mon May 24 22:08:16 GMT 1999 PICS End Patrol

\*\*PSPT PROBLEM\*\*: Mon May 24 22:10:18 GMT 1999

2200 images are focused well. I will check mechanisms again tomorrow morning.

COMMENT: Mon May 24 22:12:32 GMT 1999

Tapes:

MKIV: 99-144

PICS: P01448

CHIP: Down for repair

LOWL: L00601

Mon May 24 22:17:25 GMT 1999

MkIII

16_38.rawmk3	17_46.rawmk3	19_06.rawmk3	20_19.rawmk3	21_27.rawmk3
16_42.rawmk3	17_49.rawmk3	19_09.rawmk3	20_23.rawmk3	21_31.rawmk3
16_46.rawmk3	17_53.rawmk3	19_13.rawmk3	20_27.rawmk3	21_34.rawmk3
16_49.rawmk3	17_57.rawmk3	19_17.rawmk3	20_31.rawmk3	21_38.rawmk3
16_53.rawmk3	18_01.rawmk3	19_21.rawmk3	20_34.rawmk3	21_42.rawmk3
16_57.rawmk3	18_04.rawmk3	19_24.rawmk3	20_38.rawmk3	21_46.rawmk3
17_01.rawmk3	18_12.rawmk3	19_28.rawmk3	20_42.rawmk3	21_49.rawmk3
17_04.rawmk3	18_20.rawmk3	19_32.rawmk3	20_45.rawmk3	21_53.rawmk3
17_08.rawmk3	18_28.rawmk3	19_36.rawmk3	20_49.rawmk3	21_57.rawmk3
17_12.rawmk3	18_32.rawmk3	19_46.rawmk3	20_53.rawmk3	22_01.rawmk3

17_16.rawmk3	18_35.rawmk3	19_49.rawmk3	20_57.rawmk3	22_04.rawmk3
17_19.rawmk3	18_39.rawmk3	19_53.rawmk3	21_00.rawmk3	22_08.rawmk3
17_23.rawmk3	18_43.rawmk3	19_57.rawmk3	21_04.rawmk3	22_12.rawmk3
17_27.rawmk3	18_47.rawmk3	20_00.rawmk3	21_08.rawmk3	c18_08.rawmk3
17_31.rawmk3	18_50.rawmk3	20_04.rawmk3	21_12.rawmk3	c18_16.rawmk3
17_34.rawmk3	18_54.rawmk3	20_08.rawmk3	21_16.rawmk3	c18_24.rawmk3
17_38.rawmk3	18_58.rawmk3	20_12.rawmk3	21_19.rawmk3	
17_42.rawmk3	19_02.rawmk3	20_16.rawmk3	21_23.rawmk3	