
Mauna Loa Solar Observatory Observer's Log

Sun Feb 3 17:46:43 GMT 2002

Year: 02 Doy: 034

Observer: koon

Sun Feb 3 17:53:23 GMT 2002 MKIV Start Patrol

WEATHER COMMENT: Sun Feb 3 17:46:45 GMT 2002

Clear sky, wind=5 mph from the West, temp=36 F.

Sun Feb 3 17:55:20 GMT 2002 CHIP Start Patrol

Sun Feb 3 17:55:30 GMT 2002 PICS Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sun Feb 3 18:01:57 GMT 2002

Sun Feb 3 18:02:58 GMT 2002 CHIP LSD

Sun Feb 3 18:05:22 GMT 2002 CHIP End LSD

Sun Feb 3 18:05:38 GMT 2002 CHIP BiasLSD

Sun Feb 3 18:06:37 GMT 2002 CHIP End BiasLSD

Sun Feb 3 18:06:52 GMT 2002 CHIP Bias

Sun Feb 3 18:07:49 GMT 2002 CHIP End Bias

Sun Feb 3 18:09:42 GMT 2002 PICS Start Patrol

PICS PROBLEM: Sun Feb 3 18:09:35 GMT 2002

It looked like the objective wheel was spinning a lot and no positions were being indicated though the Home LED was functioning. Then the program stalled. I restarted it now.

PSPT COMMENT: Sun Feb 3 18:18:03 GMT 2002

Observing.

PICS PROBLEM: Sun Feb 3 18:18:32 GMT 2002

After doing a Kill/Run cycle the objective wheel no longer is rotated until a timeout after each limb or disk image, and the position indicating LEDs are working.

PICS COMMENT: Sun Feb 3 18:24:25 GMT 2002

So far the images all look beautifully sharp, there are the same tiny specks of dust on the image that I couldn't remove yesterday but no large dust like before I worked on it yesterday. I may leave the focus alone and try removing the dust later on.

MKIV PROBLEM: Sun Feb 3 18:30:45 GMT 2002

The corona looks faint compared to normal, it was faint yesterday too. Maybe those Corrects changed some kind of brightness scaling?

Sun Feb 3 18:35:07 GMT 2002 MKIV End Patrol

Sun Feb 3 18:35:18 GMT 2002 MKIV Start Cal

PSPT PROBLEM: Sun Feb 3 18:37:07 GMT 2002

Images aren't centered in this sequence, they are shifted to the upper right, and the active mirror isn't on. I'll let it run to see what happens, right now it is running and taking uncentered images.

PSPT PROBLEM: Sun Feb 3 18:41:02 GMT 2002

The images are now centered and the active mirror is on.

Sun Feb 3 18:54:01 GMT 2002 MKIV End Cal

Sun Feb 3 18:54:11 GMT 2002 MKIV Start Patrol

Sun Feb 3 19:03:03 GMT 2002 CHIP LSD

Sun Feb 3 19:05:17 GMT 2002 CHIP End LSD

Sun Feb 3 19:05:26 GMT 2002 CHIP BiasLSD

Sun Feb 3 19:06:17 GMT 2002 CHIP End BiasLSD

Sun Feb 3 19:06:30 GMT 2002 CHIP Bias

Sun Feb 3 19:07:29 GMT 2002 CHIP End Bias

PSPT PROBLEM: Sun Feb 3 19:51:56 GMT 2002

Stalled at 1922 while centering image, pressed "Enter" key on PC to fix.

Sun Feb 3 20:00:11 GMT 2002 CHIP LSD

Sun Feb 3 20:02:36 GMT 2002 CHIP End LSD

Sun Feb 3 20:02:49 GMT 2002 CHIP BiasLSD

Sun Feb 3 20:03:35 GMT 2002 CHIP End BiasLSD

Sun Feb 3 20:03:51 GMT 2002 CHIP Bias

Sun Feb 3 20:04:42 GMT 2002 CHIP End Bias

PSPT PROBLEM: Sun Feb 3 20:09:14 GMT 2002

Stalled and fixed it the same as last time.

PICS COMMENT: Sun Feb 3 20:10:17 GMT 2002

Pausing to try to clear dust better.

Sun Feb 3 20:13:46 GMT 2002 PICS End Patrol

PSPT PROBLEM: Sun Feb 3 20:34:56 GMT 2002

Same stall and fix as last time, 2027 UT.

PICS COMMENT: Sun Feb 3 20:42:51 GMT 2002

OK, that's the best I can make it with the airbrush blower, I don't think anything changed, but it was good to begin with. So PICS is now focused and cleared of dust on the CCD.

Sun Feb 3 21:00:21 GMT 2002 CHIP LSD
Sun Feb 3 21:02:09 GMT 2002 PICS Start Patrol
Sun Feb 3 21:02:26 GMT 2002 CHIP End LSD
Sun Feb 3 21:02:41 GMT 2002 CHIP BiasLSD
Sun Feb 3 21:03:29 GMT 2002 CHIP End BiasLSD
Sun Feb 3 21:03:38 GMT 2002 CHIP Bias
Sun Feb 3 21:04:20 GMT 2002 CHIP End Bias

COMMENT: Sun Feb 3 21:04:24 GMT 2002

The spar was off the sun a lot while I closed up the PICS covers. Guiding should be normal for the rest of the day now.

Sun Feb 3 22:00:06 GMT 2002 CHIP LSD
Sun Feb 3 22:02:27 GMT 2002 CHIP End LSD
Sun Feb 3 22:02:40 GMT 2002 CHIP BiasLSD
Sun Feb 3 22:03:29 GMT 2002 CHIP End BiasLSD
Sun Feb 3 22:03:39 GMT 2002 CHIP Bias
Sun Feb 3 22:04:29 GMT 2002 CHIP End Bias
Sun Feb 3 22:21:08 GMT 2002 CHIP End Patrol
Sun Feb 3 22:22:47 GMT 2002 PICS End Patrol
Sun Feb 3 22:24:41 GMT 2002 MKIV End Patrol
Sun Feb 3 22:31:45 GMT 2002

MkIV

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| 17_53.rawmk4 | 18_57.rawmk4 | 19_53.rawmk4 | 20_49.rawmk4 | 21_46.rawmk4 |
| 17_56.rawmk4 | 19_00.rawmk4 | 19_56.rawmk4 | 20_52.rawmk4 | 21_49.rawmk4 |
| 17_59.rawmk4 | 19_03.rawmk4 | 19_59.rawmk4 | 20_55.rawmk4 | 21_52.rawmk4 |
| 18_02.rawmk4 | 19_05.rawmk4 | 20_02.rawmk4 | 20_58.rawmk4 | 21_54.rawmk4 |
| 18_05.rawmk4 | 19_08.rawmk4 | 20_05.rawmk4 | 21_01.rawmk4 | 21_57.rawmk4 |
| 18_08.rawmk4 | 19_14.rawmk4 | 20_08.rawmk4 | 21_04.rawmk4 | 22_00.rawmk4 |
| 18_11.rawmk4 | 19_18.rawmk4 | 20_11.rawmk4 | 21_07.rawmk4 | 22_03.rawmk4 |
| 18_14.rawmk4 | 19_21.rawmk4 | 20_14.rawmk4 | 21_09.rawmk4 | 22_06.rawmk4 |
| 18_17.rawmk4 | 19_24.rawmk4 | 20_17.rawmk4 | 21_12.rawmk4 | 22_09.rawmk4 |
| 18_19.rawmk4 | 19_27.rawmk4 | 20_20.rawmk4 | 21_18.rawmk4 | 22_12.rawmk4 |
| 18_22.rawmk4 | 19_30.rawmk4 | 20_23.rawmk4 | 21_22.rawmk4 | 22_15.rawmk4 |
| 18_25.rawmk4 | 19_33.rawmk4 | 20_26.rawmk4 | 21_25.rawmk4 | 22_18.rawmk4 |
| 18_28.rawmk4 | 19_36.rawmk4 | 20_29.rawmk4 | 21_28.rawmk4 | 22_21.rawmk4 |
| 18_31.rawmk4 | 19_39.rawmk4 | 20_32.rawmk4 | 21_31.rawmk4 | c18_35.rawmk4 |
| 18_38.rawmk4 | 19_42.rawmk4 | 20_35.rawmk4 | 21_34.rawmk4 | c18_41.rawmk4 |
| 18_44.rawmk4 | 19_45.rawmk4 | 20_38.rawmk4 | 21_37.rawmk4 | c18_47.rawmk4 |
| 18_50.rawmk4 | 19_48.rawmk4 | 20_41.rawmk4 | 21_40.rawmk4 | |
| 18_54.rawmk4 | 19_51.rawmk4 | 20_44.rawmk4 | 21_43.rawmk4 | |