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Mauna Loa Solar Observatory Observer's Log  
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Tue Jan 9 17:18:36 GMT 2001

Year: 01 Doy: 009

Observer: yasukawa

WEATHER COMMENT: Tue Jan 9 17:21:09 GMT 2001

Cool, clear, southeast wind.

Tue Jan 9 17:29:08 GMT 2001 MKIV Start Patrol

Tue Jan 9 17:29:12 GMT 2001 CHIP Start 7 Passband Patrol

Tue Jan 9 17:29:17 GMT 2001 PICS Start Patrol

MKIV COMMENT: Tue Jan 9 17:58:34 GMT 2001

MK4 cleared dome wall, finally.

Tue Jan 9 18:01:50 GMT 2001 PICS Flat

Tue Jan 9 18:05:27 GMT 2001 PICS End Flat

\*\*MKIV PROBLEM\*\* Tue Jan 9 19:08:17 GMT 2001

All the noise in the signal was due to unnatural eclipses by my head and other body parts as I inspected O1. There are several fiducial marks and keyed parts, all fiducials line up with their corresponding marks. Darryl's statement that things are back to original position appears to be correct. I'm not sure about the history of the 30-degree rotation he found before removing the O1, although, I don't believe O1 rotation affects the data--O1 rotation system was disabled looooooong ago. Checked image on occulter and looked for tilt of O1. Image appears aligned on occulter and there is no way to replace the O1 with a tilt unintentionally. The only other possibility for not replacing the O1 correctly would be if it were in the mount backward.

\*\*MKIV PROBLEM\*\* Tue Jan 9 19:42:31 GMT 2001

Inspected O1 visually and with silk glove (reason for more body-part occultation of coronal image). O1 appears to be oriented OK front-to-back. curved surface of plano-convex lens is facing the sun. Dusted off O1 before concluding inspection.

Tue Jan 9 20:02:25 GMT 2001 CHIP LSD

Tue Jan 9 20:05:16 GMT 2001 CHIP End LSD

Tue Jan 9 20:05:32 GMT 2001 CHIP BiasLSD

Tue Jan 9 20:06:22 GMT 2001 CHIP End BiasLSD

Tue Jan 9 20:06:38 GMT 2001 CHIP Bias7

Tue Jan 9 20:07:28 GMT 2001 CHIP End Bias7

MKIV COMMENT: Tue Jan 9 20:24:39 GMT 2001

Queued up a CORRECT.

Tue Jan 9 20:29:47 GMT 2001 MKIV End Correct

Tue Jan 9 20:30:41 GMT 2001 MKIV Start Patrol

\*\*MKIV PROBLEM\*\* Tue Jan 9 20:51:25 GMT 2001

xanim image on display looks better now, compared to this morning.

--change for better noticed BEFORE correction,

no change after correction. hmmm...

Did the change occur due to my inspection?? Did I re-dirty the lens with my presence? Did the sky change? hmmm....

Tue Jan 9 22:04:49 GMT 2001 PICS End Patrol  
Tue Jan 9 22:05:41 GMT 2001 CHIP End Patrol  
Tue Jan 9 22:17:20 GMT 2001

MkIV

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