
Mauna Loa Solar Observatory Observer's Log

Mon Jun 30 16:23:25 GMT 1997

Year: 97 Doy: 181

Observer: yasukawa

WEATHER COMMENT: Mon Jun 30 16:23:37 GMT 1997

Cool, clear, light south wind.

DPMON COMMENT: Mon Jun 30 16:23:54 GMT 1997

nene started up with a bunch of error messages, basically memory/DMA errors that caused an automatic reboot.

Mon Jun 30 16:25:00 GMT 1997 CHIP Startup--Initializing new tape

Mon Jun 30 16:29:48 GMT 1997 CHIP CHIP Start Patrol

Mon Jun 30 16:30:04 GMT 1997 dPMon Start Patrol

COMMENT: Mon Jun 30 16:30:09 GMT 1997

There was a 6.0 earthquake this morning at 5:48 centered in Puna.

No apparent damage here.

COMMENT: Mon Jun 30 16:33:48 GMT 1997

Powerline monitor reading 122VAC.

MKIII COMMENT: Mon Jun 30 16:34:16 GMT 1997

Not sure what was differnt about how I started up, but xterm icon was gone, I usually pull it down to lower left corner before typing Run command. Brought up another xterm icon from menu.

COMMENT: Mon Jun 30 16:41:53 GMT 1997

Civil Defense indicates that there is a power outage in the Hilo and Puna areas, apparently may be the cause of the higher than normal voltage seen here.

Mon Jun 30 17:00:58 GMT 1997 dPMon Flat

Mon Jun 30 17:01:51 GMT 1997 dPMon End Flat

CHIP COMMENT: Mon Jun 30 17:17:27 GMT 1997

CHIP crashed at 1700 due to software changes made in Boulder. Killing tasks and rebooting as per DE instructions. Starting tape, C00345, over.

Mon Jun 30 17:26:32 GMT 1997 CHIP Startup--Initializing new tape

Mon Jun 30 17:28:33 GMT 1997 CHIP CHIP Start Patrol

CHIP COMMENT: Mon Jun 30 17:28:36 GMT 1997

CHIP Patrol restarted after reboot.

Mon Jun 30 18:01:02 GMT 1997 dPMon Flat

Mon Jun 30 18:01:57 GMT 1997 dPMon End Flat

Mon Jun 30 18:02:03 GMT 1997 CHIP Bias

Mon Jun 30 18:02:50 GMT 1997 CHIP End Bias

Mon Jun 30 18:03:00 GMT 1997 CHIP Water

Mon Jun 30 18:03:30 GMT 1997 CHIP End Water

CHIP COMMENT: Mon Jun 30 18:05:51 GMT 1997

Stopping Patrol to load test program Patrol.slowsan into Patrol.

Mon Jun 30 18:06:37 GMT 1997 CHIP CHIP End Patrol

Mon Jun 30 18:13:16 GMT 1997 CHIP CHIP Start Patrol

CHIP COMMENT: Mon Jun 30 18:13:08 GMT 1997

Copied Patrol.slowtune to Patrol and restarted observing routine.
The word was slowtune, not .slowsan.

CHIP COMMENT: Mon Jun 30 18:32:51 GMT 1997

So far, I do not see any error messages on the console.

WEATHER COMMENT: Mon Jun 30 18:35:18 GMT 1997

Wind coming upslope and contractor is doing backhoe work. Most of dust is vectoring away from our dome, but it is getting up here in our line of sight.

MKIII COMMENT: Mon Jun 30 18:38:18 GMT 1997

Al Kai, DEC engineer is here to work on 11/44 problem.

WEATHER COMMENT: Mon Jun 30 18:49:38 GMT 1997

Winds now light and varying between NW and NE, more dust is coming upslope. A check of DPMON 01 and CHIP prefilter -- they're OK for now.

Mon Jun 30 19:00:59 GMT 1997	dPMon	Flat
Mon Jun 30 19:01:53 GMT 1997	dPMon	End Flat
Mon Jun 30 19:02:10 GMT 1997	CHIP	Bias
Mon Jun 30 19:02:57 GMT 1997	CHIP	End Bias
Mon Jun 30 19:03:06 GMT 1997	CHIP	Water
Mon Jun 30 19:03:42 GMT 1997	CHIP	End Water

CHIP COMMENT: Mon Jun 30 19:06:47 GMT 1997

Only error I detected was a "permission denied" message when the program tried to ftp the raw daily image just after Bias started.

Ending Patrol and reloading Patrol.63097.

Mon Jun 30 19:09:45 GMT 1997	CHIP	CHIP End Patrol
Mon Jun 30 19:12:07 GMT 1997	CHIP	CHIP Start Patrol

CHIP COMMENT: Mon Jun 30 19:12:03 GMT 1997

Patrol reloaded, starting observations back up.

Mon Jun 30 19:20:30 GMT 1997	dPMon	End Patrol
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COMMENT: Mon Jun 30 19:20:39 GMT 1997

Stopping to reconfigure dome shutter.

Mon Jun 30 19:21:33 GMT 1997	CHIP	CHIP End Patrol
Mon Jun 30 19:26:35 GMT 1997	dPMon	Start Patrol
Mon Jun 30 19:26:45 GMT 1997	CHIP	CHIP Start Patrol
Mon Jun 30 20:03:00 GMT 1997	dPMon	Flat
Mon Jun 30 20:03:06 GMT 1997	CHIP	Gain
Mon Jun 30 20:03:56 GMT 1997	dPMon	End Flat
Mon Jun 30 20:07:15 GMT 1997	CHIP	End Gain
Mon Jun 30 20:07:26 GMT 1997	CHIP	Bias
Mon Jun 30 20:08:08 GMT 1997	CHIP	End Bias
Mon Jun 30 20:08:18 GMT 1997	CHIP	Water
Mon Jun 30 20:08:45 GMT 1997	CHIP	End Water

MKIII COMMENT: Mon Jun 30 20:55:02 GMT 1997

Al narrowed the problem to either the memory, again, and/or the RL controller. There was also a side problem with the RL02 unit 0 having a flaky motor speed controller so he checked out the spare RL02 drive and swapped out the bad one. There are more parts needed so he will be back on Wednesday or Thursday depending on where the

parts are sourced from.

Mon Jun 30 21:02:59 GMT 1997	dPMon	Flat
Mon Jun 30 21:03:03 GMT 1997	CHIP	Bias
Mon Jun 30 21:03:54 GMT 1997	dPMon	End Flat
Mon Jun 30 21:03:52 GMT 1997	CHIP	End Bias
Mon Jun 30 21:04:01 GMT 1997	CHIP	Water
Mon Jun 30 21:04:30 GMT 1997	CHIP	End Water
Mon Jun 30 22:02:06 GMT 1997	CHIP	Bias
Mon Jun 30 22:02:55 GMT 1997	CHIP	End Bias
Mon Jun 30 22:03:06 GMT 1997	dPMon	Flat
Mon Jun 30 22:03:05 GMT 1997	CHIP	Water
Mon Jun 30 22:03:39 GMT 1997	CHIP	End Water
Mon Jun 30 22:04:02 GMT 1997	dPMon	End Flat
Mon Jun 30 22:19:53 GMT 1997	dPMon	End Patrol
Mon Jun 30 22:21:35 GMT 1997	CHIP	CHIP End Patrol
Mon Jun 30 22:22:22 GMT 1997	CHIP	ending tape

COMMENT: Mon Jun 30 22:23:33 GMT 1997

Activity Report:

QP: 47; 290;

No coronal data.

Tapes: DPMON: P00924

CHIP: C00345

LOWL: L00462