

-----  
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

00_00.rawmk4	01_49.rawmk4	18_09.rawmk4	20_09.rawmk4	21_57.rawmk4
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
00_18.rawmk4	02_07.rawmk4	18_34.rawmk4	20_26.rawmk4	22_15.rawmk4
00_21.rawmk4	02_10.rawmk4	18_37.rawmk4	20_29.rawmk4	22_18.rawmk4
00_24.rawmk4	02_13.rawmk4	18_39.rawmk4	20_32.rawmk4	22_53.rawmk4
00_27.rawmk4	02_15.rawmk4	18_42.rawmk4	20_35.rawmk4	22_55.rawmk4
00_30.rawmk4	02_18.rawmk4	18_45.rawmk4	20_38.rawmk4	22_58.rawmk4
00_32.rawmk4	02_21.rawmk4	18_48.rawmk4	20_41.rawmk4	23_01.rawmk4
00_35.rawmk4	02_24.rawmk4	18_51.rawmk4	20_44.rawmk4	23_04.rawmk4
00_38.rawmk4	02_27.rawmk4	18_54.rawmk4	20_47.rawmk4	23_07.rawmk4
00_41.rawmk4	16_53.rawmk4	18_57.rawmk4	20_50.rawmk4	23_10.rawmk4
00_44.rawmk4	16_56.rawmk4	19_00.rawmk4	20_53.rawmk4	23_13.rawmk4
00_47.rawmk4	16_59.rawmk4	19_03.rawmk4	20_56.rawmk4	23_16.rawmk4
00_50.rawmk4	17_02.rawmk4	19_06.rawmk4	20_58.rawmk4	23_19.rawmk4
00_53.rawmk4	17_05.rawmk4	19_09.rawmk4	21_01.rawmk4	23_22.rawmk4
00_56.rawmk4	17_08.rawmk4	19_12.rawmk4	21_04.rawmk4	23_25.rawmk4
00_59.rawmk4	17_12.rawmk4	19_18.rawmk4	21_07.rawmk4	23_28.rawmk4

01_02.rawmk4	17_15.rawmk4	19_22.rawmk4	21_10.rawmk4	23_31.rawmk4
01_05.rawmk4	17_17.rawmk4	19_24.rawmk4	21_13.rawmk4	23_34.rawmk4
01_08.rawmk4	17_20.rawmk4	19_27.rawmk4	21_16.rawmk4	23_37.rawmk4
01_11.rawmk4	17_23.rawmk4	19_30.rawmk4	21_19.rawmk4	23_40.rawmk4
01_14.rawmk4	17_26.rawmk4	19_33.rawmk4	21_22.rawmk4	23_42.rawmk4
01_17.rawmk4	17_29.rawmk4	19_36.rawmk4	21_25.rawmk4	23_45.rawmk4
01_20.rawmk4	17_32.rawmk4	19_39.rawmk4	21_28.rawmk4	23_48.rawmk4
01_23.rawmk4	17_35.rawmk4	19_42.rawmk4	21_31.rawmk4	23_51.rawmk4
01_26.rawmk4	17_38.rawmk4	19_45.rawmk4	21_34.rawmk4	23_54.rawmk4
01_29.rawmk4	17_41.rawmk4	19_48.rawmk4	21_37.rawmk4	23_57.rawmk4
01_31.rawmk4	17_44.rawmk4	19_51.rawmk4	21_40.rawmk4	c18_06.rawmk4
01_34.rawmk4	17_47.rawmk4	19_54.rawmk4	21_43.rawmk4	c18_12.rawmk4
01_37.rawmk4	17_50.rawmk4	19_57.rawmk4	21_46.rawmk4	c18_18.rawmk4
01_40.rawmk4	17_53.rawmk4	20_00.rawmk4	21_49.rawmk4	
01_43.rawmk4	17_56.rawmk4	20_03.rawmk4	21_51.rawmk4	
01_46.rawmk4	18_02.rawmk4	20_06.rawmk4	21_54.rawmk4	