
Mauna Loa Solar Observatory Observer's Log

Mon Apr 23 16:40:26 GMT 2001

Year: 01 Doy: 113

Observer: yasukawa

WEATHER COMMENT: Mon Apr 23 16:41:13 GMT 2001

Cool, clear, light south breeze.

COMMENT: Mon Apr 23 16:41:33 GMT 2001

Read HELCO meters on the way up here this morning.

Mon Apr 23 16:45:57 GMT 2001 CHIP Start Patrol

Mon Apr 23 16:46:11 GMT 2001 MKIV Start Patrol

Mon Apr 23 16:46:20 GMT 2001 PICS Start Patrol

COMMENT: Mon Apr 23 16:49:44 GMT 2001

Judd Johnson arrived on site to work on guider upgrade planning,

Mon Apr 23 17:01:20 GMT 2001 CHIP LSD

Mon Apr 23 17:04:53 GMT 2001 CHIP End LSD

Mon Apr 23 17:05:09 GMT 2001 CHIP BiasLSD

Mon Apr 23 17:06:02 GMT 2001 CHIP End BiasLSD

**** EVENT COMMENT ****: Mon Apr 23 17:06:05 GMT 2001

EPL ongoing at PA 230-250.

Mon Apr 23 17:06:13 GMT 2001 CHIP Bias

Mon Apr 23 17:06:59 GMT 2001 CHIP End Bias

**** EVENT COMMENT ****: Mon Apr 23 17:38:43 GMT 2001

EPL is visible in the coronal images.

Mon Apr 23 18:01:27 GMT 2001 CHIP LSD

Mon Apr 23 18:03:36 GMT 2001 PICS Flat

Mon Apr 23 18:05:08 GMT 2001 CHIP End LSD

Mon Apr 23 18:05:21 GMT 2001 CHIP BiasLSD

Mon Apr 23 18:06:10 GMT 2001 CHIP End BiasLSD

Mon Apr 23 18:06:22 GMT 2001 CHIP Bias

Mon Apr 23 18:07:12 GMT 2001 PICS End Flat

Mon Apr 23 18:07:12 GMT 2001 CHIP End Bias

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Mon Apr 23 18:08:37 GMT 2001

**** EVENT COMMENT ****: Mon Apr 23 18:15:20 GMT 2001

EPL now at RV 1.4

Mon Apr 23 19:01:20 GMT 2001 CHIP LSD

Mon Apr 23 19:05:01 GMT 2001 CHIP End LSD

Mon Apr 23 19:05:11 GMT 2001 CHIP BiasLSD

Mon Apr 23 19:06:00 GMT 2001 CHIP End BiasLSD

Mon Apr 23 19:06:11 GMT 2001 CHIP Bias

Mon Apr 23 19:07:02 GMT 2001 CHIP End Bias

**** EVENT COMMENT ****: Mon Apr 23 19:07:52 GMT 2001

EPL RV now at 1.55, appears completely detached from limb.

**** EVENT COMMENT ****: Mon Apr 23 19:50:54 GMT 2001

EPL now out of PICS and CHIP fov. I can still see it rising thru the coronal image.

GONG COMMENT: Mon Apr 23 19:52:01 GMT 2001

Just returned from GONG where I did the weekly preventive maintenance.

Mon Apr 23 20:01:30 GMT 2001 CHIP LSD
Mon Apr 23 20:05:04 GMT 2001 CHIP End LSD
Mon Apr 23 20:05:13 GMT 2001 CHIP BiasLSD
Mon Apr 23 20:06:00 GMT 2001 CHIP End BiasLSD
Mon Apr 23 20:06:15 GMT 2001 CHIP Bias
Mon Apr 23 20:07:07 GMT 2001 CHIP End Bias

COMMENT: Mon Apr 23 20:07:54 GMT 2001

Stopping to reconfigure dome shutter.

Mon Apr 23 20:08:25 GMT 2001 PICS End Patrol
Mon Apr 23 20:09:40 GMT 2001 CHIP End Patrol
Mon Apr 23 20:20:27 GMT 2001 MKIV Start Patrol
Mon Apr 23 20:20:38 GMT 2001 CHIP Start Patrol
Mon Apr 23 20:20:56 GMT 2001 PICS Start Patrol
Mon Apr 23 21:02:32 GMT 2001 CHIP LSD
Mon Apr 23 21:06:15 GMT 2001 CHIP End LSD
Mon Apr 23 21:06:29 GMT 2001 CHIP BiasLSD
Mon Apr 23 21:07:20 GMT 2001 CHIP End BiasLSD
Mon Apr 23 21:07:29 GMT 2001 CHIP Bias
Mon Apr 23 21:08:14 GMT 2001 CHIP End Bias

WEATHER COMMENT: Mon Apr 23 21:34:59 GMT 2001

Scattered orographic clouds have arrived around station.

Mon Apr 23 22:02:39 GMT 2001 CHIP LSD
Mon Apr 23 22:04:21 GMT 2001 PICS End Patrol
Mon Apr 23 22:06:03 GMT 2001 CHIP End LSD
Mon Apr 23 22:06:16 GMT 2001 CHIP BiasLSD
Mon Apr 23 22:07:02 GMT 2001 CHIP End BiasLSD
Mon Apr 23 22:07:17 GMT 2001 CHIP Bias
Mon Apr 23 22:08:07 GMT 2001 CHIP End Bias
Mon Apr 23 22:10:57 GMT 2001 CHIP End Patrol

COMMENT: Mon Apr 23 22:20:29 GMT 2001

Judd and I will be taking the O1 guider stepper motor area apart to look at the mechanicals.

WEATHER COMMENT: Mon Apr 23 22:23:16 GMT 2001

In orographic clouds

****MKIV PROBLEM****: Tue Apr 24 00:41:54 GMT 2001

Found broken teeth on O1 guider motor gear. Replaced plastic gear with metal one purchased 6/97 by Clarke. Notified Clarke to try and locate replacement based on date and other descriptions. We may have to mail the broken gear to him. Reassembled stepper motor assembly and tried firing it back up. Judd indicated that it sounded like the power supply had a bad filter capacitor. He is currently removing the old power supply to troubleshoot and either repair or replace it.

WEATHER COMMENT: Tue Apr 24 00:46:08 GMT 2001

It is currently raining up here.

****MKIV PROBLEM****: Tue Apr 24 00:46:32 GMT 2001

We will secure things and leave continued work for tomorrow.

Tue Apr 24 00:47:06 GMT 2001
MkIV

16_46.rawmk4	17_51.rawmk4	19_06.rawmk4	20_11.rawmk4	21_22.rawmk4
16_49.rawmk4	17_54.rawmk4	19_09.rawmk4	20_20.rawmk4	21_25.rawmk4
16_52.rawmk4	17_57.rawmk4	19_12.rawmk4	20_23.rawmk4	21_28.rawmk4
16_55.rawmk4	18_00.rawmk4	19_15.rawmk4	20_26.rawmk4	21_31.rawmk4
16_58.rawmk4	18_03.rawmk4	19_18.rawmk4	20_29.rawmk4	21_34.rawmk4
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