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Mauna Loa Solar Observatory Observer's Log  
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Wed Jun 4 16:44:42 GMT 1997

Year: 97 Doy: 155

Observer: koon

WEATHER COMMENT: Wed Jun 4 16:45:02 GMT 1997

Clear sky, wind=15 mph from the SE, temp=49 F.

Wed Jun 4 16:57:20 GMT 1997 CHIP Startup--Initializing new tape

Wed Jun 4 16:59:02 GMT 1997 CHIP CHIP Start Patrol

Wed Jun 4 16:59:12 GMT 1997 dPMon Start Patrol

Wed Jun 4 17:00:31 GMT 1997 dPMon Flat

Wed Jun 4 17:01:28 GMT 1997 dPMon End Flat

Wed Jun 4 17:03:34 GMT 1997 CHIP Bias

Wed Jun 4 17:04:22 GMT 1997 CHIP End Bias

Wed Jun 4 17:04:32 GMT 1997 CHIP Water

Wed Jun 4 17:05:01 GMT 1997 CHIP End Water

LOW-L COMMENT: Wed Jun 4 17:05:30 GMT 1997

L00457 pooped out of deive #0 automatically as it should have, and data started going to drive #1. But due to a problem with the CHIP tape drive, and with Steve's permission, I removed drive #1 and installed it on the Kii system temporarily. I placed L00458 in drive #0 which is the only drive for Lowl temporarily. We can manually change tapes in the morning after a tape has more than 86 files on it, a tape can hold 106 files.

CHIP COMMENT: Wed Jun 4 17:09:49 GMT 1997

Running with data going to tape drive #1 borrowed from Lowl. I installed the same active terminator on this drive that was used on the spare drive when it kept failing. The active terminator on Lowl tape drive #0 is the one usually installed on Lowl tape drive #1.

WEATHER COMMENT: Wed Jun 4 17:34:29 GMT 1997

I don't see any haze or cirrus but the sky looks bright on the dPMon occulted images, and on the MKIII images.

MKIII COMMENT: Wed Jun 4 17:35:54 GMT 1997

Scans look bad, as if signal is amplified too much, maybe it is due to dust or aerosols above us.

Wed Jun 4 18:02:52 GMT 1997 dPMon Flat

Wed Jun 4 18:03:04 GMT 1997 CHIP Bias

Wed Jun 4 18:03:44 GMT 1997 dPMon End Flat

Wed Jun 4 18:03:59 GMT 1997 CHIP End Bias

Wed Jun 4 18:04:09 GMT 1997 CHIP Water

Wed Jun 4 18:04:47 GMT 1997 CHIP End Water

Wed Jun 4 19:02:09 GMT 1997 CHIP Bias

Wed Jun 4 19:02:58 GMT 1997 CHIP End Bias

Wed Jun 4 19:03:10 GMT 1997 dPMon Flat

Wed Jun 4 19:03:07 GMT 1997 CHIP Water

Wed Jun 4 19:03:43 GMT 1997 CHIP End Water

Wed Jun 4 19:04:08 GMT 1997 dPMon End Flat

CHIP COMMENT: Wed Jun 4 19:41:08 GMT 1997

Had a "Optics:Busy" crash at 1928, will do Kill/Run to restart.

Wed Jun 4 20:00:17 GMT 1997 CHIP CHIP Start Patrol

CHIP COMMENT: Wed Jun 4 20:00:37 GMT 1997

Finally got Patrol running again, couldn't get Run to work until I adjusted the connections on the Ethernet Transceivers, before that I kept getting the message:

Make Mechanism Control Computer ready then Run again.

DPMON COMMENT: Wed Jun 4 20:09:44 GMT 1997

Just noticed that there was an "Optics:Busy" crash on this instrument at 1928 also. Maybe the Ethernet connection problem caused loss of contact between the MCC and Kii and Nene, causing the crashes to happen at the same time. Will use Kill/Run to fix.

Wed Jun 4 20:16:45 GMT 1997 dPMon Start Patrol

COMMENT: Wed Jun 4 20:27:16 GMT 1997

Extended the dome slot

Wed Jun 4 20:53:11 GMT 1997 CHIP CHIP Start Patrol

CHIP COMMENT: Wed Jun 4 20:52:40 GMT 1997

"Optics:Busy" crash caused by me wiggling the ethernet connections trying to figure out why the network to HAO was down. It turns out that it wasn't a local network problem, at least not until I wiggled those connections. Did Kill/Run to fix it.

Wed Jun 4 20:55:43 GMT 1997 dPMon Start Patrol

DPMON COMMENT: Wed Jun 4 20:54:44 GMT 1997

"Optics:Busy" crash at exactly the same time as with the CHIP, see previous CHIP comment for information. Fixed with Kill/Run.

Wed Jun 4 21:01:56 GMT 1997 dPMon Flat

Wed Jun 4 21:02:52 GMT 1997 dPMon End Flat

Wed Jun 4 21:03:05 GMT 1997 CHIP Bias

Wed Jun 4 21:03:57 GMT 1997 CHIP End Bias

Wed Jun 4 21:04:08 GMT 1997 CHIP Water

Wed Jun 4 21:04:39 GMT 1997 CHIP End Water

Wed Jun 4 21:25:54 GMT 1997 dPMon End Patrol

WEATHER COMMENT: Wed Jun 4 21:25:59 GMT 1997

Starting to get dust blown up here from construction site. Sky is getting brighter too.

COMMENT: Wed Jun 4 21:26:42 GMT 1997

Stopping observations due to dust, will do some things in Hilo.

MKIII COMMENT: Wed Jun 4 21:27:05 GMT 1997

Not saving tape due to poor scans (highly polarized) all day.

Wed Jun 4 21:28:34 GMT 1997 CHIP CHIP End Patrol

Wed Jun 4 21:29:40 GMT 1997 CHIP ending tape

COMMENT: Wed Jun 4 21:28:02 GMT 1997

Activity report:

QP: 55-75; 220-235; 300.

No coronal activity.

TAPES:

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DPMON: P00900

CHIP: C00320

LOWL: L00458 in drive #0