
Mauna Loa Solar Observatory Observer's Log

Fri Aug 9 16:56:01 GMT 1996

Year: 96 Doy: 222

Observer: koon

WEATHER COMMENT: Fri Aug 9 16:56:05 GMT 1996

Medium to thick cirrostratus overcast to the East, thinner to the West,
wind=20 mph from the South, temp=47 F.

Fri Aug 9 16:57:16 GMT 1996 CHIP Startup--Initializing new tape

Fri Aug 9 17:00:52 GMT 1996 dPMon Start Patrol

Fri Aug 9 17:01:07 GMT 1996 CHIP CHIP Start Patrol

CHIP COMMENT: Fri Aug 9 17:07:28 GMT 1996

The cirrostratus is not thick enough to prevent Spar tracking but is thick
enough to prevent obtaining usable dPMon and MKIII data, there is CHIP
data but is it good enough to justify saving data when the weather is
like this ??

WEATHER COMMENT: Fri Aug 9 17:20:21 GMT 1996

Just starting to be able to see prominence detail on dPMon images.

WEATHER COMMENT: Fri Aug 9 17:24:34 GMT 1996

Clouds have passed except possibly for some very thin cirrus.

DPMON COMMENT: Fri Aug 9 17:28:37 GMT 1996

WEATHER COMMENT: Fri Aug 9 17:28:44 GMT 1996

Another wave of medium to thick cirrostratus is passing over.

WEATHER COMMENT: Fri Aug 9 17:41:09 GMT 1996

Spar having trouble tracking, sky transmission =700, CHIP image blotchy but
still centered.

Fri Aug 9 18:01:00 GMT 1996 dPMon Flat

Fri Aug 9 18:01:56 GMT 1996 dPMon End Flat

Fri Aug 9 18:05:58 GMT 1996 CHIP Bias

Fri Aug 9 18:07:12 GMT 1996 CHIP End Bias

Fri Aug 9 18:07:22 GMT 1996 CHIP Water

Fri Aug 9 18:07:59 GMT 1996 CHIP End Water

CHIP COMMENT: Fri Aug 9 18:15:09 GMT 1996

Image was off in x direction, repointed manually. But didn't get it pointed
fast enough, it stalled with Program:Fixcenter and Optics:Busy. Did a
Kill/Run to fix it.

Fri Aug 9 18:29:16 GMT 1996 CHIP CHIP Start Patrol

Fri Aug 9 19:00:50 GMT 1996 dPMon Flat

Fri Aug 9 19:01:42 GMT 1996 dPMon End Flat

WEATHER COMMENT: Fri Aug 9 19:03:23 GMT 1996

Cirrostratus is changing from Thick to medium, CHIP image is hazy but
evenly illuminated, dPMon limb images are still not showing prominences.

Fri Aug 9 19:05:05 GMT 1996 CHIP Bias

Fri Aug 9 19:06:18 GMT 1996 CHIP End Bias

Fri Aug 9 19:06:25 GMT 1996 CHIP Water

Fri Aug 9 19:06:59 GMT 1996 CHIP End Water

WEATHER COMMENT: Fri Aug 9 19:26:17 GMT 1996

Medium cirrostratus, guiding unsteady, sky trans=1100, dPMon limb images totally washed out, CHIP image illumination blotchy with all limb features washed out.

WEATHER COMMENT: Fri Aug 9 19:58:22 GMT 1996

Thick cirrostratus, even CHIP image looks terrible.

Fri Aug 9 20:00:59 GMT 1996	dPMon	Flat
Fri Aug 9 20:01:54 GMT 1996	dPMon	End Flat
Fri Aug 9 20:03:55 GMT 1996	CHIP	Gain
Fri Aug 9 20:08:26 GMT 1996	CHIP	End Gain
Fri Aug 9 20:08:36 GMT 1996	CHIP	Bias
Fri Aug 9 20:09:17 GMT 1996	CHIP	End Bias
Fri Aug 9 20:09:26 GMT 1996	CHIP	Water
Fri Aug 9 20:09:52 GMT 1996	CHIP	End Water

COMMENT: Fri Aug 9 20:42:27 GMT 1996

Extended dome slot.

WEATHER COMMENT: Fri Aug 9 20:42:36 GMT 1996

Cirrostratus down to light to medium thickness, CHIP image blotchy, dPMon limb image washed out.

Fri Aug 9 21:00:53 GMT 1996	dPMon	Flat
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WEATHER COMMENT: Fri Aug 9 21:01:00 GMT 1996

Cirrostratus has totally cleared for the time being, all images look decent.

Fri Aug 9 21:03:20 GMT 1996	CHIP	Bias
Fri Aug 9 21:04:27 GMT 1996	CHIP	End Bias
Fri Aug 9 21:04:38 GMT 1996	CHIP	Water
Fri Aug 9 21:05:18 GMT 1996	CHIP	End Water

CHIP COMMENT: Fri Aug 9 21:39:26 GMT 1996

Stalled with Program:Fixcenter, Optics:Busy. Restarted with Kill/Run.

Fri Aug 9 21:42:01 GMT 1996	CHIP	CHIP Start Patrol
Fri Aug 9 22:00:55 GMT 1996	dPMon	Flat
Fri Aug 9 22:01:48 GMT 1996	dPMon	End Flat

WEATHER COMMENT: Fri Aug 9 22:13:28 GMT 1996

Sky is still clear, there may be some very thin cirrus though.

Fri Aug 9 22:25:32 GMT 1996	dPMon	End Patrol
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CHIP COMMENT: Fri Aug 9 22:25:51 GMT 1996

Stalled again on Program:Fixcenter and Optics:Busy, will do Kill/Run to restart to the point where I can end observations for today.

Fri Aug 9 22:27:11 GMT 1996	CHIP	Bias
Fri Aug 9 22:55:28 GMT 1996	CHIP	ending tape

COMMENT: Fri Aug 9 22:55:48 GMT 1996

Activity report:

QP: 103; 124; 260-270; 308; 312-322.

No coronal activity.

TAPES:

MKIII: H01358

DPMON: P00679

CHIP: C00096

LOWL: L00407 in drive #1

SCAN-LOG

SCAN-LOG 17:01:20. 8/9/96 DOY 222

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

0 ERRORS

OK