
Mauna Loa Solar Observatory Observer's Log

Mon Oct 13 16:36:07 GMT 2003

Year: 03 Doy: 286

Observer: yasukawa

WEATHER COMMENT: Mon Oct 13 16:36:43 GMT 2003

Cool, moderately thick cirrostratus extensive today, south wind.

Mon Oct 13 16:43:48 GMT 2003 CHIP Start Patrol

Mon Oct 13 16:43:58 GMT 2003 PICS Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Mon Oct 13 17:02:00 GMT 2003

Mon Oct 13 18:01:47 GMT 2003 CHIP LSD

Mon Oct 13 18:02:12 GMT 2003 PICS Flat

Mon Oct 13 18:03:31 GMT 2003 CHIP End LSD

Mon Oct 13 18:03:38 GMT 2003 CHIP BiasLSD

Mon Oct 13 18:04:28 GMT 2003 CHIP End BiasLSD

Mon Oct 13 18:04:32 GMT 2003 PICS End Flat

Mon Oct 13 18:04:35 GMT 2003 CHIP Bias

Mon Oct 13 18:05:26 GMT 2003 CHIP End Bias

PICS PROBLEM: Mon Oct 13 18:35:45 GMT 2003

Lazy ADR (maybe due to cloud thickness) did not move dome, PICS got shaded by the slot edge.

WEATHER COMMENT: Mon Oct 13 18:54:35 GMT 2003

Clear hole approaching.

MKIV COMMENT: Mon Oct 13 18:54:52 GMT 2003

Centering O1 in relatively thin, even cirrostratus.

Mon Oct 13 18:55:28 GMT 2003 MKIV Start Patrol

MKIV COMMENT: Mon Oct 13 19:01:30 GMT 2003

Clear, centered O1 again.

Mon Oct 13 19:01:46 GMT 2003 MKIV End Patrol

Mon Oct 13 19:01:56 GMT 2003 MKIV Start Cal

WEATHER COMMENT: Mon Oct 13 19:11:37 GMT 2003

High clouds are really breaking up. Cirrus now scattered.

Mon Oct 13 19:21:31 GMT 2003 MKIV Start Patrol

GONG COMMENT: Mon Oct 13 19:21:46 GMT 2003

Going down to GONG to do weekly PM.

GONG COMMENT: Mon Oct 13 19:42:37 GMT 2003

Back from GONG.

MKIV COMMENT: Mon Oct 13 20:05:41 GMT 2003

Centered O1.

PICS PROBLEM: Mon Oct 13 20:19:02 GMT 2003

PICS domed out again, adjusted dome azimuth.

WEATHER COMMENT: Mon Oct 13 20:31:52 GMT 2003

In altocumulus patch.

PICS PROBLEM: Mon Oct 13 22:00:05 GMT 2003

Got domed out again. Adjusted azimuth.

CHIP PROBLEM: Mon Oct 13 22:00:28 GMT 2003

CHIP just slightly domed out today. Causing some vignetting.

CHIP was more heavily vignettted earlier due to the dome azimuth error.

WEATHER COMMENT: Mon Oct 13 22:01:55 GMT 2003

Alto cumulus clouds breaking up.

COMMENT: Mon Oct 13 22:13:27 GMT 2003

not quite time to stop reconfiguring dome shutter yet. If zenith is at approximately 2200 UT, CHIP, guider and sky tx is partially shaded for around 30 minutes on each side of noon.

COMMENT: Mon Oct 13 22:21:29 GMT 2003

Guiding error being introduced by asymmetrical illumination on guider telescope.

MLSO PROBLEM : Mon Oct 13 22:23:23 GMT 2003

Pardon the guiding problems and vignetting. I am just experimenting to determine how close we are to avoiding the dome all together.

WEATHER COMMENT: Mon Oct 13 22:37:46 GMT 2003

In scattered orographic clouds.

MLSO PROBLEM : Mon Oct 13 22:38:12 GMT 2003

Guider still shaded by dome flap. Telescopes are clear of dome flap.

Mon Oct 13 23:05:50 GMT 2003 CHIP End Patrol

COMMENT: Mon Oct 13 23:04:20 GMT 2003

Guider is clear of dome flap, sky tx is still partially shaded.

Telescopes are all unshaded. Looks like we will have to reconfigure the dome for another week or two.

WEATHER COMMENT: Mon Oct 13 23:09:07 GMT 2003

In orographic clouds.

Mon Oct 13 23:09:04 GMT 2003 CHIP Start Patrol

CHIP COMMENT: Mon Oct 13 23:09:19 GMT 2003

Adjusted centering with micrometer controller. Centering went off due to the misguiding while testing the declination height/dome flap relationship.

COMMENT: Mon Oct 13 23:13:29 GMT 2003

Sky transmission telescope now back in "full sun".

WEATHER COMMENT: Mon Oct 13 23:53:18 GMT 2003

In heavy orographic cloud bank.

WEATHER COMMENT: Tue Oct 14 00:10:05 GMT 2003

Cloud bank receded.

MKIV COMMENT: Tue Oct 14 00:51:25 GMT 2003

Centered O1.

WEATHER COMMENT: Tue Oct 14 01:19:50 GMT 2003

In altocumulus patch again.

Tue Oct 14 02:31:11 GMT 2003 CHIP End Patrol

WEATHER COMMENT: Tue Oct 14 02:32:10 GMT 2003

In fog.

Tue Oct 14 02:35:47 GMT 2003 PICS End Patrol

Tue Oct 14 02:37:31 GMT 2003 MKIV End Patrol

Tue Oct 14 02:39:45 GMT 2003

MkIV

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