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Mauna Loa Solar Observatory Observer's Log  
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Fri May 28 16:19:00 GMT 1999

Year: 99 Doy: 148

Observer: yasukawa

WEATHER COMMENT: Fri May 28 16:20:17 GMT 1999

Cool, clear, brisk south wind.

Fri May 28 16:27:21 GMT 1999 MKIII Start Patrol

Fri May 28 16:27:51 GMT 1999 PICS Start Patrol

Fri May 28 17:01:29 GMT 1999 PICS Flat

Fri May 28 17:03:41 GMT 1999 PICS End Flat

Fri May 28 18:01:31 GMT 1999 PICS Flat

Fri May 28 18:03:45 GMT 1999 PICS End Flat

Fri May 28 19:01:28 GMT 1999 PICS Flat

Fri May 28 19:03:50 GMT 1999 PICS End Flat

COMMENT: Fri May 28 19:10:01 GMT 1999

Stopping to reconfigure dome shutter.

Fri May 28 19:10:22 GMT 1999 PICS End Patrol

Fri May 28 19:13:11 GMT 1999 MKIII End Patrol

Fri May 28 19:24:08 GMT 1999 MKIII Start Patrol

Fri May 28 19:24:28 GMT 1999 PICS Start Patrol

Fri May 28 20:01:24 GMT 1999 PICS Flat

Fri May 28 20:03:46 GMT 1999 PICS End Flat

\*\*PSPT PROBLEM\*\*: Fri May 28 20:13:27 GMT 1999

2000 UT data images were out of focus (all of them). Cal images are in focus.

Focus drive did not sound noisy during the cal scans.

\*\*PSPT PROBLEM\*\*: Fri May 28 20:45:05 GMT 1999

Out of focus images occurred during the XYS series intermittently. Focus was not changing during the XYS movement so I think that eliminates the focus mechanism from causing the out-of-focus images. May be oscillation of the active mirror?? I did not see any obvious oscillation of the meter in either drive or error mode.

Fri May 28 21:01:31 GMT 1999 PICS Flat

Fri May 28 21:03:50 GMT 1999 PICS End Flat

\*\*PSPT PROBLEM\*\*: Fri May 28 21:10:20 GMT 1999

An interesting observation, when I turn the mirror servo OFF, the focus is not good, but not as bad as with the mirror servo switch at AUTO. This was done during the 2100 UT data scans. Each time I switched to AUTO, the out-of-focus image would be displayed, when I switched to OFF, the image be close to focus. I think that something is causing oscillation in both X and Y axis--power supply?

Fri May 28 22:01:32 GMT 1999 PICS Flat

Fri May 28 22:03:51 GMT 1999 PICS End Flat

Fri May 28 22:07:16 GMT 1999 PICS End Patrol

Fri May 28 22:09:29 GMT 1999 MKIII End Patrol

COMMENT: Fri May 28 22:10:20 GMT 1999

TAPES:

MKIV: 99-148  
PICS: P01452  
CHIP: Down for repair  
LOWL: L00602  
Fri May 28 22:11:17 GMT 1999  
MkIII

16_27.rawmk3	17_34.rawmk3	18_54.rawmk3	20_13.rawmk3	21_21.rawmk3
16_31.rawmk3	17_38.rawmk3	18_58.rawmk3	20_16.rawmk3	21_24.rawmk3
16_34.rawmk3	17_42.rawmk3	19_01.rawmk3	20_20.rawmk3	21_28.rawmk3
16_38.rawmk3	17_46.rawmk3	19_05.rawmk3	20_24.rawmk3	21_32.rawmk3
16_42.rawmk3	17_49.rawmk3	19_09.rawmk3	20_28.rawmk3	21_36.rawmk3
16_45.rawmk3	17_53.rawmk3	19_24.rawmk3	20_31.rawmk3	21_39.rawmk3
16_49.rawmk3	17_57.rawmk3	19_27.rawmk3	20_35.rawmk3	21_43.rawmk3
16_53.rawmk3	18_01.rawmk3	19_31.rawmk3	20_39.rawmk3	21_47.rawmk3
16_57.rawmk3	18_08.rawmk3	19_35.rawmk3	20_43.rawmk3	21_50.rawmk3
17_00.rawmk3	18_16.rawmk3	19_39.rawmk3	20_46.rawmk3	21_54.rawmk3
17_04.rawmk3	18_24.rawmk3	19_42.rawmk3	20_50.rawmk3	21_58.rawmk3
17_08.rawmk3	18_28.rawmk3	19_46.rawmk3	20_54.rawmk3	22_02.rawmk3
17_12.rawmk3	18_31.rawmk3	19_50.rawmk3	20_58.rawmk3	22_06.rawmk3
17_16.rawmk3	18_35.rawmk3	19_54.rawmk3	21_02.rawmk3	c18_04.rawmk3
17_19.rawmk3	18_39.rawmk3	19_57.rawmk3	21_06.rawmk3	c18_12.rawmk3
17_23.rawmk3	18_43.rawmk3	20_01.rawmk3	21_09.rawmk3	c18_20.rawmk3
17_27.rawmk3	18_46.rawmk3	20_05.rawmk3	21_13.rawmk3	
17_31.rawmk3	18_50.rawmk3	20_09.rawmk3	21_17.rawmk3	