
Mauna Loa Solar Observatory Observer's Log

Thu May 14 16:57:10 GMT 1998

Year: 98 Doy: 134

Observer: koon

WEATHER COMMENT: Thu May 14 16:57:12 GMT 1998

Medium cirrostratus overcast, wind=5 mph from the East, temp=50 F.

MKIII COMMENT: Thu May 14 16:59:28 GMT 1998

Won't start this up due to clouds, will work on cable and limit switch changes.

Thu May 14 17:00:22 GMT 1998 CHIP Startup--Initializing new tape

Thu May 14 17:05:16 GMT 1998 CHIP CHIP Start Patrol

Thu May 14 17:05:16 GMT 1998 CHIP CHIP Start Patrol

LOW-L COMMENT: Thu May 14 17:08:04 GMT 1998

L00515 was popped out of temp drive #0, I'm not sure but that might have been as it should have done. Removed it and installed L00517 in temp drive #0.

PICS COMMENT: Thu May 14 17:35:26 GMT 1998

Pausing this one due to clouds.

PSPT COMMENT: Thu May 14 17:35:37 GMT 1998

I'm not sure what the status of this instrument is, yesterday Haosheng said

I should wait for e-mail from him before starting up today, haven't

received any e-mail from him yet.

End Patrol

Thu May 14 18:03:05 GMT 1998 CHIP Bias

Thu May 14 18:04:07 GMT 1998 CHIP End Bias

Thu May 14 18:04:15 GMT 1998 CHIP Water

Thu May 14 18:04:55 GMT 1998 CHIP End Water

Thu May 14 18:05:03 GMT 1998 CHIP Velocity

Thu May 14 18:05:36 GMT 1998 CHIP End Velocity

CHIP COMMENT: Thu May 14 18:14:51 GMT 1998

The instrument appears to be working normally after the hourly velocity measurement sequence.

Thu May 14 19:03:08 GMT 1998 CHIP Bias

Thu May 14 19:04:04 GMT 1998 CHIP End Bias

Thu May 14 19:04:12 GMT 1998 CHIP Water

Thu May 14 19:04:57 GMT 1998 CHIP End Water

Thu May 14 19:05:04 GMT 1998 CHIP Velocity

Thu May 14 19:05:40 GMT 1998 CHIP End Velocity

PSPT COMMENT: Thu May 14 19:44:56 GMT 1998

Haosheng called, I opened the dome and got things ready for him.

Thu May 14 20:03:06 GMT 1998 CHIP Gain

Thu May 14 20:09:08 GMT 1998 CHIP End Gain

Thu May 14 20:09:15 GMT 1998 CHIP Bias

Thu May 14 20:10:07 GMT 1998 CHIP End Bias

Thu May 14 20:10:15 GMT 1998 CHIP Water

Thu May 14 20:10:55 GMT 1998 CHIP End Water

Thu May 14 20:11:02 GMT 1998 CHIP Velocity
Thu May 14 20:11:50 GMT 1998 CHIP End Velocity

COMMENT: Thu May 14 20:33:49 GMT 1998
Extended the dome slot.

Thu May 14 21:01:06 GMT 1998 CHIP Bias
Thu May 14 21:02:03 GMT 1998 CHIP End Bias
Thu May 14 21:02:10 GMT 1998 CHIP Water
Thu May 14 21:03:04 GMT 1998 CHIP End Water
Thu May 14 21:03:12 GMT 1998 CHIP Velocity
Thu May 14 21:03:46 GMT 1998 CHIP End Velocity

PSPT COMMENT: Thu May 14 21:45:25 GMT 1998

Rigged up a temporary light baffle around the dec axis limit switch to see if ambient light is getting into the sensor and confusing things.

Thu May 14 22:01:03 GMT 1998 CHIP Bias
Thu May 14 22:01:58 GMT 1998 CHIP End Bias
Thu May 14 22:02:05 GMT 1998 CHIP Water
Thu May 14 22:02:49 GMT 1998 CHIP End Water
Thu May 14 22:02:57 GMT 1998 CHIP Velocity
Thu May 14 22:03:32 GMT 1998 CHIP End Velocity

PSPT COMMENT: Thu May 14 22:40:48 GMT 1998

Still haven't fixed the declination pointing problem. I'll leave the various electronics on overnight so Haosheng can work on it. I'll take the dome out of computer control after I close it, to be safe.

Thu May 14 22:46:02 GMT 1998 CHIP CHIP End Patrol

MKIII COMMENT: Thu May 14 23:16:15 GMT 1998

I didn't have enough time to finish the dark shutter limit switch installation due to other tasks. But I did figure out how the circuitry works and exactly where to mount the new switches and made some progress removing unneeded circuitry and wiring and making the new mounts. It should go fairly fast and easy now, I'll get dark shutter hooked up and tested on Saturday, and if the weather permits I should be able to do the ND filter too. Right now the dark shutter isn't functional. On the spar, both the ND filter and the dark shutter mechanism cables are unplugged.

COMMENT: Thu May 14 23:37:36 GMT 1998

TAPES:

MKIII: Too cloudy for data

PICS: Too cloudy for data

CHIP: C00581

LOWL: L00516 in temp drive #1

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Thu May 14 23:42:02 GMT 1998

MkIII