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Mauna Loa Solar Observatory Observer's Log  
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Sun Sep 22 16:35:00 GMT 1996

Year: 96 Doy: 266

Observer: yasukawa

Sun Sep 22 16:35:06 GMT 1996 CHIP Startup--Initializing new tape

LOW-L COMMENT: Sun Sep 22 16:36:40 GMT 1996

lowl found slewed to about 2 hours after sunrise position and taking data. Target shows sun at wrong position. Turned off and restarted but same result. Tapes will be recycled since no data on them. Turned lowl off again and will wait for sun to get higher in sky and then attempt restart and hope guider grabs location.

COMMENT: Sun Sep 22 16:46:23 GMT 1996

ovc CiCu

LOW-L COMMENT: Sun Sep 22 17:25:25 GMT 1996

lowl still not working. When trying to stop program with a 'q' and answer 'y' to are you sure, the program then goes through a new start up. Also unable to slew the coelostat to a new position and make it stay there, the program takes up the INCORRECT Ha and moves the coelostat back.

Sun Sep 22 18:46:26 GMT 1996 CHIP CHIP Start Patrol

CHIP COMMENT: Sun Sep 22 18:51:31 GMT 1996

start 1850 in clouds. Guider values about 800 and tracking

Sun Sep 22 19:03:11 GMT 1996 dPMon Start Patrol

Sun Sep 22 19:03:09 GMT 1996 CHIP Bias

Sun Sep 22 19:04:13 GMT 1996 CHIP End Bias

Sun Sep 22 19:04:28 GMT 1996 CHIP Water

Sun Sep 22 19:05:04 GMT 1996 CHIP End Water

Sun Sep 22 19:07:22 GMT 1996 dPMon End Patrol

DPMON COMMENT: Sun Sep 22 19:08:28 GMT 1996

attempted to run but clouds too thick to get occulted images

Sun Sep 22 19:22:29 GMT 1996 dPMon Start Patrol

Sun Sep 22 19:30:52 GMT 1996 dPMon End Patrol

DPMON COMMENT: Sun Sep 22 19:30:48 GMT 1996

not sure where the pointing is. Will wait until clear to attempt occulting disk centering.

Sun Sep 22 19:44:55 GMT 1996 dPMon Start Patrol

Sun Sep 22 19:59:59 GMT 1996 dPMon End Patrol

CHIP COMMENT: Sun Sep 22 19:41:53 GMT 1996

run away in y first run away today

Sun Sep 22 20:04:48 GMT 1996 dPMon Start Patrol

Sun Sep 22 20:04:57 GMT 1996 CHIP Gain

CHIP COMMENT: Sun Sep 22 20:06:17 GMT 1996

x runaway

Sun Sep 22 20:08:51 GMT 1996 dPMon End Patrol

DPMON COMMENT: Sun Sep 22 20:08:52 GMT 1996

still no good images on pmon

CHIP COMMENT: Sun Sep 22 20:10:00 GMT 1996

very poor calibration, clouds and motor mic run aways

Sun Sep 22 20:10:15 GMT 1996 CHIP End Gain  
Sun Sep 22 20:10:32 GMT 1996 CHIP Bias  
Sun Sep 22 20:11:20 GMT 1996 CHIP End Bias  
Sun Sep 22 20:11:37 GMT 1996 CHIP Water  
Sun Sep 22 20:12:10 GMT 1996 CHIP End Water  
Sun Sep 22 21:03:02 GMT 1996 CHIP Bias  
Sun Sep 22 21:04:17 GMT 1996 CHIP End Bias  
Sun Sep 22 21:04:31 GMT 1996 CHIP Water  
Sun Sep 22 21:05:13 GMT 1996 CHIP End Water

CHIP COMMENT: Sun Sep 22 21:12:17 GMT 1996

reconfigured dome door, no othe instruments observing at this time, heavy ovc  
cirrus and CiCu

CHIP COMMENT: Sun Sep 22 21:51:57 GMT 1996

2150 wnet to local on motor mics, waiting for less clouds before restarting

Sun Sep 22 22:11:33 GMT 1996 CHIP Bias  
Sun Sep 22 22:12:27 GMT 1996 CHIP End Bias  
Sun Sep 22 22:12:33 GMT 1996 CHIP Water  
Sun Sep 22 22:13:09 GMT 1996 CHIP End Water  
Sun Sep 22 23:03:24 GMT 1996 CHIP Bias  
Sun Sep 22 23:04:45 GMT 1996 CHIP End Bias  
Sun Sep 22 23:04:52 GMT 1996 CHIP Water  
Sun Sep 22 23:05:25 GMT 1996 CHIP End Water  
Mon Sep 23 00:05:03 GMT 1996 CHIP Bias  
Mon Sep 23 00:06:19 GMT 1996 CHIP End Bias  
Mon Sep 23 00:06:26 GMT 1996 CHIP Water  
Mon Sep 23 00:07:00 GMT 1996 CHIP End Water

LOW-L COMMENT: Mon Sep 23 00:11:16 GMT 1996

at 2400 the lowl woke up and went to the correct HA (26.73) to aquire the sun.

Inserted tapes into both drives (no data on either) Now taking data on drive 0.

COMMENT: Mon Sep 23 00:13:46 GMT 1996

Still to much Ci to run MKIII or DPmon

CHIP COMMENT: Mon Sep 23 00:14:21 GMT 1996

CHIP restarted in Ci about 2400

Mon Sep 23 01:02:15 GMT 1996 CHIP Bias  
Mon Sep 23 01:03:45 GMT 1996 CHIP End Bias  
Mon Sep 23 01:04:01 GMT 1996 CHIP Water  
Mon Sep 23 01:04:44 GMT 1996 CHIP End Water  
Mon Sep 23 01:17:23 GMT 1996 dPMon Start Patrol  
Mon Sep 23 01:21:44 GMT 1996 dPMon End Patrol

CHIP COMMENT: Mon Sep 23 01:26:34 GMT 1996

0126 switch to local on motor mic to wait for clouds to pass

Mon Sep 23 01:50:39 GMT 1996 dPMon Start Patrol  
Mon Sep 23 01:57:00 GMT 1996 dPMon End Patrol  
Mon Sep 23 02:02:05 GMT 1996 CHIP Bias  
Mon Sep 23 02:03:44 GMT 1996 CHIP End Bias  
Mon Sep 23 02:04:00 GMT 1996 CHIP Water  
Mon Sep 23 02:04:43 GMT 1996 CHIP End Water

Mon Sep 23 02:38:20 GMT 1996 CHIP CHIP End Patrol

Mon Sep 23 02:39:57 GMT 1996 CHIP ending tape

DPMON COMMENT: Mon Sep 23 01:57:15 GMT 1996

got a few good images with the pmon, enough to show a large QP at 308 deg and a small QP at 230 deg. P at 308 visable in CHIP data