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Mauna Loa Solar Observatory Observer's Log  
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Mon Apr 14 16:41:01 GMT 2003

Year: 03 Doy: 104

Observer: stueben

WEATHER COMMENT: Mon Apr 14 16:44:08 GMT 2003

Cool, in broken, moderate to thin cirrostratus overcast, south wind.

Mon Apr 14 16:47:38 GMT 2003 PICS Start Patrol

Mon Apr 14 16:47:47 GMT 2003 CHIP Start Patrol

PSPT COMMENT: Mon Apr 14 16:51:23 GMT 2003

Starting daily observations.

\*\*MLSO PROBLEM\*\*: Mon Apr 14 17:54:13 GMT 2003

hoike is displaying 4/11. 4/13. and 4/14 data. It did not flush past data from directories.

\*\*MLSO PROBLEM\*\*: Mon Apr 14 17:58:13 GMT 2003

Ran a KD to kill display on hoike, then did a CullOldGif and then d4.

That fixed problem, although I don't know why hoike did not run

CullOldGif automatically at the beginning of the day.

Mon Apr 14 18:01:44 GMT 2003 PICS Flat

Mon Apr 14 18:02:53 GMT 2003 CHIP LSD

Mon Apr 14 18:04:04 GMT 2003 PICS End Flat

Mon Apr 14 18:04:43 GMT 2003 CHIP End LSD

Mon Apr 14 18:04:49 GMT 2003 CHIP BiasLSD

Mon Apr 14 18:05:39 GMT 2003 CHIP End BiasLSD

Mon Apr 14 18:05:45 GMT 2003 CHIP Bias

Mon Apr 14 18:06:36 GMT 2003 CHIP End Bias

MKIV COMMENT: Mon Apr 14 18:09:42 GMT 2003

Starting mk4 to see if the barrel is behaving. Data will be bad due to cloud cover.

Mon Apr 14 18:10:15 GMT 2003 MKIV Start Patrol

MKIV COMMENT: Mon Apr 14 18:17:46 GMT 2003

Barrel is working well today.

Mon Apr 14 19:26:08 GMT 2003 CHIP End Patrol

COMMENT: Mon Apr 14 19:26:17 GMT 2003

Stopping to reconfigure dome shutter.

Mon Apr 14 19:26:28 GMT 2003 PICS End Patrol

GONG COMMENT: Mon Apr 14 19:26:32 GMT 2003

Performed weekly and monthly GONG preventive maintenance.

Mon Apr 14 19:32:22 GMT 2003 CHIP Start Patrol

Mon Apr 14 19:32:34 GMT 2003 PICS Start Patrol

MKIV COMMENT: Mon Apr 14 19:53:53 GMT 2003

Testing barrel response to OCP controls.

Mon Apr 14 19:55:05 GMT 2003 MKIV Start Patrol

Mon Apr 14 20:01:15 GMT 2003 MKIV End Patrol

MKIV COMMENT: Mon Apr 14 20:19:15 GMT 2003

Testing barrel and tiltplate without OCP cable.

Mon Apr 14 20:19:41 GMT 2003 MKIV Start Cal

Mon Apr 14 20:38:24 GMT 2003 MKIV End Cal  
MKIV COMMENT: Mon Apr 14 20:52:01 GMT 2003  
Removed cable between OCP Tilt, Barrel, O1 connector on rear panel and  
20A1 box on north side of pier. Removed Barrel and O1 Rotation hand  
control box from 20A1 box. These functions have been replaced by  
KCC system and documentation had not been updated. They were confusing  
the barrel troubleshooting effort.

Mon Apr 14 21:03:21 GMT 2003 MKIV Start Patrol  
\*\*MKIV PROBLEM\*\*: Mon Apr 14 21:09:03 GMT 2003  
Found out that barrel pulses loop thru the handbox upstairs so I reconnected it.

Mon Apr 14 21:15:32 GMT 2003 MKIV End Patrol  
Mon Apr 14 21:15:42 GMT 2003 MKIV Start Patrol  
Mon Apr 14 21:27:47 GMT 2003 MKIV End Patrol  
Mon Apr 14 22:14:25 GMT 2003 MKIV Start Patrol  
MKIV COMMENT: Mon Apr 14 22:14:38 GMT 2003  
Testing new jumper plug I made to replace hand control box for barrel and  
O1 rotation upstairs.

Mon Apr 14 22:20:47 GMT 2003 MKIV End Patrol  
MKIV COMMENT: Mon Apr 14 22:25:49 GMT 2003  
Jumper worked ok so I removed the hand control box and left jumper in 20A1  
box at J3 position.

Mon Apr 14 23:18:20 GMT 2003 CHIP End Patrol  
Mon Apr 14 23:18:28 GMT 2003 PICS End Patrol  
WEATHER COMMENT: Mon Apr 14 23:18:33 GMT 2003  
In dense clouds. Idled PICS, CHIP, PSPT.

Tue Apr 15 00:01:37 GMT 2003 CHIP Start Patrol  
WEATHER COMMENT: Tue Apr 15 00:01:37 GMT 2003  
Clouds thinned, Restarting PICS, CHIP and PSPT.

Tue Apr 15 00:01:50 GMT 2003 PICS Start Patrol  
Tue Apr 15 00:14:13 GMT 2003 MKIV Start Patrol  
MKIV COMMENT: Tue Apr 15 00:16:29 GMT 2003  
Checking out barrel rotation again. No good data, in clouds.

Tue Apr 15 00:20:22 GMT 2003 MKIV End Patrol  
Tue Apr 15 00:38:23 GMT 2003 CHIP End Patrol  
Tue Apr 15 00:38:37 GMT 2003 PICS End Patrol  
WEATHER COMMENT: Tue Apr 15 00:39:43 GMT 2003  
In thick clouds again, suspended PICS, CHIP and PSPT.

Tue Apr 15 00:49:39 GMT 2003 CHIP Start Patrol  
Tue Apr 15 00:49:47 GMT 2003 PICS Start Patrol  
WEATHER COMMENT: Tue Apr 15 00:49:30 GMT 2003  
In another thin hole, restarted PICS, CHIP, and PSPT.

Tue Apr 15 01:32:27 GMT 2003 CHIP End Patrol  
WEATHER COMMENT: Tue Apr 15 01:32:33 GMT 2003  
Clouds thick again, suspending CHIP and PICS. Shutting down PSPT to try  
a couple of tests.

Tue Apr 15 01:33:58 GMT 2003 PICS End Patrol  
\*\*PSPT PROBLEM\*\*: Tue Apr 15 01:56:35 GMT 2003  
PSPT's PC monitor was fading, display was getting progressively harder to

read. Replaced the ancient, armored, rackmount monochrome monitor with a spare ACER 34T UVGA monitor that we had stored here. It was one that was used on LOWL until it was replaced by newer unit (same type) when LOWL was upgraded to ECHO. I am not sure whether it had problems when it was replaced, it is used and old, it is working with the PSPT PC for now, display is much more readable.

WEATHER COMMENT: Tue Apr 15 02:02:30 GMT 2003

Thick cirrostratus continues. Shutting down for the day.

Tue Apr 15 02:05:06 GMT 2003

MkIV

00_14.rawmk4	18_22.rawmk4	20_35.rawmk4	21_18.rawmk4	c20_25.rawmk4
00_17.rawmk4	18_25.rawmk4	21_03.rawmk4	21_21.rawmk4	c20_31.rawmk4
18_10.rawmk4	19_55.rawmk4	21_06.rawmk4	21_24.rawmk4	
18_13.rawmk4	19_58.rawmk4	21_08.rawmk4	22_14.rawmk4	
18_16.rawmk4	20_22.rawmk4	21_12.rawmk4	22_17.rawmk4	
18_19.rawmk4	20_28.rawmk4	21_15.rawmk4	c20_19.rawmk4	