
Mauna Loa Solar Observatory Observer's Log

Mon Jan 27 17:15:06 GMT 2003

Year: 03 Doy: 027

Observer: stueben

WEATHER COMMENT: Mon Jan 27 17:17:34 GMT 2003

Cool, clear, southeast wind.

Mon Jan 27 17:27:32 GMT 2003 CHIP Start Patrol

Mon Jan 27 17:27:51 GMT 2003 PICS Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Mon Jan 27 17:36:22 GMT 2003

Mon Jan 27 17:56:55 GMT 2003 MKIV Start Patrol

Mon Jan 27 18:00:42 GMT 2003 CHIP LSD

MKIV COMMENT: Mon Jan 27 18:00:37 GMT 2003

Centered 01 guider.

Mon Jan 27 18:02:21 GMT 2003 CHIP End LSD

Mon Jan 27 18:02:29 GMT 2003 CHIP BiasLSD

Mon Jan 27 18:03:14 GMT 2003 CHIP End BiasLSD

Mon Jan 27 18:03:15 GMT 2003 PICS Flat

Mon Jan 27 18:03:29 GMT 2003 CHIP Bias

Mon Jan 27 18:04:31 GMT 2003 CHIP End Bias

Mon Jan 27 18:05:40 GMT 2003 PICS End Flat

MKIV COMMENT: Mon Jan 27 18:58:52 GMT 2003

Centered 01.

Mon Jan 27 19:01:59 GMT 2003 MKIV End Patrol

Mon Jan 27 19:02:09 GMT 2003 MKIV Start Cal

Mon Jan 27 19:21:45 GMT 2003 MKIV Start Patrol

GONG COMMENT: Mon Jan 27 19:41:38 GMT 2003

Completed GONG PM.

MKIV COMMENT: Mon Jan 27 20:00:06 GMT 2003

Centered 01.

MKIV COMMENT: Mon Jan 27 21:01:52 GMT 2003

Centered 01.

**** EVENT COMMENT ****: Mon Jan 27 21:15:24 GMT 2003

Large filament in south hemisphere near CMP is lifting or expanding.

Changes appear to have started around 2030 UT.

**** EVENT COMMENT ****: Mon Jan 27 21:18:55 GMT 2003

Upon further examination, it appears that there is some material erupting in front of the filament rather than lifting of the filament.

MKIV COMMENT: Mon Jan 27 22:13:29 GMT 2003

Centered 01.

**** EVENT COMMENT ****: Mon Jan 27 22:14:13 GMT 2003

Disk event expanded beyond limb at around PA 190-210 from around 2200 UT.

Faint CME visible between PA 170-240 from around 2130 UT.

Event is visible on mk4, CHIP and PICS images.

**** EVENT COMMENT ****: Mon Jan 27 22:18:09 GMT 2003

Also noted flaring on the disk near origin of this event from around 2141 UT.

**** EVENT COMMENT ****: Mon Jan 27 22:36:17 GMT 2003

Limb extension of disk event now moved past occulting post on PICS limb image to PA 182 (stem is not at 180 due to P-angle) and out to RV 1.35.

To clarify... material is to left on hoike images -- decreasing PA.

**** EVENT COMMENT ****: Mon Jan 27 22:42:29 GMT 2003

Dense eruptive material is visible traversing the corona in mk4 images, appearing above the limb at PA 185 from 2213 image and rapidly rising and expanding.

MKIV COMMENT: Mon Jan 27 22:57:34 GMT 2003

Centered O1.

MKIV COMMENT: Tue Jan 28 00:02:16 GMT 2003

Centered O1.

MKIV COMMENT: Tue Jan 28 00:49:20 GMT 2003

Centered O1

PSPT PROBLEM : Tue Jan 28 01:33:19 GMT 2003

PSPT crashed making jpg images at 1:10 UT. Killing runPspt.pro.

We will install the dome rotation rate correction at this time to attempt to synchronize the dome rotation with the spar traverse rate.

PSPT COMMENT: Tue Jan 28 01:41:38 GMT 2003

PSPT COMMENT: Tue Jan 28 01:42:50 GMT 2003

Restarted observations after changing value of DOMEStepsPerRadian in pspt.ini file and doing a dome cal.

PSPT PROBLEM : Tue Jan 28 01:56:46 GMT 2003

Program crashed taking blue image as part of the centering process two times.

Some of the PC commands appeared to be working so we killed runPspt.pro one more time and shut down. We cycled power to strip and to camera and controller and did a Start up. If this works, we will resume daily observations for the rest of the afternoon.

MKIV COMMENT: Tue Jan 28 01:59:57 GMT 2003

Centered O1.

PSPT PROBLEM : Tue Jan 28 02:10:16 GMT 2003

OK, Startup went smoothly, albeit at a snails pace when you're watching it, and Pspt is now taking data.

PSPT COMMENT: Tue Jan 28 02:27:11 GMT 2003

Stopped observations and shut down PSPT.

COMMENT: Tue Jan 28 02:30:15 GMT 2003

No vignetting of MK4, CHIP or PICS seen today. Darryl has the ADR sensor in a good place for now.

Tue Jan 28 02:31:54 GMT 2003 CHIP End Patrol

Tue Jan 28 02:33:21 GMT 2003 PICS End Patrol

Tue Jan 28 02:35:33 GMT 2003

MkIV

00_02.rawmk4	01_45.rawmk4	18_55.rawmk4	20_50.rawmk4	22_36.rawmk4
00_05.rawmk4	01_48.rawmk4	18_58.rawmk4	20_53.rawmk4	22_39.rawmk4
00_08.rawmk4	01_51.rawmk4	19_05.rawmk4	20_55.rawmk4	22_42.rawmk4
00_11.rawmk4	01_54.rawmk4	19_11.rawmk4	20_58.rawmk4	22_45.rawmk4
00_13.rawmk4	01_56.rawmk4	19_17.rawmk4	21_01.rawmk4	22_48.rawmk4
00_16.rawmk4	02_00.rawmk4	19_21.rawmk4	21_04.rawmk4	22_51.rawmk4

00_19.rawmk4	02_02.rawmk4	19_24.rawmk4	21_07.rawmk4	22_54.rawmk4
00_22.rawmk4	02_05.rawmk4	19_27.rawmk4	21_10.rawmk4	22_57.rawmk4
00_25.rawmk4	02_08.rawmk4	19_30.rawmk4	21_13.rawmk4	23_00.rawmk4
00_28.rawmk4	02_14.rawmk4	19_33.rawmk4	21_16.rawmk4	23_03.rawmk4
00_31.rawmk4	02_18.rawmk4	19_36.rawmk4	21_19.rawmk4	23_06.rawmk4
00_34.rawmk4	02_21.rawmk4	19_39.rawmk4	21_22.rawmk4	23_09.rawmk4
00_37.rawmk4	02_24.rawmk4	19_42.rawmk4	21_25.rawmk4	23_12.rawmk4
00_40.rawmk4	02_27.rawmk4	19_45.rawmk4	21_31.rawmk4	23_15.rawmk4
00_43.rawmk4	02_30.rawmk4	19_48.rawmk4	21_35.rawmk4	23_18.rawmk4
00_46.rawmk4	17_56.rawmk4	19_51.rawmk4	21_38.rawmk4	23_21.rawmk4
00_49.rawmk4	17_59.rawmk4	19_54.rawmk4	21_41.rawmk4	23_24.rawmk4
00_52.rawmk4	18_02.rawmk4	19_57.rawmk4	21_43.rawmk4	23_26.rawmk4
00_55.rawmk4	18_05.rawmk4	20_00.rawmk4	21_46.rawmk4	23_29.rawmk4
00_58.rawmk4	18_08.rawmk4	20_02.rawmk4	21_49.rawmk4	23_32.rawmk4
01_01.rawmk4	18_11.rawmk4	20_05.rawmk4	21_52.rawmk4	23_35.rawmk4
01_03.rawmk4	18_14.rawmk4	20_08.rawmk4	21_55.rawmk4	23_38.rawmk4
01_06.rawmk4	18_17.rawmk4	20_11.rawmk4	21_58.rawmk4	23_41.rawmk4
01_09.rawmk4	18_20.rawmk4	20_14.rawmk4	22_01.rawmk4	23_44.rawmk4
01_12.rawmk4	18_23.rawmk4	20_17.rawmk4	22_04.rawmk4	23_47.rawmk4
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01_27.rawmk4	18_38.rawmk4	20_32.rawmk4	22_19.rawmk4	c19_02.rawmk4
01_30.rawmk4	18_41.rawmk4	20_35.rawmk4	22_22.rawmk4	c19_08.rawmk4
01_33.rawmk4	18_44.rawmk4	20_38.rawmk4	22_25.rawmk4	c19_14.rawmk4
01_36.rawmk4	18_47.rawmk4	20_41.rawmk4	22_28.rawmk4	
01_39.rawmk4	18_49.rawmk4	20_44.rawmk4	22_31.rawmk4	
01_42.rawmk4	18_52.rawmk4	20_47.rawmk4	22_33.rawmk4	