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Mauna Loa Solar Observatory Observer's Log  
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Tue Mar 2 16:51:38 GMT 1999

Year: 99 Doy: 061

Observer: yasukawa

WEATHER COMMENT: Tue Mar 2 16:52:56 GMT 1999

Cool, in extensive cirrus overcast, light southwest breeze.

Tue Mar 2 16:53:35 GMT 1999 CHIP Startup--Initializing new tape

COMMENT: Tue Mar 2 17:05:25 GMT 1999

Waiting for guider and sky tx to acquire sun before attempting startup.

Tue Mar 2 17:13:34 GMT 1999 CHIP CHIP Start Patrol

PICS COMMENT: Tue Mar 2 17:16:00 GMT 1999

Not starting PICS yet, David is working on code. PICS is set-up for looking at disc.

Tue Mar 2 17:38:54 GMT 1999 MKIII Start Patrol

WEATHER COMMENT: Tue Mar 2 17:39:22 GMT 1999

In thin cirrus hole. Starting MKIII/IV to get by the first streaky image in case hole clears completely albeit briefly.

MKIV COMMENT: Tue Mar 2 17:47:15 GMT 1999

Stopping MKiii/IV. back in cirrus.

Tue Mar 2 17:51:54 GMT 1999 MKIII End Patrol

Tue Mar 2 18:01:49 GMT 1999 CHIP Bias

Tue Mar 2 18:02:41 GMT 1999 CHIP End Bias

Tue Mar 2 18:02:51 GMT 1999 CHIP Water

Tue Mar 2 18:03:27 GMT 1999 CHIP End Water

Tue Mar 2 19:00:57 GMT 1999 CHIP Bias

Tue Mar 2 19:01:51 GMT 1999 CHIP End Bias

Tue Mar 2 19:02:01 GMT 1999 CHIP Water

Tue Mar 2 19:02:39 GMT 1999 CHIP End Water

WEATHER COMMENT: Tue Mar 2 19:50:28 GMT 1999

Clear (?) hole approaching.

Tue Mar 2 19:50:48 GMT 1999 MKIII Start Patrol

Tue Mar 2 20:02:48 GMT 1999 CHIP Gain

Tue Mar 2 20:07:19 GMT 1999 CHIP End Gain

Tue Mar 2 20:07:35 GMT 1999 CHIP Bias

Tue Mar 2 20:08:27 GMT 1999 CHIP End Bias

Tue Mar 2 20:08:38 GMT 1999 CHIP Water

Tue Mar 2 20:09:13 GMT 1999 CHIP End Water

MKIV COMMENT: Tue Mar 2 20:10:09 GMT 1999

Yes! got one good scan.

Tue Mar 2 20:11:46 GMT 1999 PICS Start Patrol

PICS COMMENT: Tue Mar 2 20:14:53 GMT 1999

OK, PICS up and running. David still hasn't gotten by the problem of getting the Camera task to come up automatically at reboot. Not a big deal to load it each time we need to reboot as we do not reboot that often--just a matter of remembering to do it. David adjusted the exposures from yesterday's tests.

WEATHER COMMENT: Tue Mar 2 20:43:25 GMT 1999

Back in extensive cirrus, stopping MKIV/III.

Tue Mar 2 20:48:56 GMT 1999 MKIII End Patrol  
Tue Mar 2 21:00:37 GMT 1999 PICS Flat  
Tue Mar 2 21:00:47 GMT 1999 CHIP Bias  
Tue Mar 2 21:01:38 GMT 1999 CHIP End Bias  
Tue Mar 2 21:01:48 GMT 1999 CHIP Water  
Tue Mar 2 21:02:06 GMT 1999 PICS End Flat  
Tue Mar 2 21:02:26 GMT 1999 CHIP End Water  
Tue Mar 2 21:14:50 GMT 1999 MKIII Start Patrol

WEATHER COMMENT: Tue Mar 2 21:15:08 GMT 1999

thin to no cirrus hole approaching.

\*\*PICS PROBLEM\*\* : Tue Mar 2 21:21:50 GMT 1999

In clear hole. Disc image is very dark. Display gain set at 1.

Changed gain to 4 and got a nice, but slightly dark disc image.

gain of 8 was too hot. At gain of 4, limb image was too hot.

Do not want to toy with exposures in \$Bin/ProgramDefs unless there  
is prospect of good stretch of somewhat clear sky.

COMMENT: Tue Mar 2 21:31:02 GMT 1999

Lost guiding, possibly declination reset. Repointed and reset dec.

Tue Mar 2 22:02:49 GMT 1999 CHIP Bias  
Tue Mar 2 22:04:01 GMT 1999 CHIP End Bias  
Tue Mar 2 22:04:11 GMT 1999 CHIP Water  
Tue Mar 2 22:04:50 GMT 1999 CHIP End Water  
Tue Mar 2 22:06:29 GMT 1999 MKIII End Patrol  
Tue Mar 2 22:08:27 GMT 1999 CHIP CHIP End Patrol  
Tue Mar 2 22:08:58 GMT 1999 CHIP ending tape  
Tue Mar 2 22:09:49 GMT 1999 PICS End Patrol

COMMENT: Tue Mar 2 22:15:34 GMT 1999

Tapes:

MKIV: 99-061

PICS: P01381

CHIP: C00795

LOWL: L00583

Tue Mar 2 22:17:15 GMT 1999

MkIII

17\_39.rawmk3 20\_03.rawmk3 20\_29.rawmk3 21\_21.rawmk3 21\_47.rawmk3  
17\_42.rawmk3 20\_07.rawmk3 20\_32.rawmk3 21\_24.rawmk3 21\_50.rawmk3  
17\_45.rawmk3 20\_10.rawmk3 20\_36.rawmk3 21\_27.rawmk3 21\_53.rawmk3  
17\_48.rawmk3 20\_13.rawmk3 20\_39.rawmk3 21\_31.rawmk3 21\_56.rawmk3  
19\_50.rawmk3 20\_16.rawmk3 20\_42.rawmk3 21\_34.rawmk3 22\_00.rawmk3  
19\_54.rawmk3 20\_20.rawmk3 20\_45.rawmk3 21\_37.rawmk3 22\_03.rawmk3  
19\_57.rawmk3 20\_23.rawmk3 21\_14.rawmk3 21\_40.rawmk3  
20\_00.rawmk3 20\_26.rawmk3 21\_18.rawmk3 21\_44.rawmk3