

Mauna Loa Solar Observatory Observer's Log

Thu Apr 14 17:02:01 GMT 1994

Year: 94 Doy: 104

Observer: yasukawa

COMMENT: Thu Apr 14 17:06:03 GMT 1994

No clouds but hazy, no wind, 44.6 degrees F.

MKIII COMMENT: Thu Apr 14 17:07:39 GMT 1994

Will start mkiii with dark scan while starting up dpmon.

Thu Apr 14 17:09:08 GMT 1994: Patrol Start

DPMON COMMENT: Thu Apr 14 17:10:44 GMT 1994

Inserted tape had write protect tab enabled. Ejected it and disabled write protection after confirming that tape was not already used. Reloaded drive.

DPMON COMMENT: Thu Apr 14 17:14:15 GMT 1994

Occulting wheel not responding to commands. Checking things out.

ll

14 17:15:09 GMT 1994: Patrol End

DPMON COMMENT: Thu Apr 14 17:21:35 GMT 1994

End command not responding.

Tried reboot, still not getting "waiting". Trying Abort command.

Thu Apr 14 17:23:38 GMT 1994: Patrol Start

MKIII COMMENT: Thu Apr 14 17:24:00 GMT 1994

Opened shutter and started normal data acquisition.

Thu Apr 14 17:26:31 GMT 1994: Patrol End

DPMON COMMENT: Thu Apr 14 17:29:41 GMT 1994

Will try rebooting Sparcstation, commands not responding as they are supposed to. Before rebooting Sparc, will save logs and try a warm restart (exit, relogin, Run).

Thu Apr 14 17:34:09 GMT 1994: Filemark
Mauna Loa Solar Observatory Observer's Log

Thu Apr 14 17:44:35 GMT 1994
Year: 94 Doy: 104
Observer: yasukawa

COMMENT: Thu Apr 14 17:44:56 GMT 1994
Rebooted system. starting over. Will try to recover previous logs later.
Restarting tape P00039.

Thu Apr 14 17:49:53 GMT 1994: Patrol Start

COMMENT: Thu Apr 14 17:52:52 GMT 1994
Guider reset occurred. Repointed spar and restarted guider.

Thu Apr 14 17:55:02 GMT 1994: Patrol End
Thu Apr 14 18:02:38 GMT 1994: Patrol Start

DPMON COMMENT: Thu Apr 14 18:03:19 GMT 1994
Aperture wheel was not indexed at clear. Reset it manually.
Also changed occulting disk from #5 to #6 (smaller), i.e. from
1971 to 1961.

Thu Apr 14 19:00:23 GMT 1994: Filemark-Calibration
Thu Apr 14 20:00:15 GMT 1994: Filemark-Calibration

DPMON COMMENT: Thu Apr 14 20:09:57 GMT 1994
Stopping to open top of dome. Once open, I intend to look at Lyot stop
for any bright rings or spots as possible causes of ring problem.
MKIII will continue taking scans.

Thu Apr 14 20:46:06 GMT 1994: Patrol Start

DPMON COMMENT: Thu Apr 14 20:46:37 GMT 1994
Inspected occulted image at Lyot stop by placing white card in beam.
There seemed to be several small images of what looks to be an aperture
and the occulter with stem at edge of the nominal dark "cloud" occupying
most of the central area. In the center, there was a faint, but
larger version of the aperture/occulter image, more sharply defined,
about .3 inches in diameter. I replaced the reduced Lyot stop with the
old 36mm one. tapes a piece of 0.1 N.D. filter over it with a piece of
black tape .4 inches square in the center and took a look at the image
from the camera. Ring was still there. In inspecting the image with
the white card earlier, there was also a bright, thin ring around the
outside edge of the entire image. This ring is effectively masked by
the Lyot stop, even the 36 mm one.
Restored PMON to pre-test status. Restarted Patrol.

Thu Apr 14 21:02:15 GMT 1994: Filemark-Calibration

COMMENT: Thu Apr 14 21:10:36 GMT 1994
Guider declination reset itself. Repointed spar.

DPMON COMMENT: Thu Apr 14 21:43:59 GMT 1994
Clock drive geartrain clutch was rather loose. Tightened it up
a bit to see if the bench will track better.

Thu Apr 14 22:02:16 GMT 1994: Filemark-Calibration
Thu Apr 14 22:03:01 GMT 1994: Patrol End

COMMENT: Thu Apr 14 22:10:43 GMT 1994
Activity report:
QP: 55; 105; 292;
No corona activity

Tapes: MKIII: H00739
DPMON: P00039
LOW-L: L0024 in unit 0 running.

Thu Apr 14 22:12:52 GMT 1994: Filemark
SCAN-LOG

SCAN-LOG 17:02:24. 4/14/94 DOY 104

17:10:12	17:13:25	17:19:09	17:22:21	17:25:36
17:28:46	17:31:58	17:35:10	17:38:22	17:41:34
17:44:47	17:47:59	17:51:14	17:54:26	17:57:41
18:00:53	18:04:05	18:07:18	18:10:36	18:13:47
18:17:00	18:20:11	18:23:24	18:26:35	1830 0 CL
18:33:42	1838 15CL	18:46:21	18:49:32	18:52:44
18:55:54	18:59:06	19:02:17	19:05:28	19:08:39
19:11:52	19:15:04	19:18:22	19:21:32	19:24:52
19:28:04	19:31:19	19:34:30	19:37:45	19:40:56
19:44:07	19:47:19	19:50:31	19:53:42	19:56:53
20:00:02	20:03:13	20:06:23	20:09:34	20:12:43
20:15:54	20:19:04	20:22:14	20:25:24	20:28:35
20:31:45	20:34:56	20:38:06	20:41:18	20:44:28
20:47:41	20:50:51	20:54:03	20:57:14	21:00:27
21:03:40	21:06:51	21:10:02	21:13:14	21:16:25
21:19:41	21:22:52	21:26:03	21:29:13	21:32:25
21:35:35	21:38:47	21:41:57	21:45:08	21:48:19
21:51:32	21:54:44	21:57:55		

0 ERRORS

OK