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Mauna Loa Solar Observatory Observer's Log  
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Fri Oct 4 16:48:37 GMT 1996

Year: 96 Doy: 278

Observer: koon

WEATHER COMMENT: Fri Oct 4 16:48:41 GMT 1996

Clear sky, wind=5 mph from the SSE, temp=48 F

Fri Oct 4 16:49:18 GMT 1996 CHIP Startup--Initializing new tape

Fri Oct 4 16:52:44 GMT 1996 dPMon Start Patrol

Fri Oct 4 16:52:55 GMT 1996 CHIP CHIP Start Patrol

CHIP COMMENT: Fri Oct 4 17:01:11 GMT 1996

Ol was pointed off, repointed manually.

Fri Oct 4 17:01:59 GMT 1996 dPMon Flat

Fri Oct 4 17:02:51 GMT 1996 dPMon End Flat

Fri Oct 4 17:05:02 GMT 1996 CHIP Bias

MKIII COMMENT: Fri Oct 4 17:02:45 GMT 1996

The Ready light on disk drive #1 won't come on. The Load light comes on as usual but when I press that in to spin up the disk eventually that Load light comes back on instead of the Ready light. I don't think we are using that disk right now since it is full, so I'll try to run the observation program as usual.

Fri Oct 4 17:06:04 GMT 1996 CHIP End Bias

Fri Oct 4 17:06:13 GMT 1996 CHIP Water

Fri Oct 4 17:06:46 GMT 1996 CHIP End Water

CHIP COMMENT: Fri Oct 4 17:17:05 GMT 1996

Ol pointed off, repointing.

CHIP COMMENT: Fri Oct 4 17:22:53 GMT 1996

Disabling FixCenter with Manual command for a while.

Fri Oct 4 18:01:56 GMT 1996 dPMon Flat

Fri Oct 4 18:02:51 GMT 1996 dPMon End Flat

Fri Oct 4 18:03:46 GMT 1996 CHIP Bias

Fri Oct 4 18:05:00 GMT 1996 CHIP End Bias

Fri Oct 4 18:05:08 GMT 1996 CHIP Water

Fri Oct 4 18:05:48 GMT 1996 CHIP End Water

CHIP COMMENT: Fri Oct 4 18:19:29 GMT 1996

Switched back to Auto on FixCenter, will record good and runaway FixCenters and send to David.

CHIP COMMENT: Fri Oct 4 18:58:56 GMT 1996

FixCenter runaway, recording info and repointing.

Fri Oct 4 19:02:00 GMT 1996 dPMon Flat

Fri Oct 4 19:02:52 GMT 1996 dPMon End Flat

Fri Oct 4 19:07:48 GMT 1996 CHIP Bias

Fri Oct 4 19:08:56 GMT 1996 CHIP End Bias

Fri Oct 4 19:09:05 GMT 1996 CHIP Water

Fri Oct 4 19:09:38 GMT 1996 CHIP End Water

MKIII COMMENT: Fri Oct 4 19:29:49 GMT 1996

Loop turning into EPL at PA=225, out to RV=1.15 now.

CHIP COMMENT: Fri Oct 4 19:31:21 GMT 1996

FixCenter runaway, didn't catch numbers, will repoint, let FixCenter find the best pointing, then use the Manual command for a while.

Fri Oct 4 20:02:04 GMT 1996 dPMon Flat

Fri Oct 4 20:02:40 GMT 1996 CHIP Gain

Fri Oct 4 20:03:00 GMT 1996 dPMon End Flat

Fri Oct 4 20:24:07 GMT 1996 CHIP End Gain

Fri Oct 4 20:24:18 GMT 1996 CHIP Bias

CHIP COMMENT: Fri Oct 4 20:24:15 GMT 1996

Had an optics:Busy stall during cal, used Fixbusy.

Fri Oct 4 20:25:07 GMT 1996 CHIP End Bias

Fri Oct 4 20:25:16 GMT 1996 CHIP Water

Fri Oct 4 20:25:44 GMT 1996 CHIP End Water

Fri Oct 4 21:01:54 GMT 1996 dPMon Flat

Fri Oct 4 21:02:45 GMT 1996 dPMon End Flat

MKIII COMMENT: Fri Oct 4 21:03:31 GMT 1996

EPL mass can be seen falling back down to the other foot of the arch at PA=200, RV=1.10 now.

Fri Oct 4 21:09:24 GMT 1996 CHIP Bias

Fri Oct 4 21:10:29 GMT 1996 CHIP End Bias

Fri Oct 4 21:10:38 GMT 1996 CHIP Water

Fri Oct 4 21:11:08 GMT 1996 CHIP End Water

COMMENT: Fri Oct 4 21:28:06 GMT 1996

Extended the dome slot. I wanted to see if the CHIP got affected first by dome vignetting, it did, but soon we won't have to extend the dome for several months due to lowering sun declination.

CHIP COMMENT: Fri Oct 4 21:48:13 GMT 1996

Setting FixCenter back to Auto to try to record some runaway readings.

Fri Oct 4 22:01:57 GMT 1996 dPMon Flat

Fri Oct 4 22:02:49 GMT 1996 dPMon End Flat

Fri Oct 4 22:10:27 GMT 1996 CHIP Bias

Fri Oct 4 22:11:38 GMT 1996 CHIP End Bias

Fri Oct 4 22:11:48 GMT 1996 CHIP Water

Fri Oct 4 22:12:25 GMT 1996 CHIP End Water

COMMENT: Fri Oct 4 22:55:32 GMT 1996

Spar lost guiding, repointed it.

CHIP COMMENT: Fri Oct 4 22:55:52 GMT 1996

Thought I had a FixCenter runaway, but the Spar probably lost guiding first.

Fri Oct 4 23:01:59 GMT 1996 dPMon Flat

Fri Oct 4 23:02:51 GMT 1996 dPMon End Flat

Fri Oct 4 23:08:05 GMT 1996 dPMon End Patrol

Fri Oct 4 23:09:32 GMT 1996 CHIP Bias

Fri Oct 4 23:10:41 GMT 1996 CHIP End Bias

Fri Oct 4 23:10:47 GMT 1996 CHIP Water

Fri Oct 4 23:11:24 GMT 1996 CHIP End Water

CHIP COMMENT: Fri Oct 4 23:21:22 GMT 1996

Tried to End the observing during the hourly cal, but the program kept running till now. Used Kill/Run to restart so I can end gracefully.

Fri Oct 4 23:22:46 GMT 1996 CHIP ending tape

COMMENT: Fri Oct 4 23:22:53 GMT 1996

Activity report:

QP: 45; 65; 110; 260; 305; 318.

EPL: PA=205 to 250, RV=1.15 max., from around 1915 on through day.

TAPES:

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MKIII: H01404

DPMON: P00728

CHIP: C00145

LOWL: L00419 in drive #1

SCAN-LOG

SCAN-LOG 16:58:37. 10/4/96 DOY 278

17:08:35	17:11:52	17:15:05	17:18:20	17:21:33
17:24:47	17:27:59	17:31:13	17:34:26	17:37:40
17:40:52	17:44:06	17:47:19	17:50:34	17:53:48
17:57:02	18:00:14	18:03:27	18:06:39	1810 0 CL
18:52:22	1858 15CL	19:11:55	19:20:01	19:23:14
19:26:28	19:29:43	19:33:02	19:36:14	19:39:27
19:42:40	19:45:59	19:49:11	19:52:24	19:55:35
19:58:47	20:01:58	20:05:11	20:08:22	20:11:34
20:14:44	20:17:56	20:21:07	20:24:25	20:27:36
20:30:48	20:33:59	20:37:11	20:40:24	20:43:36
20:46:47	20:49:59	20:53:10	20:56:22	20:59:32
21:02:45	21:05:56	21:09:09	21:12:20	21:15:32
21:18:43	21:21:56	21:25:07	21:28:20	21:31:31
21:34:43	21:37:55	21:41:07	21:44:18	21:47:31
21:50:42	21:53:54	21:57:05	22:00:18	22:03:29
22:06:41	22:09:53	22:13:05	22:16:19	22:19:37
22:22:49	22:26:01	22:29:15	22:32:32	22:35:43
22:38:56	22:42:08	22:45:20	22:48:32	22:51:45
22:54:56	22:58:10	23:01:21	23:04:35	23:07:47

0 ERRORS

OK