
Mauna Loa Solar Observatory Observer's Log

Sun Jan 23 17:35:43 GMT 2005

Year: 05 Doy: 023

Observer: koon

Sun Jan 23 17:39:09 GMT 2005 MKIV Start Patrol

WEATHER COMMENT: Sun Jan 23 17:35:44 GMT 2005

Clear sky, no wind, temp=44 F.

____end____

Sun Jan 23 17:39:21 GMT 2005 CHIP Start Patrol

Sun Jan 23 17:39:31 GMT 2005 PICS Start Patrol

MKIV COMMENT: Sun Jan 23 17:39:36 GMT 2005

KCC GUI screen didn't come up out of "sleep mode", cycled main KCC power to fix.

____end____

CHIP COMMENT: Sun Jan 23 17:42:06 GMT 2005

Image was low, manually adjusted upward.

____end____

ECHO COMMENT: Sun Jan 23 17:50:18 GMT 2005

Time OK.

____end____

PSPT COMMENT: Sun Jan 23 17:50:23 GMT 2005

Observing.

____end____

Sun Jan 23 18:00:44 GMT 2005 CHIP LSD

Sun Jan 23 18:01:27 GMT 2005 PICS Flat

Sun Jan 23 18:02:42 GMT 2005 CHIP End LSD

Sun Jan 23 18:02:55 GMT 2005 CHIP BiasLSD

Sun Jan 23 18:03:50 GMT 2005 PICS End Flat

Sun Jan 23 18:03:55 GMT 2005 CHIP End BiasLSD

Sun Jan 23 18:04:00 GMT 2005 PICS ReStart Patrol

Sun Jan 23 18:04:09 GMT 2005 CHIP Bias

Sun Jan 23 18:05:07 GMT 2005 CHIP End Bias

Sun Jan 23 18:05:14 GMT 2005 CHIP ReStart Patrol

MKIV COMMENT: Sun Jan 23 18:17:27 GMT 2005

Centered occulting.

____end____

Sun Jan 23 18:20:44 GMT 2005 MKIV End Patrol

Sun Jan 23 18:40:30 GMT 2005 MKIV End Cal

Sun Jan 23 18:40:36 GMT 2005 MKIV Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sun Jan 23 19:38:09 GMT 2005

MKIV COMMENT: Sun Jan 23 23:13:18 GMT 2005

Centered occulting.

____end____

WEATHER COMMENT: Mon Jan 24 00:03:08 GMT 2005

Low clouds are coming in from the NE.

____end____

Mon Jan 24 00:43:57 GMT 2005 PICS End Patrol
Mon Jan 24 00:44:59 GMT 2005 PICS Start Patrol

PICS PROBLEM Mon Jan 24 00:38:17 GMT 2005

I've watched the status LEDs while the occulting wheel turns because I've seen the vignetting in the disk images that were mentioned by Holly and Eric. The pattern in the vignetting points to the occulting wheel. I see that the occulting wheel does get to the Occult and Clear positions and does apparently stop at each position but it stops for a very short while at the Clear position and then goes back to Occult for the limb images, and the Camera status field shows that the disk image is taken before the occulting wheel gets to the Clear position. I tried ending the Patrol and restarting the Patrol and that cleared the problem right away, even though the previous disk images were bad for about 35 minutes, compare the good images taken after 0045 UT to those before that time. All I did was to stop the Patrol with the End software button then restart it with the Patrol button, I did not do a Kill/Run cycle or anything additional. I'm not sure what put it out of sync like that but for now the cure is to stop and restart Patrol when we notice the problem.

___end___

COMMENT: Mon Jan 24 01:03:28 GMT 2005

I need to leave a little early today to help Denise with something at home.

___end___

Mon Jan 24 01:05:10 GMT 2005 PICS End Patrol
Mon Jan 24 01:05:27 GMT 2005 MKIV End Patrol
Mon Jan 24 01:05:39 GMT 2005 CHIP End Patrol
Mon Jan 24 01:12:55 GMT 2005

MkIV

00_00.rawmk4	18_02.rawmk4	19_42.rawmk4	21_14.rawmk4	22_42.rawmk4
00_03.rawmk4	18_05.rawmk4	19_45.rawmk4	21_17.rawmk4	22_45.rawmk4
00_06.rawmk4	18_08.rawmk4	19_48.rawmk4	21_20.rawmk4	22_48.rawmk4
00_09.rawmk4	18_11.rawmk4	19_51.rawmk4	21_23.rawmk4	22_54.rawmk4
00_12.rawmk4	18_14.rawmk4	19_56.rawmk4	21_26.rawmk4	22_57.rawmk4
00_15.rawmk4	18_17.rawmk4	20_00.rawmk4	21_28.rawmk4	23_00.rawmk4
00_18.rawmk4	18_24.rawmk4	20_03.rawmk4	21_31.rawmk4	23_03.rawmk4
00_21.rawmk4	18_30.rawmk4	20_06.rawmk4	21_34.rawmk4	23_06.rawmk4
00_24.rawmk4	18_37.rawmk4	20_09.rawmk4	21_37.rawmk4	23_09.rawmk4
00_26.rawmk4	18_40.rawmk4	20_12.rawmk4	21_40.rawmk4	23_12.rawmk4
00_29.rawmk4	18_43.rawmk4	20_15.rawmk4	21_43.rawmk4	23_15.rawmk4
00_32.rawmk4	18_46.rawmk4	20_18.rawmk4	21_46.rawmk4	23_18.rawmk4
00_35.rawmk4	18_49.rawmk4	20_21.rawmk4	21_49.rawmk4	23_24.rawmk4
00_38.rawmk4	18_52.rawmk4	20_24.rawmk4	21_52.rawmk4	23_28.rawmk4
00_41.rawmk4	18_55.rawmk4	20_27.rawmk4	21_55.rawmk4	23_31.rawmk4
00_44.rawmk4	18_58.rawmk4	20_30.rawmk4	21_58.rawmk4	23_34.rawmk4
00_47.rawmk4	19_01.rawmk4	20_33.rawmk4	22_01.rawmk4	23_36.rawmk4
00_50.rawmk4	19_04.rawmk4	20_36.rawmk4	22_04.rawmk4	23_39.rawmk4
00_53.rawmk4	19_07.rawmk4	20_38.rawmk4	22_07.rawmk4	23_42.rawmk4
00_56.rawmk4	19_09.rawmk4	20_41.rawmk4	22_10.rawmk4	23_45.rawmk4

00_59.rawmk4	19_12.rawmk4	20_44.rawmk4	22_12.rawmk4	23_48.rawmk4
01_02.rawmk4	19_15.rawmk4	20_47.rawmk4	22_15.rawmk4	23_51.rawmk4
17_39.rawmk4	19_18.rawmk4	20_50.rawmk4	22_18.rawmk4	23_54.rawmk4
17_42.rawmk4	19_21.rawmk4	20_53.rawmk4	22_21.rawmk4	23_57.rawmk4
17_45.rawmk4	19_24.rawmk4	20_56.rawmk4	22_24.rawmk4	c18_20.rawmk4
17_48.rawmk4	19_27.rawmk4	20_59.rawmk4	22_27.rawmk4	c18_27.rawmk4
17_51.rawmk4	19_30.rawmk4	21_02.rawmk4	22_30.rawmk4	c18_34.rawmk4
17_53.rawmk4	19_33.rawmk4	21_05.rawmk4	22_33.rawmk4	
17_56.rawmk4	19_36.rawmk4	21_08.rawmk4	22_36.rawmk4	
17_59.rawmk4	19_39.rawmk4	21_11.rawmk4	22_39.rawmk4	