
Mauna Loa Solar Observatory Observer's Log

Sun Apr 20 16:48:38 GMT 2003

Year: 03 Doy: 110

Observer: koon

Sun Apr 20 16:52:13 GMT 2003 CHIP Start Patrol

Sun Apr 20 16:53:06 GMT 2003 MKIV Start Patrol

Sun Apr 20 16:54:58 GMT 2003 PICS Start Patrol

WEATHER COMMENT: Sun Apr 20 16:48:39 GMT 2003

Clear sky, thick clouds below, wind=5 mph from the SE, temp=42 F.

PSPT COMMENT: Sun Apr 20 17:10:10 GMT 2003

Observing.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sun Apr 20 17:37:51 GMT 2003

MKIV PROBLEM: Sun Apr 20 17:52:21 GMT 2003

No problems with the barrel so far today. But the O1 guiders aren't working properly, the stepper motors for that feel energized whether the power is turned on downstairs or not (that toggle switch below the table to the right of the Nahenahe station), i.e. the shafts can't be easily turned. So for now I had to disconnect the stepper motor cable (big, gray, threaded connectors) for each of the 2 motors up near the O1 and turn the motors to their normal early morning positions and then screw the connectors back on to energize the motors and hold them in place - otherwise the stage moves off in the East direction.

Sun Apr 20 18:01:48 GMT 2003 CHIP LSD

Sun Apr 20 18:03:30 GMT 2003 CHIP End LSD

Sun Apr 20 18:03:39 GMT 2003 CHIP BiasLSD

Sun Apr 20 18:04:25 GMT 2003 PICS Flat

Sun Apr 20 18:04:33 GMT 2003 CHIP End BiasLSD

Sun Apr 20 18:04:42 GMT 2003 CHIP Bias

Sun Apr 20 18:05:39 GMT 2003 CHIP End Bias

Sun Apr 20 18:06:11 GMT 2003 MKIV End Patrol

Sun Apr 20 18:06:22 GMT 2003 MKIV Start Cal

Sun Apr 20 18:06:49 GMT 2003 PICS End Flat

Sun Apr 20 18:25:08 GMT 2003 MKIV End Cal

Sun Apr 20 18:25:18 GMT 2003 MKIV Start Patrol

GONG PROBLEM: Sun Apr 20 18:49:39 GMT 2003

Heading down to shelter to fix a problem.

GONG PROBLEM: Sun Apr 20 19:16:49 GMT 2003

Back from shelter, cycled Data and Instrument chassis and rebooted workstation.

COMMENT: Sun Apr 20 19:25:56 GMT 2003

Extended the dome slot.

**** EVENT COMMENT ****: Sun Apr 20 20:04:43 GMT 2003

CME in progress at PA=270

WEATHER COMMENT: Sun Apr 20 22:10:29 GMT 2003

That thick lower cloud layer is slowly rising up to this level, but so far this morning I've been having very clear sky conditions.

Sun Apr 20 22:19:16 GMT 2003 CHIP End Patrol

WEATHER COMMENT: Sun Apr 20 22:19:25 GMT 2003

Fog is starting to blow over, paused instruments and closed domes.

Sun Apr 20 22:21:42 GMT 2003 MKIV End Patrol

Sun Apr 20 22:23:58 GMT 2003 PICS End Patrol

****PICS PROBLEM****: Sun Apr 20 22:30:32 GMT 2003

I couldn't get the Patrol to stop, even after 2 "Ends". So I did a Kill/Run cycle.

Sun Apr 20 22:51:39 GMT 2003 CHIP Start Patrol

Sun Apr 20 22:51:52 GMT 2003 PICS Start Patrol

WEATHER COMMENT: Sun Apr 20 22:51:41 GMT 2003

The clouds have receded so I restarted everything.

Sun Apr 20 22:53:01 GMT 2003 MKIV Start Patrol

****PSPT PROBLEM****: Sun Apr 20 22:53:09 GMT 2003

Earlier today I saw fuzzy data images displayed, the spar was oscillating in RA, to fix this I slightly loosened the RA axis clutch using that big hex wrench up on the platform.

WEATHER COMMENT: Mon Apr 21 01:56:20 GMT 2003

The sky is very bright but still fairly clear.

COMMENT: Mon Apr 21 02:11:16 GMT 2003

Extended the dome slot.

WEATHER COMMENT: Mon Apr 21 02:11:25 GMT 2003

Orographic clouds are coming in from the West.

Mon Apr 21 02:25:45 GMT 2003 CHIP End Patrol

Mon Apr 21 02:25:59 GMT 2003 PICS End Patrol

Mon Apr 21 02:30:59 GMT 2003 MKIV End Patrol

Mon Apr 21 02:42:52 GMT 2003

MkIV

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00_03.rawmk4	01_52.rawmk4	18_15.rawmk4	20_11.rawmk4	22_00.rawmk4
00_06.rawmk4	01_55.rawmk4	18_21.rawmk4	20_14.rawmk4	22_03.rawmk4
00_09.rawmk4	01_58.rawmk4	18_25.rawmk4	20_17.rawmk4	22_06.rawmk4
00_12.rawmk4	02_01.rawmk4	18_28.rawmk4	20_20.rawmk4	22_09.rawmk4
00_15.rawmk4	02_04.rawmk4	18_31.rawmk4	20_23.rawmk4	22_12.rawmk4
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