
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 planneng,

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
17_01.rawmk4	18_06.rawmk4	19_21.rawmk4	20_32.rawmk4	21_37.rawmk4
17_04.rawmk4	18_09.rawmk4	19_24.rawmk4	20_35.rawmk4	21_40.rawmk4
17_07.rawmk4	18_12.rawmk4	19_27.rawmk4	20_38.rawmk4	21_43.rawmk4
17_09.rawmk4	18_15.rawmk4	19_30.rawmk4	20_41.rawmk4	21_46.rawmk4
17_12.rawmk4	18_18.rawmk4	19_33.rawmk4	20_44.rawmk4	21_49.rawmk4
17_15.rawmk4	18_21.rawmk4	19_36.rawmk4	20_47.rawmk4	21_52.rawmk4
17_18.rawmk4	18_24.rawmk4	19_39.rawmk4	20_50.rawmk4	21_55.rawmk4
17_21.rawmk4	18_27.rawmk4	19_42.rawmk4	20_53.rawmk4	21_58.rawmk4
17_24.rawmk4	18_30.rawmk4	19_45.rawmk4	20_56.rawmk4	22_01.rawmk4
17_27.rawmk4	18_33.rawmk4	19_48.rawmk4	20_59.rawmk4	22_04.rawmk4
17_30.rawmk4	18_36.rawmk4	19_51.rawmk4	21_02.rawmk4	c18_50.rawmk4
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17_48.rawmk4	19_00.rawmk4	20_08.rawmk4	21_19.rawmk4	