
Mauna Loa Solar Observatory Observer's Log

Tue Jul 9 16:17:35 GMT 2002

Year: 02 Doy: 190

Observer: yasukawa

WEATHER COMMENT: Tue Jul 9 16:17:40 GMT 2002

Cool, clear, light southeast wind.

Tue Jul 9 16:22:31 GMT 2002 CHIP Start Patrol

Tue Jul 9 16:22:45 GMT 2002 PICS Start Patrol

Tue Jul 9 16:27:36 GMT 2002 MKIV Start Patrol

PSPT COMMENT: Tue Jul 9 17:09:06 GMT 2002

Starting regular observations.

COMMENT: Tue Jul 9 17:09:44 GMT 2002

I may have been knocking the spar around. I have been mounting a camcorder to the spar to record the mk4 O1 movements later on in the morning.

I will be taping some cables out of the way which may knock the spar around some more.

PSPT PROBLEM: Tue Jul 9 17:19:23 GMT 2002

PSPT images are overexposed and multiple. Aborted and will have to check things out.

PSPT PROBLEM: Tue Jul 9 17:28:06 GMT 2002

Shutter light constantly on. Troubleshooting shutter failure.

PSPT PROBLEM: Tue Jul 9 17:49:02 GMT 2002

Removed, inspected, tested shutter.

There is some wear on shutter blades but shutter operated OK when plugged directly into controller. Unplugging may have reset logic. Shutter open lamp went out and stayed off unless shutter actuated. Replaced shutter and resumed observations.

MKIV PROBLEM: Tue Jul 9 17:51:45 GMT 2002

Camcorder mounted to mk4 tube looking at O1 guider cam mechanisms. E/W mechanism will be at top of frame and N/S mechanism will be at left edge of frame. Time on camcorder set to within a few seconds of nahenahe time.

The images on the video should correspond to timing of mk4 gif images.

MKIV PROBLEM: Tue Jul 9 17:57:21 GMT 2002

Turned camcorder on to REC.

MKIV PROBLEM: Tue Jul 9 17:57:57 GMT 2002

O1 guider cams will be doing funny stuff for a while--Starting Calibrations.

Tue Jul 9 18:02:55 GMT 2002 MKIV End Patrol

Tue Jul 9 18:03:07 GMT 2002 MKIV Start Cal

Tue Jul 9 18:04:26 GMT 2002 PICS Flat

Tue Jul 9 18:07:30 GMT 2002 PICS End Flat

PSPT PROBLEM: Tue Jul 9 18:16:44 GMT 2002

PSPT hung up at 1811 UT in Hi-Res program, after clr CaK --- Hope to help hang instruction. Kill/ restart to recover.

WEATHER COMMENT: Tue Jul 9 18:22:27 GMT 2002

Scattered cirrus passing overhead. Probably corrupted 1812 UT mk4 scan.

PICS COMMENT: Tue Jul 9 18:51:43 GMT 2002

PICS polarimeter components removed yesterday packed up and will be dropped off at FEDEX this afternoon for shipment to Kim.

GONG COMMENT: Tue Jul 9 18:53:57 GMT 2002

Going down to GONG to do weekly PM.

Tue Jul 9 19:01:51 GMT 2002 CHIP LSD
Tue Jul 9 19:04:16 GMT 2002 CHIP End LSD
Tue Jul 9 19:04:31 GMT 2002 CHIP BiasLSD
Tue Jul 9 19:05:32 GMT 2002 CHIP End BiasLSD
Tue Jul 9 19:05:41 GMT 2002 CHIP Bias
Tue Jul 9 19:06:36 GMT 2002 CHIP End Bias

WEATHER COMMENT: Tue Jul 9 19:18:06 GMT 2002

In cirrus.

**** EVENT COMMENT ****: Tue Jul 9 19:31:28 GMT 2002

CME at PA 250-265 from around 1822 UT. Slower , more subtle one takes off at 235-250 from around 1827 UT.

**** EVENT COMMENT ****: Tue Jul 9 19:35:20 GMT 2002

There was an EPL at PA 85-90 between 1702-1756 UT. No coronal activity seen.

Tue Jul 9 19:41:38 GMT 2002 CHIP End Patrol

COMMENT: Tue Jul 9 19:41:53 GMT 2002

Stopping to reconfigure dome shutter.

MKIV PROBLEM: Tue Jul 9 19:42:26 GMT 2002

I will stop camcorder at this time.

Tue Jul 9 19:45:51 GMT 2002 PICS End Patrol
Tue Jul 9 19:53:38 GMT 2002 CHIP Start Patrol
Tue Jul 9 19:54:20 GMT 2002 MKIV Start Patrol

PICS COMMENT: Tue Jul 9 19:53:39 GMT 2002

Removing O2K/Cylindrical lens from PICS to ship back to Boulder, too, packed separately.

Tue Jul 9 20:47:54 GMT 2002 PICS Start Patrol

PSPT PROBLEM: Tue Jul 9 21:49:50 GMT 2002

Pspt hung up at 2130 UT in Hi-Res mode taking CaK dark image.

Killed, restarted and shut down.

WEATHER COMMENT: Tue Jul 9 21:51:15 GMT 2002

Cirrostratus very thick now.

MKIV PROBLEM: Tue Jul 9 21:52:23 GMT 2002

Video tape of O1 guider cam mechanism is being mailed to David.

Tue Jul 9 21:54:01 GMT 2002 MKIV End Patrol

MKIV PROBLEM: Tue Jul 9 21:53:40 GMT 2002

Camcorder is being left on the spar for further tests on next clear day.

Tue Jul 9 22:03:21 GMT 2002 CHIP End Patrol
Tue Jul 9 22:04:35 GMT 2002 PICS End Patrol

WEATHER COMMENT: Tue Jul 9 22:09:16 GMT 2002

In orographic clouds.

Tue Jul 9 22:20:29 GMT 2002

MkIV

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16_30.rawmk4 17_36.rawmk4 18_48.rawmk4 20_00.rawmk4 21_02.rawmk4

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