
Mauna Loa Solar Observatory Observer's Log

Tue May 28 16:44:21 GMT 1996

Year: 96 Doy: 149

Observer: koon

WEATHER COMMENT: Tue May 28 16:44:27 GMT 1996

Clear sky, wind=15 mph from the SE, temp=47 F.

Tue May 28 16:48:53 GMT 1996 dPMon Start Patrol

CHIP COMMENT: Tue May 28 16:53:02 GMT 1996

It took 5 attempts at running "Run" before it actually ran and started up the observing setup.

Tue May 28 17:00:53 GMT 1996 dPMon Filemark

Tue May 28 17:00:57 GMT 1996 dPMon Flat

Tue May 28 17:01:46 GMT 1996 dPMon End Flat

Tue May 28 17:02:21 GMT 1996 CHIP CHIP Filemark

Tue May 28 17:02:37 GMT 1996 CHIP Flat

DPMON COMMENT: Tue May 28 17:07:28 GMT 1996

The solar image is still spilling over the North edge of the occulting disk after the program switches from disk to limb images (and the occulting wheel gets moved), but it settles back down to good occulting after that.

Unfortunately the program is set up to take a limb image and save it to tape right after the occulting wheel moves, so those images will look bad.

Tue May 28 18:00:48 GMT 1996 dPMon Filemark

Tue May 28 18:00:52 GMT 1996 dPMon Flat

Tue May 28 18:01:18 GMT 1996 CHIP CHIP Filemark

Tue May 28 18:01:40 GMT 1996 dPMon End Flat

Tue May 28 18:01:37 GMT 1996 CHIP Flat

DPMON COMMENT: Tue May 28 18:28:03 GMT 1996

I moved a weight at the back of the Spar, now the image occulting is more stable.

Tue May 28 18:39:30 GMT 1996 CHIP End Flat

CHIP COMMENT: Tue May 28 18:43:10 GMT 1996

The program got stalled trying to do the hourly calibration. The Optics field showed Busy, I tried killing the WaitOpti processes and that allowed it to continue a little at a time, but since that doesn't solve the problem I did the same thing I did for the dPMon yesterday. Typed Kill into console window, killed leftover processes (except for Xsun and Camera), then changed tapes and typed Run into the console window and restarted the Patrol program. The program seems to be working now.

IP Start Patrol

COMMENT: Tue May 28 18:48:37 GMT 1996

Prominence at PA=120 has been lifting off for about 30 minutes now, it is out to RV=1.15 now, nothing noticeable is visible on the MKIII vdiff images.

Tue May 28 19:00:50 GMT 1996 dPMon Filemark

Tue May 28 19:00:55 GMT 1996 dPMon Flat

Tue May 28 19:01:42 GMT 1996 dPMon End Flat

Tue May 28 19:02:18 GMT 1996 CHIP CHIP Filemark

Tue May 28 19:04:35 GMT 1996 CHIP Flat
Tue May 28 19:10:01 GMT 1996 CHIP End Flat
Tue May 28 20:00:50 GMT 1996 dPMon Filemark
Tue May 28 20:00:55 GMT 1996 dPMon Flat
Tue May 28 20:01:20 GMT 1996 CHIP CHIP Filemark
Tue May 28 20:01:45 GMT 1996 dPMon End Flat
Tue May 28 20:01:37 GMT 1996 CHIP Flat
Tue May 28 20:06:21 GMT 1996 CHIP End Flat

MKIII COMMENT: Tue May 28 20:08:04 GMT 1996

The sky is very clean due to ESE wind.

COMMENT: Tue May 28 20:42:33 GMT 1996

Extended dome slot about 5 minutes ago.

Tue May 28 21:00:23 GMT 1996 CHIP CHIP Filemark
Tue May 28 21:00:36 GMT 1996 CHIP Flat
Tue May 28 21:00:58 GMT 1996 dPMon Filemark
Tue May 28 21:01:02 GMT 1996 dPMon Flat
Tue May 28 21:01:49 GMT 1996 dPMon End Flat
Tue May 28 21:05:41 GMT 1996 CHIP End Flat

COMMENT: Tue May 28 21:16:12 GMT 1996

Lost Spar Guiding in the opposite dec direction from this morning. Put back the weight I moved this morning and added another weight to the north face of the Spar.

COMMENT: Tue May 28 21:35:15 GMT 1996

Prominence at PA=120 is out to about RV=1.2 now, still no vdiff changes seen.

Tue May 28 22:00:54 GMT 1996 dPMon Filemark
Tue May 28 22:00:58 GMT 1996 dPMon Flat
Tue May 28 22:01:47 GMT 1996 dPMon End Flat
Tue May 28 22:02:18 GMT 1996 CHIP CHIP Filemark
Tue May 28 22:02:37 GMT 1996 CHIP Flat
Tue May 28 22:07:26 GMT 1996 CHIP End Flat
Tue May 28 22:12:51 GMT 1996 dPMon End Patrol
Tue May 28 22:13:38 GMT 1996 CHIP CHIP End Patrol
Tue May 28 22:20:36 GMT 1996 CHIP ending tape

COMMENT: Tue May 28 22:20:56 GMT 1996

Activity report:

QP: 50; 60; 221; 252; 290.

AP: 110-135, EPL from about 1820 on, out to RV=1.2, no coronal changes seen.

TAPES:

MKIII: H01302

DPMON: P00621

CHIP: C00036 and C00037

LOWL: L00395 in drive #0

SCAN-LOG

SCAN-LOG 16:49:18. 5/28/96 DOY 149

16:54:25	16:57:41	17:00:56	17:04:11	17:07:24
17:10:37	17:13:49	17:17:02	17:20:13	17:23:26

17:26:37	17:29:51	17:33:03	17:36:15	17:39:27
17:42:39	17:45:52	17:49:05	17:52:16	17:55:27
17:58:37	18:01:48	18:04:58	18:08:09	18:11:19
18:14:30	1828 0 CL	18:31:52	1837 15CL	18:42:28
18:48:02	18:51:13	18:54:31	18:57:43	19:01:00
19:04:10	19:07:21	19:10:31	19:13:42	19:16:52
19:20:04	19:23:14	19:26:26	19:29:36	19:32:47
19:35:57	19:39:09	19:42:18	19:45:30	19:48:40
19:51:55	19:55:07	19:58:18	20:01:29	20:04:40
20:07:53	20:11:11	20:14:22	20:17:34	20:20:44
20:23:56	20:27:07	20:30:19	20:33:29	20:36:41
20:39:52	20:43:04	20:46:14	20:49:32	20:52:45
20:55:59	20:59:11	21:02:28	21:05:38	21:08:50
21:12:01	21:15:13	21:18:24	21:21:37	21:24:48
21:28:00	21:31:11	21:34:24	21:37:36	21:40:51
21:44:02	21:47:15	21:50:26	21:53:38	21:56:49
22:00:01	22:03:12			

0 ERRORS

OK