
Mauna Loa Solar Observatory Observer's Log

Mon Dec 13 17:00:49 GMT 2004

Year: 04 Doy: 348

Observer: stueben

WEATHER COMMENT: Mon Dec 13 17:13:24 GMT 2004

Clear, wind southwest 10-15 mph, temp 39F.

____end____

Mon Dec 13 17:16:12 GMT 2004 CHIP Start Patrol

Mon Dec 13 17:16:29 GMT 2004 PICS Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Mon Dec 13 17:29:30 GMT 2004

PSPT COMMENT: Mon Dec 13 17:35:14 GMT 2004

Observing.

____end____

MKIV COMMENT: Mon Dec 13 17:42:59 GMT 2004

Centering O1 as mk4 clears dome.

____end____

Mon Dec 13 17:43:48 GMT 2004 MKIV Start Patrol

Mon Dec 13 18:01:53 GMT 2004 CHIP LSD

Mon Dec 13 18:02:31 GMT 2004 PICS Flat

Mon Dec 13 18:03:40 GMT 2004 CHIP End LSD

Mon Dec 13 18:03:48 GMT 2004 CHIP BiasLSD

Mon Dec 13 18:04:41 GMT 2004 CHIP End BiasLSD

Mon Dec 13 18:04:50 GMT 2004 CHIP Bias

Mon Dec 13 18:04:56 GMT 2004 PICS End Flat

Mon Dec 13 18:05:06 GMT 2004 PICS ReStart Patrol

Mon Dec 13 18:05:44 GMT 2004 CHIP End Bias

Mon Dec 13 18:05:52 GMT 2004 CHIP ReStart Patrol

Mon Dec 13 18:25:16 GMT 2004 MKIV End Patrol

Mon Dec 13 18:25:23 GMT 2004 MKIV Start Cal

Mon Dec 13 18:44:09 GMT 2004 MKIV End Cal

Mon Dec 13 18:44:16 GMT 2004 MKIV Start Patrol

MKIV COMMENT: Mon Dec 13 19:34:10 GMT 2004

Centered O1 guider.

____end____

COMMENT: Mon Dec 13 19:35:08 GMT 2004

Both the X and Y axis of the new O1 guider are now enabled and functioning as expected. The Y axis was adjusted yesterday so it is now in a range where error can be zeroed. Will leave the new O1 guider in place until noted otherwise.

Operating mode will remain similar to the old O1 guider for a while as I monitor operation and errors.

____end____

ECHO PROBLEM: Mon Dec 13 20:42:51 GMT 2004

Swapped thermistors on MOF1 from the pair on the east side to the spare pair on the west side. Disabled RTD1 by clipping pins on Winchester connector. RTD2 not connected to signal conditioners. RTD3 now connected to West controller, RTD 4 now connected to signal conditioner chain.

Turned ECHO back on and got a reading on the West controller and on the GUI.
MOF1 reading 143.0 and MOF2 reading 140.1 now with the covers put back.
We can actually see the second image, albeit dimmer than the top image, now.
____end____

ECHO COMMENT: Mon Dec 13 20:51:31 GMT 2004
Time OK, ECHO taking data.

____end____

PSPT PROBLEM : Mon Dec 13 21:12:07 GMT 2004

Pspt crashed at 2105 UT at (2/3) Taking CaK image. Killed and restarted.

____end____

NICE MK4 IMAGE: 1844

NICE CHIP IMAGE: 1845

NICE PICSLIMB IMAGE: 1845

NICE PICSDISC IMAGE: 1844

MKIV COMMENT: Mon Dec 13 21:44:19 GMT 2004

Centered O1.

____end____

GONG COMMENT: Mon Dec 13 22:02:38 GMT 2004

Installed replacement DLT drive in workstation in gong shelter and performed
weekly PM.

____end____

MKIV COMMENT: Mon Dec 13 22:45:37 GMT 2004

Centered O1.

____end____

COMMENT: Mon Dec 13 23:09:25 GMT 2004

Dec axis reset, repointed spar.

____end____

**** EVENT COMMENT ****: Mon Dec 13 23:33:43 GMT 2004

Active region at PA 60-90 slowly lifting at northern end.

____end____

MKIV COMMENT: Mon Dec 13 23:45:21 GMT 2004

Centered O1.

____end____

**** EVENT COMMENT ****: Mon Dec 13 23:54:29 GMT 2004

Cavity overlying expanding prominence at PA 60-90 appears to be expanding.

____end____

**** EVENT COMMENT ****: Tue Dec 14 00:42:28 GMT 2004

EPL currently out to RV 1.3

____end____

MKIV COMMENT: Tue Dec 14 00:43:21 GMT 2004

Centered O1.

____end____

MKIV COMMENT: Tue Dec 14 01:44:48 GMT 2004

Centered O1

____end____

**** EVENT COMMENT ****: Tue Dec 14 01:45:55 GMT 2004

Visible features of the EPL have faded or receded. CME still expanding.

____end____

ECHO COMMENT: Tue Dec 14 02:06:44 GMT 2004

Top image was saturated and bottom image was visible after the RTD swap.
Changed F2 Display maximum value from 1000 to 1350 where the saturation
of the top image went away. Bottom image is still visible at this setting
albeit it is a lot dimmer than the top image.

____end____

Tue Dec 14 02:31:07 GMT 2004 CHIP End Patrol

Tue Dec 14 02:31:19 GMT 2004 PICS End Patrol

Tue Dec 14 02:35:25 GMT 2004 MKIV End Patrol

Tue Dec 14 02:35:54 GMT 2004

MkIV

00_02.rawmk4	01_47.rawmk4	18_53.rawmk4	20_42.rawmk4	22_28.rawmk4
00_05.rawmk4	01_50.rawmk4	18_56.rawmk4	20_45.rawmk4	22_31.rawmk4
00_07.rawmk4	01_53.rawmk4	18_58.rawmk4	20_48.rawmk4	22_34.rawmk4
00_10.rawmk4	01_56.rawmk4	19_01.rawmk4	20_51.rawmk4	22_36.rawmk4
00_13.rawmk4	01_59.rawmk4	19_04.rawmk4	20_54.rawmk4	22_39.rawmk4
00_16.rawmk4	02_02.rawmk4	19_07.rawmk4	20_57.rawmk4	22_42.rawmk4
00_19.rawmk4	02_05.rawmk4	19_10.rawmk4	21_00.rawmk4	22_45.rawmk4
00_22.rawmk4	02_08.rawmk4	19_13.rawmk4	21_03.rawmk4	22_48.rawmk4
00_25.rawmk4	02_11.rawmk4	19_16.rawmk4	21_05.rawmk4	22_51.rawmk4
00_28.rawmk4	02_14.rawmk4	19_19.rawmk4	21_08.rawmk4	22_54.rawmk4
00_31.rawmk4	02_17.rawmk4	19_22.rawmk4	21_11.rawmk4	22_57.rawmk4
00_34.rawmk4	02_20.rawmk4	19_25.rawmk4	21_14.rawmk4	23_00.rawmk4
00_37.rawmk4	02_23.rawmk4	19_28.rawmk4	21_17.rawmk4	23_03.rawmk4
00_40.rawmk4	02_26.rawmk4	19_31.rawmk4	21_20.rawmk4	23_06.rawmk4
00_43.rawmk4	02_28.rawmk4	19_34.rawmk4	21_23.rawmk4	23_09.rawmk4
00_46.rawmk4	02_31.rawmk4	19_37.rawmk4	21_26.rawmk4	23_12.rawmk4
00_49.rawmk4	17_43.rawmk4	19_40.rawmk4	21_29.rawmk4	23_15.rawmk4
00_52.rawmk4	17_46.rawmk4	19_42.rawmk4	21_32.rawmk4	23_18.rawmk4
00_54.rawmk4	17_49.rawmk4	19_45.rawmk4	21_35.rawmk4	23_20.rawmk4
00_57.rawmk4	17_52.rawmk4	19_48.rawmk4	21_38.rawmk4	23_23.rawmk4
01_00.rawmk4	17_55.rawmk4	19_51.rawmk4	21_41.rawmk4	23_26.rawmk4
01_03.rawmk4	17_58.rawmk4	19_57.rawmk4	21_44.rawmk4	23_29.rawmk4
01_06.rawmk4	18_01.rawmk4	20_01.rawmk4	21_47.rawmk4	23_32.rawmk4
01_09.rawmk4	18_04.rawmk4	20_04.rawmk4	21_50.rawmk4	23_35.rawmk4
01_12.rawmk4	18_07.rawmk4	20_07.rawmk4	21_52.rawmk4	23_38.rawmk4
01_15.rawmk4	18_10.rawmk4	20_10.rawmk4	21_55.rawmk4	23_41.rawmk4
01_18.rawmk4	18_13.rawmk4	20_13.rawmk4	21_58.rawmk4	23_44.rawmk4
01_21.rawmk4	18_16.rawmk4	20_16.rawmk4	22_01.rawmk4	23_47.rawmk4
01_24.rawmk4	18_19.rawmk4	20_19.rawmk4	22_04.rawmk4	23_50.rawmk4
01_27.rawmk4	18_22.rawmk4	20_21.rawmk4	22_07.rawmk4	23_53.rawmk4
01_30.rawmk4	18_28.rawmk4	20_24.rawmk4	22_10.rawmk4	23_56.rawmk4
01_33.rawmk4	18_34.rawmk4	20_27.rawmk4	22_13.rawmk4	23_59.rawmk4
01_36.rawmk4	18_40.rawmk4	20_30.rawmk4	22_16.rawmk4	c18_25.rawmk4
01_38.rawmk4	18_44.rawmk4	20_33.rawmk4	22_19.rawmk4	c18_31.rawmk4
01_41.rawmk4	18_47.rawmk4	20_36.rawmk4	22_22.rawmk4	c18_37.rawmk4
01_44.rawmk4	18_50.rawmk4	20_39.rawmk4	22_25.rawmk4	