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Mauna Loa Solar Observatory Observer's Log  
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Tue Apr 22 17:25:08 GMT 1997

Year: 97 Doy: 112

Observer: koon

WEATHER COMMENT: Tue Apr 22 17:25:12 GMT 1997

Clear sky, no wind, temp=45 F.

COMMENT: Tue Apr 22 17:25:46 GMT 1997

I read the HELCO meters this morning.

Tue Apr 22 17:26:05 GMT 1997 CHIP Startup--Initializing new tape

Tue Apr 22 17:29:37 GMT 1997 dPMon Start Patrol

Tue Apr 22 17:29:41 GMT 1997 CHIP CHIP Start Patrol

Tue Apr 22 18:03:02 GMT 1997 dPMon Flat

Tue Apr 22 18:03:03 GMT 1997 CHIP Bias

Tue Apr 22 18:03:49 GMT 1997 CHIP End Bias

Tue Apr 22 18:03:57 GMT 1997 dPMon End Flat

Tue Apr 22 18:03:56 GMT 1997 CHIP Water

Tue Apr 22 18:04:29 GMT 1997 CHIP End Water

Tue Apr 22 19:02:12 GMT 1997 CHIP Bias

Tue Apr 22 19:02:56 GMT 1997 dPMon Flat

Tue Apr 22 19:03:01 GMT 1997 CHIP End Bias

Tue Apr 22 19:03:11 GMT 1997 CHIP Water

Tue Apr 22 19:03:46 GMT 1997 CHIP End Water

Tue Apr 22 19:03:51 GMT 1997 dPMon End Flat

Tue Apr 22 20:01:02 GMT 1997 CHIP Gain

Tue Apr 22 20:03:03 GMT 1997 dPMon Flat

Tue Apr 22 20:03:58 GMT 1997 dPMon End Flat

Tue Apr 22 20:05:13 GMT 1997 CHIP End Gain

Tue Apr 22 20:05:21 GMT 1997 CHIP Bias

Tue Apr 22 20:06:02 GMT 1997 CHIP End Bias

Tue Apr 22 20:06:13 GMT 1997 CHIP Water

Tue Apr 22 20:06:41 GMT 1997 CHIP End Water

COMMENT: Tue Apr 22 20:22:59 GMT 1997

Extended the dome slot.

WEATHER COMMENT: Tue Apr 22 20:40:24 GMT 1997

There has been a faint halo around the sun most of the day, probably due to high thin cirrostratus clouds and/or vog, the sky is continuing to get brighter.

Tue Apr 22 21:01:04 GMT 1997 CHIP Bias

Tue Apr 22 21:01:56 GMT 1997 CHIP End Bias

Tue Apr 22 21:02:06 GMT 1997 CHIP Water

Tue Apr 22 21:02:43 GMT 1997 CHIP End Water

Tue Apr 22 21:03:04 GMT 1997 dPMon Flat

Tue Apr 22 21:03:59 GMT 1997 dPMon End Flat

Tue Apr 22 21:12:46 GMT 1997 dPMon End Patrol

Tue Apr 22 21:43:12 GMT 1997 dPMon Start Patrol

DPMON COMMENT: Tue Apr 22 21:43:06 GMT 1997

Just finished working on the occulting wheel. I heard clanking noises coming from the occulting wheel compartment earlier that sounded like the counterbalance weight was loose. I paused Patrol and found that the weight was loose, so I used the 12 vdc power supply to turn the wheel so that I could access the weight through the top port, then removed the weight, applied Loctite to the screws and reassembled everything. Patrol is running again.

Tue Apr 22 22:01:58 GMT 1997 dPMon Flat  
Tue Apr 22 22:02:52 GMT 1997 dPMon End Flat  
Tue Apr 22 22:03:05 GMT 1997 CHIP Bias  
Tue Apr 22 22:03:57 GMT 1997 CHIP End Bias  
Tue Apr 22 22:04:06 GMT 1997 CHIP Water  
Tue Apr 22 22:04:41 GMT 1997 CHIP End Water  
Tue Apr 22 22:16:22 GMT 1997 CHIP CHIP End Patrol  
Tue Apr 22 22:19:00 GMT 1997 dPMon End Patrol  
Tue Apr 22 22:20:59 GMT 1997 CHIP ending tape

COMMENT: Tue Apr 22 22:21:19 GMT 1997

Activity report:

QP: 42-62; 76; 206; 238; 265; 287; 305.

No coronal activity.

TAPES:

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MKIII: H01541

DPMON: P00869

CHIP: C00287

LOWL: L00451 in drive #0

SCAN-LOG

SCAN-LOG 17:30:09. 4/22/97 DOY 112

17:35:31	17:38:44	17:41:59	17:45:14	17:48:29
17:51:44	17:55:00	17:58:15	18:01:31	18:04:46
18:08:03	18:11:19	1815 0 CL	18:29:30	1843 15CL
18:47:11	18:54:46	18:58:04	19:01:22	19:04:38
19:07:55	19:11:12	19:14:31	19:17:48	19:21:05
19:24:22	19:27:40	19:30:56	19:34:18	19:37:36
19:40:53	19:44:09	19:47:25	19:50:41	19:53:58
19:57:13	20:00:29	20:03:44	20:07:00	20:10:15
20:13:32	20:16:47	20:20:02	20:23:17	20:26:33
20:29:47	20:33:02	20:36:15	20:39:30	20:42:44
20:45:59	20:49:12	20:52:27	20:55:42	20:59:01
21:02:14	21:05:30	21:08:44	21:11:58	21:15:12
21:18:26	21:21:40	21:24:54	21:28:07	21:31:22
21:34:35	21:37:50	21:41:03	21:44:18	21:47:31
21:50:46	21:53:59	21:57:19	22:00:32	22:03:46
22:06:59	22:10:13	22:13:26	22:16:41	22:19:54

0 ERRORS

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