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Mauna Loa Solar Observatory Observer's Log  
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Wed Sep 3 16:52:30 GMT 1997

Year: 97 Doy: 246

Observer: koon

Wed Sep 3 16:52:31 GMT 1997 CHIP Startup--Initializing new tape

WEATHER COMMENT: Wed Sep 3 16:52:45 GMT 1997

Clear sky, wind=5 mph from the SE, temp=48 F.

Wed Sep 3 16:57:35 GMT 1997 dPMon Start Patrol

Wed Sep 3 16:57:27 GMT 1997 CHIP CHIP Start Patrol

Wed Sep 3 17:01:02 GMT 1997 dPMon Flat

Wed Sep 3 17:01:32 GMT 1997 CHIP Bias

Wed Sep 3 17:01:58 GMT 1997 dPMon End Flat

Wed Sep 3 17:02:17 GMT 1997 CHIP End Bias

Wed Sep 3 17:02:27 GMT 1997 CHIP Water

Wed Sep 3 17:02:56 GMT 1997 CHIP End Water

Wed Sep 3 18:00:57 GMT 1997 dPMon Flat

Wed Sep 3 18:01:08 GMT 1997 CHIP Bias

Wed Sep 3 18:01:57 GMT 1997 dPMon End Flat

Wed Sep 3 18:01:55 GMT 1997 CHIP End Bias

Wed Sep 3 18:02:06 GMT 1997 CHIP Water

Wed Sep 3 18:02:41 GMT 1997 CHIP End Water

Wed Sep 3 19:00:57 GMT 1997 dPMon Flat

Wed Sep 3 19:01:50 GMT 1997 dPMon End Flat

Wed Sep 3 19:03:09 GMT 1997 CHIP Bias

Wed Sep 3 19:03:58 GMT 1997 CHIP End Bias

Wed Sep 3 19:04:04 GMT 1997 CHIP Water

Wed Sep 3 19:04:34 GMT 1997 CHIP End Water

COMMENT: Wed Sep 3 19:28:30 GMT 1997

testing

COMMENT: Wed Sep 3 19:28:50 GMT 1997

Something is weird with the xterm window and Console window on Nene. None of my entries this morning got on the log, I'm writing this from Kii via rlogin to Nene. I don't have time to figure out what I entered and reenter everything. I sent all the back logs to Boulder. NOAA isn't sure when the network will be back and Darryl Kuniyuki is out sick until next week, so the earliest we will have the network back is next week. NOAA is waiting for parts from UH, UH had to order the parts.

COMMENT: Wed Sep 3 19:38:45 GMT 1997

The problem with the xterm window on Nene started this morning when I was disconnected abruptly from Boulder while I was logged in via the modem.

MKIII COMMENT: Wed Sep 3 19:48:47 GMT 1997

I'm not keeping track of VDIFFs today since I'm using the Panasonic monitor to help me troubleshoot the Lowl. So I don't know if any CME has happened so far today and won't know for the rest of the

observing day probably.

COMMENT: Wed Sep 3 19:51:46 GMT 1997

I'm heading down to the GONG shelter to briefly check on the weather station.

Wed Sep	3	20:02:04	GMT 1997	CHIP	Gain
Wed Sep	3	20:02:58	GMT 1997	dPMon	Flat
Wed Sep	3	20:03:52	GMT 1997	dPMon	End Flat
Wed Sep	3	20:06:16	GMT 1997	CHIP	End Gain
Wed Sep	3	20:06:27	GMT 1997	CHIP	Bias
Wed Sep	3	20:07:09	GMT 1997	CHIP	End Bias
Wed Sep	3	20:07:20	GMT 1997	CHIP	Water
Wed Sep	3	20:07:50	GMT 1997	CHIP	End Water

COMMENT: Wed Sep 3 20:17:19 GMT 1997

Back from GONG shelter, there is still a problem with their weather station readings, I'll send them a message.

COMMENT: Wed Sep 3 20:32:05 GMT 1997

Extended the dome slot.

WEATHER COMMENT: Wed Sep 3 20:32:15 GMT 1997

Orographic clouds have moved in.

Wed Sep	3	20:34:38	GMT 1997	dPMon	End Patrol
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DPMON COMMENT: Wed Sep 3 20:35:09 GMT 1997

Pausing due to clouds.

MKIII COMMENT: Wed Sep 3 20:35:20 GMT 1997

Pausing due to clouds.

Wed Sep	3	21:03:02	GMT 1997	CHIP	Bias
Wed Sep	3	21:03:50	GMT 1997	CHIP	End Bias
Wed Sep	3	21:03:57	GMT 1997	CHIP	Water
Wed Sep	3	21:04:30	GMT 1997	CHIP	End Water
Wed Sep	3	22:02:02	GMT 1997	CHIP	Bias
Wed Sep	3	22:02:47	GMT 1997	CHIP	End Bias
Wed Sep	3	22:02:53	GMT 1997	CHIP	Water
Wed Sep	3	22:03:28	GMT 1997	CHIP	End Water

WEATHER COMMENT: Wed Sep 3 22:28:47 GMT 1997

Very cloudy, shutting down but continuing work on Lowl outside.

Wed Sep	3	22:30:23	GMT 1997	CHIP	CHIP End Patrol
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LOW-L COMMENT: Thu Sep 4 00:37:03 GMT 1997

After trying various tests and taking apart the top and bottom sections of the instrument it appears that the camera is OK (it sees light and sends out

a video signal anyway). The added signal modifying board in the camera controller is now suspected, so I removed the camera controller and put it on the workbench. David will get back to me on the availability of an extra board to try. So the instrument remains down for repairs.

COMMENT: Thu Sep 4 00:40:32 GMT 1997

Activity report:

QP: 123; 139; 235; 268; 310.

No coronal activity noticed, but no VDIFFs done either.

TAPES:

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MKIII: H01626

DPMON: P00977

CHIP: C00398

LOWL: Down for repairs.

Thu Sep 4 00:42:54 GMT 1997 CHIP ending tape

SCAN-LOG

SCAN-LOG 16:59:12. 9/3/97 DOY 246

17:04:46	17:08:03	17:11:17	17:14:30	17:17:41
17:20:53	17:24:03	17:27:16	17:30:27	17:33:40
17:36:52	17:40:05	17:43:18	17:46:32	17:49:44
17:52:58	17:56:12	17:59:26	18:02:39	18:05:54
18:09:08	18:12:25	18:15:39	18:18:54	18:22:08
18:25:23	18:28:38	18:31:53	1850 0 CL	18:55:29
1907 15CL	19:19:52	19:48:44	19:52:00	19:55:18
19:58:34	20:01:51	20:05:07	20:08:24	20:11:41
20:14:58	20:18:14	20:21:32	20:24:48	20:28:05
20:31:22	20:34:39			

0 ERRORS

OK