
Mauna Loa Solar Observatory Observer's Log

Tue Sep 9 16:46:37 GMT 1997

Year: 97 Doy: 252

Observer: koon

Tue Sep 9 16:46:40 GMT 1997 CHIP Startup--Initializing new tape

WEATHER COMMENT: Tue Sep 9 16:46:50 GMT 1997

Thin cirrostratus, wind=10 mph from the SE, temp=49 F.

Tue Sep 9 16:51:21 GMT 1997 CHIP CHIP Start Patrol

Tue Sep 9 16:51:28 GMT 1997 dPMon Start Patrol

MKIII COMMENT: Tue Sep 9 16:55:08 GMT 1997

Will wait for clouds to clear before taking data.

Tue Sep 9 17:00:59 GMT 1997 dPMon Flat

Tue Sep 9 17:01:04 GMT 1997 CHIP Bias

Tue Sep 9 17:01:47 GMT 1997 CHIP End Bias

Tue Sep 9 17:01:57 GMT 1997 dPMon End Flat

Tue Sep 9 17:01:55 GMT 1997 CHIP Water

Tue Sep 9 17:02:25 GMT 1997 CHIP End Water

MKIII COMMENT: Tue Sep 9 17:36:13 GMT 1997

Started observations because clouds part occasionally.

Tue Sep 9 18:00:57 GMT 1997 dPMon Flat

Tue Sep 9 18:01:53 GMT 1997 dPMon End Flat

Tue Sep 9 18:03:03 GMT 1997 CHIP Bias

Tue Sep 9 18:03:56 GMT 1997 CHIP End Bias

Tue Sep 9 18:04:05 GMT 1997 CHIP Water

Tue Sep 9 18:04:38 GMT 1997 CHIP End Water

Tue Sep 9 19:00:59 GMT 1997 dPMon Flat

Tue Sep 9 19:01:54 GMT 1997 dPMon End Flat

Tue Sep 9 19:02:12 GMT 1997 CHIP Bias

Tue Sep 9 19:03:10 GMT 1997 CHIP End Bias

Tue Sep 9 19:03:18 GMT 1997 CHIP Water

Tue Sep 9 19:03:50 GMT 1997 CHIP End Water

Tue Sep 9 20:01:01 GMT 1997 dPMon Flat

Tue Sep 9 20:01:04 GMT 1997 CHIP Gain

Tue Sep 9 20:01:57 GMT 1997 dPMon End Flat

Tue Sep 9 20:05:15 GMT 1997 CHIP End Gain

Tue Sep 9 20:05:25 GMT 1997 CHIP Bias

Tue Sep 9 20:06:06 GMT 1997 CHIP End Bias

Tue Sep 9 20:06:17 GMT 1997 CHIP Water

Tue Sep 9 20:06:45 GMT 1997 CHIP End Water

Tue Sep 9 20:21:51 GMT 1997 CHIP CHIP End Patrol

CHIP COMMENT: Tue Sep 9 20:20:20 GMT 1997

This is Elmore

CHIP stopped from normal sequency.

New special program to produce velocity images installed.

Four sections, helium/continuum

helium/far_red continuum

near_blue/near_red continuum (regular continuum)
far_blue/far_red continuum.

We shall see if it works.

Tue Sep 9 20:22:35 GMT 1997 CHIP Start Special.velocity

COMMENT: Tue Sep 9 20:24:03 GMT 1997

Extended the dome slot.

MKIII COMMENT: Tue Sep 9 20:24:23 GMT 1997

Just noticed a huge CME at PA=290-330 in the last vdiff, it happened
between 1920 and 1951 and may still be in progress.

Tue Sep 9 20:27:22 GMT 1997 CHIP End Special

Tue Sep 9 20:29:00 GMT 1997 CHIP Start Special.velocity

Tue Sep 9 20:30:52 GMT 1997 CHIP Start Special.velocity

Tue Sep 9 20:34:52 GMT 1997 dPMon Start Patrol

DPMON COMMENT: Tue Sep 9 20:34:50 GMT 1997

Stalled with Program: K-corona, did Kill/Run to fix.

MKIII COMMENT: Tue Sep 9 20:36:55 GMT 1997

CME is still visible in the latest vdiff, but not as spectacular as before.

Tue Sep 9 20:41:21 GMT 1997 CHIP End Special

Tue Sep 9 20:43:23 GMT 1997 CHIP Start Special.velocity

Tue Sep 9 21:02:00 GMT 1997 dPMon Flat

MKIII COMMENT: Tue Sep 9 21:02:13 GMT 1997

No sign of CME now, in latest vdiff.

Tue Sep 9 21:02:56 GMT 1997 dPMon End Flat

Tue Sep 9 21:29:21 GMT 1997 dPMon End Patrol

Tue Sep 9 21:29:53 GMT 1997 CHIP End Special

Tue Sep 9 21:31:43 GMT 1997 CHIP Start Special.velocity

Tue Sep 9 21:33:05 GMT 1997 dPMon Start Patrol

Tue Sep 9 21:35:10 GMT 1997 dPMon Start Patrol

Tue Sep 9 22:03:02 GMT 1997 dPMon Flat

Tue Sep 9 22:03:57 GMT 1997 dPMon End Flat

Tue Sep 9 23:02:55 GMT 1997 dPMon Flat

Tue Sep 9 23:03:19 GMT 1997 CHIP End Special

Tue Sep 9 23:03:52 GMT 1997 dPMon End Flat

Tue Sep 9 23:04:47 GMT 1997 CHIP ending tape

Tue Sep 9 23:06:14 GMT 1997 dPMon End Patrol

COMMENT: Tue Sep 9 23:06:32 GMT 1997

Activity report:

QP: 35-55; 220; 240; 300; 303.

Huge CME visible between 1920 and 2000 ut at PA=290-330.

TAPES:

MKIII: H01630

DPMON: P00981

CHIP: C00402

LOWL: L00472

SCAN-LOG

SCAN-LOG 17:11:10. 9/9/97 DOY 252

17:16:07	17:19:21	17:22:37	17:25:51	17:29:06
17:32:21	17:35:36	17:38:51	17:42:07	17:45:22
17:48:39	17:51:54	17:55:11	17:58:26	18:01:44
18:05:00	18:08:17	18:11:33	18:14:50	18:18:07
18:21:30	18:24:47	18:28:04	18:31:20	18:34:37
18:37:53	18:41:11	18:44:28	18:47:46	18:51:02
18:54:20	18:57:37	19:00:55	19:04:12	19:07:30
1914 0 CL	19:20:04	1924 15CL	19:30:15	19:34:32
19:37:50	19:41:12	19:44:27	19:47:44	19:51:00
19:54:18	19:57:33	20:00:50	20:04:05	20:07:21
20:10:37	20:13:53	20:17:10	20:20:29	20:23:43
20:27:00	20:30:15	20:33:35	20:36:50	20:40:07
20:43:23	20:46:40	20:49:55	20:53:17	20:56:33
20:59:49	21:03:04	21:06:20	21:09:35	21:12:55
21:16:10	21:19:25	21:22:40	21:25:55	21:29:11
21:32:28	21:35:42	21:38:58	21:42:12	21:45:28
21:48:43	21:51:58	21:55:15	21:58:37	22:01:51
22:05:07	22:08:21	22:11:37	22:14:52	22:18:12
22:21:27	22:24:43	22:27:57	22:31:13	22:34:29
22:37:46	22:41:01	22:44:17	22:47:31	22:50:47
22:54:02	22:57:18	23:00:32		

0 ERRORS

OK