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Mauna Loa Solar Observatory Observer's Log  
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Tue Jul 4 16:14:38 GMT 2000  
Year: 00 Doy: 186  
Observer: yasukawa  
WEATHER COMMENT: Tue Jul 4 16:15:28 GMT 2000  
Cool, in moderate cirrus overcast, brisk southeast wind.  
Tue Jul 4 16:16:10 GMT 2000 CHIP Startup--Initializing new tape  
Tue Jul 4 16:20:39 GMT 2000 CHIP CHIP Start 7 Passband Patrol  
Tue Jul 4 16:20:49 GMT 2000 PICS Start Patrol  
Tue Jul 4 17:11:12 GMT 2000 MKIV Start Patrol  
WEATHER COMMENT: Tue Jul 4 17:12:59 GMT 2000  
Clear hole.  
Tue Jul 4 18:02:22 GMT 2000 PICS Flat  
Tue Jul 4 18:05:34 GMT 2000 PICS End Flat  
\*\*MKIV PROBLEM\*\*: Tue Jul 4 18:12:24 GMT 2000  
Seems that the cirrus causes a saturation in the images that changes the gains in the xanim processing. Xanim images were OK this morning but they are now very saturated, including images that were previously OK, after observing tru cirrus.  
WEATHER COMMENT: Tue Jul 4 18:15:29 GMT 2000  
In cirrus again, stopping MK4. I will also reset the KCC while stopped.  
\*\*MKIV PROBLEM\*\*: Tue Jul 4 18:21:33 GMT 2000  
Rebooted KCC.  
\*\*CHIP PROBLEM\*\*: Tue Jul 4 18:21:45 GMT 2000  
Stopping CHIP. Getting tape i/o errors. Amber led flashing at a cadence indicating a cleaning request. Unloading C01170, cleaning drive again (did it yesterday) and loading C01171.  
\*\*CHIP PROBLEM\*\*: Tue Jul 4 18:26:52 GMT 2000  
CHIP was also crashed, stalled at WaitTape. Cancelled Wait to get program moving again so it could end.  
Tue Jul 4 18:38:04 GMT 2000 CHIP CHIP Start 7 Passband Patrol  
\*\*CHIP PROBLEM\*\*: Tue Jul 4 18:58:06 GMT 2000  
Continuing to get tape i/o errors. I will repeat tape swap, cleaning drive 2x and will load a low-use tape.  
Tue Jul 4 18:59:28 GMT 2000 CHIP CHIP End Patrol  
Tue Jul 4 19:00:00 GMT 2000 CHIP ending tape  
Tue Jul 4 19:08:23 GMT 2000 CHIP CHIP Start 7 Passband Patrol  
COMMENT: Tue Jul 4 19:10:01 GMT 2000  
Stopping to reconfigure dome shutter.  
Patrol  
Tue Jul 4 19:12:49 GMT 2000 CHIP CHIP End Patrol  
Tue Jul 4 19:18:59 GMT 2000 PICS Start Patrol  
Tue Jul 4 19:18:59 GMT 2000 PICS Start Patrol  
\*\*CHIP PROBLEM\*\*: Tue Jul 4 19:27:29 GMT 2000  
Kii exabyte drive still producing tape i/o errors. Checking it out.  
Tue Jul 4 19:29:30 GMT 2000 CHIP CHIP End Patrol

Tue Jul 4 19:33:37 GMT 2000 CHIP ending tape  
\*\*CHIP PROBLEM\*\*: Tue Jul 4 19:35:35 GMT 2000  
Replacing Datastor 8505XL drive with a spare TTi 8501 drive.  
Set dip switch as follows: 000001101100 as specified by 2/28/00  
communication with Vic.

\*\*CHIP PROBLEM\*\*: Tue Jul 4 19:49:44 GMT 2000  
Cleaned replacement drive and loading H01172 again, data on it was  
marginal-to-bad due to cirrus.  
Did a "gentle shutdown" and reboot (-r) on kii so I could power down  
while changing tape drives.

Tue Jul 4 19:54:02 GMT 2000 CHIP Startup--Initializing new tape  
Tue Jul 4 19:57:25 GMT 2000 CHIP CHIP Start 7 Passband Patrol  
Tue Jul 4 20:02:33 GMT 2000 CHIP Gain7  
Tue Jul 4 20:10:46 GMT 2000 CHIP End Gain  
Tue Jul 4 20:10:57 GMT 2000 CHIP Bias  
Tue Jul 4 20:11:53 GMT 2000 CHIP End Bias

\*\*CHIP PROBLEM\*\*: Tue Jul 4 20:46:34 GMT 2000  
Replacement tape drive appears to be operating OK.  
COMMENT: Tue Jul 4 21:34:53 GMT 2000

Declination reset itself. Repointed spar and reset guider.

Tue Jul 4 21:58:06 GMT 2000 PICS End Patrol

\*\*PICS PROBLEM\*\*: Tue Jul 4 21:58:25 GMT 2000

Did not detect any problem with occulting wheel today.  
COMMENT: Tue Jul 4 22:01:12 GMT 2000

Tapes:

MKIV: 00-186

PICS: P01791

CHIP: C01170, C01171, C01172

LOWL: L00728

Tue Jul 4 22:07:33 GMT 2000 CHIP CHIP End Patrol

Tue Jul 4 22:08:02 GMT 2000 CHIP ending tape

Tue Jul 4 22:08:35 GMT 2000

MkIV

17_11.rawmk4	17_26.rawmk4	17_40.rawmk4	18_02.rawmk4	c17_58.rawmk4
17_14.rawmk4	17_29.rawmk4	17_43.rawmk4	18_08.rawmk4	c18_05.rawmk4
17_17.rawmk4	17_32.rawmk4	17_46.rawmk4	18_11.rawmk4	
17_20.rawmk4	17_35.rawmk4	17_49.rawmk4	18_14.rawmk4	
17_23.rawmk4	17_37.rawmk4	17_55.rawmk4	c17_52.rawmk4	