
Mauna Loa Solar Observatory Observer's Log

Wed Aug 13 16:19:36 GMT 2003

Year: 03 Doy: 225

Observer: yasukawa

WEATHER COMMENT: Wed Aug 13 16:20:01 GMT 2003

Cool, clear, south wind.

WEATHER COMMENT: Wed Aug 13 16:26:04 GMT 2003

Broken altocumulus overcast above station and to west.

Wed Aug 13 16:35:49 GMT 2003 CHIP Start Patrol

Wed Aug 13 16:36:01 GMT 2003 PICS Start Patrol

COMMENT: Wed Aug 13 16:35:46 GMT 2003

Guider and sky tx 'scopes have cleared dome cylinder. Starting PICS and CHIP.

MKIV COMMENT: Wed Aug 13 16:56:07 GMT 2003

MK4 cleared dome cylinder, centering O1.

Wed Aug 13 16:56:33 GMT 2003 MKIV Start Patrol

PSPT COMMENT: Wed Aug 13 17:05:21 GMT 2003

Starting up pspt.

PSPT COMMENT: Wed Aug 13 17:18:13 GMT 2003

Observing.

MKIV COMMENT: Wed Aug 13 17:55:23 GMT 2003

Centered O1.

Wed Aug 13 18:01:29 GMT 2003 MKIV End Patrol

Wed Aug 13 18:01:41 GMT 2003 MKIV Start Cal

Wed Aug 13 18:02:45 GMT 2003 CHIP LSD

Wed Aug 13 18:03:11 GMT 2003 PICS Flat

Wed Aug 13 18:04:31 GMT 2003 CHIP End LSD

Wed Aug 13 18:04:43 GMT 2003 CHIP BiasLSD

Wed Aug 13 18:05:40 GMT 2003 CHIP End BiasLSD

Wed Aug 13 18:05:43 GMT 2003 PICS End Flat

Wed Aug 13 18:05:55 GMT 2003 CHIP Bias

Wed Aug 13 18:06:51 GMT 2003 CHIP End Bias

Wed Aug 13 18:21:01 GMT 2003 MKIV End Cal

Wed Aug 13 18:21:06 GMT 2003 MKIV Start Patrol

MKIV COMMENT: Wed Aug 13 19:05:15 GMT 2003

Centered O1.

Wed Aug 13 19:23:35 GMT 2003 CHIP End Patrol

COMMENT: Wed Aug 13 19:23:51 GMT 2003

Stopping to reconfigure dome shutter.

Wed Aug 13 19:23:52 GMT 2003 PICS End Patrol

Wed Aug 13 19:26:11 GMT 2003 MKIV End Patrol

MKIV COMMENT: Wed Aug 13 19:30:16 GMT 2003

Centered O1.

Wed Aug 13 19:30:29 GMT 2003 MKIV Start Patrol

Wed Aug 13 19:30:20 GMT 2003 CHIP Start Patrol

Wed Aug 13 19:30:24 GMT 2003 PICS Start Patrol

PSPT COMMENT: Wed Aug 13 19:44:13 GMT 2003

Awaiting flat-field to finish before changing orientation of ND tilt on CaK filter as requested by KVS.

PSPT COMMENT: Wed Aug 13 19:56:36 GMT 2003

Stopped observations. Removed CaK filter. Reconfiguring tilt of ND filter.

PSPT COMMENT: Wed Aug 13 20:34:40 GMT 2003

Restarting observations. I did not reorient ND filter as requested. Upon removal and inspection, I observed the ND filter looked like there was a thin film of haze on the front surface. It was like someone wiped on a film of vaseline or breathed on it (without any evaporation afterwards). Something may be causing this deposition internally in the optics box as the filter looked quite clean when installed last time. I removed the dirty filter and cleaned it with pure ethyl alcohol. I re-cleaned the CaK filter with a light ethyl alcohol wipe. Dusted both elements and reassembled unit. I lost one of the small washers in the black hole of the floor under the workbench so I replaced it plus another small washer with a #2 (another of the larger washers) washer. Thickness of the small washer is approx. 0.149 inch and the thickness of the larger washer is 0.305 inch. Replaced assembly and restarted PSPT.

MKIV COMMENT: Wed Aug 13 20:49:46 GMT 2003

Centered O1.

PSPT PROBLEM: Wed Aug 13 20:51:13 GMT 2003

CaK image now looks very overexposed with the clean ND filter.

WEATHER COMMENT: Wed Aug 13 20:57:02 GMT 2003

In scattered orographic clouds.

PSPT PROBLEM: Wed Aug 13 21:05:40 GMT 2003

Centering was poor at restart and got worse--maybe due to clouds.

Aborted and exited. Restarted Pspt. Will try to recenter before restarting observations when/if clouds recede.

PSPT PROBLEM: Wed Aug 13 21:07:36 GMT 2003

Spar was also oscillating. Damped oscillation with my hand on the rear of the instrument. Oscillations recurred before I aborted observations.

PSPT PROBLEM: Wed Aug 13 21:16:04 GMT 2003

Closed lower flap of dome shutter but that did not help with oscillation. Not sure if wind is causing the oscillations or it is something else.

MKIV COMMENT: Wed Aug 13 21:33:45 GMT 2003

Centered O1.

MLSO PROBLEM: Wed Aug 13 22:37:45 GMT 2003

Appears email is down. Cannot get onto net via PC. Servers may be slow due to current worm or PC may be infected.

MLSO PROBLEM: Wed Aug 13 22:42:17 GMT 2003

Local network (between sparcs

MLSO PROBLEM: Wed Aug 13 22:42:50 GMT 2003

Local network (between sparcs) appear OK. I can rlogin to kaiee and read my mail via mailx.

MLSO PROBLEM: Wed Aug 13 22:56:36 GMT 2003

I cannot ping kaiee from PC over LAN. I tried dialing in to RAS and could not ping kaiee via phone line. I was able to ping hao from the PC so it appears the PC may not be infected with anything.

MKIV COMMENT: Wed Aug 13 23:04:48 GMT 2003
Centered O1.

MLSO PROBLEM: Wed Aug 13 23:05:41 GMT 2003

I can get onto internet via dial-up RAS but not via LAN. Maybe CSMT secured the firewall in light of the worm scare. PC apparently not infected--I can do a bunch of internet tasks via dial-up.

PSPT COMMENT: Wed Aug 13 23:31:14 GMT 2003

Oscillations have gone away, it appears. They may have been due to the orographic clouds hovering around the dome.

MLSO PROBLEM: Wed Aug 13 23:49:30 GMT 2003

PC is communicating with kaiee again. Test message got sent and received over LAN. Not sure what happened earlier except for paranoia over latest worms reported by the mass media.

MKIV COMMENT: Thu Aug 14 00:01:43 GMT 2003
Centered O1.

WEATHER COMMENT: Thu Aug 14 00:54:12 GMT 2003
In orographic clouds.

MKIV COMMENT: Thu Aug 14 01:38:31 GMT 2003
Centered O1.

Thu Aug 14 01:44:28 GMT 2003 PICS End Patrol

COMMENT: Thu Aug 14 01:44:36 GMT 2003

Stopping to reconfigure dome shutter.

Thu Aug 14 01:44:29 GMT 2003 CHIP End Patrol

Thu Aug 14 01:47:37 GMT 2003 MKIV End Patrol

Thu Aug 14 01:52:27 GMT 2003 MKIV Start Patrol

Thu Aug 14 01:52:44 GMT 2003 CHIP Start Patrol

Thu Aug 14 01:52:56 GMT 2003 PICS Start Patrol

Thu Aug 14 02:27:56 GMT 2003 PICS End Patrol

Thu Aug 14 02:30:40 GMT 2003 CHIP End Patrol

PSPT COMMENT: Thu Aug 14 02:31:14 GMT 2003
Shutdown

Thu Aug 14 02:33:51 GMT 2003 MKIV End Patrol

Thu Aug 14 02:38:01 GMT 2003

MkIV

00_01.rawmk4	01_58.rawmk4	18_26.rawmk4	20_23.rawmk4	22_14.rawmk4
00_04.rawmk4	02_01.rawmk4	18_30.rawmk4	20_26.rawmk4	22_17.rawmk4
00_07.rawmk4	02_04.rawmk4	18_32.rawmk4	20_29.rawmk4	22_20.rawmk4
00_10.rawmk4	02_07.rawmk4	18_35.rawmk4	20_32.rawmk4	22_23.rawmk4
00_13.rawmk4	02_10.rawmk4	18_38.rawmk4	20_35.rawmk4	22_26.rawmk4
00_16.rawmk4	02_13.rawmk4	18_41.rawmk4	20_37.rawmk4	22_29.rawmk4
00_19.rawmk4	02_15.rawmk4	18_44.rawmk4	20_40.rawmk4	22_32.rawmk4
00_22.rawmk4	02_18.rawmk4	18_47.rawmk4	20_43.rawmk4	22_35.rawmk4
00_25.rawmk4	02_21.rawmk4	18_50.rawmk4	20_46.rawmk4	22_38.rawmk4
00_28.rawmk4	02_24.rawmk4	18_53.rawmk4	20_49.rawmk4	22_41.rawmk4
00_30.rawmk4	02_27.rawmk4	18_56.rawmk4	20_52.rawmk4	22_44.rawmk4
00_33.rawmk4	02_30.rawmk4	18_59.rawmk4	20_55.rawmk4	22_47.rawmk4
00_36.rawmk4	16_56.rawmk4	19_02.rawmk4	20_58.rawmk4	22_50.rawmk4
00_39.rawmk4	16_59.rawmk4	19_05.rawmk4	21_01.rawmk4	22_53.rawmk4

00_42.rawmk4	17_02.rawmk4	19_08.rawmk4	21_04.rawmk4	22_55.rawmk4
00_45.rawmk4	17_05.rawmk4	19_11.rawmk4	21_07.rawmk4	22_58.rawmk4
00_48.rawmk4	17_08.rawmk4	19_14.rawmk4	21_10.rawmk4	23_01.rawmk4
00_51.rawmk4	17_11.rawmk4	19_16.rawmk4	21_13.rawmk4	23_04.rawmk4
00_54.rawmk4	17_14.rawmk4	19_19.rawmk4	21_16.rawmk4	23_07.rawmk4
00_57.rawmk4	17_17.rawmk4	19_22.rawmk4	21_19.rawmk4	23_10.rawmk4
01_00.rawmk4	17_20.rawmk4	19_30.rawmk4	21_22.rawmk4	23_13.rawmk4
01_03.rawmk4	17_23.rawmk4	19_33.rawmk4	21_24.rawmk4	23_16.rawmk4
01_06.rawmk4	17_26.rawmk4	19_36.rawmk4	21_27.rawmk4	23_19.rawmk4
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01_12.rawmk4	17_31.rawmk4	19_42.rawmk4	21_33.rawmk4	23_25.rawmk4
01_15.rawmk4	17_34.rawmk4	19_45.rawmk4	21_36.rawmk4	23_28.rawmk4
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01_41.rawmk4	18_04.rawmk4	20_11.rawmk4	22_03.rawmk4	23_58.rawmk4
01_44.rawmk4	18_10.rawmk4	20_14.rawmk4	22_06.rawmk4	c18_01.rawmk4
01_52.rawmk4	18_21.rawmk4	20_17.rawmk4	22_09.rawmk4	c18_07.rawmk4
01_55.rawmk4	18_24.rawmk4	20_20.rawmk4	22_11.rawmk4	c18_13.rawmk4