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Mauna Loa Solar Observatory Observer's Log  
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Tue Apr 15 20:13:04 GMT 1997

Year: 97 Doy: 105

Observer: koon

COMMENT: Tue Apr 15 20:13:28 GMT 1997

What a strange day so far, I've been running for a while but finally started this log now.

WEATHER COMMENT: Tue Apr 15 20:14:43 GMT 1997

Clear sky so far, orographic clouds are nearby to the East, wind=5 mph from the North, temp=45 F.

Tue Apr 15 20:16:42 GMT 1997 dPMon Start Patrol

DPMON COMMENT: Tue Apr 15 20:17:55 GMT 1997

Just used Kill/Run to fix a stalled program.

Tue Apr 15 20:19:52 GMT 1997 dPMon Start Patrol

COMMENT: Tue Apr 15 20:33:33 GMT 1997

Extended dome slot

DPMON COMMENT: Tue Apr 15 20:33:48 GMT 1997

Had to use Kill/Run again, stalled during H-alpha.

Tue Apr 15 20:34:45 GMT 1997 dPMon Start Patrol

CHIP COMMENT: Tue Apr 15 20:35:10 GMT 1997

Had to use the Run command about eight times before it finally worked, starting observations.

Tue Apr 15 20:36:14 GMT 1997 CHIP CHIP Start Patrol

COMMENT: Tue Apr 15 20:36:18 GMT 1997

The MKIII has been running since early this morning, but not the dPMon and the CHIP. When I first started the VCP screen came up purplish like Eric noticed yesterday morning, only this time I couldn't clear it and it is still purplish as I write this. I tried the reset button on the MCC, and cycling the power at the MCC and at the "switched power" switch in combinations with the reset button, no difference. I tried rebooting Kii and Nene and then all the combinations mentioned above, still have the purple. I called David and he wasn't sure what it could be but suggested trying a different monitor and checking cable connections. I tried the PC monitor, still have purple, although out of sync. I tried disconnecting and reconnecting the video cables. Then I noticed that I couldn't move the VCP cursor with the mouse, wiggling the mouse cable connection at the MCC fixed that. So I turned off the MCC and removed and replaced the mouse cable, turned on the MCC and then nothing would come on to the screen. After that I tried many things that aren't worth mentioning since they didn't work, so to make a long story short I found out that the Local Network wasn't working (nor was our Internet connection), so after looking at transceivers and checking their connections I couldn't find anything wrong but suddenly the network was working again, so there was probably a loose connection somewhere. I cycled the power on the MCC and was able to get the purplish screen again and this time the mouse would move the cursor. So, counting my blessings and not wanting to

lose any more of the observing day, I started up the dPMon and the CHIP. Here I am with a purplish screen but the instruments seem to be working correctly. By the way, David said there may be a test routine to check the software that the MCC downloads from Kii when it starts up each day, he suspects there is something wrong with the software, he'll let us know if he finds that routine. So on to other things.

Tue Apr 15 21:01:57 GMT 1997 CHIP End Bias

Tue Apr 15 21:02:05 GMT 1997 dPMon Flat

Tue Apr 15 21:02:07 GMT 1997 CHIP Water

Tue Apr 15 21:02:33 GMT 1997 CHIP End Water

Tue Apr 15 21:03:00 GMT 1997 dPMon End Flat

WEATHER COMMENT: Tue Apr 15 21:03:25 GMT 1997

Orographic clouds have been affecting data for about 10 minutes now.

COMMENT: Tue Apr 15 21:18:45 GMT 1997

Dumped scintillometer data to disk for first half of April as requested by Jim Mason.

WEATHER COMMENT: Tue Apr 15 21:19:38 GMT 1997

Clouds are getting fairly thick.

Tue Apr 15 21:44:04 GMT 1997 dPMon End Patrol

DPMON COMMENT: Tue Apr 15 21:44:09 GMT 1997

Pausing due to clouds.

Tue Apr 15 21:53:53 GMT 1997 CHIP CHIP End Patrol

CHIP COMMENT: Tue Apr 15 21:52:24 GMT 1997

Pausing due to clouds. Unfortunately I was unable to do a Spectrum scan due to the clouds. David said to go ahead and change the exposure time to 50 msec and adjust the filter tilt as mentioned in his e-mail if we get the chance, so that the printout for the Spectrum scan gets closer to the passband for the DOY 120 (1996) printout in the Tests section of the CHIP Manual.

Tue Apr 15 23:00:59 GMT 1997 CHIP ending tape

WEATHER COMMENT: Tue Apr 15 23:05:17 GMT 1997

The clouds didn't clear, but I was able to complete the survey of the desired location for the RISE dome.

COMMENT: Tue Apr 15 23:08:00 GMT 1997

Activity Report:

In the hustle to get everything done I didn't write down any QP info. No Coronal activity.

TAPES:

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MKIII: H01534

DPMON: P00862

CHIP: C00280

LOWL: L00450 in drive #0

SCAN-LOG

SCAN-LOG 17:18:53. 4/15/97 DOY 105

17:37:09 17:40:25 17:43:41 17:46:58 17:50:13

17:53:31 17:56:47 18:00:05 18:03:22 18:06:39

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|----------|-----------|----------|----------|-----------|
| 18:09:56 | 18:13:14  | 18:16:30 | 18:19:48 | 1829 0 CL |
| 18:49:22 | 1855 15CL | 19:27:59 | 19:36:09 | 19:39:26  |
| 19:42:44 | 19:45:59  | 19:49:19 | 19:52:37 | 19:55:53  |
| 19:59:09 | 20:02:25  | 20:05:39 | 20:08:55 | 20:12:10  |
| 20:15:26 | 20:18:41  | 20:21:57 | 20:25:12 | 20:28:30  |
| 20:31:45 | 20:35:01  | 20:38:16 | 20:41:38 | 20:44:54  |
| 20:48:10 | 20:51:25  | 20:54:42 | 20:57:57 | 21:01:14  |
| 21:04:29 | 21:07:45  | 21:11:01 | 21:14:23 | 21:17:38  |
| 21:20:55 | 21:24:11  | 21:27:27 | 21:30:43 | 21:34:00  |
| 21:37:15 | 21:40:32  | 21:43:48 |          |           |

0 ERRORS

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