
Mauna Loa Solar Observatory Observer's Log

Thu Jul 25 16:25:58 GMT 1996

Year: 96 Doy: 207

Observer: yasukawa

WEATHER COMMENT: Thu Jul 25 16:26:09 GMT 1996

Cool, continued heavy cirrus and altostratus overcast,
light southeast breeze.

Thu Jul 25 16:26:54 GMT 1996 CHIP Startup--Initializing new tape

COMMENT: Thu Jul 25 16:36:21 GMT 1996

Corrected nene time -1 sec and kii time +2 sec.

COMMENT: Thu Jul 25 16:36:57 GMT 1996

Shadows very subdued, guiding may be marginal.

Thu Jul 25 16:37:50 GMT 1996 dPMon Start Patrol

Thu Jul 25 16:38:24 GMT 1996 CHIP CHIP Start Patrol

CHIP COMMENT: Thu Jul 25 16:42:57 GMT 1996

m1 ran to limit. I think the program cannot find the limb due to
all of the thick clouds.

CHIP COMMENT: Thu Jul 25 16:45:44 GMT 1996

Now m2 is running itself to a limit.

Thu Jul 25 17:01:51 GMT 1996 dPMon Flat

Thu Jul 25 17:02:31 GMT 1996 dPMon End Flat

Thu Jul 25 17:03:42 GMT 1996 CHIP Bias

Thu Jul 25 17:04:58 GMT 1996 CHIP End Bias

Thu Jul 25 17:05:08 GMT 1996 CHIP Water

Thu Jul 25 17:05:49 GMT 1996 CHIP End Water

CHIP COMMENT: Thu Jul 25 17:54:44 GMT 1996

I have been centering CHIP manually often up til now.

I think the cirrus is finally thin enough for the CHIP to find
the limb and stay centered.

Thu Jul 25 18:01:45 GMT 1996 dPMon Flat

DPMON COMMENT: Thu Jul 25 18:02:12 GMT 1996

Occulter wheel out of phase with program. First camera images
after limb > disc > limb > k-corona change catches wheel
still in transition. Stopping and restarting Patrol to see
if that helps.

Thu Jul 25 18:04:08 GMT 1996 CHIP End Bias

Thu Jul 25 18:04:18 GMT 1996 CHIP Water

Thu Jul 25 18:04:54 GMT 1996 dPMon End Patrol

Thu Jul 25 18:05:01 GMT 1996 CHIP End Water

Thu Jul 25 18:05:18 GMT 1996 dPMon Start Patrol

COMMENT: Thu Jul 25 18:35:59 GMT 1996

Went down to assist Alan Parrish move some heavy equipment.

Performed GONG maintenance while down the hill.

CHIP O1 ran away again in heavy clouds.

COMMENT: Thu Jul 25 18:43:32 GMT 1996

Reconfigured dome shutter during heavy clouds.

CHIP COMMENT: Thu Jul 25 18:56:35 GMT 1996

Developed a attention and labor intensive technique to use during heavy clouds. Watch the mic controller like a hawk. As soon as tape writes occur, the M1 will begin running away in the negative direction.

Quickly press rem/local then M2. This stops the M1 movement.

If this is done quickly, you won't have to jog the M1 so far and use too much time doing it. Next press M1 and jog it back into position. Then press rem/loc again to switch back to remote.

Normally, one would not be observing at all in clouds this thick.

Thu Jul 25 19:03:04 GMT 1996	dPMon	Flat
Thu Jul 25 19:03:58 GMT 1996	dPMon	End Flat
Thu Jul 25 19:05:33 GMT 1996	CHIP	Bias
Thu Jul 25 19:06:41 GMT 1996	CHIP	End Bias
Thu Jul 25 19:06:53 GMT 1996	CHIP	Water
Thu Jul 25 19:07:30 GMT 1996	CHIP	End Water
Thu Jul 25 19:07:35 GMT 1996	CHIP	CHIP End Patrol
Thu Jul 25 19:08:21 GMT 1996	CHIP	Start Special
Thu Jul 25 19:16:38 GMT 1996	CHIP	Start Special
Thu Jul 25 19:21:46 GMT 1996	CHIP	Start Special
Thu Jul 25 20:02:59 GMT 1996	dPMon	Flat
Thu Jul 25 20:03:54 GMT 1996	dPMon	End Flat
Thu Jul 25 21:00:02 GMT 1996	dPMon	Flat
Thu Jul 25 21:00:54 GMT 1996	dPMon	End Flat
Thu Jul 25 22:00:02 GMT 1996	dPMon	Flat
Thu Jul 25 22:00:54 GMT 1996	dPMon	End Flat

WEATHER COMMENT: Thu Jul 25 22:07:47 GMT 1996

Cirrus still present but thinning out in places.

COMMENT: Thu Jul 25 22:13:51 GMT 1996

Guider declination reset itself. Repointed and reset guider.

Moved dome shutter to favor DPMON as sun crosses its zenith.

Thu Jul 25 23:02:52 GMT 1996	dPMon	Flat
Thu Jul 25 23:03:46 GMT 1996	dPMon	End Flat

WEATHER COMMENT: Thu Jul 25 23:07:41 GMT 1996

Cirrus in this hole is probably as thin as it'll get today.

MKIII COMMENT: Thu Jul 25 23:29:48 GMT 1996

Shutting down MKIII. Sky will not clear by 2400 UT.

No coronal data all day, only cloud obs. Recycling data tape H01345.

Fri Jul 26 00:00:13 GMT 1996	dPMon	End Patrol
Fri Jul 26 00:00:43 GMT 1996	CHIP	End Special
Fri Jul 26 00:01:29 GMT 1996	CHIP	ending tape

CHIP COMMENT: Fri Jul 26 00:01:38 GMT 1996

Special ended gracefully today. =-)

COMMENT: Fri Jul 26 00:02:37 GMT 1996

Activity report:

QP: 115; 132; 225; 235; 240;

No coronal data.

Tapes: MKIII: RECYCLED

DPMON: P00665
CHIP: C00082
LOWL: L00405