
Mauna Loa Solar Observatory Observer's Log

Thu Sep 2 16:56:07 GMT 1999

Year: 99 Doy: 245

Observer: koon

WEATHER COMMENT: Thu Sep 2 16:56:08 GMT 1999

Clear sky, wind=5 mph from the West, temp=43 F.

ializing new tape

Thu Sep 2 16:59:18 GMT 1999 CHIP CHIP Start Patrol

Thu Sep 2 16:59:32 GMT 1999 MKIV Start Patrol

Thu Sep 2 16:59:29 GMT 1999 PICS Start Patrol

Thu Sep 2 17:03:02 GMT 1999 CHIP Bias

Thu Sep 2 17:03:54 GMT 1999 CHIP End Bias

Thu Sep 2 17:04:05 GMT 1999 CHIP Water

Thu Sep 2 17:04:41 GMT 1999 CHIP End Water

PICS COMMENT: Thu Sep 2 17:29:55 GMT 1999

Stopping Patrol to run a Focus test over the ideal range of from 8525 to 10525 microns, best position currently believed to be about 9525, the collimating lens is still at -6900. All these positions are in relative coordinates since it appears that the mike controller can't readout in absolute coordinates for some reason.

PICS COMMENT: Thu Sep 2 17:39:12 GMT 1999

Starting Patrol again temporarily while I center the occulter better.

COMMENT: Thu Sep 2 17:41:25 GMT 1999

Lost tracking, repointed the Spar.

Thu Sep 2 17:44:36 GMT 1999 PICS End Patrol

Thu Sep 2 18:01:50 GMT 1999 CHIP Bias

Thu Sep 2 18:02:47 GMT 1999 CHIP End Bias

Thu Sep 2 18:03:01 GMT 1999 CHIP Water

Thu Sep 2 18:03:42 GMT 1999 CHIP End Water

Thu Sep 2 18:08:15 GMT 1999 PICS Start Focus

Thu Sep 2 18:23:09 GMT 1999 MKIV Start Cal

Thu Sep 2 18:44:51 GMT 1999 MKIV End Cal

Thu Sep 2 18:45:21 GMT 1999 MKIV Start Patrol

Thu Sep 2 19:01:55 GMT 1999 CHIP Bias

Thu Sep 2 19:02:49 GMT 1999 CHIP End Bias

Thu Sep 2 19:03:04 GMT 1999 CHIP Water

Thu Sep 2 19:03:47 GMT 1999 CHIP End Water

PICS COMMENT: Thu Sep 2 19:06:27 GMT 1999

I finished the Focus test and reset the camera focus micrometer to 9522.7 microns. Before I startup Patrol I want to improve the setscrew securing of the PICS filter wheel, while the instrument is open.

PICS COMMENT: Thu Sep 2 19:57:43 GMT 1999

Finished putting Loctite on all 3 associated filter wheel setscrews. Moved camera mike position to 9422.5 microns which is ideal position according to David's analysis of the images I took earlier. Will now close up the instrument and restart Patrol.

Thu Sep 2 20:01:48 GMT 1999 CHIP Gain

Thu Sep 2 20:06:32 GMT 1999 CHIP End Gain

Thu Sep 2 20:06:42 GMT 1999 CHIP Bias

Thu Sep 2 20:07:33 GMT 1999 CHIP End Bias

Thu Sep 2 20:07:43 GMT 1999 CHIP Water

Thu Sep 2 20:08:18 GMT 1999 CHIP End Water

Thu Sep 2 20:12:19 GMT 1999 PICS Start Patrol

Thu Sep 2 21:02:48 GMT 1999 CHIP Bias

Thu Sep 2 21:03:43 GMT 1999 CHIP End Bias

Thu Sep 2 21:03:57 GMT 1999 CHIP Water

Thu Sep 2 21:04:38 GMT 1999 CHIP End Water

WEATHER COMMENT: Thu Sep 2 21:11:23 GMT 1999

Orographic clouds are passing over.

PSPT PROBLEM : Thu Sep 2 21:26:45 GMT 1999

Clouds came in after last sequence. I tried aborting from normal menu (press a) and tried Obs, it still doesn't work, it tries to lock onto the sun and probably would start observing but it can't see the sun through the clouds. So I'm stuck again, I can't close down correctly until the sun comes out.

Thu Sep 2 21:46:01 GMT 1999 MKIV End Patrol
 Thu Sep 2 21:46:41 GMT 1999 CHIP CHIP End Patrol
 Thu Sep 2 21:47:13 GMT 1999 PICS End Patrol
 PSPT PROBLEM: Thu Sep 2 21:49:05 GMT 1999
 I couldn't get it to shut down gracefully so I closed the dust cap and
 left the telescope pointed up and the files weren't transferred or
 compressed. I shut down all the electronics normally.
 PSPT PROBLEM: Thu Sep 2 22:17:45 GMT 1999
 I talked to Randy and we were able to shutdown and stow the telescope
 with the command pspt_shutdown
 He'll compress and transfer the files later tonight.
 Thu Sep 2 23:02:59 GMT 1999 CHIP ending tape
 COMMENT: Thu Sep 2 23:08:44 GMT 1999

TAPES:

MKIV: 99245
 CHIP: C00911
 PICS: P01535
 LOWL: L00623 in drive #1

Thu Sep 2 23:09:42 GMT 1999
 MkIII

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