
Mauna Loa Solar Observatory Observer's Log

Sat May 24 17:19:52 GMT 1997

Year: 97 Doy: 144

Observer: koon

WEATHER COMMENT: Sat May 24 17:19:56 GMT 1997

Clear sky with slight haze, wind=35+ mph from the SW, temp=45 F.

Sat May 24 17:20:35 GMT 1997 CHIP Startup--Initializing new tape

Sat May 24 17:24:21 GMT 1997 dPMon Start Patrol

Sat May 24 17:24:24 GMT 1997 CHIP CHIP Start Patrol

COMMENT: Sat May 24 17:31:07 GMT 1997

Since the dPMon images looked funny yesterday although the sky was very dark blue for a change I figured that the camera controllers must not have the correct gain values loaded into them due to the last power glitch or something. Since the camera controllers must be on before Kii and Nene are booted in order for those gain values to get through to the controllers, I made sure the controllers were on and then I rebooted both Kii and Nene. I'm not sure about the CHIP images but the dPMon images are much better now.

Sat May 24 18:01:00 GMT 1997 dPMon Flat
Sat May 24 18:01:03 GMT 1997 CHIP Bias
Sat May 24 18:01:48 GMT 1997 CHIP End Bias
Sat May 24 18:01:55 GMT 1997 dPMon End Flat
Sat May 24 18:01:55 GMT 1997 CHIP Water
Sat May 24 18:02:25 GMT 1997 CHIP End Water
Sat May 24 19:00:55 GMT 1997 dPMon Flat
Sat May 24 19:01:46 GMT 1997 dPMon End Flat
Sat May 24 19:03:09 GMT 1997 CHIP Bias
Sat May 24 19:03:54 GMT 1997 CHIP End Bias
Sat May 24 19:04:01 GMT 1997 CHIP Water
Sat May 24 19:04:28 GMT 1997 CHIP End Water
Sat May 24 20:00:58 GMT 1997 dPMon Flat
Sat May 24 20:01:54 GMT 1997 dPMon End Flat
Sat May 24 20:02:01 GMT 1997 CHIP Gain
Sat May 24 20:06:11 GMT 1997 CHIP End Gain
Sat May 24 20:06:18 GMT 1997 CHIP Bias
Sat May 24 20:07:00 GMT 1997 CHIP End Bias
Sat May 24 20:07:11 GMT 1997 CHIP Water
Sat May 24 20:07:40 GMT 1997 CHIP End Water

COMMENT: Sat May 24 20:07:18 GMT 1997

Dome blocked the Spar guider, turned off ADR and repointed dome, will wait until the CHIP cal is done before extending the dome slot.

WEATHER COMMENT: Sat May 24 20:21:18 GMT 1997

Wind now 40+ mph from the WSW.

COMMENT: Sat May 24 20:46:56 GMT 1997

Spar is having a hard time tracking, probably due to slight imbalance and the heavy wind. It helped to move it around in Dec and RA to

loosen up cable tension, etcetera.

COMMENT: Sat May 24 20:55:56 GMT 1997

Spar lost tracking in Dec again, I removed a small weight from the lower north side of the Spar to see if this will help with the balance.

Sat May 24 21:00:57 GMT 1997 dPMon Flat
Sat May 24 21:01:53 GMT 1997 dPMon End Flat
Sat May 24 21:02:06 GMT 1997 CHIP Bias
Sat May 24 21:03:00 GMT 1997 CHIP End Bias
Sat May 24 21:03:11 GMT 1997 CHIP Water
Sat May 24 21:03:47 GMT 1997 CHIP End Water

COMMENT: Sat May 24 21:11:02 GMT 1997

Spar still unbalanced in Dec, the sun is north of directly overhead at noon during this time of year, so this imbalance will be apparent for a few months. I installed the small weight that I removed over the larger weight that is clamped to the Spar handle (at the bottom). After the PICS instrument changes in July we can invest some time in getting the Spar truly balanced.

Sat May 24 22:00:53 GMT 1997 dPMon Flat
Sat May 24 22:01:05 GMT 1997 CHIP Bias
Sat May 24 22:01:47 GMT 1997 dPMon End Flat
Sat May 24 22:01:54 GMT 1997 CHIP End Bias
Sat May 24 22:02:04 GMT 1997 CHIP Water
Sat May 24 22:02:39 GMT 1997 CHIP End Water
Sat May 24 22:48:55 GMT 1997 dPMon End Patrol
Sat May 24 22:50:50 GMT 1997 CHIP CHIP End Patrol
Sat May 24 22:57:55 GMT 1997 CHIP ending tape

COMMENT: Sat May 24 22:58:05 GMT 1997

Activity report:

QP: 34; 95; 134; 233; 308.

No coronal activity.

TAPES:

MKIII: H01561

DPMON: P00891

CHIP: C00309

LOWL: L00456 in drive #1

SCAN-LOG

SCAN-LOG 17:18:28. 5/24/97 DOY 144

17:28:41	17:31:49	17:35:00	17:38:11	17:41:24
17:44:35	17:47:49	17:51:01	17:54:15	17:57:28
18:00:43	18:03:58	18:07:13	1815 0 CL	18:18:13
1822 15CL	18:26:56	18:30:54	18:34:09	18:37:31
18:40:46	18:44:02	18:47:17	18:50:34	18:53:49
18:57:06	19:00:21	19:03:38	19:06:53	19:10:09
19:13:26	19:16:43	19:19:58	19:23:15	19:26:31
19:29:48	19:33:04	19:36:21	19:39:37	19:42:54
19:46:11	19:49:30	19:52:46	19:56:03	19:59:20

20:02:37	20:05:55	20:09:17	20:12:34	20:15:53
20:19:09	20:22:27	20:25:44	20:29:01	20:32:17
20:35:39	20:38:55	20:42:12	20:45:28	20:48:46
20:52:01	20:55:18	20:58:34	21:01:51	21:05:07
21:08:23	21:11:38	21:14:54	21:18:08	21:21:24
21:24:39	21:27:56	21:31:12	21:34:27	21:37:41
21:40:58	21:44:12	21:47:27	21:50:41	21:53:56
21:57:09	22:00:26	22:03:42	22:06:58	22:10:11
22:13:26	22:16:40	22:19:54	22:23:08	22:26:23
22:29:36	22:32:51	22:36:04	22:39:19	22:42:32
22:45:46	22:49:00			

0 ERRORS

OK