
Mauna Loa Solar Observatory Observer's Log

Sun Jun 15 16:34:23 GMT 1997

Year: 97 Doy: 166

Observer: yasukawa

WEATHER COMMENT: Sun Jun 15 16:34:26 GMT 1997

Cool, clear, light southeast wind.

Sun Jun 15 16:39:46 GMT 1997	dPMon	Start Patrol
Sun Jun 15 16:40:07 GMT 1997	CHIP	CHIP Start Patrol
Sun Jun 15 17:01:01 GMT 1997	dPMon	Flat
Sun Jun 15 17:01:55 GMT 1997	dPMon	End Flat
Sun Jun 15 17:02:04 GMT 1997	CHIP	Bias
Sun Jun 15 17:02:52 GMT 1997	CHIP	End Bias
Sun Jun 15 17:03:01 GMT 1997	CHIP	Water
Sun Jun 15 17:03:34 GMT 1997	CHIP	End Water
Sun Jun 15 18:00:54 GMT 1997	dPMon	Flat
Sun Jun 15 18:01:02 GMT 1997	CHIP	Bias
Sun Jun 15 18:01:44 GMT 1997	CHIP	End Bias
Sun Jun 15 18:01:53 GMT 1997	dPMon	End Flat
Sun Jun 15 18:01:51 GMT 1997	CHIP	Water
Sun Jun 15 18:02:23 GMT 1997	CHIP	End Water
Sun Jun 15 19:00:55 GMT 1997	dPMon	Flat
Sun Jun 15 19:01:51 GMT 1997	dPMon	End Flat
Sun Jun 15 19:03:09 GMT 1997	CHIP	Bias
Sun Jun 15 19:03:58 GMT 1997	CHIP	End Bias
Sun Jun 15 19:04:05 GMT 1997	CHIP	Water
Sun Jun 15 19:04:40 GMT 1997	CHIP	End Water

COMMENT: Sun Jun 15 19:09:41 GMT 1997

Stopping to reconfigure dome shutter.

Sun Jun 15 19:10:46 GMT 1997	CHIP	CHIP End Patrol
Sun Jun 15 19:11:15 GMT 1997	dPMon	End Patrol
Sun Jun 15 19:15:40 GMT 1997	dPMon	Start Patrol
Sun Jun 15 19:15:52 GMT 1997	CHIP	CHIP Start Patrol

MKIII COMMENT: Sun Jun 15 19:40:13 GMT 1997

I think Darryl is on the right track, there is a strange reflection on the slots and this may be due to the poor occulting due to O1 guider misbehavior. Looking down the tube from the O1, I didn't see any spill caused by an edge being illuminated. I think I recall seeing this reflection before and I recall not being able to do much about it.

The image on the occulter, though does not look centered.

Sun Jun 15 20:00:55 GMT 1997	dPMon	Flat
Sun Jun 15 20:01:50 GMT 1997	dPMon	End Flat
Sun Jun 15 20:02:05 GMT 1997	CHIP	Gain
Sun Jun 15 20:06:31 GMT 1997	CHIP	End Gain
Sun Jun 15 20:06:38 GMT 1997	CHIP	Bias
Sun Jun 15 20:07:19 GMT 1997	CHIP	End Bias
Sun Jun 15 20:07:27 GMT 1997	CHIP	Water

Sun Jun 15 20:07:56 GMT 1997 CHIP End Water
Sun Jun 15 21:01:00 GMT 1997 dPMon Flat
Sun Jun 15 21:01:51 GMT 1997 dPMon End Flat
Sun Jun 15 21:03:03 GMT 1997 CHIP Bias
Sun Jun 15 21:03:49 GMT 1997 CHIP End Bias
Sun Jun 15 21:03:58 GMT 1997 CHIP Water
Sun Jun 15 21:04:35 GMT 1997 CHIP End Water

MKIII COMMENT: Sun Jun 15 21:43:30 GMT 1997

VDIFF after 2052 revealed image flop. Spar flexure may have shifted.
N/S stepper still at a limit, limit rod is pushed toward spar, I did not notice if it was being pushed the other way earlier. N/S image symmetry is much better now.

MKIII COMMENT: Sun Jun 15 21:51:14 GMT 1997

I had to touch up DPMON pointing in N/S direction although not by much and a lot later on. Problem may not be spar flexure related.

Sun Jun 15 22:00:56 GMT 1997 dPMon Flat
Sun Jun 15 22:01:48 GMT 1997 dPMon End Flat
Sun Jun 15 22:02:04 GMT 1997 CHIP Bias
Sun Jun 15 22:02:50 GMT 1997 CHIP End Bias
Sun Jun 15 22:02:59 GMT 1997 CHIP Water
Sun Jun 15 22:03:37 GMT 1997 CHIP End Water
Sun Jun 15 22:24:36 GMT 1997 CHIP CHIP End Patrol
Sun Jun 15 22:24:54 GMT 1997 dPMon End Patrol

MKIII COMMENT: Sun Jun 15 22:24:46 GMT 1997

Occulting has held in the better position since the image flop.

Sun Jun 15 22:25:42 GMT 1997 CHIP ending tape

COMMENT: Sun Jun 15 22:25:51 GMT 1997

Activity report:

QP: 68; 305;

No coronal activity

Tapes: MKIII: H01580

DPMON: P00911

CHIP: C00332

LOWL: L00460

SCAN-LOG

SCAN-LOG 16:43:38. 6/15/97 DOY 166

16:52:18	16:55:35	16:58:50	17:02:11	17:05:24
17:08:39	17:11:51	17:15:05	17:18:18	17:21:31
17:24:43	17:27:58	17:31:11	17:34:24	17:37:36
17:40:49	17:44:01	17:47:14	17:50:26	17:53:39
17:56:50	18:00:03	18:03:14	18:06:26	18:09:38
1816 0 CL	18:19:39	1824 15CL	18:28:08	18:32:01
18:35:14	18:38:30	18:41:41	18:44:53	18:48:03
18:51:15	18:54:27	18:57:39	19:00:49	19:04:01
19:07:12	19:16:35	19:19:45	19:22:58	19:26:08
19:29:25	19:32:35	19:35:46	19:38:56	19:42:08
19:45:18	19:48:30	19:51:41	19:54:52	19:58:02

20:01:14	20:04:26	20:07:37	20:10:47	20:13:58
20:17:09	20:20:20	20:23:31	20:26:43	20:29:54
20:33:06	20:36:16	20:39:32	20:42:43	20:45:54
20:49:05	20:52:17	20:55:28	20:58:40	21:01:50
21:05:05	21:08:17	21:11:32	21:14:42	21:17:55
21:21:05	21:24:21	21:27:31	21:30:43	21:33:53
21:37:05	21:40:15	21:43:28	21:46:38	21:49:54
21:53:05	21:56:17	21:59:28	22:02:44	22:05:55
22:09:07	22:12:17	22:15:29	22:18:40	22:21:52

0 ERRORS

OK