
Mauna Loa Solar Observatory Observer's Log

Sun Apr 4 17:04:58 GMT 2010

Year: 10 Doy: 094

Observer: koon

WEATHER COMMENT: Sun Apr 4 17:04:59 GMT 2010

Clear sky, wind=5mph from the SE, temp=46F.

____end____

Sun Apr 4 17:11:01 GMT 2010 MKIV Start Patrol

Sun Apr 4 17:11:18 GMT 2010 CHIP Start Patrol

GENERAL PROBLEM COMMENT BY DARRYL : Sun Apr 4 17:17:27 GMT 2010

Spar not guiding in Dec well, turned up Dec gain from position 1 to position 2 on the dial.

____end____

PSPT COMMENT BY DARRYL: Sun Apr 4 17:28:58 GMT 2010

Observing.

____end____

MKIV COMMENT BY DARRYL: Sun Apr 4 17:40:15 GMT 2010

I don't see the ring in the raw data like I did last week, and it is fainter in the processed GIF images too, could it be spar guiding related? The ambient conditions were windier and colder last week also.

____end____

Sun Apr 4 18:02:41 GMT 2010 CHIP LSD

Sun Apr 4 18:04:07 GMT 2010 CHIP End LSD

Sun Apr 4 18:04:26 GMT 2010 CHIP BiasLSD

Sun Apr 4 18:05:13 GMT 2010 CHIP End BiasLSD

Sun Apr 4 18:05:26 GMT 2010 CHIP Bias

Sun Apr 4 18:06:14 GMT 2010 CHIP End Bias

Sun Apr 4 18:06:21 GMT 2010 CHIP ReStart Patrol

Sun Apr 4 19:20:42 GMT 2010 MKIV End Patrol

Sun Apr 4 19:20:47 GMT 2010 MKIV Start Cal

Sun Apr 4 19:40:21 GMT 2010 MKIV End Cal

H-ALPHA PROBLEM COMMENT BY DARRYL : Sun Apr 4 19:42:22 GMT 2010

It looks like the exposure times for both the Low and High Exposure images are varying, the animations shows image exposures apparently varying in a 10 minute cycle for the Low Exposures and it is more difficult to tell for the High exposures. Stopped observing and shutdown program then restarted again to see if that helps.

____end____

NOTE BY DARRYL: Sun Apr 4 22:11:21 GMT 2010

The main dome azimuth drive slipped a little, surprising after all the work I did to it last week, I found that the wing nut used for adjustment on the gear mesh would work loose, I put in another nut and now use the wingnut as a lock-nut, I adjusted the drive and it should be good now.

____end____

WEATHER COMMENT: Sun Apr 4 22:55:12 GMT 2010

Low clouds are starting to pass over.

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| _____end_____ | | | | | | | |
| Sun Apr | 4 | 23:00:36 | GMT | 2010 | CHIP | LSD | |
| Sun Apr | 4 | 23:02:22 | GMT | 2010 | CHIP | End LSD | |
| Sun Apr | 4 | 23:02:31 | GMT | 2010 | CHIP | BiasLSD | |
| Sun Apr | 4 | 23:03:08 | GMT | 2010 | CHIP | End BiasLSD | |
| Sun Apr | 4 | 23:03:20 | GMT | 2010 | CHIP | Bias | |
| Sun Apr | 4 | 23:03:58 | GMT | 2010 | CHIP | End Bias | |
| Sun Apr | 4 | 23:04:09 | GMT | 2010 | CHIP | ReStart Patrol | |
| Sun Apr | 4 | 23:11:39 | GMT | 2010 | CHIP | End Patrol | |
| Sun Apr | 4 | 23:13:11 | GMT | 2010 | MKIV | End Patrol | |
| Sun Apr | 4 | 23:34:15 | GMT | 2010 | | | |

MkIV

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|--------------|--------------|--------------|--------------|---------------|
| 17_11.rawmk4 | 18_24.rawmk4 | 19_53.rawmk4 | 21_06.rawmk4 | 22_20.rawmk4 |
| 17_14.rawmk4 | 18_27.rawmk4 | 19_56.rawmk4 | 21_09.rawmk4 | 22_23.rawmk4 |
| 17_17.rawmk4 | 18_30.rawmk4 | 19_58.rawmk4 | 21_12.rawmk4 | 22_25.rawmk4 |
| 17_19.rawmk4 | 18_33.rawmk4 | 20_01.rawmk4 | 21_15.rawmk4 | 22_28.rawmk4 |
| 17_22.rawmk4 | 18_36.rawmk4 | 20_04.rawmk4 | 21_18.rawmk4 | 22_31.rawmk4 |
| 17_25.rawmk4 | 18_39.rawmk4 | 20_07.rawmk4 | 21_21.rawmk4 | 22_34.rawmk4 |
| 17_28.rawmk4 | 18_42.rawmk4 | 20_10.rawmk4 | 21_24.rawmk4 | 22_37.rawmk4 |
| 17_31.rawmk4 | 18_45.rawmk4 | 20_13.rawmk4 | 21_27.rawmk4 | 22_40.rawmk4 |
| 17_34.rawmk4 | 18_48.rawmk4 | 20_16.rawmk4 | 21_30.rawmk4 | 22_43.rawmk4 |
| 17_37.rawmk4 | 18_51.rawmk4 | 20_19.rawmk4 | 21_33.rawmk4 | 22_46.rawmk4 |
| 17_40.rawmk4 | 18_54.rawmk4 | 20_22.rawmk4 | 21_35.rawmk4 | 22_49.rawmk4 |
| 17_43.rawmk4 | 18_56.rawmk4 | 20_25.rawmk4 | 21_38.rawmk4 | 22_52.rawmk4 |
| 17_46.rawmk4 | 18_59.rawmk4 | 20_28.rawmk4 | 21_41.rawmk4 | 22_55.rawmk4 |
| 17_49.rawmk4 | 19_02.rawmk4 | 20_31.rawmk4 | 21_44.rawmk4 | 22_58.rawmk4 |
| 17_52.rawmk4 | 19_05.rawmk4 | 20_34.rawmk4 | 21_47.rawmk4 | 23_01.rawmk4 |
| 17_55.rawmk4 | 19_08.rawmk4 | 20_37.rawmk4 | 21_50.rawmk4 | 23_04.rawmk4 |
| 17_58.rawmk4 | 19_11.rawmk4 | 20_40.rawmk4 | 21_53.rawmk4 | 23_07.rawmk4 |
| 18_01.rawmk4 | 19_14.rawmk4 | 20_43.rawmk4 | 21_56.rawmk4 | 23_09.rawmk4 |
| 18_04.rawmk4 | 19_17.rawmk4 | 20_46.rawmk4 | 21_59.rawmk4 | c19_20.rawmk4 |
| 18_06.rawmk4 | 19_30.rawmk4 | 20_48.rawmk4 | 22_02.rawmk4 | c19_26.rawmk4 |
| 18_09.rawmk4 | 19_37.rawmk4 | 20_51.rawmk4 | 22_05.rawmk4 | c19_33.rawmk4 |
| 18_12.rawmk4 | 19_40.rawmk4 | 20_54.rawmk4 | 22_08.rawmk4 | |
| 18_15.rawmk4 | 19_44.rawmk4 | 20_57.rawmk4 | 22_11.rawmk4 | |
| 18_18.rawmk4 | 19_47.rawmk4 | 21_00.rawmk4 | 22_14.rawmk4 | |
| 18_21.rawmk4 | 19_50.rawmk4 | 21_03.rawmk4 | 22_17.rawmk4 | |