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Mauna Loa Solar Observatory Observer's Log  
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Fri Jan 31 17:38:24 GMT 1997

Year: 97 Doy: 031

Observer: koon

WEATHER COMMENT: Fri Jan 31 17:38:28 GMT 1997

Clear sky, wind=5 mph from the SSE, temp=39 F.

Fri Jan 31 17:39:58 GMT 1997 CHIP Startup--Initializing new tape

Fri Jan 31 17:43:14 GMT 1997 dPMon Start Patrol

Fri Jan 31 17:43:14 GMT 1997 CHIP CHIP Start Patrol

Fri Jan 31 18:02:03 GMT 1997 dPMon Flat

DPMON COMMENT: Fri Jan 31 17:46:41 GMT 1997

Large prominence at PA=130, out to RV=1.25, visible in data from yesterday also.

Fri Jan 31 18:02:05 GMT 1997 CHIP Bias

CHIP COMMENT: Fri Jan 31 18:02:08 GMT 1997

Filter temperature seems stable this morning at 34.42

Fri Jan 31 18:02:53 GMT 1997 CHIP End Bias

Fri Jan 31 18:02:58 GMT 1997 dPMon End Flat

Fri Jan 31 18:03:00 GMT 1997 CHIP Water

Fri Jan 31 18:03:31 GMT 1997 CHIP End Water

Fri Jan 31 19:01:07 GMT 1997 CHIP Bias

Fri Jan 31 19:02:03 GMT 1997 dPMon Flat

Fri Jan 31 19:02:01 GMT 1997 CHIP End Bias

Fri Jan 31 19:02:09 GMT 1997 CHIP Water

Fri Jan 31 19:02:42 GMT 1997 CHIP End Water

Fri Jan 31 19:02:58 GMT 1997 dPMon End Flat

Fri Jan 31 20:02:02 GMT 1997 dPMon Flat

Fri Jan 31 20:02:57 GMT 1997 dPMon End Flat

Fri Jan 31 20:03:05 GMT 1997 CHIP Gain

Fri Jan 31 20:07:13 GMT 1997 CHIP End Gain

Fri Jan 31 20:07:22 GMT 1997 CHIP Bias

Fri Jan 31 20:08:03 GMT 1997 CHIP End Bias

Fri Jan 31 20:08:13 GMT 1997 CHIP Water

Fri Jan 31 20:08:42 GMT 1997 CHIP End Water

MKIII COMMENT: Fri Jan 31 20:17:46 GMT 1997

The active prominence at PA=130 continues to surge and twist and appears to be interacting with the prominence at PA=105, but I don't see any sign of a CME yet.

Fri Jan 31 21:01:54 GMT 1997 dPMon Flat

Fri Jan 31 21:02:48 GMT 1997 dPMon End Flat

Fri Jan 31 21:03:02 GMT 1997 CHIP Bias

Fri Jan 31 21:03:47 GMT 1997 CHIP End Bias

Fri Jan 31 21:03:58 GMT 1997 CHIP Water

Fri Jan 31 21:04:33 GMT 1997 CHIP End Water

MKIII COMMENT: Fri Jan 31 21:20:07 GMT 1997

A depletion is now visible at PA=130 where the active prominence is, corresponding to the shrinkage of the extent of the visible prominence material as seen by the dPMon.

Fri Jan 31 22:02:04 GMT 1997 dPMon Flat

Fri Jan 31 22:02:02 GMT 1997 CHIP Bias

Fri Jan 31 22:02:45 GMT 1997 CHIP End Bias

Fri Jan 31 22:02:53 GMT 1997 CHIP Water

Fri Jan 31 22:03:02 GMT 1997 dPMon End Flat

Fri Jan 31 22:03:24 GMT 1997 CHIP End Water

COMMENT: Fri Jan 31 22:04:41 GMT 1997

Did a noon time mark for Jim Mason on the scintillometer.

COMMENT: Fri Jan 31 22:05:13 GMT 1997

Sent out a "Possible CME" alert to cmelst earlier for the AP at PA=130.

COMMENT: Fri Jan 31 22:10:08 GMT 1997

Fri Jan 31 22:13:59 GMT 1997 dPMon End Patrol

Fri Jan 31 22:15:35 GMT 1997 CHIP CHIP End Patrol

Fri Jan 31 22:16:16 GMT 1997 CHIP ending tape

MKIII COMMENT: Fri Jan 31 22:10:26 GMT 1997

No further trace of depletion, stopping instruments to backup DD#2 and get down to office to mail stuff and check for Lowl power supply so that I can

get to an appointment afterward.  
COMMENT: Fri Jan 31 22:17:07 GMT 1997

Activity report:

QP: 63; 289.

AP: 105; 130.

EPL at PA=130 from about 1800 to 2100, RV> 1.3, activity involved AP at 105 also. Sent "Possible CME" alert via cmelst alias.

TAPES:

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MKIII: H01485

DPMON: P00813

CHIP: C00230

LOWL: L00438 in drive #0

SCAN-LOG

SCAN-LOG 17:43:53. 1/31/97 DOY 31

17:49:46	17:52:57	17:56:12	17:59:26	18:02:41
18:05:55	18:09:11	18:12:26	18:15:42	18:18:58
18:22:14	1829 0 CL	18:38:37	1843 15CL	19:01:00
19:09:43	19:12:57	19:16:12	19:19:27	19:22:41
19:25:54	19:29:09	19:32:21	19:35:35	19:38:47
19:42:06	19:45:19	19:48:33	19:51:45	19:54:59
19:58:13	20:01:33	20:04:46	20:07:59	20:11:11
20:14:25	20:17:37	20:20:50	20:24:04	20:27:23
20:30:35	20:33:48	20:37:00	20:40:13	20:43:25
20:46:38	20:49:49	20:53:02	20:56:14	20:59:27
21:02:39	21:05:58	21:09:09	21:12:21	21:15:32
21:18:46	21:22:00	21:25:18	21:28:29	21:31:41
21:34:52	21:38:04	21:41:15	21:44:27	21:47:38
21:50:50	21:54:01	21:57:14	22:00:27	22:03:39

0 ERRORS

OK