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Mauna Loa Solar Observatory Observer's Log  
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Fri Nov 3 17:10:21 GMT 2000

Year: 00 Doy: 308

Observer: yasukawa

Fri Nov 3 17:10:56 GMT 2000 CHIP Startup--Initializing new tape

WEATHER COMMENT: Fri Nov 3 17:11:19 GMT 2000

Cool, in moderately thick, extensive cirrus overcast, light southwest wind.

COMMENT: Fri Nov 3 17:12:10 GMT 2000

Road between Hilo and MLSO clear and dry today. Komohana street, a main crosstown bypass is cut due to washout. Big Island got 36+ inches of rain in 24 hours Wednesday night to 2PM yesterday, Area where I live got 29+ inches, area where Darryl lives recorded 25+ inches in 24 hours.

No snow on mountains, some water in control room in the usual place in the PSPT control room. Equipment and stored boxes all on risers so they did not get water damage. FAX indicates there were 4 power outages during the storm--prints out a power interruption message each time. Systems look like they are up and running this morning. Will check GONG later.

WEATHER COMMENT: Fri Nov 3 17:26:03 GMT 2000

Sun is ver diffuse, guider is not tracking well at this time.

Fri Nov 3 17:35:58 GMT 2000 CHIP Start 7 Passband Patrol

Fri Nov 3 17:43:17 GMT 2000 PICS Start Patrol

\*\*PICS PROBLEM\*\*: Fri Nov 3 17:43:35 GMT 2000

PICS stalled in init. Cancelled WaitReply and program proceded.

WEATHER COMMENT: Fri Nov 3 17:52:16 GMT 2000

Guiding still very lazy.

GONG COMMENT: Fri Nov 3 17:53:20 GMT 2000

Going down to GONG. There are problems with their Exabyte drives.

Fri Nov 3 18:04:48 GMT 2000 PICS Flat

Fri Nov 3 18:08:13 GMT 2000 PICS End Flat

GONG COMMENT: Fri Nov 3 19:01:37 GMT 2000

Back from GONG.

\*\*ECHO PROBLEM\*\*: Fri Nov 3 19:02:25 GMT 2000

Noticed Echo is not pointing to sun, it is still sitting at sunrise.

Checking it out.

\*\*ECHO PROBLEM\*\*: Fri Nov 3 19:16:33 GMT 2000

Initialized HA and elevation, apparently one needs to do that after a power outage. Tracker moved to sun position once that procedure was executed.

Loaded Jonathan Graham's new MOF1 temperature setpoint (to 122) as requested.

MKIV COMMENT: Fri Nov 3 19:33:40 GMT 2000

Backing up nahenahe system to tape since we are not observing with MKIV today.

Fri Nov 3 20:03:46 GMT 2000 CHIP Gain7

Fri Nov 3 20:08:40 GMT 2000 PICS End Patrol  
Fri Nov 3 20:13:20 GMT 2000 CHIP End Gain7  
Fri Nov 3 20:13:29 GMT 2000 CHIP Bias7  
Fri Nov 3 20:14:23 GMT 2000 CHIP End Bias7  
Fri Nov 3 20:16:11 GMT 2000 PICS Start Patrol  
PICS COMMENT: Fri Nov 3 20:19:32 GMT 2000  
Changed occulter to larger size. Went from #5(1971 arc-sec.) to #4(1981 arc-sec.).  
WEATHER COMMENT: Fri Nov 3 20:55:55 GMT 2000  
In orographic clouds.  
Fri Nov 3 20:58:59 GMT 2000 CHIP End Patrol  
Fri Nov 3 20:59:43 GMT 2000 CHIP FrontEnd finished.  
MKIV COMMENT: Fri Nov 3 21:39:55 GMT 2000  
nahenahe backup complete.  
\*\*CHIP PROBLEM\*\*:  
Fri Nov 3 21:51:28 GMT 2000  
Polycarbonate diffuser arrived on Wednesday. Installed it today after observations. It was a little thinner than the original glass diffuser (now stored in the surplus optics cabinet with the old MKIII optics) so I cut out a cardboard ring to use as a spacer for now to mount the new diffuser. Sent David email to go ahead and modify the gain exposures in the program for tomorrow. Also requested that Clarke make a more permanent spacer.  
COMMENT: Fri Nov 3 21:58:49 GMT 2000  
Tapes:  
No data tapes, CHIP data was written to kaiee and to DLT in test today. Alice is not quite satisfied with timing so we will continue with Exabytes tomorrow. Today's Exabyte is being recycled.  
Fri Nov 3 22:03:59 GMT 2000  
MkIV