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Mauna Loa Solar Observatory Observer's Log  
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Sat Apr 20 16:57:17 GMT 1996

Year: 96 Doy: 111

Observer: koon

WEATHER COMMENT: Sat Apr 20 17:44:04 GMT 1996

Clear sky, wind =10 mph from the SSE, temp=42 F.

Comment--Sat Apr 20 17:44:38 GMT 1996

Work is being done on the CHIP, so the spar is getting bumped around a little.

CHIP--Sat Apr 20 18:03:13 GMT 1996

CHIP Start Patrol

CHIP--Sat Apr 20 18:06:09 GMT 1996

CHIP End Patrol

CHIP--Sat Apr 20 18:06:37 GMT 1996

CHIP Start Patrol

CHIP--Sat Apr 20 18:19:39 GMT 1996

CHIP End Patrol

CHIP--Sat Apr 20 18:25:27 GMT 1996

CHIP Start Patrol

CHIP Comment--Sat Apr 20 18:26:34 GMT 1996

Exposures were messed up until now and wer are not sure everything is OK yet.

CHIP Comment--Sat Apr 20 18:33:17 GMT 1996

Electrical noise is improved from yesterday, but still present at a low enough level that averaged images making up the hsr looks quite good. Polar plume at north pole right over an X-ray point. New AR in East. tiny prominence most likely at about 280deg

CHIP--Sat Apr 20 18:34:50 GMT 1996

CHIP End Patrol

CHIP--Sat Apr 20 18:58:42 GMT 1996

CHIP Start Patrol

CHIP--Sat Apr 20 19:01:52 GMT 1996

CHIP Filemark

CHIP--Sat Apr 20 19:03:04 GMT 1996

Flat

CHIP--Sat Apr 20 19:08:27 GMT 1996

End Flat

CHIP--Sat Apr 20 19:14:44 GMT 1996  
CHIP End Patrol

CHIP Comment--Sat Apr 20 19:22:17 GMT 1996  
Did a flat at 1900 which looked good from this end.  
Measured focus here with image offset 510 arc seconds  
as a compromise between disc center and limb.  
Best resolution at 21000 microns focus setting  
was 7.5 arc-seconds gaussian full width of  
derivative of limb profile.

WEATHER COMMENT: Sat Apr 20 19:36:35 GMT 1996  
Wind has shifted and is coming from the West now, the seeing was good all  
morning (SE winds) until now.

LOW-L COMMENT: Sat Apr 20 19:37:35 GMT 1996  
Paused the program to troubleshoot the CTS10 board and the system clock.  
Removed L00383 from drive #0 and eventually will start up with L00384 in  
drive #0 and L00385 in drive #1.

MKIII COMMENT: Sat Apr 20 20:13:19 GMT 1996  
Shutting down to allow work to be done on the CHIP.

CHIP--CHIP--CHIP--Sat Apr 20 21:16:05 GMT 1996  
ending tape

W-L COMMENT: Sat Apr 20 21:18:00 GMT 1996  
out that the only time the computer system clock gets set by the CTS10  
board is when the computer is rebooted. We may need to create an interrupt  
handler to fix the problem. Restarted system with tapes as mentioned  
in the last lowl message.

Comment--Sat Apr 20 21:21:28 GMT 1996  
Activity report:  
Didn't get coordinates for prominences because we didn't run the dPMon today.  
No coronal activity.

TAPE:  
MKIII: H01271  
LOW-L: L00383 and L00384 in drive #0  
CHIP: C00002

SCAN-LOG  
SCAN-LOG 17:33:14. 4/19/96 DOY 110

17:40:49	17:44:03	17:47:19	17:50:31	17:53:45
17:56:57	18:00:12	18:03:24	18:06:37	18:09:48
18:13:01	18:16:11	1820 0 CL	18:26:19	1830 15CL
18:34:55	18:39:17	18:42:30	18:45:45	18:48:57
18:52:10	18:55:22	18:58:37	19:01:52	19:05:05
19:08:17	19:11:31	19:14:43	19:17:56	19:21:08
19:24:26	19:27:37	19:30:50	19:34:02	19:37:14
19:40:26	19:43:40	19:46:54	19:50:11	19:53:22
19:56:34	19:59:44	20:02:59	20:06:10	20:09:26
20:12:37	20:15:49	20:18:59	20:22:11	20:25:22
20:28:34	20:31:45	20:34:58	20:38:09	20:41:20
20:44:31	20:47:43	20:50:54	20:54:06	20:57:17
21:00:35	21:03:46	21:06:58	21:10:09	21:13:21
21:16:31	21:19:43	21:22:54		

0 ERRORS

OK

SCAN-LOG

SCAN-LOG 17:10:45. 4/20/96 DOY 111

17:16:26	17:19:43	17:22:58	17:26:15	17:29:31
17:32:48	17:36:03	17:39:19	17:42:33	17:45:49
17:49:02	17:52:16	17:55:29	17:58:43	18:01:55
18:05:08	1812 0 CL	18:15:47	1820 15CL	18:24:36
18:28:14	18:31:27	18:34:43	18:37:55	18:41:07
18:44:19	18:47:36	18:50:47	18:53:59	18:57:10
19:00:24	19:03:34	19:06:47	19:10:00	19:13:12
19:16:24	19:19:36	19:22:48	19:26:00	19:29:12
19:32:26	19:35:38	19:38:51	19:42:03	19:45:16
19:48:28	19:51:41	19:54:53	19:58:06	20:01:19
20:04:38	20:07:51	20:11:04		

0 ERRORS

OK