
Mauna Loa Solar Observatory Observer's Log

Mon Sep 16 16:33:11 GMT 1996

Year: 96 Doy: 260

Observer: yasukawa

WEATHER COMMENT: Mon Sep 16 16:35:03 GMT 1996

clear, light breeze

Mon Sep 16 16:46:02 GMT 1996 dPMon Start Patrol

Mon Sep 16 16:47:09 GMT 1996 CHIP CHIP Start Patrol

COMMENT: Mon Sep 16 16:53:47 GMT 1996

mcc monitor not working. Goes into power saving mode. No change after using reset on monitor. Turned monitor off and unplugged and replugged cable at mcc end. Reset MCC , turned power back on to monitor, now works.

Alot of trouble starting from run on dpmon earlier. Mon Sep 16 17:05:23 GMT 1996 CHIP Bias

Mon Sep 16 17:06:34 GMT 1996 CHIP End Bias

Mon Sep 16 17:06:41 GMT 1996 CHIP Water

Mon Sep 16 17:07:19 GMT 1996 CHIP End Water

COMMENT: Mon Sep 16 17:08:38 GMT 1996

test

Mauna Loa Solar Observatory Observer's Log

Mon Sep 16 17:08:55 GMT 1996

Year: 96 Doy: 260

Observer: yasukawa

DPMON COMMENT: Mon Sep 16 17:09:59 GMT 1996

DPMON wasn't responding, MCC commands not responding. Kill/ Run did not get things going. Exited and relogged in.

Seems to be going again.

Mon Sep 16 17:11:27 GMT 1996 dPMon Start Patrol

COMMENT: Mon Sep 16 17:32:49 GMT 1996

KVS is observer-in-training today.

Mon Sep 16 18:02:56 GMT 1996 dPMon Flat

Mon Sep 16 18:03:51 GMT 1996 dPMon End Flat

Mon Sep 16 18:10:33 GMT 1996 CHIP Bias

Mon Sep 16 18:11:38 GMT 1996 CHIP End Bias

Mon Sep 16 18:11:47 GMT 1996 CHIP Water

Mon Sep 16 18:12:25 GMT 1996 CHIP End Water

Mon Sep 16 19:02:49 GMT 1996 dPMon Flat

Mon Sep 16 19:03:40 GMT 1996 dPMon End Flat

Mon Sep 16 19:03:44 GMT 1996 CHIP Bias

Mon Sep 16 19:04:55 GMT 1996 CHIP End Bias

Mon Sep 16 19:05:04 GMT 1996 CHIP Water

Mon Sep 16 19:05:45 GMT 1996 CHIP End Water

CHIP COMMENT: Mon Sep 16 19:18:13 GMT 1996

Chip hung up about 19:15, cancelled optics and restarted

CHIP COMMENT: Mon Sep 16 19:39:41 GMT 1996

Chip hung, FixCenter/Optics Busy, fixed.

Mon Sep 16 20:02:16 GMT 1996 CHIP Gain
Mon Sep 16 20:02:57 GMT 1996 dPMon Flat
Mon Sep 16 20:03:54 GMT 1996 dPMon End Flat
Mon Sep 16 20:06:54 GMT 1996 CHIP End Gain
Mon Sep 16 20:07:04 GMT 1996 CHIP Bias
Mon Sep 16 20:07:45 GMT 1996 CHIP End Bias
Mon Sep 16 20:07:55 GMT 1996 CHIP Water
Mon Sep 16 20:08:26 GMT 1996 CHIP End Water

COMMENT: Mon Sep 16 20:21:57 GMT 1996

dome door reconfigured from about 20:10- 20:20

Mon Sep 16 21:02:56 GMT 1996 dPMon Flat
Mon Sep 16 21:03:48 GMT 1996 dPMon End Flat
Mon Sep 16 21:05:26 GMT 1996 CHIP Bias
Mon Sep 16 21:06:32 GMT 1996 CHIP End Bias
Mon Sep 16 21:06:41 GMT 1996 CHIP Water
Mon Sep 16 21:07:21 GMT 1996 CHIP End Water
Mon Sep 16 22:02:57 GMT 1996 dPMon Flat
Mon Sep 16 22:03:10 GMT 1996 CHIP Bias
Mon Sep 16 22:03:52 GMT 1996 dPMon End Flat
Mon Sep 16 22:04:15 GMT 1996 CHIP End Bias
Mon Sep 16 22:04:25 GMT 1996 CHIP Water
Mon Sep 16 22:05:03 GMT 1996 CHIP End Water

COMMENT: Mon Sep 16 23:01:59 GMT 1996

Noticed that VDIFFs were showing large image excursions. O1 guiders seem very noisy (oscillating) and Spar guider seemed as though it was bouncing around more than the current wind situation would affect it. Suspect that AGC signal from Sky Transmission is causing oscillation in both guiders. Tweaked the gain on the sensor board between 2245-2300 UT. until Spar guider damped a lot.

Sky tx readout still changing more than I recall as usual.

Leaving sky TX level (gain) at new setting for a while.

Mon Sep 16 23:07:16 GMT 1996 CHIP End Water

WEATHER COMMENT: Mon Sep 16 23:18:59 GMT 1996

clouds, orographic about 23:17. sky still good until clouds

Tue Sep 17 00:02:50 GMT 1996 dPMon Flat
Tue Sep 17 00:03:43 GMT 1996 dPMon End Flat
Tue Sep 17 00:03:41 GMT 1996 CHIP Bias
Tue Sep 17 00:04:54 GMT 1996 CHIP End Bias
Tue Sep 17 00:05:04 GMT 1996 CHIP Water
Tue Sep 17 00:05:40 GMT 1996 CHIP End Water

COMMENT: Tue Sep 17 00:37:06 GMT 1996

CME probably over, shutting down. KVS needs to check into his new digs or go homeless tonight.

Activity report: QP: 10; 81; 110; 125; 225; 230; 275; 280;

NOTE:

CME: Depletion between PA 50-100 and enhancement between PA 100-240
between 2201-2302 UT. Depletion filled back in between
2302-0017 UT.

CMELST alert sent out.

Tapes: MKIII: H01389
DPMON: P00710
CHIP: C00127
LOWL: L00414

SCAN-LOG

SCAN-LOG 17:12:03. 9/16/96 DOY 260

| | | | | |
|-----------|----------|----------|-----------|----------|
| 17:16:45 | 17:19:56 | 17:23:08 | 17:26:19 | 17:29:33 |
| 17:32:44 | 17:35:57 | 17:39:09 | 17:42:22 | 17:45:33 |
| 17:48:47 | 17:51:58 | 17:55:12 | 17:58:24 | 18:01:37 |
| 18:04:50 | 18:08:03 | 18:11:15 | 1815 0 CL | 18:18:41 |
| 1823 15CL | 18:28:25 | 18:32:30 | 18:35:42 | 18:38:56 |
| 18:42:09 | 18:45:22 | 18:48:34 | 18:51:46 | 18:54:58 |
| 18:58:11 | 19:01:23 | 19:04:36 | 19:07:48 | 19:11:02 |
| 19:14:13 | 19:17:27 | 19:20:38 | 19:23:55 | 19:27:07 |
| 19:30:19 | 19:33:30 | 19:36:42 | 19:39:53 | 19:43:06 |
| 19:46:18 | 19:49:31 | 19:52:43 | 19:55:57 | 19:59:10 |
| 20:02:26 | 20:05:38 | 20:08:51 | 20:12:04 | 20:15:18 |
| 20:18:30 | 20:21:43 | 20:24:56 | 20:28:09 | 20:31:22 |
| 20:34:36 | 20:37:48 | 20:41:03 | 20:44:17 | 20:47:35 |
| 20:50:47 | 20:54:00 | 20:57:12 | 21:00:25 | 21:03:37 |
| 21:06:51 | 21:10:03 | 21:13:17 | 21:16:31 | 21:19:44 |
| 21:22:56 | 21:26:10 | 21:29:22 | 21:32:35 | 21:35:48 |
| 21:39:03 | 21:42:16 | 21:45:30 | 21:48:41 | 21:51:54 |
| 21:55:06 | 21:58:19 | 22:01:32 | 22:04:46 | 22:08:01 |
| 22:11:19 | 22:14:31 | 22:17:44 | 22:20:57 | 22:24:10 |
| 22:27:22 | 22:30:35 | 22:33:48 | 22:37:02 | 22:40:16 |
| 22:43:34 | 22:46:48 | 22:50:01 | 22:53:13 | 22:56:27 |
| 22:59:39 | 23:02:53 | 23:06:06 | 23:09:24 | 23:12:38 |
| 23:15:56 | 23:19:08 | 23:22:21 | 23:25:35 | 23:28:53 |
| 23:32:05 | 23:35:24 | 23:38:36 | 23:41:49 | 23:45:02 |
| 23:48:20 | 23:51:32 | 23:54:45 | 23:57:57 | 0:01:10 |
| 0:04:22 | 0:07:37 | 0:10:49 | 0:14:02 | 0:17:15 |
| 0:20:30 | 0:23:44 | 0:26:58 | 0:30:10 | 0:33:25 |
| 0:36:39 | | | | |

0 ERRORS

OK

Tue Sep 17 00:46:20 GMT 1996

dPMon End Patrol

Tue Sep 17 00:47:35 GMT 1996

CHIP CHIP End Patrol